

Supplemental Methods

Code linear mixed models

```
run_longitudinal_models <- function(dataframes_list, metab_vars) {

  results_long <- data.frame()

  get_interaction_term <- function(name) {
    if (name == "clin_cr12int") return("CR_tert_12m")
    if (name %in% c("clin_cr24", "clin_cr24int")) return("CR_tert_24m")
    return(NULL)
  }

  for (df_name in names(dataframes_list)) {

    df <- dataframes_list[[df_name]] %>%
      mutate(TP = factor(TP, levels = c("BL", "12_months", "24_months")))

    interaction_term <- get_interaction_term(df_name)

    for (var in metab_vars) {

      cols_needed <- c("ID", "TP", var, interaction_term)
      cols_existing <- intersect(cols_needed, names(df))

      df_sub <- df %>%
        dplyr::select(all_of(cols_existing)) %>%
        drop_na(all_of(var))

      if (nrow(df_sub) < 10 ||
          length(unique(df_sub[[var]])) <= 1 ||
          length(unique(df_sub$TP)) < 2) {
        next
      }

      if (!is.null(interaction_term) && interaction_term %in% names(df_sub)) {
        df_sub[[interaction_term]] <- factor(df_sub[[interaction_term]])
      }

      fmla <- if (!is.null(interaction_term)) {
        as.formula(paste0(var, " ~ TP * ", interaction_term))
      } else {
        as.formula(paste0(var, " ~ TP"))
      }

      model_fit <- tryCatch(
        lme(
          fixed = fmla,
          random = ~1 | ID,
          data = df_sub,
          na.action = na.exclude
        ),
        error = function(e) NULL
      )

      if (is.null(model_fit)) next
    }
  }
}
```

```

fixed_summary <- summary(model_fit)$tTable

if (!is.null(fixed_summary) && nrow(fixed_summary) > 0) {

  model_res <- as.data.frame(fixed_summary) %>%
    tibble::rownames_to_column("Comparison") %>%
    mutate(
      Dataset = df_name,
      Variable = var,
      model_type = "nlme"
    ) %>%
    dplyr::select(
      Dataset, Variable, Comparison,
      Value, Std.Error, DF, `t-value`, `p-value`,
      model_type
    )

  results_long <- bind_rows(results_long, model_res)
}
}
}

return(results_long)
}

results_all <- run_longitudinal_models(
  dataframes_list = dataframes_int,
  metab_vars      = metab_vars
)

```

Code Mediation

```

run_mediation <- function(df, metab_vars, vars_s, cpls) {

  mediation_results <- list()

  for (grp in c("AL", "CR")) {

    df_subgrp <- df %>%
      filter(tx == grp) %>%
      dplyr::select(time, tx, all_of(metab_vars), all_of(vars_s)) %>%
      drop_na()

    for (clin_var in vars_s) {
      for (metab in cpls) {

        df_sub <- df_subgrp %>%
          dplyr::select(time, !!sym(metab), !!sym(clin_var)) %>%
          drop_na()

        if (nrow(df_sub) < 10 ||
            length(unique(df_sub[[metab]])) <= 1 ||
            length(unique(df_sub[[clin_var]])) <= 1 ||
            sd(df_sub[[metab]]) == 0 ||
            sd(df_sub[[clin_var]]) == 0) {
          next
        }
      }
    }
  }
}

```

```

}

med_fit <- tryCatch(
  lm(as.formula(paste0(metab, " ~ time")), data = df_sub),
  error = function(e) NULL
)
out_fit <- tryCatch(
  lm(as.formula(paste0(clin_var, " ~ time + ", metab))), data = df_sub),
  error = function(e) NULL
)

if (is.null(med_fit) || is.null(out_fit)) next

med_out <- tryCatch(
  mediate(med_fit, out_fit,
    treat = "time", mediator = metab,
    treat.value = 1, control.value = 0,
    boot = TRUE, sims = 1000),
  error = function(e) NULL
)

if (is.null(med_out)) next

smry <- summary(med_out)

result_row <- data.frame(
  Group = grp,
  Clinical = clin_var,
  Metabolite = metab,
  ACME_estimate = smry$d0,
  ACME_CI_low = smry$d0.ci[1],
  ACME_CI_high = smry$d0.ci[2],
  ACME_p = smry$d0.p,
  ADE_estimate = smry$z0,
  ADE_CI_low = smry$z0.ci[1],
  ADE_CI_high = smry$z0.ci[2],
  ADE_p = smry$z0.p,
  Total_effect = smry$tau.coef,
  Total_CI_low = smry$tau.ci[1],
  Total_CI_high = smry$tau.ci[2],
  Total_p = smry$tau.p,
  Proportion_mediated = smry$n0,
  Prop_med_CI_low = smry$n0.ci[1],
  Prop_med_CI_high = smry$n0.ci[2],
  Prop_med_p = smry$n0.p,
  stringsAsFactors = FALSE
)

mediation_results[[length(mediation_results) + 1]] <- result_row

mediation_df <- do.call(rbind, mediation_results)
write.table(mediation_df,
  "xx.csv",
  dec = ".", sep = ";", row.names = FALSE)
}
}
}

```

```

    return(do.call(rbind, mediation_results))
}

```

```

mediation_output <- run_mediation(
  df = df_med_all,
  metab_vars = metab_vars,
  vars_s = vars_s,
  cpls = cpls
)

```

Code Mediation & covariates

```

run_mediation_cov <- function(df, metab_vars, vars_s) {

  mediation_results <- list()

  for (grp in c("AL")) {

    df_subgrp <- df %>%
      filter(tx == grp) %>%
      dplyr::select(time, tx, age, sex, all_of(metab_vars), all_of(vars_s)) %>%
      drop_na()

    for (clin_var in vars_s) {
      for (metab in metab_vars) {

        df_sub <- df_subgrp %>%
          dplyr::select(time, age, sex, !!sym(metab), !!sym(clin_var)) %>%
          drop_na()

        if (nrow(df_sub) < 10 ||
            length(unique(df_sub[[metab]])) <= 1 ||
            length(unique(df_sub[[clin_var]])) <= 1 ||
            sd(df_sub[[metab]]) == 0 ||
            sd(df_sub[[clin_var]]) == 0) {
          next
        }

        med_fit <- tryCatch(
          lm(as.formula(paste0(metab, " ~ time + age + sex")), data = df_sub),
          error = function(e) NULL
        )
        out_fit <- tryCatch(
          lm(as.formula(paste0(clin_var, " ~ time + ", metab, " + age + sex")), data = df_sub),
          error = function(e) NULL
        )

        if (is.null(med_fit) || is.null(out_fit)) next

        med_out <- tryCatch(
          mediate(med_fit, out_fit,
            treat = "time", mediator = metab,
            treat.value = 1, control.value = 0,
            boot = TRUE, sims = 1000),
          error = function(e) NULL
        )

        if (is.null(med_out)) next
      }
    }
  }
}

```



```

smry <- summary(med_out)

result_row <- data.frame(
  Group = grp,
  Clinical = clin_var,
  Metabolite = metab,
  ACME_estimate = smry$d0,
  ACME_CI_low = smry$d0.ci[1],
  ACME_CI_high = smry$d0.ci[2],
  ACME_p = smry$d0.p,
  ADE_estimate = smry$z0,
  ADE_CI_low = smry$z0.ci[1],
  ADE_CI_high = smry$z0.ci[2],
  ADE_p = smry$z0.p,
  Total_effect = smry$tau.coef,
  Total_CI_low = smry$tau.ci[1],
  Total_CI_high = smry$tau.ci[2],
  Total_p = smry$tau.p,
  Proportion_mediated = smry$n0,
  Prop_med_CI_low = smry$n0.ci[1],
  Prop_med_CI_high = smry$n0.ci[2],
  Prop_med_p = smry$n0.p,
  stringsAsFactors = FALSE
)

mediation_results[[length(mediation_results) + 1]] <- result_row

mediation_df <- do.call(rbind, mediation_results)
write.table(mediation_df,
  ".csv",
  dec = ".", sep = ";", row.names = FALSE)
}
}
}

return(do.call(rbind, mediation_results))
}

mediation_output_cov <- run_mediation_cov(
  df = df_med_all,
  metab_vars = metab_vars,
  vars_s = vars_s
)

```

Supplemental Figures

HOMA-IR

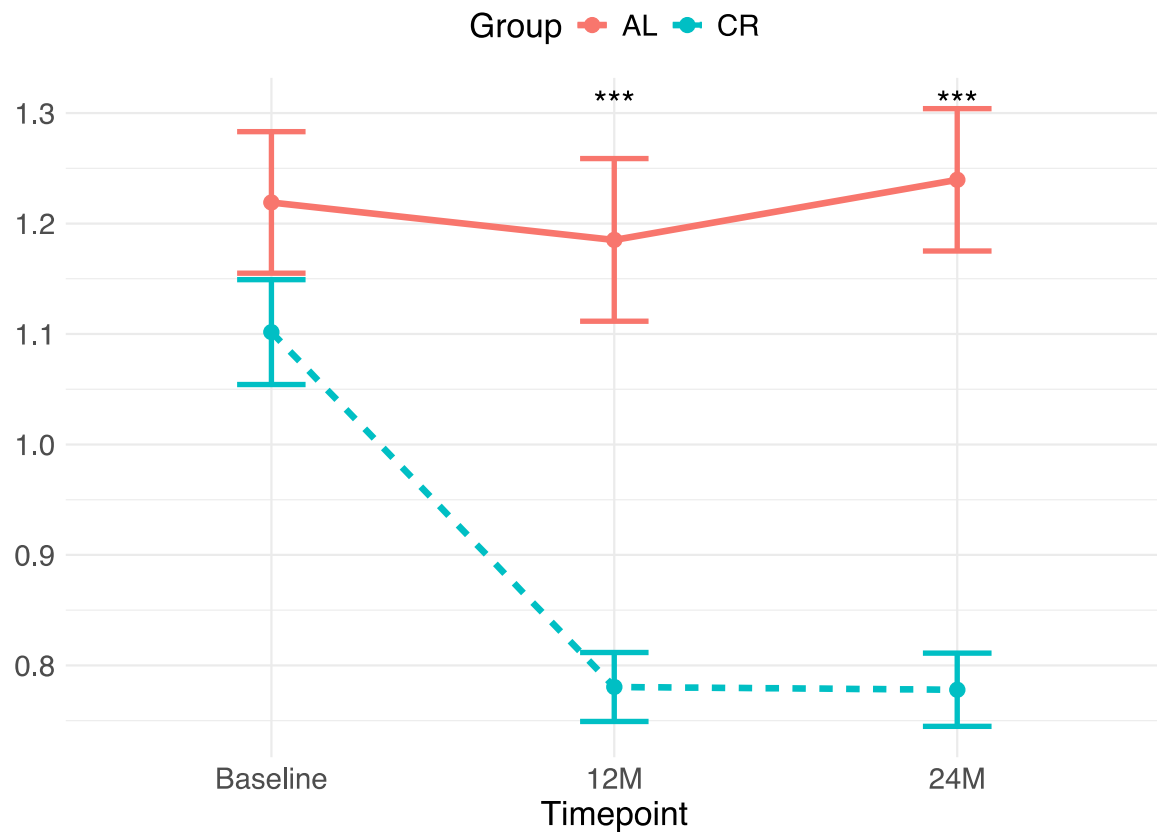


Figure S1. HOMA-IR (Homostatic Model Assessment for Insulin Resistance). Linear mixed models were used for group interaction. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$. Mean and standard error of the mean depicted. CR = 120, AL = 71

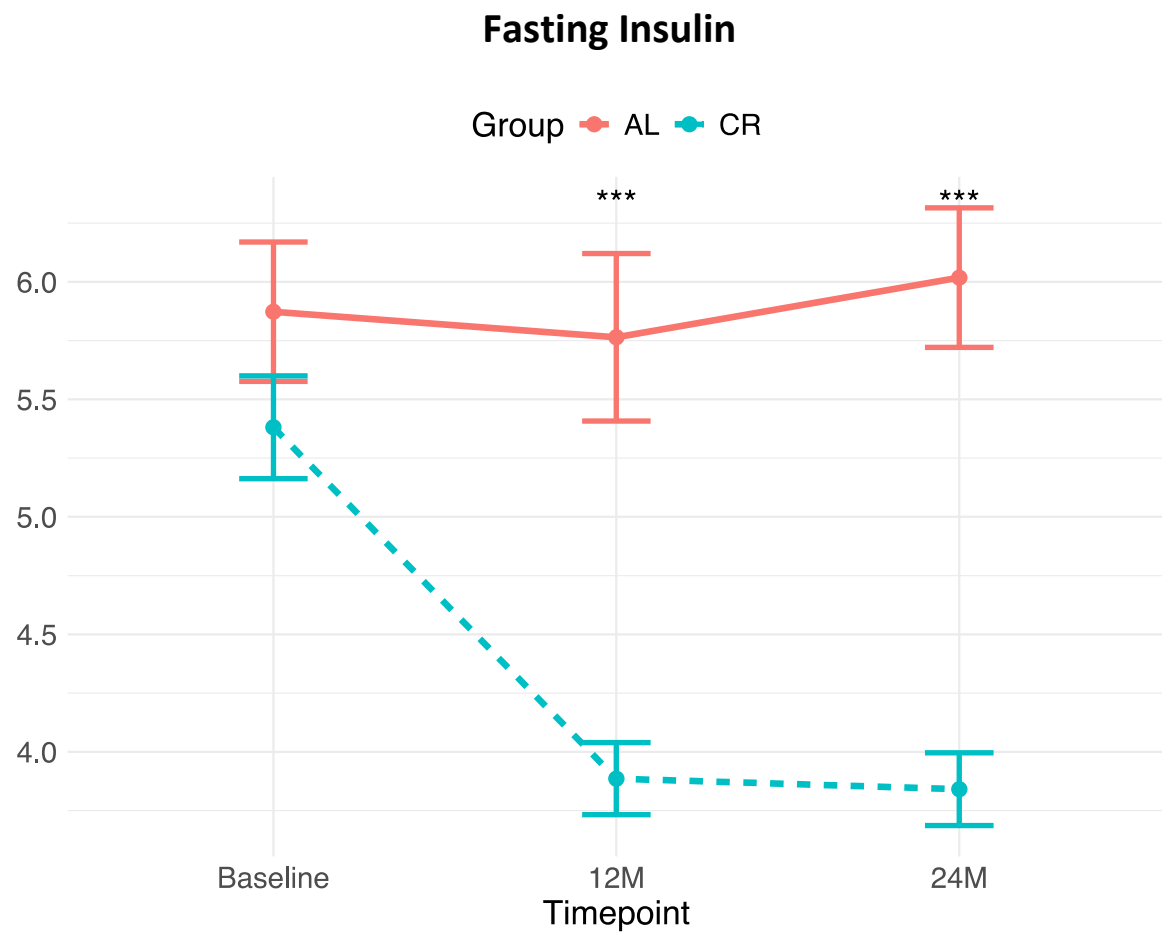


Figure S2. Fasting insulin. ins: insulin. Value in uIU/mL. Linear mixed models were used for group interaction. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$. Mean and standard error of the mean depicted. CR = 120, AL = 71

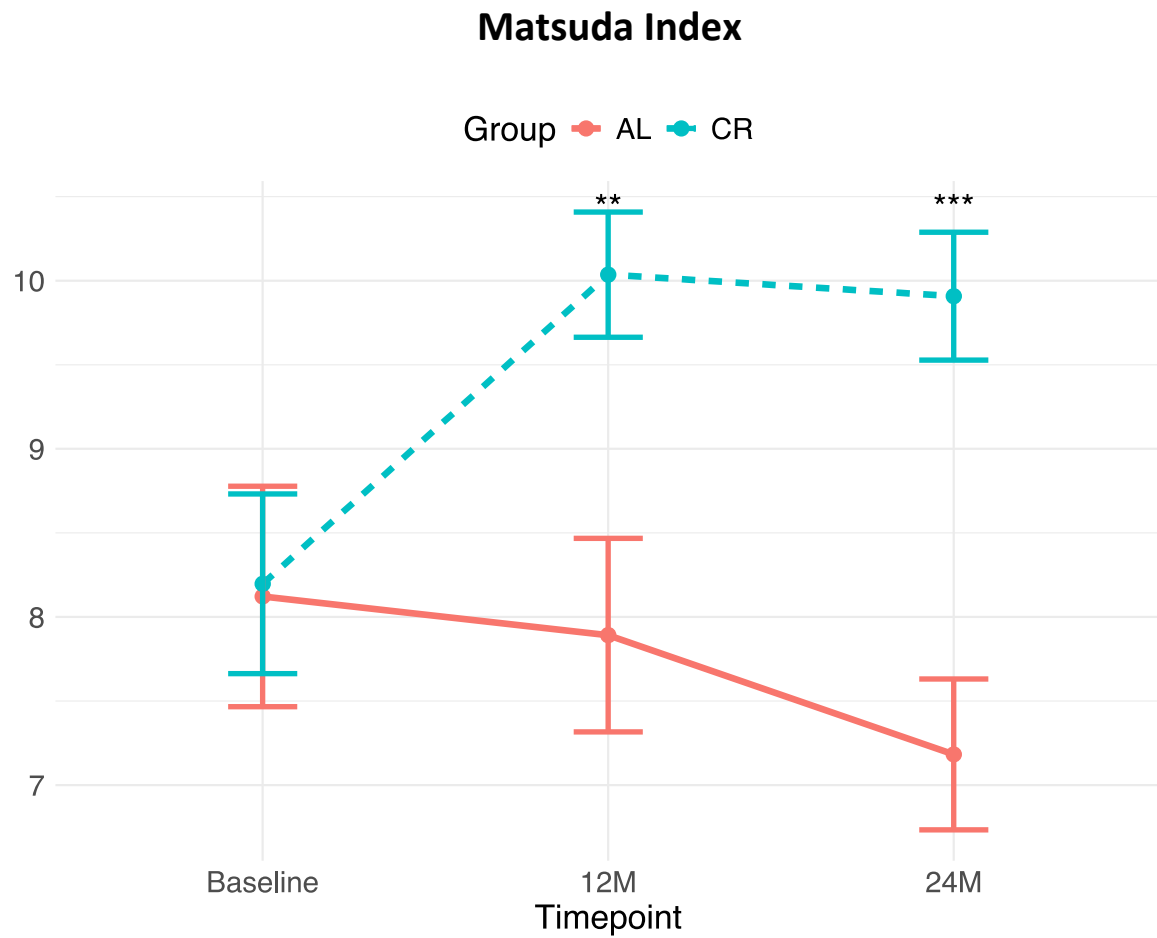


Figure S3. Matsuda Index from oral glucose tolerance test. Linear mixed models were used for group interaction. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$. Mean and standard error of the mean depicted. CR = 120, AL = 71

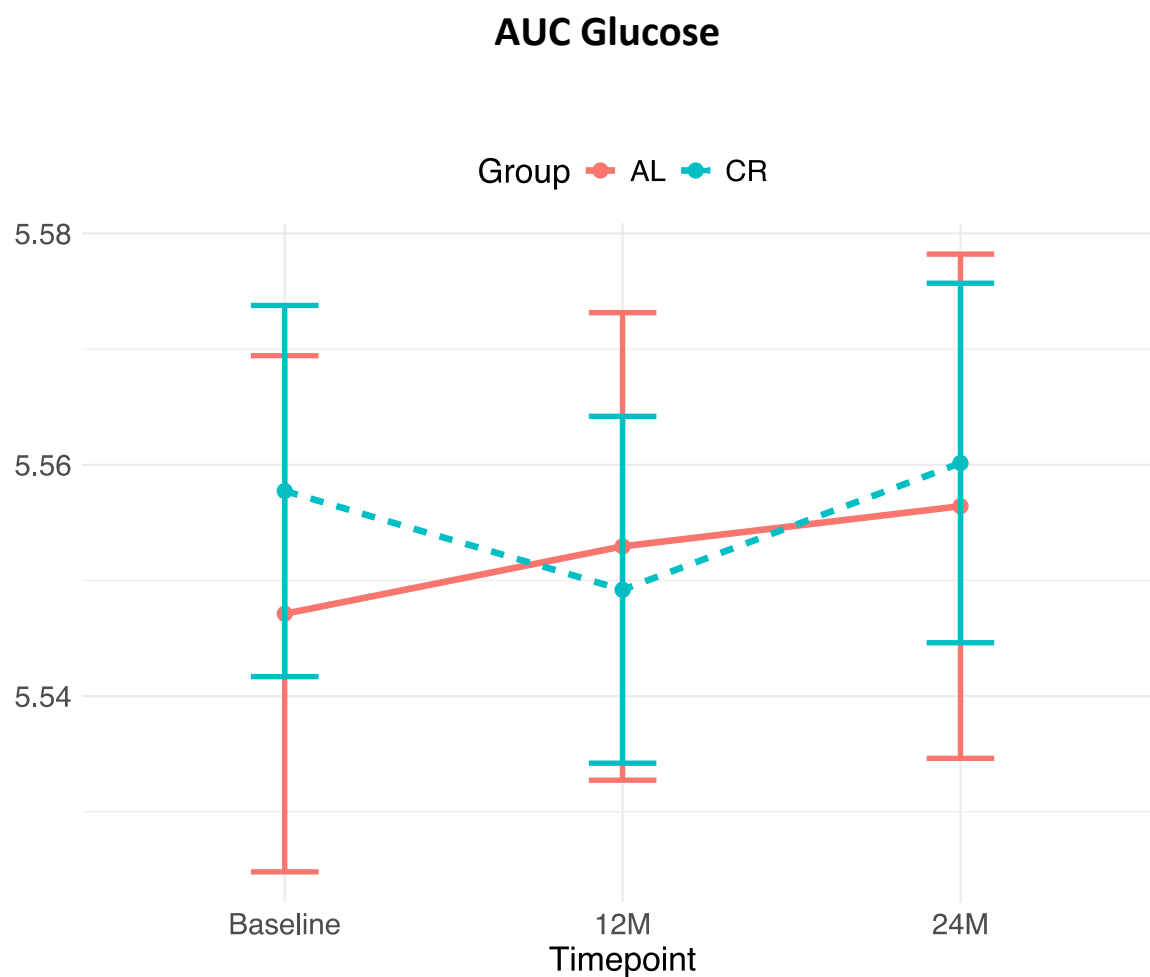


Figure S4. AUC glucose in mg hr/dL. Area under the curve of glucose during oral glucose tolerance test. Linear mixed models were used for group interaction. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$, aucg: AUC glucose. Mean and standard error of the mean depicted. CR = 120, AL = 71

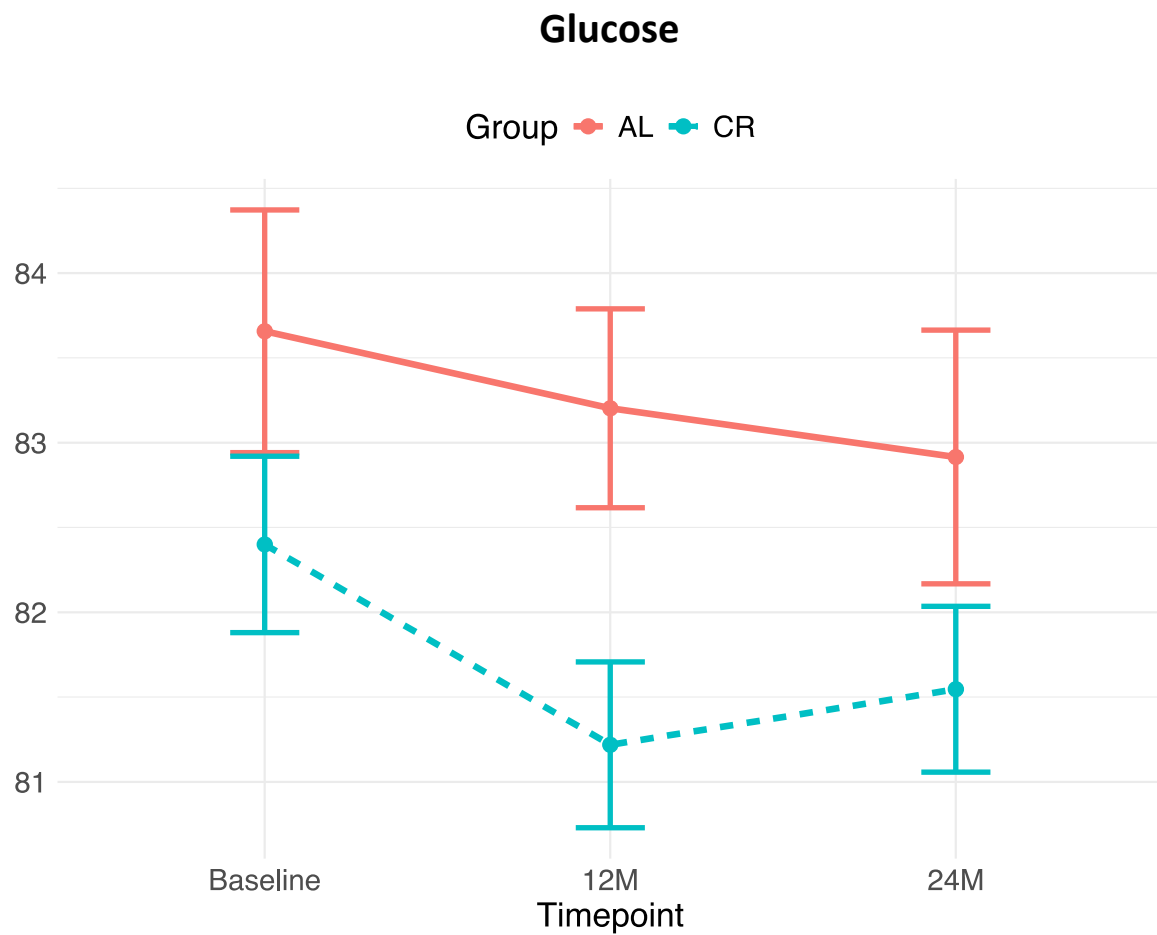


Figure S5. Fasting glucose in mg/dl. Linear mixed models were used for group interaction. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$. Mean and standard error of the mean depicted. CR = 120, AL = 71

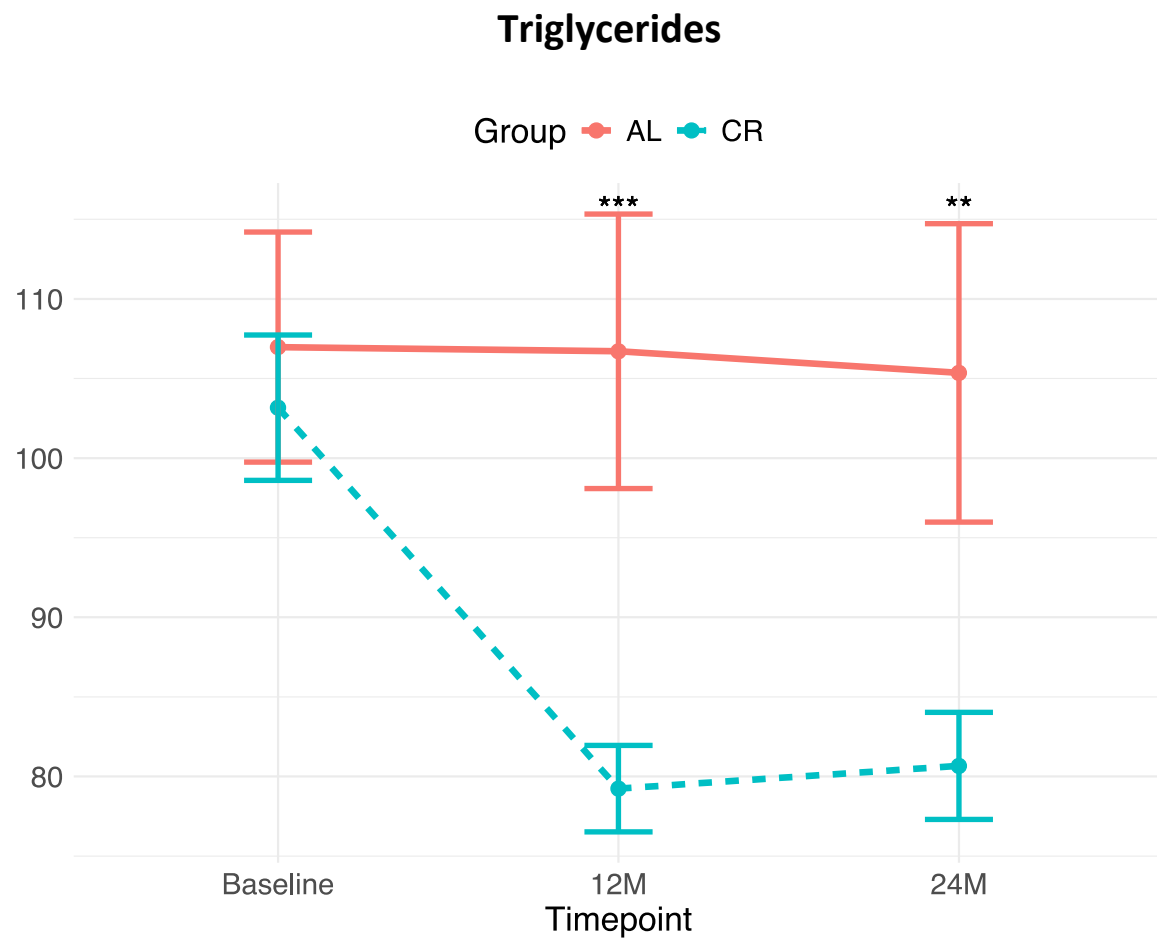


Figure S6. Fasting triglycerides in mg/dl. Linear mixed models were used for group interaction. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$. Mean and standard error of the mean depicted. CR = 120, AL = 71

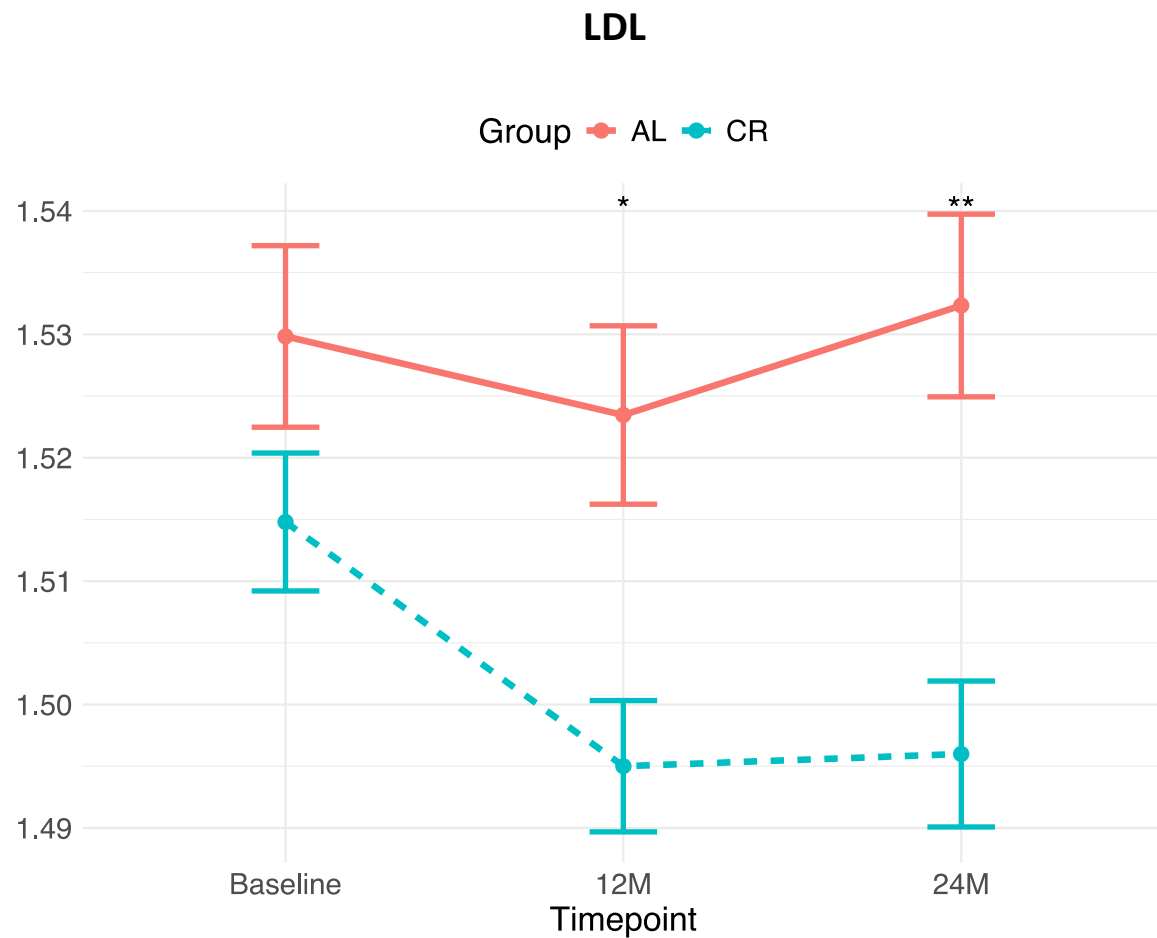


Figure S7. LDL cholesterol in mg/dl Linear mixed models were used for group interaction. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$. Mean and standard error of the mean depicted. CR = 120, AL = 71

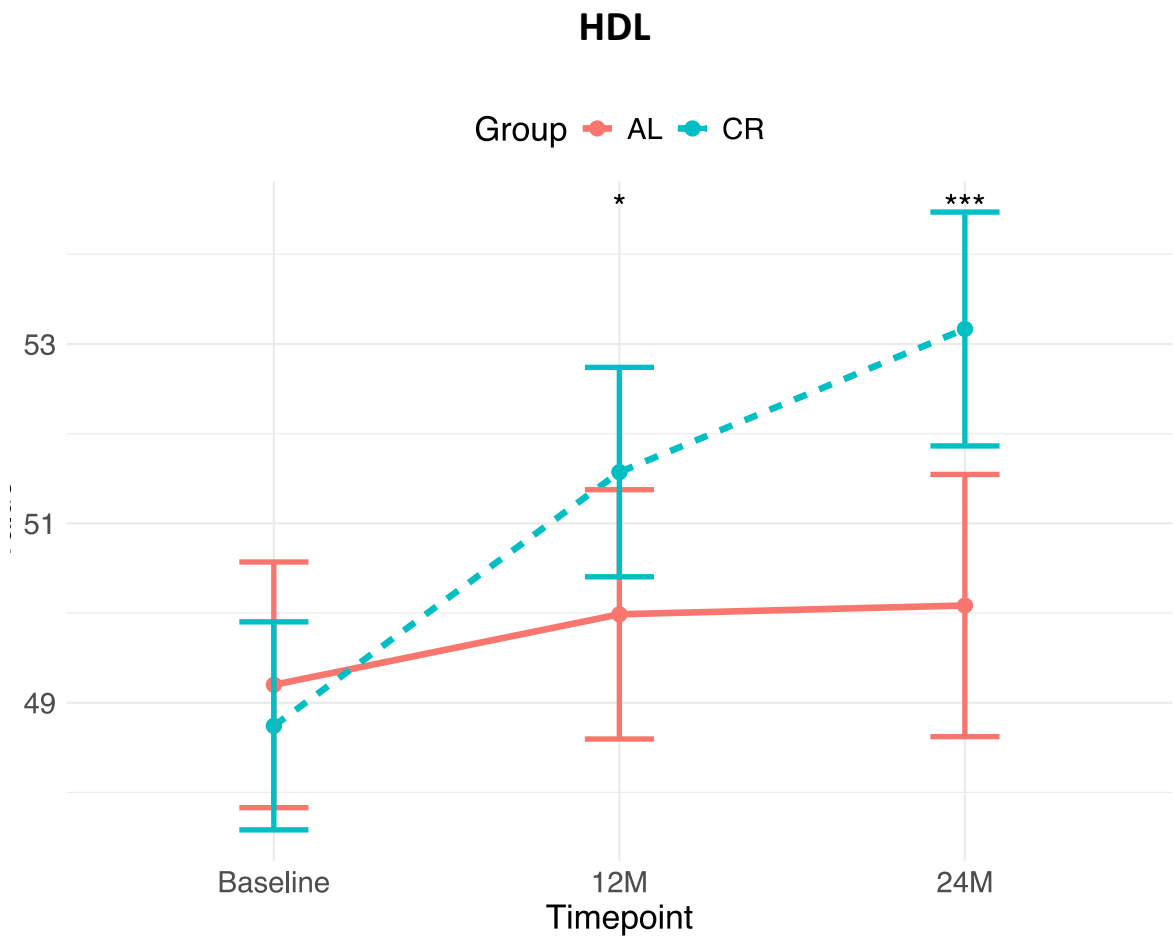


Figure S8. HDL cholesterol in mg/dl. Linear mixed models were used for group interaction. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$. Mean and standard error of the mean depicted. CR = 120, AL = 71

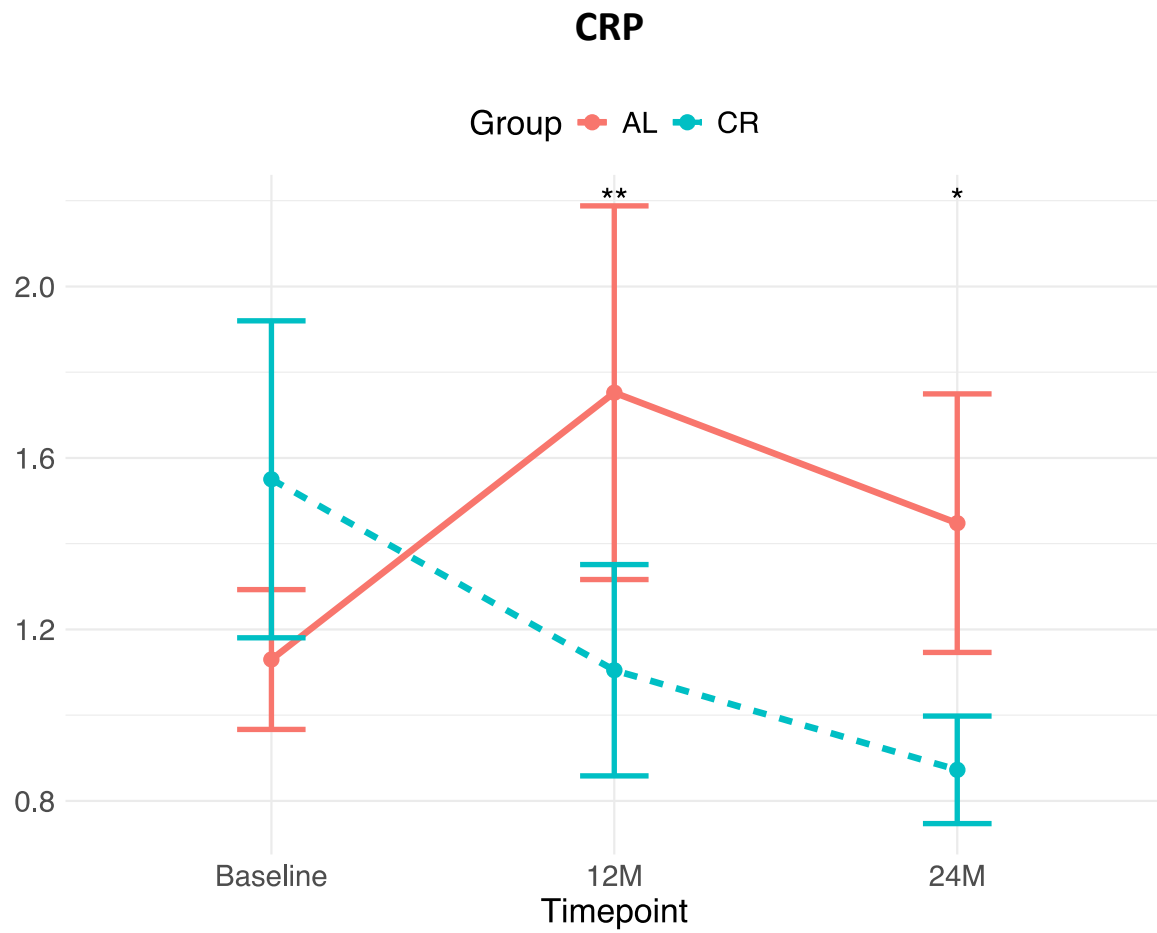


Figure S9 C reactive protein in ug/ml Linear mixed models were used for group interaction. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$. Mean and standard error of the mean depicted. CR = 120, AL = 71

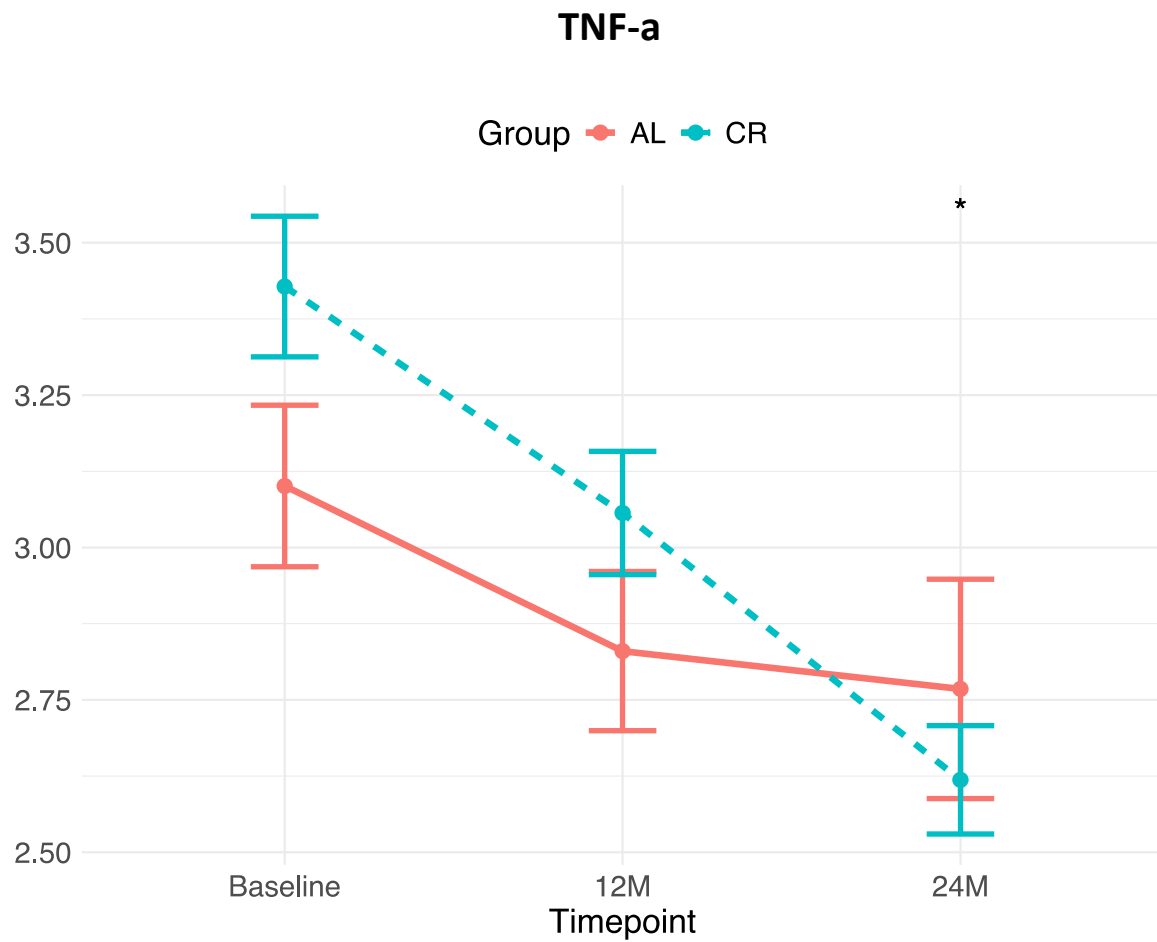


Figure S10 TNF-alpha in pg/ml Linear mixed models were used for group interaction. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$. Mean and standard error of the mean depicted. CR = 120, AL = 71

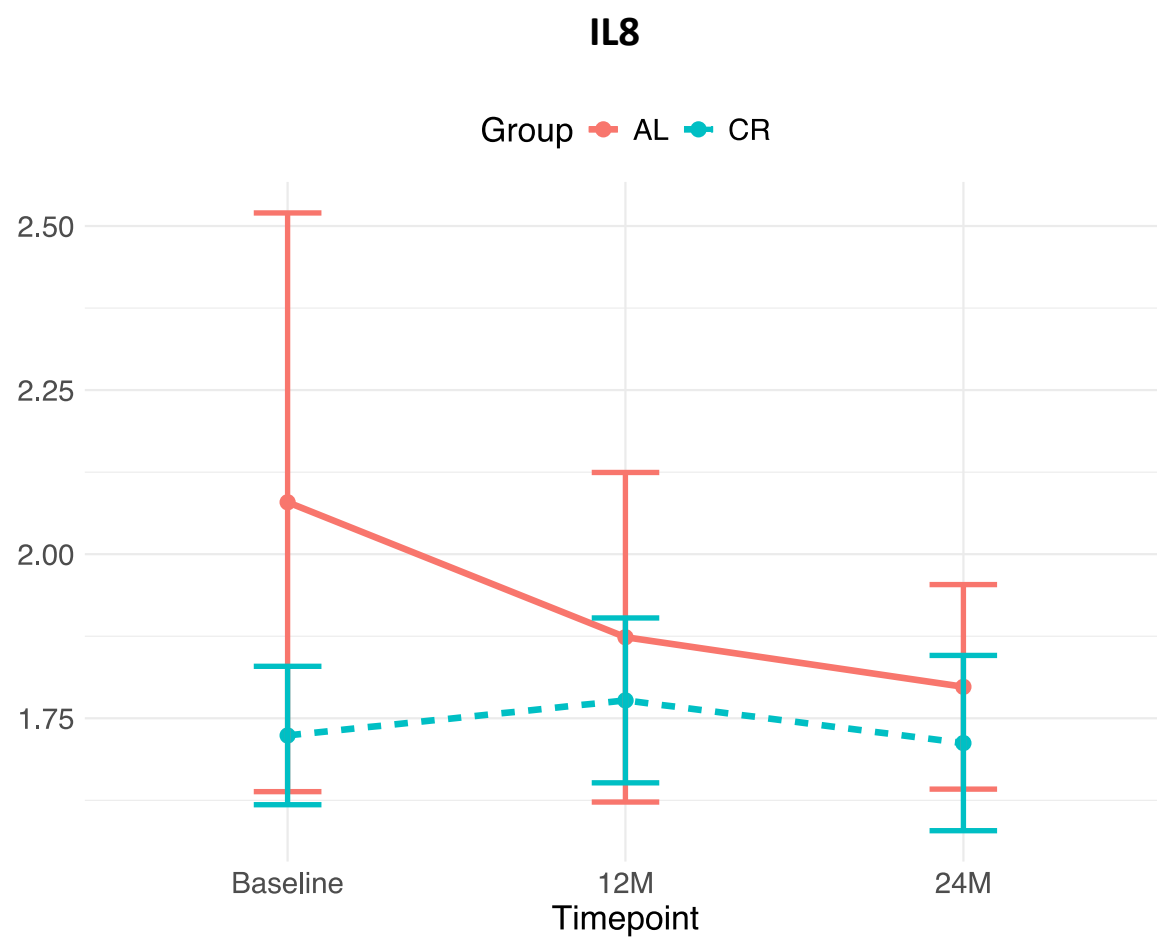


Figure S11 Interleukin 8 in pg/ml. Linear mixed models were used for group interaction. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$. Mean and standard error of the mean depicted. CR = 120, AL = 71

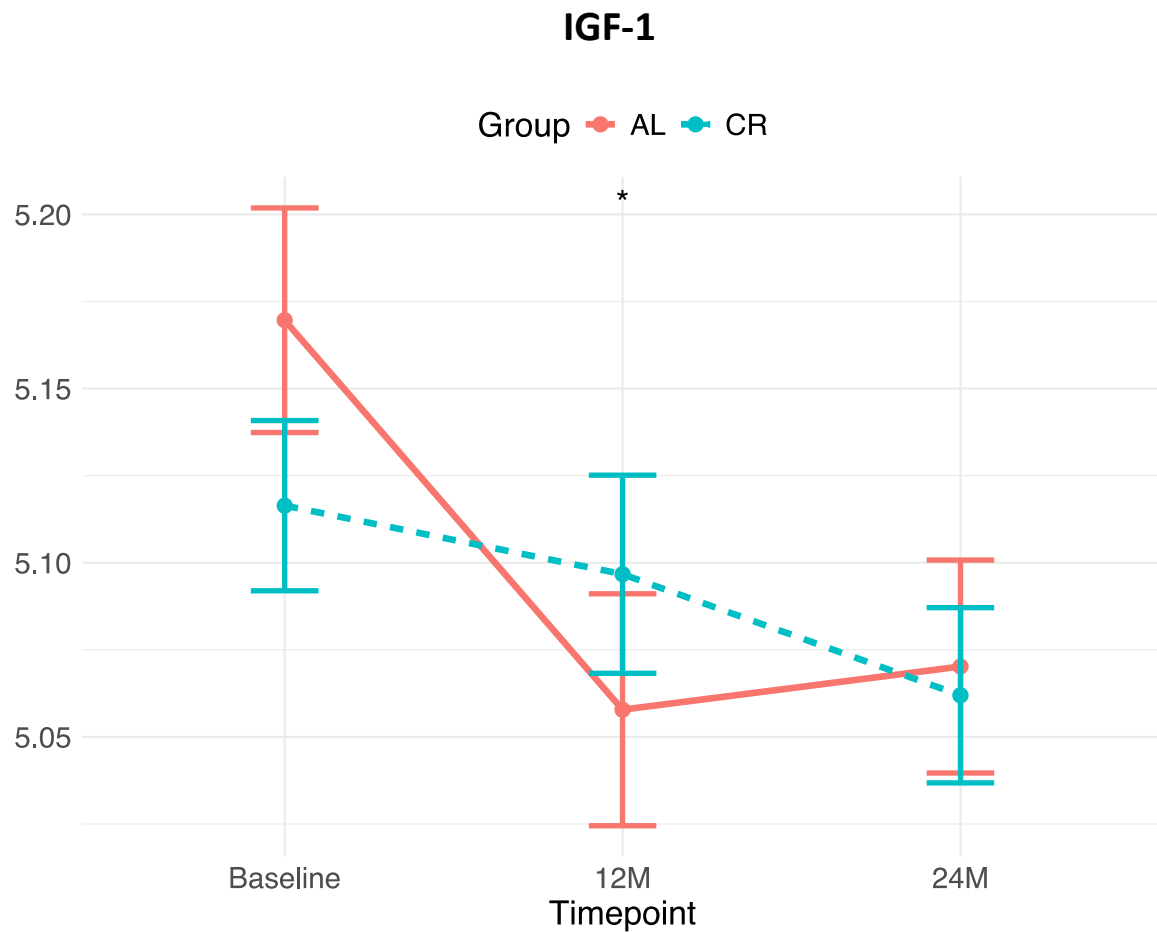


Figure S12 IGF-1 in ng/ml Linear mixed models were used for group interaction. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$. Mean and standard error of the mean depicted. CR = 120, AL = 71

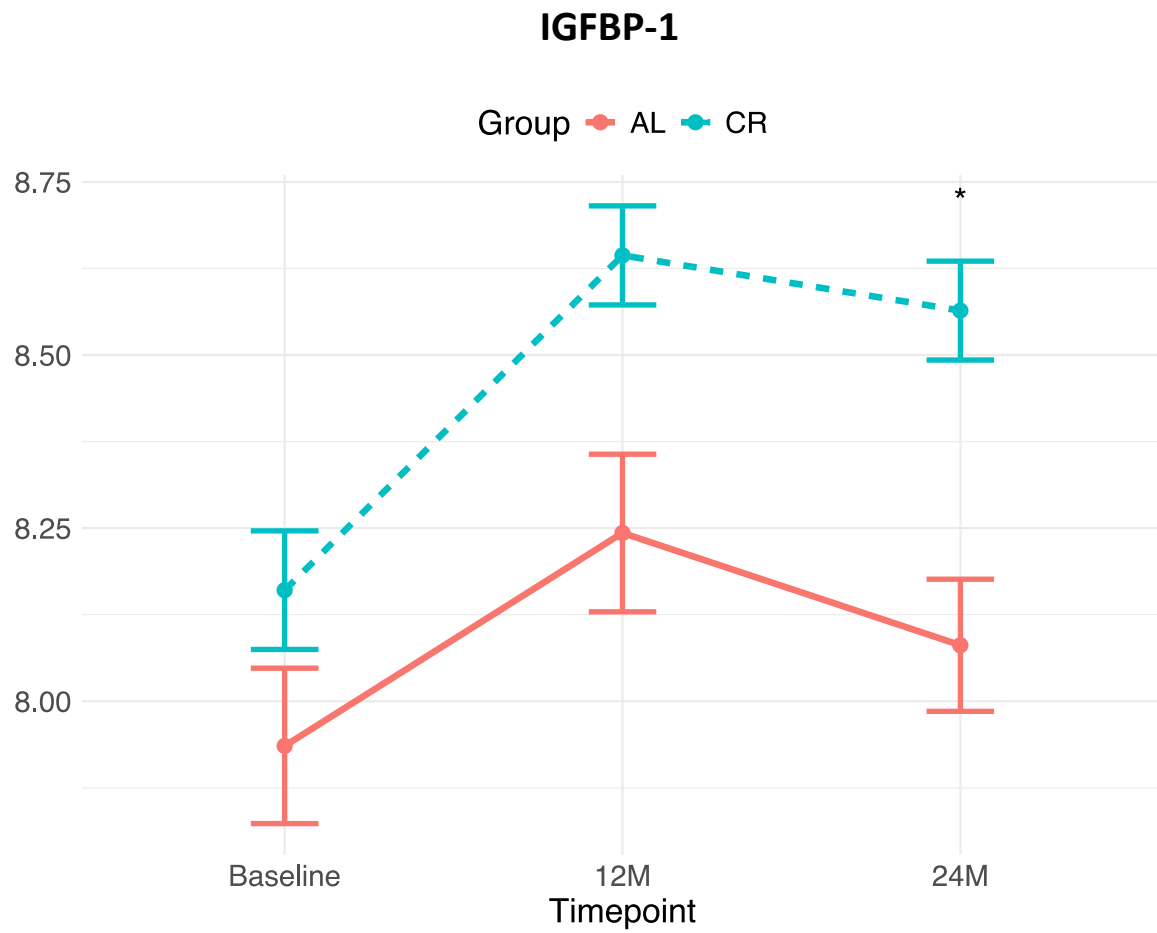


Figure S13 IGFBP-1 in ng/mL Linear mixed models were used for group interaction. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$. Mean and standard error of the mean depicted. CR = 120, AL = 71

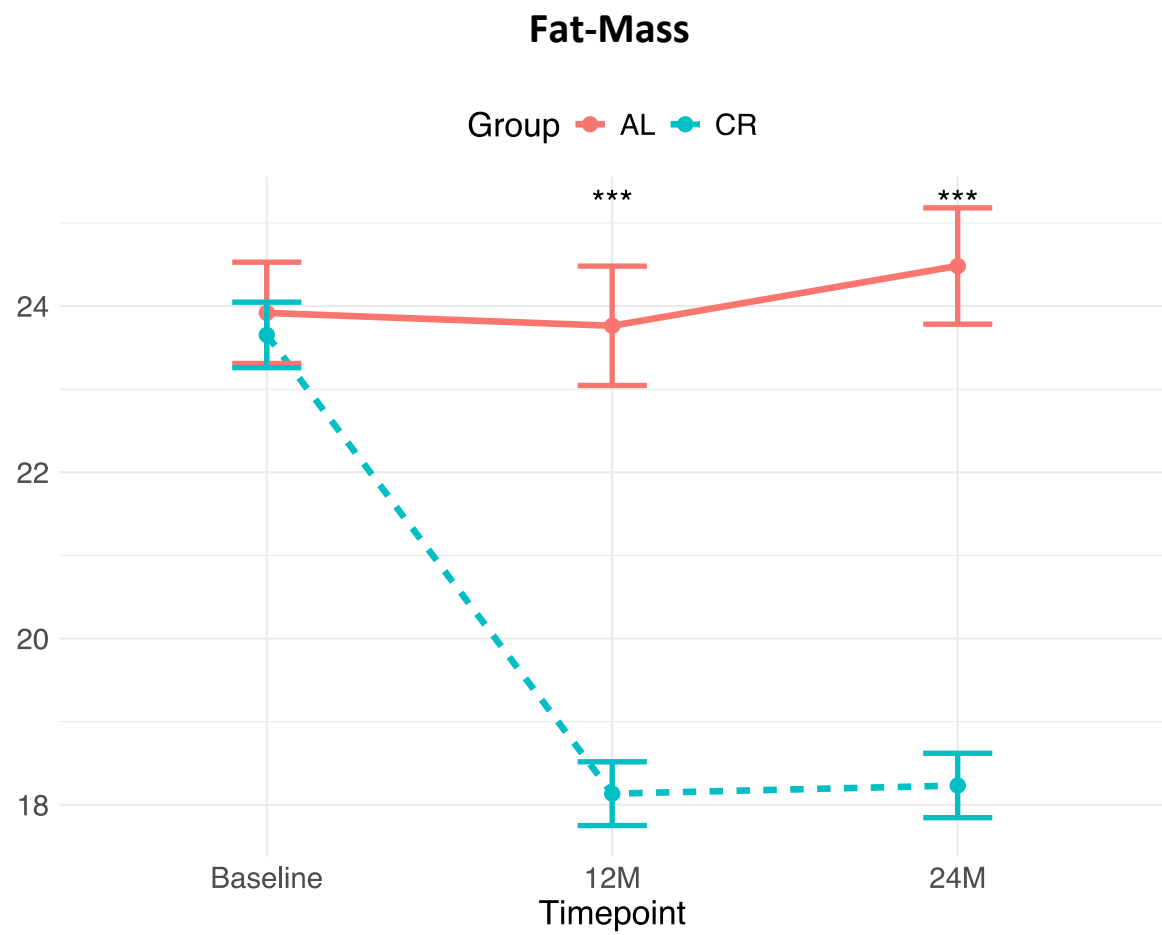


Figure S14 Fat Mass in kg. Linear mixed models were used for group interaction. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$. Mean and standard error of the mean depicted. CR = 120, AL = 71

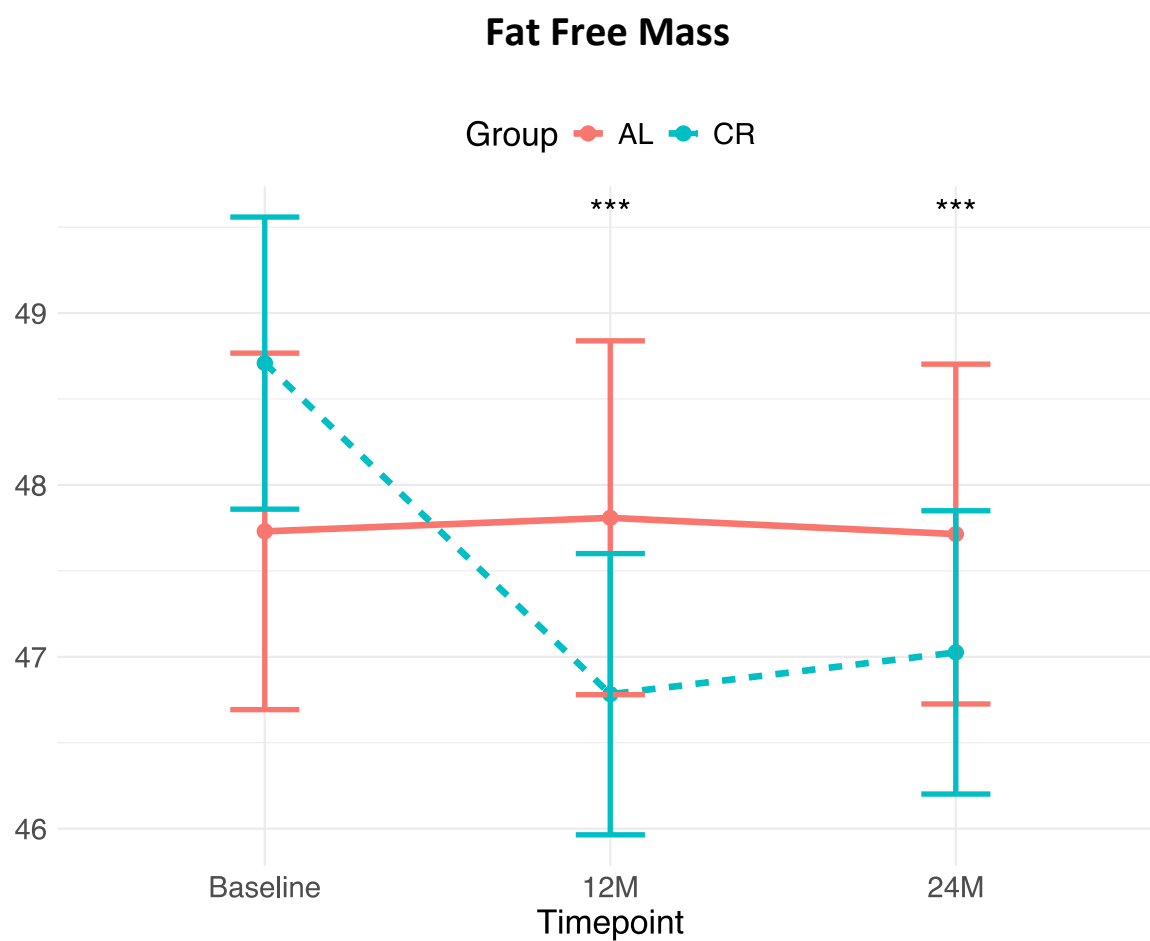


Figure S15. Fat Free Mass in kg. Linear mixed models were used for group interaction. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$. Mean and standard error of the mean depicted. CR = 120, AL = 71

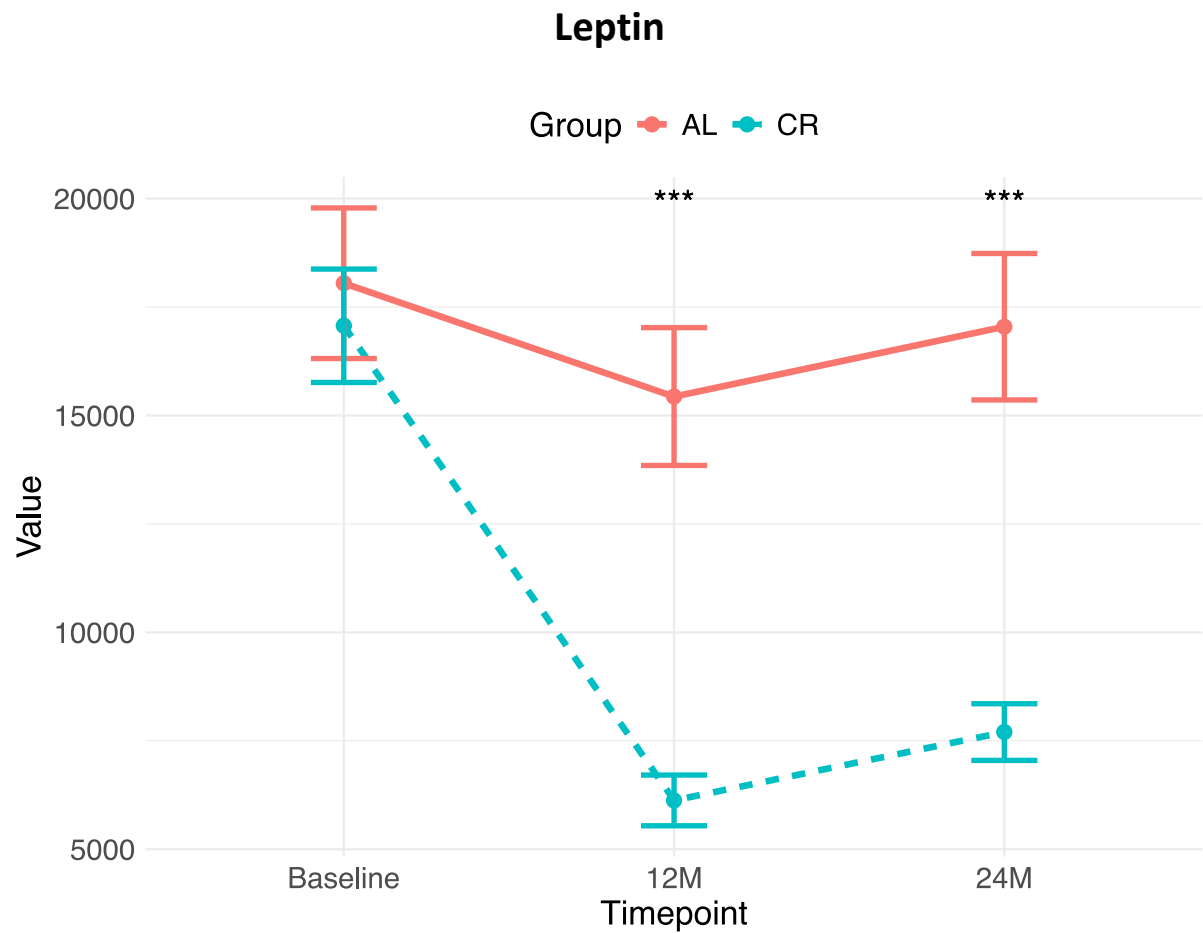


Figure S16. Leptin in pg/ml. Linear mixed models were used for group interaction. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$. Mean and standard error of the mean depicted. CR = 120, AL = 71

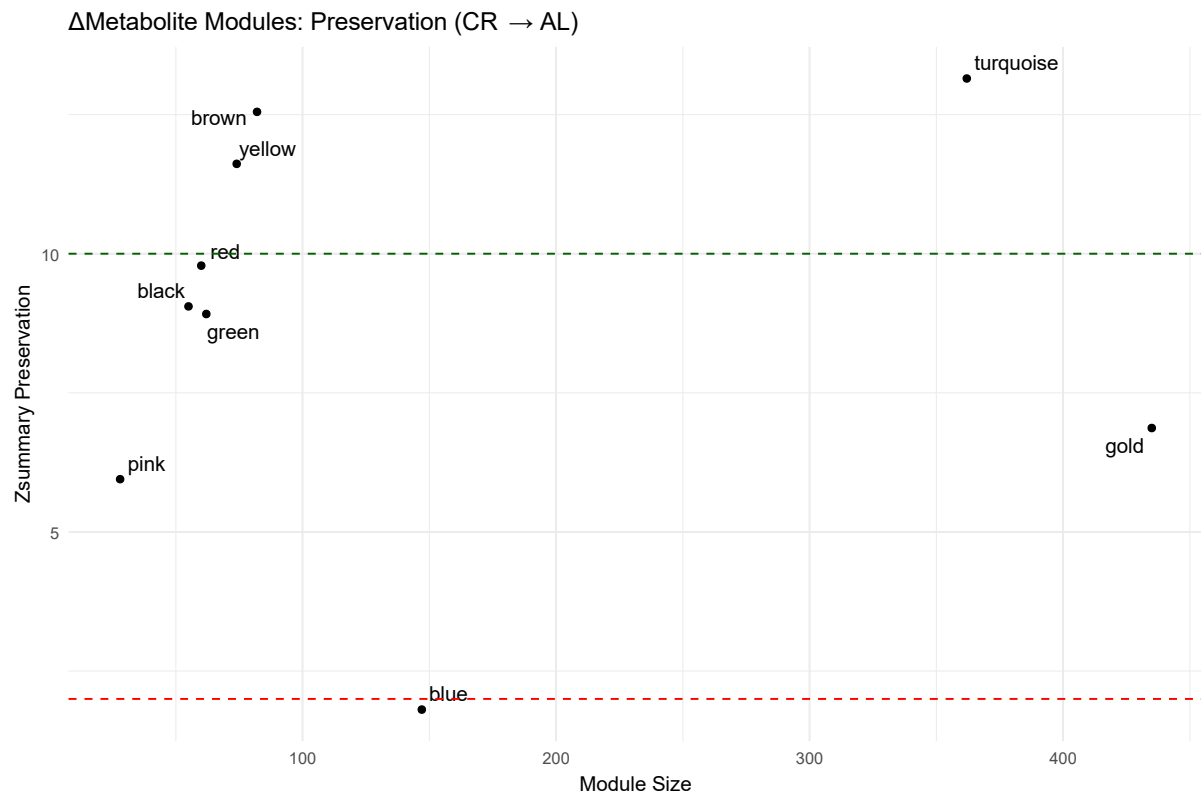


Figure S17. Results from module Weighted Metabolite Correlation Network Analysis preservation test using complex lipids ($n = 972$). Deltas between baseline and 24 months were used to assess specific changed due to caloric restriction, Simulation $n = 1,000$. Low module preservation (<2) indicates group specific modules due to the intervention

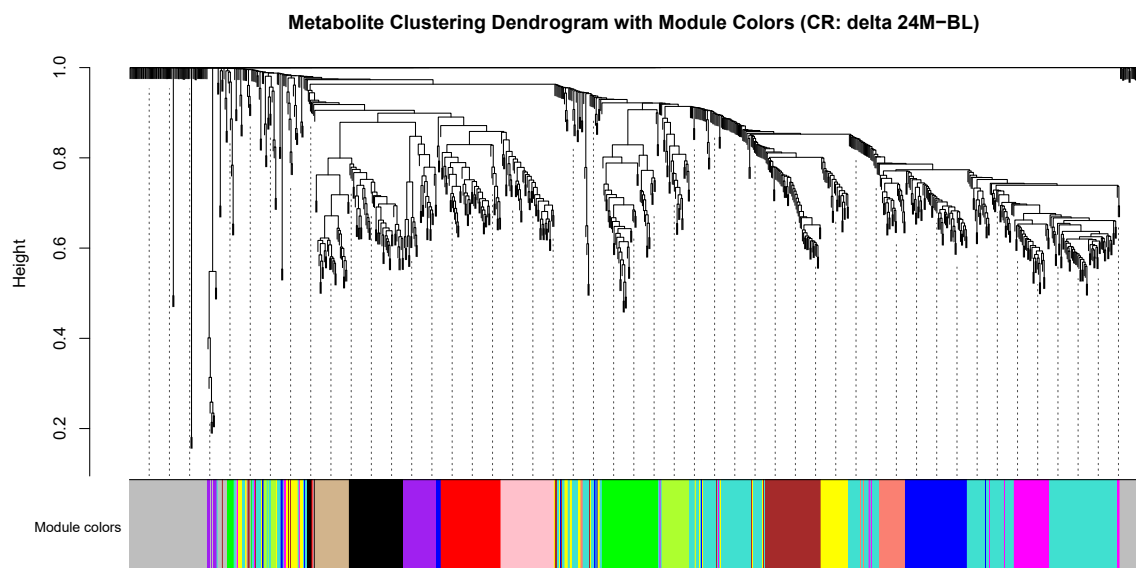


Figure S18. Weighted gene co-expression network dendrogram and module identification based on delta BL-24 months lipid metabolites. Hierarchical clustering of metabolites based on topological overlap, with branches representing modules of highly co-expressed features. Modules were identified using dynamic tree cutting and are indicated by distinct colors beneath the dendrogram. Each module corresponds to a cluster of metabolites with similar co-expression patterns across samples.

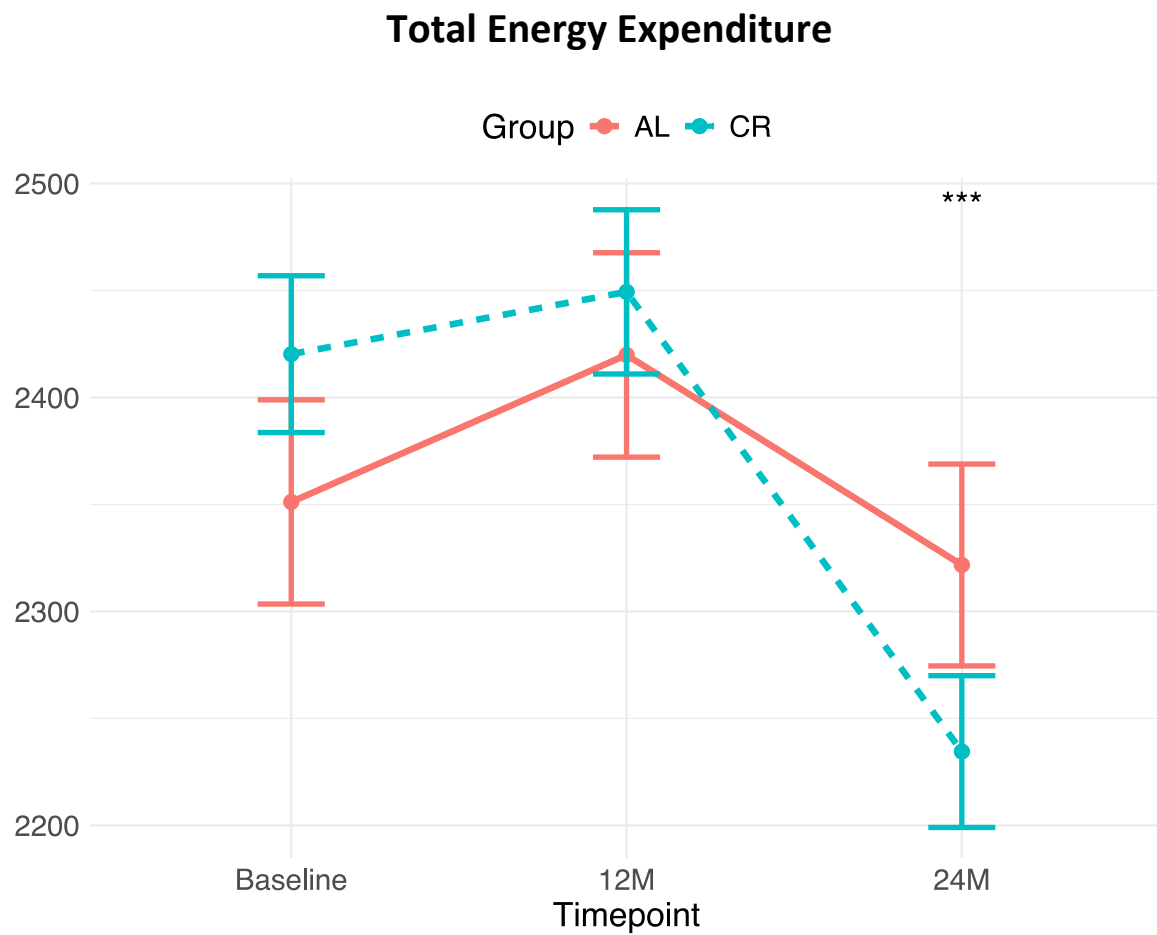


Figure S19 Total resting energy expenditure based on double labeled water in kcal/day. Linear mixed models were used for group interaction. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$. Mean and standard error of the mean depicted. CR = 120, AL = 71

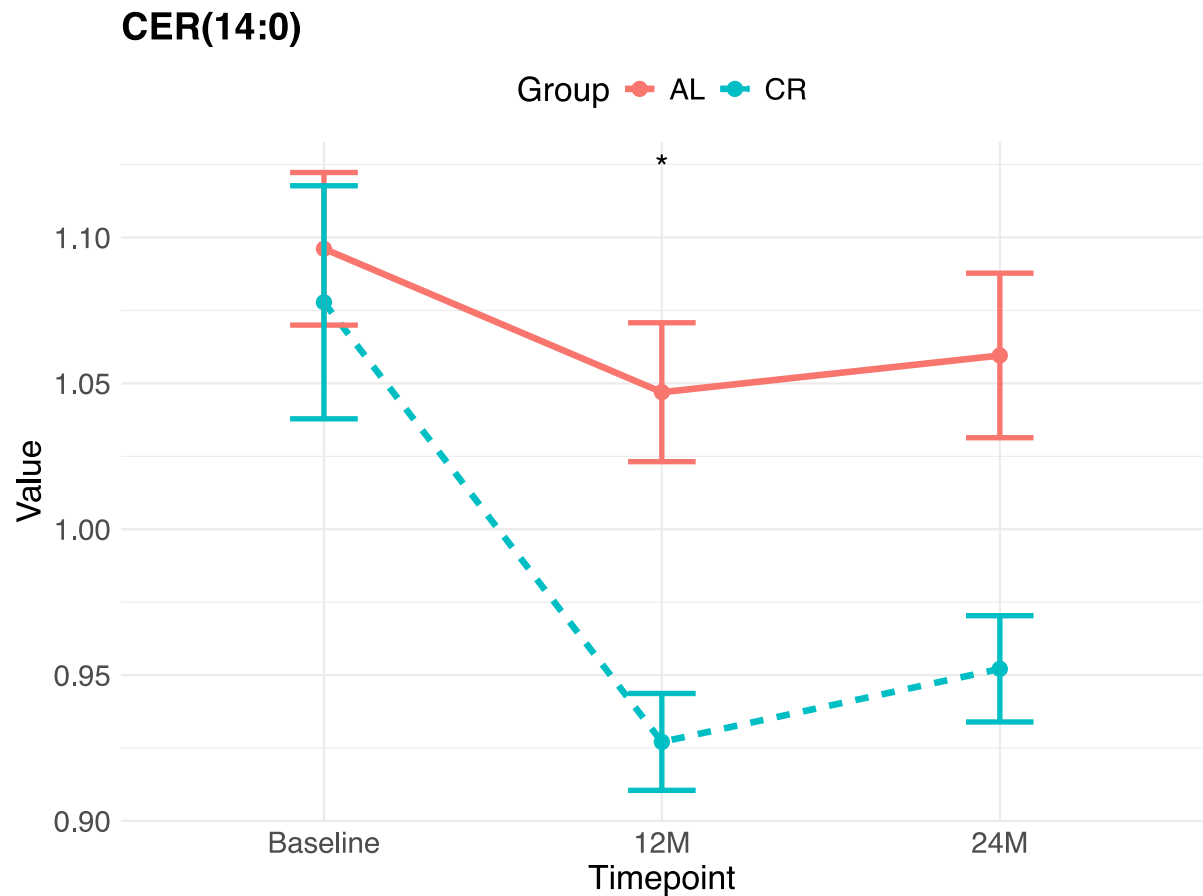


Figure S20 Ceramide(14:0). Linear mixed models were used for group interaction. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$. Mean and standard error of the mean depicted

Figure Ceramide(14:0). Linear mixed models were used for group interaction. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$. Mean and standard error of the mean depicted. CR = 120, AL = 71

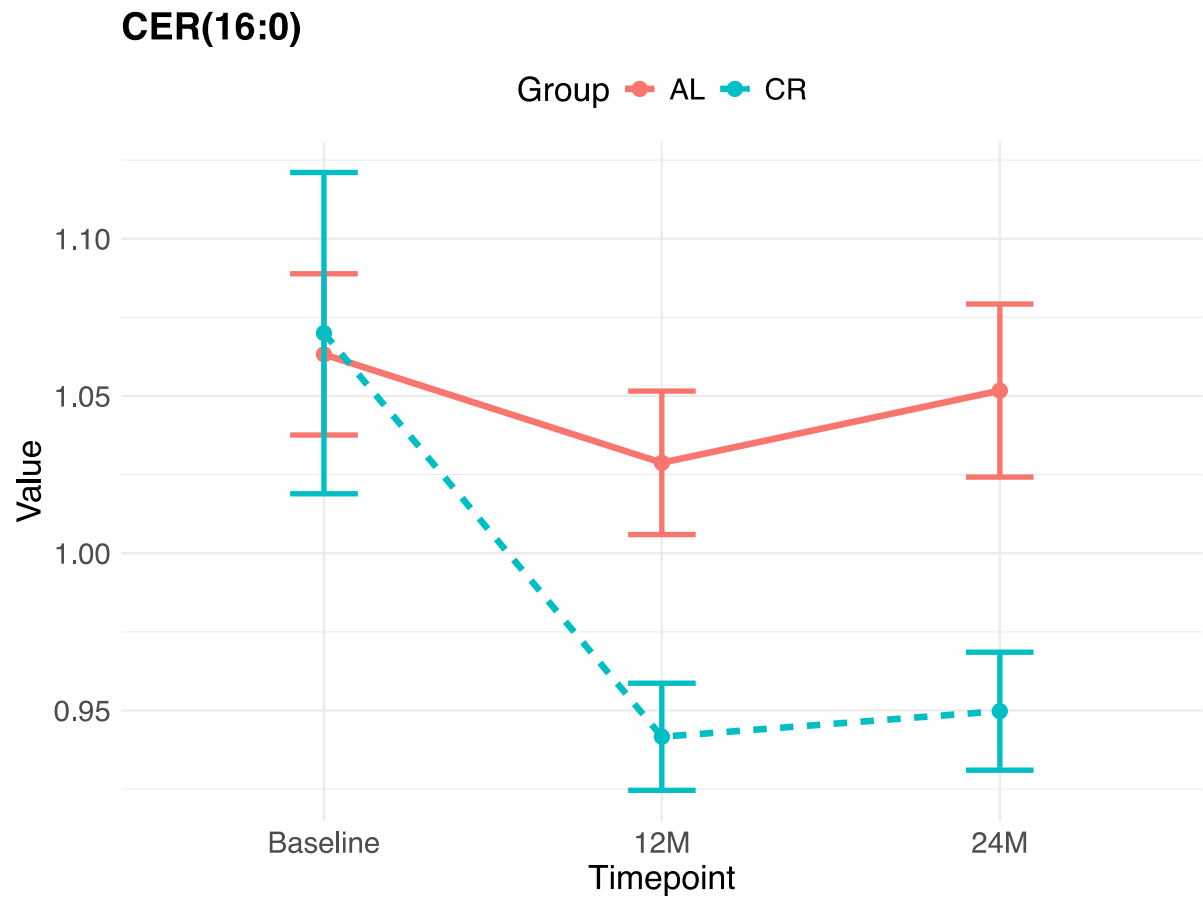


Figure S21 Ceramide(16:0). Linear mixed models were used for group interaction. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$. Mean and standard error of the mean depicted. CR = 120, AL = 71

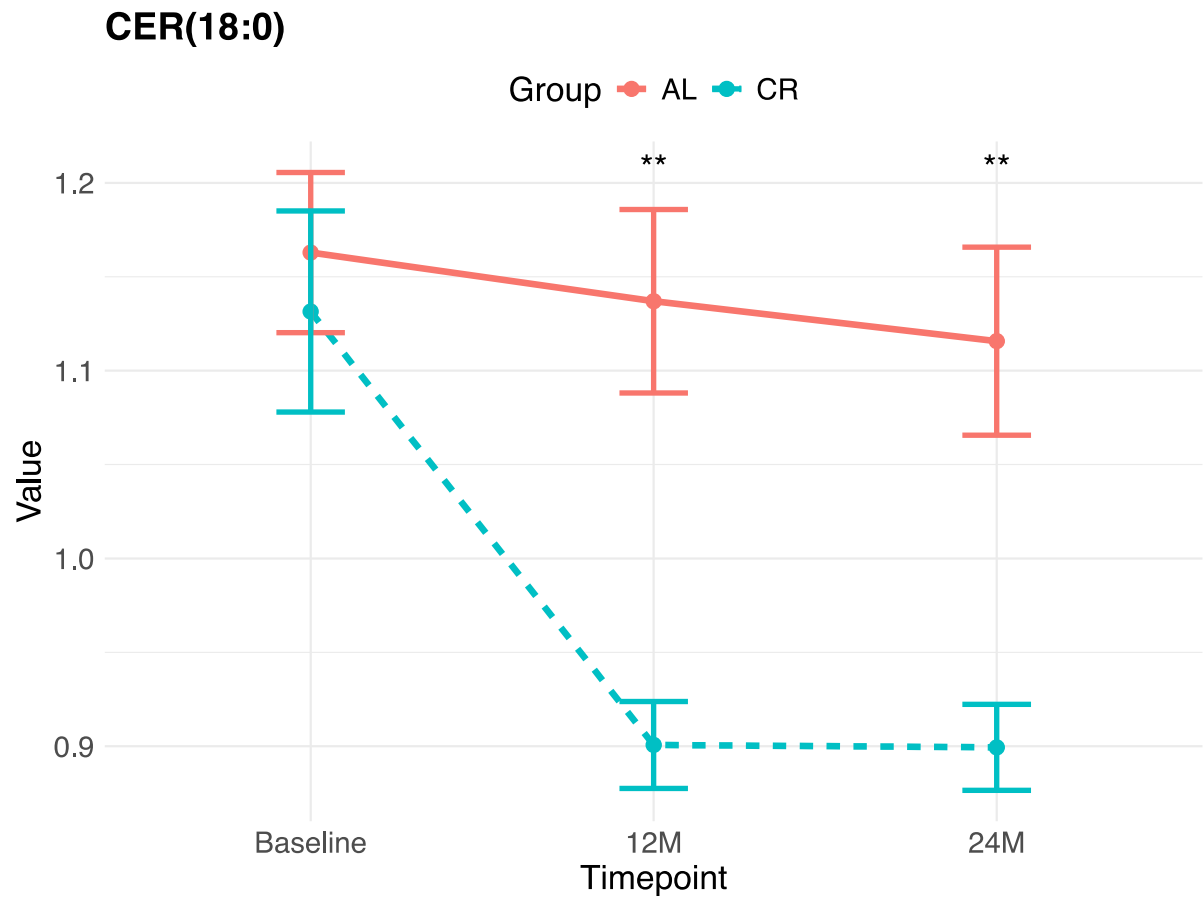


Figure S22 Ceramide(18:0). Linear mixed models were used for group interaction. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$. Mean and standard error of the mean depicted. CR = 120, AL = 71

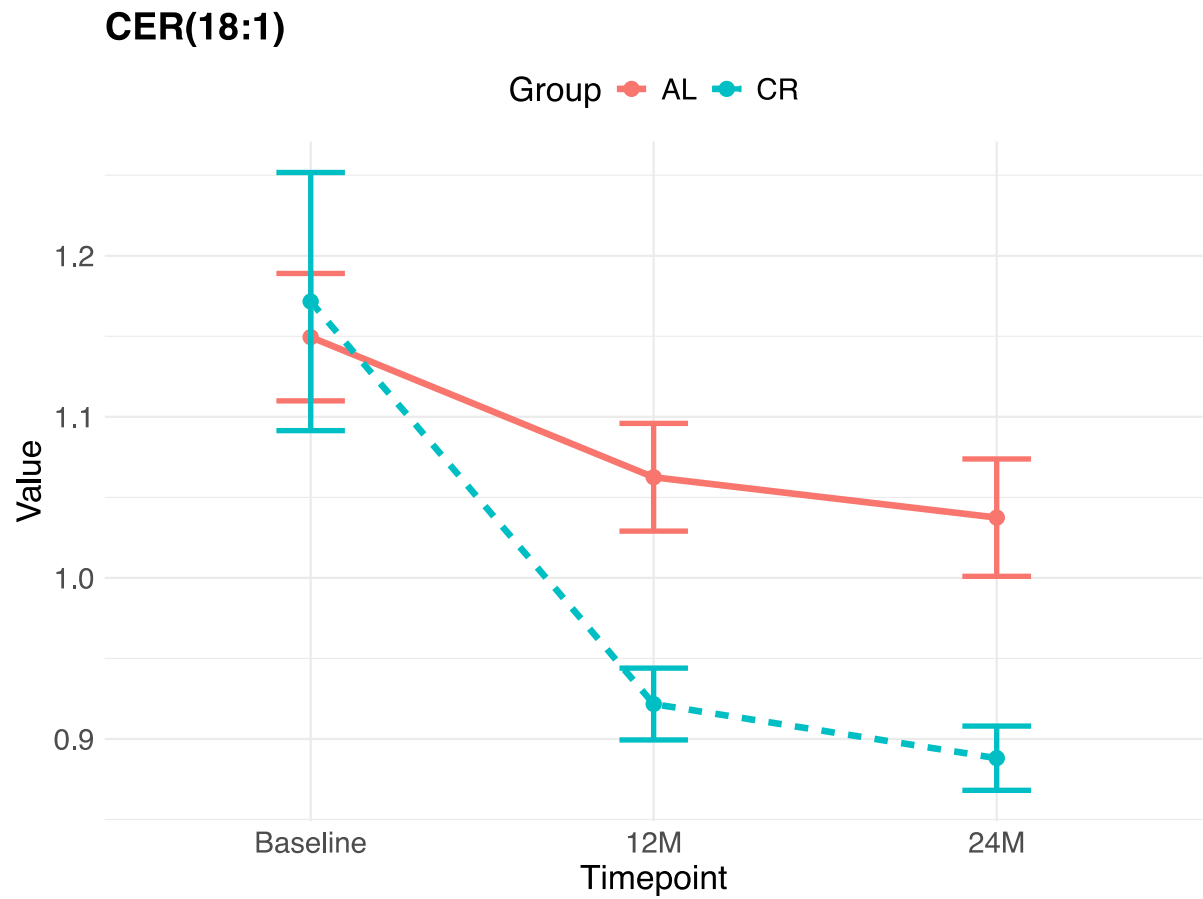


Figure S23 Ceramide(18:1). Linear mixed models were used for group interaction. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$. Mean and standard error of the mean depicted. CR = 120, AL = 71

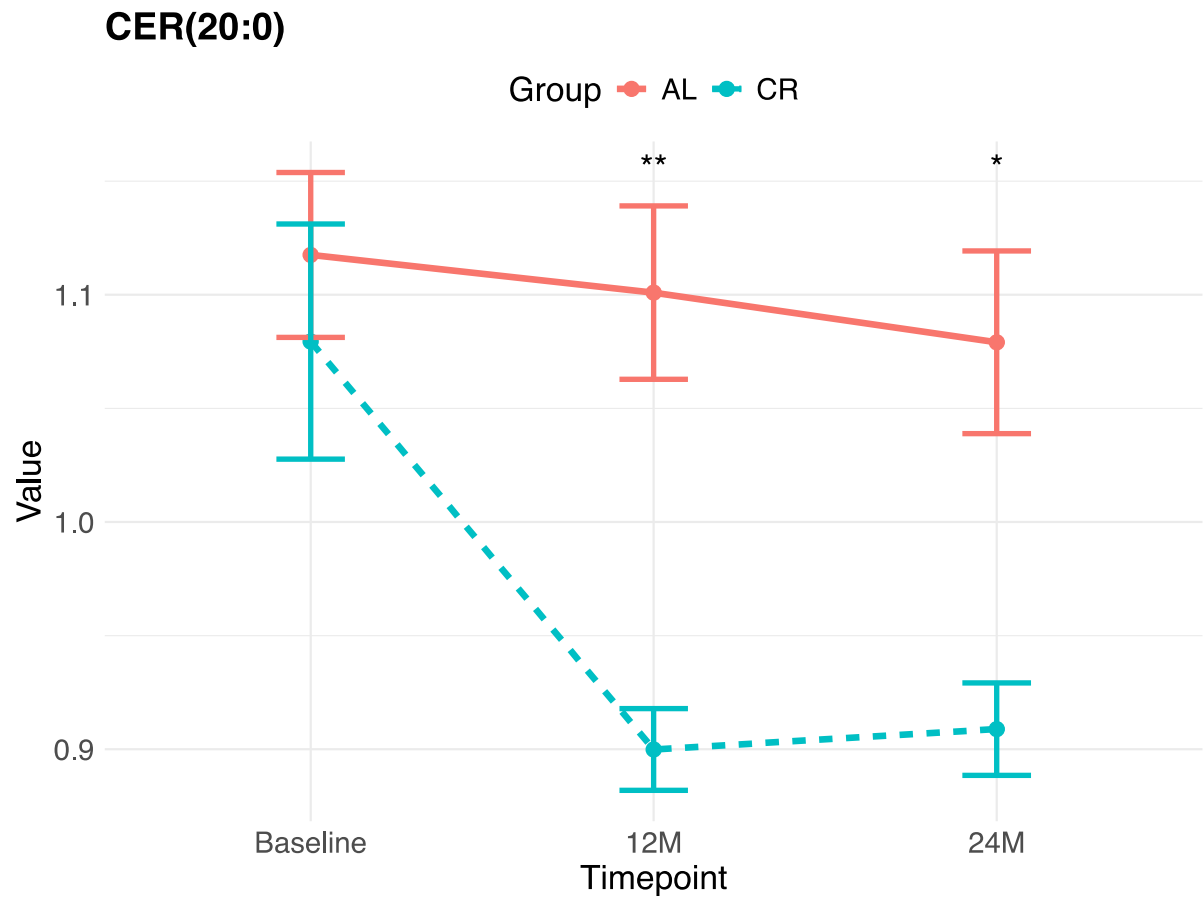


Figure S24 Ceramide(20:0). Linear mixed models were used for group interaction. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$. Mean and standard error of the mean depicted. CR = 120, AL = 71

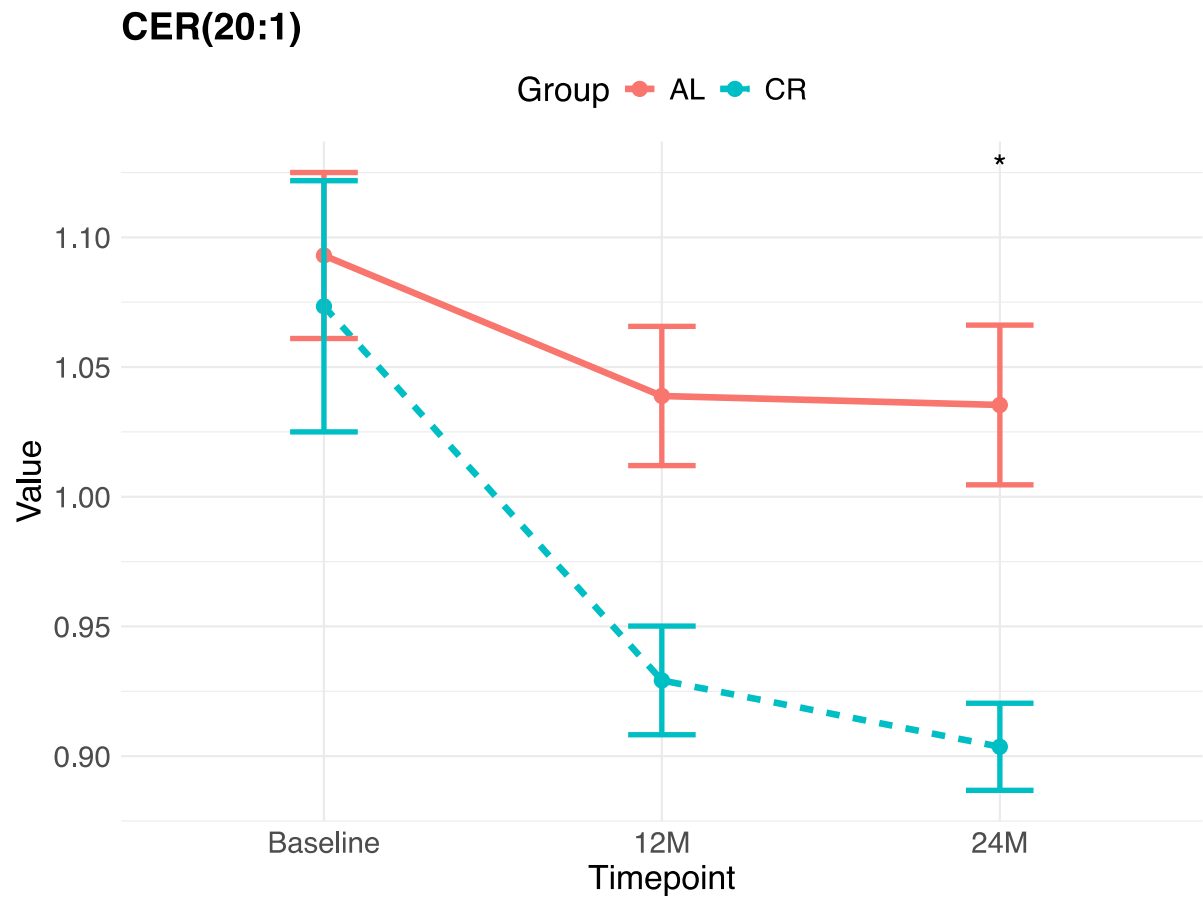


Figure S25 Ceramide(20:1). Linear mixed models were used for group interaction. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$. Mean and standard error of the mean depicted. CR = 120, AL = 71

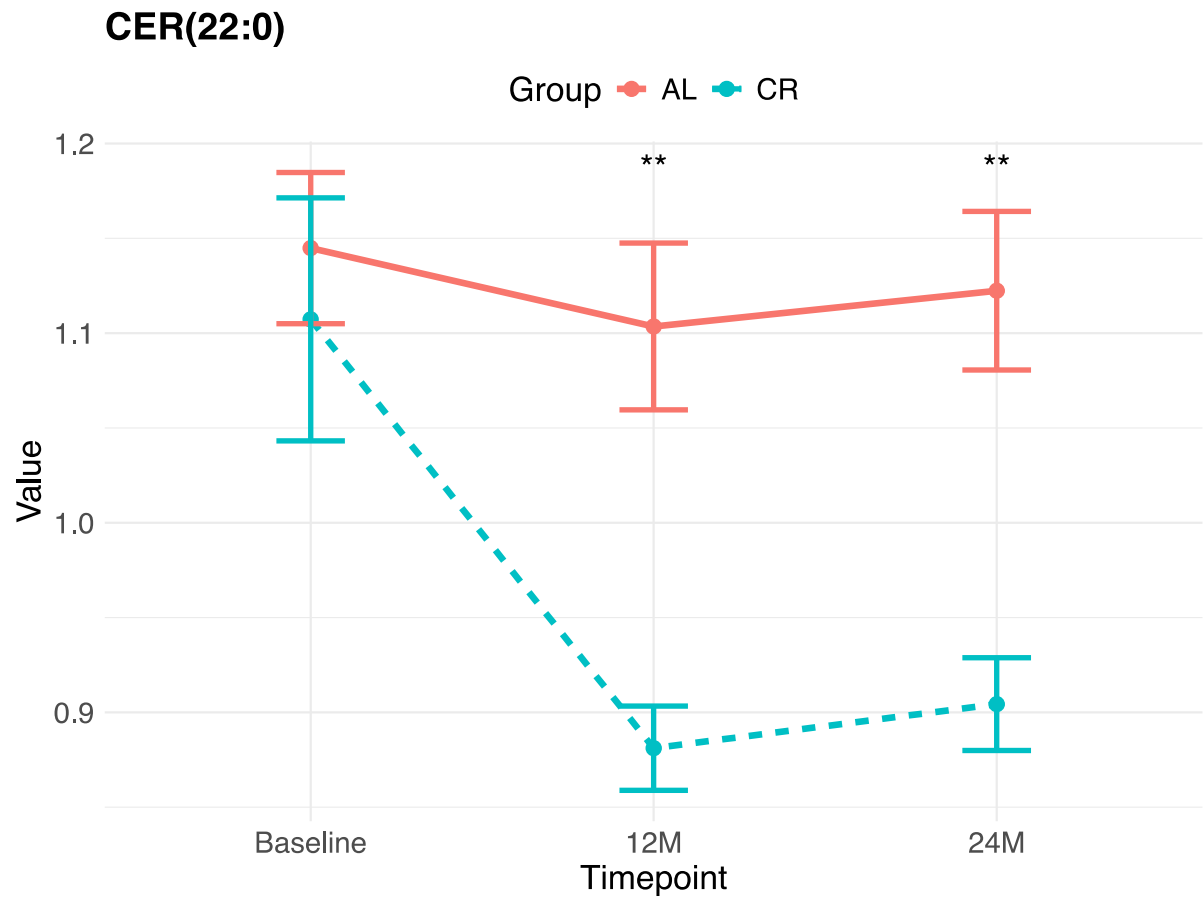


Figure S26 Ceramide(22:0). Linear mixed models were used for group interaction. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$. Mean and standard error of the mean depicted. CR = 120, AL = 71

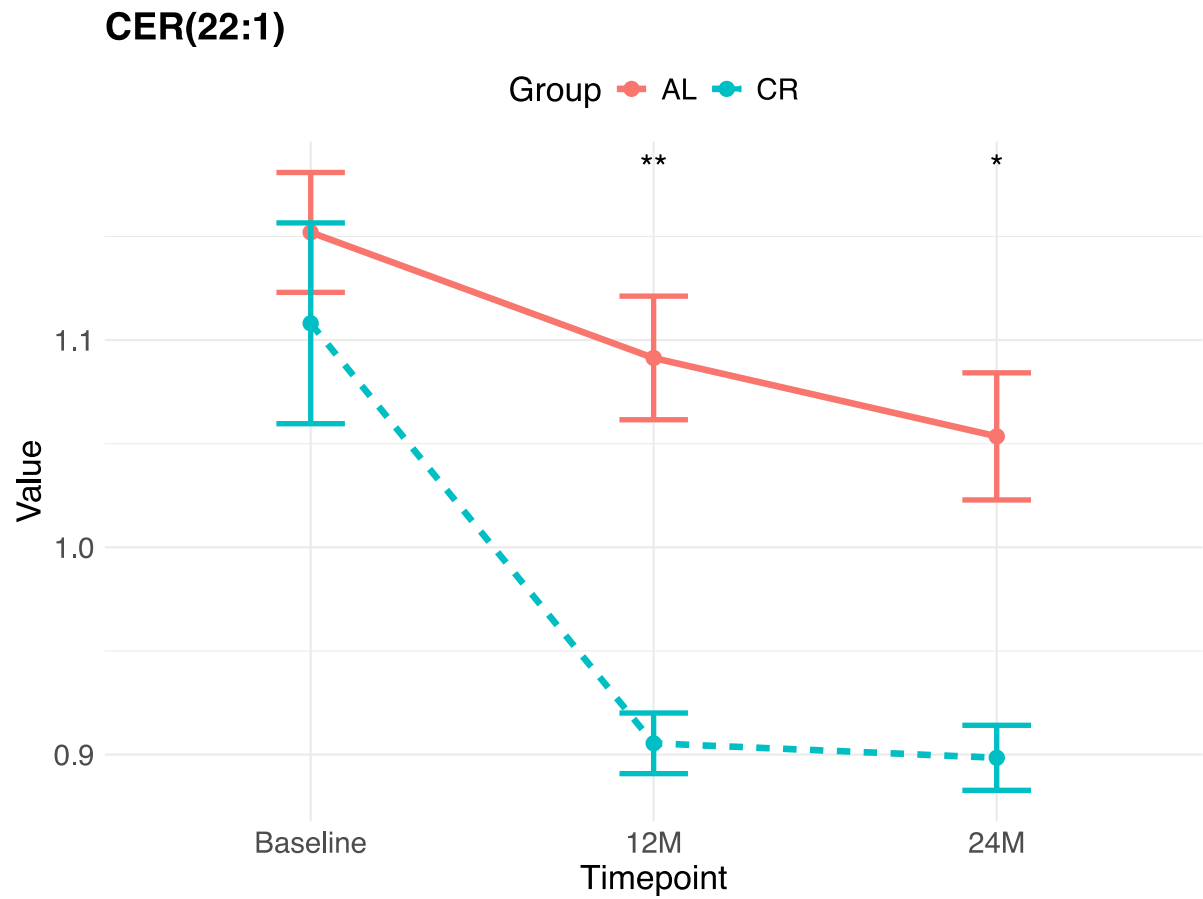


Figure S27 Ceramide(22:1). Linear mixed models were used for group interaction. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$. Mean and standard error of the mean depicted. CR = 120, AL = 71

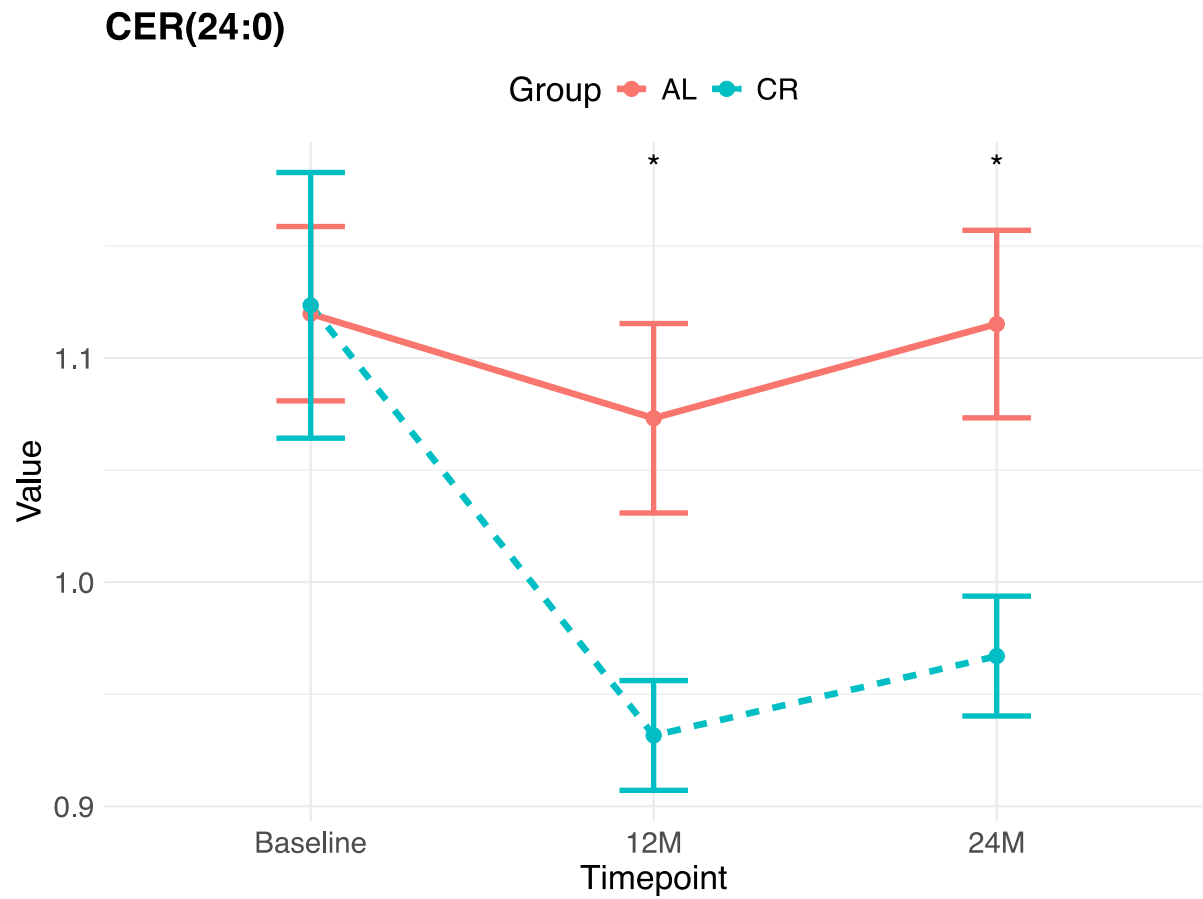


Figure S28 Ceramide(22:1). Linear mixed models were used for group interaction. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$. Mean and standard error of the mean depicted. CR = 120, AL = 71

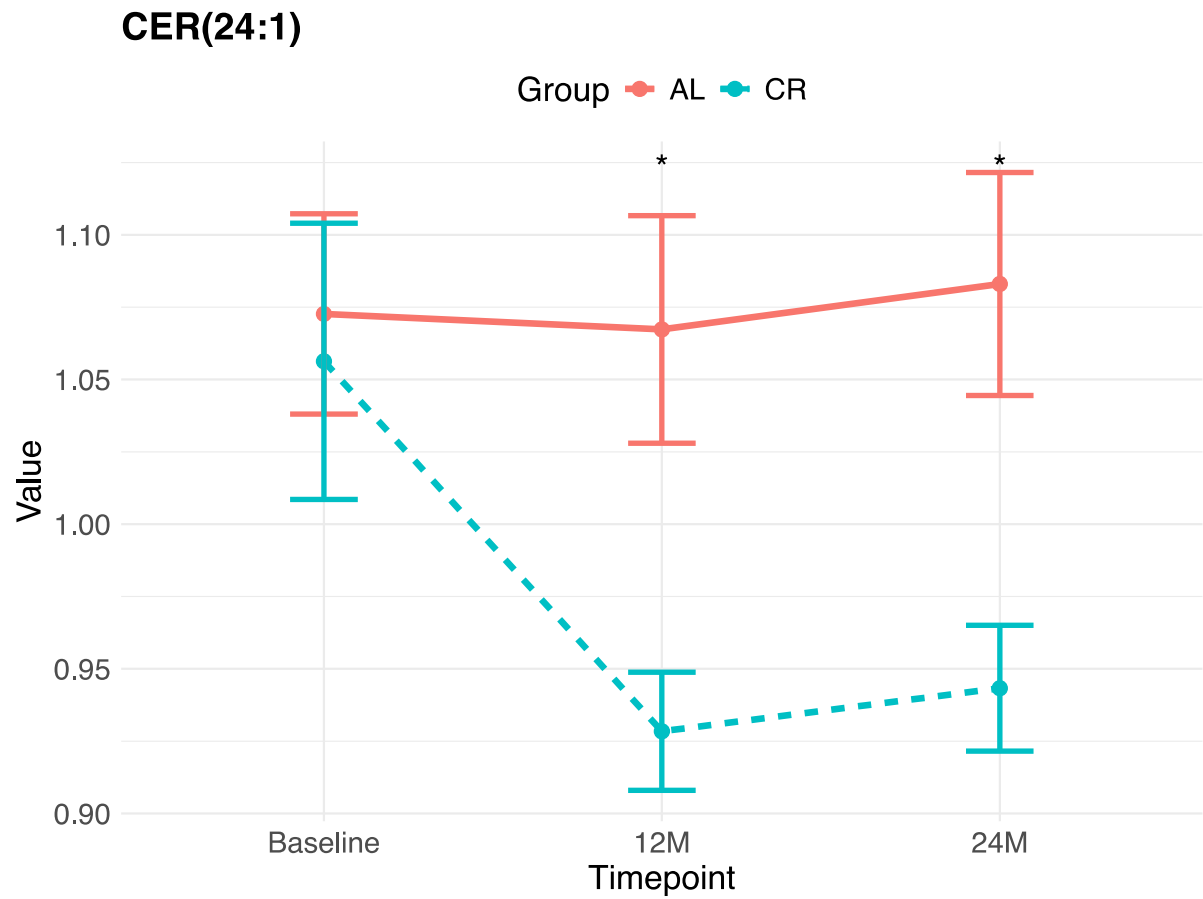


Figure S29 Ceramide(24:1). Linear mixed models were used for group interaction. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$. Mean and standard error of the mean depicted. CR = 120, AL = 71

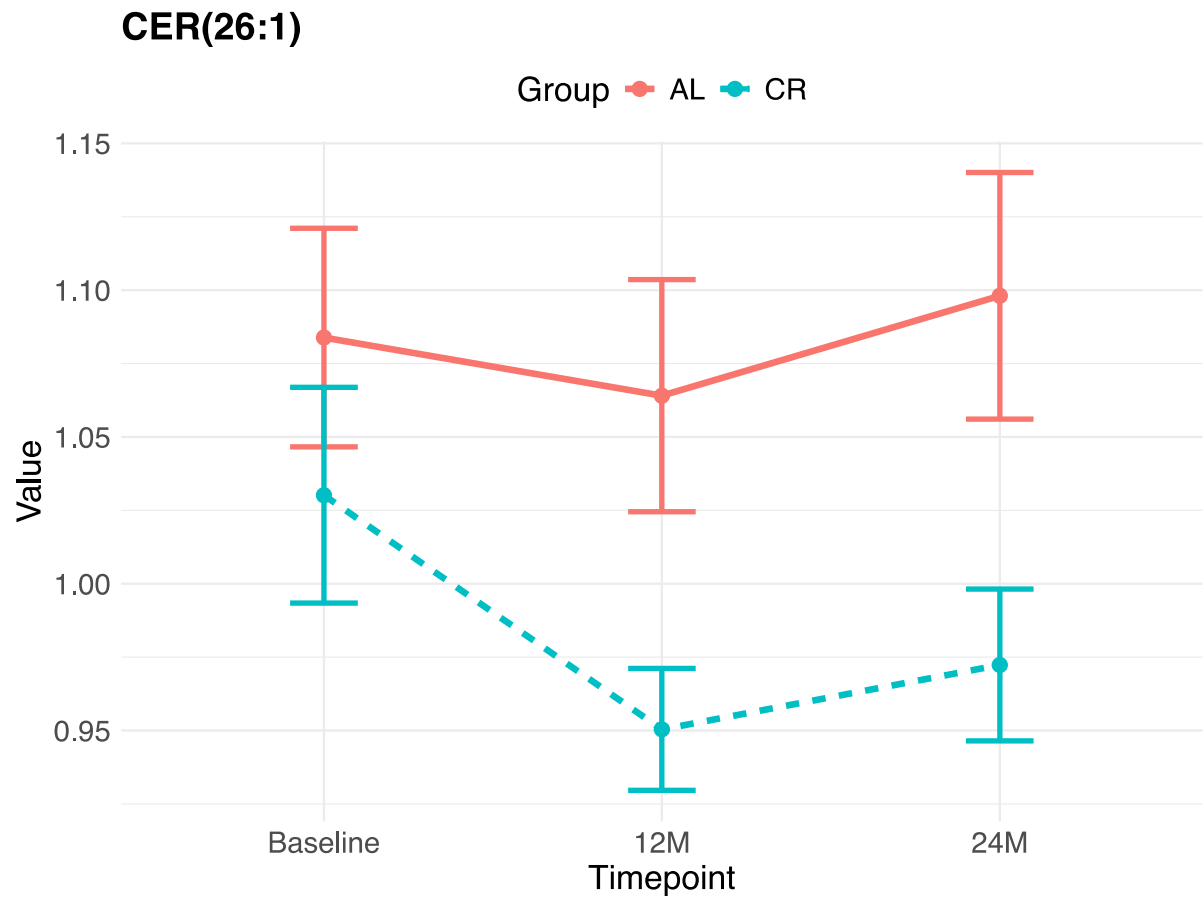


Figure S30 Ceramide(26:1). Linear mixed models were used for group interaction. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$. Mean and standard error of the mean depicted. CR = 120, AL = 71

Supplementary Tables

Table S1: Linear mixed effects models between groups across time points

Clinical variables	Comparison	Value	Std Error	DF	t value	P value	Model type
Baseline clinic weight	(Intercept)	71.70979	1.082975	373	66.21556	2.67E-208	nlme
Baseline clinic weight	TP12M	-0.47599	0.379395	373	-1.2546	0.21041	nlme
Baseline clinic weight	TP24M	0.327062	0.375365	373	0.871317	0.384141	nlme
Baseline clinic weight	txCR	0.694453	1.365975	189	0.508394	0.61177	nlme
Baseline clinic weight	TP12M:txCR	-7.99743	0.476388	373	-16.7876	1.64E-47	nlme
Baseline clinic weight	TP24M:txCR	-7.92882	0.473185	373	-16.7563	2.21E-47	nlme
v7.1: Body mass index	(Intercept)	25.16054	0.21518	373	116.928	5.39E-296	nlme
v7.1: Body mass index	TP12M	0.088933	0.132315	373	0.672131	0.501916	nlme
v7.1: Body mass index	TP24M	0.122076	0.130944	373	0.932281	0.351794	nlme
v7.1: Body mass index	txCR	0.065341	0.271282	189	0.24086	0.809925	nlme
v7.1: Body mass index	TP12M:txCR	-2.97155	0.166161	373	-17.8835	4.27E-52	nlme
v7.1: Body mass index	TP24M:txCR	-2.77423	0.165071	373	-16.8063	1.37E-47	nlme

Waist circumference (cm)	(Intercept)	81.43331	0.873345	372	93.24296	4.62E-260	nlme
Waist circumference (cm)	TP12M	0.026622	0.461803	372	0.057648	0.95406	nlme
Waist circumference (cm)	TP24M	0.911764	0.454501	372	2.006076	0.045572	nlme
Waist circumference (cm)	txCR	-0.47043	1.101249	189	-0.42718	0.669734	nlme
Waist circumference (cm)	TP12M:txCR	-6.51506	0.578759	372	-11.2569	1.70E-25	nlme
Waist circumference (cm)	TP24M:txCR	-7.08468	0.57295	372	-12.3653	1.17E-29	nlme
FM.1: Whole Body FM (clinic weight x %BF)	(Intercept)	24.02749	0.572806	373	41.94703	2.76E-143	nlme
FM.1: Whole Body FM (clinic weight x %BF)	TP12M	-0.25438	0.264754	373	-0.96082	0.337264	nlme
FM.1: Whole Body FM (clinic weight x %BF)	TP24M	0.454127	0.261965	373	1.733543	0.083826	nlme
FM.1: Whole Body FM (clinic weight x %BF)	txCR	-0.37521	0.722366	189	-0.51941	0.604079	nlme
FM.1: Whole Body FM (clinic weight x %BF)	TP12M:txCR	-5.20662	0.332451	373	-15.6613	7.64E-43	nlme

FM.1: Whole Body FM (clinic weight x %BF)	TP24M:txCR	-5.83636	0.330235	373	-17.6734	3.25E-51	nlme
FFM.1: Whole Body FFM (clinic weight - FM)	(Intercept)	47.67455	1.051782	373	45.32742	8.73E-154	nlme
FFM.1: Whole Body FFM (clinic weight - FM)	TP12M	-0.10535	0.13932	373	-0.75618	0.450016	nlme
FFM.1: Whole Body FFM (clinic weight - FM)	TP24M	0.039608	0.137827	373	0.287375	0.773985	nlme
FFM.1: Whole Body FFM (clinic weight - FM)	txCR	1.034611	1.326896	189	0.779722	0.43653	nlme
FFM.1: Whole Body FFM (clinic weight - FM)	TP12M:txCR	-1.88398	0.17493	373	-10.7699	9.86E-24	nlme
FFM.1: Whole Body FFM (clinic weight - FM)	TP24M:txCR	-1.75796	0.173743	373	-10.1182	2.00E-21	nlme
v50.1: Leptin (pg/mL)	(Intercept)	17981.29	1393.026	373	12.90808	9.08E-32	nlme
v50.1: Leptin (pg/mL)	TP12M	-2633.74	1079.983	373	-2.43868	0.015207	nlme
v50.1: Leptin (pg/mL)	TP24M	-935.791	1069.065	373	-0.87534	0.381954	nlme
v50.1: Leptin (pg/mL)	txCR	-912.752	1755.534	189	-0.51993	0.603722	nlme
v50.1: Leptin (pg/mL)	TP12M:txCR	-7977.53	1356.39	373	-5.88144	9.05E-09	nlme
v50.1: Leptin (pg/mL)	TP24M:txCR	-8372.93	1347.713	373	-6.21269	1.39E-09	nlme

Mean self-reported energy intake (kcal/day)	(Intercept)	2021.079	56.64649	365	35.67881	4.81E-121	nlme
Mean self-reported energy intake (kcal/day)	TP12M	-64.37	48.30513	365	-1.33257	0.183504	nlme
Mean self-reported energy intake (kcal/day)	TP24M	-114.432	48.30513	365	-2.36893	0.018359	nlme
Mean self-reported energy intake (kcal/day)	txCR	93.08953	71.37351	189	1.304259	0.193731	nlme
Mean self-reported energy intake (kcal/day)	TP12M:txCR	-246.908	60.68968	365	-4.06837	5.80E-05	nlme
Mean self-reported energy intake (kcal/day)	TP24M:txCR	-147.697	60.68968	365	-2.43364	0.015427	nlme
Mean derived cholesterol intake (mg)	(Intercept)	289.3713	13.12766	365	22.04286	4.55E-69	nlme
Mean derived cholesterol intake (mg)	TP12M	-15.9508	14.89013	365	-1.07124	0.284771	nlme
Mean derived cholesterol intake (mg)	TP24M	-22.538	14.89013	365	-1.51362	0.130987	nlme
Mean derived cholesterol intake (mg)	txCR	-19.4951	16.52731	189	-1.17957	0.239654	nlme
Mean derived cholesterol intake (mg)	TP12M:txCR	-44.5991	18.71459	365	-2.38312	0.017678	nlme

Mean derived cholesterol intake (mg)	TP24M:txCR	-36.3122	18.71459	365	-1.94031	0.053112	nlme
v65.1: Triglyceride (mg/dL)	(Intercept)	4.563636	0.052153	373	87.50531	1.04E-250	nlme
v65.1: Triglyceride (mg/dL)	TP12M	-0.03099	0.03813	373	-0.81287	0.416812	nlme
v65.1: Triglyceride (mg/dL)	TP24M	-0.05812	0.037741	373	-1.53995	0.12442	nlme
v65.1: Triglyceride (mg/dL)	txCR	-0.04149	0.065732	189	-0.63113	0.528716	nlme
v65.1: Triglyceride (mg/dL)	TP12M:txCR	-0.18652	0.047887	373	-3.895	0.000116	nlme
v65.1: Triglyceride (mg/dL)	TP24M:txCR	-0.14934	0.047578	373	-3.13876	0.001832	nlme
v49.1: LDL Cholesterol (mg/dL)	(Intercept)	4.627696	0.032634	372	141.8056	0	nlme
v49.1: LDL Cholesterol (mg/dL)	TP12M	-0.02735	0.023783	372	-1.14978	0.250972	nlme
v49.1: LDL Cholesterol (mg/dL)	TP24M	0.010084	0.023417	372	0.430641	0.666979	nlme
v49.1: LDL Cholesterol (mg/dL)	txCR	-0.07082	0.041132	189	-1.72173	0.086755	nlme

v49.1: LDL Cholesterol (mg/dL)	TP12M:txCR	-0.06126	0.029812	372	-2.05507	0.04057	nlme
v49.1: LDL Cholesterol (mg/dL)	TP24M:txCR	-0.09362	0.02952	372	-3.17143	0.001643	nlme
v41.1: HDL Cholesterol (mg/dL)	(Intercept)	3.873277	0.029183	373	132.7258	4.83698883783444e-316	nlme
v41.1: HDL Cholesterol (mg/dL)	TP12M	0.01603	0.016639	373	0.96342	0.335961	nlme
v41.1: HDL Cholesterol (mg/dL)	TP24M	0.010369	0.016466	373	0.629737	0.529252	nlme
v41.1: HDL Cholesterol (mg/dL)	txCR	-0.01849	0.036795	189	-0.50238	0.615982	nlme
v41.1: HDL Cholesterol (mg/dL)	TP12M:txCR	0.044798	0.020895	373	2.143994	0.032679	nlme
v41.1: HDL Cholesterol (mg/dL)	TP24M:txCR	0.074914	0.020757	373	3.60914	0.000349	nlme
v65.1: Triglyceride (mg/dL)	(Intercept)	4.563636	0.052153	373	87.50531	1.04E-250	nlme
v65.1: Triglyceride (mg/dL)	TP12M	-0.03099	0.03813	373	-0.81287	0.416812	nlme
v65.1: Triglyceride (mg/dL)	TP24M	-0.05812	0.037741	373	-1.53995	0.12442	nlme

v65.1: Triglyceride (mg/dL)	txCR	-0.04149	0.065732	189	-0.63113	0.528716	nlme
v65.1: Triglyceride (mg/dL)	TP12M:txCR	-0.18652	0.047887	373	-3.895	0.000116	nlme
v65.1: Triglyceride (mg/dL)	TP24M:txCR	-0.14934	0.047578	373	-3.13876	0.001832	nlme
Fasting glucose mg/dl (logtransformed)	(Intercept)	4.424452	0.008083	373	547.3922	0	nlme
Fasting glucose mg/dl (logtransformed)	TP12M	-0.00413	0.007402	373	-0.55735	0.577625	nlme
Fasting glucose mg/dl (logtransformed)	TP24M	-0.00956	0.007329	373	-1.30429	0.192939	nlme
Fasting glucose mg/dl (logtransformed)	txCR	-0.01528	0.010182	189	-1.5004	0.135178	nlme
Fasting glucose mg/dl (logtransformed)	TP12M:txCR	-0.0099	0.009297	373	-1.06501	0.287561	nlme
Fasting glucose mg/dl (logtransformed)	TP24M:txCR	-0.00048	0.00924	373	-0.05184	0.958684	nlme
v86.1: HOMA-IR	(Intercept)	1.22816	0.056886	373	21.58966	1.18E-67	nlme
v86.1: HOMA-IR	TP12M	-0.03974	0.057105	373	-0.69587	0.486944	nlme
v86.1: HOMA-IR	TP24M	0.011472	0.05656	373	0.202837	0.839373	nlme
v86.1: HOMA-IR	txCR	-0.12641	0.071644	189	-1.76437	0.079285	nlme
v86.1: HOMA-IR	TP12M:txCR	-0.27542	0.071738	373	-3.83924	0.000145	nlme

v86.1: HOMA-IR	TP24M:txCR	-0.33363	0.071305	373	-4.67895	4.04E-06	nlme
v72.1: Insulin - fasting (uIU/mL)	(Intercept)	1.672145	0.0566	373	29.54322	1.04E-99	nlme
v72.1: Insulin - fasting (uIU/mL)	TP12M	-0.05642	0.0564	373	-1.00031	0.317808	nlme
v72.1: Insulin - fasting (uIU/mL)	TP24M	0.029395	0.05586	373	0.526227	0.599043	nlme
v72.1: Insulin - fasting (uIU/mL)	txCR	-0.09439	0.071285	189	-1.32414	0.187057	nlme
v72.1: Insulin - fasting (uIU/mL)	TP12M:txCR	-0.24617	0.070852	373	-3.4744	0.000572	nlme
v72.1: Insulin - fasting (uIU/mL)	TP24M:txCR	-0.3581	0.070423	373	-5.08507	5.83E-07	nlme
v84.1: AUC Glucose from OGTT (mg hr/dL)	(Intercept)	5.546467	0.020841	323	266.1311	0	nlme
v84.1: AUC Glucose from OGTT (mg hr/dL)	TP12M	0.010168	0.019548	323	0.520166	0.603304	nlme
v84.1: AUC Glucose from OGTT (mg hr/dL)	TP24M	0.011172	0.019344	323	0.577548	0.563972	nlme
v84.1: AUC Glucose from OGTT (mg hr/dL)	txCR	0.018988	0.026523	187	0.715916	0.474936	nlme
v84.1: AUC Glucose from OGTT (mg hr/dL)	TP12M:txCR	-0.02667	0.02475	323	-1.07766	0.281991	nlme
v84.1: AUC Glucose from OGTT (mg hr/dL)	TP24M:txCR	-0.01522	0.024562	323	-0.61967	0.535911	nlme

v85.1: AUC Insulin from OGTT (uIU- hr/mL)	(Intercept)	4.467224	0.063623	283	70.21353	4.45E-181	nlme
v85.1: AUC Insulin from OGTT (uIU- hr/mL)	TP12M	0.064562	0.059468	283	1.085671	0.278548	nlme
v85.1: AUC Insulin from OGTT (uIU- hr/mL)	TP24M	0.110245	0.054962	283	2.005833	0.045826	nlme
v85.1: AUC Insulin from OGTT (uIU- hr/mL)	txCR	0.037793	0.080464	186	0.469684	0.639131	nlme
v85.1: AUC Insulin from OGTT (uIU- hr/mL)	TP12M:txCR	-0.31913	0.074423	283	-4.28808	2.47E-05	nlme
v85.1: AUC Insulin from OGTT (uIU- hr/mL)	TP24M:txCR	-0.28289	0.069491	283	-4.07086	6.08E-05	nlme
v35.1: CRP (C- Reactive Protein) (ug/mL)	(Intercept)	-0.44632	0.154835	373	-2.88255	0.004173	nlme
v35.1: CRP (C- Reactive Protein) (ug/mL)	TP12M	0.047292	0.132568	373	0.356738	0.72149	nlme
v35.1: CRP (C- Reactive Protein) (ug/mL)	TP24M	-0.01385	0.13125	373	-0.10553	0.916015	nlme

v35.1: CRP (C-Reactive Protein) (ug/mL)	txCR	-0.07417	0.195085	189	-0.38018	0.704236	nlme
v35.1: CRP (C-Reactive Protein) (ug/mL)	TP12M:txCR	-0.50717	0.166509	373	-3.04587	0.002485	nlme
v35.1: CRP (C-Reactive Protein) (ug/mL)	TP24M:txCR	-0.40391	0.165462	373	-2.4411	0.015107	nlme
v64.1: TNF-a (pg/mL)	(Intercept)	1.060476	0.048032	371	22.07857	1.42E-69	nlme
v64.1: TNF-a (pg/mL)	TP12M	-0.11125	0.044285	371	-2.51224	0.01242	nlme
v64.1: TNF-a (pg/mL)	TP24M	-0.1564	0.043851	371	-3.56659	0.000409	nlme
v64.1: TNF-a (pg/mL)	txCR	0.105726	0.060507	189	1.747341	0.082202	nlme
v64.1: TNF-a (pg/mL)	TP12M:txCR	-0.00598	0.055627	371	-0.10743	0.914507	nlme
v64.1: TNF-a (pg/mL)	TP24M:txCR	-0.11879	0.055403	371	-2.14411	0.032674	nlme
v43.1: IGF1 (ng/mL)	(Intercept)	5.169122	0.033465	372	154.4637	0	nlme
v43.1: IGF1 (ng/mL)	TP12M	-0.11399	0.027569	372	-4.13473	4.40E-05	nlme
v43.1: IGF1 (ng/mL)	TP24M	-0.09892	0.027293	372	-3.62432	0.00033	nlme
v43.1: IGF1 (ng/mL)	txCR	-0.04436	0.042199	189	-1.05123	0.294493	nlme
v43.1: IGF1 (ng/mL)	TP12M:txCR	0.086163	0.034663	372	2.485728	0.013367	nlme
v43.1: IGF1 (ng/mL)	TP24M:txCR	0.037135	0.034444	372	1.078135	0.281672	nlme

v70.1: IGFBP1 (pg/mL)	(Intercept)	7.943803	0.102289	373	77.66048	2.23E-232	nlme
v70.1: IGFBP1 (pg/mL)	TP12M	0.297952	0.092728	373	3.213182	0.001427	nlme
v70.1: IGFBP1 (pg/mL)	TP24M	0.137	0.091817	373	1.492091	0.136521	nlme
v70.1: IGFBP1 (pg/mL)	txCR	0.216541	0.128861	189	1.680425	0.094527	nlme
v70.1: IGFBP1 (pg/mL)	TP12M:txCR	0.180196	0.116475	373	1.547074	0.122693	nlme
v70.1: IGFBP1 (pg/mL)	TP24M:txCR	0.262943	0.115752	373	2.271613	0.023679	nlme
v71.1: IGFBP3 (ng/mL)	(Intercept)	2532.052	56.81573	373	44.56604	1.81E-151	nlme
v71.1: IGFBP3 (ng/mL)	TP12M	6.336312	49.79632	373	0.127245	0.898815	nlme
v71.1: IGFBP3 (ng/mL)	TP24M	46.65722	49.30362	373	0.946324	0.344596	nlme
v71.1: IGFBP3 (ng/mL)	txCR	-65.0143	71.58114	189	-0.90826	0.364898	nlme
v71.1: IGFBP3 (ng/mL)	TP12M:txCR	133.8675	62.54698	373	2.140271	0.032981	nlme
v71.1: IGFBP3 (ng/mL)	TP24M:txCR	93.26007	62.15543	373	1.500433	0.134348	nlme
Matsuda_Index	(Intercept)	7.912224	0.558561	282	14.16538	9.05E-35	nlme
Matsuda_Index	TP12M	-0.13377	0.597528	282	-0.22388	0.823017	nlme
Matsuda_Index	TP24M	-0.77864	0.555198	282	-1.40245	0.161882	nlme
Matsuda_Index	txCR	0.136204	0.708794	186	0.192163	0.847824	nlme
Matsuda_Index	TP12M:txCR	2.165211	0.749583	282	2.888554	0.00417	nlme
Matsuda_Index	TP24M:txCR	2.622085	0.703165	282	3.728976	0.000232	nlme
igf1_igfbp1_ratio	(Intercept)	0.661499	0.010449	372	63.30634	2.81E-201	nlme

igf1_igfbp1_ratio	TP12M	-0.03742	0.009018	372	-4.14939	4.14E-05	nlme
igf1_igfbp1_ratio	TP24M	-0.02601	0.008929	372	-2.91294	0.003797	nlme
igf1_igfbp1_ratio	txCR	-0.02471	0.013176	189	-1.87553	0.062262	nlme
igf1_igfbp1_ratio	TP12M:txCR	-0.00351	0.011339	372	-0.3098	0.756883	nlme
igf1_igfbp1_ratio	TP24M:txCR	-0.01304	0.011268	372	-1.15684	0.248078	nlme
v15.1: Mean Systolic BP (mmHg)	(Intercept)	111.5854	1.268571	372	87.96152	4.76E-251	nlme
v15.1: Mean Systolic BP (mmHg)	TP12M	2.373431	1.096218	372	2.16511	0.031014	nlme
v15.1: Mean Systolic BP (mmHg)	TP24M	2.121171	1.07977	372	1.964465	0.05022	nlme
v15.1: Mean Systolic BP (mmHg)	txCR	1.194459	1.598325	189	0.747319	0.4558	nlme
v15.1: Mean Systolic BP (mmHg)	TP12M:txCR	-4.68255	1.37431	372	-3.4072	0.000728	nlme
v15.1: Mean Systolic BP (mmHg)	TP24M:txCR	-4.66301	1.361227	372	-3.42559	0.000682	nlme
v16.1: Mean Diastolic BP (mmHg)	(Intercept)	71.30837	0.970564	372	73.47107	1.49E-223	nlme
v16.1: Mean Diastolic BP (mmHg)	TP12M	1.540635	0.801379	372	1.92248	0.055309	nlme
v16.1: Mean Diastolic BP (mmHg)	TP24M	1.902895	0.789254	372	2.411003	0.016393	nlme

v16.1: Mean Diastolic BP (mmHg)	txCR	1.135377	1.222983	189	0.928367	0.354401	nlme
v16.1: Mean Diastolic BP (mmHg)	TP12M:txCR	-5.10835	1.004622	372	-5.08484	5.84E-07	nlme
v16.1: Mean Diastolic BP (mmHg)	TP24M:txCR	-5.34462	0.994977	372	-5.37159	1.38E-07	nlme
v20.1: Adinopectin	(Intercept)	4983.282	350.2502	373	14.22778	5.32E-37	nlme
v20.1: Adinopectin	TP12M	-437.664	196.8343	373	-2.22352	0.026779	nlme
v20.1: Adinopectin	TP24M	-1038.38	194.781	373	-5.33102	1.70E-07	nlme
v20.1: Adinopectin	txCR	-303.97	441.6181	189	-0.68831	0.492102	nlme
v20.1: Adinopectin	TP12M:txCR	1375.232	247.1761	373	5.563775	5.05E-08	nlme
v20.1: Adinopectin	TP24M:txCR	1411.566	245.5441	373	5.748728	1.87E-08	nlme
v21.1: Adinopectin	(Intercept)	11056.94	606.9187	373	18.21815	1.68E-53	nlme
v21.1: Adinopectin	TP12M	-623.028	459.7529	373	-1.35514	0.176194	nlme
v21.1: Adinopectin	TP24M	-1080.58	455.0897	373	-2.37444	0.018081	nlme
v21.1: Adinopectin	txCR	-380.045	764.8932	189	-0.49686	0.619865	nlme
v21.1: Adinopectin	TP12M:txCR	1895.684	577.412	373	3.28307	0.001124	nlme
v21.1: Adinopectin	TP24M:txCR	1886.091	573.7059	373	3.287558	0.001107	nlme

v23.1: Cholesterol Total (mg/dL)	(Intercept)	177.0755	3.65305	373	48.47333	4.41E-163	nlme
v23.1: Cholesterol Total (mg/dL)	TP12M	-2.79518	2.659305	373	-1.05109	0.293896	nlme
v23.1: Cholesterol Total (mg/dL)	TP24M	1.178025	2.632193	373	0.447545	0.654741	nlme
v23.1: Cholesterol Total (mg/dL)	txCR	-8.85883	4.604248	189	-1.92406	0.05585	nlme
v23.1: Cholesterol Total (mg/dL)	TP12M:txCR	-7.9745	3.339791	373	-2.38772	0.01745	nlme
v23.1: Cholesterol Total (mg/dL)	TP24M:txCR	-8.98204	3.318244	373	-2.70687	0.007104	nlme
v25.1: C-Peptide S - fasting (pmol/L)	(Intercept)	475.0084	16.52256	364	28.74908	1.09E-95	nlme
v25.1: C-Peptide S - fasting (pmol/L)	TP12M	58.89604	15.23732	364	3.86525	0.000131	nlme
v25.1: C-Peptide S - fasting (pmol/L)	TP24M	92.93919	15.16192	364	6.129777	2.29E-09	nlme
v25.1: C-Peptide S - fasting (pmol/L)	txCR	4.316587	20.81377	189	0.207391	0.835928	nlme
v25.1: C-Peptide S - fasting (pmol/L)	TP12M:txCR	-95.3964	19.16027	364	-4.97887	9.89E-07	nlme

v25.1: C-Peptide S - fasting (pmol/L)	TP24M:txCR	-104.4	19.23012	364	-5.42899	1.04E-07	nlme
v30.1: C-Peptide - fasting (ng/mL)	(Intercept)	1.439414	0.05	370	28.78808	1.78E-96	nlme
v30.1: C-Peptide - fasting (ng/mL)	TP12M	0.178477	0.045998	370	3.880108	0.000124	nlme
v30.1: C-Peptide - fasting (ng/mL)	TP24M	0.283122	0.045548	370	6.215923	1.38E-09	nlme
v30.1: C-Peptide - fasting (ng/mL)	txCR	0.013086	0.062987	189	0.207766	0.835636	nlme
v30.1: C-Peptide - fasting (ng/mL)	TP12M:txCR	-0.28796	0.057779	370	-4.9839	9.59E-07	nlme
v30.1: C-Peptide - fasting (ng/mL)	TP24M:txCR	-0.32128	0.05761	370	-5.57687	4.73E-08	nlme
v42.1: ICAM1 (ng/mL)	(Intercept)	164.2883	4.834447	370	33.98285	7.92E-116	nlme
v42.1: ICAM1 (ng/mL)	TP12M	1.895943	3.224279	370	0.588021	0.556877	nlme
v42.1: ICAM1 (ng/mL)	TP24M	-11.8049	3.191006	370	-3.69944	0.000249	nlme
v42.1: ICAM1 (ng/mL)	txCR	0.828438	6.092026	189	0.135987	0.891976	nlme
v42.1: ICAM1 (ng/mL)	TP12M:txCR	-14.9078	4.050397	370	-3.68058	0.000267	nlme
v42.1: ICAM1 (ng/mL)	TP24M:txCR	-4.95682	4.019413	370	-1.23322	0.218277	nlme
v44.1: IL1B (Interleukin 1 beta) (pg/mL)	(Intercept)	0.789081	0.137234	175	5.749892	3.90E-08	nlme
v44.1: IL1B (Interleukin 1 beta) (pg/mL)	TP12M	-0.0625	0.145133	102	-0.43063	0.667647	nlme

v44.1: IL1B (Interleukin 1 beta) (pg/mL)	txCR	-0.17226	0.17379	175	-0.99121	0.32295	nlme
v44.1: IL1B (Interleukin 1 beta) (pg/mL)	TP12M:txCR	0.159134	0.183848	102	0.865572	0.388756	nlme
v46.1: IL6 (Interleukin 6) (pg/mL)	(Intercept)	2.262318	0.221075	188	10.23325	8.09E-20	nlme
v46.1: IL6 (Interleukin 6) (pg/mL)	TP12M	-0.50994	0.270584	182	-1.88458	0.06108	nlme
v46.1: IL6 (Interleukin 6) (pg/mL)	txCR	-0.24027	0.278372	188	-0.86313	0.389164	nlme
v46.1: IL6 (Interleukin 6) (pg/mL)	TP12M:txCR	0.337187	0.340296	182	0.990866	0.323067	nlme
v48.1: IL8 (Interleukin 8) (pg/mL)	(Intercept)	2.066389	0.223614	373	9.240859	1.90E-18	nlme
v48.1: IL8 (Interleukin 8) (pg/mL)	TP12M	-0.21249	0.192393	373	-1.10447	0.270099	nlme
v48.1: IL8 (Interleukin 8) (pg/mL)	TP24M	-0.2685	0.190482	373	-1.40959	0.159495	nlme
v48.1: IL8 (Interleukin 8) (pg/mL)	txCR	-0.34264	0.281741	189	-1.21615	0.225445	nlme
v48.1: IL8 (Interleukin 8) (pg/mL)	TP12M:txCR	0.263558	0.241653	373	1.090651	0.276131	nlme

v48.1: IL8 (Interleukin 8) (pg/mL)	TP24M:txCR	0.267711	0.240134	373	1.114841	0.265636	nlme
v50.1: Leptin (pg/mL)	(Intercept)	17981.29	1393.026	373	12.90808	9.08E-32	nlme
v50.1: Leptin (pg/mL)	TP12M	-2633.74	1079.983	373	-2.43868	0.015207	nlme
v50.1: Leptin (pg/mL)	TP24M	-935.791	1069.065	373	-0.87534	0.381954	nlme
v50.1: Leptin (pg/mL)	txCR	-912.752	1755.534	189	-0.51993	0.603722	nlme
v50.1: Leptin (pg/mL)	TP12M:txCR	-7977.53	1356.39	373	-5.88144	9.05E-09	nlme
v50.1: Leptin (pg/mL)	TP24M:txCR	-8372.93	1347.713	373	-6.21269	1.39E-09	nlme
v52.1: MCP1 (pg/mL)	(Intercept)	135.9156	6.804489	373	19.97441	6.97E-61	nlme
v52.1: MCP1 (pg/mL)	TP12M	-30.2777	6.589209	373	-4.59504	5.93E-06	nlme
v52.1: MCP1 (pg/mL)	TP24M	-42.9361	6.525614	373	-6.57962	1.60E-10	nlme
v52.1: MCP1 (pg/mL)	txCR	-1.35438	8.570594	189	-0.15803	0.874604	nlme
v52.1: MCP1 (pg/mL)	TP12M:txCR	3.71949	8.277309	373	0.44936	0.653433	nlme
v52.1: MCP1 (pg/mL)	TP24M:txCR	-1.24892	8.226773	373	-0.15181	0.879417	nlme
v56.1: Glucose - fasting (mg/dL)	(Intercept)	83.67219	0.662772	373	126.2459	4.14E-308	nlme
v56.1: Glucose - fasting (mg/dL)	TP12M	-0.41076	0.602799	373	-0.68142	0.496031	nlme
v56.1: Glucose - fasting (mg/dL)	TP24M	-0.7567	0.596884	373	-1.26775	0.205679	nlme

v56.1: Glucose - fasting (mg/dL)	txCR	-1.27219	0.834936	189	-1.5237	0.129255	nlme
v56.1: Glucose - fasting (mg/dL)	TP12M:txCR	-0.75806	0.757177	373	-1.00116	0.317396	nlme
v56.1: Glucose - fasting (mg/dL)	TP24M:txCR	-0.09279	0.752476	373	-0.12331	0.901924	nlme
v64.1: TNF-a (pg/mL)	(Intercept)	1.060476	0.048032	371	22.07857	1.42E-69	nlme
v64.1: TNF-a (pg/mL)	TP12M	-0.11125	0.044285	371	-2.51224	0.01242	nlme
v64.1: TNF-a (pg/mL)	TP24M	-0.1564	0.043851	371	-3.56659	0.000409	nlme
v64.1: TNF-a (pg/mL)	txCR	0.105726	0.060507	189	1.747341	0.082202	nlme
v64.1: TNF-a (pg/mL)	TP12M:txCR	-0.00598	0.055627	371	-0.10743	0.914507	nlme
v64.1: TNF-a (pg/mL)	TP24M:txCR	-0.11879	0.055403	371	-2.14411	0.032674	nlme
v65.1: Triglyceride (mg/dL)	(Intercept)	4.563636	0.052153	373	87.50531	1.04E-250	nlme
v65.1: Triglyceride (mg/dL)	TP12M	-0.03099	0.03813	373	-0.81287	0.416812	nlme
v65.1: Triglyceride (mg/dL)	TP24M	-0.05812	0.037741	373	-1.53995	0.12442	nlme
v65.1: Triglyceride (mg/dL)	txCR	-0.04149	0.065732	189	-0.63113	0.528716	nlme
v65.1: Triglyceride (mg/dL)	TP12M:txCR	-0.18652	0.047887	373	-3.895	0.000116	nlme

v65.1: Triglyceride (mg/dL)	TP24M:txCR	-0.14934	0.047578	373	-3.13876	0.001832	nlme
v27.1: Total energy expenditure	(Intercept)	2349.839	47.19153	365	49.79366	8.22E-165	nlme
v27.1: Total energy expenditure	TP12M	60.02267	28.44224	365	2.110336	0.035509	nlme
v27.1: Total energy expenditure	TP24M	-31.1319	28.42377	365	-1.09528	0.274117	nlme
v27.1: Total energy expenditure	txCR	70.19563	59.47578	189	1.180239	0.239389	nlme
v27.1: Total energy expenditure	TP12M:txCR	-36.9915	35.71716	365	-1.03568	0.301038	nlme
v27.1: Total energy expenditure	TP24M:txCR	-153.943	35.69752	365	-4.31242	2.08E-05	nlme
Mean self-reported energy intake (kcal/day)	(Intercept)	2021.079	56.64649	365	35.67881	4.81E-121	nlme
Mean self-reported energy intake (kcal/day)	TP12M	-64.37	48.30513	365	-1.33257	0.183504	nlme
Mean self-reported energy intake (kcal/day)	TP24M	-114.432	48.30513	365	-2.36893	0.018359	nlme
Mean self-reported energy intake (kcal/day)	txCR	93.08953	71.37351	189	1.304259	0.193731	nlme

Mean self-reported energy intake (kcal/day)	TP12M:txCR	-246.908	60.68968	365	-4.06837	5.80E-05	nlme
Mean self-reported energy intake (kcal/day)	TP24M:txCR	-147.697	60.68968	365	-2.43364	0.015427	nlme
Mean derived isoleucine intake (g)	(Intercept)	3.846448	0.128153	365	30.01453	1.34E-100	nlme
Mean derived isoleucine intake (g)	TP12M	-0.08028	0.119885	365	-0.66963	0.503517	nlme
Mean derived isoleucine intake (g)	TP24M	-0.31534	0.119885	365	-2.63031	0.008892	nlme
Mean derived isoleucine intake (g)	txCR	-0.00889	0.161432	189	-0.05509	0.956123	nlme
Mean derived isoleucine intake (g)	TP12M:txCR	-0.12629	0.150634	365	-0.83836	0.402379	nlme
Mean derived isoleucine intake (g)	TP24M:txCR	0.093958	0.150634	365	0.623747	0.533184	nlme
Mean derived leucine intake (g)	(Intercept)	6.625701	0.216751	365	30.56829	1.12E-102	nlme
Mean derived leucine intake (g)	TP12M	-0.14458	0.200164	365	-0.72233	0.470557	nlme
Mean derived leucine intake (g)	TP24M	-0.53665	0.200164	365	-2.68103	0.007673	nlme
Mean derived leucine intake (g)	txCR	-0.02742	0.273048	189	-0.10042	0.920115	nlme

Mean derived leucine intake (g)	TP12M:txCR	-0.14946	0.251501	365	-0.59427	0.5527	nlme
Mean derived leucine intake (g)	TP24M:txCR	0.213327	0.251501	365	0.848216	0.396874	nlme
Mean derived lysine intake (g)	(Intercept)	5.614995	0.207342	365	27.08082	2.45E-89	nlme
Mean derived lysine intake (g)	TP12M	-0.08887	0.198632	365	-0.4474	0.654854	nlme
Mean derived lysine intake (g)	TP24M	-0.49982	0.198632	365	-2.51631	0.012287	nlme
Mean derived lysine intake (g)	txCR	-0.03563	0.261169	189	-0.13641	0.891646	nlme
Mean derived lysine intake (g)	TP12M:txCR	-0.19666	0.249586	365	-0.78795	0.43124	nlme
Mean derived lysine intake (g)	TP24M:txCR	0.162347	0.249586	365	0.650465	0.515801	nlme
Mean derived methionine intake (g)	(Intercept)	1.884303	0.066784	365	28.21477	9.63E-94	nlme
Mean derived methionine intake (g)	TP12M	-0.02989	0.063448	365	-0.47108	0.637866	nlme
Mean derived methionine intake (g)	TP24M	-0.15244	0.063448	365	-2.40256	0.01678	nlme
Mean derived methionine intake (g)	txCR	0.007154	0.084124	189	0.085036	0.932322	nlme
Mean derived methionine intake (g)	TP12M:txCR	-0.11166	0.079723	365	-1.40056	0.162195	nlme

Mean derived methionine intake (g)	TP24M:txCR	0.003018	0.079723	365	0.037854	0.969825	nlme
Mean derived cystine intake (g)	(Intercept)	1.25625	0.042121	365	29.82495	6.93E-100	nlme
Mean derived cystine intake (g)	TP12M	-0.02152	0.03587	365	-0.59989	0.548953	nlme
Mean derived cystine intake (g)	TP24M	-0.08718	0.03587	365	-2.43046	0.015561	nlme
Mean derived cystine intake (g)	txCR	-0.0018	0.053072	189	-0.03395	0.972955	nlme
Mean derived cystine intake (g)	TP12M:txCR	0.006436	0.045067	365	0.1428	0.886527	nlme
Mean derived cystine intake (g)	TP24M:txCR	0.048516	0.045067	365	1.076524	0.282404	nlme
Mean derived valine intake (g)	(Intercept)	4.299902	0.1402	365	30.66981	4.70E-103	nlme
Mean derived valine intake (g)	TP12M	-0.07624	0.129675	365	-0.58791	0.556953	nlme
Mean derived valine intake (g)	TP24M	-0.32757	0.129675	365	-2.52605	0.011958	nlme
Mean derived valine intake (g)	txCR	0.017011	0.176613	189	0.096317	0.923371	nlme
Mean derived valine intake (g)	TP12M:txCR	-0.13397	0.162933	365	-0.82222	0.411489	nlme
Mean derived valine intake (g)	TP24M:txCR	0.101211	0.162933	365	0.621182	0.534868	nlme
Waist circumference (cm)	(Intercept)	81.43331	0.873345	372	93.24296	4.62E-260	nlme
Waist circumference (cm)	TP12M	0.026622	0.461803	372	0.057648	0.95406	nlme

Waist circumference (cm)	TP24M	0.911764	0.454501	372	2.006076	0.045572	nlme
Waist circumference (cm)	txCR	-0.47043	1.101249	189	-0.42718	0.669734	nlme
Waist circumference (cm)	TP12M:txCR	-6.51506	0.578759	372	-11.2569	1.70E-25	nlme
Waist circumference (cm)	TP24M:txCR	-7.08468	0.57295	372	-12.3653	1.17E-29	nlme
Body fat percentage (%)	(Intercept)	33.70117	0.786628	373	42.84257	4.03E-146	nlme
Body fat percentage (%)	TP12M	-0.2591	0.263012	373	-0.98511	0.325207	nlme
Body fat percentage (%)	TP24M	0.352936	0.260216	373	1.356323	0.175817	nlme
Body fat percentage (%)	txCR	-0.73838	0.992208	189	-0.74417	0.457695	nlme
Body fat percentage (%)	TP12M:txCR	-3.98903	0.33025	373	-12.0788	1.41E-28	nlme
Body fat percentage (%)	TP24M:txCR	-4.84871	0.328027	373	-14.7814	3.06E-39	nlme

Table S2: Longitudinal profilinsg of lipid-related metabolites

PATHWAY SORTORDER	BIOCHEMICAL	SUPER PATHWAY	SUB PATHWAY	COMP ID	PLATFORM	Group HMDB
8429	CE(12:0)	Cholesterol Ester	CE Ester	54493	DMS-MS	1E+08
8430	CE(14:0)	Cholesterol Ester	CE Ester	53452	DMS-MS	1E+08
8431	CE(14:1)	Cholesterol Ester	CE Ester	53453	DMS-MS	1E+08
8432	CE(15:0)	Cholesterol Ester	CE Ester	53454	DMS-MS	1E+08
8433	CE(16:0)	Cholesterol Ester	CE Ester	54315	DMS-MS	1E+08
8434	CE(16:1)	Cholesterol Ester	CE Ester	54316	DMS-MS	1E+08
8435	CE(17:0)	Cholesterol Ester	CE Ester	54122	DMS-MS	1E+08
8436	CE(18:0)	Cholesterol Ester	CE Ester	54123	DMS-MS	1E+08
8437	CE(18:1)	Cholesterol Ester	CE Ester	54494	DMS-MS	1E+08
8438	CE(18:2)	Cholesterol Ester	CE Ester	53968	DMS-MS	1E+08
8439	CE(18:3)	Cholesterol Ester	CE Ester	53969	DMS-MS	1E+08
8440	CE(18:4)	Cholesterol Ester	CE Ester	53623	DMS-MS	1E+08
8441	CE(20:0)	Cholesterol Ester	CE Ester	54317	DMS-MS	1E+08
8442	CE(20:1)	Cholesterol Ester	CE Ester	54318	DMS-MS	1E+08
8443	CE(20:2)	Cholesterol Ester	CE Ester	53624	DMS-MS	1E+08
8444	CE(20:3)	Cholesterol Ester	CE Ester	54319	DMS-MS	1E+08
8445	CE(20:4)	Cholesterol Ester	CE Ester	54495	DMS-MS	1E+08
8446	CE(20:5)	Cholesterol Ester	CE Ester	53795	DMS-MS	1E+08
8447	CE(22:0)	Cholesterol Ester	CE Ester	53625	DMS-MS	1E+08
8448	CE(22:1)	Cholesterol Ester	CE Ester	53796	DMS-MS	1E+08
8449	CE(22:2)	Cholesterol Ester	CE Ester	53269	DMS-MS	1E+08
8450	CE(22:4)	Cholesterol Ester	CE Ester	54124	DMS-MS	1E+08
8451	CE(22:5)	Cholesterol Ester	CE Ester	53797	DMS-MS	1E+08

8452	CE(22:6)	Cholesterol Ester	CE Ester	53970	DMS-MS	1E+08
8453	CE(24:0)	Cholesterol Ester	CE Ester	54125	DMS-MS	1E+08
8454	CE(24:1)	Cholesterol Ester	CE Ester	54126	DMS-MS	1E+08
8455	CER(14:0)	Sphingolipids	Ceramide	54496	DMS-MS	1E+08
8456	CER(16:0)	Sphingolipids	Ceramide	53971	DMS-MS	1E+08
8457	CER(18:0)	Sphingolipids	Ceramide	54320	DMS-MS	1E+08
8459	CER(18:1)	Sphingolipids	Ceramide	53626	DMS-MS	1E+08
8460	CER(20:0)	Sphingolipids	Ceramide	54321	DMS-MS	1E+08
8461	CER(20:1)	Sphingolipids	Ceramide	53972	DMS-MS	1E+08
8462	CER(22:0)	Sphingolipids	Ceramide	53627	DMS-MS	1E+08
8463	CER(22:1)	Sphingolipids	Ceramide	54127	DMS-MS	1E+08
8464	CER(24:0)	Sphingolipids	Ceramide	54322	DMS-MS	1E+08
8465	CER(24:1)	Sphingolipids	Ceramide	53628	DMS-MS	1E+08
8466	CER(26:0)	Sphingolipids	Ceramide	54497	DMS-MS	1E+08
8467	CER(26:1)	Sphingolipids	Ceramide	53798	DMS-MS	1E+08
8522	DAG(12:0/16:0)	Diacylglycerol	DAG Ester	53629	DMS-MS	1E+08
8524	DAG(12:0/18:0)	Diacylglycerol	DAG Ester	53973	DMS-MS	1E+08
8525	DAG(12:0/18:1)	Diacylglycerol	DAG Ester	53799	DMS-MS	1E+08
8526	DAG(12:0/18:2)	Diacylglycerol	DAG Ester	53455	DMS-MS	1E+08
8529	DAG(14:0/14:0)	Diacylglycerol	DAG Ester	53270	DMS-MS	1E+08
8531	DAG(14:0/16:0)	Diacylglycerol	DAG Ester	54323	DMS-MS	1E+08
8532	DAG(14:0/16:1)	Diacylglycerol	DAG Ester	54498	DMS-MS	1E+08
8535	DAG(14:0/18:1)	Diacylglycerol	DAG Ester	53800	DMS-MS	1E+08
8536	DAG(14:0/18:2)	Diacylglycerol	DAG Ester	54128	DMS-MS	1E+08
8537	DAG(14:0/18:3)	Diacylglycerol	DAG Ester	54324	DMS-MS	1E+08
8539	DAG(14:0/20:0)	Diacylglycerol	DAG Ester	53974	DMS-MS	1E+08
8540	DAG(14:0/20:4)	Diacylglycerol	DAG Ester	53975	DMS-MS	1E+08
8541	DAG(14:0/22:6)	Diacylglycerol	DAG Ester	54499	DMS-MS	1E+08
8542	DAG(14:1/16:0)	Diacylglycerol	DAG Ester	53456	DMS-MS	1E+08

8543	DAG(14:1/18:1)	Diacylglycerol	DAG Ester	54325	DMS-MS	1E+08
8549	DAG(15:0/18:1)	Diacylglycerol	DAG Ester	53457	DMS-MS	1E+08
8550	DAG(15:0/18:2)	Diacylglycerol	DAG Ester	53976	DMS-MS	1E+08
8555	DAG(16:0/16:0)	Diacylglycerol	DAG Ester	53977	DMS-MS	1E+08
8556	DAG(16:0/16:1)	Diacylglycerol	DAG Ester	53978	DMS-MS	1E+08
8558	DAG(16:0/18:0)	Diacylglycerol	DAG Ester	54500	DMS-MS	1E+08
8559	DAG(16:0/18:1)	Diacylglycerol	DAG Ester	53630	DMS-MS	1E+08
8560	DAG(16:0/18:2)	Diacylglycerol	DAG Ester	53271	DMS-MS	1E+08
8561	DAG(16:0/18:3)	Diacylglycerol	DAG Ester	53979	DMS-MS	1E+08
8564	DAG(16:0/20:3)	Diacylglycerol	DAG Ester	54501	DMS-MS	1E+08
8565	DAG(16:0/20:4)	Diacylglycerol	DAG Ester	53458	DMS-MS	1E+08
8566	DAG(16:0/20:5)	Diacylglycerol	DAG Ester	54502	DMS-MS	1E+08
8567	DAG(16:0/22:5)	Diacylglycerol	DAG Ester	54326	DMS-MS	1E+08
8568	DAG(16:0/22:6)	Diacylglycerol	DAG Ester	53980	DMS-MS	1E+08
8569	DAG(16:1/16:1)	Diacylglycerol	DAG Ester	53631	DMS-MS	1E+08
8570	DAG(16:1/18:0)	Diacylglycerol	DAG Ester	54129	DMS-MS	1E+08
8571	DAG(16:1/18:1)	Diacylglycerol	DAG Ester	54130	DMS-MS	1E+08
8572	DAG(16:1/18:2)	Diacylglycerol	DAG Ester	53632	DMS-MS	1E+08
8573	DAG(16:1/18:3)	Diacylglycerol	DAG Ester	53981	DMS-MS	1E+08
8574	DAG(16:1/20:0)	Diacylglycerol	DAG Ester	54503	DMS-MS	1E+08
8575	DAG(16:1/20:2)	Diacylglycerol	DAG Ester	54131	DMS-MS	1E+08
8576	DAG(16:1/20:4)	Diacylglycerol	DAG Ester	53272	DMS-MS	1E+08
8577	DAG(16:1/22:6)	Diacylglycerol	DAG Ester	53459	DMS-MS	1E+08
8583	DAG(18:0/18:1)	Diacylglycerol	DAG Ester	54504	DMS-MS	1E+08
8584	DAG(18:0/18:2)	Diacylglycerol	DAG Ester	53273	DMS-MS	1E+08
8585	DAG(18:0/18:3)	Diacylglycerol	DAG Ester	53982	DMS-MS	1E+08
8587	DAG(18:0/22:6)	Diacylglycerol	DAG Ester	53274	DMS-MS	1E+08
8588	DAG(18:1/18:1)	Diacylglycerol	DAG Ester	53275	DMS-MS	1E+08
8589	DAG(18:1/18:2)	Diacylglycerol	DAG Ester	53276	DMS-MS	1E+08

8590	DAG(18:1/20:1)	Diacylglycerol	DAG Ester	53801	DMS-MS	1E+08
8591	DAG(18:1/20:2)	Diacylglycerol	DAG Ester	54327	DMS-MS	1E+08
8592	DAG(18:1/20:3)	Diacylglycerol	DAG Ester	53633	DMS-MS	1E+08
8593	DAG(18:1/20:4)	Diacylglycerol	DAG Ester	53460	DMS-MS	1E+08
8594	DAG(18:1/20:5)	Diacylglycerol	DAG Ester	53277	DMS-MS	1E+08
8595	DAG(18:1/22:4)	Diacylglycerol	DAG Ester	53278	DMS-MS	1E+08
8596	DAG(18:1/22:5)	Diacylglycerol	DAG Ester	53802	DMS-MS	1E+08
8597	DAG(18:1/22:6)	Diacylglycerol	DAG Ester	53461	DMS-MS	1E+08
8599	DAG(18:2/18:3)	Diacylglycerol	DAG Ester	53279	DMS-MS	1E+08
8600	DAG(18:2/20:3)	Diacylglycerol	DAG Ester	54132	DMS-MS	1E+08
8601	DAG(18:2/20:4)	Diacylglycerol	DAG Ester	53462	DMS-MS	1E+08
8602	DAG(18:2/20:5)	Diacylglycerol	DAG Ester	54505	DMS-MS	1E+08
8603	DAG(18:2/22:4)	Diacylglycerol	DAG Ester	54133	DMS-MS	1E+08
8604	DAG(18:2/22:5)	Diacylglycerol	DAG Ester	53463	DMS-MS	1E+08
8605	DAG(18:2/22:6)	Diacylglycerol	DAG Ester	54506	DMS-MS	1E+08
8473	DCER(14:0)	Sphingolipids	Dihydroceramide	53803	DMS-MS	1E+08
8474	DCER(16:0)	Sphingolipids	Dihydroceramide	54134	DMS-MS	1E+08
8475	DCER(18:0)	Sphingolipids	Dihydroceramide	53464	DMS-MS	1E+08
8476	DCER(18:1)	Sphingolipids	Dihydroceramide	53983	DMS-MS	1E+08
8477	DCER(20:0)	Sphingolipids	Dihydroceramide	53280	DMS-MS	1E+08
8478	DCER(20:1)	Sphingolipids	Dihydroceramide	53984	DMS-MS	1E+08
8479	DCER(22:0)	Sphingolipids	Dihydroceramide	53465	DMS-MS	1E+08
8480	DCER(22:1)	Sphingolipids	Dihydroceramide	53804	DMS-MS	1E+08
8481	DCER(22:2)	Sphingolipids	Dihydroceramide	57732	DMS-MS	1E+08
8482	DCER(24:0)	Sphingolipids	Dihydroceramide	54328	DMS-MS	1E+08
8483	DCER(24:1)	Sphingolipids	Dihydroceramide	53466	DMS-MS	1E+08
8484	DCER(26:0)	Sphingolipids	Dihydroceramide	53634	DMS-MS	1E+08
8485	DCER(26:1)	Sphingolipids	Dihydroceramide	53281	DMS-MS	1E+08
8486	HCER(14:0)	Sphingolipids	Hexosylceramide	53808	DMS-MS	1E+08

8487	HCER(16:0)	Sphingolipids	Hexosylceramide	53809	DMS-MS	1E+08
8488	HCER(18:0)	Sphingolipids	Hexosylceramide	53638	DMS-MS	1E+08
8489	HCER(18:1)	Sphingolipids	Hexosylceramide	53810	DMS-MS	1E+08
8490	HCER(20:0)	Sphingolipids	Hexosylceramide	53639	DMS-MS	1E+08
8491	HCER(20:1)	Sphingolipids	Hexosylceramide	54510	DMS-MS	1E+08
8492	HCER(22:0)	Sphingolipids	Hexosylceramide	53473	DMS-MS	1E+08
8493	HCER(22:1)	Sphingolipids	Hexosylceramide	53474	DMS-MS	1E+08
8494	HCER(24:0)	Sphingolipids	Hexosylceramide	54511	DMS-MS	1E+08
8495	HCER(24:1)	Sphingolipids	Hexosylceramide	54512	DMS-MS	1E+08
8496	HCER(26:0)	Sphingolipids	Hexosylceramide	53811	DMS-MS	1E+08
8497	HCER(26:1)	Sphingolipids	Hexosylceramide	53988	DMS-MS	1E+08
8498	LCER(14:0)	Sphingolipids	Lactosylceramide	53284	DMS-MS	1E+08
8499	LCER(16:0)	Sphingolipids	Lactosylceramide	54141	DMS-MS	1E+08
8500	LCER(18:0)	Sphingolipids	Lactosylceramide	53475	DMS-MS	1E+08
8501	LCER(18:1)	Sphingolipids	Lactosylceramide	53476	DMS-MS	1E+08
8502	LCER(20:0)	Sphingolipids	Lactosylceramide	53477	DMS-MS	1E+08
8503	LCER(20:1)	Sphingolipids	Lactosylceramide	53812	DMS-MS	1E+08
8504	LCER(22:0)	Sphingolipids	Lactosylceramide	53640	DMS-MS	1E+08
8505	LCER(22:1)	Sphingolipids	Lactosylceramide	54142	DMS-MS	1E+08
8506	LCER(24:0)	Sphingolipids	Lactosylceramide	53989	DMS-MS	1E+08
8507	LCER(24:1)	Sphingolipids	Lactosylceramide	53478	DMS-MS	1E+08
8508	LCER(26:0)	Sphingolipids	Lactosylceramide	53641	DMS-MS	1E+08
8509	LCER(26:1)	Sphingolipids	Lactosylceramide	53642	DMS-MS	1E+08
7467	LPC(14:0)	Lysophosphatidylcholine	LPC Ester	53285	DMS-MS	1E+08
7469	LPC(15:0)	Lysophosphatidylcholine	LPC Ester	53286	DMS-MS	1E+08
7470	LPC(16:0)	Lysophosphatidylcholine	LPC Ester	53287	DMS-MS	1E+08
7471	LPC(16:1)	Lysophosphatidylcholine	LPC Ester	53479	DMS-MS	1E+08
7472	LPC(17:0)	Lysophosphatidylcholine	LPC Ester	54143	DMS-MS	1E+08
7473	LPC(18:0)	Lysophosphatidylcholine	LPC Ester	54144	DMS-MS	1E+08

7474	LPC(18:1)	Lysophosphatidylcholine	LPC Ester	54145	DMS-MS	1E+08
7475	LPC(18:2)	Lysophosphatidylcholine	LPC Ester	54331	DMS-MS	1E+08
7476	LPC(18:3)	Lysophosphatidylcholine	LPC Ester	54513	DMS-MS	1E+08
7478	LPC(20:0)	Lysophosphatidylcholine	LPC Ester	53480	DMS-MS	1E+08
7479	LPC(20:1)	Lysophosphatidylcholine	LPC Ester	53813	DMS-MS	1E+08
7480	LPC(20:2)	Lysophosphatidylcholine	LPC Ester	53990	DMS-MS	1E+08
7481	LPC(20:3)	Lysophosphatidylcholine	LPC Ester	54146	DMS-MS	1E+08
7482	LPC(20:4)	Lysophosphatidylcholine	LPC Ester	53481	DMS-MS	1E+08
7483	LPC(20:5)	Lysophosphatidylcholine	LPC Ester	53644	DMS-MS	1E+08
7487	LPC(22:4)	Lysophosphatidylcholine	LPC Ester	53815	DMS-MS	1E+08
7488	LPC(22:5)	Lysophosphatidylcholine	LPC Ester	54333	DMS-MS	1E+08
7489	LPC(22:6)	Lysophosphatidylcholine	LPC Ester	53645	DMS-MS	1E+08
7727	LPE(16:0)	Lysophosphatidylethanolamine	LPE Ester	54516	DMS-MS	1E+08
7728	LPE(16:1)	Lysophosphatidylethanolamine	LPE Ester	54147	DMS-MS	1E+08
7729	LPE(17:0)	Lysophosphatidylethanolamine	LPE Ester	53993	DMS-MS	1E+08
7730	LPE(18:0)	Lysophosphatidylethanolamine	LPE Ester	53484	DMS-MS	1E+08
7731	LPE(18:1)	Lysophosphatidylethanolamine	LPE Ester	53288	DMS-MS	1E+08
7732	LPE(18:2)	Lysophosphatidylethanolamine	LPE Ester	53817	DMS-MS	1E+08
7733	LPE(18:3)	Lysophosphatidylethanolamine	LPE Ester	54517	DMS-MS	1E+08
7736	LPE(20:1)	Lysophosphatidylethanolamine	LPE Ester	53647	DMS-MS	1E+08
7737	LPE(20:2)	Lysophosphatidylethanolamine	LPE Ester	53818	DMS-MS	1E+08
7738	LPE(20:3)	Lysophosphatidylethanolamine	LPE Ester	54334	DMS-MS	1E+08
7739	LPE(20:4)	Lysophosphatidylethanolamine	LPE Ester	53485	DMS-MS	1E+08
7740	LPE(20:5)	Lysophosphatidylethanolamine	LPE Ester	53994	DMS-MS	1E+08
7744	LPE(22:4)	Lysophosphatidylethanolamine	LPE Ester	53487	DMS-MS	1E+08
7745	LPE(22:5)	Lysophosphatidylethanolamine	LPE Ester	54519	DMS-MS	1E+08
7746	LPE(22:6)	Lysophosphatidylethanolamine	LPE Ester	53649	DMS-MS	1E+08
11091	MAG(12:0)	MAG	Ester	62002	DMS-MS	1E+08
11092	MAG(14:0)	MAG	Ester	62028	DMS-MS	1E+08

11093	MAG(14:1)	MAG	Ester	62004	DMS-MS	1E+08
11094	MAG(15:0)	MAG	Ester	62005	DMS-MS	1E+08
11095	MAG(16:0)	MAG	Ester	62006	DMS-MS	1E+08
11096	MAG(16:1)	MAG	Ester	62007	DMS-MS	1E+08
11097	MAG(17:0)	MAG	Ester	62008	DMS-MS	1E+08
11098	MAG(18:0)	MAG	Ester	62009	DMS-MS	1E+08
11099	MAG(18:1)	MAG	Ester	62010	DMS-MS	1E+08
11100	MAG(18:2)	MAG	Ester	62011	DMS-MS	1E+08
11101	MAG(18:3)	MAG	Ester	62012	DMS-MS	1E+08
11102	MAG(18:4)	MAG	Ester	62013	DMS-MS	1E+08
11103	MAG(20:0)	MAG	Ester	62014	DMS-MS	1E+08
11104	MAG(20:1)	MAG	Ester	62015	DMS-MS	1E+08
11105	MAG(20:2)	MAG	Ester	62016	DMS-MS	1E+08
11106	MAG(20:3)	MAG	Ester	62017	DMS-MS	1E+08
11107	MAG(20:4)	MAG	Ester	62018	DMS-MS	1E+08
11108	MAG(20:5)	MAG	Ester	62019	DMS-MS	1E+08
11109	MAG(22:0)	MAG	Ester	62020	DMS-MS	1E+08
11110	MAG(22:1)	MAG	Ester	62021	DMS-MS	1E+08
11111	MAG(22:2)	MAG	Ester	62022	DMS-MS	1E+08
11112	MAG(22:4)	MAG	Ester	62023	DMS-MS	1E+08
11113	MAG(22:5)	MAG	Ester	62024	DMS-MS	1E+08
11114	MAG(22:6)	MAG	Ester	62025	DMS-MS	1E+08
11115	MAG(24:0)	MAG	Ester	62026	DMS-MS	1E+08
11116	MAG(24:1)	MAG	Ester	62027	DMS-MS	1E+08
7247	PC(12:0/18:1)	Phosphatidylcholine	PC Ester	54335	DMS-MS	1E+08
7248	PC(12:0/18:2)	Phosphatidylcholine	PC Ester	53290	DMS-MS	1E+08
7260	PC(14:0/14:0)	Phosphatidylcholine	PC Ester	53293	DMS-MS	1E+08
7262	PC(14:0/16:1)	Phosphatidylcholine	PC Ester	54151	DMS-MS	1E+08
7263	PC(14:0/18:1)	Phosphatidylcholine	PC Ester	53996	DMS-MS	1E+08

7264	PC(14:0/18:2)	Phosphatidylcholine	PC Ester	54152	DMS-MS	1E+08
7265	PC(14:0/18:3)	Phosphatidylcholine	PC Ester	53294	DMS-MS	1E+08
7268	PC(14:0/20:2)	Phosphatidylcholine	PC Ester	53652	DMS-MS	1E+08
7269	PC(14:0/20:3)	Phosphatidylcholine	PC Ester	53823	DMS-MS	1E+08
7270	PC(14:0/20:4)	Phosphatidylcholine	PC Ester	54338	DMS-MS	1E+08
7271	PC(14:0/20:5)	Phosphatidylcholine	PC Ester	54523	DMS-MS	1E+08
7274	PC(14:0/22:4)	Phosphatidylcholine	PC Ester	54153	DMS-MS	1E+08
7275	PC(14:0/22:5)	Phosphatidylcholine	PC Ester	53998	DMS-MS	1E+08
7276	PC(14:0/22:6)	Phosphatidylcholine	PC Ester	53999	DMS-MS	1E+08
7278	PC(15:0/16:1)	Phosphatidylcholine	PC Ester	54525	DMS-MS	1E+08
7279	PC(15:0/18:1)	Phosphatidylcholine	PC Ester	54526	DMS-MS	1E+08
7280	PC(15:0/18:2)	Phosphatidylcholine	PC Ester	54154	DMS-MS	1E+08
7282	PC(15:0/20:3)	Phosphatidylcholine	PC Ester	54339	DMS-MS	1E+08
7283	PC(15:0/20:4)	Phosphatidylcholine	PC Ester	53295	DMS-MS	1E+08
7284	PC(15:0/20:5)	Phosphatidylcholine	PC Ester	54156	DMS-MS	1E+08
7286	PC(15:0/22:5)	Phosphatidylcholine	PC Ester	54000	DMS-MS	1E+08
7287	PC(15:0/22:6)	Phosphatidylcholine	PC Ester	53654	DMS-MS	1E+08
7288	PC(16:0/12:0)	Phosphatidylcholine	PC Ester	54527	DMS-MS	1E+08
7289	PC(16:0/14:0)	Phosphatidylcholine	PC Ester	53490	DMS-MS	1E+08
7290	PC(16:0/14:1)	Phosphatidylcholine	PC Ester	54340	DMS-MS	1E+08
7291	PC(16:0/16:0)	Phosphatidylcholine	PC Ester	53655	DMS-MS	1E+08
7292	PC(16:0/16:1)	Phosphatidylcholine	PC Ester	53491	DMS-MS	1E+08
7293	PC(16:0/18:0)	Phosphatidylcholine	PC Ester	54157	DMS-MS	1E+08
7294	PC(16:0/18:1)	Phosphatidylcholine	PC Ester	53656	DMS-MS	1E+08
7295	PC(16:0/18:2)	Phosphatidylcholine	PC Ester	54341	DMS-MS	1E+08
7296	PC(16:0/18:3)	Phosphatidylcholine	PC Ester	53825	DMS-MS	1E+08
7297	PC(16:0/18:4)	Phosphatidylcholine	PC Ester	54001	DMS-MS	1E+08
7298	PC(16:0/20:1)	Phosphatidylcholine	PC Ester	53657	DMS-MS	1E+08
7299	PC(16:0/20:2)	Phosphatidylcholine	PC Ester	54528	DMS-MS	1E+08

7300	PC(16:0/20:3)	Phosphatidylcholine	PC Ester	53296	DMS-MS	1E+08
7301	PC(16:0/20:4)	Phosphatidylcholine	PC Ester	54158	DMS-MS	1E+08
7302	PC(16:0/20:5)	Phosphatidylcholine	PC Ester	54159	DMS-MS	1E+08
7305	PC(16:0/22:4)	Phosphatidylcholine	PC Ester	54161	DMS-MS	1E+08
7306	PC(16:0/22:5)	Phosphatidylcholine	PC Ester	54529	DMS-MS	1E+08
7307	PC(16:0/22:6)	Phosphatidylcholine	PC Ester	54003	DMS-MS	1E+08
7309	PC(17:0/16:1)	Phosphatidylcholine	PC Ester	53658	DMS-MS	1E+08
7310	PC(17:0/18:1)	Phosphatidylcholine	PC Ester	54162	DMS-MS	1E+08
7311	PC(17:0/18:2)	Phosphatidylcholine	PC Ester	54163	DMS-MS	1E+08
7312	PC(17:0/18:3)	Phosphatidylcholine	PC Ester	53297	DMS-MS	1E+08
7313	PC(17:0/20:3)	Phosphatidylcholine	PC Ester	54343	DMS-MS	1E+08
7314	PC(17:0/20:4)	Phosphatidylcholine	PC Ester	53826	DMS-MS	1E+08
7315	PC(17:0/20:5)	Phosphatidylcholine	PC Ester	53298	DMS-MS	1E+08
7317	PC(17:0/22:5)	Phosphatidylcholine	PC Ester	54344	DMS-MS	1E+08
7318	PC(17:0/22:6)	Phosphatidylcholine	PC Ester	53659	DMS-MS	1E+08
7319	PC(18:0/12:0)	Phosphatidylcholine	PC Ester	53828	DMS-MS	1E+08
7320	PC(18:0/14:0)	Phosphatidylcholine	PC Ester	54004	DMS-MS	1E+08
7322	PC(18:0/16:1)	Phosphatidylcholine	PC Ester	53830	DMS-MS	1E+08
7323	PC(18:0/18:0)	Phosphatidylcholine	PC Ester	53660	DMS-MS	1E+08
7324	PC(18:0/18:1)	Phosphatidylcholine	PC Ester	54530	DMS-MS	1E+08
7325	PC(18:0/18:2)	Phosphatidylcholine	PC Ester	54345	DMS-MS	1E+08
7326	PC(18:0/18:3)	Phosphatidylcholine	PC Ester	54164	DMS-MS	1E+08
7328	PC(18:0/20:0)	Phosphatidylcholine	PC Ester	54166	DMS-MS	1E+08
7329	PC(18:0/20:1)	Phosphatidylcholine	PC Ester	53299	DMS-MS	1E+08
7330	PC(18:0/20:2)	Phosphatidylcholine	PC Ester	53300	DMS-MS	1E+08
7331	PC(18:0/20:3)	Phosphatidylcholine	PC Ester	54531	DMS-MS	1E+08
7332	PC(18:0/20:4)	Phosphatidylcholine	PC Ester	54167	DMS-MS	1E+08
7333	PC(18:0/20:5)	Phosphatidylcholine	PC Ester	54168	DMS-MS	1E+08
7336	PC(18:0/22:4)	Phosphatidylcholine	PC Ester	53831	DMS-MS	1E+08

7337	PC(18:0/22:5)	Phosphatidylcholine	PC Ester	53662	DMS-MS	1E+08
7338	PC(18:0/22:6)	Phosphatidylcholine	PC Ester	54170	DMS-MS	1E+08
7340	PC(18:1/16:1)	Phosphatidylcholine	PC Ester	54346	DMS-MS	1E+08
7341	PC(18:1/18:1)	Phosphatidylcholine	PC Ester	53832	DMS-MS	1E+08
7342	PC(18:1/18:2)	Phosphatidylcholine	PC Ester	53833	DMS-MS	1E+08
7343	PC(18:1/18:3)	Phosphatidylcholine	PC Ester	54347	DMS-MS	1E+08
7345	PC(18:1/20:1)	Phosphatidylcholine	PC Ester	53493	DMS-MS	1E+08
7346	PC(18:1/20:2)	Phosphatidylcholine	PC Ester	54171	DMS-MS	1E+08
7347	PC(18:1/20:3)	Phosphatidylcholine	PC Ester	54532	DMS-MS	1E+08
7348	PC(18:1/20:4)	Phosphatidylcholine	PC Ester	54172	DMS-MS	1E+08
7349	PC(18:1/20:5)	Phosphatidylcholine	PC Ester	53494	DMS-MS	1E+08
7352	PC(18:1/22:4)	Phosphatidylcholine	PC Ester	53834	DMS-MS	1E+08
7353	PC(18:1/22:5)	Phosphatidylcholine	PC Ester	53663	DMS-MS	1E+08
7354	PC(18:1/22:6)	Phosphatidylcholine	PC Ester	53496	DMS-MS	1E+08
7356	PC(18:2/16:1)	Phosphatidylcholine	PC Ester	54173	DMS-MS	1E+08
7357	PC(18:2/18:2)	Phosphatidylcholine	PC Ester	53304	DMS-MS	1E+08
7358	PC(18:2/18:3)	Phosphatidylcholine	PC Ester	53835	DMS-MS	1E+08
7360	PC(18:2/20:1)	Phosphatidylcholine	PC Ester	53305	DMS-MS	1E+08
7361	PC(18:2/20:2)	Phosphatidylcholine	PC Ester	53836	DMS-MS	1E+08
7362	PC(18:2/20:3)	Phosphatidylcholine	PC Ester	53497	DMS-MS	1E+08
7363	PC(18:2/20:4)	Phosphatidylcholine	PC Ester	54533	DMS-MS	1E+08
7364	PC(18:2/20:5)	Phosphatidylcholine	PC Ester	53665	DMS-MS	1E+08
7367	PC(18:2/22:4)	Phosphatidylcholine	PC Ester	54535	DMS-MS	1E+08
7368	PC(18:2/22:5)	Phosphatidylcholine	PC Ester	53498	DMS-MS	1E+08
7369	PC(18:2/22:6)	Phosphatidylcholine	PC Ester	54349	DMS-MS	1E+08
7370	PC(20:0/14:1)	Phosphatidylcholine	PC Ester	54350	DMS-MS	1E+08
7371	PC(20:0/16:1)	Phosphatidylcholine	PC Ester	53837	DMS-MS	1E+08
7372	PC(20:0/18:1)	Phosphatidylcholine	PC Ester	53306	DMS-MS	1E+08
7373	PC(20:0/18:2)	Phosphatidylcholine	PC Ester	53307	DMS-MS	1E+08

7374	PC(20:0/18:3)	Phosphatidylcholine	PC Ester	54536	DMS-MS	1E+08
7377	PC(20:0/20:2)	Phosphatidylcholine	PC Ester	54174	DMS-MS	1E+08
7378	PC(20:0/20:3)	Phosphatidylcholine	PC Ester	54175	DMS-MS	1E+08
7379	PC(20:0/20:4)	Phosphatidylcholine	PC Ester	53308	DMS-MS	1E+08
7380	PC(20:0/20:5)	Phosphatidylcholine	PC Ester	54176	DMS-MS	1E+08
7383	PC(20:0/22:5)	Phosphatidylcholine	PC Ester	54178	DMS-MS	1E+08
7384	PC(20:0/22:6)	Phosphatidylcholine	PC Ester	54351	DMS-MS	1E+08
7504	PE(14:0/20:4)	Phosphatidylethanolamine	PE Ester	54180	DMS-MS	1E+08
7530	PE(15:0/22:6)	Phosphatidylethanolamine	PE Ester	54357	DMS-MS	1E+08
7534	PE(16:0/16:0)	Phosphatidylethanolamine	PE Ester	54006	DMS-MS	1E+08
7535	PE(16:0/16:1)	Phosphatidylethanolamine	PE Ester	53672	DMS-MS	1E+08
7538	PE(16:0/18:1)	Phosphatidylethanolamine	PE Ester	54007	DMS-MS	1E+08
7539	PE(16:0/18:2)	Phosphatidylethanolamine	PE Ester	53502	DMS-MS	1E+08
7540	PE(16:0/18:3)	Phosphatidylethanolamine	PE Ester	54183	DMS-MS	1E+08
7542	PE(16:0/20:1)	Phosphatidylethanolamine	PE Ester	54185	DMS-MS	1E+08
7543	PE(16:0/20:2)	Phosphatidylethanolamine	PE Ester	53315	DMS-MS	1E+08
7544	PE(16:0/20:3)	Phosphatidylethanolamine	PE Ester	54543	DMS-MS	1E+08
7545	PE(16:0/20:4)	Phosphatidylethanolamine	PE Ester	54544	DMS-MS	1E+08
7546	PE(16:0/20:5)	Phosphatidylethanolamine	PE Ester	54008	DMS-MS	1E+08
7549	PE(16:0/22:4)	Phosphatidylethanolamine	PE Ester	54358	DMS-MS	1E+08
7550	PE(16:0/22:5)	Phosphatidylethanolamine	PE Ester	54359	DMS-MS	1E+08
7551	PE(16:0/22:6)	Phosphatidylethanolamine	PE Ester	53845	DMS-MS	1E+08
7559	PE(17:0/18:1)	Phosphatidylethanolamine	PE Ester	53317	DMS-MS	1E+08
7560	PE(17:0/18:2)	Phosphatidylethanolamine	PE Ester	54009	DMS-MS	1E+08
7565	PE(17:0/20:4)	Phosphatidylethanolamine	PE Ester	53503	DMS-MS	1E+08
7571	PE(17:0/22:6)	Phosphatidylethanolamine	PE Ester	54189	DMS-MS	1E+08
7575	PE(18:0/16:0)	Phosphatidylethanolamine	PE Ester	53507	DMS-MS	1E+08
7576	PE(18:0/16:1)	Phosphatidylethanolamine	PE Ester	54191	DMS-MS	1E+08
7578	PE(18:0/18:0)	Phosphatidylethanolamine	PE Ester	54547	DMS-MS	1E+08

7579	PE(18:0/18:1)	Phosphatidylethanolamine	PE Ester	54548	DMS-MS	1E+08
7580	PE(18:0/18:2)	Phosphatidylethanolamine	PE Ester	54011	DMS-MS	1E+08
7581	PE(18:0/18:3)	Phosphatidylethanolamine	PE Ester	53847	DMS-MS	1E+08
7583	PE(18:0/20:1)	Phosphatidylethanolamine	PE Ester	54363	DMS-MS	1E+08
7584	PE(18:0/20:2)	Phosphatidylethanolamine	PE Ester	54012	DMS-MS	1E+08
7585	PE(18:0/20:3)	Phosphatidylethanolamine	PE Ester	54549	DMS-MS	1E+08
7586	PE(18:0/20:4)	Phosphatidylethanolamine	PE Ester	54013	DMS-MS	1E+08
7587	PE(18:0/20:5)	Phosphatidylethanolamine	PE Ester	54192	DMS-MS	1E+08
7590	PE(18:0/22:4)	Phosphatidylethanolamine	PE Ester	53674	DMS-MS	1E+08
7591	PE(18:0/22:5)	Phosphatidylethanolamine	PE Ester	53319	DMS-MS	1E+08
7592	PE(18:0/22:6)	Phosphatidylethanolamine	PE Ester	54193	DMS-MS	1E+08
7593	PE(18:1/14:1)	Phosphatidylethanolamine	PE Ester	53320	DMS-MS	1E+08
7594	PE(18:1/16:1)	Phosphatidylethanolamine	PE Ester	54550	DMS-MS	1E+08
7595	PE(18:1/18:1)	Phosphatidylethanolamine	PE Ester	53321	DMS-MS	1E+08
7596	PE(18:1/18:2)	Phosphatidylethanolamine	PE Ester	54551	DMS-MS	1E+08
7597	PE(18:1/18:3)	Phosphatidylethanolamine	PE Ester	54194	DMS-MS	1E+08
7599	PE(18:1/20:1)	Phosphatidylethanolamine	PE Ester	53322	DMS-MS	1E+08
7600	PE(18:1/20:2)	Phosphatidylethanolamine	PE Ester	54552	DMS-MS	1E+08
7601	PE(18:1/20:3)	Phosphatidylethanolamine	PE Ester	54195	DMS-MS	1E+08
7602	PE(18:1/20:4)	Phosphatidylethanolamine	PE Ester	54364	DMS-MS	1E+08
7603	PE(18:1/20:5)	Phosphatidylethanolamine	PE Ester	53675	DMS-MS	1E+08
7604	PE(18:1/22:0)	Phosphatidylethanolamine	PE Ester	55177	DMS-MS	1E+08
7607	PE(18:1/22:4)	Phosphatidylethanolamine	PE Ester	53323	DMS-MS	1E+08
7608	PE(18:1/22:5)	Phosphatidylethanolamine	PE Ester	53324	DMS-MS	1E+08
7609	PE(18:1/22:6)	Phosphatidylethanolamine	PE Ester	53509	DMS-MS	1E+08
7610	PE(18:2/14:1)	Phosphatidylethanolamine	PE Ester	54016	DMS-MS	1E+08
7611	PE(18:2/16:1)	Phosphatidylethanolamine	PE Ester	53510	DMS-MS	1E+08
7612	PE(18:2/18:2)	Phosphatidylethanolamine	PE Ester	53325	DMS-MS	1E+08
7615	PE(18:2/20:1)	Phosphatidylethanolamine	PE Ester	54196	DMS-MS	1E+08

7617	PE(18:2/20:3)	Phosphatidylethanolamine	PE Ester	54017	DMS-MS	1E+08
7618	PE(18:2/20:4)	Phosphatidylethanolamine	PE Ester	54555	DMS-MS	1E+08
7624	PE(18:2/22:6)	Phosphatidylethanolamine	PE Ester	53677	DMS-MS	1E+08
7630	PE(O-16:0/18:1)	Phosphatidylethanolamine	PE Ether	54366	DMS-MS	1E+08
7631	PE(O-16:0/18:2)	Phosphatidylethanolamine	PE Ether	53850	DMS-MS	1E+08
7636	PE(O-16:0/20:3)	Phosphatidylethanolamine	PE Ether	54200	DMS-MS	1E+08
7637	PE(O-16:0/20:4)	Phosphatidylethanolamine	PE Ether	53329	DMS-MS	1E+08
7638	PE(O-16:0/20:5)	Phosphatidylethanolamine	PE Ether	53330	DMS-MS	1E+08
7641	PE(O-16:0/22:4)	Phosphatidylethanolamine	PE Ether	53852	DMS-MS	1E+08
7642	PE(O-16:0/22:5)	Phosphatidylethanolamine	PE Ether	53331	DMS-MS	1E+08
7643	PE(O-16:0/22:6)	Phosphatidylethanolamine	PE Ether	53332	DMS-MS	1E+08
7645	PE(O-18:0/16:0)	Phosphatidylethanolamine	PE Ether	53333	DMS-MS	1E+08
7647	PE(O-18:0/18:0)	Phosphatidylethanolamine	PE Ether	53853	DMS-MS	1E+08
7648	PE(O-18:0/18:1)	Phosphatidylethanolamine	PE Ether	53513	DMS-MS	1E+08
7649	PE(O-18:0/18:2)	Phosphatidylethanolamine	PE Ether	54368	DMS-MS	1E+08
7654	PE(O-18:0/20:3)	Phosphatidylethanolamine	PE Ether	53335	DMS-MS	1E+08
7655	PE(O-18:0/20:4)	Phosphatidylethanolamine	PE Ether	54203	DMS-MS	1E+08

7656	PE(O-18:0/20:5)	Phosphatidylethanolamine	PE Ether	54204	DMS-MS	1E+08
7659	PE(O-18:0/22:4)	Phosphatidylethanolamine	PE Ether	54019	DMS-MS	1E+08
7660	PE(O-18:0/22:5)	Phosphatidylethanolamine	PE Ether	54370	DMS-MS	1E+08
7661	PE(O-18:0/22:6)	Phosphatidylethanolamine	PE Ether	54371	DMS-MS	1E+08
7666	PE(P-16:0/16:0)	Phosphatidylethanolamine	PE Plasmalogen	54373	DMS-MS	1E+08
7667	PE(P-16:0/16:1)	Phosphatidylethanolamine	PE Plasmalogen	54374	DMS-MS	1E+08
7668	PE(P-16:0/18:0)	Phosphatidylethanolamine	PE Plasmalogen	54375	DMS-MS	1E+08
7669	PE(P-16:0/18:1)	Phosphatidylethanolamine	PE Plasmalogen	53336	DMS-MS	1E+08
7670	PE(P-16:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen	54561	DMS-MS	1E+08
7671	PE(P-16:0/18:3)	Phosphatidylethanolamine	PE Plasmalogen	53854	DMS-MS	1E+08
7673	PE(P-16:0/20:1)	Phosphatidylethanolamine	PE Plasmalogen	53520	DMS-MS	1E+08
7674	PE(P-16:0/20:2)	Phosphatidylethanolamine	PE Plasmalogen	54376	DMS-MS	1E+08
7675	PE(P-16:0/20:3)	Phosphatidylethanolamine	PE Plasmalogen	53855	DMS-MS	1E+08
7676	PE(P-16:0/20:4)	Phosphatidylethanolamine	PE Plasmalogen	54020	DMS-MS	1E+08
7677	PE(P-16:0/20:5)	Phosphatidylethanolamine	PE Plasmalogen	54562	DMS-MS	1E+08
7680	PE(P-16:0/22:4)	Phosphatidylethanolamine	PE Plasmalogen	54206	DMS-MS	1E+08

7681	PE(P-16:0/22:5)	Phosphatidylethanolamine	PE Plasmalogen	53521	DMS-MS	1E+08
7682	PE(P-16:0/22:6)	Phosphatidylethanolamine	PE Plasmalogen	53679	DMS-MS	1E+08
7683	PE(P-16:1/18:1)	Phosphatidylethanolamine	PE Plasmalogen	54207	DMS-MS	1E+08
7685	PE(P-18:0/16:0)	Phosphatidylethanolamine	PE Plasmalogen	53337	DMS-MS	1E+08
7686	PE(P-18:0/16:1)	Phosphatidylethanolamine	PE Plasmalogen	53857	DMS-MS	1E+08
7687	PE(P-18:0/18:0)	Phosphatidylethanolamine	PE Plasmalogen	53522	DMS-MS	1E+08
7688	PE(P-18:0/18:1)	Phosphatidylethanolamine	PE Plasmalogen	53338	DMS-MS	1E+08
7689	PE(P-18:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen	54377	DMS-MS	1E+08
7690	PE(P-18:0/18:3)	Phosphatidylethanolamine	PE Plasmalogen	53523	DMS-MS	1E+08
7693	PE(P-18:0/20:2)	Phosphatidylethanolamine	PE Plasmalogen	53340	DMS-MS	1E+08
7694	PE(P-18:0/20:3)	Phosphatidylethanolamine	PE Plasmalogen	54564	DMS-MS	1E+08
7695	PE(P-18:0/20:4)	Phosphatidylethanolamine	PE Plasmalogen	53524	DMS-MS	1E+08
7696	PE(P-18:0/20:5)	Phosphatidylethanolamine	PE Plasmalogen	54208	DMS-MS	1E+08
7699	PE(P-18:0/22:4)	Phosphatidylethanolamine	PE Plasmalogen	53680	DMS-MS	1E+08
7700	PE(P-18:0/22:5)	Phosphatidylethanolamine	PE Plasmalogen	53681	DMS-MS	1E+08
7701	PE(P-18:0/22:6)	Phosphatidylethanolamine	PE Plasmalogen	54209	DMS-MS	1E+08

7703	PE(P-18:1/16:0)	Phosphatidylethanolamine	PE Plasmalogen	54565	DMS-MS	1E+08
7704	PE(P-18:1/16:1)	Phosphatidylethanolamine	PE Plasmalogen	53341	DMS-MS	1E+08
7705	PE(P-18:1/18:0)	Phosphatidylethanolamine	PE Plasmalogen	54566	DMS-MS	1E+08
7706	PE(P-18:1/18:1)	Phosphatidylethanolamine	PE Plasmalogen	54210	DMS-MS	1E+08
7707	PE(P-18:1/18:2)	Phosphatidylethanolamine	PE Plasmalogen	54211	DMS-MS	1E+08
7708	PE(P-18:1/18:3)	Phosphatidylethanolamine	PE Plasmalogen	54379	DMS-MS	1E+08
7711	PE(P-18:1/20:2)	Phosphatidylethanolamine	PE Plasmalogen	53342	DMS-MS	1E+08
7712	PE(P-18:1/20:3)	Phosphatidylethanolamine	PE Plasmalogen	53682	DMS-MS	1E+08
7713	PE(P-18:1/20:4)	Phosphatidylethanolamine	PE Plasmalogen	53859	DMS-MS	1E+08
7714	PE(P-18:1/20:5)	Phosphatidylethanolamine	PE Plasmalogen	54380	DMS-MS	1E+08
7717	PE(P-18:1/22:4)	Phosphatidylethanolamine	PE Plasmalogen	54567	DMS-MS	1E+08
7718	PE(P-18:1/22:5)	Phosphatidylethanolamine	PE Plasmalogen	53343	DMS-MS	1E+08
7719	PE(P-18:1/22:6)	Phosphatidylethanolamine	PE Plasmalogen	54022	DMS-MS	1E+08
7720	PE(P-18:2/18:2)	Phosphatidylethanolamine	PE Plasmalogen	54214	DMS-MS	1E+08
7721	PE(P-18:2/20:4)	Phosphatidylethanolamine	PE Plasmalogen	54215	DMS-MS	1E+08
7722	PE(P-18:2/22:6)	Phosphatidylethanolamine	PE Plasmalogen	54023	DMS-MS	1E+08

8000	PI(16:0/16:0)	Phosphatidylinositol	PI Ester	54568	DMS-MS	1E+08
8003	PI(16:0/18:1)	Phosphatidylinositol	PI Ester	53344	DMS-MS	1E+08
8004	PI(16:0/18:2)	Phosphatidylinositol	PI Ester	54382	DMS-MS	1E+08
8009	PI(16:0/20:3)	Phosphatidylinositol	PI Ester	53860	DMS-MS	1E+08
8010	PI(16:0/20:4)	Phosphatidylinositol	PI Ester	53861	DMS-MS	1E+08
8035	PI(18:0/16:0)	Phosphatidylinositol	PI Ester	53345	DMS-MS	1E+08
8036	PI(18:0/16:1)	Phosphatidylinositol	PI Ester	54569	DMS-MS	1E+08
8039	PI(18:0/18:1)	Phosphatidylinositol	PI Ester	53684	DMS-MS	1E+08
8040	PI(18:0/18:2)	Phosphatidylinositol	PI Ester	54218	DMS-MS	1E+08
8044	PI(18:0/20:2)	Phosphatidylinositol	PI Ester	53528	DMS-MS	1E+08
8045	PI(18:0/20:3)	Phosphatidylinositol	PI Ester	54025	DMS-MS	1E+08
8046	PI(18:0/20:4)	Phosphatidylinositol	PI Ester	54026	DMS-MS	1E+08
8049	PI(18:0/22:4)	Phosphatidylinositol	PI Ester	53685	DMS-MS	1E+08
8050	PI(18:0/22:5)	Phosphatidylinositol	PI Ester	54384	DMS-MS	1E+08
8051	PI(18:0/22:6)	Phosphatidylinositol	PI Ester	54219	DMS-MS	1E+08
8053	PI(18:1/16:1)	Phosphatidylinositol	PI Ester	54220	DMS-MS	1E+08
8054	PI(18:1/18:1)	Phosphatidylinositol	PI Ester	53346	DMS-MS	1E+08
8055	PI(18:1/18:2)	Phosphatidylinositol	PI Ester	53530	DMS-MS	1E+08
8060	PI(18:1/20:3)	Phosphatidylinositol	PI Ester	54027	DMS-MS	1E+08
8061	PI(18:1/20:4)	Phosphatidylinositol	PI Ester	54221	DMS-MS	1E+08
8071	PI(18:2/18:2)	Phosphatidylinositol	PI Ester	53686	DMS-MS	1E+08
8510	SM(14:0)	Sphingolipids	Sphingomyelin	54222	DMS-MS	1E+08
8511	SM(16:0)	Sphingolipids	Sphingomyelin	54385	DMS-MS	1E+08
8512	SM(18:0)	Sphingolipids	Sphingomyelin	54386	DMS-MS	1E+08
8513	SM(18:1)	Sphingolipids	Sphingomyelin	53862	DMS-MS	1E+08
8514	SM(20:0)	Sphingolipids	Sphingomyelin	53687	DMS-MS	1E+08
8515	SM(20:1)	Sphingolipids	Sphingomyelin	53531	DMS-MS	1E+08
8516	SM(22:0)	Sphingolipids	Sphingomyelin	53347	DMS-MS	1E+08
8517	SM(22:1)	Sphingolipids	Sphingomyelin	54570	DMS-MS	1E+08

8518	SM(24:0)	Sphingolipids	Sphingomyelin	53863	DMS-MS	1E+08
8519	SM(24:1)	Sphingolipids	Sphingomyelin	54028	DMS-MS	1E+08
8520	SM(26:0)	Sphingolipids	Sphingomyelin	54387	DMS-MS	1E+08
8521	SM(26:1)	Sphingolipids	Sphingomyelin	53348	DMS-MS	1E+08
8903	TAG36:0-FA12:0	Triacylglycerol	TAG Ester	54388	DMS-MS	1E+08
8904	TAG38:0-FA12:0	Triacylglycerol	TAG Ester	53532	DMS-MS	1E+08
8912	TAG40:0-FA12:0	Triacylglycerol	TAG Ester	53688	DMS-MS	1E+08
8914	TAG40:0-FA14:0	Triacylglycerol	TAG Ester	53349	DMS-MS	1E+08
8915	TAG40:0-FA16:0	Triacylglycerol	TAG Ester	53689	DMS-MS	1E+08
8933	TAG42:0-FA12:0	Triacylglycerol	TAG Ester	53533	DMS-MS	1E+08
8935	TAG42:0-FA14:0	Triacylglycerol	TAG Ester	54029	DMS-MS	1E+08
8937	TAG42:0-FA16:0	Triacylglycerol	TAG Ester	53690	DMS-MS	1E+08
8939	TAG42:1-FA12:0	Triacylglycerol	TAG Ester	54030	DMS-MS	1E+08
8941	TAG42:1-FA14:0	Triacylglycerol	TAG Ester	53350	DMS-MS	1E+08
8943	TAG42:1-FA16:0	Triacylglycerol	TAG Ester	53351	DMS-MS	1E+08
8944	TAG42:1-FA16:1	Triacylglycerol	TAG Ester	53691	DMS-MS	1E+08
8945	TAG42:1-FA18:1	Triacylglycerol	TAG Ester	54223	DMS-MS	1E+08
8946	TAG42:2-FA12:0	Triacylglycerol	TAG Ester	53692	DMS-MS	1E+08

8950	TAG42:2-FA18:2	Triacylglycerol	TAG Ester	53352	DMS-MS	1E+08
8973	TAG44:0-FA12:0	Triacylglycerol	TAG Ester	53693	DMS-MS	1E+08
8975	TAG44:0-FA14:0	Triacylglycerol	TAG Ester	54389	DMS-MS	1E+08
8977	TAG44:0-FA16:0	Triacylglycerol	TAG Ester	54031	DMS-MS	1E+08
8979	TAG44:0-FA18:0	Triacylglycerol	TAG Ester	53534	DMS-MS	1E+08
8981	TAG44:1-FA12:0	Triacylglycerol	TAG Ester	54390	DMS-MS	1E+08
8983	TAG44:1-FA14:0	Triacylglycerol	TAG Ester	53694	DMS-MS	1E+08
8984	TAG44:1-FA14:1	Triacylglycerol	TAG Ester	54032	DMS-MS	1E+08
8986	TAG44:1-FA16:0	Triacylglycerol	TAG Ester	53864	DMS-MS	1E+08
8987	TAG44:1-FA16:1	Triacylglycerol	TAG Ester	54571	DMS-MS	1E+08
8989	TAG44:1-FA18:1	Triacylglycerol	TAG Ester	53695	DMS-MS	1E+08
8991	TAG44:2-FA12:0	Triacylglycerol	TAG Ester	53535	DMS-MS	1E+08
8993	TAG44:2-FA14:0	Triacylglycerol	TAG Ester	54224	DMS-MS	1E+08
8995	TAG44:2-FA16:0	Triacylglycerol	TAG Ester	53353	DMS-MS	1E+08
8996	TAG44:2-FA16:1	Triacylglycerol	TAG Ester	54033	DMS-MS	1E+08
8997	TAG44:2-FA18:1	Triacylglycerol	TAG Ester	54225	DMS-MS	1E+08

8998	TAG44:2-FA18:2	Triacylglycerol	TAG Ester	54226	DMS-MS	1E+08
9004	TAG44:3-FA18:2	Triacylglycerol	TAG Ester	54391	DMS-MS	1E+08
9015	TAG45:0-FA14:0	Triacylglycerol	TAG Ester	54392	DMS-MS	1E+08
9016	TAG45:0-FA15:0	Triacylglycerol	TAG Ester	53865	DMS-MS	1E+08
9017	TAG45:0-FA16:0	Triacylglycerol	TAG Ester	54572	DMS-MS	1E+08
9024	TAG45:1-FA15:0	Triacylglycerol	TAG Ester	53536	DMS-MS	1E+08
9025	TAG45:1-FA16:0	Triacylglycerol	TAG Ester	54573	DMS-MS	1E+08
9028	TAG45:1-FA18:1	Triacylglycerol	TAG Ester	53537	DMS-MS	1E+08
9042	TAG46:0-FA12:0	Triacylglycerol	TAG Ester	53538	DMS-MS	1E+08
9044	TAG46:0-FA14:0	Triacylglycerol	TAG Ester	54393	DMS-MS	1E+08
9046	TAG46:0-FA16:0	Triacylglycerol	TAG Ester	53354	DMS-MS	1E+08
9048	TAG46:0-FA18:0	Triacylglycerol	TAG Ester	53539	DMS-MS	1E+08
9050	TAG46:1-FA12:0	Triacylglycerol	TAG Ester	53866	DMS-MS	1E+08
9052	TAG46:1-FA14:0	Triacylglycerol	TAG Ester	53696	DMS-MS	1E+08
9053	TAG46:1-FA14:1	Triacylglycerol	TAG Ester	54227	DMS-MS	1E+08
9055	TAG46:1-FA16:0	Triacylglycerol	TAG Ester	53355	DMS-MS	1E+08

9056	TAG46:1-FA16:1	Triacylglycerol	TAG Ester	53540	DMS-MS	1E+08
9058	TAG46:1-FA18:0	Triacylglycerol	TAG Ester	54034	DMS-MS	1E+08
9059	TAG46:1-FA18:1	Triacylglycerol	TAG Ester	54394	DMS-MS	1E+08
9063	TAG46:2-FA12:0	Triacylglycerol	TAG Ester	54035	DMS-MS	1E+08
9065	TAG46:2-FA14:0	Triacylglycerol	TAG Ester	54036	DMS-MS	1E+08
9066	TAG46:2-FA14:1	Triacylglycerol	TAG Ester	54574	DMS-MS	1E+08
9068	TAG46:2-FA16:0	Triacylglycerol	TAG Ester	53356	DMS-MS	1E+08
9069	TAG46:2-FA16:1	Triacylglycerol	TAG Ester	53867	DMS-MS	1E+08
9071	TAG46:2-FA18:1	Triacylglycerol	TAG Ester	54037	DMS-MS	1E+08
9072	TAG46:2-FA18:2	Triacylglycerol	TAG Ester	53868	DMS-MS	1E+08
9075	TAG46:3-FA12:0	Triacylglycerol	TAG Ester	54038	DMS-MS	1E+08
9077	TAG46:3-FA14:0	Triacylglycerol	TAG Ester	54395	DMS-MS	1E+08
9078	TAG46:3-FA14:1	Triacylglycerol	TAG Ester	53357	DMS-MS	1E+08
9080	TAG46:3-FA16:0	Triacylglycerol	TAG Ester	54396	DMS-MS	1E+08
9081	TAG46:3-FA16:1	Triacylglycerol	TAG Ester	54397	DMS-MS	1E+08
9082	TAG46:3-FA18:1	Triacylglycerol	TAG Ester	54575	DMS-MS	1E+08

9083	TAG46:3-FA18:2	Triacylglycerol	TAG Ester	54576	DMS-MS	1E+08
9084	TAG46:3-FA18:3	Triacylglycerol	TAG Ester	54039	DMS-MS	1E+08
9091	TAG46:4-FA18:2	Triacylglycerol	TAG Ester	53869	DMS-MS	1E+08
9109	TAG47:0-FA14:0	Triacylglycerol	TAG Ester	54228	DMS-MS	1E+08
9110	TAG47:0-FA15:0	Triacylglycerol	TAG Ester	54229	DMS-MS	1E+08
9111	TAG47:0-FA16:0	Triacylglycerol	TAG Ester	53697	DMS-MS	1E+08
9112	TAG47:0-FA17:0	Triacylglycerol	TAG Ester	53870	DMS-MS	1E+08
9117	TAG47:1-FA14:0	Triacylglycerol	TAG Ester	53871	DMS-MS	1E+08
9119	TAG47:1-FA15:0	Triacylglycerol	TAG Ester	53358	DMS-MS	1E+08
9120	TAG47:1-FA16:0	Triacylglycerol	TAG Ester	54398	DMS-MS	1E+08
9121	TAG47:1-FA16:1	Triacylglycerol	TAG Ester	54577	DMS-MS	1E+08
9122	TAG47:1-FA17:0	Triacylglycerol	TAG Ester	53872	DMS-MS	1E+08
9124	TAG47:1-FA18:1	Triacylglycerol	TAG Ester	54578	DMS-MS	1E+08
9128	TAG47:2-FA14:0	Triacylglycerol	TAG Ester	53541	DMS-MS	1E+08
9130	TAG47:2-FA15:0	Triacylglycerol	TAG Ester	54230	DMS-MS	1E+08
9132	TAG47:2-FA16:1	Triacylglycerol	TAG Ester	54579	DMS-MS	1E+08

9134	TAG47:2-FA18:1	Triacylglycerol	TAG Ester	53698	DMS-MS	1E+08
9135	TAG47:2-FA18:2	Triacylglycerol	TAG Ester	54580	DMS-MS	1E+08
9159	TAG48:0-FA14:0	Triacylglycerol	TAG Ester	54399	DMS-MS	1E+08
9161	TAG48:0-FA16:0	Triacylglycerol	TAG Ester	54581	DMS-MS	1E+08
9163	TAG48:0-FA18:0	Triacylglycerol	TAG Ester	54400	DMS-MS	1E+08
9166	TAG48:1-FA12:0	Triacylglycerol	TAG Ester	53542	DMS-MS	1E+08
9168	TAG48:1-FA14:0	Triacylglycerol	TAG Ester	54040	DMS-MS	1E+08
9169	TAG48:1-FA14:1	Triacylglycerol	TAG Ester	54231	DMS-MS	1E+08
9171	TAG48:1-FA16:0	Triacylglycerol	TAG Ester	53359	DMS-MS	1E+08
9172	TAG48:1-FA16:1	Triacylglycerol	TAG Ester	53543	DMS-MS	1E+08
9174	TAG48:1-FA18:0	Triacylglycerol	TAG Ester	53699	DMS-MS	1E+08
9175	TAG48:1-FA18:1	Triacylglycerol	TAG Ester	54401	DMS-MS	1E+08
9180	TAG48:2-FA12:0	Triacylglycerol	TAG Ester	54582	DMS-MS	1E+08
9182	TAG48:2-FA14:0	Triacylglycerol	TAG Ester	54583	DMS-MS	1E+08
9183	TAG48:2-FA14:1	Triacylglycerol	TAG Ester	53700	DMS-MS	1E+08
9185	TAG48:2-FA16:0	Triacylglycerol	TAG Ester	53360	DMS-MS	1E+08

9186	TAG48:2-FA16:1	Triacylglycerol	TAG Ester	54402	DMS-MS	1E+08
9188	TAG48:2-FA18:0	Triacylglycerol	TAG Ester	53701	DMS-MS	1E+08
9189	TAG48:2-FA18:1	Triacylglycerol	TAG Ester	54584	DMS-MS	1E+08
9190	TAG48:2-FA18:2	Triacylglycerol	TAG Ester	54041	DMS-MS	1E+08
9195	TAG48:3-FA12:0	Triacylglycerol	TAG Ester	53370	DMS-MS	1E+08
9197	TAG48:3-FA14:0	Triacylglycerol	TAG Ester	53551	DMS-MS	1E+08
9198	TAG48:3-FA14:1	Triacylglycerol	TAG Ester	53883	DMS-MS	1E+08
9200	TAG48:3-FA16:0	Triacylglycerol	TAG Ester	53884	DMS-MS	1E+08
9201	TAG48:3-FA16:1	Triacylglycerol	TAG Ester	54408	DMS-MS	1E+08
9203	TAG48:3-FA18:1	Triacylglycerol	TAG Ester	54585	DMS-MS	1E+08
9204	TAG48:3-FA18:2	Triacylglycerol	TAG Ester	54232	DMS-MS	1E+08
9205	TAG48:3-FA18:3	Triacylglycerol	TAG Ester	53544	DMS-MS	1E+08
9209	TAG48:4-FA12:0	Triacylglycerol	TAG Ester	53702	DMS-MS	1E+08
9210	TAG48:4-FA14:0	Triacylglycerol	TAG Ester	53361	DMS-MS	1E+08
9211	TAG48:4-FA14:1	Triacylglycerol	TAG Ester	54403	DMS-MS	1E+08
9212	TAG48:4-FA16:0	Triacylglycerol	TAG Ester	53362	DMS-MS	1E+08

9213	TAG48:4-FA16:1	Triacylglycerol	TAG Ester	53873	DMS-MS	1E+08
9214	TAG48:4-FA18:1	Triacylglycerol	TAG Ester	54404	DMS-MS	1E+08
9215	TAG48:4-FA18:2	Triacylglycerol	TAG Ester	54042	DMS-MS	1E+08
9216	TAG48:4-FA18:3	Triacylglycerol	TAG Ester	53703	DMS-MS	1E+08
9219	TAG48:4-FA20:4	Triacylglycerol	TAG Ester	53874	DMS-MS	1E+08
9226	TAG48:5-FA18:2	Triacylglycerol	TAG Ester	54043	DMS-MS	1E+08
9227	TAG48:5-FA18:3	Triacylglycerol	TAG Ester	53875	DMS-MS	1E+08
9249	TAG49:0-FA15:0	Triacylglycerol	TAG Ester	53704	DMS-MS	1E+08
9250	TAG49:0-FA16:0	Triacylglycerol	TAG Ester	54044	DMS-MS	1E+08
9251	TAG49:0-FA17:0	Triacylglycerol	TAG Ester	54405	DMS-MS	1E+08
9252	TAG49:0-FA18:0	Triacylglycerol	TAG Ester	53363	DMS-MS	1E+08
9257	TAG49:1-FA14:0	Triacylglycerol	TAG Ester	54233	DMS-MS	1E+08
9259	TAG49:1-FA15:0	Triacylglycerol	TAG Ester	53364	DMS-MS	1E+08
9260	TAG49:1-FA16:0	Triacylglycerol	TAG Ester	53876	DMS-MS	1E+08
9261	TAG49:1-FA16:1	Triacylglycerol	TAG Ester	53545	DMS-MS	1E+08
9262	TAG49:1-FA17:0	Triacylglycerol	TAG Ester	54045	DMS-MS	1E+08

9264	TAG49:1-FA18:1	Triacylglycerol	TAG Ester	53365	DMS-MS	1E+08
9271	TAG49:2-FA14:0	Triacylglycerol	TAG Ester	54046	DMS-MS	1E+08
9273	TAG49:2-FA15:0	Triacylglycerol	TAG Ester	53877	DMS-MS	1E+08
9274	TAG49:2-FA16:0	Triacylglycerol	TAG Ester	54234	DMS-MS	1E+08
9275	TAG49:2-FA16:1	Triacylglycerol	TAG Ester	53546	DMS-MS	1E+08
9276	TAG49:2-FA17:0	Triacylglycerol	TAG Ester	53366	DMS-MS	1E+08
9278	TAG49:2-FA18:1	Triacylglycerol	TAG Ester	54406	DMS-MS	1E+08
9279	TAG49:2-FA18:2	Triacylglycerol	TAG Ester	54047	DMS-MS	1E+08
9286	TAG49:3-FA15:0	Triacylglycerol	TAG Ester	53547	DMS-MS	1E+08
9287	TAG49:3-FA16:0	Triacylglycerol	TAG Ester	53367	DMS-MS	1E+08
9288	TAG49:3-FA16:1	Triacylglycerol	TAG Ester	53368	DMS-MS	1E+08
9291	TAG49:3-FA18:2	Triacylglycerol	TAG Ester	53705	DMS-MS	1E+08
9292	TAG49:3-FA18:3	Triacylglycerol	TAG Ester	54407	DMS-MS	1E+08
9323	TAG50:0-FA14:0	Triacylglycerol	TAG Ester	53706	DMS-MS	1E+08
9325	TAG50:0-FA16:0	Triacylglycerol	TAG Ester	54235	DMS-MS	1E+08
9327	TAG50:0-FA18:0	Triacylglycerol	TAG Ester	53878	DMS-MS	1E+08

9333	TAG50:1-FA14:0	Triacylglycerol	TAG Ester	54048	DMS-MS	1E+08
9336	TAG50:1-FA16:0	Triacylglycerol	TAG Ester	53879	DMS-MS	1E+08
9337	TAG50:1-FA16:1	Triacylglycerol	TAG Ester	54236	DMS-MS	1E+08
9339	TAG50:1-FA18:0	Triacylglycerol	TAG Ester	54237	DMS-MS	1E+08
9340	TAG50:1-FA18:1	Triacylglycerol	TAG Ester	53880	DMS-MS	1E+08
9343	TAG50:1-FA20:1	Triacylglycerol	TAG Ester	53548	DMS-MS	1E+08
9347	TAG50:2-FA14:0	Triacylglycerol	TAG Ester	53549	DMS-MS	1E+08
9348	TAG50:2-FA14:1	Triacylglycerol	TAG Ester	53369	DMS-MS	1E+08
9350	TAG50:2-FA16:0	Triacylglycerol	TAG Ester	54586	DMS-MS	1E+08
9351	TAG50:2-FA16:1	Triacylglycerol	TAG Ester	53881	DMS-MS	1E+08
9353	TAG50:2-FA18:0	Triacylglycerol	TAG Ester	54049	DMS-MS	1E+08
9354	TAG50:2-FA18:1	Triacylglycerol	TAG Ester	53550	DMS-MS	1E+08
9355	TAG50:2-FA18:2	Triacylglycerol	TAG Ester	53882	DMS-MS	1E+08
9359	TAG50:2-FA20:2	Triacylglycerol	TAG Ester	54238	DMS-MS	1E+08
9362	TAG50:3-FA14:0	Triacylglycerol	TAG Ester	53707	DMS-MS	1E+08
9363	TAG50:3-FA14:1	Triacylglycerol	TAG Ester	54587	DMS-MS	1E+08

9365	TAG50:3-FA16:0	Triacylglycerol	TAG Ester	54050	DMS-MS	1E+08
9366	TAG50:3-FA16:1	Triacylglycerol	TAG Ester	53885	DMS-MS	1E+08
9368	TAG50:3-FA18:0	Triacylglycerol	TAG Ester	53708	DMS-MS	1E+08
9369	TAG50:3-FA18:1	Triacylglycerol	TAG Ester	54409	DMS-MS	1E+08
9370	TAG50:3-FA18:2	Triacylglycerol	TAG Ester	53886	DMS-MS	1E+08
9371	TAG50:3-FA18:3	Triacylglycerol	TAG Ester	54051	DMS-MS	1E+08
9375	TAG50:3-FA20:3	Triacylglycerol	TAG Ester	54588	DMS-MS	1E+08
9378	TAG50:4-FA14:0	Triacylglycerol	TAG Ester	54589	DMS-MS	1E+08
9379	TAG50:4-FA14:1	Triacylglycerol	TAG Ester	53887	DMS-MS	1E+08
9381	TAG50:4-FA16:0	Triacylglycerol	TAG Ester	53371	DMS-MS	1E+08
9382	TAG50:4-FA16:1	Triacylglycerol	TAG Ester	54052	DMS-MS	1E+08
9384	TAG50:4-FA18:1	Triacylglycerol	TAG Ester	53888	DMS-MS	1E+08
9385	TAG50:4-FA18:2	Triacylglycerol	TAG Ester	54053	DMS-MS	1E+08
9386	TAG50:4-FA18:3	Triacylglycerol	TAG Ester	53552	DMS-MS	1E+08
9389	TAG50:4-FA20:3	Triacylglycerol	TAG Ester	54239	DMS-MS	1E+08
9390	TAG50:4-FA20:4	Triacylglycerol	TAG Ester	54054	DMS-MS	1E+08

9393	TAG50:5-FA14:0	Triacylglycerol	TAG Ester	54240	DMS-MS	1E+08
9394	TAG50:5-FA14:1	Triacylglycerol	TAG Ester	53889	DMS-MS	1E+08
9396	TAG50:5-FA16:0	Triacylglycerol	TAG Ester	54410	DMS-MS	1E+08
9397	TAG50:5-FA16:1	Triacylglycerol	TAG Ester	53890	DMS-MS	1E+08
9399	TAG50:5-FA18:1	Triacylglycerol	TAG Ester	53553	DMS-MS	1E+08
9400	TAG50:5-FA18:2	Triacylglycerol	TAG Ester	53372	DMS-MS	1E+08
9401	TAG50:5-FA18:3	Triacylglycerol	TAG Ester	54411	DMS-MS	1E+08
9404	TAG50:5-FA20:4	Triacylglycerol	TAG Ester	54590	DMS-MS	1E+08
9405	TAG50:5-FA20:5	Triacylglycerol	TAG Ester	54241	DMS-MS	1E+08
9417	TAG50:6-FA20:4	Triacylglycerol	TAG Ester	54055	DMS-MS	1E+08
9441	TAG51:0-FA16:0	Triacylglycerol	TAG Ester	54242	DMS-MS	1E+08
9442	TAG51:0-FA17:0	Triacylglycerol	TAG Ester	53709	DMS-MS	1E+08
9443	TAG51:0-FA18:0	Triacylglycerol	TAG Ester	53554	DMS-MS	1E+08
9452	TAG51:1-FA15:0	Triacylglycerol	TAG Ester	53373	DMS-MS	1E+08
9453	TAG51:1-FA16:0	Triacylglycerol	TAG Ester	53710	DMS-MS	1E+08
9455	TAG51:1-FA17:0	Triacylglycerol	TAG Ester	54412	DMS-MS	1E+08

9456	TAG51:1-FA18:0	Triacylglycerol	TAG Ester	54591	DMS-MS	1E+08
9457	TAG51:1-FA18:1	Triacylglycerol	TAG Ester	53891	DMS-MS	1E+08
9466	TAG51:2-FA15:0	Triacylglycerol	TAG Ester	54243	DMS-MS	1E+08
9467	TAG51:2-FA16:0	Triacylglycerol	TAG Ester	53374	DMS-MS	1E+08
9468	TAG51:2-FA16:1	Triacylglycerol	TAG Ester	53375	DMS-MS	1E+08
9469	TAG51:2-FA17:0	Triacylglycerol	TAG Ester	54056	DMS-MS	1E+08
9470	TAG51:2-FA18:0	Triacylglycerol	TAG Ester	54592	DMS-MS	1E+08
9471	TAG51:2-FA18:1	Triacylglycerol	TAG Ester	53555	DMS-MS	1E+08
9472	TAG51:2-FA18:2	Triacylglycerol	TAG Ester	54413	DMS-MS	1E+08
9480	TAG51:3-FA15:0	Triacylglycerol	TAG Ester	54593	DMS-MS	1E+08
9481	TAG51:3-FA16:0	Triacylglycerol	TAG Ester	53711	DMS-MS	1E+08
9482	TAG51:3-FA16:1	Triacylglycerol	TAG Ester	53376	DMS-MS	1E+08
9483	TAG51:3-FA17:0	Triacylglycerol	TAG Ester	53377	DMS-MS	1E+08
9485	TAG51:3-FA18:1	Triacylglycerol	TAG Ester	53378	DMS-MS	1E+08
9486	TAG51:3-FA18:2	Triacylglycerol	TAG Ester	54244	DMS-MS	1E+08
9487	TAG51:3-FA18:3	Triacylglycerol	TAG Ester	53712	DMS-MS	1E+08

9493	TAG51:4-FA15:0	Triacylglycerol	TAG Ester	53556	DMS-MS	1E+08
9494	TAG51:4-FA16:0	Triacylglycerol	TAG Ester	54414	DMS-MS	1E+08
9495	TAG51:4-FA16:1	Triacylglycerol	TAG Ester	54245	DMS-MS	1E+08
9497	TAG51:4-FA18:1	Triacylglycerol	TAG Ester	54415	DMS-MS	1E+08
9498	TAG51:4-FA18:2	Triacylglycerol	TAG Ester	53557	DMS-MS	1E+08
9499	TAG51:4-FA18:3	Triacylglycerol	TAG Ester	54057	DMS-MS	1E+08
9501	TAG51:4-FA20:4	Triacylglycerol	TAG Ester	53713	DMS-MS	1E+08
9510	TAG51:5-FA18:2	Triacylglycerol	TAG Ester	54058	DMS-MS	1E+08
9511	TAG51:5-FA18:3	Triacylglycerol	TAG Ester	54416	DMS-MS	1E+08
9534	TAG52:0-FA16:0	Triacylglycerol	TAG Ester	53714	DMS-MS	1E+08
9536	TAG52:0-FA18:0	Triacylglycerol	TAG Ester	53892	DMS-MS	1E+08
9538	TAG52:0-FA20:0	Triacylglycerol	TAG Ester	54059	DMS-MS	1E+08
9545	TAG52:1-FA16:0	Triacylglycerol	TAG Ester	54417	DMS-MS	1E+08
9546	TAG52:1-FA16:1	Triacylglycerol	TAG Ester	53379	DMS-MS	1E+08
9548	TAG52:1-FA18:0	Triacylglycerol	TAG Ester	53715	DMS-MS	1E+08
9549	TAG52:1-FA18:1	Triacylglycerol	TAG Ester	53558	DMS-MS	1E+08

9551	TAG52:1-FA20:0	Triacylglycerol	TAG Ester	53893	DMS-MS	1E+08
9552	TAG52:1-FA20:1	Triacylglycerol	TAG Ester	53559	DMS-MS	1E+08
9559	TAG52:2-FA14:0	Triacylglycerol	TAG Ester	53716	DMS-MS	1E+08
9562	TAG52:2-FA16:0	Triacylglycerol	TAG Ester	53717	DMS-MS	1E+08
9563	TAG52:2-FA16:1	Triacylglycerol	TAG Ester	53560	DMS-MS	1E+08
9565	TAG52:2-FA18:0	Triacylglycerol	TAG Ester	53380	DMS-MS	1E+08
9566	TAG52:2-FA18:1	Triacylglycerol	TAG Ester	53894	DMS-MS	1E+08
9567	TAG52:2-FA18:2	Triacylglycerol	TAG Ester	53895	DMS-MS	1E+08
9569	TAG52:2-FA20:0	Triacylglycerol	TAG Ester	54060	DMS-MS	1E+08
9570	TAG52:2-FA20:1	Triacylglycerol	TAG Ester	53718	DMS-MS	1E+08
9571	TAG52:2-FA20:2	Triacylglycerol	TAG Ester	54418	DMS-MS	1E+08
9574	TAG52:3-FA14:0	Triacylglycerol	TAG Ester	54061	DMS-MS	1E+08
9577	TAG52:3-FA16:0	Triacylglycerol	TAG Ester	53381	DMS-MS	1E+08
9578	TAG52:3-FA16:1	Triacylglycerol	TAG Ester	53896	DMS-MS	1E+08
9580	TAG52:3-FA18:0	Triacylglycerol	TAG Ester	54246	DMS-MS	1E+08
9581	TAG52:3-FA18:1	Triacylglycerol	TAG Ester	54594	DMS-MS	1E+08

9582	TAG52:3-FA18:2	Triacylglycerol	TAG Ester	54247	DMS-MS	1E+08
9583	TAG52:3-FA18:3	Triacylglycerol	TAG Ester	53897	DMS-MS	1E+08
9584	TAG52:3-FA20:0	Triacylglycerol	TAG Ester	53561	DMS-MS	1E+08
9585	TAG52:3-FA20:1	Triacylglycerol	TAG Ester	53562	DMS-MS	1E+08
9586	TAG52:3-FA20:2	Triacylglycerol	TAG Ester	54248	DMS-MS	1E+08
9587	TAG52:3-FA20:3	Triacylglycerol	TAG Ester	54595	DMS-MS	1E+08
9588	TAG52:3-FA22:1	Triacylglycerol	TAG Ester	53719	DMS-MS	1E+08
9590	TAG52:4-FA14:0	Triacylglycerol	TAG Ester	54596	DMS-MS	1E+08
9593	TAG52:4-FA16:0	Triacylglycerol	TAG Ester	54249	DMS-MS	1E+08
9594	TAG52:4-FA16:1	Triacylglycerol	TAG Ester	54062	DMS-MS	1E+08
9596	TAG52:4-FA18:0	Triacylglycerol	TAG Ester	53382	DMS-MS	1E+08
9597	TAG52:4-FA18:1	Triacylglycerol	TAG Ester	53898	DMS-MS	1E+08
9598	TAG52:4-FA18:2	Triacylglycerol	TAG Ester	54597	DMS-MS	1E+08
9599	TAG52:4-FA18:3	Triacylglycerol	TAG Ester	54419	DMS-MS	1E+08
9600	TAG52:4-FA20:0	Triacylglycerol	TAG Ester	53383	DMS-MS	1E+08
9602	TAG52:4-FA20:2	Triacylglycerol	TAG Ester	53899	DMS-MS	1E+08

9603	TAG52:4-FA20:3	Triacylglycerol	TAG Ester	53900	DMS-MS	1E+08
9604	TAG52:4-FA20:4	Triacylglycerol	TAG Ester	53563	DMS-MS	1E+08
9605	TAG52:4-FA22:1	Triacylglycerol	TAG Ester	54598	DMS-MS	1E+08
9606	TAG52:4-FA22:4	Triacylglycerol	TAG Ester	53384	DMS-MS	1E+08
9608	TAG52:5-FA14:0	Triacylglycerol	TAG Ester	53901	DMS-MS	1E+08
9611	TAG52:5-FA16:0	Triacylglycerol	TAG Ester	54250	DMS-MS	1E+08
9612	TAG52:5-FA16:1	Triacylglycerol	TAG Ester	54063	DMS-MS	1E+08
9615	TAG52:5-FA18:1	Triacylglycerol	TAG Ester	54420	DMS-MS	1E+08
9616	TAG52:5-FA18:2	Triacylglycerol	TAG Ester	54251	DMS-MS	1E+08
9617	TAG52:5-FA18:3	Triacylglycerol	TAG Ester	53720	DMS-MS	1E+08
9621	TAG52:5-FA20:3	Triacylglycerol	TAG Ester	53902	DMS-MS	1E+08
9622	TAG52:5-FA20:4	Triacylglycerol	TAG Ester	53721	DMS-MS	1E+08
9623	TAG52:5-FA20:5	Triacylglycerol	TAG Ester	53722	DMS-MS	1E+08
9625	TAG52:5-FA22:5	Triacylglycerol	TAG Ester	53385	DMS-MS	1E+08
9627	TAG52:6-FA14:0	Triacylglycerol	TAG Ester	54421	DMS-MS	1E+08
9630	TAG52:6-FA16:0	Triacylglycerol	TAG Ester	54599	DMS-MS	1E+08

9631	TAG52:6-FA16:1	Triacylglycerol	TAG Ester	53386	DMS-MS	1E+08
9633	TAG52:6-FA18:1	Triacylglycerol	TAG Ester	54422	DMS-MS	1E+08
9634	TAG52:6-FA18:2	Triacylglycerol	TAG Ester	53387	DMS-MS	1E+08
9635	TAG52:6-FA18:3	Triacylglycerol	TAG Ester	54064	DMS-MS	1E+08
9639	TAG52:6-FA20:4	Triacylglycerol	TAG Ester	54065	DMS-MS	1E+08
9640	TAG52:6-FA20:5	Triacylglycerol	TAG Ester	53723	DMS-MS	1E+08
9643	TAG52:6-FA22:6	Triacylglycerol	TAG Ester	54252	DMS-MS	1E+08
9647	TAG52:7-FA16:0	Triacylglycerol	TAG Ester	53564	DMS-MS	1E+08
9649	TAG52:7-FA18:1	Triacylglycerol	TAG Ester	54423	DMS-MS	1E+08
9655	TAG52:7-FA20:5	Triacylglycerol	TAG Ester	54066	DMS-MS	1E+08
9658	TAG52:7-FA22:6	Triacylglycerol	TAG Ester	54600	DMS-MS	1E+08
9662	TAG52:8-FA16:1	Triacylglycerol	TAG Ester	53388	DMS-MS	1E+08
9663	TAG52:8-FA18:2	Triacylglycerol	TAG Ester	53724	DMS-MS	1E+08
9678	TAG53:0-FA16:0	Triacylglycerol	TAG Ester	54601	DMS-MS	1E+08
9688	TAG53:1-FA16:0	Triacylglycerol	TAG Ester	54602	DMS-MS	1E+08
9690	TAG53:1-FA17:0	Triacylglycerol	TAG Ester	53725	DMS-MS	1E+08

9691	TAG53:1-FA18:0	Triacylglycerol	TAG Ester	54424	DMS-MS	1E+08
9692	TAG53:1-FA18:1	Triacylglycerol	TAG Ester	54603	DMS-MS	1E+08
9702	TAG53:2-FA16:0	Triacylglycerol	TAG Ester	54253	DMS-MS	1E+08
9704	TAG53:2-FA17:0	Triacylglycerol	TAG Ester	54254	DMS-MS	1E+08
9705	TAG53:2-FA18:0	Triacylglycerol	TAG Ester	53726	DMS-MS	1E+08
9706	TAG53:2-FA18:1	Triacylglycerol	TAG Ester	54425	DMS-MS	1E+08
9707	TAG53:2-FA18:2	Triacylglycerol	TAG Ester	53727	DMS-MS	1E+08
9716	TAG53:3-FA16:0	Triacylglycerol	TAG Ester	54255	DMS-MS	1E+08
9718	TAG53:3-FA17:0	Triacylglycerol	TAG Ester	54067	DMS-MS	1E+08
9719	TAG53:3-FA18:0	Triacylglycerol	TAG Ester	53728	DMS-MS	1E+08
9720	TAG53:3-FA18:1	Triacylglycerol	TAG Ester	53389	DMS-MS	1E+08
9721	TAG53:3-FA18:2	Triacylglycerol	TAG Ester	53390	DMS-MS	1E+08
9729	TAG53:4-FA16:0	Triacylglycerol	TAG Ester	53391	DMS-MS	1E+08
9731	TAG53:4-FA17:0	Triacylglycerol	TAG Ester	54426	DMS-MS	1E+08
9732	TAG53:4-FA18:0	Triacylglycerol	TAG Ester	53565	DMS-MS	1E+08
9733	TAG53:4-FA18:1	Triacylglycerol	TAG Ester	53392	DMS-MS	1E+08

9734	TAG53:4-FA18:2	Triacylglycerol	TAG Ester	54256	DMS-MS	1E+08
9735	TAG53:4-FA18:3	Triacylglycerol	TAG Ester	53729	DMS-MS	1E+08
9739	TAG53:4-FA20:4	Triacylglycerol	TAG Ester	53903	DMS-MS	1E+08
9748	TAG53:5-FA18:1	Triacylglycerol	TAG Ester	54427	DMS-MS	1E+08
9749	TAG53:5-FA18:2	Triacylglycerol	TAG Ester	54257	DMS-MS	1E+08
9750	TAG53:5-FA18:3	Triacylglycerol	TAG Ester	53730	DMS-MS	1E+08
9753	TAG53:5-FA20:4	Triacylglycerol	TAG Ester	53731	DMS-MS	1E+08
9763	TAG53:6-FA18:1	Triacylglycerol	TAG Ester	53904	DMS-MS	1E+08
9764	TAG53:6-FA18:2	Triacylglycerol	TAG Ester	54428	DMS-MS	1E+08
9765	TAG53:6-FA18:3	Triacylglycerol	TAG Ester	53566	DMS-MS	1E+08
9767	TAG53:6-FA20:4	Triacylglycerol	TAG Ester	53567	DMS-MS	1E+08
9777	TAG53:7-FA18:3	Triacylglycerol	TAG Ester	54258	DMS-MS	1E+08
9786	TAG54:0-FA16:0	Triacylglycerol	TAG Ester	53732	DMS-MS	1E+08
9788	TAG54:0-FA18:0	Triacylglycerol	TAG Ester	54068	DMS-MS	1E+08
9797	TAG54:1-FA16:0	Triacylglycerol	TAG Ester	54429	DMS-MS	1E+08
9800	TAG54:1-FA18:0	Triacylglycerol	TAG Ester	54069	DMS-MS	1E+08

9801	TAG54:1-FA18:1	Triacylglycerol	TAG Ester	53568	DMS-MS	1E+08
9802	TAG54:1-FA20:0	Triacylglycerol	TAG Ester	54430	DMS-MS	1E+08
9803	TAG54:1-FA20:1	Triacylglycerol	TAG Ester	54431	DMS-MS	1E+08
9823	TAG54:2-FA16:0	Triacylglycerol	TAG Ester	53733	DMS-MS	1E+08
9826	TAG54:2-FA18:0	Triacylglycerol	TAG Ester	54259	DMS-MS	1E+08
9827	TAG54:2-FA18:1	Triacylglycerol	TAG Ester	54070	DMS-MS	1E+08
9828	TAG54:2-FA18:2	Triacylglycerol	TAG Ester	54432	DMS-MS	1E+08
9830	TAG54:2-FA20:0	Triacylglycerol	TAG Ester	53905	DMS-MS	1E+08
9831	TAG54:2-FA20:1	Triacylglycerol	TAG Ester	53393	DMS-MS	1E+08
9832	TAG54:2-FA20:2	Triacylglycerol	TAG Ester	53394	DMS-MS	1E+08
9839	TAG54:3-FA16:0	Triacylglycerol	TAG Ester	53569	DMS-MS	1E+08
9840	TAG54:3-FA16:1	Triacylglycerol	TAG Ester	54260	DMS-MS	1E+08
9842	TAG54:3-FA18:0	Triacylglycerol	TAG Ester	54604	DMS-MS	1E+08
9843	TAG54:3-FA18:1	Triacylglycerol	TAG Ester	53906	DMS-MS	1E+08
9844	TAG54:3-FA18:2	Triacylglycerol	TAG Ester	54433	DMS-MS	1E+08
9845	TAG54:3-FA18:3	Triacylglycerol	TAG Ester	54605	DMS-MS	1E+08

9847	TAG54:3-FA20:1	Triacylglycerol	TAG Ester	54434	DMS-MS	1E+08
9848	TAG54:3-FA20:2	Triacylglycerol	TAG Ester	54261	DMS-MS	1E+08
9849	TAG54:3-FA20:3	Triacylglycerol	TAG Ester	53395	DMS-MS	1E+08
9855	TAG54:4-FA16:0	Triacylglycerol	TAG Ester	53734	DMS-MS	1E+08
9856	TAG54:4-FA16:1	Triacylglycerol	TAG Ester	53570	DMS-MS	1E+08
9858	TAG54:4-FA18:0	Triacylglycerol	TAG Ester	53907	DMS-MS	1E+08
9859	TAG54:4-FA18:1	Triacylglycerol	TAG Ester	54435	DMS-MS	1E+08
9860	TAG54:4-FA18:2	Triacylglycerol	TAG Ester	54262	DMS-MS	1E+08
9861	TAG54:4-FA18:3	Triacylglycerol	TAG Ester	54436	DMS-MS	1E+08
9863	TAG54:4-FA20:1	Triacylglycerol	TAG Ester	54263	DMS-MS	1E+08
9864	TAG54:4-FA20:2	Triacylglycerol	TAG Ester	53908	DMS-MS	1E+08
9865	TAG54:4-FA20:3	Triacylglycerol	TAG Ester	53909	DMS-MS	1E+08
9866	TAG54:4-FA20:4	Triacylglycerol	TAG Ester	54437	DMS-MS	1E+08
9867	TAG54:4-FA22:1	Triacylglycerol	TAG Ester	54438	DMS-MS	1E+08
9868	TAG54:4-FA22:4	Triacylglycerol	TAG Ester	53571	DMS-MS	1E+08
9873	TAG54:5-FA16:0	Triacylglycerol	TAG Ester	54439	DMS-MS	1E+08

9874	TAG54:5-FA16:1	Triacylglycerol	TAG Ester	53735	DMS-MS	1E+08
9876	TAG54:5-FA18:0	Triacylglycerol	TAG Ester	54440	DMS-MS	1E+08
9877	TAG54:5-FA18:1	Triacylglycerol	TAG Ester	53736	DMS-MS	1E+08
9878	TAG54:5-FA18:2	Triacylglycerol	TAG Ester	53910	DMS-MS	1E+08
9879	TAG54:5-FA18:3	Triacylglycerol	TAG Ester	54441	DMS-MS	1E+08
9882	TAG54:5-FA20:2	Triacylglycerol	TAG Ester	53396	DMS-MS	1E+08
9883	TAG54:5-FA20:3	Triacylglycerol	TAG Ester	53737	DMS-MS	1E+08
9884	TAG54:5-FA20:4	Triacylglycerol	TAG Ester	54264	DMS-MS	1E+08
9885	TAG54:5-FA20:5	Triacylglycerol	TAG Ester	54265	DMS-MS	1E+08
9886	TAG54:5-FA22:1	Triacylglycerol	TAG Ester	54442	DMS-MS	1E+08
9887	TAG54:5-FA22:4	Triacylglycerol	TAG Ester	54071	DMS-MS	1E+08
9888	TAG54:5-FA22:5	Triacylglycerol	TAG Ester	54606	DMS-MS	1E+08
9893	TAG54:6-FA16:0	Triacylglycerol	TAG Ester	53572	DMS-MS	1E+08
9894	TAG54:6-FA16:1	Triacylglycerol	TAG Ester	53738	DMS-MS	1E+08
9897	TAG54:6-FA18:1	Triacylglycerol	TAG Ester	54072	DMS-MS	1E+08
9898	TAG54:6-FA18:2	Triacylglycerol	TAG Ester	54073	DMS-MS	1E+08

9899	TAG54:6-FA18:3	Triacylglycerol	TAG Ester	53739	DMS-MS	1E+08
9903	TAG54:6-FA20:3	Triacylglycerol	TAG Ester	54074	DMS-MS	1E+08
9904	TAG54:6-FA20:4	Triacylglycerol	TAG Ester	53911	DMS-MS	1E+08
9905	TAG54:6-FA20:5	Triacylglycerol	TAG Ester	54607	DMS-MS	1E+08
9908	TAG54:6-FA22:5	Triacylglycerol	TAG Ester	53397	DMS-MS	1E+08
9909	TAG54:6-FA22:6	Triacylglycerol	TAG Ester	54608	DMS-MS	1E+08
9914	TAG54:7-FA16:1	Triacylglycerol	TAG Ester	54266	DMS-MS	1E+08
9916	TAG54:7-FA18:1	Triacylglycerol	TAG Ester	53573	DMS-MS	1E+08
9917	TAG54:7-FA18:2	Triacylglycerol	TAG Ester	54075	DMS-MS	1E+08
9918	TAG54:7-FA18:3	Triacylglycerol	TAG Ester	53398	DMS-MS	1E+08
9922	TAG54:7-FA20:4	Triacylglycerol	TAG Ester	53574	DMS-MS	1E+08
9923	TAG54:7-FA20:5	Triacylglycerol	TAG Ester	53399	DMS-MS	1E+08
9925	TAG54:7-FA22:5	Triacylglycerol	TAG Ester	54443	DMS-MS	1E+08
9926	TAG54:7-FA22:6	Triacylglycerol	TAG Ester	54609	DMS-MS	1E+08
9933	TAG54:8-FA18:2	Triacylglycerol	TAG Ester	53400	DMS-MS	1E+08
9934	TAG54:8-FA18:3	Triacylglycerol	TAG Ester	53740	DMS-MS	1E+08

9937	TAG54:8-FA20:4	Triacylglycerol	TAG Ester	53741	DMS-MS	1E+08
9938	TAG54:8-FA20:5	Triacylglycerol	TAG Ester	54444	DMS-MS	1E+08
9941	TAG54:8-FA22:6	Triacylglycerol	TAG Ester	54076	DMS-MS	1E+08
9964	TAG55:1-FA16:0	Triacylglycerol	TAG Ester	54267	DMS-MS	1E+08
9968	TAG55:1-FA18:1	Triacylglycerol	TAG Ester	54610	DMS-MS	1E+08
9982	TAG55:2-FA18:1	Triacylglycerol	TAG Ester	54268	DMS-MS	1E+08
9983	TAG55:2-FA18:2	Triacylglycerol	TAG Ester	53742	DMS-MS	1E+08
9995	TAG55:3-FA18:1	Triacylglycerol	TAG Ester	54077	DMS-MS	1E+08
9996	TAG55:3-FA18:2	Triacylglycerol	TAG Ester	53575	DMS-MS	1E+08
10008	TAG55:4-FA18:1	Triacylglycerol	TAG Ester	54611	DMS-MS	1E+08
10009	TAG55:4-FA18:2	Triacylglycerol	TAG Ester	54078	DMS-MS	1E+08
10023	TAG55:5-FA18:1	Triacylglycerol	TAG Ester	53912	DMS-MS	1E+08
10024	TAG55:5-FA18:2	Triacylglycerol	TAG Ester	53913	DMS-MS	1E+08
10030	TAG55:5-FA20:4	Triacylglycerol	TAG Ester	53914	DMS-MS	1E+08
10039	TAG55:6-FA18:1	Triacylglycerol	TAG Ester	53915	DMS-MS	1E+08
10044	TAG55:6-FA20:3	Triacylglycerol	TAG Ester	54445	DMS-MS	1E+08

10045	TAG55:6-FA20:4	Triacylglycerol	TAG Ester	54269	DMS-MS	1E+08
10050	TAG55:7-FA15:0	Triacylglycerol	TAG Ester	54270	DMS-MS	1E+08
10053	TAG55:7-FA18:1	Triacylglycerol	TAG Ester	53916	DMS-MS	1E+08
10057	TAG55:7-FA20:3	Triacylglycerol	TAG Ester	53576	DMS-MS	1E+08
10058	TAG55:7-FA20:4	Triacylglycerol	TAG Ester	53917	DMS-MS	1E+08
10062	TAG55:7-FA22:6	Triacylglycerol	TAG Ester	54271	DMS-MS	1E+08
10068	TAG55:8-FA20:4	Triacylglycerol	TAG Ester	53743	DMS-MS	1E+08
10083	TAG56:1-FA16:0	Triacylglycerol	TAG Ester	53401	DMS-MS	1E+08
10087	TAG56:1-FA18:1	Triacylglycerol	TAG Ester	54080	DMS-MS	1E+08
10098	TAG56:10-FA18:2	Triacylglycerol	TAG Ester	54079	DMS-MS	1E+08
10122	TAG56:2-FA16:0	Triacylglycerol	TAG Ester	53402	DMS-MS	1E+08
10124	TAG56:2-FA18:0	Triacylglycerol	TAG Ester	54272	DMS-MS	1E+08
10125	TAG56:2-FA18:1	Triacylglycerol	TAG Ester	53577	DMS-MS	1E+08
10127	TAG56:2-FA20:0	Triacylglycerol	TAG Ester	54273	DMS-MS	1E+08
10128	TAG56:2-FA20:1	Triacylglycerol	TAG Ester	53403	DMS-MS	1E+08
10134	TAG56:3-FA16:0	Triacylglycerol	TAG Ester	54612	DMS-MS	1E+08

10136	TAG56:3-FA18:0	Triacylglycerol	TAG Ester	54613	DMS-MS	1E+08
10137	TAG56:3-FA18:1	Triacylglycerol	TAG Ester	54446	DMS-MS	1E+08
10138	TAG56:3-FA18:2	Triacylglycerol	TAG Ester	53404	DMS-MS	1E+08
10140	TAG56:3-FA20:0	Triacylglycerol	TAG Ester	53405	DMS-MS	1E+08
10141	TAG56:3-FA20:1	Triacylglycerol	TAG Ester	53578	DMS-MS	1E+08
10142	TAG56:3-FA20:2	Triacylglycerol	TAG Ester	53579	DMS-MS	1E+08
10148	TAG56:4-FA16:0	Triacylglycerol	TAG Ester	54614	DMS-MS	1E+08
10151	TAG56:4-FA18:0	Triacylglycerol	TAG Ester	53406	DMS-MS	1E+08
10152	TAG56:4-FA18:1	Triacylglycerol	TAG Ester	53744	DMS-MS	1E+08
10153	TAG56:4-FA18:2	Triacylglycerol	TAG Ester	53745	DMS-MS	1E+08
10156	TAG56:4-FA20:1	Triacylglycerol	TAG Ester	54274	DMS-MS	1E+08
10157	TAG56:4-FA20:2	Triacylglycerol	TAG Ester	53580	DMS-MS	1E+08
10158	TAG56:4-FA20:3	Triacylglycerol	TAG Ester	53746	DMS-MS	1E+08
10159	TAG56:4-FA20:4	Triacylglycerol	TAG Ester	54615	DMS-MS	1E+08
10161	TAG56:4-FA22:4	Triacylglycerol	TAG Ester	53918	DMS-MS	1E+08
10165	TAG56:5-FA16:0	Triacylglycerol	TAG Ester	54616	DMS-MS	1E+08

10168	TAG56:5-FA18:0	Triacylglycerol	TAG Ester	53919	DMS-MS	1E+08
10169	TAG56:5-FA18:1	Triacylglycerol	TAG Ester	53920	DMS-MS	1E+08
10170	TAG56:5-FA18:2	Triacylglycerol	TAG Ester	54275	DMS-MS	1E+08
10173	TAG56:5-FA20:1	Triacylglycerol	TAG Ester	54447	DMS-MS	1E+08
10174	TAG56:5-FA20:2	Triacylglycerol	TAG Ester	53407	DMS-MS	1E+08
10175	TAG56:5-FA20:3	Triacylglycerol	TAG Ester	54448	DMS-MS	1E+08
10176	TAG56:5-FA20:4	Triacylglycerol	TAG Ester	54449	DMS-MS	1E+08
10179	TAG56:5-FA22:4	Triacylglycerol	TAG Ester	54276	DMS-MS	1E+08
10180	TAG56:5-FA22:5	Triacylglycerol	TAG Ester	53581	DMS-MS	1E+08
10184	TAG56:6-FA16:0	Triacylglycerol	TAG Ester	54617	DMS-MS	1E+08
10187	TAG56:6-FA18:0	Triacylglycerol	TAG Ester	53921	DMS-MS	1E+08
10188	TAG56:6-FA18:1	Triacylglycerol	TAG Ester	54277	DMS-MS	1E+08
10189	TAG56:6-FA18:2	Triacylglycerol	TAG Ester	54081	DMS-MS	1E+08
10190	TAG56:6-FA18:3	Triacylglycerol	TAG Ester	53747	DMS-MS	1E+08
10193	TAG56:6-FA20:2	Triacylglycerol	TAG Ester	54082	DMS-MS	1E+08
10194	TAG56:6-FA20:3	Triacylglycerol	TAG Ester	53408	DMS-MS	1E+08

10195	TAG56:6-FA20:4	Triacylglycerol	TAG Ester	54618	DMS-MS	1E+08
10196	TAG56:6-FA20:5	Triacylglycerol	TAG Ester	54278	DMS-MS	1E+08
10198	TAG56:6-FA22:4	Triacylglycerol	TAG Ester	53922	DMS-MS	1E+08
10199	TAG56:6-FA22:5	Triacylglycerol	TAG Ester	54083	DMS-MS	1E+08
10200	TAG56:6-FA22:6	Triacylglycerol	TAG Ester	53582	DMS-MS	1E+08
10204	TAG56:7-FA16:0	Triacylglycerol	TAG Ester	53748	DMS-MS	1E+08
10205	TAG56:7-FA16:1	Triacylglycerol	TAG Ester	53583	DMS-MS	1E+08
10206	TAG56:7-FA18:0	Triacylglycerol	TAG Ester	53749	DMS-MS	1E+08
10207	TAG56:7-FA18:1	Triacylglycerol	TAG Ester	53584	DMS-MS	1E+08
10208	TAG56:7-FA18:2	Triacylglycerol	TAG Ester	53409	DMS-MS	1E+08
10209	TAG56:7-FA18:3	Triacylglycerol	TAG Ester	53585	DMS-MS	1E+08
10213	TAG56:7-FA20:3	Triacylglycerol	TAG Ester	53410	DMS-MS	1E+08
10214	TAG56:7-FA20:4	Triacylglycerol	TAG Ester	53750	DMS-MS	1E+08
10215	TAG56:7-FA20:5	Triacylglycerol	TAG Ester	54279	DMS-MS	1E+08
10217	TAG56:7-FA22:4	Triacylglycerol	TAG Ester	54084	DMS-MS	1E+08
10218	TAG56:7-FA22:5	Triacylglycerol	TAG Ester	54450	DMS-MS	1E+08

10219	TAG56:7-FA22:6	Triacylglycerol	TAG Ester	54619	DMS-MS	1E+08
10223	TAG56:8-FA16:0	Triacylglycerol	TAG Ester	53923	DMS-MS	1E+08
10224	TAG56:8-FA16:1	Triacylglycerol	TAG Ester	54085	DMS-MS	1E+08
10226	TAG56:8-FA18:1	Triacylglycerol	TAG Ester	54280	DMS-MS	1E+08
10227	TAG56:8-FA18:2	Triacylglycerol	TAG Ester	53411	DMS-MS	1E+08
10228	TAG56:8-FA18:3	Triacylglycerol	TAG Ester	53924	DMS-MS	1E+08
10232	TAG56:8-FA20:4	Triacylglycerol	TAG Ester	54451	DMS-MS	1E+08
10233	TAG56:8-FA20:5	Triacylglycerol	TAG Ester	53751	DMS-MS	1E+08
10235	TAG56:8-FA22:5	Triacylglycerol	TAG Ester	54620	DMS-MS	1E+08
10236	TAG56:8-FA22:6	Triacylglycerol	TAG Ester	53412	DMS-MS	1E+08
10244	TAG56:9-FA18:3	Triacylglycerol	TAG Ester	54621	DMS-MS	1E+08
10247	TAG56:9-FA20:4	Triacylglycerol	TAG Ester	54622	DMS-MS	1E+08
10248	TAG56:9-FA20:5	Triacylglycerol	TAG Ester	53925	DMS-MS	1E+08
10251	TAG56:9-FA22:6	Triacylglycerol	TAG Ester	54452	DMS-MS	1E+08
10279	TAG57:2-FA18:1	Triacylglycerol	TAG Ester	54086	DMS-MS	1E+08
10289	TAG57:3-FA18:2	Triacylglycerol	TAG Ester	53586	DMS-MS	1E+08

10358	TAG57:8-FA22:6	Triacylglycerol	TAG Ester	54454	DMS-MS	1E+08
10367	TAG57:9-FA22:6	Triacylglycerol	TAG Ester	53413	DMS-MS	1E+08
10385	TAG58:10-FA18:2	Triacylglycerol	TAG Ester	54281	DMS-MS	1E+08
10389	TAG58:10-FA20:4	Triacylglycerol	TAG Ester	53414	DMS-MS	1E+08
10390	TAG58:10-FA20:5	Triacylglycerol	TAG Ester	54087	DMS-MS	1E+08
10392	TAG58:10-FA22:5	Triacylglycerol	TAG Ester	53752	DMS-MS	1E+08
10393	TAG58:10-FA22:6	Triacylglycerol	TAG Ester	53587	DMS-MS	1E+08
10424	TAG58:2-FA18:1	Triacylglycerol	TAG Ester	53753	DMS-MS	1E+08
10435	TAG58:3-FA18:1	Triacylglycerol	TAG Ester	54282	DMS-MS	1E+08
10460	TAG58:5-FA18:1	Triacylglycerol	TAG Ester	53588	DMS-MS	1E+08
10474	TAG58:6-FA16:0	Triacylglycerol	TAG Ester	53589	DMS-MS	1E+08
10476	TAG58:6-FA18:0	Triacylglycerol	TAG Ester	54455	DMS-MS	1E+08
10477	TAG58:6-FA18:1	Triacylglycerol	TAG Ester	53754	DMS-MS	1E+08
10484	TAG58:6-FA20:4	Triacylglycerol	TAG Ester	54283	DMS-MS	1E+08
10487	TAG58:6-FA22:4	Triacylglycerol	TAG Ester	53415	DMS-MS	1E+08
10488	TAG58:6-FA22:5	Triacylglycerol	TAG Ester	53590	DMS-MS	1E+08

10492	TAG58:7-FA16:0	Triacylglycerol	TAG Ester	53591	DMS-MS	1E+08
10494	TAG58:7-FA18:0	Triacylglycerol	TAG Ester	53416	DMS-MS	1E+08
10495	TAG58:7-FA18:1	Triacylglycerol	TAG Ester	54284	DMS-MS	1E+08
10496	TAG58:7-FA18:2	Triacylglycerol	TAG Ester	53926	DMS-MS	1E+08
10502	TAG58:7-FA20:4	Triacylglycerol	TAG Ester	54456	DMS-MS	1E+08
10505	TAG58:7-FA22:4	Triacylglycerol	TAG Ester	54623	DMS-MS	1E+08
10506	TAG58:7-FA22:5	Triacylglycerol	TAG Ester	53417	DMS-MS	1E+08
10507	TAG58:7-FA22:6	Triacylglycerol	TAG Ester	53418	DMS-MS	1E+08
10513	TAG58:8-FA18:1	Triacylglycerol	TAG Ester	54457	DMS-MS	1E+08
10514	TAG58:8-FA18:2	Triacylglycerol	TAG Ester	53755	DMS-MS	1E+08
10519	TAG58:8-FA20:3	Triacylglycerol	TAG Ester	54088	DMS-MS	1E+08
10520	TAG58:8-FA20:4	Triacylglycerol	TAG Ester	54458	DMS-MS	1E+08
10524	TAG58:8-FA22:5	Triacylglycerol	TAG Ester	53756	DMS-MS	1E+08
10525	TAG58:8-FA22:6	Triacylglycerol	TAG Ester	53419	DMS-MS	1E+08
10531	TAG58:9-FA18:1	Triacylglycerol	TAG Ester	54089	DMS-MS	1E+08
10532	TAG58:9-FA18:2	Triacylglycerol	TAG Ester	54624	DMS-MS	1E+08

10537	TAG58:9-FA20:4	Triacylglycerol	TAG Ester	53927	DMS-MS	1E+08
10540	TAG58:9-FA22:5	Triacylglycerol	TAG Ester	53420	DMS-MS	1E+08
10541	TAG58:9-FA22:6	Triacylglycerol	TAG Ester	54459	DMS-MS	1E+08
10637	TAG60:10-FA22:5	Triacylglycerol	TAG Ester	53757	DMS-MS	1E+08
10638	TAG60:10-FA22:6	Triacylglycerol	TAG Ester	53758	DMS-MS	1E+08
10651	TAG60:11-FA22:5	Triacylglycerol	TAG Ester	54090	DMS-MS	1E+08
10652	TAG60:11-FA22:6	Triacylglycerol	TAG Ester	53421	DMS-MS	1E+08
10664	TAG60:12-FA22:6	Triacylglycerol	TAG Ester	54285	DMS-MS	1E+08
7240	Total CE	Neutral Complex Lipids SUM	Cholesteryl Esters	54657	DMS-MS	1E+08
7233	Total CER	Sphingolipid SUM	Ceramides	54667	DMS-MS	1E+08
7241	Total DAG	Neutral Complex Lipids SUM	Diacylglycerols	54659	DMS-MS	1E+08
7234	Total DCER	Sphingolipid SUM	Dihydroceramides	54670	DMS-MS	1E+08
7235	Total HCER	Sphingolipid SUM	Hexosylceramides	54668	DMS-MS	1E+08
7236	Total LCER	Sphingolipid SUM	Lactosylceramides	54669	DMS-MS	1E+08
7229	Total LPC	Phospholipid SUM	Lysophosphatidylcholines	54664	DMS-MS	1E+08
7231	Total LPE	Phospholipid SUM	Lysophosphatidylethanolamines	54665	DMS-MS	1E+08
7244	Total MAG	Neutral Complex Lipids SUM	Monoacylglycerols	62056	DMS-MS	1E+08
7228	Total PC	Phospholipid SUM	Phosphatidylcholines	54661	DMS-MS	1E+08
7230	Total PE	Phospholipid SUM	Phosphatidylethanolamines	54662	DMS-MS	1E+08
7232	Total PI	Phospholipid SUM	Phosphatidylinositols	54663	DMS-MS	1E+08
7237	Total SM	Sphingolipid SUM	Sphingomyelins	54666	DMS-MS	1E+08
7243	Total TAG	Neutral Complex Lipids SUM	Triacylglycerols	54658	DMS-MS	1E+08

Table S3: Module preservation between groups from baseline to 12 months

Module	Zsummary	Size	permutations
black	7.673139704	35	1000
blue	0.719277041	124	1000
brown	10.41052462	87	1000
gold	6.31686534	422	1000
green	8.684735152	46	1000
greenyellow	6.185756222	24	1000
magenta	5.50861525	32	1000
pink	8.158028309	32	1000
purple	7.237960007	31	1000
red	8.886488755	35	1000
turquoise	9.021752131	314	1000
yellow	12.7637155	84	1000

Table S4: Module preservation between groups from baseline to 24 months

Module	Zsummary	Size	permutations
black	9.053995	55	1000
blue	1.807182	147	1000
brown	12.55007	82	1000
gold	6.867676	435	1000
green	8.917544	62	1000
pink	5.949352	28	1000
red	9.786557	60	1000
turquoise	13.14974	362	1000

yellow	11.61541	74	1000

Table S5: CR-specific (blue module) metabolites from baseline to 12 months

Module	Metabolite_	Biochemical	Super_Pathway	Sub_Pathway
blue	delta_id_023_12M	CE(15:0)	Cholesterol Ester	CE Ester
blue	delta_id_024_12M	CE(16:0)	Cholesterol Ester	CE Ester
blue	delta_id_026_12M	CE(17:0)	Cholesterol Ester	CE Ester
blue	delta_id_027_12M	CE(18:0)	Cholesterol Ester	CE Ester
blue	delta_id_028_12M	CE(18:1)	Cholesterol Ester	CE Ester
blue	delta_id_029_12M	CE(18:2)	Cholesterol Ester	CE Ester
blue	delta_id_033_12M	CE(20:1)	Cholesterol Ester	CE Ester
blue	delta_id_034_12M	CE(20:2)	Cholesterol Ester	CE Ester
blue	delta_id_035_12M	CE(20:3)	Cholesterol Ester	CE Ester
blue	delta_id_036_12M	CE(20:4)	Cholesterol Ester	CE Ester
blue	delta_id_041_12M	CE(22:4)	Cholesterol Ester	CE Ester
blue	delta_id_042_12M	CE(22:5)	Cholesterol Ester	CE Ester
blue	delta_id_043_12M	CE(22:6)	Cholesterol Ester	CE Ester
blue	delta_id_044_12M	CE(24:0)	Cholesterol Ester	CE Ester
blue	delta_id_045_12M	CE(24:1)	Cholesterol Ester	CE Ester
blue	delta_id_046_12M	CER(14:0)	Sphingolipids	Ceramide
blue	delta_id_047_12M	CER(16:0)	Sphingolipids	Ceramide
blue	delta_id_048_12M	CER(18:0)	Sphingolipids	Ceramide
blue	delta_id_049_12M	CER(18:1)	Sphingolipids	Ceramide
blue	delta_id_050_12M	CER(20:0)	Sphingolipids	Ceramide
blue	delta_id_051_12M	CER(20:1)	Sphingolipids	Ceramide
blue	delta_id_052_12M	CER(22:0)	Sphingolipids	Ceramide
blue	delta_id_053_12M	CER(22:1)	Sphingolipids	Ceramide
blue	delta_id_054_12M	CER(24:0)	Sphingolipids	Ceramide
blue	delta_id_055_12M	CER(24:1)	Sphingolipids	Ceramide

blue	delta_id_057_12M	CER(26:1)	Sphingolipids	Ceramide
blue	delta_id_116_12M	DCER(14:0)	Sphingolipids	Dihydroceramide
blue	delta_id_117_12M	DCER(16:0)	Sphingolipids	Dihydroceramide
blue	delta_id_118_12M	DCER(18:0)	Sphingolipids	Dihydroceramide
blue	delta_id_119_12M	DCER(18:1)	Sphingolipids	Dihydroceramide
blue	delta_id_120_12M	DCER(20:0)	Sphingolipids	Dihydroceramide
blue	delta_id_121_12M	DCER(20:1)	Sphingolipids	Dihydroceramide
blue	delta_id_122_12M	DCER(22:0)	Sphingolipids	Dihydroceramide
blue	delta_id_123_12M	DCER(22:1)	Sphingolipids	Dihydroceramide
blue	delta_id_124_12M	DCER(22:2)	Sphingolipids	Dihydroceramide
blue	delta_id_125_12M	DCER(24:0)	Sphingolipids	Dihydroceramide
blue	delta_id_126_12M	DCER(24:1)	Sphingolipids	Dihydroceramide
blue	delta_id_128_12M	DCER(26:1)	Sphingolipids	Dihydroceramide
blue	delta_id_129_12M	HCER(14:0)	Sphingolipids	Hexosylceramide
blue	delta_id_130_12M	HCER(16:0)	Sphingolipids	Hexosylceramide
blue	delta_id_131_12M	HCER(18:0)	Sphingolipids	Hexosylceramide
blue	delta_id_132_12M	HCER(18:1)	Sphingolipids	Hexosylceramide
blue	delta_id_133_12M	HCER(20:0)	Sphingolipids	Hexosylceramide
blue	delta_id_134_12M	HCER(20:1)	Sphingolipids	Hexosylceramide
blue	delta_id_135_12M	HCER(22:0)	Sphingolipids	Hexosylceramide
blue	delta_id_136_12M	HCER(22:1)	Sphingolipids	Hexosylceramide
blue	delta_id_137_12M	HCER(24:0)	Sphingolipids	Hexosylceramide
blue	delta_id_138_12M	HCER(24:1)	Sphingolipids	Hexosylceramide
blue	delta_id_139_12M	HCER(26:0)	Sphingolipids	Hexosylceramide
blue	delta_id_141_12M	LCER(14:0)	Sphingolipids	Lactosylceramide
blue	delta_id_142_12M	LCER(16:0)	Sphingolipids	Lactosylceramide
blue	delta_id_144_12M	LCER(18:1)	Sphingolipids	Lactosylceramide
blue	delta_id_145_12M	LCER(20:0)	Sphingolipids	Lactosylceramide
blue	delta_id_146_12M	LCER(20:1)	Sphingolipids	Lactosylceramide

blue	delta_id_147_12M	LCER(22:0)	Sphingolipids	Lactosylceramide
blue	delta_id_148_12M	LCER(22:1)	Sphingolipids	Lactosylceramide
blue	delta_id_149_12M	LCER(24:0)	Sphingolipids	Lactosylceramide
blue	delta_id_152_12M	LCER(26:1)	Sphingolipids	Lactosylceramide
blue	delta_id_154_12M	LPC(15:0)	Lysophosphatidylcholine	LPC Ester
blue	delta_id_157_12M	LPC(17:0)	Lysophosphatidylcholine	LPC Ester
blue	delta_id_170_12M	LPC(22:6)	Lysophosphatidylcholine	LPC Ester
blue	delta_id_181_12M	LPE(20:4)	Lysophosphatidylethanolamine	LPE Ester
blue	delta_id_186_12M	MAG(12:0)	MAG	Ester
blue	delta_id_188_12M	MAG(14:1)	MAG	Ester
blue	delta_id_189_12M	MAG(15:0)	MAG	Ester
blue	delta_id_195_12M	MAG(18:2)	MAG	Ester
blue	delta_id_203_12M	MAG(20:5)	MAG	Ester
blue	delta_id_204_12M	MAG(22:0)	MAG	Ester
blue	delta_id_205_12M	MAG(22:1)	MAG	Ester
blue	delta_id_208_12M	MAG(22:5)	MAG	Ester
blue	delta_id_209_12M	MAG(22:6)	MAG	Ester
blue	delta_id_228_12M	PC(15:0/18:2)	Phosphatidylcholine	PC Ester
blue	delta_id_230_12M	PC(15:0/20:4)	Phosphatidylcholine	PC Ester
blue	delta_id_241_12M	PC(16:0/18:2)	Phosphatidylcholine	PC Ester
blue	delta_id_254_12M	PC(17:0/18:2)	Phosphatidylcholine	PC Ester
blue	delta_id_257_12M	PC(17:0/20:4)	Phosphatidylcholine	PC Ester
blue	delta_id_272_12M	PC(18:0/20:4)	Phosphatidylcholine	PC Ester
blue	delta_id_279_12M	PC(18:1/18:2)	Phosphatidylcholine	PC Ester
blue	delta_id_283_12M	PC(18:1/20:3)	Phosphatidylcholine	PC Ester
blue	delta_id_284_12M	PC(18:1/20:4)	Phosphatidylcholine	PC Ester
blue	delta_id_289_12M	PC(18:2/16:1)	Phosphatidylcholine	PC Ester
blue	delta_id_354_12M	PE(18:1/22:0)	Phosphatidylethanolamine	PE Ester

blue	delta_id_386_12M	PE(P-16:0/18:1)	Phosphatidylethanolamine	PE Plasmalogen
blue	delta_id_398_12M	PE(P-18:0/16:0)	Phosphatidylethanolamine	PE Plasmalogen
blue	delta_id_405_12M	PE(P-18:0/20:3)	Phosphatidylethanolamine	PE Plasmalogen
blue	delta_id_414_12M	PE(P-18:1/18:1)	Phosphatidylethanolamine	PE Plasmalogen
blue	delta_id_448_12M	SM(14:0)	Sphingolipids	Sphingomyelin
blue	delta_id_449_12M	SM(16:0)	Sphingolipids	Sphingomyelin
blue	delta_id_450_12M	SM(18:0)	Sphingolipids	Sphingomyelin
blue	delta_id_451_12M	SM(18:1)	Sphingolipids	Sphingomyelin
blue	delta_id_452_12M	SM(20:0)	Sphingolipids	Sphingomyelin
blue	delta_id_453_12M	SM(20:1)	Sphingolipids	Sphingomyelin
blue	delta_id_454_12M	SM(22:0)	Sphingolipids	Sphingomyelin
blue	delta_id_455_12M	SM(22:1)	Sphingolipids	Sphingomyelin
blue	delta_id_456_12M	SM(24:0)	Sphingolipids	Sphingomyelin
blue	delta_id_457_12M	SM(24:1)	Sphingolipids	Sphingomyelin
blue	delta_id_458_12M	SM(26:0)	Sphingolipids	Sphingomyelin
blue	delta_id_459_12M	SM(26:1)	Sphingolipids	Sphingomyelin
blue	delta_id_660_12M	TAG51:3-FA16:0	Triacylglycerol	TAG Ester
blue	delta_id_663_12M	TAG51:3-FA18:1	Triacylglycerol	TAG Ester
blue	delta_id_667_12M	TAG51:4-FA16:0	Triacylglycerol	TAG Ester
blue	delta_id_755_12M	TAG53:3-FA18:0	Triacylglycerol	TAG Ester
blue	delta_id_760_12M	TAG53:4-FA18:0	Triacylglycerol	TAG Ester

blue	delta_id_761_12M	TAG53:4-FA18:1	Triacylglycerol	TAG Ester
blue	delta_id_765_12M	TAG53:5-FA18:1	Triacylglycerol	TAG Ester
blue	delta_id_766_12M	TAG53:5-FA18:2	Triacylglycerol	TAG Ester
blue	delta_id_769_12M	TAG53:6-FA18:1	Triacylglycerol	TAG Ester
blue	delta_id_770_12M	TAG53:6-FA18:2	Triacylglycerol	TAG Ester
blue	delta_id_771_12M	TAG53:6-FA18:3	Triacylglycerol	TAG Ester
blue	delta_id_773_12M	TAG53:7-FA18:3	Triacylglycerol	TAG Ester
blue	delta_id_856_12M	TAG55:6-FA18:1	Triacylglycerol	TAG Ester
blue	delta_id_857_12M	TAG55:6-FA20:3	Triacylglycerol	TAG Ester
blue	delta_id_860_12M	TAG55:7-FA18:1	Triacylglycerol	TAG Ester
blue	delta_id_861_12M	TAG55:7-FA20:3	Triacylglycerol	TAG Ester
blue	delta_id_862_12M	TAG55:7-FA20:4	Triacylglycerol	TAG Ester
blue	delta_id_864_12M	TAG55:8-FA20:4	Triacylglycerol	TAG Ester
blue	delta_id_939_12M	TAG57:9-FA22:6	Triacylglycerol	TAG Ester
blue	delta_id_978_12M	Total CE	Neutral Complex Lipids SUM	Cholesteryl Esters
blue	delta_id_979_12M	Total CER	Sphingolipid SUM	Ceramides
blue	delta_id_981_12M	Total DCER	Sphingolipid SUM	Dihydroceramides
blue	delta_id_982_12M	Total HCER	Sphingolipid SUM	Hexosylceramides

blue	delta_id_983_12M	Total LCER	Sphingolipid SUM	Lactosylceramides
blue	delta_id_987_12M	Total PC	Phospholipid SUM	Phosphatidylcholines
blue	delta_id_990_12M	Total SM	Sphingolipid SUM	Sphingomyelins

Table S6: CR-specific (blue module) metabolites from baseline to 12 months

Module	Metabolite_	Biochemical	Super_Pathway	Sub_Pathway
blue	delta_id_023_24M	CE(15:0)	Cholesterol Ester	CE Ester
blue	delta_id_024_24M	CE(16:0)	Cholesterol Ester	CE Ester
blue	delta_id_026_24M	CE(17:0)	Cholesterol Ester	CE Ester
blue	delta_id_027_24M	CE(18:0)	Cholesterol Ester	CE Ester
blue	delta_id_028_24M	CE(18:1)	Cholesterol Ester	CE Ester
blue	delta_id_029_24M	CE(18:2)	Cholesterol Ester	CE Ester
blue	delta_id_033_24M	CE(20:1)	Cholesterol Ester	CE Ester
blue	delta_id_034_24M	CE(20:2)	Cholesterol Ester	CE Ester
blue	delta_id_035_24M	CE(20:3)	Cholesterol Ester	CE Ester
blue	delta_id_036_24M	CE(20:4)	Cholesterol Ester	CE Ester
blue	delta_id_039_24M	CE(22:1)	Cholesterol Ester	CE Ester
blue	delta_id_041_24M	CE(22:4)	Cholesterol Ester	CE Ester
blue	delta_id_042_24M	CE(22:5)	Cholesterol Ester	CE Ester
blue	delta_id_043_24M	CE(22:6)	Cholesterol Ester	CE Ester
blue	delta_id_044_24M	CE(24:0)	Cholesterol Ester	CE Ester
blue	delta_id_047_24M	CER(16:0)	Sphingolipids	Ceramide
blue	delta_id_048_24M	CER(18:0)	Sphingolipids	Ceramide
blue	delta_id_049_24M	CER(18:1)	Sphingolipids	Ceramide
blue	delta_id_050_24M	CER(20:0)	Sphingolipids	Ceramide
blue	delta_id_051_24M	CER(20:1)	Sphingolipids	Ceramide
blue	delta_id_052_24M	CER(22:0)	Sphingolipids	Ceramide
blue	delta_id_053_24M	CER(22:1)	Sphingolipids	Ceramide
blue	delta_id_054_24M	CER(24:0)	Sphingolipids	Ceramide
blue	delta_id_055_24M	CER(24:1)	Sphingolipids	Ceramide
blue	delta_id_060_24M	DAG(12:0/18:1)	Diacylglycerol	DAG Ester

blue	delta_id_071_24M	DAG(14:1/16:0)	Diacylglycerol	DAG Ester
blue	delta_id_072_24M	DAG(14:1/18:1)	Diacylglycerol	DAG Ester
blue	delta_id_116_24M	DCER(14:0)	Sphingolipids	Dihydroceramide
blue	delta_id_117_24M	DCER(16:0)	Sphingolipids	Dihydroceramide
blue	delta_id_118_24M	DCER(18:0)	Sphingolipids	Dihydroceramide
blue	delta_id_119_24M	DCER(18:1)	Sphingolipids	Dihydroceramide
blue	delta_id_120_24M	DCER(20:0)	Sphingolipids	Dihydroceramide
blue	delta_id_122_24M	DCER(22:0)	Sphingolipids	Dihydroceramide
blue	delta_id_123_24M	DCER(22:1)	Sphingolipids	Dihydroceramide
blue	delta_id_124_24M	DCER(22:2)	Sphingolipids	Dihydroceramide
blue	delta_id_125_24M	DCER(24:0)	Sphingolipids	Dihydroceramide
blue	delta_id_126_24M	DCER(24:1)	Sphingolipids	Dihydroceramide
blue	delta_id_128_24M	DCER(26:1)	Sphingolipids	Dihydroceramide
blue	delta_id_129_24M	HCER(14:0)	Sphingolipids	Hexosylceramide
blue	delta_id_130_24M	HCER(16:0)	Sphingolipids	Hexosylceramide
blue	delta_id_131_24M	HCER(18:0)	Sphingolipids	Hexosylceramide
blue	delta_id_132_24M	HCER(18:1)	Sphingolipids	Hexosylceramide
blue	delta_id_133_24M	HCER(20:0)	Sphingolipids	Hexosylceramide
blue	delta_id_134_24M	HCER(20:1)	Sphingolipids	Hexosylceramide
blue	delta_id_135_24M	HCER(22:0)	Sphingolipids	Hexosylceramide
blue	delta_id_136_24M	HCER(22:1)	Sphingolipids	Hexosylceramide
blue	delta_id_137_24M	HCER(24:0)	Sphingolipids	Hexosylceramide
blue	delta_id_138_24M	HCER(24:1)	Sphingolipids	Hexosylceramide
blue	delta_id_141_24M	LCER(14:0)	Sphingolipids	Lactosylceramide
blue	delta_id_142_24M	LCER(16:0)	Sphingolipids	Lactosylceramide
blue	delta_id_144_24M	LCER(18:1)	Sphingolipids	Lactosylceramide
blue	delta_id_145_24M	LCER(20:0)	Sphingolipids	Lactosylceramide
blue	delta_id_146_24M	LCER(20:1)	Sphingolipids	Lactosylceramide
blue	delta_id_147_24M	LCER(22:0)	Sphingolipids	Lactosylceramide

blue	delta_id_148_24M	LCER(22:1)	Sphingolipids	Lactosylceramide
blue	delta_id_149_24M	LCER(24:0)	Sphingolipids	Lactosylceramide
blue	delta_id_150_24M	LCER(24:1)	Sphingolipids	Lactosylceramide
blue	delta_id_151_24M	LCER(26:0)	Sphingolipids	Lactosylceramide
blue	delta_id_152_24M	LCER(26:1)	Sphingolipids	Lactosylceramide
blue	delta_id_160_24M	LPC(18:2)	Lysophosphatidylcholine	LPC Ester
blue	delta_id_170_24M	LPC(22:6)	Lysophosphatidylcholine	LPC Ester
blue	delta_id_186_24M	MAG(12:0)	MAG	Ester
blue	delta_id_188_24M	MAG(14:1)	MAG	Ester
blue	delta_id_196_24M	MAG(18:3)	MAG	Ester
blue	delta_id_199_24M	MAG(20:1)	MAG	Ester
blue	delta_id_200_24M	MAG(20:2)	MAG	Ester
blue	delta_id_201_24M	MAG(20:3)	MAG	Ester
blue	delta_id_203_24M	MAG(20:5)	MAG	Ester
blue	delta_id_204_24M	MAG(22:0)	MAG	Ester
blue	delta_id_205_24M	MAG(22:1)	MAG	Ester
blue	delta_id_208_24M	MAG(22:5)	MAG	Ester
blue	delta_id_228_24M	PC(15:0/18:2)	Phosphatidylcholine	PC Ester
blue	delta_id_230_24M	PC(15:0/20:4)	Phosphatidylcholine	PC Ester
blue	delta_id_251_24M	PC(16:0/22:6)	Phosphatidylcholine	PC Ester
blue	delta_id_254_24M	PC(17:0/18:2)	Phosphatidylcholine	PC Ester
blue	delta_id_279_24M	PC(18:1/18:2)	Phosphatidylcholine	PC Ester
blue	delta_id_284_24M	PC(18:1/20:4)	Phosphatidylcholine	PC Ester
blue	delta_id_288_24M	PC(18:1/22:6)	Phosphatidylcholine	PC Ester
blue	delta_id_293_24M	PC(18:2/20:2)	Phosphatidylcholine	PC Ester
blue	delta_id_298_24M	PC(18:2/22:5)	Phosphatidylcholine	PC Ester
blue	delta_id_332_24M	PE(18:0/18:0)	Phosphatidylethanolamine	PE Ester
blue	delta_id_354_24M	PE(18:1/22:0)	Phosphatidylethanolamine	PE Ester
blue	delta_id_359_24M	PE(18:2/16:1)	Phosphatidylethanolamine	PE Ester

blue	delta_id_366_24M	PE(O-16:0/18:2)	Phosphatidylethanolamine	PE Ether
blue	delta_id_368_24M	PE(O-16:0/20:4)	Phosphatidylethanolamine	PE Ether
blue	delta_id_372_24M	PE(O-16:0/22:6)	Phosphatidylethanolamine	PE Ether
blue	delta_id_378_24M	PE(O-18:0/20:4)	Phosphatidylethanolamine	PE Ether
blue	delta_id_381_24M	PE(O-18:0/22:5)	Phosphatidylethanolamine	PE Ether
blue	delta_id_382_24M	PE(O-18:0/22:6)	Phosphatidylethanolamine	PE Ether
blue	delta_id_386_24M	PE(P-16:0/18:1)	Phosphatidylethanolamine	PE Plasmalogen
blue	delta_id_387_24M	PE(P-16:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen
blue	delta_id_392_24M	PE(P-16:0/20:4)	Phosphatidylethanolamine	PE Plasmalogen
blue	delta_id_395_24M	PE(P-16:0/22:5)	Phosphatidylethanolamine	PE Plasmalogen
blue	delta_id_396_24M	PE(P-16:0/22:6)	Phosphatidylethanolamine	PE Plasmalogen
blue	delta_id_398_24M	PE(P-18:0/16:0)	Phosphatidylethanolamine	PE Plasmalogen
blue	delta_id_401_24M	PE(P-18:0/18:1)	Phosphatidylethanolamine	PE Plasmalogen
blue	delta_id_402_24M	PE(P-18:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen
blue	delta_id_405_24M	PE(P-18:0/20:3)	Phosphatidylethanolamine	PE Plasmalogen
blue	delta_id_406_24M	PE(P-18:0/20:4)	Phosphatidylethanolamine	PE Plasmalogen
blue	delta_id_409_24M	PE(P-18:0/22:5)	Phosphatidylethanolamine	PE Plasmalogen
blue	delta_id_410_24M	PE(P-18:0/22:6)	Phosphatidylethanolamine	PE Plasmalogen
blue	delta_id_411_24M	PE(P-18:1/16:0)	Phosphatidylethanolamine	PE Plasmalogen
blue	delta_id_414_24M	PE(P-18:1/18:1)	Phosphatidylethanolamine	PE Plasmalogen
blue	delta_id_415_24M	PE(P-18:1/18:2)	Phosphatidylethanolamine	PE Plasmalogen
blue	delta_id_419_24M	PE(P-18:1/20:4)	Phosphatidylethanolamine	PE Plasmalogen
blue	delta_id_421_24M	PE(P-18:1/22:4)	Phosphatidylethanolamine	PE Plasmalogen
blue	delta_id_422_24M	PE(P-18:1/22:5)	Phosphatidylethanolamine	PE Plasmalogen
blue	delta_id_423_24M	PE(P-18:1/22:6)	Phosphatidylethanolamine	PE Plasmalogen
blue	delta_id_424_24M	PE(P-18:2/18:2)	Phosphatidylethanolamine	PE Plasmalogen
blue	delta_id_425_24M	PE(P-18:2/20:4)	Phosphatidylethanolamine	PE Plasmalogen
blue	delta_id_448_24M	SM(14:0)	Sphingolipids	Sphingomyelin
blue	delta_id_449_24M	SM(16:0)	Sphingolipids	Sphingomyelin

blue	delta_id_450_24M	SM(18:0)	Sphingolipids	Sphingomyelin
blue	delta_id_451_24M	SM(18:1)	Sphingolipids	Sphingomyelin
blue	delta_id_452_24M	SM(20:0)	Sphingolipids	Sphingomyelin
blue	delta_id_453_24M	SM(20:1)	Sphingolipids	Sphingomyelin
blue	delta_id_454_24M	SM(22:0)	Sphingolipids	Sphingomyelin
blue	delta_id_455_24M	SM(22:1)	Sphingolipids	Sphingomyelin
blue	delta_id_456_24M	SM(24:0)	Sphingolipids	Sphingomyelin
blue	delta_id_457_24M	SM(24:1)	Sphingolipids	Sphingomyelin
blue	delta_id_458_24M	SM(26:0)	Sphingolipids	Sphingomyelin
blue	delta_id_459_24M	SM(26:1)	Sphingolipids	Sphingomyelin
blue	delta_id_660_24M	TAG51:3-FA16:0	Triacylglycerol	TAG Ester
blue	delta_id_663_24M	TAG51:3-FA18:1	Triacylglycerol	TAG Ester
blue	delta_id_667_24M	TAG51:4-FA16:0	Triacylglycerol	TAG Ester
blue	delta_id_755_24M	TAG53:3-FA18:0	Triacylglycerol	TAG Ester
blue	delta_id_760_24M	TAG53:4-FA18:0	Triacylglycerol	TAG Ester
blue	delta_id_761_24M	TAG53:4-FA18:1	Triacylglycerol	TAG Ester
blue	delta_id_765_24M	TAG53:5-FA18:1	Triacylglycerol	TAG Ester
blue	delta_id_766_24M	TAG53:5-FA18:2	Triacylglycerol	TAG Ester
blue	delta_id_769_24M	TAG53:6-FA18:1	Triacylglycerol	TAG Ester
blue	delta_id_770_24M	TAG53:6-FA18:2	Triacylglycerol	TAG Ester
blue	delta_id_771_24M	TAG53:6-FA18:3	Triacylglycerol	TAG Ester
blue	delta_id_773_24M	TAG53:7-FA18:3	Triacylglycerol	TAG Ester
blue	delta_id_856_24M	TAG55:6-FA18:1	Triacylglycerol	TAG Ester
blue	delta_id_857_24M	TAG55:6-FA20:3	Triacylglycerol	TAG Ester
blue	delta_id_860_24M	TAG55:7-FA18:1	Triacylglycerol	TAG Ester
blue	delta_id_861_24M	TAG55:7-FA20:3	Triacylglycerol	TAG Ester
blue	delta_id_862_24M	TAG55:7-FA20:4	Triacylglycerol	TAG Ester
blue	delta_id_864_24M	TAG55:8-FA20:4	Triacylglycerol	TAG Ester
blue	delta_id_939_24M	TAG57:9-FA22:6	Triacylglycerol	TAG Ester

blue	delta_id_978_24M	Total CE	Neutral Complex Lipids SUM	Cholesteryl Esters
blue	delta_id_979_24M	Total CER	Sphingolipid SUM	Ceramides
blue	delta_id_981_24M	Total DCER	Sphingolipid SUM	Dihydroceramides
blue	delta_id_982_24M	Total HCER	Sphingolipid SUM	Hexosylceramides
blue	delta_id_983_24M	Total LCER	Sphingolipid SUM	Lactosylceramides
blue	delta_id_990_24M	Total SM	Sphingolipid SUM	Sphingomyelins

Table S7: Linear mixed effects model for CR-specific (blue module) metabolites across three timepoints

Biochemical	Comparison	Value	Std.Error	DF	t_value	p_value	Super_pathway	Sub_pathway
CE(15:0)	(Intercept)	1.1332	0.0454	373	24.942	1.73E-81	Cholesterol Ester	CE Ester
CE(15:0)	TP12M	-0.0657	0.0554	373	-1.186	0.2361952	Cholesterol Ester	CE Ester
CE(15:0)	TP24M	-0.0416	0.0549	373	-0.758	0.4490277	Cholesterol Ester	CE Ester
CE(15:0)	txCR	-0.0039	0.0572	189	-0.068	0.9455602	Cholesterol Ester	CE Ester
CE(15:0)	TP12M:txCR	-0.1323	0.0696	373	-1.901	0.0581186	Cholesterol Ester	CE Ester
CE(15:0)	TP24M:txCR	-0.1202	0.0693	373	-1.736	0.08341	Cholesterol Ester	CE Ester
CE(16:0)	(Intercept)	1.0402	0.0343	373	30.298	1.35E-102	Cholesterol Ester	CE Ester
CE(16:0)	TP12M	-0.0271	0.0392	373	-0.691	0.4901878	Cholesterol Ester	CE Ester
CE(16:0)	TP24M	-0.0018	0.0388	373	-0.047	0.9625016	Cholesterol Ester	CE Ester
CE(16:0)	txCR	0.0190	0.0432	189	0.439	0.6614091	Cholesterol Ester	CE Ester
CE(16:0)	TP12M:txCR	-0.0984	0.0493	373	-1.999	0.0463752	Cholesterol Ester	CE Ester
CE(16:0)	TP24M:txCR	-0.1004	0.0490	373	-2.051	0.040974	Cholesterol Ester	CE Ester

CE(17:0)	(Intercept)	1.1189	0.0449	373	24.941	1.75E-81	Cholesterol Ester	CE Ester
CE(17:0)	TP12M	-0.0705	0.0550	373	-1.282	0.2005647	Cholesterol Ester	CE Ester
CE(17:0)	TP24M	-0.0573	0.0545	373	-1.051	0.2938159	Cholesterol Ester	CE Ester
CE(17:0)	txCR	0.0003	0.0565	189	0.006	0.9950997	Cholesterol Ester	CE Ester
CE(17:0)	TP12M:txCR	-0.1323	0.0691	373	-1.914	0.0564076	Cholesterol Ester	CE Ester
CE(17:0)	TP24M:txCR	-0.1260	0.0687	373	-1.833	0.0675325	Cholesterol Ester	CE Ester
CE(18:0)	(Intercept)	1.0861	0.0387	373	28.053	6.35E-94	Cholesterol Ester	CE Ester
CE(18:0)	TP12M	-0.0551	0.0449	373	-1.228	0.2202132	Cholesterol Ester	CE Ester
CE(18:0)	TP24M	-0.0395	0.0445	373	-0.889	0.3743326	Cholesterol Ester	CE Ester
CE(18:0)	txCR	0.0169	0.0487	189	0.346	0.7298982	Cholesterol Ester	CE Ester
CE(18:0)	TP12M:txCR	-0.1129	0.0564	373	-2.003	0.0459465	Cholesterol Ester	CE Ester
CE(18:0)	TP24M:txCR	-0.1093	0.0560	373	-1.950	0.0518767	Cholesterol Ester	CE Ester
CE(18:1)	(Intercept)	1.0420	0.0332	373	31.342	1.53E-106	Cholesterol Ester	CE Ester
CE(18:1)	TP12M	-0.0354	0.0389	373	-0.910	0.3634502	Cholesterol Ester	CE Ester

CE(18:1)	TP24M	-0.0024	0.0386	373	-0.062	0.9506092	Cholesterol Ester	CE Ester
CE(18:1)	txCR	0.0224	0.0419	189	0.536	0.592626	Cholesterol Ester	CE Ester
CE(18:1)	TP12M:txCR	-0.0910	0.0489	373	-1.861	0.0634748	Cholesterol Ester	CE Ester
CE(18:1)	TP24M:txCR	-0.0908	0.0486	373	-1.866	0.0627617	Cholesterol Ester	CE Ester
CE(18:2)	(Intercept)	1.0639	0.0328	373	32.435	1.31E-110	Cholesterol Ester	CE Ester
CE(18:2)	TP12M	-0.0334	0.0369	373	-0.903	0.3668832	Cholesterol Ester	CE Ester
CE(18:2)	TP24M	-0.0045	0.0366	373	-0.124	0.9015251	Cholesterol Ester	CE Ester
CE(18:2)	txCR	-0.0002	0.0413	189	-0.004	0.9964723	Cholesterol Ester	CE Ester
CE(18:2)	TP12M:txCR	-0.0997	0.0464	373	-2.147	0.0324428	Cholesterol Ester	CE Ester
CE(18:2)	TP24M:txCR	-0.0954	0.0462	373	-2.067	0.0394445	Cholesterol Ester	CE Ester
CE(20:1)	(Intercept)	1.1345	0.0441	373	25.727	1.14E-84	Cholesterol Ester	CE Ester
CE(20:1)	TP12M	-0.0896	0.0516	373	-1.736	0.0833213	Cholesterol Ester	CE Ester
CE(20:1)	TP24M	-0.0826	0.0511	373	-1.616	0.1069492	Cholesterol Ester	CE Ester
CE(20:1)	txCR	-0.0465	0.0555	189	-0.838	0.4029315	Cholesterol Ester	CE Ester

CE(20:1)	TP12M:txCR	-0.0001	0.0648	373	-0.002	0.9987932	Cholesterol Ester	CE Ester
CE(20:1)	TP24M:txCR	-0.0072	0.0645	373	-0.112	0.9109559	Cholesterol Ester	CE Ester
CE(20:2)	(Intercept)	1.0992	0.0442	373	24.890	2.82E-81	Cholesterol Ester	CE Ester
CE(20:2)	TP12M	-0.0677	0.0521	373	-1.300	0.1944052	Cholesterol Ester	CE Ester
CE(20:2)	TP24M	-0.0328	0.0516	373	-0.636	0.5251961	Cholesterol Ester	CE Ester
CE(20:2)	txCR	0.0258	0.0556	189	0.463	0.6436946	Cholesterol Ester	CE Ester
CE(20:2)	TP12M:txCR	-0.1197	0.0654	373	-1.830	0.0680655	Cholesterol Ester	CE Ester
CE(20:2)	TP24M:txCR	-0.1298	0.0651	373	-1.995	0.0467613	Cholesterol Ester	CE Ester
CE(20:3)	(Intercept)	1.1196	0.0523	373	21.394	7.79E-67	Cholesterol Ester	CE Ester
CE(20:3)	TP12M	-0.0672	0.0598	373	-1.124	0.261896	Cholesterol Ester	CE Ester
CE(20:3)	TP24M	-0.0264	0.0593	373	-0.446	0.6558137	Cholesterol Ester	CE Ester
CE(20:3)	txCR	0.0259	0.0659	189	0.393	0.6950427	Cholesterol Ester	CE Ester
CE(20:3)	TP12M:txCR	-0.1694	0.0751	373	-2.254	0.0247745	Cholesterol Ester	CE Ester
CE(20:3)	TP24M:txCR	-0.1788	0.0747	373	-2.393	0.0172064	Cholesterol Ester	CE Ester

CE(20:4)	(Intercept)	1.0605	0.0413	373	25.669	1.96E-84	Cholesterol Ester	CE Ester
CE(20:4)	TP12M	-0.0216	0.0400	373	-0.540	0.5898077	Cholesterol Ester	CE Ester
CE(20:4)	TP24M	0.0048	0.0396	373	0.122	0.903148	Cholesterol Ester	CE Ester
CE(20:4)	txCR	0.0057	0.0520	189	0.110	0.9121536	Cholesterol Ester	CE Ester
CE(20:4)	TP12M:txCR	-0.1209	0.0502	373	-2.407	0.016552	Cholesterol Ester	CE Ester
CE(20:4)	TP24M:txCR	-0.1329	0.0499	373	-2.661	0.0081297	Cholesterol Ester	CE Ester
CE(22:1)	(Intercept)	1.1846	0.0633	373	18.721	1.30E-55	Cholesterol Ester	CE Ester
CE(22:1)	TP12M	-0.1156	0.0804	373	-1.438	0.1513322	Cholesterol Ester	CE Ester
CE(22:1)	TP24M	-0.1113	0.0797	373	-1.396	0.1634454	Cholesterol Ester	CE Ester
CE(22:1)	txCR	-0.0936	0.0796	189	-1.176	0.241129	Cholesterol Ester	CE Ester
CE(22:1)	TP12M:txCR	0.0822	0.1011	373	0.813	0.4167499	Cholesterol Ester	CE Ester
CE(22:1)	TP24M:txCR	-0.0037	0.1005	373	-0.037	0.9706023	Cholesterol Ester	CE Ester
CE(22:4)	(Intercept)	1.0658	0.0391	373	27.240	1.02E-90	Cholesterol Ester	CE Ester
CE(22:4)	TP12M	-0.0319	0.0399	373	-0.799	0.4246045	Cholesterol Ester	CE Ester

CE(22:4)	TP24M	-0.0039	0.0396	373	-0.099	0.9210328	Cholesterol Ester	CE Ester
CE(22:4)	txCR	-0.0096	0.0493	189	-0.195	0.8459348	Cholesterol Ester	CE Ester
CE(22:4)	TP12M:txCR	-0.0852	0.0502	373	-1.699	0.0902163	Cholesterol Ester	CE Ester
CE(22:4)	TP24M:txCR	-0.1056	0.0499	373	-2.117	0.0349112	Cholesterol Ester	CE Ester
CE(22:5)	(Intercept)	1.0584	0.0390	373	27.118	3.10E-90	Cholesterol Ester	CE Ester
CE(22:5)	TP12M	-0.0094	0.0416	373	-0.225	0.8220242	Cholesterol Ester	CE Ester
CE(22:5)	TP24M	0.0221	0.0412	373	0.538	0.5911406	Cholesterol Ester	CE Ester
CE(22:5)	txCR	-0.0056	0.0491	189	-0.115	0.9089533	Cholesterol Ester	CE Ester
CE(22:5)	TP12M:txCR	-0.1031	0.0522	373	-1.973	0.0492214	Cholesterol Ester	CE Ester
CE(22:5)	TP24M:txCR	-0.1196	0.0519	373	-2.303	0.0218483	Cholesterol Ester	CE Ester
CE(22:6)	(Intercept)	1.0621	0.0532	373	19.977	6.83E-61	Cholesterol Ester	CE Ester
CE(22:6)	TP12M	0.0207	0.0466	373	0.444	0.6576471	Cholesterol Ester	CE Ester
CE(22:6)	TP24M	0.0377	0.0461	373	0.818	0.4136543	Cholesterol Ester	CE Ester
CE(22:6)	txCR	0.0254	0.0670	189	0.379	0.7053738	Cholesterol Ester	CE Ester

CE(22:6)	TP12M:txCR	-0.0737	0.0585	373	-1.260	0.2084423	Cholesterol Ester	CE Ester
CE(22:6)	TP24M:txCR	-0.0816	0.0581	373	-1.403	0.1614278	Cholesterol Ester	CE Ester
CE(24:0)	(Intercept)	1.2109	0.0576	373	21.033	2.53E-65	Cholesterol Ester	CE Ester
CE(24:0)	TP12M	-0.0849	0.0608	373	-1.397	0.1632158	Cholesterol Ester	CE Ester
CE(24:0)	TP24M	-0.0910	0.0602	373	-1.512	0.1313326	Cholesterol Ester	CE Ester
CE(24:0)	txCR	-0.1422	0.0725	189	-1.961	0.0513702	Cholesterol Ester	CE Ester
CE(24:0)	TP12M:txCR	0.0532	0.0764	373	0.697	0.4863917	Cholesterol Ester	CE Ester
CE(24:0)	TP24M:txCR	0.0146	0.0759	373	0.192	0.847753	Cholesterol Ester	CE Ester
CE(24:1)	(Intercept)	1.0872	0.0354	373	30.669	5.23E-104	Cholesterol Ester	CE Ester
CE(24:1)	TP12M	-0.0808	0.0410	373	-1.970	0.0495974	Cholesterol Ester	CE Ester
CE(24:1)	TP24M	-0.0485	0.0406	373	-1.193	0.2337315	Cholesterol Ester	CE Ester
CE(24:1)	txCR	-0.0562	0.0446	189	-1.260	0.2091148	Cholesterol Ester	CE Ester
CE(24:1)	TP12M:txCR	0.0175	0.0515	373	0.340	0.7339697	Cholesterol Ester	CE Ester
CE(24:1)	TP24M:txCR	-0.0060	0.0512	373	-0.116	0.9073742	Cholesterol Ester	CE Ester

CER(14:0)	(Intercept)	1.0978	0.0324	373	33.915	5.19E-116	Sphingolipids	Ceramide
CER(14:0)	TP12M	-0.0459	0.0390	373	-1.176	0.2403699	Sphingolipids	Ceramide
CER(14:0)	TP24M	-0.0383	0.0387	373	-0.989	0.3230805	Sphingolipids	Ceramide
CER(14:0)	txCR	-0.0201	0.0407	189	-0.492	0.623169	Sphingolipids	Ceramide
CER(14:0)	TP12M:txCR	-0.1042	0.0490	373	-2.124	0.0342918	Sphingolipids	Ceramide
CER(14:0)	TP24M:txCR	-0.0873	0.0488	373	-1.790	0.0743357	Sphingolipids	Ceramide
CER(16:0)	(Intercept)	1.0649	0.0376	373	28.324	5.53E-95	Sphingolipids	Ceramide
CER(16:0)	TP12M	-0.0297	0.0447	373	-0.666	0.5057665	Sphingolipids	Ceramide
CER(16:0)	TP24M	-0.0132	0.0443	373	-0.298	0.7657132	Sphingolipids	Ceramide
CER(16:0)	txCR	0.0051	0.0473	189	0.107	0.9147039	Sphingolipids	Ceramide
CER(16:0)	TP12M:txCR	-0.0977	0.0561	373	-1.742	0.082406	Sphingolipids	Ceramide
CER(16:0)	TP24M:txCR	-0.1067	0.0558	373	-1.912	0.0566547	Sphingolipids	Ceramide
CER(18:0)	(Intercept)	1.1656	0.0473	373	24.655	2.55E-80	Sphingolipids	Ceramide
CER(18:0)	TP12M	-0.0259	0.0520	373	-0.499	0.6179939	Sphingolipids	Ceramide

CER(18:0)	TP24M	-0.0498	0.0515	373	-0.967	0.33394	Sphingolipids	Ceramide
CER(18:0)	txCR	-0.0340	0.0595	189	-0.572	0.567983	Sphingolipids	Ceramide
CER(18:0)	TP12M:txCR	-0.2039	0.0653	373	-3.122	0.001935	Sphingolipids	Ceramide
CER(18:0)	TP24M:txCR	-0.1815	0.0649	373	-2.795	0.0054609	Sphingolipids	Ceramide
CER(18:1)	(Intercept)	1.1520	0.0565	373	20.406	1.07E-62	Sphingolipids	Ceramide
CER(18:1)	TP12M	-0.0859	0.0695	373	-1.236	0.217214	Sphingolipids	Ceramide
CER(18:1)	TP24M	-0.1146	0.0689	373	-1.664	0.0969687	Sphingolipids	Ceramide
CER(18:1)	txCR	0.0196	0.0711	189	0.275	0.7834525	Sphingolipids	Ceramide
CER(18:1)	TP12M:txCR	-0.1525	0.0873	373	-1.747	0.0815351	Sphingolipids	Ceramide
CER(18:1)	TP24M:txCR	-0.1683	0.0869	373	-1.938	0.0533785	Sphingolipids	Ceramide
CER(20:0)	(Intercept)	1.1200	0.0420	373	26.652	2.24E-88	Sphingolipids	Ceramide
CER(20:0)	TP12M	-0.0157	0.0467	373	-0.337	0.7362201	Sphingolipids	Ceramide
CER(20:0)	TP24M	-0.0409	0.0463	373	-0.883	0.3775522	Sphingolipids	Ceramide
CER(20:0)	txCR	-0.0406	0.0529	189	-0.767	0.444258	Sphingolipids	Ceramide

CER(20:0)	TP12M:txCR	-0.1637	0.0587	373	-2.789	0.0055623	Sphingolipids	Ceramide
CER(20:0)	TP24M:txCR	-0.1293	0.0584	373	-2.216	0.0273168	Sphingolipids	Ceramide
CER(20:1)	(Intercept)	1.0921	0.0379	373	28.811	7.01E-97	Sphingolipids	Ceramide
CER(20:1)	TP12M	-0.0510	0.0454	373	-1.124	0.2619374	Sphingolipids	Ceramide
CER(20:1)	TP24M	-0.0567	0.0450	373	-1.261	0.2082274	Sphingolipids	Ceramide
CER(20:1)	txCR	-0.0187	0.0477	189	-0.392	0.6955045	Sphingolipids	Ceramide
CER(20:1)	TP12M:txCR	-0.0923	0.0571	373	-1.618	0.1065117	Sphingolipids	Ceramide
CER(20:1)	TP24M:txCR	-0.1122	0.0568	373	-1.977	0.0487653	Sphingolipids	Ceramide
CER(22:0)	(Intercept)	1.1452	0.0502	373	22.832	8.04E-73	Sphingolipids	Ceramide
CER(22:0)	TP12M	-0.0375	0.0555	373	-0.675	0.4999619	Sphingolipids	Ceramide
CER(22:0)	TP24M	-0.0229	0.0550	373	-0.416	0.6775639	Sphingolipids	Ceramide
CER(22:0)	txCR	-0.0380	0.0632	189	-0.601	0.5485787	Sphingolipids	Ceramide
CER(22:0)	TP12M:txCR	-0.1889	0.0697	373	-2.708	0.0070721	Sphingolipids	Ceramide
CER(22:0)	TP24M:txCR	-0.1803	0.0693	373	-2.601	0.0096749	Sphingolipids	Ceramide

CER(22:1)	(Intercept)	1.1519	0.0366	373	31.460	5.49E-107	Sphingolipids	Ceramide
CER(22:1)	TP12M	-0.0572	0.0418	373	-1.369	0.1717822	Sphingolipids	Ceramide
CER(22:1)	TP24M	-0.0983	0.0414	373	-2.373	0.0181347	Sphingolipids	Ceramide
CER(22:1)	txCR	-0.0438	0.0461	189	-0.950	0.3434774	Sphingolipids	Ceramide
CER(22:1)	TP12M:txCR	-0.1443	0.0525	373	-2.747	0.0063097	Sphingolipids	Ceramide
CER(22:1)	TP24M:txCR	-0.1106	0.0522	373	-2.118	0.0348397	Sphingolipids	Ceramide
CER(24:0)	(Intercept)	1.1200	0.0485	373	23.088	6.96E-74	Sphingolipids	Ceramide
CER(24:0)	TP12M	-0.0409	0.0520	373	-0.786	0.4323091	Sphingolipids	Ceramide
CER(24:0)	TP24M	-0.0048	0.0515	373	-0.094	0.9254025	Sphingolipids	Ceramide
CER(24:0)	txCR	0.0035	0.0611	189	0.058	0.9537831	Sphingolipids	Ceramide
CER(24:0)	TP12M:txCR	-0.1519	0.0654	373	-2.324	0.0206489	Sphingolipids	Ceramide
CER(24:0)	TP24M:txCR	-0.1524	0.0650	373	-2.345	0.0195501	Sphingolipids	Ceramide
CER(24:1)	(Intercept)	1.0735	0.0407	373	26.377	2.79E-87	Sphingolipids	Ceramide
CER(24:1)	TP12M	-0.0005	0.0432	373	-0.012	0.9900918	Sphingolipids	Ceramide

CER(24:1)	TP24M	0.0095	0.0428	373	0.223	0.8235401	Sphingolipids	Ceramide
CER(24:1)	txCR	-0.0172	0.0512	189	-0.335	0.7377166	Sphingolipids	Ceramide
CER(24:1)	TP12M:txCR	-0.1275	0.0542	373	-2.352	0.01919	Sphingolipids	Ceramide
CER(24:1)	TP24M:txCR	-0.1225	0.0539	373	-2.273	0.0235824	Sphingolipids	Ceramide
CER(26:1)	(Intercept)	1.0840	0.0381	373	28.434	2.05E-95	Sphingolipids	Ceramide
CER(26:1)	TP12M	-0.0155	0.0388	373	-0.400	0.6890698	Sphingolipids	Ceramide
CER(26:1)	TP24M	0.0141	0.0384	373	0.368	0.7127777	Sphingolipids	Ceramide
CER(26:1)	txCR	-0.0538	0.0480	189	-1.121	0.2638181	Sphingolipids	Ceramide
CER(26:1)	TP12M:txCR	-0.0640	0.0487	373	-1.315	0.1894852	Sphingolipids	Ceramide
CER(26:1)	TP24M:txCR	-0.0724	0.0484	373	-1.495	0.1358032	Sphingolipids	Ceramide
DAG(12:0/18:1)	(Intercept)	1.3765	0.3102	373	4.438	1.20E-05	Diacylglycerol	DAG Ester
DAG(12:0/18:1)	TP12M	0.0276	0.4278	373	0.065	0.9485762	Diacylglycerol	DAG Ester
DAG(12:0/18:1)	TP24M	0.1301	0.4246	373	0.306	0.7594948	Diacylglycerol	DAG Ester
DAG(12:0/18:1)	txCR	0.5304	0.3903	189	1.359	0.1758419	Diacylglycerol	DAG Ester

DAG(12:0/18:1)	TP12M:txCR	-0.9609	0.5379	373	-1.786	0.0748387	Diacylglycerol	DAG Ester
DAG(12:0/18:1)	TP24M:txCR	-0.4456	0.5353	373	-0.832	0.4056987	Diacylglycerol	DAG Ester
DAG(14:1/16:0)	(Intercept)	1.2393	0.1051	373	11.788	1.77E-27	Diacylglycerol	DAG Ester
DAG(14:1/16:0)	TP12M	-0.0342	0.1331	373	-0.257	0.797536	Diacylglycerol	DAG Ester
DAG(14:1/16:0)	TP24M	-0.0715	0.1320	373	-0.542	0.588383	Diacylglycerol	DAG Ester
DAG(14:1/16:0)	txCR	0.1996	0.1323	189	1.509	0.133059	Diacylglycerol	DAG Ester
DAG(14:1/16:0)	TP12M:txCR	-0.3509	0.1673	373	-2.097	0.0366378	Diacylglycerol	DAG Ester
DAG(14:1/16:0)	TP24M:txCR	-0.1354	0.1664	373	-0.814	0.4162301	Diacylglycerol	DAG Ester
DAG(14:1/18:1)	(Intercept)	1.1078	0.0737	373	15.025	3.13E-40	Diacylglycerol	DAG Ester
DAG(14:1/18:1)	TP12M	0.0582	0.0712	373	0.817	0.4146746	Diacylglycerol	DAG Ester
DAG(14:1/18:1)	TP24M	-0.0018	0.0706	373	-0.026	0.9793812	Diacylglycerol	DAG Ester
DAG(14:1/18:1)	txCR	-0.0099	0.0929	189	-0.106	0.9155499	Diacylglycerol	DAG Ester
DAG(14:1/18:1)	TP12M:txCR	-0.1370	0.0895	373	-1.530	0.1267629	Diacylglycerol	DAG Ester
DAG(14:1/18:1)	TP24M:txCR	-0.1333	0.0890	373	-1.498	0.1349542	Diacylglycerol	DAG Ester

DCER(14:0)	(Intercept)	1.0520	0.0510	373	20.620	1.36E-63	Sphingolipids	Dihydroceramide
DCER(14:0)	TP12M	0.0112	0.0705	373	0.159	0.8739548	Sphingolipids	Dihydroceramide
DCER(14:0)	TP24M	0.0155	0.0700	373	0.221	0.8250836	Sphingolipids	Dihydroceramide
DCER(14:0)	txCR	0.0432	0.0642	189	0.673	0.5018003	Sphingolipids	Dihydroceramide
DCER(14:0)	TP12M:txCR	-0.2080	0.0887	373	-2.345	0.0195692	Sphingolipids	Dihydroceramide
DCER(14:0)	TP24M:txCR	-0.1017	0.0883	373	-1.151	0.2502832	Sphingolipids	Dihydroceramide
DCER(16:0)	(Intercept)	1.0466	0.0337	373	31.079	1.48E-105	Sphingolipids	Dihydroceramide
DCER(16:0)	TP12M	-0.0065	0.0427	373	-0.152	0.8789347	Sphingolipids	Dihydroceramide
DCER(16:0)	TP24M	0.0111	0.0424	373	0.262	0.7936204	Sphingolipids	Dihydroceramide
DCER(16:0)	txCR	0.0002	0.0424	189	0.006	0.9954489	Sphingolipids	Dihydroceramide
DCER(16:0)	TP12M:txCR	-0.0762	0.0537	373	-1.418	0.1569776	Sphingolipids	Dihydroceramide
DCER(16:0)	TP24M:txCR	-0.0967	0.0534	373	-1.809	0.0712187	Sphingolipids	Dihydroceramide
DCER(18:0)	(Intercept)	1.0621	0.0379	373	28.036	7.39E-94	Sphingolipids	Dihydroceramide
DCER(18:0)	TP12M	-0.0015	0.0454	373	-0.032	0.9742002	Sphingolipids	Dihydroceramide

DCER(18:0)	TP24M	-0.0177	0.0450	373	-0.394	0.6938586	Sphingolipids	Dihydroceramide
DCER(18:0)	txCR	0.0006	0.0477	189	0.013	0.9895017	Sphingolipids	Dihydroceramide
DCER(18:0)	TP12M:txCR	-0.1095	0.0571	373	-1.917	0.0560026	Sphingolipids	Dihydroceramide
DCER(18:0)	TP24M:txCR	-0.1024	0.0568	373	-1.803	0.0722523	Sphingolipids	Dihydroceramide
DCER(18:1)	(Intercept)	1.0463	0.0488	373	21.425	5.75E-67	Sphingolipids	Dihydroceramide
DCER(18:1)	TP12M	0.0191	0.0637	373	0.299	0.764927	Sphingolipids	Dihydroceramide
DCER(18:1)	TP24M	0.0250	0.0632	373	0.396	0.6922312	Sphingolipids	Dihydroceramide
DCER(18:1)	txCR	0.0470	0.0615	189	0.765	0.4453228	Sphingolipids	Dihydroceramide
DCER(18:1)	TP12M:txCR	-0.1245	0.0801	373	-1.554	0.1211125	Sphingolipids	Dihydroceramide
DCER(18:1)	TP24M:txCR	-0.1596	0.0797	373	-2.003	0.0459479	Sphingolipids	Dihydroceramide
DCER(20:0)	(Intercept)	1.0817	0.0308	373	35.118	2.58E-120	Sphingolipids	Dihydroceramide
DCER(20:0)	TP12M	-0.0153	0.0402	373	-0.381	0.7033674	Sphingolipids	Dihydroceramide
DCER(20:0)	TP24M	-0.0132	0.0399	373	-0.331	0.7409977	Sphingolipids	Dihydroceramide
DCER(20:0)	txCR	-0.0407	0.0388	189	-1.049	0.2956165	Sphingolipids	Dihydroceramide

DCER(20:0)	TP12M:txCR	-0.0812	0.0505	373	-1.607	0.1088397	Sphingolipids	Dihydroceramide
DCER(20:0)	TP24M:txCR	-0.0552	0.0503	373	-1.099	0.2725869	Sphingolipids	Dihydroceramide
DCER(20:1)	(Intercept)	1.0624	0.0449	373	23.659	3.08E-76	Sphingolipids	Dihydroceramide
DCER(20:1)	TP12M	-0.0055	0.0580	373	-0.094	0.9250384	Sphingolipids	Dihydroceramide
DCER(20:1)	TP24M	0.0116	0.0575	373	0.202	0.8398571	Sphingolipids	Dihydroceramide
DCER(20:1)	txCR	0.0149	0.0565	189	0.264	0.7917051	Sphingolipids	Dihydroceramide
DCER(20:1)	TP12M:txCR	-0.1123	0.0729	373	-1.540	0.12445	Sphingolipids	Dihydroceramide
DCER(20:1)	TP24M:txCR	-0.1434	0.0726	373	-1.977	0.0488182	Sphingolipids	Dihydroceramide
DCER(22:0)	(Intercept)	1.1390	0.0399	373	28.550	7.26E-96	Sphingolipids	Dihydroceramide
DCER(22:0)	TP12M	-0.0426	0.0452	373	-0.942	0.3469563	Sphingolipids	Dihydroceramide
DCER(22:0)	TP24M	-0.0308	0.0448	373	-0.688	0.4916859	Sphingolipids	Dihydroceramide
DCER(22:0)	txCR	-0.0595	0.0502	189	-1.184	0.2378896	Sphingolipids	Dihydroceramide
DCER(22:0)	TP12M:txCR	-0.1413	0.0568	373	-2.487	0.0133026	Sphingolipids	Dihydroceramide
DCER(22:0)	TP24M:txCR	-0.1240	0.0565	373	-2.195	0.0287737	Sphingolipids	Dihydroceramide

DCER(22:1)	(Intercept)	1.0317	0.0261	373	39.581	1.33E-135	Sphingolipids	Dihydroceramide
DCER(22:1)	TP12M	0.0056	0.0350	373	0.161	0.8725717	Sphingolipids	Dihydroceramide
DCER(22:1)	TP24M	-0.0039	0.0348	373	-0.113	0.9103488	Sphingolipids	Dihydroceramide
DCER(22:1)	txCR	0.0243	0.0328	189	0.740	0.460198	Sphingolipids	Dihydroceramide
DCER(22:1)	TP12M:txCR	-0.0845	0.0441	373	-1.918	0.0558385	Sphingolipids	Dihydroceramide
DCER(22:1)	TP24M:txCR	-0.0886	0.0438	373	-2.021	0.0439746	Sphingolipids	Dihydroceramide
DCER(22:2)	(Intercept)	1.1390	0.0511	373	22.271	1.72E-70	Sphingolipids	Dihydroceramide
DCER(22:2)	TP12M	-0.0212	0.0509	373	-0.417	0.6769436	Sphingolipids	Dihydroceramide
DCER(22:2)	TP24M	-0.0011	0.0505	373	-0.022	0.9827748	Sphingolipids	Dihydroceramide
DCER(22:2)	txCR	0.0025	0.0644	189	0.038	0.9694392	Sphingolipids	Dihydroceramide
DCER(22:2)	TP12M:txCR	-0.1256	0.0640	373	-1.963	0.050421	Sphingolipids	Dihydroceramide
DCER(22:2)	TP24M:txCR	-0.1352	0.0636	373	-2.126	0.0341843	Sphingolipids	Dihydroceramide
DCER(24:0)	(Intercept)	1.1265	0.0487	373	23.121	5.08E-74	Sphingolipids	Dihydroceramide
DCER(24:0)	TP12M	-0.0392	0.0544	373	-0.720	0.4717931	Sphingolipids	Dihydroceramide

DCER(24:0)	TP24M	-0.0038	0.0539	373	-0.071	0.9432798	Sphingolipids	Dihydroceramide
DCER(24:0)	txCR	-0.0121	0.0613	189	-0.198	0.8434878	Sphingolipids	Dihydroceramide
DCER(24:0)	TP12M:txCR	-0.1605	0.0683	373	-2.349	0.0193606	Sphingolipids	Dihydroceramide
DCER(24:0)	TP24M:txCR	-0.1591	0.0680	373	-2.342	0.0197115	Sphingolipids	Dihydroceramide
DCER(24:1)	(Intercept)	1.0626	0.0294	373	36.176	4.90E-124	Sphingolipids	Dihydroceramide
DCER(24:1)	TP12M	-0.0089	0.0370	373	-0.240	0.8107654	Sphingolipids	Dihydroceramide
DCER(24:1)	TP24M	-0.0108	0.0366	373	-0.293	0.769381	Sphingolipids	Dihydroceramide
DCER(24:1)	txCR	-0.0113	0.0370	189	-0.306	0.7602377	Sphingolipids	Dihydroceramide
DCER(24:1)	TP12M:txCR	-0.0746	0.0464	373	-1.605	0.1092733	Sphingolipids	Dihydroceramide
DCER(24:1)	TP24M:txCR	-0.0690	0.0462	373	-1.495	0.1358552	Sphingolipids	Dihydroceramide
DCER(26:1)	(Intercept)	1.0343	0.0291	373	35.519	9.88E-122	Sphingolipids	Dihydroceramide
DCER(26:1)	TP12M	0.0021	0.0375	373	0.056	0.955288	Sphingolipids	Dihydroceramide
DCER(26:1)	TP24M	0.0132	0.0372	373	0.354	0.7234068	Sphingolipids	Dihydroceramide
DCER(26:1)	txCR	-0.0152	0.0366	189	-0.414	0.6791133	Sphingolipids	Dihydroceramide

DCER(26:1)	TP12M:txCR	-0.0286	0.0472	373	-0.607	0.5441398	Sphingolipids	Dihydroceramide
DCER(26:1)	TP24M:txCR	-0.0467	0.0469	373	-0.994	0.3206748	Sphingolipids	Dihydroceramide
HCER(14:0)	(Intercept)	1.0383	0.0312	373	33.290	9.56E-114	Sphingolipids	Hexosylceramide
HCER(14:0)	TP12M	0.0033	0.0375	373	0.088	0.929974	Sphingolipids	Hexosylceramide
HCER(14:0)	TP24M	0.0247	0.0371	373	0.666	0.5058873	Sphingolipids	Hexosylceramide
HCER(14:0)	txCR	0.0001	0.0393	189	0.002	0.9983007	Sphingolipids	Hexosylceramide
HCER(14:0)	TP12M:txCR	-0.0819	0.0471	373	-1.739	0.082838	Sphingolipids	Hexosylceramide
HCER(14:0)	TP24M:txCR	-0.0882	0.0468	373	-1.884	0.0603432	Sphingolipids	Hexosylceramide
HCER(16:0)	(Intercept)	1.0637	0.0374	373	28.437	2.01E-95	Sphingolipids	Hexosylceramide
HCER(16:0)	TP12M	-0.0028	0.0401	373	-0.070	0.9441443	Sphingolipids	Hexosylceramide
HCER(16:0)	TP24M	0.0172	0.0397	373	0.432	0.6657739	Sphingolipids	Hexosylceramide
HCER(16:0)	txCR	-0.0246	0.0471	189	-0.523	0.6014841	Sphingolipids	Hexosylceramide
HCER(16:0)	TP12M:txCR	-0.0784	0.0503	373	-1.559	0.1199156	Sphingolipids	Hexosylceramide
HCER(16:0)	TP24M:txCR	-0.0854	0.0500	373	-1.707	0.0886214	Sphingolipids	Hexosylceramide

HCER(18:0)	(Intercept)	1.0360	0.0353	373	29.319	7.55E-99	Sphingolipids	Hexosylceramide
HCER(18:0)	TP12M	-0.0287	0.0383	373	-0.749	0.4543156	Sphingolipids	Hexosylceramide
HCER(18:0)	TP24M	-0.0211	0.0380	373	-0.556	0.5787541	Sphingolipids	Hexosylceramide
HCER(18:0)	txCR	-0.0108	0.0445	189	-0.243	0.8078988	Sphingolipids	Hexosylceramide
HCER(18:0)	TP12M:txCR	-0.0211	0.0481	373	-0.438	0.661379	Sphingolipids	Hexosylceramide
HCER(18:0)	TP24M:txCR	-0.0247	0.0479	373	-0.515	0.6066572	Sphingolipids	Hexosylceramide
HCER(18:1)	(Intercept)	1.1209	0.0374	373	29.997	1.88E-101	Sphingolipids	Hexosylceramide
HCER(18:1)	TP12M	-0.0383	0.0441	373	-0.869	0.385133	Sphingolipids	Hexosylceramide
HCER(18:1)	TP24M	-0.0764	0.0437	373	-1.747	0.0814448	Sphingolipids	Hexosylceramide
HCER(18:1)	txCR	-0.0471	0.0470	189	-1.002	0.3175169	Sphingolipids	Hexosylceramide
HCER(18:1)	TP12M:txCR	-0.0988	0.0554	373	-1.783	0.0754196	Sphingolipids	Hexosylceramide
HCER(18:1)	TP24M:txCR	-0.0521	0.0551	373	-0.946	0.3446779	Sphingolipids	Hexosylceramide
HCER(20:0)	(Intercept)	1.0569	0.0416	373	25.383	2.81E-83	Sphingolipids	Hexosylceramide
HCER(20:0)	TP12M	-0.0109	0.0457	373	-0.239	0.8112371	Sphingolipids	Hexosylceramide

HCER(20:0)	TP24M	-0.0199	0.0452	373	-0.439	0.6606432	Sphingolipids	Hexosylceramide
HCER(20:0)	txCR	-0.0277	0.0524	189	-0.529	0.5972252	Sphingolipids	Hexosylceramide
HCER(20:0)	TP12M:txCR	-0.0452	0.0574	373	-0.788	0.431178	Sphingolipids	Hexosylceramide
HCER(20:0)	TP24M:txCR	-0.0071	0.0570	373	-0.125	0.9005868	Sphingolipids	Hexosylceramide
HCER(20:1)	(Intercept)	1.0689	0.0377	373	28.365	3.82E-95	Sphingolipids	Hexosylceramide
HCER(20:1)	TP12M	-0.0336	0.0436	373	-0.772	0.4407983	Sphingolipids	Hexosylceramide
HCER(20:1)	TP24M	-0.0512	0.0432	373	-1.186	0.2364226	Sphingolipids	Hexosylceramide
HCER(20:1)	txCR	-0.0101	0.0474	189	-0.214	0.8308498	Sphingolipids	Hexosylceramide
HCER(20:1)	TP12M:txCR	-0.0884	0.0548	373	-1.614	0.1074786	Sphingolipids	Hexosylceramide
HCER(20:1)	TP24M:txCR	-0.0490	0.0544	373	-0.900	0.3685524	Sphingolipids	Hexosylceramide
HCER(22:0)	(Intercept)	1.0704	0.0432	373	24.766	8.98E-81	Sphingolipids	Hexosylceramide
HCER(22:0)	TP12M	-0.0287	0.0444	373	-0.646	0.5185888	Sphingolipids	Hexosylceramide
HCER(22:0)	TP24M	-0.0015	0.0440	373	-0.034	0.9731809	Sphingolipids	Hexosylceramide
HCER(22:0)	txCR	-0.0256	0.0544	189	-0.471	0.6383571	Sphingolipids	Hexosylceramide

HCER(22:0)	TP12M:txCR	-0.0531	0.0558	373	-0.952	0.3417348	Sphingolipids	Hexosylceramide
HCER(22:0)	TP24M:txCR	-0.0619	0.0555	373	-1.116	0.2650298	Sphingolipids	Hexosylceramide
HCER(22:1)	(Intercept)	1.1089	0.0377	373	29.449	2.38E-99	Sphingolipids	Hexosylceramide
HCER(22:1)	TP12M	-0.0322	0.0410	373	-0.785	0.4330278	Sphingolipids	Hexosylceramide
HCER(22:1)	TP24M	-0.0522	0.0406	373	-1.287	0.199054	Sphingolipids	Hexosylceramide
HCER(22:1)	txCR	-0.0583	0.0474	189	-1.230	0.2200545	Sphingolipids	Hexosylceramide
HCER(22:1)	TP12M:txCR	-0.0759	0.0515	373	-1.474	0.141251	Sphingolipids	Hexosylceramide
HCER(22:1)	TP24M:txCR	-0.0717	0.0512	373	-1.401	0.1620747	Sphingolipids	Hexosylceramide
HCER(24:0)	(Intercept)	1.0379	0.0397	373	26.159	2.09E-86	Sphingolipids	Hexosylceramide
HCER(24:0)	TP12M	-0.0172	0.0390	373	-0.440	0.6599636	Sphingolipids	Hexosylceramide
HCER(24:0)	TP24M	0.0138	0.0386	373	0.357	0.7216295	Sphingolipids	Hexosylceramide
HCER(24:0)	txCR	-0.0088	0.0500	189	-0.176	0.8603774	Sphingolipids	Hexosylceramide
HCER(24:0)	TP12M:txCR	-0.0350	0.0490	373	-0.714	0.4753914	Sphingolipids	Hexosylceramide
HCER(24:0)	TP24M:txCR	-0.0398	0.0487	373	-0.818	0.4141492	Sphingolipids	Hexosylceramide

HCER(24:1)	(Intercept)	1.0066	0.0382	373	26.377	2.81E-87	Sphingolipids	Hexosylceramide
HCER(24:1)	TP12M	-0.0013	0.0344	373	-0.037	0.9706456	Sphingolipids	Hexosylceramide
HCER(24:1)	TP24M	0.0221	0.0340	373	0.649	0.516501	Sphingolipids	Hexosylceramide
HCER(24:1)	txCR	-0.0181	0.0481	189	-0.376	0.7074287	Sphingolipids	Hexosylceramide
HCER(24:1)	TP12M:txCR	0.0170	0.0432	373	0.394	0.693723	Sphingolipids	Hexosylceramide
HCER(24:1)	TP24M:txCR	-0.0122	0.0429	373	-0.285	0.775627	Sphingolipids	Hexosylceramide
HCER(26:0)	(Intercept)	1.0269	0.0396	373	25.909	2.11E-85	Sphingolipids	Hexosylceramide
HCER(26:0)	TP12M	0.0083	0.0476	373	0.175	0.8614206	Sphingolipids	Hexosylceramide
HCER(26:0)	TP24M	0.0316	0.0472	373	0.670	0.503274	Sphingolipids	Hexosylceramide
HCER(26:0)	txCR	-0.0054	0.0499	189	-0.108	0.9140791	Sphingolipids	Hexosylceramide
HCER(26:0)	TP12M:txCR	-0.0626	0.0599	373	-1.046	0.2964184	Sphingolipids	Hexosylceramide
HCER(26:0)	TP24M:txCR	-0.0527	0.0595	373	-0.885	0.3764856	Sphingolipids	Hexosylceramide
LCER(14:0)	(Intercept)	1.0143	0.0364	373	27.903	2.48E-93	Sphingolipids	Lactosylceramide
LCER(14:0)	TP12M	-0.0146	0.0344	373	-0.423	0.6726686	Sphingolipids	Lactosylceramide

LCER(14:0)	TP24M	-0.0029	0.0341	373	-0.084	0.9328305	Sphingolipids	Lactosylceramide
LCER(14:0)	txCR	0.0059	0.0458	189	0.130	0.896787	Sphingolipids	Lactosylceramide
LCER(14:0)	TP12M:txCR	0.0002	0.0433	373	0.005	0.9960451	Sphingolipids	Lactosylceramide
LCER(14:0)	TP24M:txCR	0.0005	0.0430	373	0.011	0.9915482	Sphingolipids	Lactosylceramide
LCER(16:0)	(Intercept)	0.9732	0.0291	373	33.443	2.65E-114	Sphingolipids	Lactosylceramide
LCER(16:0)	TP12M	0.0145	0.0275	373	0.528	0.5978359	Sphingolipids	Lactosylceramide
LCER(16:0)	TP24M	0.0201	0.0272	373	0.739	0.4602065	Sphingolipids	Lactosylceramide
LCER(16:0)	txCR	0.0244	0.0367	189	0.665	0.5071595	Sphingolipids	Lactosylceramide
LCER(16:0)	TP12M:txCR	0.0163	0.0345	373	0.472	0.6370411	Sphingolipids	Lactosylceramide
LCER(16:0)	TP24M:txCR	0.0001	0.0343	373	0.004	0.9970903	Sphingolipids	Lactosylceramide
LCER(18:1)	(Intercept)	1.0094	0.0257	373	39.221	2.08E-134	Sphingolipids	Lactosylceramide
LCER(18:1)	TP12M	-0.0011	0.0272	373	-0.042	0.9665215	Sphingolipids	Lactosylceramide
LCER(18:1)	TP24M	-0.0017	0.0269	373	-0.064	0.9487669	Sphingolipids	Lactosylceramide
LCER(18:1)	txCR	0.0160	0.0324	189	0.495	0.6210674	Sphingolipids	Lactosylceramide

LCER(18:1)	TP12M:txCR	-0.0203	0.0341	373	-0.595	0.5518879	Sphingolipids	Lactosylceramide
LCER(18:1)	TP24M:txCR	-0.0227	0.0339	373	-0.670	0.5033317	Sphingolipids	Lactosylceramide
LCER(20:0)	(Intercept)	1.0217	0.0283	373	36.164	5.40E-124	Sphingolipids	Lactosylceramide
LCER(20:0)	TP12M	-0.0022	0.0292	373	-0.076	0.9393413	Sphingolipids	Lactosylceramide
LCER(20:0)	TP24M	-0.0070	0.0289	373	-0.242	0.8086199	Sphingolipids	Lactosylceramide
LCER(20:0)	txCR	-0.0258	0.0356	189	-0.726	0.4690365	Sphingolipids	Lactosylceramide
LCER(20:0)	TP12M:txCR	-0.0442	0.0366	373	-1.206	0.2287325	Sphingolipids	Lactosylceramide
LCER(20:0)	TP24M:txCR	-0.0361	0.0364	373	-0.991	0.3221606	Sphingolipids	Lactosylceramide
LCER(20:1)	(Intercept)	1.0167	0.0317	373	32.122	1.88E-109	Sphingolipids	Lactosylceramide
LCER(20:1)	TP12M	0.0113	0.0332	373	0.341	0.7332892	Sphingolipids	Lactosylceramide
LCER(20:1)	TP24M	0.0044	0.0329	373	0.133	0.8940055	Sphingolipids	Lactosylceramide
LCER(20:1)	txCR	0.0052	0.0399	189	0.130	0.8966692	Sphingolipids	Lactosylceramide
LCER(20:1)	TP12M:txCR	-0.0360	0.0418	373	-0.861	0.3897456	Sphingolipids	Lactosylceramide
LCER(20:1)	TP24M:txCR	-0.0319	0.0415	373	-0.769	0.4423514	Sphingolipids	Lactosylceramide

LCER(22:0)	(Intercept)	1.0231	0.0315	373	32.471	9.63E-111	Sphingolipids	Lactosylceramide
LCER(22:0)	TP12M	-0.0144	0.0312	373	-0.462	0.6440748	Sphingolipids	Lactosylceramide
LCER(22:0)	TP24M	-0.0254	0.0309	373	-0.821	0.4118966	Sphingolipids	Lactosylceramide
LCER(22:0)	txCR	-0.0304	0.0397	189	-0.766	0.4449224	Sphingolipids	Lactosylceramide
LCER(22:0)	TP12M:txCR	-0.0026	0.0392	373	-0.066	0.9476461	Sphingolipids	Lactosylceramide
LCER(22:0)	TP24M:txCR	0.0102	0.0389	373	0.263	0.7928162	Sphingolipids	Lactosylceramide
LCER(22:1)	(Intercept)	0.9982	0.0309	373	32.317	3.56E-110	Sphingolipids	Lactosylceramide
LCER(22:1)	TP12M	-0.0110	0.0306	373	-0.358	0.7208342	Sphingolipids	Lactosylceramide
LCER(22:1)	TP24M	-0.0242	0.0304	373	-0.796	0.4263888	Sphingolipids	Lactosylceramide
LCER(22:1)	txCR	-0.0086	0.0389	189	-0.221	0.8250649	Sphingolipids	Lactosylceramide
LCER(22:1)	TP12M:txCR	0.0137	0.0385	373	0.356	0.7223735	Sphingolipids	Lactosylceramide
LCER(22:1)	TP24M:txCR	0.0131	0.0383	373	0.343	0.7316247	Sphingolipids	Lactosylceramide
LCER(24:0)	(Intercept)	0.9724	0.0334	373	29.118	4.53E-98	Sphingolipids	Lactosylceramide
LCER(24:0)	TP12M	0.0099	0.0290	373	0.342	0.7328156	Sphingolipids	Lactosylceramide

LCER(24:0)	TP24M	0.0098	0.0287	373	0.341	0.7334731	Sphingolipids	Lactosylceramide
LCER(24:0)	txCR	0.0080	0.0421	189	0.191	0.8485391	Sphingolipids	Lactosylceramide
LCER(24:0)	TP12M:txCR	0.0279	0.0365	373	0.765	0.4449577	Sphingolipids	Lactosylceramide
LCER(24:0)	TP24M:txCR	0.0392	0.0362	373	1.081	0.2803422	Sphingolipids	Lactosylceramide
LCER(24:1)	(Intercept)	0.9403	0.0371	373	25.343	4.10E-83	Sphingolipids	Lactosylceramide
LCER(24:1)	TP12M	0.0273	0.0282	373	0.969	0.3333041	Sphingolipids	Lactosylceramide
LCER(24:1)	TP24M	0.0422	0.0279	373	1.512	0.1313445	Sphingolipids	Lactosylceramide
LCER(24:1)	txCR	0.0389	0.0468	189	0.832	0.4066676	Sphingolipids	Lactosylceramide
LCER(24:1)	TP12M:txCR	0.0588	0.0354	373	1.661	0.0975272	Sphingolipids	Lactosylceramide
LCER(24:1)	TP24M:txCR	0.0584	0.0352	373	1.660	0.097744	Sphingolipids	Lactosylceramide
LCER(26:0)	(Intercept)	0.9487	0.0329	373	28.853	4.83E-97	Sphingolipids	Lactosylceramide
LCER(26:0)	TP12M	0.0430	0.0421	373	1.020	0.3082151	Sphingolipids	Lactosylceramide
LCER(26:0)	TP24M	0.0636	0.0418	373	1.522	0.1288707	Sphingolipids	Lactosylceramide
LCER(26:0)	txCR	0.0170	0.0414	189	0.411	0.6817501	Sphingolipids	Lactosylceramide

LCER(26:0)	TP12M:txCR	-0.0301	0.0529	373	-0.569	0.5698172	Sphingolipids	Lactosylceramide
LCER(26:0)	TP24M:txCR	-0.0532	0.0526	373	-1.011	0.3125355	Sphingolipids	Lactosylceramide
LCER(26:1)	(Intercept)	0.9868	0.0317	373	31.139	8.84E-106	Sphingolipids	Lactosylceramide
LCER(26:1)	TP12M	0.0171	0.0371	373	0.461	0.6452291	Sphingolipids	Lactosylceramide
LCER(26:1)	TP24M	-0.0033	0.0368	373	-0.090	0.9286878	Sphingolipids	Lactosylceramide
LCER(26:1)	txCR	-0.0082	0.0399	189	-0.206	0.836726	Sphingolipids	Lactosylceramide
LCER(26:1)	TP12M:txCR	-0.0295	0.0466	373	-0.632	0.5274523	Sphingolipids	Lactosylceramide
LCER(26:1)	TP24M:txCR	0.0217	0.0464	373	0.467	0.6406788	Sphingolipids	Lactosylceramide
LPC(15:0)	(Intercept)	1.0910	0.0616	373	17.703	2.44E-51	Lysophosphatidylcholine	LPC Ester
LPC(15:0)	TP12M	-0.1019	0.0757	373	-1.347	0.1787975	Lysophosphatidylcholine	LPC Ester
LPC(15:0)	TP24M	-0.1312	0.0750	373	-1.749	0.0811089	Lysophosphatidylcholine	LPC Ester
LPC(15:0)	txCR	0.0579	0.0776	189	0.747	0.4561185	Lysophosphatidylcholine	LPC Ester

LPC(15:0)	TP12M:txCR	-0.1001	0.0951	373	-1.053	0.2932004	Lysophosphatidylcholine	LPC Ester
LPC(15:0)	TP24M:txCR	-0.0391	0.0946	373	-0.413	0.6794889	Lysophosphatidylcholine	LPC Ester
LPC(17:0)	(Intercept)	1.0390	0.0498	373	20.884	1.06E-64	Lysophosphatidylcholine	LPC Ester
LPC(17:0)	TP12M	-0.0706	0.0543	373	-1.299	0.1946262	Lysophosphatidylcholine	LPC Ester
LPC(17:0)	TP24M	-0.0375	0.0538	373	-0.697	0.4860552	Lysophosphatidylcholine	LPC Ester
LPC(17:0)	txCR	0.0655	0.0626	189	1.045	0.297252	Lysophosphatidylcholine	LPC Ester
LPC(17:0)	TP12M:txCR	-0.0591	0.0683	373	-0.865	0.3875633	Lysophosphatidylcholine	LPC Ester
LPC(17:0)	TP24M:txCR	-0.0600	0.0679	373	-0.883	0.3777386	Lysophosphatidylcholine	LPC Ester
LPC(18:2)	(Intercept)	0.9651	0.0511	373	18.895	2.42E-56	Lysophosphatidylcholine	LPC Ester

LPC(18:2)	TP12M	-0.0097	0.0490	373	-0.199	0.8425145	Lysophosphatidylcholine	LPC Ester
LPC(18:2)	TP24M	0.0115	0.0485	373	0.238	0.8122411	Lysophosphatidylcholine	LPC Ester
LPC(18:2)	txCR	0.0674	0.0643	189	1.048	0.2958993	Lysophosphatidylcholine	LPC Ester
LPC(18:2)	TP12M:txCR	-0.0211	0.0616	373	-0.343	0.7315984	Lysophosphatidylcholine	LPC Ester
LPC(18:2)	TP24M:txCR	0.0028	0.0612	373	0.046	0.9636386	Lysophosphatidylcholine	LPC Ester
LPC(22:6)	(Intercept)	0.9858	0.0588	373	16.779	1.78E-47	Lysophosphatidylcholine	LPC Ester
LPC(22:6)	TP12M	-0.0112	0.0638	373	-0.175	0.8612823	Lysophosphatidylcholine	LPC Ester
LPC(22:6)	TP24M	-0.0060	0.0632	373	-0.094	0.9249858	Lysophosphatidylcholine	LPC Ester
LPC(22:6)	txCR	0.0494	0.0740	189	0.667	0.5054917	Lysophosphatidylcholine	LPC Ester

LPC(22:6)	TP12M:txCR	0.0052	0.0802	373	0.065	0.9482571	Lysophosphatidylcholine	LPC Ester
LPC(22:6)	TP24M:txCR	0.0001	0.0797	373	0.001	0.9994564	Lysophosphatidylcholine	LPC Ester
LPE(20:4)	(Intercept)	1.0396	0.0469	373	22.164	4.76E-70	Lysophosphatidylethanolamine	LPE Ester
LPE(20:4)	TP12M	-0.0235	0.0507	373	-0.464	0.6431729	Lysophosphatidylethanolamine	LPE Ester
LPE(20:4)	TP24M	-0.0480	0.0502	373	-0.956	0.3396727	Lysophosphatidylethanolamine	LPE Ester
LPE(20:4)	txCR	0.0684	0.0591	189	1.158	0.2482174	Lysophosphatidylethanolamine	LPE Ester
LPE(20:4)	TP12M:txCR	-0.0990	0.0636	373	-1.556	0.1205505	Lysophosphatidylethanolamine	LPE Ester
LPE(20:4)	TP24M:txCR	-0.0531	0.0633	373	-0.839	0.4020462	Lysophosphatidylethanolamine	LPE Ester
MAG(12:0)	(Intercept)	1.0929	0.0408	373	26.781	6.79E-89	MAG	Ester
MAG(12:0)	TP12M	0.0017	0.0398	373	0.042	0.9666215	MAG	Ester
MAG(12:0)	TP24M	-0.0187	0.0394	373	-0.474	0.6357441	MAG	Ester
MAG(12:0)	txCR	-0.0494	0.0514	189	-0.962	0.3374296	MAG	Ester

MAG(12:0)	TP12M:txCR	-0.0468	0.0500	373	-0.936	0.3497952	MAG	Ester
MAG(12:0)	TP24M:txCR	-0.0300	0.0497	373	-0.604	0.5459527	MAG	Ester
MAG(14:1)	(Intercept)	1.0270	0.0653	373	15.719	4.43E-43	MAG	Ester
MAG(14:1)	TP12M	0.0381	0.0848	373	0.449	0.6535465	MAG	Ester
MAG(14:1)	TP24M	0.0086	0.0841	373	0.102	0.9187057	MAG	Ester
MAG(14:1)	txCR	0.1050	0.0822	189	1.277	0.203013	MAG	Ester
MAG(14:1)	TP12M:txCR	-0.1415	0.1066	373	-1.327	0.1851573	MAG	Ester
MAG(14:1)	TP24M:txCR	-0.1282	0.1061	373	-1.208	0.2277096	MAG	Ester
MAG(15:0)	(Intercept)	1.3139	0.1175	373	11.184	3.08E-25	MAG	Ester
MAG(15:0)	TP12M	-0.1104	0.0592	373	-1.865	0.0629235	MAG	Ester
MAG(15:0)	TP24M	-0.1181	0.0586	373	-2.016	0.0445523	MAG	Ester
MAG(15:0)	txCR	0.1578	0.1481	189	1.065	0.2882716	MAG	Ester
MAG(15:0)	TP12M:txCR	0.0666	0.0743	373	0.896	0.3708882	MAG	Ester
MAG(15:0)	TP24M:txCR	0.0478	0.0738	373	0.647	0.5177741	MAG	Ester
MAG(18:2)	(Intercept)	1.0877	0.0644	373	16.886	6.37E-48	MAG	Ester
MAG(18:2)	TP12M	-0.0397	0.0813	373	-0.488	0.6255612	MAG	Ester
MAG(18:2)	TP24M	0.0382	0.0806	373	0.474	0.6356837	MAG	Ester
MAG(18:2)	txCR	0.1044	0.0811	189	1.288	0.199198	MAG	Ester
MAG(18:2)	TP12M:txCR	-0.1340	0.1022	373	-1.311	0.1907302	MAG	Ester
MAG(18:2)	TP24M:txCR	-0.1726	0.1017	373	-1.697	0.0904803	MAG	Ester
MAG(18:3)	(Intercept)	1.0756	0.0358	373	30.025	1.47E-101	MAG	Ester

MAG(18:3)	TP12M	-0.0312	0.0416	373	-0.751	0.4530275	MAG	Ester
MAG(18:3)	TP24M	-0.0174	0.0412	373	-0.422	0.6732095	MAG	Ester
MAG(18:3)	txCR	-0.0240	0.0451	189	-0.532	0.5953659	MAG	Ester
MAG(18:3)	TP12M:txCR	-0.0708	0.0523	373	-1.355	0.176291	MAG	Ester
MAG(18:3)	TP24M:txCR	-0.0632	0.0520	373	-1.216	0.2246033	MAG	Ester
MAG(20:1)	(Intercept)	1.0890	0.0341	373	31.983	6.17E-109	MAG	Ester
MAG(20:1)	TP12M	-0.0483	0.0379	373	-1.273	0.203747	MAG	Ester
MAG(20:1)	TP24M	-0.0277	0.0376	373	-0.738	0.4611455	MAG	Ester
MAG(20:1)	txCR	-0.0535	0.0429	189	-1.247	0.2139726	MAG	Ester
MAG(20:1)	TP12M:txCR	0.0030	0.0476	373	0.062	0.9502183	MAG	Ester
MAG(20:1)	TP24M:txCR	0.0026	0.0473	373	0.055	0.9564417	MAG	Ester
MAG(20:2)	(Intercept)	1.0464	0.0413	373	25.309	5.61E-83	MAG	Ester
MAG(20:2)	TP12M	-0.0343	0.0552	373	-0.623	0.5338339	MAG	Ester
MAG(20:2)	TP24M	-0.0144	0.0547	373	-0.264	0.7922757	MAG	Ester
MAG(20:2)	txCR	0.0340	0.0520	189	0.654	0.5136908	MAG	Ester
MAG(20:2)	TP12M:txCR	-0.0558	0.0693	373	-0.804	0.4216631	MAG	Ester
MAG(20:2)	TP24M:txCR	-0.0525	0.0690	373	-0.760	0.4474847	MAG	Ester
MAG(20:3)	(Intercept)	1.0320	0.0395	373	26.108	3.35E-86	MAG	Ester
MAG(20:3)	TP12M	0.0038	0.0491	373	0.078	0.9376843	MAG	Ester
MAG(20:3)	TP24M	-0.0143	0.0487	373	-0.295	0.768517	MAG	Ester
MAG(20:3)	txCR	-0.0049	0.0497	189	-0.099	0.9210257	MAG	Ester
MAG(20:3)	TP12M:txCR	-0.0710	0.0617	373	-1.151	0.2506305	MAG	Ester

MAG(20:3)	TP24M:txCR	-0.0202	0.0614	373	-0.329	0.7426085	MAG	Ester
MAG(20:5)	(Intercept)	1.0137	0.0315	373	32.162	1.34E-109	MAG	Ester
MAG(20:5)	TP12M	-0.0109	0.0420	373	-0.261	0.7943481	MAG	Ester
MAG(20:5)	TP24M	0.0196	0.0416	373	0.469	0.6390016	MAG	Ester
MAG(20:5)	txCR	-0.0236	0.0397	189	-0.594	0.5533667	MAG	Ester
MAG(20:5)	TP12M:txCR	0.0167	0.0528	373	0.316	0.752218	MAG	Ester
MAG(20:5)	TP24M:txCR	-0.0110	0.0525	373	-0.210	0.8341475	MAG	Ester
MAG(22:0)	(Intercept)	1.1121	0.0399	373	27.874	3.20E-93	MAG	Ester
MAG(22:0)	TP12M	0.0104	0.0481	373	0.217	0.8281323	MAG	Ester
MAG(22:0)	TP24M	-0.0598	0.0477	373	-1.254	0.2107977	MAG	Ester
MAG(22:0)	txCR	-0.0461	0.0502	189	-0.919	0.3594723	MAG	Ester
MAG(22:0)	TP12M:txCR	-0.0876	0.0604	373	-1.448	0.1483286	MAG	Ester
MAG(22:0)	TP24M:txCR	0.0000	0.0601	373	0.001	0.9995631	MAG	Ester
MAG(22:1)	(Intercept)	1.0614	0.0384	373	27.637	2.76E-92	MAG	Ester
MAG(22:1)	TP12M	-0.0158	0.0469	373	-0.337	0.7363024	MAG	Ester
MAG(22:1)	TP24M	-0.0189	0.0465	373	-0.407	0.6843531	MAG	Ester
MAG(22:1)	txCR	-0.0287	0.0483	189	-0.594	0.5535091	MAG	Ester
MAG(22:1)	TP12M:txCR	-0.0133	0.0589	373	-0.226	0.8210567	MAG	Ester
MAG(22:1)	TP24M:txCR	-0.0160	0.0586	373	-0.272	0.7854103	MAG	Ester
MAG(22:5)	(Intercept)	1.0565	0.0395	373	26.777	7.08E-89	MAG	Ester
MAG(22:5)	TP12M	0.0029	0.0497	373	0.059	0.9527898	MAG	Ester
MAG(22:5)	TP24M	-0.0136	0.0493	373	-0.275	0.7833704	MAG	Ester

MAG(22:5)	txCR	0.0045	0.0497	189	0.091	0.9277579	MAG	Ester
MAG(22:5)	TP12M:txCR	-0.0790	0.0624	373	-1.265	0.2067754	MAG	Ester
MAG(22:5)	TP24M:txCR	-0.0486	0.0621	373	-0.782	0.4347236	MAG	Ester
MAG(22:6)	(Intercept)	1.0777	0.0369	373	29.240	1.52E-98	MAG	Ester
MAG(22:6)	TP12M	0.0061	0.0430	373	0.142	0.8875278	MAG	Ester
MAG(22:6)	TP24M	-0.0521	0.0426	373	-1.223	0.2219788	MAG	Ester
MAG(22:6)	txCR	-0.0448	0.0464	189	-0.966	0.3350649	MAG	Ester
MAG(22:6)	TP12M:txCR	-0.0483	0.0540	373	-0.894	0.3717799	MAG	Ester
MAG(22:6)	TP24M:txCR	0.0170	0.0537	373	0.316	0.7519896	MAG	Ester
PC(15:0/18:2)	(Intercept)	1.0710	0.0408	373	26.226	1.13E-86	Phosphatidylcholine	PC Ester
PC(15:0/18:2)	TP12M	-0.0131	0.0476	373	-0.276	0.7828763	Phosphatidylcholine	PC Ester
PC(15:0/18:2)	TP24M	-0.0015	0.0472	373	-0.031	0.9751394	Phosphatidylcholine	PC Ester
PC(15:0/18:2)	txCR	-0.0016	0.0514	189	-0.030	0.9757124	Phosphatidylcholine	PC Ester
PC(15:0/18:2)	TP12M:txCR	-0.1010	0.0598	373	-1.689	0.0921011	Phosphatidylcholine	PC Ester
PC(15:0/18:2)	TP24M:txCR	-0.1060	0.0595	373	-1.783	0.0754489	Phosphatidylcholine	PC Ester
PC(15:0/20:4)	(Intercept)	0.9696	0.0564	373	17.192	3.35E-49	Phosphatidylcholine	PC Ester
PC(15:0/20:4)	TP12M	-0.0702	0.0716	373	-0.980	0.3275527	Phosphatidylcholine	PC Ester

PC(15:0/20:4)	TP24M	-0.0210	0.0710	373	-0.296	0.7677039	Phosphatidylcholine	PC Ester
PC(15:0/20:4)	txCR	-0.0518	0.0710	189	-0.730	0.4661748	Phosphatidylcholine	PC Ester
PC(15:0/20:4)	TP12M:txCR	-0.0224	0.0900	373	-0.249	0.8033333	Phosphatidylcholine	PC Ester
PC(15:0/20:4)	TP24M:txCR	-0.0441	0.0895	373	-0.493	0.6225733	Phosphatidylcholine	PC Ester
PC(16:0/18:2)	(Intercept)	1.0348	0.0332	373	31.165	7.02E-106	Phosphatidylcholine	PC Ester
PC(16:0/18:2)	TP12M	-0.0061	0.0344	373	-0.176	0.8603662	Phosphatidylcholine	PC Ester
PC(16:0/18:2)	TP24M	0.0069	0.0341	373	0.203	0.8389314	Phosphatidylcholine	PC Ester
PC(16:0/18:2)	txCR	0.0169	0.0418	189	0.404	0.6863956	Phosphatidylcholine	PC Ester
PC(16:0/18:2)	TP12M:txCR	-0.0824	0.0433	373	-1.903	0.0577707	Phosphatidylcholine	PC Ester
PC(16:0/18:2)	TP24M:txCR	-0.0598	0.0430	373	-1.391	0.1651978	Phosphatidylcholine	PC Ester
PC(16:0/22:6)	(Intercept)	1.0392	0.0523	373	19.852	2.28E-60	Phosphatidylcholine	PC Ester
PC(16:0/22:6)	TP12M	-0.0058	0.0440	373	-0.131	0.8960417	Phosphatidylcholine	PC Ester
PC(16:0/22:6)	TP24M	0.0150	0.0436	373	0.345	0.730038	Phosphatidylcholine	PC Ester
PC(16:0/22:6)	txCR	0.0348	0.0660	189	0.527	0.5986254	Phosphatidylcholine	PC Ester

PC(16:0/22:6)	TP12M:txCR	-0.0258	0.0553	373	-0.466	0.6412015	Phosphatidylcholine	PC Ester
PC(16:0/22:6)	TP24M:txCR	-0.0240	0.0549	373	-0.437	0.662559	Phosphatidylcholine	PC Ester
PC(17:0/18:2)	(Intercept)	1.0423	0.0397	373	26.260	8.20E-87	Phosphatidylcholine	PC Ester
PC(17:0/18:2)	TP12M	-0.0262	0.0495	373	-0.530	0.5964565	Phosphatidylcholine	PC Ester
PC(17:0/18:2)	TP24M	-0.0115	0.0490	373	-0.235	0.8144854	Phosphatidylcholine	PC Ester
PC(17:0/18:2)	txCR	0.0083	0.0500	189	0.166	0.8684678	Phosphatidylcholine	PC Ester
PC(17:0/18:2)	TP12M:txCR	-0.0806	0.0622	373	-1.296	0.1956995	Phosphatidylcholine	PC Ester
PC(17:0/18:2)	TP24M:txCR	-0.0442	0.0618	373	-0.715	0.475304	Phosphatidylcholine	PC Ester
PC(17:0/20:4)	(Intercept)	1.0349	0.0454	373	22.791	1.19E-72	Phosphatidylcholine	PC Ester
PC(17:0/20:4)	TP12M	-0.0407	0.0513	373	-0.794	0.4277438	Phosphatidylcholine	PC Ester
PC(17:0/20:4)	TP24M	-0.0079	0.0509	373	-0.156	0.876484	Phosphatidylcholine	PC Ester
PC(17:0/20:4)	txCR	0.0656	0.0572	189	1.147	0.2529804	Phosphatidylcholine	PC Ester
PC(17:0/20:4)	TP12M:txCR	-0.0801	0.0645	373	-1.243	0.2148028	Phosphatidylcholine	PC Ester
PC(17:0/20:4)	TP24M:txCR	-0.1193	0.0641	373	-1.861	0.0635052	Phosphatidylcholine	PC Ester

PC(18:0/20:4)	(Intercept)	1.0517	0.0377	373	27.903	2.46E-93	Phosphatidylcholine	PC Ester
PC(18:0/20:4)	TP12M	-0.0266	0.0360	373	-0.738	0.4608357	Phosphatidylcholine	PC Ester
PC(18:0/20:4)	TP24M	-0.0155	0.0357	373	-0.434	0.664659	Phosphatidylcholine	PC Ester
PC(18:0/20:4)	txCR	0.0256	0.0475	189	0.539	0.5907063	Phosphatidylcholine	PC Ester
PC(18:0/20:4)	TP12M:txCR	-0.1250	0.0453	373	-2.761	0.0060513	Phosphatidylcholine	PC Ester
PC(18:0/20:4)	TP24M:txCR	-0.1116	0.0450	373	-2.480	0.0135847	Phosphatidylcholine	PC Ester
PC(18:1/18:2)	(Intercept)	1.0379	0.0389	373	26.678	1.76E-88	Phosphatidylcholine	PC Ester
PC(18:1/18:2)	TP12M	-0.0572	0.0442	373	-1.296	0.1959452	Phosphatidylcholine	PC Ester
PC(18:1/18:2)	TP24M	-0.0476	0.0438	373	-1.087	0.2778096	Phosphatidylcholine	PC Ester
PC(18:1/18:2)	txCR	0.0217	0.0490	189	0.443	0.6579813	Phosphatidylcholine	PC Ester
PC(18:1/18:2)	TP12M:txCR	-0.0295	0.0555	373	-0.531	0.5959136	Phosphatidylcholine	PC Ester
PC(18:1/18:2)	TP24M:txCR	-0.0063	0.0552	373	-0.114	0.9092479	Phosphatidylcholine	PC Ester
PC(18:1/20:3)	(Intercept)	1.1674	0.0534	373	21.867	8.27E-69	Phosphatidylcholine	PC Ester
PC(18:1/20:3)	TP12M	-0.1501	0.0621	373	-2.418	0.0160849	Phosphatidylcholine	PC Ester

PC(18:1/20:3)	TP24M	-0.1306	0.0615	373	-2.123	0.0343715	Phosphatidylcholine	PC Ester
PC(18:1/20:3)	txCR	0.0207	0.0672	189	0.308	0.7586148	Phosphatidylcholine	PC Ester
PC(18:1/20:3)	TP12M:txCR	-0.1100	0.0780	373	-1.411	0.1591126	Phosphatidylcholine	PC Ester
PC(18:1/20:3)	TP24M:txCR	-0.1188	0.0776	373	-1.531	0.1265086	Phosphatidylcholine	PC Ester
PC(18:1/20:4)	(Intercept)	1.0658	0.0399	373	26.717	1.22E-88	Phosphatidylcholine	PC Ester
PC(18:1/20:4)	TP12M	-0.0811	0.0401	373	-2.023	0.0438141	Phosphatidylcholine	PC Ester
PC(18:1/20:4)	TP24M	-0.0747	0.0397	373	-1.880	0.0609137	Phosphatidylcholine	PC Ester
PC(18:1/20:4)	txCR	0.0194	0.0502	189	0.386	0.7002271	Phosphatidylcholine	PC Ester
PC(18:1/20:4)	TP12M:txCR	-0.0502	0.0504	373	-0.997	0.3193342	Phosphatidylcholine	PC Ester
PC(18:1/20:4)	TP24M:txCR	-0.0603	0.0501	373	-1.203	0.2295521	Phosphatidylcholine	PC Ester
PC(18:1/22:6)	(Intercept)	1.0426	0.0457	373	22.792	1.17E-72	Phosphatidylcholine	PC Ester
PC(18:1/22:6)	TP12M	-0.0948	0.0523	373	-1.813	0.0706032	Phosphatidylcholine	PC Ester
PC(18:1/22:6)	TP24M	-0.0671	0.0518	373	-1.296	0.1957791	Phosphatidylcholine	PC Ester
PC(18:1/22:6)	txCR	0.0345	0.0576	189	0.599	0.5502047	Phosphatidylcholine	PC Ester

PC(18:1/22:6)	TP12M:txCR	0.0282	0.0657	373	0.430	0.6675625	Phosphatidylcholine	PC Ester
PC(18:1/22:6)	TP24M:txCR	-0.0004	0.0653	373	-0.005	0.995648	Phosphatidylcholine	PC Ester
PC(18:2/16:1)	(Intercept)	1.0941	0.0393	373	27.811	5.67E-93	Phosphatidylcholine	PC Ester
PC(18:2/16:1)	TP12M	-0.0800	0.0439	373	-1.821	0.0693656	Phosphatidylcholine	PC Ester
PC(18:2/16:1)	TP24M	-0.0503	0.0435	373	-1.157	0.2479769	Phosphatidylcholine	PC Ester
PC(18:2/16:1)	txCR	0.0073	0.0495	189	0.147	0.8835132	Phosphatidylcholine	PC Ester
PC(18:2/16:1)	TP12M:txCR	-0.0757	0.0552	373	-1.372	0.1708546	Phosphatidylcholine	PC Ester
PC(18:2/16:1)	TP24M:txCR	-0.0868	0.0549	373	-1.581	0.1146154	Phosphatidylcholine	PC Ester
PC(18:2/20:2)	(Intercept)	0.9359	0.0480	373	19.495	7.19E-59	Phosphatidylcholine	PC Ester
PC(18:2/20:2)	TP12M	-0.0251	0.0562	373	-0.446	0.6558311	Phosphatidylcholine	PC Ester
PC(18:2/20:2)	TP24M	-0.0270	0.0557	373	-0.484	0.6284013	Phosphatidylcholine	PC Ester
PC(18:2/20:2)	txCR	0.0554	0.0604	189	0.917	0.3602774	Phosphatidylcholine	PC Ester
PC(18:2/20:2)	TP12M:txCR	-0.0801	0.0706	373	-1.134	0.2574636	Phosphatidylcholine	PC Ester
PC(18:2/20:2)	TP24M:txCR	-0.0409	0.0702	373	-0.583	0.5602952	Phosphatidylcholine	PC Ester

PC(18:2/22:5)	(Intercept)	0.9638	0.0482	373	19.990	5.99E-61	Phosphatidylcholine	PC Ester
PC(18:2/22:5)	TP12M	-0.0412	0.0529	373	-0.780	0.4358739	Phosphatidylcholine	PC Ester
PC(18:2/22:5)	TP24M	-0.0777	0.0524	373	-1.484	0.1387645	Phosphatidylcholine	PC Ester
PC(18:2/22:5)	txCR	-0.0624	0.0607	189	-1.029	0.3049347	Phosphatidylcholine	PC Ester
PC(18:2/22:5)	TP12M:txCR	-0.0152	0.0664	373	-0.229	0.8191287	Phosphatidylcholine	PC Ester
PC(18:2/22:5)	TP24M:txCR	0.0255	0.0660	373	0.386	0.7000723	Phosphatidylcholine	PC Ester
PE(18:0/18:0)	(Intercept)	1.0821	0.0511	373	21.191	5.48E-66	Phosphatidylethanolamine	PE Ester
PE(18:0/18:0)	TP12M	0.0127	0.0505	373	0.252	0.8015518	Phosphatidylethanolamine	PE Ester
PE(18:0/18:0)	TP24M	0.0057	0.0500	373	0.113	0.909809	Phosphatidylethanolamine	PE Ester
PE(18:0/18:0)	txCR	0.0104	0.0643	189	0.162	0.8718531	Phosphatidylethanolamine	PE Ester
PE(18:0/18:0)	TP12M:txCR	-0.1263	0.0634	373	-1.991	0.0471692	Phosphatidylethanolamine	PE Ester

PE(18:0/18:0)	TP24M:txCR	-0.0728	0.0631	373	-1.155	0.2487051	Phosphatidylethanolamine	PE Ester
PE(18:1/22:0)	(Intercept)	0.6196	0.0586	373	10.566	5.30E-23	Phosphatidylethanolamine	PE Ester
PE(18:1/22:0)	TP12M	0.0214	0.0727	373	0.294	0.7686573	Phosphatidylethanolamine	PE Ester
PE(18:1/22:0)	TP24M	0.0168	0.0721	373	0.232	0.8163135	Phosphatidylethanolamine	PE Ester
PE(18:1/22:0)	txCR	0.0964	0.0738	189	1.306	0.1931205	Phosphatidylethanolamine	PE Ester
PE(18:1/22:0)	TP12M:txCR	-0.0112	0.0914	373	-0.123	0.9022279	Phosphatidylethanolamine	PE Ester
PE(18:1/22:0)	TP24M:txCR	-0.0509	0.0909	373	-0.560	0.5757898	Phosphatidylethanolamine	PE Ester
PE(18:2/16:1)	(Intercept)	1.1934	0.0620	373	19.261	6.98E-58	Phosphatidylethanolamine	PE Ester
PE(18:2/16:1)	TP12M	-0.0720	0.0737	373	-0.977	0.3291543	Phosphatidylethanolamine	PE Ester

PE(18:2/16:1)	TP24M	0.0075	0.0730	373	0.103	0.9178835	Phosphatidylethanolamine	PE Ester
PE(18:2/16:1)	txCR	-0.0453	0.0780	189	-0.580	0.5623947	Phosphatidylethanolamine	PE Ester
PE(18:2/16:1)	TP12M:txCR	-0.0597	0.0926	373	-0.645	0.5192422	Phosphatidylethanolamine	PE Ester
PE(18:2/16:1)	TP24M:txCR	-0.1693	0.0921	373	-1.839	0.0667174	Phosphatidylethanolamine	PE Ester
PE(O-16:0/18:2)	(Intercept)	1.0996	0.0529	373	20.794	2.53E-64	Phosphatidylethanolamine	PE Ether
PE(O-16:0/18:2)	TP12M	-0.0560	0.0605	373	-0.925	0.3554085	Phosphatidylethanolamine	PE Ether
PE(O-16:0/18:2)	TP24M	-0.0222	0.0600	373	-0.370	0.7117019	Phosphatidylethanolamine	PE Ether
PE(O-16:0/18:2)	txCR	0.0113	0.0666	189	0.169	0.8656865	Phosphatidylethanolamine	PE Ether
PE(O-16:0/18:2)	TP12M:txCR	-0.0913	0.0760	373	-1.200	0.2307961	Phosphatidylethanolamine	PE Ether

PE(O-16:0/18:2)	TP24M:txCR	-0.0897	0.0756	373	-1.186	0.2362564	Phosphatidylethanolamine	PE Ether
PE(O-16:0/20:4)	(Intercept)	1.1948	0.0681	373	17.544	1.13E-50	Phosphatidylethanolamine	PE Ether
PE(O-16:0/20:4)	TP12M	-0.0110	0.0700	373	-0.157	0.8756244	Phosphatidylethanolamine	PE Ether
PE(O-16:0/20:4)	TP24M	-0.0289	0.0693	373	-0.417	0.676637	Phosphatidylethanolamine	PE Ether
PE(O-16:0/20:4)	txCR	-0.0166	0.0858	189	-0.193	0.8471592	Phosphatidylethanolamine	PE Ether
PE(O-16:0/20:4)	TP12M:txCR	-0.1441	0.0879	373	-1.640	0.1019011	Phosphatidylethanolamine	PE Ether
PE(O-16:0/20:4)	TP24M:txCR	-0.1235	0.0874	373	-1.413	0.1584465	Phosphatidylethanolamine	PE Ether
PE(O-16:0/22:6)	(Intercept)	1.0903	0.0515	373	21.160	7.39E-66	Phosphatidylethanolamine	PE Ether
PE(O-16:0/22:6)	TP12M	-0.0436	0.0586	373	-0.743	0.4578824	Phosphatidylethanolamine	PE Ether

PE(O-16:0/22:6)	TP24M	-0.1215	0.0581	373	-2.092	0.0371422	Phosphatidylethanolamine	PE Ether
PE(O-16:0/22:6)	txCR	-0.0622	0.0649	189	-0.960	0.3385271	Phosphatidylethanolamine	PE Ether
PE(O-16:0/22:6)	TP12M:txCR	0.0014	0.0736	373	0.019	0.9851699	Phosphatidylethanolamine	PE Ether
PE(O-16:0/22:6)	TP24M:txCR	0.0960	0.0732	373	1.311	0.1907341	Phosphatidylethanolamine	PE Ether
PE(O-18:0/20:4)	(Intercept)	1.1816	0.0540	373	21.865	8.38E-69	Phosphatidylethanolamine	PE Ether
PE(O-18:0/20:4)	TP12M	-0.0076	0.0605	373	-0.126	0.8999158	Phosphatidylethanolamine	PE Ether
PE(O-18:0/20:4)	TP24M	-0.0372	0.0600	373	-0.621	0.5350154	Phosphatidylethanolamine	PE Ether
PE(O-18:0/20:4)	txCR	-0.0367	0.0680	189	-0.539	0.5905413	Phosphatidylethanolamine	PE Ether
PE(O-18:0/20:4)	TP12M:txCR	-0.1950	0.0761	373	-2.565	0.0107214	Phosphatidylethanolamine	PE Ether

PE(O-18:0/20:4)	TP24M:txCR	-0.1359	0.0756	373	-1.797	0.0731289	Phosphatidylethanolamine	PE Ether
PE(O-18:0/22:5)	(Intercept)	1.1150	0.0454	373	24.575	5.43E-80	Phosphatidylethanolamine	PE Ether
PE(O-18:0/22:5)	TP12M	-0.0517	0.0573	373	-0.902	0.367618	Phosphatidylethanolamine	PE Ether
PE(O-18:0/22:5)	TP24M	-0.0331	0.0568	373	-0.582	0.560608	Phosphatidylethanolamine	PE Ether
PE(O-18:0/22:5)	txCR	-0.0115	0.0571	189	-0.201	0.8410533	Phosphatidylethanolamine	PE Ether
PE(O-18:0/22:5)	TP12M:txCR	-0.1586	0.0721	373	-2.201	0.0283298	Phosphatidylethanolamine	PE Ether
PE(O-18:0/22:5)	TP24M:txCR	-0.1525	0.0717	373	-2.127	0.0340713	Phosphatidylethanolamine	PE Ether
PE(O-18:0/22:6)	(Intercept)	1.0391	0.0507	373	20.476	5.47E-63	Phosphatidylethanolamine	PE Ether
PE(O-18:0/22:6)	TP12M	-0.0044	0.0604	373	-0.074	0.941391	Phosphatidylethanolamine	PE Ether

PE(O-18:0/22:6)	TP24M	0.0166	0.0598	373	0.278	0.7815384	Phosphatidylethanolamine	PE Ether
PE(O-18:0/22:6)	txCR	-0.0133	0.0639	189	-0.208	0.8354571	Phosphatidylethanolamine	PE Ether
PE(O-18:0/22:6)	TP12M:txCR	-0.0559	0.0758	373	-0.737	0.4617083	Phosphatidylethanolamine	PE Ether
PE(O-18:0/22:6)	TP24M:txCR	-0.0719	0.0754	373	-0.954	0.3408598	Phosphatidylethanolamine	PE Ether
PE(P-16:0/18:1)	(Intercept)	1.1009	0.0426	373	25.832	4.33E-85	Phosphatidylethanolamine	PE Plasmalogen
PE(P-16:0/18:1)	TP12M	-0.0436	0.0487	373	-0.897	0.3705515	Phosphatidylethanolamine	PE Plasmalogen
PE(P-16:0/18:1)	TP24M	-0.0582	0.0482	373	-1.207	0.2280051	Phosphatidylethanolamine	PE Plasmalogen
PE(P-16:0/18:1)	txCR	-0.0198	0.0537	189	-0.369	0.712584	Phosphatidylethanolamine	PE Plasmalogen
PE(P-16:0/18:1)	TP12M:txCR	-0.1168	0.0612	373	-1.910	0.0569117	Phosphatidylethanolamine	PE Plasmalogen

PE(P-16:0/18:1)	TP24M:txCR	-0.0691	0.0608	373	-1.136	0.2565306	Phosphatidylethanolamine	PE Plasmalogen
PE(P-16:0/18:2)	(Intercept)	1.1734	0.0531	373	22.107	8.24E-70	Phosphatidylethanolamine	PE Plasmalogen
PE(P-16:0/18:2)	TP12M	-0.0848	0.0574	373	-1.479	0.1400763	Phosphatidylethanolamine	PE Plasmalogen
PE(P-16:0/18:2)	TP24M	-0.0378	0.0568	373	-0.665	0.5063995	Phosphatidylethanolamine	PE Plasmalogen
PE(P-16:0/18:2)	txCR	-0.0389	0.0668	189	-0.581	0.561697	Phosphatidylethanolamine	PE Plasmalogen
PE(P-16:0/18:2)	TP12M:txCR	-0.1228	0.0721	373	-1.704	0.089234	Phosphatidylethanolamine	PE Plasmalogen
PE(P-16:0/18:2)	TP24M:txCR	-0.1022	0.0716	373	-1.427	0.15443	Phosphatidylethanolamine	PE Plasmalogen
PE(P-16:0/20:4)	(Intercept)	1.2149	0.0597	373	20.339	2.05E-62	Phosphatidylethanolamine	PE Plasmalogen
PE(P-16:0/20:4)	TP12M	-0.0408	0.0575	373	-0.709	0.4789551	Phosphatidylethanolamine	PE Plasmalogen

PE(P-16:0/20:4)	TP24M	-0.1010	0.0570	373	-1.772	0.0771386	Phosphatidylethanolamine	PE Plasmalogen
PE(P-16:0/20:4)	txCR	-0.1009	0.0752	189	-1.341	0.1813863	Phosphatidylethanolamine	PE Plasmalogen
PE(P-16:0/20:4)	TP12M:txCR	-0.1675	0.0723	373	-2.317	0.021037	Phosphatidylethanolamine	PE Plasmalogen
PE(P-16:0/20:4)	TP24M:txCR	-0.0783	0.0718	373	-1.090	0.2762931	Phosphatidylethanolamine	PE Plasmalogen
PE(P-16:0/22:5)	(Intercept)	1.1289	0.0491	373	22.990	1.78E-73	Phosphatidylethanolamine	PE Plasmalogen
PE(P-16:0/22:5)	TP12M	-0.0344	0.0534	373	-0.645	0.5195747	Phosphatidylethanolamine	PE Plasmalogen
PE(P-16:0/22:5)	TP24M	-0.0299	0.0529	373	-0.565	0.5722055	Phosphatidylethanolamine	PE Plasmalogen
PE(P-16:0/22:5)	txCR	0.0129	0.0618	189	0.208	0.8354628	Phosphatidylethanolamine	PE Plasmalogen
PE(P-16:0/22:5)	TP12M:txCR	-0.2099	0.0671	373	-3.126	0.0019099	Phosphatidylethanolamine	PE Plasmalogen

PE(P-16:0/22:5)	TP24M:txCR	-0.1482	0.0667	373	-2.220	0.0270251	Phosphatidylethanolamine	PE Plasmalogen
PE(P-16:0/22:6)	(Intercept)	1.0818	0.0494	373	21.911	5.42E-69	Phosphatidylethanolamine	PE Plasmalogen
PE(P-16:0/22:6)	TP12M	0.0020	0.0481	373	0.041	0.9669267	Phosphatidylethanolamine	PE Plasmalogen
PE(P-16:0/22:6)	TP24M	-0.0425	0.0476	373	-0.892	0.3727392	Phosphatidylethanolamine	PE Plasmalogen
PE(P-16:0/22:6)	txCR	-0.0037	0.0622	189	-0.059	0.9530378	Phosphatidylethanolamine	PE Plasmalogen
PE(P-16:0/22:6)	TP12M:txCR	-0.0696	0.0604	373	-1.153	0.2498295	Phosphatidylethanolamine	PE Plasmalogen
PE(P-16:0/22:6)	TP24M:txCR	-0.0217	0.0600	373	-0.362	0.7172571	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:0/16:0)	(Intercept)	1.1137	0.0491	373	22.677	3.52E-72	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:0/16:0)	TP12M	-0.0336	0.0627	373	-0.535	0.5926747	Phosphatidylethanolamine	PE Plasmalogen

PE(P-18:0/16:0)	TP24M	-0.0515	0.0622	373	-0.828	0.4082133	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:0/16:0)	txCR	-0.0223	0.0618	189	-0.361	0.7185734	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:0/16:0)	TP12M:txCR	-0.1354	0.0788	373	-1.718	0.0866678	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:0/16:0)	TP24M:txCR	-0.0696	0.0784	373	-0.887	0.3756889	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:0/18:1)	(Intercept)	1.1002	0.0448	373	24.586	4.88E-80	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:0/18:1)	TP12M	-0.0334	0.0508	373	-0.658	0.5111654	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:0/18:1)	TP24M	-0.0377	0.0504	373	-0.749	0.4544169	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:0/18:1)	txCR	-0.0170	0.0563	189	-0.302	0.7626177	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:0/18:1)	TP12M:txCR	-0.1277	0.0639	373	-2.000	0.0461997	Phosphatidylethanolamine	PE Plasmalogen

PE(P-18:0/18:1)	TP24M:txCR	-0.0684	0.0635	373	-1.077	0.2819667	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:0/18:2)	(Intercept)	1.1414	0.0510	373	22.378	6.13E-71	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:0/18:2)	TP12M	-0.0554	0.0559	373	-0.990	0.3229267	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:0/18:2)	TP24M	-0.0156	0.0554	373	-0.282	0.7778373	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:0/18:2)	txCR	-0.0163	0.0642	189	-0.254	0.7997839	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:0/18:2)	TP12M:txCR	-0.1346	0.0703	373	-1.914	0.0563253	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:0/18:2)	TP24M:txCR	-0.1083	0.0699	373	-1.550	0.1219582	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:0/20:3)	(Intercept)	1.1951	0.0566	373	21.122	1.07E-65	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:0/20:3)	TP12M	-0.0317	0.0672	373	-0.472	0.6373756	Phosphatidylethanolamine	PE Plasmalogen

PE(P-18:0/20:3)	TP24M	-0.0593	0.0666	373	-0.891	0.3733793	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:0/20:3)	txCR	-0.0424	0.0712	189	-0.595	0.5524896	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:0/20:3)	TP12M:txCR	-0.2429	0.0844	373	-2.878	0.0042296	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:0/20:3)	TP24M:txCR	-0.1513	0.0839	373	-1.803	0.0721515	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:0/20:4)	(Intercept)	1.2056	0.0586	373	20.579	2.02E-63	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:0/20:4)	TP12M	-0.0237	0.0560	373	-0.423	0.6725956	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:0/20:4)	TP24M	-0.0705	0.0554	373	-1.272	0.2042814	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:0/20:4)	txCR	-0.0945	0.0738	189	-1.280	0.2020573	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:0/20:4)	TP12M:txCR	-0.1635	0.0703	373	-2.325	0.0206023	Phosphatidylethanolamine	PE Plasmalogen

PE(P-18:0/20:4)	TP24M:txCR	-0.0953	0.0699	373	-1.364	0.1733898	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:0/22:5)	(Intercept)	1.1418	0.0488	373	23.417	3.07E-75	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:0/22:5)	TP12M	-0.0597	0.0544	373	-1.097	0.273351	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:0/22:5)	TP24M	-0.0592	0.0540	373	-1.097	0.2733148	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:0/22:5)	txCR	-0.0180	0.0614	189	-0.294	0.7692487	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:0/22:5)	TP12M:txCR	-0.1859	0.0684	373	-2.717	0.0068894	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:0/22:5)	TP24M:txCR	-0.1427	0.0680	373	-2.098	0.0365572	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:0/22:6)	(Intercept)	1.0844	0.0520	373	20.857	1.37E-64	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:0/22:6)	TP12M	-0.0019	0.0516	373	-0.037	0.970731	Phosphatidylethanolamine	PE Plasmalogen

PE(P-18:0/22:6)	TP24M	-0.0218	0.0511	373	-0.426	0.6705662	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:0/22:6)	txCR	-0.0158	0.0655	189	-0.241	0.8094354	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:0/22:6)	TP12M:txCR	-0.0469	0.0649	373	-0.723	0.4702231	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:0/22:6)	TP24M:txCR	-0.0344	0.0645	373	-0.534	0.5934452	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:1/16:0)	(Intercept)	1.0527	0.0428	373	24.605	4.10E-80	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:1/16:0)	TP12M	-0.0305	0.0475	373	-0.641	0.5217841	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:1/16:0)	TP24M	-0.0221	0.0471	373	-0.469	0.6396697	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:1/16:0)	txCR	-0.0066	0.0539	189	-0.123	0.902313	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:1/16:0)	TP12M:txCR	-0.0760	0.0597	373	-1.272	0.2040629	Phosphatidylethanolamine	PE Plasmalogen

PE(P-18:1/16:0)	TP24M:txCR	-0.0138	0.0594	373	-0.233	0.8159807	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:1/18:1)	(Intercept)	1.0925	0.0440	373	24.819	5.50E-81	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:1/18:1)	TP12M	-0.0570	0.0488	373	-1.168	0.2434196	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:1/18:1)	TP24M	-0.0712	0.0483	373	-1.474	0.1412879	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:1/18:1)	txCR	-0.0175	0.0554	189	-0.316	0.7526896	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:1/18:1)	TP12M:txCR	-0.0728	0.0613	373	-1.187	0.2358586	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:1/18:1)	TP24M:txCR	0.0044	0.0609	373	0.073	0.9418977	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:1/18:2)	(Intercept)	1.1667	0.0512	373	22.806	1.03E-72	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:1/18:2)	TP12M	-0.1081	0.0553	373	-1.956	0.0512044	Phosphatidylethanolamine	PE Plasmalogen

PE(P-18:1/18:2)	TP24M	-0.0862	0.0547	373	-1.575	0.1162058	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:1/18:2)	txCR	-0.0275	0.0644	189	-0.427	0.6697496	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:1/18:2)	TP12M:txCR	-0.0808	0.0694	373	-1.163	0.2454885	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:1/18:2)	TP24M:txCR	-0.0487	0.0690	373	-0.706	0.4806481	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:1/20:4)	(Intercept)	1.2265	0.0568	373	21.612	9.53E-68	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:1/20:4)	TP12M	-0.0774	0.0559	373	-1.386	0.1664881	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:1/20:4)	TP24M	-0.1251	0.0553	373	-2.262	0.0242942	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:1/20:4)	txCR	-0.0814	0.0715	189	-1.139	0.2559914	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:1/20:4)	TP12M:txCR	-0.1268	0.0702	373	-1.806	0.0716901	Phosphatidylethanolamine	PE Plasmalogen

PE(P-18:1/20:4)	TP24M:txCR	-0.0628	0.0698	373	-0.900	0.3685547	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:1/22:4)	(Intercept)	1.1774	0.0471	373	25.000	1.00E-81	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:1/22:4)	TP12M	-0.1143	0.0535	373	-2.136	0.033339	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:1/22:4)	TP24M	-0.2651	0.0530	373	-5.001	8.79E-07	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:1/22:4)	txCR	-0.0948	0.0593	189	-1.600	0.1113529	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:1/22:4)	TP12M:txCR	-0.0789	0.0672	373	-1.174	0.2410407	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:1/22:4)	TP24M:txCR	0.0505	0.0668	373	0.755	0.4508084	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:1/22:5)	(Intercept)	1.1269	0.0462	373	24.414	2.45E-79	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:1/22:5)	TP12M	-0.0505	0.0514	373	-0.982	0.326526	Phosphatidylethanolamine	PE Plasmalogen

PE(P-18:1/22:5)	TP24M	-0.1077	0.0510	373	-2.113	0.0352682	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:1/22:5)	txCR	0.0169	0.0581	189	0.290	0.7719938	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:1/22:5)	TP12M:txCR	-0.1856	0.0646	373	-2.872	0.004318	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:1/22:5)	TP24M:txCR	-0.0615	0.0643	373	-0.957	0.3389901	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:1/22:6)	(Intercept)	1.0570	0.0502	373	21.046	2.22E-65	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:1/22:6)	TP12M	-0.0174	0.0509	373	-0.343	0.7320751	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:1/22:6)	TP24M	-0.0588	0.0504	373	-1.167	0.2439603	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:1/22:6)	txCR	0.0122	0.0633	189	0.194	0.8466779	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:1/22:6)	TP12M:txCR	-0.0481	0.0639	373	-0.753	0.452099	Phosphatidylethanolamine	PE Plasmalogen

PE(P-18:1/22:6)	TP24M:txCR	0.0079	0.0635	373	0.125	0.900544	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:2/18:2)	(Intercept)	0.9127	0.0505	373	18.061	7.71E-53	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:2/18:2)	TP12M	-0.1230	0.0614	373	-2.004	0.0457436	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:2/18:2)	TP24M	-0.1667	0.0609	373	-2.740	0.0064357	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:2/18:2)	txCR	-0.0694	0.0636	189	-1.092	0.276358	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:2/18:2)	TP12M:txCR	-0.0075	0.0771	373	-0.097	0.9228158	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:2/18:2)	TP24M:txCR	0.0989	0.0767	373	1.289	0.1983561	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:2/20:4)	(Intercept)	1.1239	0.0554	373	20.271	3.94E-62	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:2/20:4)	TP12M	-0.0924	0.0607	373	-1.524	0.1283639	Phosphatidylethanolamine	PE Plasmalogen

PE(P-18:2/20:4)	TP24M	-0.0985	0.0601	373	-1.639	0.1021596	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:2/20:4)	txCR	-0.0950	0.0698	189	-1.360	0.1753702	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:2/20:4)	TP12M:txCR	-0.0401	0.0762	373	-0.526	0.5994497	Phosphatidylethanolamine	PE Plasmalogen
PE(P-18:2/20:4)	TP24M:txCR	-0.0207	0.0758	373	-0.273	0.7847868	Phosphatidylethanolamine	PE Plasmalogen
SM(14:0)	(Intercept)	1.1163	0.0426	373	26.221	1.18E-86	Sphingolipids	Sphingomyelin
SM(14:0)	TP12M	-0.0257	0.0489	373	-0.525	0.5999528	Sphingolipids	Sphingomyelin
SM(14:0)	TP24M	-0.0168	0.0485	373	-0.347	0.7291262	Sphingolipids	Sphingomyelin
SM(14:0)	txCR	-0.0231	0.0536	189	-0.431	0.667059	Sphingolipids	Sphingomyelin
SM(14:0)	TP12M:txCR	-0.1644	0.0614	373	-2.676	0.0077886	Sphingolipids	Sphingomyelin
SM(14:0)	TP24M:txCR	-0.1229	0.0611	373	-2.011	0.0450071	Sphingolipids	Sphingomyelin
SM(16:0)	(Intercept)	1.0333	0.0300	373	34.397	9.60E-118	Sphingolipids	Sphingomyelin
SM(16:0)	TP12M	-0.0173	0.0364	373	-0.476	0.6343092	Sphingolipids	Sphingomyelin

SM(16:0)	TP24M	-0.0155	0.0361	373	-0.431	0.6669636	Sphingolipids	Sphingomyelin
SM(16:0)	txCR	-0.0062	0.0378	189	-0.165	0.8690546	Sphingolipids	Sphingomyelin
SM(16:0)	TP12M:txCR	-0.0596	0.0457	373	-1.304	0.1931294	Sphingolipids	Sphingomyelin
SM(16:0)	TP24M:txCR	-0.0452	0.0455	373	-0.993	0.3215255	Sphingolipids	Sphingomyelin
SM(18:0)	(Intercept)	1.0718	0.0341	373	31.440	6.52E-107	Sphingolipids	Sphingomyelin
SM(18:0)	TP12M	-0.0120	0.0391	373	-0.306	0.7596745	Sphingolipids	Sphingomyelin
SM(18:0)	TP24M	-0.0242	0.0387	373	-0.624	0.5327423	Sphingolipids	Sphingomyelin
SM(18:0)	txCR	-0.0117	0.0429	189	-0.272	0.7860419	Sphingolipids	Sphingomyelin
SM(18:0)	TP12M:txCR	-0.1202	0.0491	373	-2.447	0.0148688	Sphingolipids	Sphingomyelin
SM(18:0)	TP24M:txCR	-0.0887	0.0488	373	-1.816	0.0701026	Sphingolipids	Sphingomyelin
SM(18:1)	(Intercept)	1.1147	0.0364	373	30.596	9.93E-104	Sphingolipids	Sphingomyelin
SM(18:1)	TP12M	-0.0324	0.0402	373	-0.807	0.4202006	Sphingolipids	Sphingomyelin
SM(18:1)	TP24M	-0.0314	0.0398	373	-0.789	0.4306001	Sphingolipids	Sphingomyelin
SM(18:1)	txCR	-0.0348	0.0459	189	-0.758	0.4493605	Sphingolipids	Sphingomyelin

SM(18:1)	TP12M:txCR	-0.1240	0.0505	373	-2.457	0.0144705	Sphingolipids	Sphingomyelin
SM(18:1)	TP24M:txCR	-0.1091	0.0502	373	-2.174	0.0303116	Sphingolipids	Sphingomyelin
SM(20:0)	(Intercept)	1.0950	0.0485	373	22.563	1.04E-71	Sphingolipids	Sphingomyelin
SM(20:0)	TP12M	-0.0428	0.0503	373	-0.852	0.3945391	Sphingolipids	Sphingomyelin
SM(20:0)	TP24M	-0.0047	0.0498	373	-0.094	0.925125	Sphingolipids	Sphingomyelin
SM(20:0)	txCR	0.0186	0.0611	189	0.304	0.7614454	Sphingolipids	Sphingomyelin
SM(20:0)	TP12M:txCR	-0.1204	0.0631	373	-1.907	0.0572544	Sphingolipids	Sphingomyelin
SM(20:0)	TP24M:txCR	-0.1121	0.0628	373	-1.786	0.0748936	Sphingolipids	Sphingomyelin
SM(20:1)	(Intercept)	1.0732	0.0339	373	31.698	7.10E-108	Sphingolipids	Sphingomyelin
SM(20:1)	TP12M	-0.0311	0.0356	373	-0.872	0.3835944	Sphingolipids	Sphingomyelin
SM(20:1)	TP24M	-0.0224	0.0353	373	-0.633	0.5268265	Sphingolipids	Sphingomyelin
SM(20:1)	txCR	-0.0278	0.0426	189	-0.651	0.5157903	Sphingolipids	Sphingomyelin
SM(20:1)	TP12M:txCR	-0.1007	0.0448	373	-2.250	0.0250295	Sphingolipids	Sphingomyelin
SM(20:1)	TP24M:txCR	-0.0736	0.0445	373	-1.654	0.0990542	Sphingolipids	Sphingomyelin

SM(22:0)	(Intercept)	1.0745	0.0442	373	24.297	7.43E-79	Sphingolipids	Sphingomyelin
SM(22:0)	TP12M	-0.0412	0.0483	373	-0.853	0.3941163	Sphingolipids	Sphingomyelin
SM(22:0)	TP24M	-0.0209	0.0478	373	-0.438	0.6617986	Sphingolipids	Sphingomyelin
SM(22:0)	txCR	0.0352	0.0557	189	0.632	0.5278611	Sphingolipids	Sphingomyelin
SM(22:0)	TP12M:txCR	-0.1353	0.0606	373	-2.231	0.0262584	Sphingolipids	Sphingomyelin
SM(22:0)	TP24M:txCR	-0.1158	0.0603	373	-1.922	0.0554158	Sphingolipids	Sphingomyelin
SM(22:1)	(Intercept)	1.0415	0.0322	373	32.355	2.59E-110	Sphingolipids	Sphingomyelin
SM(22:1)	TP12M	-0.0325	0.0378	373	-0.859	0.3910835	Sphingolipids	Sphingomyelin
SM(22:1)	TP24M	-0.0044	0.0375	373	-0.118	0.9060331	Sphingolipids	Sphingomyelin
SM(22:1)	txCR	0.0065	0.0405	189	0.159	0.8736267	Sphingolipids	Sphingomyelin
SM(22:1)	TP12M:txCR	-0.0977	0.0475	373	-2.056	0.040455	Sphingolipids	Sphingomyelin
SM(22:1)	TP24M:txCR	-0.0915	0.0473	373	-1.935	0.0537298	Sphingolipids	Sphingomyelin
SM(24:0)	(Intercept)	1.0419	0.0357	373	29.213	1.94E-98	Sphingolipids	Sphingomyelin
SM(24:0)	TP12M	-0.0259	0.0397	373	-0.652	0.5149151	Sphingolipids	Sphingomyelin

SM(24:0)	TP24M	0.0052	0.0394	373	0.131	0.8955148	Sphingolipids	Sphingomyelin
SM(24:0)	txCR	0.0364	0.0449	189	0.812	0.4180622	Sphingolipids	Sphingomyelin
SM(24:0)	TP12M:txCR	-0.0878	0.0499	373	-1.758	0.0795181	Sphingolipids	Sphingomyelin
SM(24:0)	TP24M:txCR	-0.1013	0.0496	373	-2.041	0.0419437	Sphingolipids	Sphingomyelin
SM(24:1)	(Intercept)	1.0015	0.0297	373	33.717	2.70E-115	Sphingolipids	Sphingomyelin
SM(24:1)	TP12M	-0.0063	0.0327	373	-0.192	0.8476687	Sphingolipids	Sphingomyelin
SM(24:1)	TP24M	0.0141	0.0324	373	0.435	0.6636457	Sphingolipids	Sphingomyelin
SM(24:1)	txCR	0.0208	0.0374	189	0.556	0.5785409	Sphingolipids	Sphingomyelin
SM(24:1)	TP12M:txCR	-0.0433	0.0411	373	-1.053	0.2929237	Sphingolipids	Sphingomyelin
SM(24:1)	TP24M:txCR	-0.0516	0.0409	373	-1.262	0.2078071	Sphingolipids	Sphingomyelin
SM(26:0)	(Intercept)	1.0250	0.0388	373	26.407	2.12E-87	Sphingolipids	Sphingomyelin
SM(26:0)	TP12M	-0.0284	0.0467	373	-0.609	0.5431105	Sphingolipids	Sphingomyelin
SM(26:0)	TP24M	-0.0163	0.0463	373	-0.353	0.7245402	Sphingolipids	Sphingomyelin
SM(26:0)	txCR	0.0176	0.0489	189	0.360	0.7189739	Sphingolipids	Sphingomyelin

SM(26:0)	TP12M:txCR	-0.0687	0.0587	373	-1.172	0.2421167	Sphingolipids	Sphingomyelin
SM(26:0)	TP24M:txCR	-0.0357	0.0583	373	-0.612	0.5412139	Sphingolipids	Sphingomyelin
SM(26:1)	(Intercept)	0.9906	0.0333	373	29.763	1.48E-100	Sphingolipids	Sphingomyelin
SM(26:1)	TP12M	0.0034	0.0394	373	0.085	0.9319258	Sphingolipids	Sphingomyelin
SM(26:1)	TP24M	0.0050	0.0390	373	0.127	0.8986974	Sphingolipids	Sphingomyelin
SM(26:1)	txCR	0.0364	0.0419	189	0.869	0.3858975	Sphingolipids	Sphingomyelin
SM(26:1)	TP12M:txCR	-0.0414	0.0495	373	-0.836	0.4035162	Sphingolipids	Sphingomyelin
SM(26:1)	TP24M:txCR	-0.0362	0.0492	373	-0.735	0.4625606	Sphingolipids	Sphingomyelin
TAG51:3-FA16:0	(Intercept)	1.0860	0.0305	373	35.626	4.13E-122	Triacylglycerol	TAG Ester
TAG51:3-FA16:0	TP12M	-0.0116	0.0380	373	-0.306	0.7600876	Triacylglycerol	TAG Ester
TAG51:3-FA16:0	TP24M	-0.0254	0.0377	373	-0.674	0.5004393	Triacylglycerol	TAG Ester
TAG51:3-FA16:0	txCR	0.0175	0.0384	189	0.457	0.6482904	Triacylglycerol	TAG Ester
TAG51:3-FA16:0	TP12M:txCR	-0.1187	0.0478	373	-2.483	0.0134707	Triacylglycerol	TAG Ester
TAG51:3-FA16:0	TP24M:txCR	-0.1004	0.0475	373	-2.112	0.0353714	Triacylglycerol	TAG Ester

TAG51:3-FA18:1	(Intercept)	1.1228	0.0460	373	24.430	2.12E-79	Triacylglycerol	TAG Ester
TAG51:3-FA18:1	TP12M	-0.0362	0.0511	373	-0.709	0.4787512	Triacylglycerol	TAG Ester
TAG51:3-FA18:1	TP24M	-0.0323	0.0506	373	-0.638	0.5239782	Triacylglycerol	TAG Ester
TAG51:3-FA18:1	txCR	0.0308	0.0579	189	0.533	0.5947371	Triacylglycerol	TAG Ester
TAG51:3-FA18:1	TP12M:txCR	-0.1597	0.0642	373	-2.487	0.0133319	Triacylglycerol	TAG Ester
TAG51:3-FA18:1	TP24M:txCR	-0.1524	0.0638	373	-2.387	0.0174856	Triacylglycerol	TAG Ester
TAG51:4-FA16:0	(Intercept)	1.1013	0.0337	373	32.696	1.43E-111	Triacylglycerol	TAG Ester
TAG51:4-FA16:0	TP12M	-0.0026	0.0414	373	-0.063	0.9500349	Triacylglycerol	TAG Ester
TAG51:4-FA16:0	TP24M	-0.0178	0.0411	373	-0.433	0.6656241	Triacylglycerol	TAG Ester
TAG51:4-FA16:0	txCR	0.0215	0.0424	189	0.507	0.6126221	Triacylglycerol	TAG Ester
TAG51:4-FA16:0	TP12M:txCR	-0.1450	0.0521	373	-2.785	0.0056322	Triacylglycerol	TAG Ester
TAG51:4-FA16:0	TP24M:txCR	-0.1213	0.0518	373	-2.343	0.0196576	Triacylglycerol	TAG Ester
TAG53:3-FA18:0	(Intercept)	1.0029	0.0208	373	48.171	3.31E-162	Triacylglycerol	TAG Ester
TAG53:3-FA18:0	TP12M	0.0095	0.0289	373	0.329	0.7423048	Triacylglycerol	TAG Ester

TAG53:3-FA18:0	TP24M	0.0085	0.0287	373	0.296	0.7672249	Triacylglycerol	TAG Ester
TAG53:3-FA18:0	txCR	0.0344	0.0262	189	1.315	0.1901171	Triacylglycerol	TAG Ester
TAG53:3-FA18:0	TP12M:txCR	-0.0495	0.0363	373	-1.365	0.1732285	Triacylglycerol	TAG Ester
TAG53:3-FA18:0	TP24M:txCR	-0.0481	0.0361	373	-1.330	0.1842815	Triacylglycerol	TAG Ester
TAG53:4-FA18:0	(Intercept)	1.0054	0.0211	373	47.659	1.02E-160	Triacylglycerol	TAG Ester
TAG53:4-FA18:0	TP12M	0.0010	0.0294	373	0.034	0.9730686	Triacylglycerol	TAG Ester
TAG53:4-FA18:0	TP24M	-0.0036	0.0292	373	-0.123	0.9023522	Triacylglycerol	TAG Ester
TAG53:4-FA18:0	txCR	0.0342	0.0265	189	1.290	0.1986396	Triacylglycerol	TAG Ester
TAG53:4-FA18:0	TP12M:txCR	-0.0471	0.0370	373	-1.273	0.2037309	Triacylglycerol	TAG Ester
TAG53:4-FA18:0	TP24M:txCR	-0.0417	0.0368	373	-1.131	0.2585947	Triacylglycerol	TAG Ester
TAG53:4-FA18:1	(Intercept)	1.0320	0.0257	373	40.093	2.74E-137	Triacylglycerol	TAG Ester
TAG53:4-FA18:1	TP12M	-0.0088	0.0342	373	-0.256	0.7978997	Triacylglycerol	TAG Ester
TAG53:4-FA18:1	TP24M	-0.0040	0.0339	373	-0.117	0.9069095	Triacylglycerol	TAG Ester
TAG53:4-FA18:1	txCR	0.0307	0.0324	189	0.948	0.3440906	Triacylglycerol	TAG Ester

TAG53:4-FA18:1	TP12M:txCR	-0.0684	0.0430	373	-1.591	0.1124976	Triacylglycerol	TAG Ester
TAG53:4-FA18:1	TP24M:txCR	-0.0714	0.0428	373	-1.669	0.0959184	Triacylglycerol	TAG Ester
TAG53:5-FA18:1	(Intercept)	1.0081	0.0219	373	46.084	4.62E-156	Triacylglycerol	TAG Ester
TAG53:5-FA18:1	TP12M	0.0035	0.0301	373	0.115	0.9082123	Triacylglycerol	TAG Ester
TAG53:5-FA18:1	TP24M	0.0053	0.0299	373	0.178	0.859129	Triacylglycerol	TAG Ester
TAG53:5-FA18:1	txCR	0.0328	0.0275	189	1.192	0.2345676	Triacylglycerol	TAG Ester
TAG53:5-FA18:1	TP12M:txCR	-0.0503	0.0378	373	-1.328	0.1849334	Triacylglycerol	TAG Ester
TAG53:5-FA18:1	TP24M:txCR	-0.0524	0.0377	373	-1.391	0.1650474	Triacylglycerol	TAG Ester
TAG53:5-FA18:2	(Intercept)	1.0292	0.0273	373	37.711	2.52E-129	Triacylglycerol	TAG Ester
TAG53:5-FA18:2	TP12M	-0.0036	0.0363	373	-0.099	0.921547	Triacylglycerol	TAG Ester
TAG53:5-FA18:2	TP24M	-0.0030	0.0360	373	-0.083	0.9339687	Triacylglycerol	TAG Ester
TAG53:5-FA18:2	txCR	0.0383	0.0343	189	1.117	0.2655929	Triacylglycerol	TAG Ester
TAG53:5-FA18:2	TP12M:txCR	-0.0721	0.0456	373	-1.583	0.1143463	Triacylglycerol	TAG Ester
TAG53:5-FA18:2	TP24M:txCR	-0.0711	0.0454	373	-1.567	0.117995	Triacylglycerol	TAG Ester

TAG53:6-FA18:1	(Intercept)	1.0047	0.0212	373	47.337	8.93E-160	Triacylglycerol	TAG Ester
TAG53:6-FA18:1	TP12M	0.0095	0.0293	373	0.323	0.7468294	Triacylglycerol	TAG Ester
TAG53:6-FA18:1	TP24M	0.0058	0.0291	373	0.199	0.8423493	Triacylglycerol	TAG Ester
TAG53:6-FA18:1	txCR	0.0301	0.0267	189	1.128	0.2606734	Triacylglycerol	TAG Ester
TAG53:6-FA18:1	TP12M:txCR	-0.0446	0.0369	373	-1.209	0.2273928	Triacylglycerol	TAG Ester
TAG53:6-FA18:1	TP24M:txCR	-0.0457	0.0367	373	-1.244	0.2142157	Triacylglycerol	TAG Ester
TAG53:6-FA18:2	(Intercept)	1.0339	0.0290	373	35.710	2.10E-122	Triacylglycerol	TAG Ester
TAG53:6-FA18:2	TP12M	-0.0092	0.0373	373	-0.247	0.8052558	Triacylglycerol	TAG Ester
TAG53:6-FA18:2	TP24M	0.0045	0.0370	373	0.122	0.9032942	Triacylglycerol	TAG Ester
TAG53:6-FA18:2	txCR	0.0348	0.0364	189	0.954	0.341103	Triacylglycerol	TAG Ester
TAG53:6-FA18:2	TP12M:txCR	-0.0782	0.0469	373	-1.668	0.0961536	Triacylglycerol	TAG Ester
TAG53:6-FA18:2	TP24M:txCR	-0.0824	0.0466	373	-1.769	0.0777403	Triacylglycerol	TAG Ester
TAG53:6-FA18:3	(Intercept)	1.0213	0.0234	373	43.602	1.70E-148	Triacylglycerol	TAG Ester
TAG53:6-FA18:3	TP12M	0.0005	0.0318	373	0.015	0.9877131	Triacylglycerol	TAG Ester

TAG53:6-FA18:3	TP24M	0.0021	0.0315	373	0.066	0.947714	Triacylglycerol	TAG Ester
TAG53:6-FA18:3	txCR	0.0277	0.0295	189	0.940	0.3484791	Triacylglycerol	TAG Ester
TAG53:6-FA18:3	TP12M:txCR	-0.0571	0.0400	373	-1.430	0.153648	Triacylglycerol	TAG Ester
TAG53:6-FA18:3	TP24M:txCR	-0.0572	0.0398	373	-1.439	0.1510135	Triacylglycerol	TAG Ester
TAG53:7-FA18:3	(Intercept)	1.0354	0.0261	373	39.701	5.33E-136	Triacylglycerol	TAG Ester
TAG53:7-FA18:3	TP12M	-0.0051	0.0343	373	-0.150	0.881107	Triacylglycerol	TAG Ester
TAG53:7-FA18:3	TP24M	-0.0071	0.0340	373	-0.208	0.835712	Triacylglycerol	TAG Ester
TAG53:7-FA18:3	txCR	0.0222	0.0328	189	0.678	0.4987006	Triacylglycerol	TAG Ester
TAG53:7-FA18:3	TP12M:txCR	-0.0580	0.0431	373	-1.345	0.1794652	Triacylglycerol	TAG Ester
TAG53:7-FA18:3	TP24M:txCR	-0.0529	0.0429	373	-1.234	0.2178953	Triacylglycerol	TAG Ester
TAG55:6-FA18:1	(Intercept)	1.0231	0.0249	373	41.133	1.13E-140	Triacylglycerol	TAG Ester
TAG55:6-FA18:1	TP12M	0.0004	0.0335	373	0.013	0.9897314	Triacylglycerol	TAG Ester
TAG55:6-FA18:1	TP24M	0.0036	0.0332	373	0.107	0.9149747	Triacylglycerol	TAG Ester
TAG55:6-FA18:1	txCR	0.0249	0.0313	189	0.796	0.4268392	Triacylglycerol	TAG Ester

TAG55:6-FA18:1	TP12M:txCR	-0.0561	0.0421	373	-1.332	0.1836188	Triacylglycerol	TAG Ester
TAG55:6-FA18:1	TP24M:txCR	-0.0599	0.0419	373	-1.429	0.1537839	Triacylglycerol	TAG Ester
TAG55:6-FA20:3	(Intercept)	1.0034	0.0215	373	46.637	1.04E-157	Triacylglycerol	TAG Ester
TAG55:6-FA20:3	TP12M	0.0048	0.0297	373	0.162	0.8713126	Triacylglycerol	TAG Ester
TAG55:6-FA20:3	TP24M	0.0015	0.0295	373	0.052	0.9581758	Triacylglycerol	TAG Ester
TAG55:6-FA20:3	txCR	0.0324	0.0271	189	1.197	0.2327231	Triacylglycerol	TAG Ester
TAG55:6-FA20:3	TP12M:txCR	-0.0436	0.0374	373	-1.167	0.2440852	Triacylglycerol	TAG Ester
TAG55:6-FA20:3	TP24M:txCR	-0.0417	0.0372	373	-1.122	0.2626451	Triacylglycerol	TAG Ester
TAG55:7-FA18:1	(Intercept)	1.0711	0.0325	373	32.982	1.28E-112	Triacylglycerol	TAG Ester
TAG55:7-FA18:1	TP12M	-0.0019	0.0358	373	-0.053	0.9574923	Triacylglycerol	TAG Ester
TAG55:7-FA18:1	TP24M	-0.0131	0.0355	373	-0.369	0.7124622	Triacylglycerol	TAG Ester
TAG55:7-FA18:1	txCR	0.0104	0.0409	189	0.255	0.7992393	Triacylglycerol	TAG Ester
TAG55:7-FA18:1	TP12M:txCR	-0.0949	0.0450	373	-2.109	0.0355991	Triacylglycerol	TAG Ester
TAG55:7-FA18:1	TP24M:txCR	-0.0821	0.0447	373	-1.835	0.0672384	Triacylglycerol	TAG Ester

TAG55:7-FA20:3	(Intercept)	1.0085	0.0228	373	44.284	1.33E-150	Triacylglycerol	TAG Ester
TAG55:7-FA20:3	TP12M	0.0054	0.0317	373	0.169	0.865912	Triacylglycerol	TAG Ester
TAG55:7-FA20:3	TP24M	-0.0009	0.0315	373	-0.029	0.9771672	Triacylglycerol	TAG Ester
TAG55:7-FA20:3	txCR	0.0317	0.0287	189	1.106	0.2702919	Triacylglycerol	TAG Ester
TAG55:7-FA20:3	TP12M:txCR	-0.0508	0.0399	373	-1.275	0.2030949	Triacylglycerol	TAG Ester
TAG55:7-FA20:3	TP24M:txCR	-0.0477	0.0397	373	-1.201	0.230354	Triacylglycerol	TAG Ester
TAG55:7-FA20:4	(Intercept)	1.0109	0.0216	373	46.851	2.41E-158	Triacylglycerol	TAG Ester
TAG55:7-FA20:4	TP12M	-0.0025	0.0300	373	-0.082	0.9344504	Triacylglycerol	TAG Ester
TAG55:7-FA20:4	TP24M	-0.0001	0.0298	373	-0.004	0.9970978	Triacylglycerol	TAG Ester
TAG55:7-FA20:4	txCR	0.0254	0.0272	189	0.935	0.3510027	Triacylglycerol	TAG Ester
TAG55:7-FA20:4	TP12M:txCR	-0.0374	0.0377	373	-0.991	0.3225718	Triacylglycerol	TAG Ester
TAG55:7-FA20:4	TP24M:txCR	-0.0438	0.0376	373	-1.165	0.244777	Triacylglycerol	TAG Ester
TAG55:8-FA20:4	(Intercept)	1.0121	0.0221	373	45.729	5.37E-155	Triacylglycerol	TAG Ester
TAG55:8-FA20:4	TP12M	0.0018	0.0304	373	0.059	0.9526747	Triacylglycerol	TAG Ester

TAG55:8-FA20:4	TP24M	0.0087	0.0302	373	0.289	0.7724312	Triacylglycerol	TAG Ester
TAG55:8-FA20:4	txCR	0.0276	0.0279	189	0.993	0.3222172	Triacylglycerol	TAG Ester
TAG55:8-FA20:4	TP12M:txCR	-0.0478	0.0382	373	-1.250	0.2119047	Triacylglycerol	TAG Ester
TAG55:8-FA20:4	TP24M:txCR	-0.0621	0.0381	373	-1.630	0.1038888	Triacylglycerol	TAG Ester
TAG57:9-FA22:6	(Intercept)	1.0093	0.0218	373	46.240	1.58E-156	Triacylglycerol	TAG Ester
TAG57:9-FA22:6	TP12M	0.0039	0.0301	373	0.129	0.8977244	Triacylglycerol	TAG Ester
TAG57:9-FA22:6	TP24M	0.0020	0.0298	373	0.066	0.947344	Triacylglycerol	TAG Ester
TAG57:9-FA22:6	txCR	0.0257	0.0275	189	0.935	0.3509514	Triacylglycerol	TAG Ester
TAG57:9-FA22:6	TP12M:txCR	-0.0371	0.0378	373	-0.982	0.3266684	Triacylglycerol	TAG Ester
TAG57:9-FA22:6	TP24M:txCR	-0.0408	0.0376	373	-1.085	0.2787628	Triacylglycerol	TAG Ester
Total CE	(Intercept)	1.0633	0.0335	373	31.752	4.46E-108	Neutral Complex Lipids SUM	Cholesteryl Esters
Total CE	TP12M	-0.0367	0.0384	373	-0.957	0.339273	Neutral Complex Lipids SUM	Cholesteryl Esters
Total CE	TP24M	-0.0084	0.0380	373	-0.220	0.8257982	Neutral Complex Lipids SUM	Cholesteryl Esters

Total CE	txCR	0.0053	0.0422	189	0.126	0.8998707	Neutral Complex Lipids SUM	Cholesteryl Esters
Total CE	TP12M:txCR	-0.1062	0.0482	373	-2.201	0.0283703	Neutral Complex Lipids SUM	Cholesteryl Esters
Total CE	TP24M:txCR	-0.1039	0.0480	373	-2.167	0.0308745	Neutral Complex Lipids SUM	Cholesteryl Esters
Total CER	(Intercept)	1.0991	0.0434	373	25.350	3.82E-83	Sphingolipid SUM	Ceramides
Total CER	TP12M	-0.0319	0.0477	373	-0.668	0.5044737	Sphingolipid SUM	Ceramides
Total CER	TP24M	-0.0059	0.0472	373	-0.126	0.9001253	Sphingolipid SUM	Ceramides
Total CER	txCR	-0.0090	0.0546	189	-0.165	0.8690281	Sphingolipid SUM	Ceramides
Total CER	TP12M:txCR	-0.1485	0.0599	373	-2.479	0.0136287	Sphingolipid SUM	Ceramides
Total CER	TP24M:txCR	-0.1469	0.0596	373	-2.466	0.0141258	Sphingolipid SUM	Ceramides
Total DCER	(Intercept)	1.0760	0.0340	373	31.609	1.53E-107	Sphingolipid SUM	Dihydroceramides
Total DCER	TP12M	-0.0257	0.0409	373	-0.629	0.5298337	Sphingolipid SUM	Dihydroceramides
Total DCER	TP24M	0.0052	0.0406	373	0.128	0.8982893	Sphingolipid SUM	Dihydroceramides
Total DCER	txCR	-0.0122	0.0428	189	-0.284	0.7764298	Sphingolipid SUM	Dihydroceramides

Total DCER	TP12M:txCR	-0.1072	0.0514	373	-2.084	0.0378599	Sphingolipid SUM	Dihydroceramides
Total DCER	TP24M:txCR	-0.1109	0.0512	373	-2.168	0.0307693	Sphingolipid SUM	Dihydroceramides
Total HCER	(Intercept)	1.0464	0.0369	373	28.336	4.95E-95	Sphingolipid SUM	Hexosylceramides
Total HCER	TP12M	-0.0144	0.0380	373	-0.380	0.7039152	Sphingolipid SUM	Hexosylceramides
Total HCER	TP24M	0.0091	0.0376	373	0.241	0.8095024	Sphingolipid SUM	Hexosylceramides
Total HCER	txCR	-0.0192	0.0465	189	-0.414	0.6795724	Sphingolipid SUM	Hexosylceramides
Total HCER	TP12M:txCR	-0.0394	0.0477	373	-0.825	0.4097656	Sphingolipid SUM	Hexosylceramides
Total HCER	TP24M:txCR	-0.0487	0.0474	373	-1.026	0.3054594	Sphingolipid SUM	Hexosylceramides
Total LCER	(Intercept)	0.9772	0.0261	373	37.389	3.18E-128	Sphingolipid SUM	Lactosylceramides
Total LCER	TP12M	0.0106	0.0256	373	0.413	0.6800166	Sphingolipid SUM	Lactosylceramides
Total LCER	TP24M	0.0145	0.0254	373	0.570	0.5689788	Sphingolipid SUM	Lactosylceramides
Total LCER	txCR	0.0195	0.0329	189	0.591	0.5550384	Sphingolipid SUM	Lactosylceramides
Total LCER	TP12M:txCR	0.0100	0.0322	373	0.312	0.7552387	Sphingolipid SUM	Lactosylceramides
Total LCER	TP24M:txCR	0.0013	0.0320	373	0.041	0.9671679	Sphingolipid SUM	Lactosylceramides

Total PC	(Intercept)	1.0401	0.0301	373	34.549	2.73E-118	Phospholipid SUM	Phosphatidylcholines
Total PC	TP12M	-0.0237	0.0339	373	-0.700	0.4845496	Phospholipid SUM	Phosphatidylcholines
Total PC	TP24M	-0.0136	0.0336	373	-0.405	0.685897	Phospholipid SUM	Phosphatidylcholines
Total PC	txCR	0.0199	0.0379	189	0.526	0.5996047	Phospholipid SUM	Phosphatidylcholines
Total PC	TP12M:txCR	-0.0907	0.0426	373	-2.127	0.0341173	Phospholipid SUM	Phosphatidylcholines
Total PC	TP24M:txCR	-0.0723	0.0424	373	-1.706	0.0889303	Phospholipid SUM	Phosphatidylcholines
Total SM	(Intercept)	1.0342	0.0307	373	33.737	2.27E-115	Sphingolipid SUM	Sphingomyelins
Total SM	TP12M	-0.0215	0.0373	373	-0.574	0.5660712	Sphingolipid SUM	Sphingomyelins
Total SM	TP24M	-0.0098	0.0370	373	-0.264	0.7921956	Sphingolipid SUM	Sphingomyelins
Total SM	txCR	0.0054	0.0386	189	0.139	0.8894812	Sphingolipid SUM	Sphingomyelins
Total SM	TP12M:txCR	-0.0822	0.0469	373	-1.751	0.0807042	Sphingolipid SUM	Sphingomyelins

Total SM	TP24M:txCR	-0.0713	0.0467	373	-1.527	0.1276822	Sphingolipid SUM	Sphingomyelins

Table S8: Module–trait relationships between gene co-expression modules and 12-month changes in clinical parameters

Module	Clinical	Correlation	P_value
MEyellow	delta_tg_12M	0.619149077	6.12E-14
MEpurple	delta_tg_12M	0.603060247	3.94E-13
MEgreen	delta_tg_12M	0.584137187	3.09E-12
MEblack	delta_tg_12M	0.556417079	5.02E-11
MEgreenyellow	delta_tg_12M	0.553909743	6.39E-11
MEmagenta	delta_tg_12M	0.519145431	1.46E-09
MEbrown	delta_tg_12M	0.517414047	1.69E-09
MEgrey	delta_tg_12M	0.49406285	1.13E-08
MEred	delta_tg_12M	0.433770288	8.30E-07
MEmagenta	delta_Matsuda_Index_12M	-0.390224553	1.15E-05
MEyellow	delta_chol_12M	0.372167469	3.08E-05
MEyellow	delta_Matsuda_Index_12M	-0.348640494	0.000102026
MEpurple	delta_Matsuda_Index_12M	-0.345999479	0.000116053
MEyellow	delta_ffm_12M	0.339610953	0.000157741
MEturquoise	delta_tg_12M	0.339437488	0.000159047
MEmagenta	delta_auci_12M	0.3390288	0.000162162
MEmagenta	delta_ffm_12M	0.337143841	0.000177278
MEpink	delta_tg_12M	0.336226674	0.000185097
MEgreen	delta_chol_12M	0.33126078	0.000233281
MEbrown	delta_ffm_12M	0.327306202	0.000279697
MEbrown	delta_Matsuda_Index_12M	-0.325232219	0.000307324
MEgreen	delta_ins_12M	0.324817387	0.000313144
MEyellow	delta_ins_12M	0.320164064	0.000385784
MEpurple	delta_chol_12M	0.317646815	0.000431274
MEpurple	delta_ffm_12M	0.31643002	0.000454991
MEmagenta	delta_chol_12M	0.31499674	0.000484466
MEturquoise	delta_Matsuda_Index_12M	-0.312509733	0.000539815
MEgrey	delta_igfbp1_12M	0.312117088	0.000549067
MEbrown	delta_chol_12M	0.309935042	0.000603192
MEpink	delta_leu_12M	0.305629685	0.00072462
MEpink	delta_val_12M	0.30557769	0.000726214
MEgreen	delta_homa_12M	0.304692947	0.000753846
MEpurple	delta_val_12M	0.30392663	0.000778553
MEyellow	delta_auci_12M	0.300988141	0.000880332
MEyellow	delta_homa_12M	0.300825372	0.00088631
MEpurple	delta_leu_12M	0.299627495	0.000931465
MEgrey	delta_chol_12M	0.297440269	0.001019379
MEbrown	delta_auci_12M	0.294781059	0.001136447
MEpurple	delta_auci_12M	0.2932627	0.001208669
MEblack	delta_ffm_12M	0.292969751	0.001223076

MEagenta	delta_val_12M	0.291764563	0.001284007
MEblack	delta_chol_12M	0.291151956	0.001316028
MEgreenyellow	delta_chol_12M	0.289555631	0.001402913
MEgreenyellow	delta_ins_12M	0.285949083	0.001618743
MEagenta	delta_leu_12M	0.285605996	0.001640771
MEblue	delta_Matsuda_Index_12M	-0.285165487	0.001669453
MEturquoise	delta_val_12M	0.282775944	0.001833125
MEturquoise	delta_leu_12M	0.28255817	0.001848742
MEturquoise	delta_ffm_12M	0.279445299	0.002085561
MEpink	delta_ile_12M	0.279066517	0.002116178
MEgreenyellow	delta_homa_12M	0.27847863	0.002164503
MEblue	delta_val_12M	0.277357636	0.002259427
MEblue	delta_leu_12M	0.27651278	0.002333439
MEblack	delta_ins_12M	0.275879251	0.002390368
MEpink	delta_cys_12M	0.274213906	0.002546051
MEpink	delta_ffm_12M	0.267468996	0.003274517
MEturquoise	delta_auci_12M	0.262551076	0.003918506
MEpink	delta_met_12M	0.262165519	0.0039735
MEgreen	delta_ffm_12M	0.260073049	0.004284198
MEpink	delta_lys_12M	0.259355576	0.004395634
MEblack	delta_homa_12M	0.258427239	0.004543667
MEpurple	delta_met_12M	0.2572763	0.004733374
MEbrown	delta_ins_12M	0.255630285	0.005016984
MEagenta	delta_met_12M	0.254395947	0.005239511
MEpurple	delta_ile_12M	0.253892516	0.005332769
MEpurple	delta_ins_12M	0.25335415	0.005434132
MEgreenyellow	delta_ffm_12M	0.251869496	0.005722615
MEred	delta_ins_12M	0.250883946	0.005921569
MEblue	delta_ffm_12M	0.247613989	0.006626481
MEblue	delta_met_12M	0.247086895	0.006746824
MEpurple	delta_cys_12M	0.245306987	0.007167657
MEagenta	delta_ins_12M	0.245038144	0.007233203
MEblue	delta_ile_12M	0.244384301	0.007394836
MEturquoise	delta_met_12M	0.244238266	0.00743137
MEblack	delta_Matsuda_Index_12M	-0.244155443	0.007452161
MEturquoise	delta_ile_12M	0.24395489	0.00750272
MEagenta	delta_ile_12M	0.243071987	0.007728924
MEgreen	delta_Matsuda_Index_12M	-0.239094133	0.008824596
MEred	delta_homa_12M	0.238996073	0.008853254
MEred	delta_chol_12M	0.238745504	0.008926856
MEgrey	delta_ins_12M	0.2384202	0.009023214
MEbrown	delta_val_12M	0.236559789	0.009592099
MEpurple	delta_lys_12M	0.236111322	0.009733866
MEbrown	delta_leu_12M	0.234609895	0.010221997
MEturquoise	delta_chol_12M	0.234003126	0.010425287

MEagenta	delta_lys_12M	0.22893507	0.012266611
MEturquoise	delta_lys_12M	0.226825019	0.013113429
MEblue	delta_auci_12M	0.226727563	0.013153744
MEbrown	delta_homa_12M	0.225462391	0.013687017
MEturquoise	delta_cys_12M	0.223689211	0.014466096
MEpurple	delta_homa_12M	0.223597533	0.014507405
MEblue	delta_lys_12M	0.221778218	0.015348671
MEyellow	delta_weight_12M	0.22025483	0.016085392
MEblue	delta_chol_12M	0.218977403	0.016726625
MEagenta	delta_homa_12M	0.21701218	0.017756354
MEgrey	delta_Matsuda_Index_12M	-0.215797352	0.01841995
MEblack	delta_auci_12M	0.214493841	0.019155713
MEyellow	delta_val_12M	0.212530226	0.0203119
MEbrown	delta_cys_12M	0.208846802	0.022643375
MEgreenyellow	delta_Matsuda_Index_12M	-0.20799488	0.023214175
MEyellow	delta_leu_12M	0.203392168	0.026515907
MEgrey	delta_homa_12M	0.201937366	0.027639465
MEblue	delta_cys_12M	0.19731166	0.031484966
MEgreen	delta_weight_12M	0.196190602	0.032482312
MEgrey	delta_il8_12M	0.196114438	0.03255103
MEbrown	delta_ile_12M	0.196080157	0.032582
MEagenta	delta_cys_12M	0.193141564	0.035330918
MEgrey	delta_auci_12M	0.192012359	0.036437979
MEyellow	delta_cpes_12M	0.191958872	0.036491133
MEgreenyellow	delta_auci_12M	0.19155434	0.036895261
MEbrown	delta_met_12M	0.189759963	0.038733485
MEgreenyellow	delta_crp_12M	-0.187358295	0.041313508
MEpurple	delta_weight_12M	0.186338455	0.042451747
MEbrown	delta_weight_12M	0.186235969	0.042567565
MEblack	delta_cpes_12M	0.185922441	0.042923518
MEpink	delta_chol_12M	0.185077541	0.043895129
MEbrown	delta_cpes_12M	0.17979224	0.050397543
MEgreenyellow	delta_cpes_12M	0.177714592	0.053162914
MEagenta	delta_weight_12M	0.175978566	0.055568468
MEblack	delta_hdl_12M	-0.175307595	0.056521881
MEblack	delta_weight_12M	0.174667465	0.057443958
MEpink	delta_hdl_12M	-0.174003269	0.058413717
MEbrown	delta_lys_12M	0.172991891	0.059916125
MEturquoise	delta_ins_12M	0.172081971	0.06129471
MEgrey	delta_weight_12M	0.172077616	0.061301369
MEyellow	delta_met_12M	0.171241881	0.062590415
MEgreenyellow	delta_weight_12M	0.170398222	0.063914039
MEpurple	delta_igfbp1_12M	0.169027624	0.066112961
MEgreen	delta_auci_12M	0.16764078	0.068400183
MEyellow	delta_ile_12M	0.165147329	0.072673706

MEblack	delta_val_12M	0.163838273	0.075002193
MEpink	delta_Matsuda_Index_12M	-0.161401918	0.079495774
MEblack	delta_leu_12M	0.16039607	0.081412855
MEmagenta	delta_cpes_12M	0.160062199	0.082057317
MEbrown	delta_hdl_12M	-0.159450348	0.083248951
MEred	delta_crp_12M	-0.157110857	0.087933447
MEgreenyellow	delta_hdl_12M	-0.15614109	0.089935766
MEblack	delta_cys_12M	0.156004265	0.090221167
MEpurple	delta_hdl_12M	-0.155850623	0.090542503
MEpurple	delta_cpes_12M	0.153954201	0.094584093
MEblack	delta_crp_12M	-0.153227459	0.096170214
MEgreen	delta_cpes_12M	0.15055837	0.102176477
MEyellow	delta_cys_12M	0.150118554	0.103193882
MEyellow	delta_hdl_12M	-0.149848648	0.103822167
MEred	delta_tnfa_12M	0.149692496	0.104187026
MEred	delta_Matsuda_Index_12M	-0.148373527	0.107309118
MEgreen	delta_igfbp1_12M	0.146497266	0.111875823
MEyellow	delta_lys_12M	0.145169717	0.115197399
MEmagenta	delta_hdl_12M	-0.141307232	0.125297609
MEgrey	delta_val_12M	0.140639755	0.127110051
MEgrey	delta_ffm_12M	0.140500759	0.127489997
MEgrey	delta_cys_12M	0.136778395	0.137992745
MEred	delta_ffm_12M	0.136153986	0.139817218
MEturquoise	delta_homa_12M	0.135967594	0.140365376
MEgreenyellow	delta_igf_12M	0.13483934	0.143718332
MEgrey	delta_leu_12M	0.133996522	0.146262331
MEgreen	delta_hdl_12M	-0.132823947	0.149858071
MEgreen	delta_val_12M	0.130202714	0.158136309
MEpurple	delta_il8_12M	0.125600636	0.173489841
MEblack	delta_ile_12M	0.125556796	0.173641207
MEred	delta_igfbp1_12M	0.122024553	0.186159354
MEgreen	delta_leu_12M	0.121652855	0.18751397
MEblack	delta_met_12M	0.12156878	0.187821367
MEturquoise	delta_cpes_12M	0.121428848	0.188333804
MEpink	delta_ins_12M	0.121062813	0.189679048
MEgreenyellow	delta_cys_12M	0.118440151	0.199522702
MEred	delta_igf_12M	0.115813367	0.209745839
MEgreenyellow	delta_val_12M	0.115529973	0.210870749
MEblue	delta_tg_12M	0.112263861	0.224147104
MEgreenyellow	delta_leu_12M	0.111208293	0.228561346
MEgreen	delta_cys_12M	0.110665622	0.230854352
MEblack	delta_lys_12M	0.110472491	0.231674291
MEgreen	delta_crp_12M	-0.109960554	0.23385759
MEpink	delta_weight_12M	0.109890495	0.234157491
MEblack	delta_igf_12M	0.108783274	0.23893293

MEgrey	delta_met_12M	0.107160505	0.246053786
MEred	delta_weight_12M	0.106987717	0.246820554
MEred	delta_auci_12M	0.105249947	0.254624059
MEred	delta_cpes_12M	0.103421364	0.263016499
MEturquoise	delta_il8_12M	0.102720908	0.266280679
MEblue	delta_ins_12M	0.102321139	0.268155913
MEgrey	delta_ile_12M	0.10159105	0.271603682
MEmagenta	delta_il8_12M	0.101319203	0.272895071
MEblue	delta_il8_12M	0.099510066	0.28159479
MEgrey	delta_fm_12M	0.098822766	0.28494801
MEpink	delta_cpes_12M	0.098778833	0.285163257
MEgrey	delta_sbp_12M	0.098520553	0.286430865
MEgreenyellow	delta_tnfa_12M	0.098096983	0.288517817
MEyellow	delta_il8_12M	0.096934312	0.294298247
MEgreen	delta_met_12M	0.096719016	0.295376979
MEpurple	delta_ahmw_12M	0.096675371	0.295595982
MEgreen	delta_ile_12M	0.096547334	0.296239058
MEgreenyellow	delta_igfbp1_12M	0.096309037	0.29743839
MEyellow	delta_igf_12M	0.096274895	0.297610485
MEred	delta_il8_12M	0.094689325	0.305675059
MEgrey	delta_ahmw_12M	0.094588045	0.306195007
MEgreen	delta_igf_12M	0.094566875	0.306303762
MEred	delta_mcp_12M	0.093723893	0.310654888
MEgreen	delta_il8_12M	0.093388349	0.312397977
MEgreen	delta_tnfa_12M	0.091432032	0.322687067
MEmagenta	delta_leptin_12M	-0.090624402	0.326997633
MEpink	delta_auci_12M	0.088974859	0.335915867
MEbrown	delta_il8_12M	0.088796622	0.33688867
MEturquoise	delta_hdl_12M	-0.088052492	0.340969357
MEblue	delta_tnfa_12M	0.08667811	0.348588002
MEturquoise	delta_weight_12M	0.08613739	0.351614425
MEgrey	delta_lys_12M	0.085996692	0.352404601
MEpink	delta_il8_12M	0.085645865	0.354379711
MEbrown	delta_crp_12M	-0.083779065	0.365005271
MEblack	delta_igfbp1_12M	0.083619615	0.365921853
MEred	delta_hdl_12M	-0.082665309	0.371437167
MEgreenyellow	delta_ile_12M	0.081360205	0.37906179
MEgreenyellow	delta_met_12M	0.081212102	0.379932996
MEblack	delta_tnfa_12M	0.080648653	0.383258538
MEyellow	delta_igfbp1_12M	0.078233194	0.39771318
MEgreenyellow	delta_mcp_12M	0.077009416	0.405158681
MEmagenta	delta_igf_12M	0.074825825	0.418646175
MEblue	delta_leptin_12M	-0.074322573	0.421791212
MEgreen	delta_lys_12M	0.073989392	0.423880908
MEpink	delta_homa_12M	0.073160766	0.429103856

MEgreenyellow	delta_lys_12M	0.071615153	0.438944109
MEblue	delta_fm_12M	-0.071541456	0.439416479
MEgrey	delta_leptin_12M	0.070361752	0.447017069
MEbrown	delta_igfbp1_12M	0.06890569	0.456499139
MEbrown	delta_igf_12M	0.066034615	0.475518854
MEturquoise	delta_tnfa_12M	0.065155878	0.481424716
MEyellow	delta_leptin_12M	-0.064821019	0.483685582
MEbrown	delta_tnfa_12M	0.063059169	0.495674161
MEyellow	delta_tnfa_12M	0.062972662	0.496266804
MEred	delta_sbp_12M	0.062538285	0.499248281
MEyellow	delta_crp_12M	-0.061748185	0.504695358
MEgreen	delta_mcp_12M	0.060669252	0.512183341
MEred	delta_val_12M	0.058044274	0.530637109
MEpink	delta_igfbp1_12M	0.057326711	0.535738968
MEblack	delta_mcp_12M	0.056863631	0.53904436
MEblack	delta_il8_12M	0.056121308	0.544363908
MEgreen	delta_fm_12M	0.053636239	0.562357338
MEgrey	delta_mcp_12M	0.052456039	0.571000874
MEgrey	delta_igf_12M	-0.051413512	0.57868766
MEturquoise	delta_fm_12M	-0.051390324	0.578859177
MEblue	delta_homa_12M	0.051293892	0.579572704
MEred	delta_cys_12M	0.05121073	0.580188377
MEgreenyellow	delta_il8_12M	0.050971849	0.581958549
MEred	delta_leu_12M	0.050626417	0.584522697
MEturquoise	delta_leptin_12M	-0.049169733	0.595392308
MEpurple	delta_leptin_12M	-0.047822582	0.60552485
MEturquoise	delta_igf_12M	0.045594245	0.622450213
MEblue	delta_cpes_12M	0.045498133	0.623184772
MEpink	delta_tnfa_12M	0.04521681	0.625336971
MEpurple	delta_sbp_12M	0.044656656	0.629631687
MEmagenta	delta_ahmw_12M	0.044022634	0.634507707
MEyellow	delta_mcp_12M	0.043615766	0.637645063
MEgreenyellow	delta_sbp_12M	0.042727733	0.644514905
MEyellow	delta_fm_12M	0.042583938	0.645630148
MEred	delta_met_12M	0.042492904	0.646336592
MEturquoise	delta_ahmw_12M	0.041587313	0.653381289
MEpink	delta_fm_12M	-0.040348829	0.663065076
MEred	delta_ile_12M	0.038078122	0.680964056
MEgreen	delta_sbp_12M	0.037800991	0.683161007
MEpurple	delta_igf_12M	0.036215183	0.695782946
MEbrown	delta_mcp_12M	0.03519818	0.703921866
MEblue	delta_hdl_12M	0.034346937	0.710760116
MEmagenta	delta_tnfa_12M	0.034342521	0.710795649
MEgrey	delta_tnfa_12M	0.033802886	0.715142721
MEpink	delta_leptin_12M	0.032866889	0.722704307

MEred	delta_leptin_12M	0.032779918	0.723408296
MEblue	delta_weight_12M	0.032372195	0.726711647
MEred	delta_lys_12M	0.032245932	0.727735646
MEturquoise	delta_igfbp1_12M	0.032000525	0.729727289
MEgrey	delta_hdl_12M	-0.03196711	0.72999861
MEpink	delta_crp_12M	-0.031487281	0.7338984
MEmagenta	delta_igfbp1_12M	0.030802139	0.73947861
MEpurple	delta_fm_12M	0.030772865	0.73971734
MEpink	delta_mcp_12M	-0.028415347	0.759022315
MEturquoise	delta_crp_12M	-0.027320685	0.768037642
MEpink	delta_igf_12M	0.027112278	0.769757582
MEgreenyellow	delta_leptin_12M	0.02660302	0.773965068
MEyellow	delta_sbp_12M	0.026190478	0.777378305
MEpurple	delta_crp_12M	0.024720075	0.789578054
MEblack	delta_sbp_12M	0.024248491	0.793501691
MEgreenyellow	delta_fm_12M	0.023893251	0.796460755
MEyellow	delta_ahmw_12M	0.023123896	0.802879137
MEturquoise	delta_mcp_12M	0.022425603	0.80871609
MEblue	delta_ahmw_12M	0.020620189	0.823855351
MEpink	delta_sbp_12M	-0.020470766	0.825111322
MEpurple	delta_mcp_12M	0.018909538	0.838260029
MEmagenta	delta_sbp_12M	0.018316243	0.843268692
MEbrown	delta_fm_12M	0.018282131	0.843556869
MEblue	delta_mcp_12M	0.018271636	0.843645528
MEmagenta	delta_mcp_12M	0.017722139	0.84829047
MEbrown	delta_leptin_12M	-0.017528073	0.849932181
MEblue	delta_igfbp1_12M	0.017458248	0.850523022
MEblue	delta_sbp_12M	-0.017095344	0.853595164
MEblack	delta_fm_12M	0.015164855	0.86997339
MEblue	delta_igf_12M	0.014724894	0.873713985
MEmagenta	delta_crp_12M	-0.013712215	0.882334356
MEgreen	delta_leptin_12M	-0.012708826	0.890889231
MEbrown	delta_sbp_12M	0.012462609	0.892990431
MEbrown	delta_ahmw_12M	0.011205542	0.903729402
MEgreen	delta_ahmw_12M	-0.010903276	0.906314298
MEgreenyellow	delta_ahmw_12M	-0.010075883	0.913394852
MEturquoise	delta_sbp_12M	-0.009815266	0.915626567
MEgrey	delta_crp_12M	-0.007500951	0.935471255
MEblack	delta_ahmw_12M	-0.007289656	0.937285224
MEgrey	delta_cpes_12M	0.00682423	0.941282016
MEblack	delta_leptin_12M	0.00630763	0.945719958
MEpink	delta_ahmw_12M	0.002397184	0.979357674
MEred	delta_fm_12M	0.001923428	0.983436579
MEpurple	delta_tnfa_12M	0.001670564	0.985613836
MEred	delta_ahmw_12M	-0.00153202	0.986806804

MEagenta	delta_fm_12M	0.000933948	0.991956959
MEblue	delta_crp_12M	0.00040277	0.996531352

Table S9: Module–trait relationships between gene co-expression modules and 24-month changes in clinical parameters

Module	Clinical	Correlation	P_value
MEpink	delta_tg_24M	0.515852474	1.93E-09
MEgreenyellow	delta_tg_24M	0.503030939	5.53E-09
MEblack	delta_tg_24M	0.48300492	2.65E-08
MEsalmon	delta_tg_24M	0.426383089	1.33E-06
MERed	delta_tg_24M	0.4156789	2.59E-06
MEtan	delta_tg_24M	0.409737669	3.70E-06
MEblue	delta_tg_24M	0.387117893	1.37E-05
MEgrey	delta_tg_24M	0.336448228	0.000183179
MEpurple	delta_tg_24M	0.330734098	0.000239021
MEyellow	delta_val_24M	0.296157155	0.001074416
MEyellow	delta_leu_24M	0.294690797	0.001140628
MEpink	delta_chol_24M	0.291011403	0.001323476
MEyellow	delta_met_24M	0.287561668	0.001518762
MEyellow	delta_ile_24M	0.285041494	0.001677608
MEblack	delta_chol_24M	0.280194997	0.002026142
MEgreenyellow	delta_leu_24M	0.280180982	0.002027239
MEgreenyellow	delta_val_24M	0.27447647	0.002520913
MEyellow	delta_lys_24M	0.272717756	0.00269366
MEsalmon	delta_ffm_24M	0.267496388	0.003271214
MEyellow	delta_chol_24M	0.266445939	0.003400053
MEsalmon	delta_weight_24M	0.264552474	0.003643855
MEpink	delta_weight_24M	0.264118342	0.003701918
MEpink	delta_ffm_24M	0.259979113	0.004298643
MEgrey	delta_igfbp1_24M	0.259167719	0.004425237
MEgreenyellow	delta_weight_24M	0.258164947	0.004586291
MEgreenyellow	delta_met_24M	0.254958597	0.005137007
MEgreenyellow	delta_ile_24M	0.254788301	0.005167841
MEbrown	delta_leu_24M	0.254739468	0.005176714
MEturquoise	delta_leu_24M	0.254519521	0.005216843
MEyellow	delta_cys_24M	0.253521262	0.005402486
MEbrown	delta_val_24M	0.252396638	0.005618662
MEturquoise	delta_val_24M	0.252165027	0.005664127
MEgrey	delta_chol_24M	0.248857029	0.00635019
MEblack	delta_homa_24M	0.246548195	0.006871817
MERed	delta_cpes_24M	0.245135124	0.007209498
MEturquoise	delta_met_24M	0.244062733	0.007475495
MEbrown	delta_met_24M	0.24373783	0.007557782
MEblack	delta_ins_24M	0.243169631	0.007703614
MEturquoise	delta_tg_24M	0.242708463	0.007823801
MEbrown	delta_ile_24M	0.242002276	0.008011057

MEgreenyellow	delta_lys_24M	0.241878953	0.008044161
MEgreen	delta_leu_24M	0.241550091	0.008133031
MEbrown	delta_cys_24M	0.240496	0.008423756
MEblue	delta_ffm_24M	0.239553817	0.008691342
MEturquoise	delta_ile_24M	0.237651234	0.009254643
MEgreenyellow	delta_cys_24M	0.237124717	0.009416105
MEmagenta	delta_tg_24M	0.237076219	0.009431101
MEtan	delta_chol_24M	0.236799246	0.00951715
MEpink	delta_ins_24M	0.23638478	0.009647204
MEgreen	delta_val_24M	0.235814302	0.009828771
MEgreen	delta_cys_24M	0.234727553	0.010182983
MEturquoise	delta_cys_24M	0.233667887	0.010539121
MEturquoise	delta_lys_24M	0.232297413	0.011015905
MEpink	delta_cpes_24M	0.231247295	0.011393937
MEbrown	delta_lys_24M	0.231042663	0.011468912
MEpink	delta_homa_24M	0.230737902	0.011581373
MEgrey	delta_leptin_24M	0.230579243	0.011640303
MEsalmon	delta_chol_24M	0.230448129	0.011689199
MEgreen	delta_lys_24M	0.229975845	0.011866822
MEblue	delta_weight_24M	0.22991338	0.011890491
MEgreen	delta_ile_24M	0.229805997	0.011931276
MEtan	delta_homa_24M	0.22586798	0.013514044
MEgreen	delta_met_24M	0.225791227	0.01354663
MEgreenyellow	delta_chol_24M	0.224127451	0.01427004
MEsalmon	delta_val_24M	0.224100218	0.014282156
MEred	delta_ffm_24M	0.224099108	0.014282649
MEsalmon	delta_leu_24M	0.22277301	0.014883565
MEred	delta_chol_24M	0.222602081	0.014962598
MEblue	delta_chol_24M	0.220325852	0.016050376
MEgreenyellow	delta_ffm_24M	0.219121896	0.016653
MEtan	delta_ins_24M	0.218538083	0.016952214
MEblack	delta_cpes_24M	0.217922096	0.017272956
MEred	delta_ins_24M	0.217504408	0.017493422
MEsalmon	delta_met_24M	0.216424429	0.018074783
MEred	delta_homa_24M	0.21064558	0.021477609
MEblack	delta_ffm_24M	0.209205472	0.022406687
MEred	delta_weight_24M	0.206329756	0.024365501
MEblack	delta_weight_24M	0.206153929	0.024489878
MEred	delta_hdl_24M	-0.205718634	0.024800137
MEgreen	delta_hdl_24M	-0.20457709	0.025629783
MEgreenyellow	delta_cpes_24M	0.203817029	0.026195223
MEpurple	delta_homa_24M	0.20183833	0.027717403
MEsalmon	delta_ile_24M	0.201758533	0.027780336
MEsalmon	delta_lys_24M	0.201723698	0.027807848
MEpurple	delta_cpes_24M	0.199769692	0.029388633

MEsalmon	delta_cys_24M	0.199532358	0.029585734
MEblue	delta_cpes_24M	0.19549481	0.033114658
MEpurple	delta_chol_24M	0.194364407	0.034164148
MEpink	delta_hdl_24M	-0.192464987	0.035990772
MEmagenta	delta_hdl_24M	-0.191801724	0.036647679
MEturquoise	delta_ffm_24M	0.191672837	0.036776494
MEsalmon	delta_cpes_24M	0.191191274	0.037261161
MEblue	delta_hdl_24M	-0.190939033	0.037517162
MEgreenyellow	delta_ins_24M	0.189955764	0.038529238
MEsalmon	delta_hdl_24M	-0.189723609	0.038771508
MEmagenta	delta_ffm_24M	0.188637403	0.039922078
MEsalmon	delta_ins_24M	0.1878756	0.04074597
MEblue	delta_leu_24M	0.183374013	0.045909924
MEblue	delta_val_24M	0.182476312	0.047002221
MEmagenta	delta_cys_24M	0.180004348	0.050122045
MEturquoise	delta_chol_24M	0.17960894	0.050636632
MEgreenyellow	delta_igfbp1_24M	0.179229157	0.051134991
MEsalmon	delta_homa_24M	0.178293018	0.05238074
MEblack	delta_hdl_24M	-0.175500514	0.056246387
MEblue	delta_cys_24M	0.173834487	0.058662274
MEmagenta	delta_leu_24M	0.173781529	0.058740441
MEpink	delta_val_24M	0.172792511	0.060216005
MEturquoise	delta_weight_24M	0.172575608	0.060543636
MEgreen	delta_weight_24M	0.17071745	0.063410541
MEmagenta	delta_val_24M	0.169376034	0.065548239
MEblue	delta_met_24M	0.169189424	0.065850217
MEpink	delta_leu_24M	0.168999293	0.066159054
MEgreenyellow	delta_homa_24M	0.168818297	0.066454149
MEmagenta	delta_weight_24M	0.168379817	0.067173478
MEblue	delta_lys_24M	0.164834902	0.073224061
MEblue	delta_ile_24M	0.163972892	0.074759999
MEgreen	delta_ffm_24M	0.163015971	0.076495365
MEtan	delta_cpes_24M	0.162155184	0.078083958
MEgrey	delta_igf_24M	-0.161040836	0.080179762
MEmagenta	delta_met_24M	0.159582005	0.082991377
MEpink	delta_met_24M	0.15886418	0.084403504
MEpurple	delta_ins_24M	0.158774841	0.08458059
MEmagenta	delta_lys_24M	0.158331885	0.085462992
MEbrown	delta_ffm_24M	0.154827527	0.09270551
MEmagenta	delta_ile_24M	0.154239559	0.093966986
MEblue	delta_ins_24M	0.149767498	0.104011655
MEpink	delta_ile_24M	0.14941594	0.104835681
MEpink	delta_lys_24M	0.148586917	0.106799107
MEgreen	delta_tg_24M	0.148135108	0.107881197
MEgreenyellow	delta_crp_24M	0.147651768	0.109048274

MEgrey	delta_weight_24M	0.146908455	0.110862286
MEyellow	delta_ffm_24M	0.144454176	0.117019189
MEmagenta	delta_cpes_24M	0.138984734	0.131690879
MEgrey	delta_ahmw_24M	0.13818284	0.133955317
MEpink	delta_cys_24M	0.137621462	0.135558181
MEpurple	delta_hdl_24M	-0.137550946	0.13576055
MEgrey	delta_crp_24M	0.137410971	0.136162934
MEblue	delta_homa_24M	0.137395503	0.136207458
MEpink	delta_Matsuda_Index_24M	-0.136328123	0.139306569
MEtan	delta_hdl_24M	-0.131371763	0.15440301
MEgreenyellow	delta_sbp_24M	0.128162752	0.164811792
MEtan	delta_weight_24M	0.12685636	0.169195421
MEtan	delta_ffm_24M	0.125619172	0.173425869
MEgreen	delta_chol_24M	0.124864782	0.176043445
MEbrown	delta_chol_24M	0.124658359	0.17676473
MEtan	delta_sbp_24M	0.123215807	0.181866071
MEgreenyellow	delta_auci_24M	0.12319483	0.18194104
MEgrey	delta_leu_24M	0.119610228	0.195086471
MEgreenyellow	delta_Matsuda_Index_24M	-0.119202756	0.196623183
MEyellow	delta_tnfa_24M	0.119092533	0.197040369
MEyellow	delta_weight_24M	0.117449045	0.203336912
MEblack	delta_Matsuda_Index_24M	-0.115361699	0.211540731
MEgrey	delta_val_24M	0.114822266	0.213698727
MEgreenyellow	delta_hdl_24M	-0.114385905	0.215455819
MEpurple	delta_weight_24M	0.110148113	0.233056025
MEred	delta_Matsuda_Index_24M	-0.110067346	0.233400959
MEgrey	delta_sbp_24M	0.108368945	0.240737245
MEmagenta	delta_chol_24M	0.107957442	0.242538615
MEred	delta_ahmw_24M	-0.106596346	0.248563423
MEblack	delta_sbp_24M	0.106270437	0.250021239
MEgrey	delta_ile_24M	0.105258664	0.254584497
MEpurple	delta_sbp_24M	0.104900486	0.256213562
MEbrown	delta_tnfa_24M	0.104873078	0.256338509
MEgrey	delta_met_24M	0.104776812	0.256777709
MEsalmon	delta_Matsuda_Index_24M	-0.10366085	0.261906761
MEbrown	delta_weight_24M	0.101863044	0.270315734
MEpurple	delta_ffm_24M	0.099415724	0.282053495
MEpurple	delta_igf_24M	-0.099162575	0.283286824
MEgrey	delta_cpes_24M	0.098655406	0.285768552
MEgrey	delta_lys_24M	0.097639282	0.290784279
MEblue	delta_ahmw_24M	-0.0968582	0.294679306
MEsalmon	delta_ahmw_24M	-0.095435338	0.301863017
MEgreenyellow	delta_igf_24M	-0.094791588	0.305150654
MEpink	delta_auci_24M	0.094743775	0.305395765
MEpink	delta_ahmw_24M	-0.094381799	0.307255619

MEagenta	delta_ahmw_24M	-0.092259693	0.318307722
MEturquoise	delta_tnfa_24M	0.091204786	0.323896231
MEpurple	delta_leptin_24M	0.089642301	0.332288902
MEgreen	delta_sbp_24M	-0.085728617	0.353913209
MEyellow	delta_hdl_24M	0.085695031	0.354102502
MEpink	delta_sbp_24M	0.084639031	0.360086294
MEgrey	delta_auci_24M	0.0832085	0.368291634
MEred	delta_leu_24M	0.081750296	0.376772917
MEred	delta_val_24M	0.08076211	0.382587488
MEred	delta_cys_24M	0.080607706	0.383500893
MEturquoise	delta_hdl_24M	-0.080511277	0.384072002
MEtan	delta_Matsuda_Index_24M	-0.080314267	0.385240414
MEgrey	delta_ins_24M	0.080252817	0.385605294
MEblue	delta_Matsuda_Index_24M	-0.079592363	0.389540109
MEblack	delta_ahmw_24M	-0.078395389	0.396732527
MEgrey	delta_hdl_24M	0.077743081	0.40068522
MEtan	delta_cys_24M	-0.076506182	0.40824408
MEturquoise	delta_mcp_24M	0.075229253	0.416134846
MEblack	delta_val_24M	0.075197601	0.416331562
MEsalmon	delta_mcp_24M	0.074729466	0.419247308
MEgreen	delta_Matsuda_Index_24M	0.074208295	0.422507285
MEpink	delta_mcp_24M	0.073652585	0.425999406
MEbrown	delta_sbp_24M	-0.073478373	0.427097581
MEgreen	delta_ahmw_24M	-0.073410381	0.427526624
MEturquoise	delta_cpes_24M	0.07261173	0.432584747
MEblack	delta_leu_24M	0.07242494	0.433772665
MEred	delta_auci_24M	0.067569072	0.465300731
MEyellow	delta_auci_24M	-0.067146336	0.468103694
MEagenta	delta_tnfa_24M	0.067128748	0.468220509
MEred	delta_sbp_24M	0.065366338	0.480006668
MEblue	delta_auci_24M	0.064725023	0.484334769
MEred	delta_lys_24M	0.064654015	0.484815267
MEgreenyellow	delta_leptin_24M	0.063407017	0.493294875
MEyellow	delta_Matsuda_Index_24M	0.063071605	0.495588994
MEred	delta_met_24M	0.062838788	0.497184688
MEsalmon	delta_tnfa_24M	0.062772905	0.497636735
MEbrown	delta_ins_24M	-0.062066904	0.502494347
MEgreen	delta_il8_24M	0.062006675	0.502909892
MEpurple	delta_mcp_24M	0.061317178	0.507679776
MEgreenyellow	delta_mcp_24M	0.060718357	0.511841309
MEblack	delta_auci_24M	0.060669279	0.512183157
MEred	delta_ile_24M	0.060597862	0.512680814
MEbrown	delta_Matsuda_Index_24M	0.060181087	0.515589992
MEbrown	delta_auci_24M	-0.059441554	0.52077282
MEblack	delta_met_24M	0.058839915	0.525008716

MEgreen	delta_fm_24M	-0.058623738	0.526534973
MEgrey	delta_cys_24M	0.05860165	0.526691039
MEbrown	delta_homa_24M	-0.058289323	0.528900407
MEyellow	delta_sbp_24M	-0.05802433	0.530778582
MEtan	delta_fm_24M	-0.058000586	0.530947033
MEtan	delta_ahmw_24M	-0.057582326	0.533918761
MEmagenta	delta_homa_24M	0.057463804	0.53476236
MEblack	delta_mcp_24M	0.057296197	0.535956467
MEbrown	delta_fm_24M	-0.056930102	0.538569282
MEtan	delta_met_24M	-0.05670376	0.540187836
MEsalmon	delta_leptin_24M	-0.05665407	0.540543486
MEgrey	delta_mcp_24M	0.056299417	0.543085216
MEblack	delta_lys_24M	0.055988337	0.545319495
MEblue	delta_mcp_24M	0.055128623	0.551517576
MEyellow	delta_mcp_24M	0.054740019	0.554330367
MEgreen	delta_cpes_24M	0.054671234	0.55482897
MEtan	delta_ile_24M	-0.054568985	0.555570545
MEyellow	delta_leptin_24M	-0.054505055	0.556034446
MEpurple	delta_Matsuda_Index_24M	-0.054058677	0.559278727
MEblack	delta_ile_24M	0.05398666	0.559802991
MEmagenta	delta_ins_24M	0.05208177	0.573754915
MEtan	delta_lys_24M	-0.051129746	0.58078821
MEgrey	delta_homa_24M	0.050960777	0.582040662
MEyellow	delta_tg_24M	0.050499632	0.585465127
MEpurple	delta_auci_24M	0.049879087	0.590087815
MEtan	delta_mcp_24M	0.049305787	0.594373245
MEpurple	delta_met_24M	-0.047946963	0.604586135
MEred	delta_igfbp1_24M	-0.047700838	0.606444288
MEmagenta	delta_sbp_24M	-0.044218955	0.632996193
MEpurple	delta_ahmw_24M	-0.044153801	0.63349766
MEred	delta_mcp_24M	0.044010483	0.634601312
MEsalmon	delta_crp_24M	0.043651885	0.637366289
MEbrown	delta_leptin_24M	-0.043489225	0.638622127
MEyellow	delta_ahmw_24M	0.042224667	0.64842002
MEyellow	delta_crp_24M	0.042102582	0.649369161
MEsalmon	delta_auci_24M	0.042022599	0.649991292
MEtan	delta_leptin_24M	0.041953681	0.650527552
MEyellow	delta_fm_24M	-0.041474199	0.654263374
MEblack	delta_cys_24M	0.040800794	0.659524583
MEtan	delta_val_24M	-0.039932643	0.666331878
MEtan	delta_leu_24M	-0.039917231	0.666452976
MEmagenta	delta_mcp_24M	0.039491915	0.669798141
MEyellow	delta_homa_24M	-0.039465609	0.670005258
MEtan	delta_tnfa_24M	0.039428664	0.670296174
MEturquoise	delta_fm_24M	-0.039003892	0.673644495

MEgreen	delta_mcp_24M	0.038547192	0.677251618
MEblack	delta_tnfa_24M	0.038520428	0.677463232
MEpink	delta_tnfa_24M	0.03850557	0.677580717
MEturquoise	delta_crp_24M	0.037674674	0.684163263
MEgreenyellow	delta_ahmw_24M	-0.037581595	0.684902142
MEturquoise	delta_igfbp1_24M	0.036879937	0.69048159
MEbrown	delta_mcp_24M	0.036828902	0.690888063
MEgrey	delta_ffm_24M	0.036792928	0.691174633
MEturquoise	delta_ins_24M	0.035580631	0.700857182
MEyellow	delta_ins_24M	-0.03545621	0.701853679
MEpurple	delta_lys_24M	-0.034056898	0.713095358
MEgrey	delta_fm_24M	-0.034056552	0.713098145
MEblack	delta_fm_24M	-0.034055922	0.713103224
MEblue	delta_sbp_24M	0.033653738	0.716345812
MEturquoise	delta_il8_24M	0.033181787	0.720157328
MEmagenta	delta_fm_24M	-0.032964693	0.721912917
MEpurple	delta_cys_24M	-0.032513829	0.725563565
MEyellow	delta_cpes_24M	-0.032507877	0.725611801
MEyellow	delta_il8_24M	0.031127486	0.736827082
MEbrown	delta_hdl_24M	-0.03079568	0.73953128
MEgreen	delta_crp_24M	0.030252562	0.743964513
MEpurple	delta_ile_24M	-0.029696535	0.74851182
MEyellow	delta_igf_24M	-0.029642188	0.748956744
MEblue	delta_tnfa_24M	0.029155003	0.752948887
MEbrown	delta_tg_24M	0.028831663	0.755602049
MEtan	delta_il8_24M	0.028804662	0.75582374
MEsalmon	delta_igfbp1_24M	-0.028767079	0.756132336
MEred	delta_leptin_24M	0.028744724	0.756315916
MEpink	delta_crp_24M	0.028652176	0.757076061
MEbrown	delta_il8_24M	0.028265784	0.7602522
MEturquoise	delta_leptin_24M	-0.028214933	0.760670492
MEgrey	delta_Matsuda_Index_24M	-0.02795864	0.762779771
MEblack	delta_il8_24M	0.027946938	0.762876123
MEgreen	delta_ins_24M	-0.027485726	0.766676393
MEsalmon	delta_igf_24M	0.027223729	0.768837656
MEtan	delta_crp_24M	-0.026645285	0.773615619
MEsalmon	delta_sbp_24M	0.026459164	0.775154799
MEtan	delta_auci_24M	0.026253554	0.776856156
MEgreen	delta_homa_24M	-0.025826555	0.780392813
MEpurple	delta_crp_24M	-0.025544716	0.782729632
MEturquoise	delta_ahmw_24M	-0.024859019	0.788423025
MEturquoise	delta_igf_24M	-0.02445029	0.791822066
MEpink	delta_leptin_24M	-0.024127571	0.794508601
MEblue	delta_crp_24M	0.023215777	0.80211192
MEmagenta	delta_auci_24M	-0.023015263	0.803786487

MEgreen	delta_auci_24M	-0.022807986	0.805518468
MEblue	delta_il8_24M	0.021729475	0.814545417
MEpink	delta_igf_24M	0.021716139	0.814657187
MEgrey	delta_tnfa_24M	0.021416832	0.817166792
MEmagenta	delta_il8_24M	0.021401456	0.817295759
MEpink	delta_igfbp1_24M	-0.021133839	0.819541303
MEbrown	delta_igf_24M	-0.021116965	0.819682937
MEred	delta_fm_24M	-0.020987319	0.820771354
MEpurple	delta_tnfa_24M	0.020796845	0.822371052
MEpink	delta_il8_24M	0.02012164	0.828047606
MEmagenta	delta_igf_24M	-0.02011634	0.828092197
MEturquoise	delta_sbp_24M	-0.020056748	0.828593633
MEturquoise	delta_homa_24M	0.019926605	0.829688966
MEblack	delta_igfbp1_24M	-0.019092735	0.83671475
MEblue	delta_igfbp1_24M	-0.018372616	0.842792514
MEmagenta	delta_crp_24M	-0.01831291	0.843296851
MEblue	delta_fm_24M	-0.01765683	0.848842885
MEgreenyellow	delta_il8_24M	-0.017082917	0.853700406
MEblue	delta_leptin_24M	-0.016124557	0.861823965
MEsalmon	delta_il8_24M	0.015662787	0.865743389
MEtan	delta_igf_24M	-0.015318728	0.868665819
MEtan	delta_igfbp1_24M	-0.014231053	0.877915992
MEred	delta_crp_24M	-0.013433954	0.884705484
MEblack	delta_leptin_24M	0.013263789	0.886156013
MEgreen	delta_igfbp1_24M	-0.012996142	0.888438257
MEgreenyellow	delta_tnfa_24M	0.011980176	0.897109617
MEpurple	delta_val_24M	-0.01168019	0.899672395
MEmagenta	delta_leptin_24M	-0.011027701	0.905250126
MEgreen	delta_tnfa_24M	0.010192012	0.912400635
MEblack	delta_igf_24M	0.009930197	0.914642311
MEgrey	delta_il8_24M	0.008546401	0.926501139
MEred	delta_tnfa_24M	0.007781184	0.933065976
MEbrown	delta_igfbp1_24M	-0.007780828	0.933069028
MEturquoise	delta_Matsuda_Index_24M	-0.007732052	0.933487639
MEpurple	delta_leu_24M	-0.0075992	0.9346279
MEgreen	delta_igf_24M	0.005781706	0.950239718
MEred	delta_il8_24M	0.00554429	0.952280582
MEred	delta_igf_24M	-0.005500413	0.952657785
MEpurple	delta_igfbp1_24M	0.004704806	0.959499303
MEmagenta	delta_igfbp1_24M	-0.004296333	0.963012981
MEyellow	delta_igfbp1_24M	-0.004135166	0.964399537
MEpink	delta_fm_24M	-0.004026377	0.965335529
MEsalmon	delta_fm_24M	0.003708872	0.968067542
MEbrown	delta_cpes_24M	0.00365263	0.968551519
MEmagenta	delta_Matsuda_Index_24M	0.003458546	0.970221764

MEpurple	delta_il8_24M	0.002608401	0.977539324
MEturquoise	delta_auci_24M	0.002519066	0.978308394
MEpurple	delta_fm_24M	-0.002165097	0.981355815
MEbrown	delta_crp_24M	-0.001832915	0.984215916
MEbrown	delta_ahmw_24M	0.0015329	0.986799231
MEgreen	delta_leptin_24M	-0.001316439	0.988663176
MEblack	delta_crp_24M	-0.000891033	0.992326519
MEgreenyellow	delta_fm_24M	0.000325358	0.997198013
MEblue	delta_igf_24M	3.45E-05	0.999703049

Table S10: Mediation analysis for 12-month changes

Group	Clinical	Metaboli	ACME_e	ACME_C	ACME_C	ACME_p	ADE_esti	ADE_CI_	ADE_CI_	ADE_p	Total_eff	Total_CI	Total_CI	Total_p	Proporti	Prop_m	Prop_m	Prop_m	Biochem	Super	Sub pathway
	AUC	te	stimate	I_low	I_high		mate	low	high		ect	_low	_high		on_medi	ed_CI_lo	ed_CI_hi	ed_p	ical	pathway	
CR	Insulin	id_051	-0.018	-0.074	-0.005	0.000	-0.218	-0.345	-0.074	0.000	-0.236	-0.365	-0.103	0.000	0.075	0.021	0.339	0.000	) CER(20:1	Sphingolipid	Ceramide
CR	Insulin	id_051	-0.018	-0.074	-0.005	0.000	-0.218	-0.345	-0.074	0.000	-0.236	-0.365	-0.103	0.000	0.075	0.021	0.339	0.000	) CER(20:1	Sphingolipid	Ceramide
CR	Insulin	id_035	-0.019	-0.112	-0.006	0.002	-0.217	-0.340	-0.068	0.006	-0.236	-0.369	-0.111	0.000	0.081	0.021	0.549	0.002	CE(20:3)	Cholesterol	CE Ester
CR	Insulin	id_048	-0.037	-0.130	-0.013	0.002	-0.199	-0.324	-0.042	0.018	-0.236	-0.367	-0.112	0.000	0.158	0.049	0.690	0.002	) CER(18:0	Sphingolipid	Ceramide
CR	Insulin	id_452	-0.024	-0.111	-0.007	0.002	-0.212	-0.346	-0.058	0.004	-0.236	-0.380	-0.110	0.000	0.100	0.029	0.547	0.002	) SM(20:0	Sphingolipid	Sphingomyel
CR	Insulin	id_035	-0.019	-0.112	-0.006	0.002	-0.217	-0.340	-0.068	0.006	-0.236	-0.369	-0.111	0.000	0.081	0.021	0.549	0.002	CE(20:3)	Cholesterol	CE Ester
CR	Insulin	id_048	-0.037	-0.130	-0.013	0.002	-0.199	-0.324	-0.042	0.018	-0.236	-0.367	-0.112	0.000	0.158	0.049	0.690	0.002	) CER(18:0	Sphingolipid	Ceramide
CR	Insulin	id_452	-0.024	-0.111	-0.007	0.002	-0.212	-0.346	-0.058	0.004	-0.236	-0.380	-0.110	0.000	0.100	0.029	0.547	0.002	) SM(20:0	Sphingolipid	Sphingomyel
CR	Insulin	id_454	-0.016	-0.091	-0.004	0.004	-0.220	-0.344	-0.060	0.014	-0.236	-0.371	-0.107	0.000	0.067	0.014	0.506	0.004	) SM(22:0	Sphingolipid	Sphingomyel
CR	Insulin	id_454	-0.016	-0.091	-0.004	0.004	-0.220	-0.344	-0.060	0.014	-0.236	-0.371	-0.107	0.000	0.067	0.014	0.506	0.004	) SM(22:0	Sphingolipid	Sphingomyel
CR	Insulin	id_034	-0.019	-0.110	-0.006	0.006	-0.217	-0.342	-0.071	0.000	-0.236	-0.368	-0.115	0.000	0.082	0.023	0.553	0.006	CE(20:2)	Cholesterol	CE Ester
CR	Insulin	id_034	-0.019	-0.110	-0.006	0.006	-0.217	-0.342	-0.071	0.000	-0.236	-0.368	-0.115	0.000	0.082	0.023	0.553	0.006	CE(20:2)	Cholesterol	CE Ester
CR	Insulin	id_660	-0.012	-0.132	-0.002	0.012	-0.224	-0.346	-0.043	0.014	-0.236	-0.369	-0.109	0.000	0.049	0.007	0.680	0.012	TAG51:3-	Triacylglycer	TAG Ester
CR	Insulin	id_660	-0.012	-0.132	-0.002	0.012	-0.224	-0.346	-0.043	0.014	-0.236	-0.369	-0.109	0.000	0.049	0.007	0.680	0.012	FA16:0	ol	TAG Ester
CR	Insulin	id_667	-0.011	-0.115	-0.002	0.014	-0.225	-0.345	-0.061	0.010	-0.236	-0.362	-0.106	0.002	0.048	0.008	0.595	0.016	TAG51:4-	Triacylglycer	TAG Ester
CR	Insulin	id_667	-0.011	-0.115	-0.002	0.014	-0.225	-0.345	-0.061	0.010	-0.236	-0.362	-0.106	0.002	0.048	0.008	0.595	0.016	FA16:0	ol	TAG Ester
CR	Insulin	id_987	-0.015	-0.066	-0.002	0.016	-0.221	-0.349	-0.085	0.004	-0.236	-0.367	-0.108	0.002	0.063	0.007	0.326	0.018	Total PC	Phospholipid	Phosphatidyl
																			SUM	cholines	

CR	AUC	Insulin	id_987	-0.015	-0.066	-0.002	0.016	-0.221	-0.349	-0.085	0.004	-0.236	-0.367	-0.108	0.002	0.063	0.007	0.326	0.018	Total PC SUM	Phospholipid Phosphatidylcholines
CR	AUC	Insulin	id_228	-0.015	-0.051	-0.002	0.022	-0.221	-0.347	-0.085	0.004	-0.236	-0.368	-0.101	0.002	0.065	0.007	0.232	0.024	PC(15:0/18:2)	Phosphatidylcholine PC Ester
CR	AUC	Insulin	id_228	-0.015	-0.051	-0.002	0.022	-0.221	-0.347	-0.085	0.004	-0.236	-0.368	-0.101	0.002	0.065	0.007	0.232	0.024	PC(15:0/18:2)	Phosphatidylcholine PC Ester
CR	AUC	Insulin	id_050	-0.017	-0.100	-0.001	0.028	-0.218	-0.333	-0.073	0.000	-0.236	-0.354	-0.108	0.000	0.074	0.005	0.467	0.028	CER(20:0)	Sphingolipids Ceramide
CR	AUC	Insulin	id_283	-0.018	-0.087	-0.002	0.028	-0.218	-0.348	-0.066	0.002	-0.236	-0.365	-0.104	0.000	0.077	0.007	0.464	0.028	PC(18:1/20:3)	Phosphatidylcholine PC Ester
CR	AUC	Insulin	id_050	-0.017	-0.100	-0.001	0.028	-0.218	-0.333	-0.073	0.000	-0.236	-0.354	-0.108	0.000	0.074	0.005	0.467	0.028	CER(20:0)	Sphingolipids Ceramide
CR	AUC	Insulin	id_283	-0.018	-0.087	-0.002	0.028	-0.218	-0.348	-0.066	0.002	-0.236	-0.365	-0.104	0.000	0.077	0.007	0.464	0.028	PC(18:1/20:3)	Phosphatidylcholine PC Ester
CR	AUC	Insulin	id_053	-0.017	-0.124	-0.002	0.032	-0.218	-0.341	-0.049	0.012	-0.236	-0.369	-0.106	0.002	0.074	0.007	0.629	0.034	CER(22:1)	Sphingolipids Ceramide
CR	AUC	Insulin	id_053	-0.017	-0.124	-0.002	0.032	-0.218	-0.341	-0.049	0.012	-0.236	-0.369	-0.106	0.002	0.074	0.007	0.629	0.034	CER(22:1)	Sphingolipids Ceramide
CR	AUC	Insulin	id_036	-0.013	-0.051	-0.001	0.040	-0.223	-0.352	-0.095	0.002	-0.236	-0.363	-0.115	0.002	0.054	0.002	0.233	0.042	Cholesterol CE(20:4)	Ester CE Ester
CR	AUC	Insulin	id_036	-0.013	-0.051	-0.001	0.040	-0.223	-0.352	-0.095	0.002	-0.236	-0.363	-0.115	0.002	0.054	0.002	0.233	0.042	Cholesterol CE(20:4)	Ester CE Ester
CR	AUC	Insulin	id_450	-0.015	-0.074	-0.001	0.042	-0.221	-0.351	-0.083	0.000	-0.236	-0.364	-0.107	0.000	0.064	0.002	0.366	0.042	SM(18:0)	Sphingolipids Sphingomyelin
CR	AUC	Insulin	id_450	-0.015	-0.074	-0.001	0.042	-0.221	-0.351	-0.083	0.000	-0.236	-0.364	-0.107	0.000	0.064	0.002	0.366	0.042	SM(18:0)	Sphingolipids Sphingomyelin
CR	AUC	Insulin	id_150	-0.027	-0.069	0.000	0.048	-0.208	-0.332	-0.079	0.002	-0.236	-0.361	-0.109	0.000	0.116	0.002	0.340	0.048	LCER(24:1)	Sphingolipids Lactosylceramide
CR	AUC	Insulin	id_150	-0.027	-0.069	0.000	0.048	-0.208	-0.332	-0.079	0.002	-0.236	-0.361	-0.109	0.000	0.116	0.002	0.340	0.048	LCER(24:1)	Sphingolipids Lactosylceramide
CR	AUC	Insulin	id_241	-0.013	-0.044	0.000	0.058	-0.223	-0.350	-0.080	0.000	-0.236	-0.363	-0.095	0.000	0.055	-0.001	0.225	0.058	PC(16:0/18:2)	Phosphatidylcholine PC Ester
CR	AUC	Insulin	id_241	-0.013	-0.044	0.000	0.058	-0.223	-0.350	-0.080	0.000	-0.236	-0.363	-0.095	0.000	0.055	-0.001	0.225	0.058	PC(16:0/18:2)	Phosphatidylcholine PC Ester
CR	AUC	Insulin	id_124	-0.011	-0.044	0.001	0.060	-0.225	-0.351	-0.097	0.002	-0.236	-0.368	-0.109	0.000	0.046	-0.004	0.204	0.060	DCER(22:2)	Sphingolipids Dihydroceramide
CR	AUC	Insulin	id_860	-0.007	-0.067	0.000	0.060	-0.229	-0.353	-0.083	0.002	-0.236	-0.366	-0.110	0.002	0.028	-0.001	0.326	0.062	TAG55:7-FA18:1	Triacylglycerol TAG Ester
CR	AUC	Insulin	id_124	-0.011	-0.044	0.001	0.060	-0.225	-0.351	-0.097	0.002	-0.236	-0.368	-0.109	0.000	0.046	-0.004	0.204	0.060	DCER(22:2)	Sphingolipids Dihydroceramide

CR	AUC	Insulin	id_860	-0.007	-0.067	0.000	0.060	-0.229	-0.353	-0.083	0.002	-0.236	-0.366	-0.110	0.002	0.028	-0.001	0.326	0.062	TAG55:7- Triacylglycer		
																			FA18:1	ol	TAG Ester	
CR	AUC	Insulin	id_392	-0.025	-0.061	0.001	0.068	-0.211	-0.353	-0.079	0.002	-0.236	-0.374	-0.110	0.002	0.105	-0.006	0.352	0.070	PE(P- Phosphatidyl		
																			16:0/20: ethanolamin	PE	Plasmalogen	
CR	AUC	Insulin	id_392	-0.025	-0.061	0.001	0.068	-0.211	-0.353	-0.079	0.002	-0.236	-0.374	-0.110	0.002	0.105	-0.006	0.352	0.070	PE(P- Phosphatidyl		
																			16:0/20: ethanolamin	PE	Plasmalogen	
CR	AUC	Insulin	id_419	-0.021	-0.055	0.002	0.072	-0.215	-0.358	-0.082	0.004	-0.236	-0.375	-0.106	0.002	0.090	-0.009	0.297	0.074	PE(P- Phosphatidyl		
																			18:1/20: ethanolamin	PE	Plasmalogen	
CR	AUC	Insulin	id_419	-0.021	-0.055	0.002	0.072	-0.215	-0.358	-0.082	0.004	-0.236	-0.375	-0.106	0.002	0.090	-0.009	0.297	0.074	PE(P- Phosphatidyl		
																			18:1/20: ethanolamin	PE	Plasmalogen	
CR	AUC	Insulin	id_405	-0.017	-0.071	0.003	0.092	-0.219	-0.351	-0.078	0.006	-0.236	-0.366	-0.109	0.002	0.073	-0.015	0.397	0.094	PE(P- Phosphatidyl		
																			18:0/20: ethanolamin	PE	Plasmalogen	
CR	AUC	Insulin	id_395	-0.019	-0.073	0.002	0.092	-0.217	-0.350	-0.058	0.004	-0.236	-0.370	-0.096	0.000	0.080	-0.007	0.464	0.092	PE(P- Phosphatidyl		
																			16:0/22: ethanolamin	PE	Plasmalogen	
CR	AUC	Insulin	id_405	-0.017	-0.071	0.003	0.092	-0.219	-0.351	-0.078	0.006	-0.236	-0.366	-0.109	0.002	0.073	-0.015	0.397	0.094	PE(P- Phosphatidyl		
																			18:0/20: ethanolamin	PE	Plasmalogen	
CR	AUC	Insulin	id_395	-0.019	-0.073	0.002	0.092	-0.217	-0.350	-0.058	0.004	-0.236	-0.370	-0.096	0.000	0.080	-0.007	0.464	0.092	PE(P- Phosphatidyl		
																			16:0/22: ethanolamin	PE	Plasmalogen	
CR	AUC	Insulin	id_134	-0.010	-0.045	0.003	0.094	-0.226	-0.362	-0.096	0.000	-0.236	-0.368	-0.110	0.000	0.043	-0.012	0.215	0.094	HCER(20 Sphingolipid		
																			:1) s	Hexosylcera	mide	
CR	AUC	Insulin	id_134	-0.010	-0.045	0.003	0.094	-0.226	-0.362	-0.096	0.000	-0.236	-0.368	-0.110	0.000	0.043	-0.012	0.215	0.094	HCER(20 Sphingolipid		
																			:1) s	Hexosylcera	mide	
CR	AUC	Insulin	id_981	-0.007	-0.062	0.002	0.106	-0.229	-0.354	-0.084	0.000	-0.236	-0.364	-0.102	0.000	0.028	-0.007	0.292	0.106	Total Sphingolipid		
																			DCER SUM	Dihydrocera	mides	
CR	AUC	Insulin	id_981	-0.007	-0.062	0.002	0.106	-0.229	-0.354	-0.084	0.000	-0.236	-0.364	-0.102	0.000	0.028	-0.007	0.292	0.106	Total Sphingolipid		
																			DCER SUM	Dihydrocera	mides	
CR	AUC	Insulin	id_120	-0.007	-0.050	0.001	0.108	-0.229	-0.358	-0.092	0.000	-0.236	-0.363	-0.110	0.000	0.030	-0.005	0.273	0.108	DCER(20 Sphingolipid		
																			:0) s	Dihydrocera	mide	
CR	AUC	Insulin	id_126	-0.006	-0.048	0.002	0.108	-0.230	-0.360	-0.103	0.000	-0.236	-0.368	-0.115	0.000	0.023	-0.006	0.215	0.108	DCER(24 Sphingolipid		
																			:1) s	Dihydrocera	mide	
CR	AUC	Insulin	id_120	-0.007	-0.050	0.001	0.108	-0.229	-0.358	-0.092	0.000	-0.236	-0.363	-0.110	0.000	0.030	-0.005	0.273	0.108	DCER(20 Sphingolipid		
																			:0) s	Dihydrocera	mide	

CR	AUC	Insulin	id_126	-0.006	-0.048	0.002	0.108	-0.230	-0.360	-0.103	0.000	-0.236	-0.368	-0.115	0.000	0.023	-0.006	0.215	0.108	DCER(24 :1)	Sphingolipids	Dihydroceramide
CR	AUC	Insulin	id_196	-0.009	-0.040	0.002	0.118	-0.227	-0.353	-0.094	0.000	-0.236	-0.365	-0.104	0.000	0.038	-0.010	0.189	0.118	MAG(18:3)	MAG	Ester
CR	AUC	Insulin	id_196	-0.009	-0.040	0.002	0.118	-0.227	-0.353	-0.094	0.000	-0.236	-0.365	-0.104	0.000	0.038	-0.010	0.189	0.118	MAG(18:3)	MAG	Ester
CR	AUC	Insulin	id_122	-0.011	-0.069	0.004	0.122	-0.225	-0.350	-0.077	0.002	-0.236	-0.366	-0.102	0.002	0.046	-0.016	0.365	0.124	DCER(22 :0)	Sphingolipids	Dihydroceramide
CR	AUC	Insulin	id_122	-0.011	-0.069	0.004	0.122	-0.225	-0.350	-0.077	0.002	-0.236	-0.366	-0.102	0.002	0.046	-0.016	0.365	0.124	DCER(22 :0)	Sphingolipids	Dihydroceramide
CR	AUC	Insulin	id_181	-0.009	-0.037	0.003	0.124	-0.227	-0.359	-0.089	0.002	-0.236	-0.371	-0.102	0.000	0.037	-0.014	0.198	0.124	Lysophosphatidylethanolamine	Lysophosphatidylethanolamine	LPE Ester
CR	AUC	Insulin	id_181	-0.009	-0.037	0.003	0.124	-0.227	-0.359	-0.089	0.002	-0.236	-0.371	-0.102	0.000	0.037	-0.014	0.198	0.124	Lysophosphatidylethanolamine	Lysophosphatidylethanolamine	LPE Ester
CR	AUC	Insulin	id_024	-0.007	-0.045	0.003	0.138	-0.228	-0.365	-0.099	0.000	-0.236	-0.373	-0.113	0.000	0.032	-0.010	0.210	0.138	CE(16:0)	Cholesterol Ester	CE Ester
CR	AUC	Insulin	id_024	-0.007	-0.045	0.003	0.138	-0.228	-0.365	-0.099	0.000	-0.236	-0.373	-0.113	0.000	0.032	-0.010	0.210	0.138	CE(16:0)	Cholesterol Ester	CE Ester
CR	AUC	Insulin	id_448	-0.011	-0.066	0.004	0.152	-0.225	-0.351	-0.087	0.002	-0.236	-0.367	-0.108	0.000	0.047	-0.018	0.323	0.152	SM(14:0)	Sphingolipids	Sphingomyelin
CR	AUC	Insulin	id_448	-0.011	-0.066	0.004	0.152	-0.225	-0.351	-0.087	0.002	-0.236	-0.367	-0.108	0.000	0.047	-0.018	0.323	0.152	SM(14:0)	Sphingolipids	Sphingomyelin
CR	AUC	Insulin	id_257	-0.011	-0.039	0.004	0.178	-0.225	-0.349	-0.083	0.000	-0.236	-0.357	-0.101	0.000	0.046	-0.014	0.205	0.178	PC(17:0/20:4)	Phosphatidylcholine	PC Ester
CR	AUC	Insulin	id_257	-0.011	-0.039	0.004	0.178	-0.225	-0.349	-0.083	0.000	-0.236	-0.357	-0.101	0.000	0.046	-0.014	0.205	0.178	PC(17:0/20:4)	Phosphatidylcholine	PC Ester
CR	AUC	Insulin	id_663	-0.009	-0.076	0.003	0.184	-0.227	-0.348	-0.068	0.004	-0.236	-0.360	-0.099	0.000	0.037	-0.013	0.402	0.184	TAG51:3-FA18:1	Triacylglycerol	TAG Ester
CR	AUC	Insulin	id_663	-0.009	-0.076	0.003	0.184	-0.227	-0.348	-0.068	0.004	-0.236	-0.360	-0.099	0.000	0.037	-0.013	0.402	0.184	TAG51:3-FA18:1	Triacylglycerol	TAG Ester
CR	AUC	Insulin	id_455	-0.007	-0.059	0.004	0.196	-0.228	-0.355	-0.088	0.000	-0.236	-0.365	-0.103	0.000	0.032	-0.015	0.329	0.196	SM(22:1)	Sphingolipids	Sphingomyelin
CR	AUC	Insulin	id_455	-0.007	-0.059	0.004	0.196	-0.228	-0.355	-0.088	0.000	-0.236	-0.365	-0.103	0.000	0.032	-0.015	0.329	0.196	SM(22:1)	Sphingolipids	Sphingomyelin
CR	AUC	Insulin	id_386	-0.012	-0.042	0.005	0.198	-0.224	-0.355	-0.092	0.000	-0.236	-0.365	-0.114	0.000	0.051	-0.018	0.239	0.198	PE(P-16:0/18:1)	Phosphatidylethanolamine	PE Plasmalogen

CR	AUC	id_386	-0.012	-0.042	0.005	0.198	-0.224	-0.355	-0.092	0.000	-0.236	-0.365	-0.114	0.000	0.051	-0.018	0.239	0.198	PE(P-16:0/18:1)	Phosphatidylethanolamine	PE Plasmalogen
CR	AUC	id_456	-0.007	-0.036	0.003	0.200	-0.229	-0.361	-0.098	0.000	-0.236	-0.367	-0.104	0.000	0.030	-0.012	0.165	0.200	SM(24:0)	Sphingolipids	Sphingomyelin
CR	AUC	id_456	-0.007	-0.036	0.003	0.200	-0.229	-0.361	-0.098	0.000	-0.236	-0.367	-0.104	0.000	0.030	-0.012	0.165	0.200	SM(24:0)	Sphingolipids	Sphingomyelin
CR	AUC	id_121	-0.008	-0.035	0.011	0.202	-0.228	-0.357	-0.107	0.002	-0.236	-0.367	-0.117	0.002	0.033	-0.062	0.150	0.204	DCER(20:1)	Sphingolipids	Dihydroceramide
CR	AUC	id_298	0.008	-0.006	0.026	0.202	-0.244	-0.371	-0.109	0.000	-0.236	-0.363	-0.106	0.000	-0.036	-0.148	0.026	0.202	PC(18:2/22:5)	Phosphatidylcholine	PC Ester
CR	AUC	id_121	-0.008	-0.035	0.011	0.202	-0.228	-0.357	-0.107	0.002	-0.236	-0.367	-0.117	0.002	0.033	-0.062	0.150	0.204	DCER(20:1)	Sphingolipids	Dihydroceramide
CR	AUC	id_298	0.008	-0.006	0.026	0.202	-0.244	-0.371	-0.109	0.000	-0.236	-0.363	-0.106	0.000	-0.036	-0.148	0.026	0.202	PC(18:2/22:5)	Phosphatidylcholine	PC Ester
CR	AUC	id_157	0.007	-0.008	0.025	0.204	-0.243	-0.379	-0.121	0.002	-0.236	-0.371	-0.107	0.002	-0.031	-0.147	0.034	0.206	LPC(17:0)	Lysophosphatidylcholine	LPC Ester
CR	AUC	id_157	0.007	-0.008	0.025	0.204	-0.243	-0.379	-0.121	0.002	-0.236	-0.371	-0.107	0.002	-0.031	-0.147	0.034	0.206	LPC(17:0)	Lysophosphatidylcholine	LPC Ester
CR	AUC	id_117	-0.006	-0.036	0.004	0.206	-0.230	-0.363	-0.094	0.000	-0.236	-0.367	-0.101	0.000	0.025	-0.015	0.177	0.206	DCER(16:0)	Sphingolipids	Dihydroceramide
CR	AUC	id_117	-0.006	-0.036	0.004	0.206	-0.230	-0.363	-0.094	0.000	-0.236	-0.367	-0.101	0.000	0.025	-0.015	0.177	0.206	DCER(16:0)	Sphingolipids	Dihydroceramide
CR	AUC	id_856	-0.002	-0.037	0.003	0.232	-0.234	-0.348	-0.102	0.000	-0.236	-0.357	-0.104	0.000	0.009	-0.012	0.155	0.232	TAG55:6-FA18:1	Triacylglycerol	TAG Ester
CR	AUC	id_856	-0.002	-0.037	0.003	0.232	-0.234	-0.348	-0.102	0.000	-0.236	-0.357	-0.104	0.000	0.009	-0.012	0.155	0.232	TAG55:6-FA18:1	Triacylglycerol	TAG Ester
CR	AUC	id_023	-0.006	-0.053	0.005	0.234	-0.230	-0.362	-0.083	0.002	-0.236	-0.369	-0.097	0.000	0.027	-0.023	0.259	0.234	Cholesterol CE(15:0)	Ester	CE Ester
CR	AUC	id_023	-0.006	-0.053	0.005	0.234	-0.230	-0.362	-0.083	0.002	-0.236	-0.369	-0.097	0.000	0.027	-0.023	0.259	0.234	Cholesterol CE(15:0)	Ester	CE Ester
CR	AUC	id_978	-0.006	-0.050	0.005	0.236	-0.229	-0.356	-0.093	0.002	-0.236	-0.366	-0.110	0.002	0.027	-0.025	0.235	0.238	Neutral Complex Lipids Total CE	Cholesteryl Esters SUM	Cholesteryl Esters
CR	AUC	id_978	-0.006	-0.050	0.005	0.236	-0.229	-0.356	-0.093	0.002	-0.236	-0.366	-0.110	0.002	0.027	-0.025	0.235	0.238	Neutral Complex Lipids Total CE	Cholesteryl Esters SUM	Cholesteryl Esters
CR	AUC	id_990	-0.005	-0.050	0.005	0.238	-0.231	-0.370	-0.101	0.000	-0.236	-0.376	-0.116	0.000	0.022	-0.018	0.255	0.238	Sphingolipid Total SM	Sphingomyelins SUM	Sphingomyelins

CR	AUC	Insulin	id_990	-0.005	-0.050	0.005	0.238	-0.231	-0.370	-0.101	0.000	-0.236	-0.376	-0.116	0.000	0.022	-0.018	0.255	0.238	Total SM SUM	Sphingolipid	Sphingomyelins
CR	AUC	Insulin	id_864	-0.004	-0.050	0.018	0.244	-0.232	-0.365	-0.101	0.002	-0.236	-0.373	-0.106	0.000	0.016	-0.108	0.204	0.244	TAG55:8- Triacylglycerol	FA20:4	TAG Ester
CR	AUC	Insulin	id_864	-0.004	-0.050	0.018	0.244	-0.232	-0.365	-0.101	0.002	-0.236	-0.373	-0.106	0.000	0.016	-0.108	0.204	0.244	TAG55:8- Triacylglycerol	FA20:4	TAG Ester
CR	AUC	Insulin	id_411	-0.008	-0.031	0.004	0.248	-0.228	-0.364	-0.101	0.000	-0.236	-0.372	-0.110	0.000	0.035	-0.018	0.154	0.248	PE(P-18:1/16:0)	Phosphatidylethanolamine	PE Plasmalogen
CR	AUC	Insulin	id_411	-0.008	-0.031	0.004	0.248	-0.228	-0.364	-0.101	0.000	-0.236	-0.372	-0.110	0.000	0.035	-0.018	0.154	0.248	PE(P-18:1/16:0)	Phosphatidylethanolamine	PE Plasmalogen
CR	AUC	Insulin	id_230	-0.009	-0.028	0.008	0.252	-0.227	-0.357	-0.099	0.002	-0.236	-0.370	-0.110	0.002	0.036	-0.029	0.142	0.250	PC(15:0/20:4)	Phosphatidylcholine	PC Ester
CR	AUC	Insulin	id_230	-0.009	-0.028	0.008	0.252	-0.227	-0.357	-0.099	0.002	-0.236	-0.370	-0.110	0.002	0.036	-0.029	0.142	0.250	PC(15:0/20:4)	Phosphatidylcholine	PC Ester
CR	AUC	Insulin	id_118	-0.007	-0.032	0.006	0.256	-0.229	-0.360	-0.108	0.002	-0.236	-0.361	-0.118	0.002	0.030	-0.027	0.164	0.258	DCER(18:0)	Sphingolipids	Dihydroceramide
CR	AUC	Insulin	id_118	-0.007	-0.032	0.006	0.256	-0.229	-0.360	-0.108	0.002	-0.236	-0.361	-0.118	0.002	0.030	-0.027	0.164	0.258	DCER(18:0)	Sphingolipids	Dihydroceramide
CR	AUC	Insulin	id_026	-0.007	-0.058	0.006	0.260	-0.229	-0.358	-0.093	0.000	-0.236	-0.368	-0.114	0.000	0.028	-0.024	0.273	0.260	CE(17:0)	Cholesterol Ester	CE Ester
CR	AUC	Insulin	id_453	-0.009	-0.051	0.007	0.260	-0.227	-0.370	-0.083	0.002	-0.236	-0.376	-0.103	0.002	0.038	-0.028	0.254	0.262	SM(20:1)	Sphingolipids	Sphingomyelin
CR	AUC	Insulin	id_026	-0.007	-0.058	0.006	0.260	-0.229	-0.358	-0.093	0.000	-0.236	-0.368	-0.114	0.000	0.028	-0.024	0.273	0.260	CE(17:0)	Cholesterol Ester	CE Ester
CR	AUC	Insulin	id_453	-0.009	-0.051	0.007	0.260	-0.227	-0.370	-0.083	0.002	-0.236	-0.376	-0.103	0.002	0.038	-0.028	0.254	0.262	SM(20:1)	Sphingolipids	Sphingomyelin
CR	AUC	Insulin	id_332	-0.009	-0.026	0.007	0.262	-0.227	-0.362	-0.092	0.000	-0.236	-0.367	-0.103	0.000	0.039	-0.032	0.148	0.262	PE(18:0/18:0)	Phosphatidylethanolamine	PE Ester
CR	AUC	Insulin	id_332	-0.009	-0.026	0.007	0.262	-0.227	-0.362	-0.092	0.000	-0.236	-0.367	-0.103	0.000	0.039	-0.032	0.148	0.262	PE(18:0/18:0)	Phosphatidylethanolamine	PE Ester
CR	AUC	Insulin	id_368	-0.013	-0.036	0.008	0.264	-0.223	-0.355	-0.087	0.002	-0.236	-0.369	-0.105	0.000	0.054	-0.031	0.218	0.264	PE(O-16:0/20:4)	Phosphatidylethanolamine	PE Ether
CR	AUC	Insulin	id_368	-0.013	-0.036	0.008	0.264	-0.223	-0.355	-0.087	0.002	-0.236	-0.369	-0.105	0.000	0.054	-0.031	0.218	0.264	PE(O-16:0/20:4)	Phosphatidylethanolamine	PE Ether

CR	AUC Insulin	id_123	-0.003	-0.033	0.003	0.270	-0.233	-0.357	-0.098	0.000	-0.236	-0.361	-0.102	0.000	0.013	-0.011	0.134	0.270	DCER(22:1)	Sphingolipids	Dihydroceramide
CR	AUC Insulin	id_398	-0.008	-0.039	0.007	0.270	-0.228	-0.357	-0.102	0.002	-0.236	-0.368	-0.112	0.000	0.034	-0.032	0.191	0.270	PE(P-18:0/16:0)	Phosphatidylethanolamine	PE Plasmalogen
CR	AUC Insulin	id_123	-0.003	-0.033	0.003	0.270	-0.233	-0.357	-0.098	0.000	-0.236	-0.361	-0.102	0.000	0.013	-0.011	0.134	0.270	DCER(22:1)	Sphingolipids	Dihydroceramide
CR	AUC Insulin	id_398	-0.008	-0.039	0.007	0.270	-0.228	-0.357	-0.102	0.002	-0.236	-0.368	-0.112	0.000	0.034	-0.032	0.191	0.270	PE(P-18:0/16:0)	Phosphatidylethanolamine	PE Plasmalogen
CR	AUC Insulin	id_406	-0.013	-0.035	0.008	0.274	-0.223	-0.362	-0.083	0.000	-0.236	-0.371	-0.101	0.000	0.054	-0.030	0.223	0.274	PE(P-18:0/20:4)	Phosphatidylethanolamine	PE Plasmalogen
CR	AUC Insulin	id_406	-0.013	-0.035	0.008	0.274	-0.223	-0.362	-0.083	0.000	-0.236	-0.371	-0.101	0.000	0.054	-0.030	0.223	0.274	PE(P-18:0/20:4)	Phosphatidylethanolamine	PE Plasmalogen
CR	AUC Insulin	id_378	-0.017	-0.041	0.011	0.288	-0.219	-0.359	-0.091	0.000	-0.236	-0.364	-0.111	0.000	0.070	-0.048	0.250	0.288	PE(O-18:0/20:4)	Phosphatidylethanolamine	PE Ether
CR	AUC Insulin	id_378	-0.017	-0.041	0.011	0.288	-0.219	-0.359	-0.091	0.000	-0.236	-0.364	-0.111	0.000	0.070	-0.048	0.250	0.288	PE(O-18:0/20:4)	Phosphatidylethanolamine	PE Ether
CR	AUC Insulin	id_049	-0.007	-0.046	0.008	0.294	-0.229	-0.355	-0.095	0.000	-0.236	-0.366	-0.111	0.000	0.028	-0.034	0.212	0.294	CER(18:1)	Sphingolipids	Ceramide
CR	AUC Insulin	id_049	-0.007	-0.046	0.008	0.294	-0.229	-0.355	-0.095	0.000	-0.236	-0.366	-0.111	0.000	0.028	-0.034	0.212	0.294	CER(18:1)	Sphingolipids	Ceramide
CR	AUC Insulin	id_041	-0.006	-0.029	0.005	0.300	-0.230	-0.368	-0.107	0.002	-0.236	-0.370	-0.108	0.000	0.026	-0.021	0.145	0.300	CE(22:4)	Cholesterol Ester	CE Ester
CR	AUC Insulin	id_041	-0.006	-0.029	0.005	0.300	-0.230	-0.368	-0.107	0.002	-0.236	-0.370	-0.108	0.000	0.026	-0.021	0.145	0.300	CE(22:4)	Cholesterol Ester	CE Ester
CR	AUC Insulin	id_288	0.007	-0.011	0.024	0.306	-0.243	-0.383	-0.108	0.000	-0.236	-0.370	-0.101	0.002	-0.028	-0.132	0.046	0.308	PC(18:1/22:6)	Phosphatidylcholine	PC Ester
CR	AUC Insulin	id_359	-0.009	-0.025	0.009	0.306	-0.227	-0.365	-0.106	0.000	-0.236	-0.369	-0.116	0.002	0.038	-0.033	0.134	0.304	PE(18:2/16:1)	Phosphatidylethanolamine	PE Ester
CR	AUC Insulin	id_288	0.007	-0.011	0.024	0.306	-0.243	-0.383	-0.108	0.000	-0.236	-0.370	-0.101	0.002	-0.028	-0.132	0.046	0.308	PC(18:1/22:6)	Phosphatidylcholine	PC Ester
CR	AUC Insulin	id_359	-0.009	-0.025	0.009	0.306	-0.227	-0.365	-0.106	0.000	-0.236	-0.369	-0.116	0.002	0.038	-0.033	0.134	0.304	PE(18:2/16:1)	Phosphatidylethanolamine	PE Ester

CR	AUC Insulin	id_421	-0.009	-0.040	0.013	0.314	-0.227	-0.356	-0.103	0.000	-0.236	-0.359	-0.112	0.000	0.038	-0.058	0.199	0.314	PE(P- 18:1/22:4) Phosphatidyl ethanolamin PE Plasmalogen
CR	AUC Insulin	id_421	-0.009	-0.040	0.013	0.314	-0.227	-0.356	-0.103	0.000	-0.236	-0.359	-0.112	0.000	0.038	-0.058	0.199	0.314	PE(P- 18:1/22:4) Phosphatidyl ethanolamin PE Plasmalogen
CR	AUC Insulin	id_055	-0.007	-0.035	0.006	0.318	-0.229	-0.371	-0.105	0.002	-0.236	-0.377	-0.112	0.000	0.029	-0.027	0.166	0.318	CER(24:1 s Sphingolipid Ceramide
CR	AUC Insulin	id_055	-0.007	-0.035	0.006	0.318	-0.229	-0.371	-0.105	0.002	-0.236	-0.377	-0.112	0.000	0.029	-0.027	0.166	0.318	CER(24:1 s Sphingolipid Ceramide
CR	AUC Insulin	id_279	0.006	-0.006	0.021	0.322	-0.242	-0.381	-0.101	0.002	-0.236	-0.375	-0.098	0.002	-0.024	-0.108	0.029	0.324	PC(18:1/ 18:2) Phosphatidyl choline PC Ester
CR	AUC Insulin	id_279	0.006	-0.006	0.021	0.322	-0.242	-0.381	-0.101	0.002	-0.236	-0.375	-0.098	0.002	-0.024	-0.108	0.029	0.324	PC(18:1/ 18:2) Phosphatidyl choline PC Ester
CR	AUC Insulin	id_135	0.005	-0.006	0.020	0.328	-0.241	-0.385	-0.107	0.000	-0.236	-0.379	-0.104	0.000	-0.023	-0.113	0.030	0.328	HCER(22 :0) Sphingolipid Hexosylcera mide
CR	AUC Insulin	id_135	0.005	-0.006	0.020	0.328	-0.241	-0.385	-0.107	0.000	-0.236	-0.379	-0.104	0.000	-0.023	-0.113	0.030	0.328	HCER(22 :0) Sphingolipid Hexosylcera mide
CR	AUC Insulin	id_136	-0.006	-0.037	0.007	0.330	-0.230	-0.360	-0.092	0.000	-0.236	-0.371	-0.099	0.000	0.025	-0.028	0.174	0.330	HCER(22 :1) Sphingolipid Hexosylcera mide
CR	AUC Insulin	id_136	-0.006	-0.037	0.007	0.330	-0.230	-0.360	-0.092	0.000	-0.236	-0.371	-0.099	0.000	0.025	-0.028	0.174	0.330	HCER(22 :1) Sphingolipid Hexosylcera mide
CR	AUC Insulin	id_052	-0.007	-0.059	0.010	0.336	-0.229	-0.357	-0.090	0.002	-0.236	-0.368	-0.105	0.002	0.028	-0.052	0.247	0.338	CER(22:0 Sphingolipid Ceramide
CR	AUC Insulin	id_052	-0.007	-0.059	0.010	0.336	-0.229	-0.357	-0.090	0.002	-0.236	-0.368	-0.105	0.002	0.028	-0.052	0.247	0.338	CER(22:0 Sphingolipid Ceramide
CR	AUC Insulin	id_289	-0.009	-0.050	0.010	0.340	-0.227	-0.365	-0.087	0.000	-0.236	-0.367	-0.105	0.000	0.037	-0.039	0.274	0.340	PC(18:2/ 16:1) Phosphatidyl choline PC Ester
CR	AUC Insulin	id_289	-0.009	-0.050	0.010	0.340	-0.227	-0.365	-0.087	0.000	-0.236	-0.367	-0.105	0.000	0.037	-0.039	0.274	0.340	PC(18:2/ 16:1) Phosphatidyl choline PC Ester
CR	AUC Insulin	id_760	-0.001	-0.041	0.003	0.348	-0.235	-0.354	-0.102	0.000	-0.236	-0.362	-0.111	0.000	0.005	-0.013	0.191	0.348	TAG53:4- FA18:0 Triacylglycer ol TAG Ester
CR	AUC Insulin	id_760	-0.001	-0.041	0.003	0.348	-0.235	-0.354	-0.102	0.000	-0.236	-0.362	-0.111	0.000	0.005	-0.013	0.191	0.348	TAG53:4- FA18:0 Triacylglycer ol TAG Ester
CR	AUC Insulin	id_201	-0.007	-0.026	0.006	0.350	-0.229	-0.357	-0.105	0.000	-0.236	-0.367	-0.114	0.000	0.029	-0.027	0.120	0.350	MAG(20: 3) MAG Ester
CR	AUC Insulin	id_201	-0.007	-0.026	0.006	0.350	-0.229	-0.357	-0.105	0.000	-0.236	-0.367	-0.114	0.000	0.029	-0.027	0.120	0.350	MAG(20: 3) MAG Ester
CR	AUC Insulin	id_401	-0.009	-0.038	0.011	0.352	-0.227	-0.355	-0.082	0.002	-0.236	-0.359	-0.098	0.000	0.038	-0.047	0.225	0.352	PE(P- 18:0/18:1) Phosphatidyl ethanolamin PE Plasmalogen

CR	AUC	id_401	-0.009	-0.038	0.011	0.352	-0.227	-0.355	-0.082	0.002	-0.236	-0.359	-0.098	0.000	0.038	-0.047	0.225	0.352	PE(P-18:0/18:1)	Phosphatidylethanolamine	PE Plasmalogen
CR	AUC	id_272	-0.008	-0.035	0.010	0.366	-0.228	-0.361	-0.101	0.000	-0.236	-0.365	-0.110	0.000	0.032	-0.044	0.190	0.366	PC(18:0/20:4)	Phosphatidylcholine	PC Ester
CR	AUC	id_366	-0.012	-0.038	0.014	0.366	-0.223	-0.360	-0.102	0.000	-0.236	-0.364	-0.117	0.000	0.053	-0.060	0.222	0.366	PE(O-16:0/18:2)	Phosphatidylethanolamine	PE Ether
CR	AUC	id_272	-0.008	-0.035	0.010	0.366	-0.228	-0.361	-0.101	0.000	-0.236	-0.365	-0.110	0.000	0.032	-0.044	0.190	0.366	PC(18:0/20:4)	Phosphatidylcholine	PC Ester
CR	AUC	id_366	-0.012	-0.038	0.014	0.366	-0.223	-0.360	-0.102	0.000	-0.236	-0.364	-0.117	0.000	0.053	-0.060	0.222	0.366	PE(O-16:0/18:2)	Phosphatidylethanolamine	PE Ether
CR	AUC	id_773	-0.002	-0.033	0.003	0.382	-0.234	-0.346	-0.101	0.000	-0.236	-0.353	-0.109	0.000	0.008	-0.015	0.150	0.382	TAG53:7-FA18:3	Triacylglycerol	TAG Ester
CR	AUC	id_773	-0.002	-0.033	0.003	0.382	-0.234	-0.346	-0.101	0.000	-0.236	-0.353	-0.109	0.000	0.008	-0.015	0.150	0.382	TAG53:7-FA18:3	Triacylglycerol	TAG Ester
CR	AUC	id_137	0.004	-0.006	0.016	0.388	-0.240	-0.373	-0.115	0.000	-0.236	-0.370	-0.110	0.000	-0.019	-0.086	0.031	0.388	HCER(24:0)	Sphingolipids	Hexosylceramide
CR	AUC	id_137	0.004	-0.006	0.016	0.388	-0.240	-0.373	-0.115	0.000	-0.236	-0.370	-0.110	0.000	-0.019	-0.086	0.031	0.388	HCER(24:0)	Sphingolipids	Hexosylceramide
CR	AUC	id_979	-0.006	-0.045	0.009	0.390	-0.230	-0.362	-0.093	0.004	-0.236	-0.368	-0.103	0.000	0.023	-0.043	0.198	0.390	Total CER	Sphingolipid SUM	Ceramides
CR	AUC	id_979	-0.006	-0.045	0.009	0.390	-0.230	-0.362	-0.093	0.004	-0.236	-0.368	-0.103	0.000	0.023	-0.043	0.198	0.390	Total CER	Sphingolipid SUM	Ceramides
CR	AUC	id_119	-0.005	-0.017	0.018	0.398	-0.231	-0.361	-0.103	0.002	-0.236	-0.364	-0.106	0.002	0.020	-0.085	0.079	0.400	DCER(18:1)	Sphingolipids	Dihydroceramide
CR	AUC	id_451	-0.007	-0.054	0.013	0.398	-0.228	-0.356	-0.099	0.000	-0.236	-0.361	-0.112	0.000	0.032	-0.055	0.252	0.398	SM(18:1)	Sphingolipids	Sphingomyelin
CR	AUC	id_119	-0.005	-0.017	0.018	0.398	-0.231	-0.361	-0.103	0.002	-0.236	-0.364	-0.106	0.002	0.020	-0.085	0.079	0.400	DCER(18:1)	Sphingolipids	Dihydroceramide
CR	AUC	id_451	-0.007	-0.054	0.013	0.398	-0.228	-0.356	-0.099	0.000	-0.236	-0.361	-0.112	0.000	0.032	-0.055	0.252	0.398	SM(18:1)	Sphingolipids	Sphingomyelin
CR	AUC	id_208	0.004	-0.008	0.017	0.408	-0.240	-0.363	-0.096	0.000	-0.236	-0.360	-0.094	0.000	-0.019	-0.090	0.036	0.408	MAG(22:5)	MAG	Ester
CR	AUC	id_208	0.004	-0.008	0.017	0.408	-0.240	-0.363	-0.096	0.000	-0.236	-0.360	-0.094	0.000	-0.019	-0.090	0.036	0.408	MAG(22:5)	MAG	Ester
CR	AUC	id_047	-0.004	-0.037	0.007	0.410	-0.232	-0.358	-0.091	0.000	-0.236	-0.360	-0.102	0.000	0.017	-0.030	0.176	0.410	CER(16:0)	Sphingolipids	Ceramide
CR	AUC	id_047	-0.004	-0.037	0.007	0.410	-0.232	-0.358	-0.091	0.000	-0.236	-0.360	-0.102	0.000	0.017	-0.030	0.176	0.410	CER(16:0)	Sphingolipids	Ceramide

CR	AUC Insulin	id_125	-0.004	-0.042	0.008	0.418	-0.232	-0.363	-0.103	0.000	-0.236	-0.371	-0.116	0.000	0.019	-0.031	0.200	0.418	DCER(24 :0)	Sphingolipids	Dihydroceramide
CR	AUC Insulin	id_755	-0.001	-0.034	0.005	0.418	-0.235	-0.359	-0.097	0.000	-0.236	-0.361	-0.102	0.000	0.005	-0.027	0.147	0.418	TAG53:3-FA18:0	Triacylglycerol	TAG Ester
CR	AUC Insulin	id_387	-0.008	-0.040	0.013	0.418	-0.228	-0.358	-0.090	0.000	-0.236	-0.361	-0.107	0.000	0.035	-0.051	0.242	0.418	PE(P-16:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen
CR	AUC Insulin	id_125	-0.004	-0.042	0.008	0.418	-0.232	-0.363	-0.103	0.000	-0.236	-0.371	-0.116	0.000	0.019	-0.031	0.200	0.418	DCER(24 :0)	Sphingolipids	Dihydroceramide
AL	AUC Insulin	id_023	-0.030	-0.097	0.017	0.256	0.131	-0.068	0.343	0.222	0.101	-0.107	0.317	0.356	-0.295	-4.567	2.534	0.556	CE(15:0)	Cholesterol Ester	CE Ester
AL	AUC Insulin	id_024	-0.014	-0.111	0.073	0.722	0.115	-0.089	0.323	0.266	0.101	-0.110	0.321	0.370	-0.135	-4.470	3.945	0.968	CE(16:0)	Cholesterol Ester	CE Ester
AL	AUC Insulin	id_026	-0.028	-0.109	0.049	0.432	0.129	-0.094	0.324	0.232	0.101	-0.144	0.311	0.390	-0.272	-3.477	4.494	0.770	CE(17:0)	Cholesterol Ester	CE Ester
AL	AUC Insulin	id_027	-0.027	-0.109	0.052	0.498	0.128	-0.077	0.349	0.250	0.101	-0.106	0.328	0.384	-0.264	-3.484	4.581	0.778	CE(18:0)	Cholesterol Ester	CE Ester
AL	AUC Insulin	id_028	-0.025	-0.121	0.052	0.576	0.126	-0.078	0.334	0.210	0.101	-0.115	0.329	0.330	-0.243	-3.439	4.550	0.830	CE(18:1)	Cholesterol Ester	CE Ester
AL	AUC Insulin	id_029	-0.023	-0.134	0.061	0.540	0.125	-0.078	0.326	0.212	0.101	-0.124	0.322	0.370	-0.231	-6.282	3.751	0.842	CE(18:2)	Cholesterol Ester	CE Ester
AL	AUC Insulin	id_033	-0.033	-0.088	0.008	0.106	0.134	-0.073	0.353	0.208	0.101	-0.098	0.320	0.328	-0.323	-3.484	3.100	0.390	CE(20:1)	Cholesterol Ester	CE Ester
AL	AUC Insulin	id_034	-0.021	-0.106	0.054	0.576	0.122	-0.087	0.322	0.264	0.101	-0.121	0.318	0.392	-0.210	-3.371	3.715	0.816	CE(20:2)	Cholesterol Ester	CE Ester
AL	AUC Insulin	id_035	-0.010	-0.094	0.093	0.830	0.111	-0.071	0.322	0.278	0.101	-0.094	0.319	0.356	-0.100	-4.983	4.392	0.978	CE(20:3)	Cholesterol Ester	CE Ester
AL	AUC Insulin	id_036	0.010	-0.068	0.097	0.834	0.091	-0.119	0.300	0.440	0.101	-0.120	0.325	0.366	0.097	-3.188	3.792	0.760	CE(20:4)	Cholesterol Ester	CE Ester
AL	AUC Insulin	id_041	-0.003	-0.058	0.055	0.950	0.104	-0.103	0.328	0.354	0.101	-0.117	0.335	0.366	-0.030	-1.462	2.368	0.912	CE(22:4)	Cholesterol Ester	CE Ester
AL	AUC Insulin	id_042	0.018	-0.051	0.083	0.598	0.083	-0.138	0.292	0.460	0.101	-0.132	0.322	0.384	0.182	-2.610	2.866	0.654	CE(22:5)	Cholesterol Ester	CE Ester
AL	AUC Insulin	id_043	0.008	-0.024	0.056	0.652	0.093	-0.122	0.300	0.452	0.101	-0.116	0.307	0.408	0.077	-1.154	1.142	0.780	CE(22:6)	Cholesterol Ester	CE Ester
AL	AUC Insulin	id_044	-0.012	-0.048	0.017	0.382	0.113	-0.112	0.333	0.318	0.101	-0.119	0.317	0.384	-0.118	-1.491	1.809	0.618	CE(24:0)	Cholesterol Ester	CE Ester
AL	AUC Insulin	id_045	-0.025	-0.070	0.004	0.118	0.126	-0.082	0.348	0.282	0.101	-0.117	0.320	0.384	-0.242	-2.487	1.973	0.442	CE(24:1)	Cholesterol Ester	CE Ester
AL	AUC Insulin	id_046	-0.009	-0.082	0.056	0.816	0.110	-0.093	0.345	0.310	0.101	-0.121	0.348	0.386	-0.088	-2.612	2.816	0.970	CER(14:0)	Sphingolipids	Ceramide

AL	AUC	Insulin	id_047	0.006	-0.081	0.088	0.910	0.096	-0.110	0.292	0.370	0.101	-0.118	0.319	0.380	0.056	-3.088	2.834	0.766	)	CER(16:0 Sphingolipids	Ceramide
AL	AUC	Insulin	id_048	0.016	-0.086	0.129	0.724	0.086	-0.101	0.274	0.342	0.101	-0.098	0.318	0.336	0.155	-3.487	4.464	0.620	)	CER(18:0 Sphingolipids	Ceramide
AL	AUC	Insulin	id_049	-0.010	-0.085	0.058	0.790	0.111	-0.087	0.321	0.274	0.101	-0.114	0.317	0.330	-0.100	-3.477	3.935	0.992	)	CER(18:1 Sphingolipids	Ceramide
AL	AUC	Insulin	id_050	0.017	-0.074	0.129	0.708	0.085	-0.110	0.269	0.358	0.101	-0.123	0.320	0.316	0.164	-2.961	3.092	0.632	)	CER(20:0 Sphingolipids	Ceramide
AL	AUC	Insulin	id_051	-0.027	-0.100	0.045	0.424	0.128	-0.056	0.345	0.222	0.101	-0.106	0.333	0.370	-0.267	-3.130	3.551	0.746	)	CER(20:1 Sphingolipids	Ceramide
AL	AUC	Insulin	id_052	0.009	-0.098	0.119	0.832	0.092	-0.099	0.300	0.380	0.101	-0.120	0.330	0.380	0.092	-3.311	3.161	0.684	)	CER(22:0 Sphingolipids	Ceramide
AL	AUC	Insulin	id_053	-0.034	-0.143	0.082	0.566	0.135	-0.052	0.327	0.164	0.101	-0.115	0.335	0.380	-0.335	-7.695	5.719	0.902	)	CER(22:1 Sphingolipids	Ceramide
AL	AUC	Insulin	id_054	-0.009	-0.117	0.090	0.858	0.110	-0.102	0.313	0.334	0.101	-0.125	0.318	0.392	-0.090	-4.221	3.033	0.954	)	CER(24:0 Sphingolipids	Ceramide
AL	AUC	Insulin	id_055	0.007	-0.076	0.084	0.858	0.094	-0.100	0.303	0.364	0.101	-0.108	0.329	0.356	0.069	-3.085	2.188	0.758	)	CER(24:1 Sphingolipids	Ceramide
AL	AUC	Insulin	id_057	-0.019	-0.093	0.045	0.534	0.120	-0.083	0.348	0.294	0.101	-0.109	0.335	0.404	-0.187	-3.437	3.371	0.798	)	CER(26:1 Sphingolipids	Ceramide
AL	AUC	Insulin	id_116	0.002	-0.086	0.032	0.964	0.099	-0.104	0.331	0.312	0.101	-0.107	0.312	0.378	0.025	-2.503	2.681	0.858	:0)	DCER(14 Sphingolipids	Dihydroceramide
AL	AUC	Insulin	id_117	0.012	-0.074	0.102	0.754	0.089	-0.112	0.298	0.402	0.101	-0.119	0.335	0.344	0.118	-2.475	3.136	0.690	:0)	DCER(16 Sphingolipids	Dihydroceramide
AL	AUC	Insulin	id_118	-0.010	-0.082	0.067	0.750	0.111	-0.090	0.314	0.314	0.101	-0.115	0.320	0.392	-0.101	-3.071	2.823	0.982	:0)	DCER(18 Sphingolipids	Dihydroceramide
AL	AUC	Insulin	id_119	0.011	-0.050	0.095	0.666	0.090	-0.118	0.301	0.398	0.101	-0.112	0.327	0.366	0.112	-2.869	2.445	0.684	:1)	DCER(18 Sphingolipids	Dihydroceramide
AL	AUC	Insulin	id_120	-0.006	-0.087	0.076	0.894	0.108	-0.100	0.317	0.326	0.101	-0.108	0.326	0.354	-0.063	-3.715	3.853	0.932	:0)	DCER(20 Sphingolipids	Dihydroceramide
AL	AUC	Insulin	id_121	-0.002	-0.059	0.043	0.936	0.103	-0.102	0.317	0.312	0.101	-0.106	0.322	0.332	-0.016	-1.625	1.307	0.984	:1)	DCER(20 Sphingolipids	Dihydroceramide
AL	AUC	Insulin	id_122	-0.010	-0.118	0.094	0.826	0.111	-0.074	0.310	0.226	0.101	-0.104	0.333	0.324	-0.098	-5.155	3.225	0.974	:0)	DCER(22 Sphingolipids	Dihydroceramide
AL	AUC	Insulin	id_123	0.004	-0.075	0.071	0.852	0.097	-0.093	0.310	0.298	0.101	-0.104	0.328	0.328	0.044	-3.022	2.096	0.772	:1)	DCER(22 Sphingolipids	Dihydroceramide
AL	AUC	Insulin	id_124	-0.014	-0.089	0.053	0.648	0.115	-0.112	0.344	0.304	0.101	-0.134	0.334	0.388	-0.135	-2.725	1.920	0.884	:2)	DCER(22 Sphingolipids	Dihydroceramide
AL	AUC	Insulin	id_125	-0.012	-0.098	0.089	0.784	0.114	-0.093	0.319	0.308	0.101	-0.107	0.322	0.376	-0.122	-3.840	2.990	0.964	:0)	DCER(24 Sphingolipids	Dihydroceramide

AL	AUC																	DCER(24	Sphingolipid	Dihydrocera
	Insulin	id_126	-0.016	-0.096	0.048	0.636	0.117	-0.090	0.334	0.308	0.101	-0.115	0.326	0.402	-0.154	-2.991	2.965	0.854 :1)	s	mide
AL	AUC																	DCER(26	Sphingolipid	Dihydrocera
	Insulin	id_128	-0.003	-0.035	0.024	0.874	0.104	-0.133	0.332	0.352	0.101	-0.127	0.325	0.364	-0.030	-0.947	0.862	0.930 :1)	s	mide
AL	AUC																	HCER(14	Sphingolipid	Hexosylcera
	Insulin	id_129	0.002	-0.023	0.023	0.962	0.100	-0.113	0.319	0.362	0.101	-0.110	0.314	0.372	0.016	-0.600	0.784	0.958 :0)	s	mide
AL	AUC																	HCER(16	Sphingolipid	Hexosylcera
	Insulin	id_130	-0.001	-0.025	0.022	0.900	0.102	-0.102	0.323	0.368	0.101	-0.102	0.318	0.380	-0.008	-0.470	0.901	0.916 :0)	s	mide
AL	AUC																	HCER(18	Sphingolipid	Hexosylcera
	Insulin	id_131	0.002	-0.022	0.038	0.802	0.099	-0.121	0.310	0.426	0.101	-0.114	0.318	0.396	0.023	-0.743	0.846	0.874 :0)	s	mide
AL	AUC																	HCER(18	Sphingolipid	Hexosylcera
	Insulin	id_132	-0.015	-0.075	0.024	0.480	0.116	-0.107	0.333	0.312	0.101	-0.120	0.321	0.398	-0.149	-2.140	2.067	0.726 :1)	s	mide
AL	AUC																	HCER(20	Sphingolipid	Hexosylcera
	Insulin	id_133	0.010	-0.017	0.048	0.550	0.091	-0.119	0.302	0.422	0.101	-0.117	0.314	0.360	0.098	-1.183	1.339	0.686 :0)	s	mide
AL	AUC																	HCER(20	Sphingolipid	Hexosylcera
	Insulin	id_134	-0.015	-0.081	0.030	0.476	0.116	-0.105	0.329	0.308	0.101	-0.123	0.324	0.390	-0.144	-2.580	2.143	0.738 :1)	s	mide
AL	AUC																	HCER(22	Sphingolipid	Hexosylcera
	Insulin	id_135	0.001	-0.028	0.031	0.960	0.100	-0.127	0.315	0.394	0.101	-0.127	0.313	0.388	0.014	-0.897	0.796	0.932 :0)	s	mide
AL	AUC																	HCER(22	Sphingolipid	Hexosylcera
	Insulin	id_136	-0.007	-0.052	0.014	0.548	0.108	-0.107	0.327	0.336	0.101	-0.115	0.312	0.372	-0.064	-1.544	1.197	0.704 :1)	s	mide
AL	AUC																	HCER(24	Sphingolipid	Hexosylcera
	Insulin	id_137	-0.003	-0.047	0.025	0.788	0.105	-0.117	0.334	0.386	0.101	-0.119	0.324	0.406	-0.034	-1.079	0.890	0.862 :0)	s	mide
AL	AUC																	HCER(24	Sphingolipid	Hexosylcera
	Insulin	id_138	0.002	-0.018	0.023	0.868	0.099	-0.119	0.315	0.354	0.101	-0.112	0.312	0.348	0.021	-0.617	0.758	0.948 :1)	s	mide
AL	AUC																	HCER(26	Sphingolipid	Hexosylcera
	Insulin	id_139	0.007	-0.067	0.079	0.844	0.094	-0.102	0.306	0.372	0.101	-0.108	0.316	0.354	0.068	-1.963	2.464	0.770 :0)	s	mide
AL	AUC																	LCER(14:	Sphingolipid	Lactosylcera
	Insulin	id_141	0.004	-0.046	0.034	0.952	0.097	-0.117	0.330	0.398	0.101	-0.119	0.338	0.394	0.037	-1.254	1.032	0.950 0)	s	mide
AL	AUC																	LCER(16:	Sphingolipid	Lactosylcera
	Insulin	id_142	-0.002	-0.054	0.056	0.908	0.103	-0.102	0.307	0.324	0.101	-0.113	0.308	0.316	-0.019	-2.865	1.061	0.988 0)	s	mide
AL	AUC																	LCER(18:	Sphingolipid	Lactosylcera
	Insulin	id_144	0.002	-0.026	0.032	0.910	0.099	-0.108	0.329	0.370	0.101	-0.107	0.324	0.364	0.021	-0.657	0.640	0.982 1)	s	mide
AL	AUC																	LCER(20:	Sphingolipid	Lactosylcera
	Insulin	id_145	-0.001	-0.044	0.044	0.972	0.102	-0.103	0.323	0.366	0.101	-0.107	0.329	0.368	-0.010	-1.442	1.262	0.912 0)	s	mide
AL	AUC																	LCER(20:	Sphingolipid	Lactosylcera
	Insulin	id_146	0.005	-0.039	0.056	0.770	0.096	-0.119	0.315	0.372	0.101	-0.110	0.327	0.332	0.049	-1.513	1.754	0.822 1)	s	mide
AL	AUC																	LCER(22:	Sphingolipid	Lactosylcera
	Insulin	id_147	0.002	-0.028	0.032	0.918	0.099	-0.121	0.315	0.386	0.101	-0.115	0.317	0.376	0.018	-1.015	1.216	0.906 0)	s	mide
AL	AUC																	LCER(22:	Sphingolipid	Lactosylcera
	Insulin	id_148	0.000	-0.024	0.024	0.934	0.101	-0.108	0.313	0.424	0.101	-0.105	0.310	0.428	0.005	-0.624	0.685	0.978 1)	s	mide

AL	AUC	Insulin	id_149	0.014	-0.031	0.069	0.556	0.087	-0.123	0.313	0.420	0.101	-0.115	0.325	0.344	0.137	-1.693	1.510	0.648	LCER(24:0)	Sphingolipids	Lactosylceramide
AL	AUC	Insulin	id_152	-0.003	-0.037	0.026	0.858	0.104	-0.105	0.325	0.298	0.101	-0.100	0.326	0.312	-0.032	-0.878	0.826	0.870	LCER(26:1)	Sphingolipids	Lactosylceramide
AL	AUC	Insulin	id_154	0.007	-0.018	0.052	0.652	0.094	-0.124	0.303	0.406	0.101	-0.107	0.312	0.360	0.067	-1.310	1.459	0.840	LPC(15:0)	Lysophosphatidylcholine	LPC Ester
AL	AUC	Insulin	id_157	0.006	-0.039	0.050	0.802	0.095	-0.112	0.327	0.412	0.101	-0.114	0.332	0.386	0.057	-1.462	1.794	0.764	LPC(17:0)	Lysophosphatidylcholine	LPC Ester
AL	AUC	Insulin	id_170	0.000	-0.029	0.023	0.964	0.101	-0.110	0.333	0.372	0.101	-0.101	0.322	0.362	0.004	-0.637	0.714	0.946	LPC(22:6)	Lysophosphatidylcholine	LPC Ester
AL	AUC	Insulin	id_181	-0.002	-0.028	0.026	0.972	0.103	-0.113	0.326	0.374	0.101	-0.110	0.316	0.368	-0.017	-0.521	0.660	0.952	LPE(20:4)	Lysophosphatidylethanolamine	LPE Ester
AL	AUC	Insulin	id_186	0.000	-0.025	0.029	0.992	0.101	-0.131	0.323	0.346	0.101	-0.131	0.318	0.336	0.002	-0.891	0.837	0.996	MAG(12:0)	MAG	Ester
AL	AUC	Insulin	id_188	0.015	-0.028	0.068	0.450	0.086	-0.144	0.305	0.476	0.101	-0.132	0.331	0.402	0.147	-1.661	1.791	0.640	MAG(14:1)	MAG	Ester
AL	AUC	Insulin	id_189	0.000	-0.026	0.022	0.918	0.102	-0.120	0.315	0.350	0.101	-0.119	0.311	0.358	-0.005	-0.478	0.632	0.968	MAG(15:0)	MAG	Ester
AL	AUC	Insulin	id_195	0.001	-0.046	0.047	0.984	0.100	-0.123	0.323	0.404	0.101	-0.125	0.323	0.414	0.013	-1.402	1.629	0.922	MAG(18:2)	MAG	Ester
AL	AUC	Insulin	id_203	0.000	-0.024	0.029	0.932	0.101	-0.123	0.309	0.382	0.101	-0.122	0.306	0.364	-0.002	-0.663	1.011	0.964	MAG(20:5)	MAG	Ester
AL	AUC	Insulin	id_204	0.000	-0.029	0.033	0.908	0.101	-0.096	0.323	0.370	0.101	-0.097	0.325	0.366	0.004	-0.721	0.714	0.938	MAG(22:0)	MAG	Ester
AL	AUC	Insulin	id_205	-0.005	-0.053	0.038	0.784	0.106	-0.114	0.320	0.308	0.101	-0.119	0.321	0.340	-0.051	-1.655	1.300	0.924	MAG(22:1)	MAG	Ester
AL	AUC	Insulin	id_208	0.002	-0.025	0.025	0.998	0.100	-0.119	0.327	0.362	0.101	-0.119	0.326	0.344	0.016	-0.520	0.611	0.970	MAG(22:5)	MAG	Ester
AL	AUC	Insulin	id_209	0.004	-0.036	0.050	0.886	0.097	-0.121	0.302	0.382	0.101	-0.117	0.319	0.354	0.044	-1.066	1.704	0.884	MAG(22:6)	MAG	Ester
AL	AUC	Insulin	id_228	-0.001	-0.028	0.025	0.966	0.102	-0.133	0.314	0.390	0.101	-0.138	0.313	0.378	-0.006	-0.733	0.704	0.972	PC(15:0/18:2)	Phosphatidylcholine	PC Ester
AL	AUC	Insulin	id_230	-0.021	-0.072	0.036	0.440	0.122	-0.094	0.340	0.284	0.101	-0.106	0.327	0.368	-0.205	-2.616	3.382	0.692	PC(15:0/20:4)	Phosphatidylcholine	PC Ester
AL	AUC	Insulin	id_241	-0.007	-0.059	0.050	0.838	0.108	-0.105	0.328	0.304	0.101	-0.113	0.329	0.344	-0.069	-2.449	1.291	0.950	PC(16:0/18:2)	Phosphatidylcholine	PC Ester

AL	AUC	Insulin	id_254	0.000	-0.025	0.019	0.900	0.101	-0.125	0.345	0.374	0.101	-0.129	0.331	0.384	0.002	-0.665	0.741	0.920	PC(17:0/18:2)	Phosphatidyl choline	PC Ester
AL	AUC	Insulin	id_257	0.004	-0.040	0.046	0.826	0.097	-0.117	0.316	0.402	0.101	-0.119	0.330	0.398	0.037	-1.347	1.426	0.812	PC(17:0/20:4)	Phosphatidyl choline	PC Ester
AL	AUC	Insulin	id_272	0.014	-0.059	0.097	0.756	0.088	-0.098	0.289	0.364	0.101	-0.099	0.324	0.362	0.134	-2.132	2.676	0.738	PC(18:0/20:4)	Phosphatidyl choline	PC Ester
AL	AUC	Insulin	id_279	0.000	-0.036	0.020	0.842	0.101	-0.102	0.321	0.336	0.101	-0.103	0.317	0.350	0.000	-0.756	0.888	0.844	PC(18:1/18:2)	Phosphatidyl choline	PC Ester
AL	AUC	Insulin	id_283	-0.027	-0.097	0.013	0.246	0.129	-0.071	0.341	0.244	0.101	-0.112	0.315	0.370	-0.271	-5.283	2.311	0.580	PC(18:1/20:3)	Phosphatidyl choline	PC Ester
AL	AUC	Insulin	id_284	-0.005	-0.061	0.050	0.910	0.106	-0.101	0.308	0.312	0.101	-0.109	0.316	0.366	-0.049	-2.365	2.197	0.944	PC(18:1/20:4)	Phosphatidyl choline	PC Ester
AL	AUC	Insulin	id_289	-0.010	-0.055	0.029	0.642	0.112	-0.102	0.309	0.390	0.101	-0.117	0.304	0.440	-0.102	-1.414	1.465	0.882	PC(18:2/16:1)	Phosphatidyl choline	PC Ester
AL	AUC	Insulin	id_354	-0.005	-0.036	0.023	0.770	0.106	-0.116	0.317	0.348	0.101	-0.115	0.315	0.364	-0.046	-1.002	0.861	0.882	PE(18:1/22:0)	Phosphatidyl ethanolamine	PE Ester
AL	AUC	Insulin	id_386	-0.009	-0.083	0.076	0.798	0.110	-0.095	0.316	0.286	0.101	-0.113	0.322	0.364	-0.086	-2.500	3.116	0.986	PE(P-16:0/18:1)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	AUC	Insulin	id_398	0.011	-0.049	0.060	0.684	0.090	-0.108	0.303	0.400	0.101	-0.110	0.322	0.368	0.107	-2.047	1.659	0.692	PE(P-18:0/16:0)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	AUC	Insulin	id_405	0.011	-0.049	0.084	0.736	0.090	-0.119	0.289	0.390	0.101	-0.117	0.319	0.408	0.106	-2.290	1.875	0.712	PE(P-18:0/20:3)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	AUC	Insulin	id_414	-0.008	-0.085	0.063	0.788	0.109	-0.097	0.324	0.312	0.101	-0.127	0.315	0.354	-0.082	-2.600	2.752	0.970	PE(P-18:1/18:1)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	AUC	Insulin	id_448	0.020	-0.062	0.115	0.584	0.082	-0.125	0.284	0.452	0.101	-0.122	0.332	0.388	0.193	-1.807	3.372	0.556	SM(14:0)	Sphingolipids	Sphingomyelin
AL	AUC	Insulin	id_449	0.010	-0.048	0.084	0.706	0.091	-0.120	0.315	0.416	0.101	-0.115	0.332	0.362	0.103	-2.592	2.233	0.740	SM(16:0)	Sphingolipids	Sphingomyelin
AL	AUC	Insulin	id_450	0.015	-0.057	0.093	0.662	0.087	-0.126	0.302	0.440	0.101	-0.118	0.321	0.356	0.144	-2.510	3.802	0.686	SM(18:0)	Sphingolipids	Sphingomyelin
AL	AUC	Insulin	id_451	0.014	-0.059	0.086	0.654	0.087	-0.110	0.308	0.404	0.101	-0.101	0.333	0.340	0.139	-2.469	3.257	0.646	SM(18:1)	Sphingolipids	Sphingomyelin
AL	AUC	Insulin	id_452	0.001	-0.052	0.077	0.970	0.100	-0.111	0.316	0.398	0.101	-0.127	0.328	0.378	0.014	-2.131	2.742	0.884	SM(20:0)	Sphingolipids	Sphingomyelin
AL	AUC	Insulin	id_453	0.003	-0.065	0.074	0.950	0.099	-0.096	0.312	0.344	0.101	-0.098	0.322	0.352	0.026	-3.183	2.955	0.802	SM(20:1)	Sphingolipids	Sphingomyelin

AL	AUC	Insulin	id_454	0.008	-0.059	0.088	0.790	0.093	-0.108	0.293	0.368	0.101	-0.102	0.303	0.344	0.083	-1.903	2.010	0.774	SM(22:0)	Sphingolipid s	Sphingomyelin
AL	AUC	Insulin	id_455	0.014	-0.065	0.116	0.732	0.087	-0.122	0.311	0.432	0.101	-0.121	0.326	0.360	0.141	-2.213	2.803	0.712	SM(22:1)	Sphingolipid s	Sphingomyelin
AL	AUC	Insulin	id_456	-0.025	-0.110	0.056	0.520	0.126	-0.067	0.325	0.186	0.101	-0.088	0.316	0.330	-0.245	-4.273	3.229	0.778	SM(24:0)	Sphingolipid s	Sphingomyelin
AL	AUC	Insulin	id_457	-0.009	-0.072	0.057	0.762	0.110	-0.108	0.327	0.332	0.101	-0.106	0.332	0.378	-0.086	-2.578	1.707	0.932	SM(24:1)	Sphingolipid s	Sphingomyelin
AL	AUC	Insulin	id_458	-0.013	-0.057	0.034	0.556	0.114	-0.101	0.348	0.300	0.101	-0.113	0.341	0.340	-0.127	-1.833	1.271	0.748	SM(26:0)	Sphingolipid s	Sphingomyelin
AL	AUC	Insulin	id_459	-0.003	-0.039	0.023	0.788	0.105	-0.111	0.327	0.356	0.101	-0.117	0.322	0.362	-0.033	-1.546	0.609	0.862	SM(26:1)	Sphingolipid s	Sphingomyelin
AL	AUC	Insulin	id_660	-0.007	-0.099	0.090	0.872	0.109	-0.092	0.302	0.284	0.101	-0.129	0.320	0.386	-0.074	-3.707	3.248	0.874	TAG51:3- FA16:0	Triacylglycerol	TAG Ester
AL	AUC	Insulin	id_663	-0.010	-0.070	0.042	0.738	0.111	-0.097	0.329	0.338	0.101	-0.119	0.319	0.398	-0.099	-2.449	1.971	0.980	TAG51:3- FA18:1	Triacylglycerol	TAG Ester
AL	AUC	Insulin	id_667	0.002	-0.079	0.092	0.926	0.099	-0.093	0.293	0.298	0.101	-0.110	0.314	0.336	0.020	-3.295	5.121	0.818	TAG51:4- FA16:0	Triacylglycerol	TAG Ester
AL	AUC	Insulin	id_755	0.070	-0.001	0.156	0.052	0.032	-0.171	0.245	0.804	0.101	-0.107	0.318	0.360	0.687	-5.630	6.236	0.368	TAG53:3- FA18:0	Triacylglycerol	TAG Ester
AL	AUC	Insulin	id_760	0.013	-0.057	0.085	0.692	0.088	-0.110	0.280	0.430	0.101	-0.104	0.304	0.372	0.128	-2.039	2.318	0.676	TAG53:4- FA18:0	Triacylglycerol	TAG Ester
AL	AUC	Insulin	id_761	-0.006	-0.072	0.058	0.904	0.107	-0.104	0.321	0.276	0.101	-0.121	0.328	0.342	-0.060	-2.660	2.167	0.922	TAG53:4- FA18:1	Triacylglycerol	TAG Ester
AL	AUC	Insulin	id_765	0.018	-0.053	0.096	0.594	0.083	-0.126	0.282	0.446	0.101	-0.124	0.307	0.380	0.178	-2.339	3.493	0.650	TAG53:5- FA18:1	Triacylglycerol	TAG Ester
AL	AUC	Insulin	id_766	-0.001	-0.054	0.070	0.960	0.102	-0.103	0.319	0.360	0.101	-0.102	0.336	0.360	-0.011	-2.181	1.456	0.860	TAG53:5- FA18:2	Triacylglycerol	TAG Ester
AL	AUC	Insulin	id_769	0.022	-0.034	0.092	0.426	0.079	-0.140	0.284	0.494	0.101	-0.130	0.315	0.378	0.216	-1.505	2.507	0.520	TAG53:6- FA18:1	Triacylglycerol	TAG Ester
AL	AUC	Insulin	id_770	-0.007	-0.072	0.066	0.846	0.108	-0.091	0.302	0.312	0.101	-0.106	0.303	0.330	-0.068	-3.957	2.022	0.984	TAG53:6- FA18:2	Triacylglycerol	TAG Ester
AL	AUC	Insulin	id_771	-0.005	-0.072	0.060	0.932	0.106	-0.093	0.305	0.274	0.101	-0.102	0.308	0.314	-0.045	-2.337	2.616	0.918	TAG53:6- FA18:3	Triacylglycerol	TAG Ester
AL	AUC	Insulin	id_773	-0.004	-0.061	0.045	0.830	0.105	-0.098	0.323	0.318	0.101	-0.104	0.309	0.328	-0.041	-1.578	2.040	0.930	TAG53:7- FA18:3	Triacylglycerol	TAG Ester
AL	AUC	Insulin	id_856	-0.005	-0.073	0.063	0.850	0.106	-0.101	0.304	0.342	0.101	-0.120	0.297	0.394	-0.051	-2.186	4.007	0.928	TAG55:6- FA18:1	Triacylglycerol	TAG Ester
AL	AUC	Insulin	id_857	0.014	-0.026	0.072	0.496	0.087	-0.118	0.306	0.400	0.101	-0.110	0.317	0.332	0.139	-1.505	1.625	0.624	TAG55:6- FA20:3	Triacylglycerol	TAG Ester

AL	AUC	Insulin	id_860	0.003	-0.082	0.062	0.906	0.098	-0.108	0.311	0.324	0.101	-0.118	0.323	0.334	0.035	-2.893	2.226	0.804	TAG55:7- Triacylglycer		
	FA18:1																			ol	TAG Ester	
AL	AUC	Insulin	id_861	0.010	-0.022	0.058	0.566	0.092	-0.122	0.311	0.464	0.101	-0.108	0.315	0.410	0.095	-0.991	1.332	0.708	TAG55:7- Triacylglycer		
	FA20:3																			ol	TAG Ester	
AL	AUC	Insulin	id_862	-0.013	-0.077	0.044	0.658	0.114	-0.101	0.320	0.310	0.101	-0.115	0.320	0.376	-0.126	-3.538	2.093	0.854	TAG55:7- Triacylglycer		
	FA20:4																			ol	TAG Ester	
AL	AUC	Insulin	id_864	0.002	-0.048	0.059	0.942	0.100	-0.105	0.307	0.344	0.101	-0.108	0.320	0.348	0.017	-2.058	2.041	0.842	TAG55:8- Triacylglycer		
	FA20:4																			ol	TAG Ester	
AL	AUC	Insulin	id_939	0.007	-0.034	0.056	0.762	0.094	-0.123	0.308	0.438	0.101	-0.127	0.317	0.398	0.072	-1.425	1.677	0.828	TAG57:9- Triacylglycer		
	FA22:6																			ol	TAG Ester	
AL	AUC	Insulin	id_978	-0.026	-0.134	0.065	0.594	0.128	-0.074	0.339	0.218	0.101	-0.121	0.336	0.378	-0.262	-4.710	4.565	0.896	Neutral Complex		
	Total CE																			Lipids SUM	Cholesteryl Esters	
AL	AUC	Insulin	id_979	-0.003	-0.108	0.099	0.912	0.104	-0.105	0.301	0.280	0.101	-0.120	0.324	0.358	-0.031	-3.070	3.613	0.898	Total Sphingolipid		
	CER SUM																				Ceramides	
AL	AUC	Insulin	id_981	-0.023	-0.112	0.070	0.566	0.124	-0.079	0.331	0.254	0.101	-0.123	0.323	0.372	-0.226	-4.757	3.203	0.862	Total Sphingolipid		
	DCER SUM																				Dihydrocera mides	
AL	AUC	Insulin	id_982	-0.001	-0.034	0.026	0.908	0.102	-0.139	0.345	0.380	0.101	-0.139	0.330	0.386	-0.007	-0.838	0.648	0.910	Total Sphingolipid		
	HCER SUM																				Hexosylcera mides	
AL	AUC	Insulin	id_983	0.001	-0.047	0.051	0.974	0.100	-0.121	0.340	0.348	0.101	-0.126	0.340	0.334	0.008	-1.862	1.489	0.936	Total Sphingolipid		
	LCER SUM																				Lactosylcera mides	
AL	AUC	Insulin	id_987	-0.019	-0.095	0.055	0.568	0.120	-0.079	0.325	0.264	0.101	-0.112	0.316	0.372	-0.190	-2.713	4.318	0.852	Phospholipid		
	Total PC SUM																				Phosphatidyl cholines	
AL	AUC	Insulin	id_990	0.008	-0.065	0.095	0.834	0.094	-0.127	0.292	0.376	0.101	-0.119	0.318	0.362	0.075	-3.063	2.831	0.776	Sphingolipid		
	Total SM SUM																				Sphingomyel ins	
AL	AUC	Insulin	id_039	-0.011	-0.046	0.007	0.322	0.112	-0.099	0.339	0.314	0.101	-0.109	0.318	0.364	-0.108	-1.540	1.092	0.582	Cholesterol		
	CE(22:1) Ester																				CE Ester	
AL	AUC	Insulin	id_060	-0.008	-0.093	0.034	0.676	0.109	-0.105	0.336	0.304	0.101	-0.118	0.319	0.390	-0.080	-2.427	2.550	0.886	DAG(12: Diacylglycer		
	0/18:1) ol																				DAG Ester	
AL	AUC	Insulin	id_071	-0.012	-0.086	0.070	0.680	0.114	-0.101	0.318	0.294	0.101	-0.116	0.318	0.348	-0.123	-3.207	1.756	0.888	DAG(14: Diacylglycer		
	1/16:0) ol																				DAG Ester	
AL	AUC	Insulin	id_072	-0.003	-0.044	0.042	0.942	0.104	-0.108	0.323	0.346	0.101	-0.118	0.329	0.358	-0.025	-1.207	1.481	0.924	DAG(14: Diacylglycer		
	1/18:1) ol																				DAG Ester	
AL	AUC	Insulin	id_150	0.012	-0.050	0.087	0.748	0.090	-0.111	0.324	0.448	0.101	-0.108	0.332	0.380	0.114	-2.156	3.129	0.748	LCER(24: Sphingolipid		
	1) s																				Lactosylcera mide	
AL	AUC	Insulin	id_151	0.010	-0.023	0.050	0.606	0.091	-0.130	0.314	0.442	0.101	-0.120	0.305	0.408	0.097	-0.956	1.201	0.742	LCER(26: Sphingolipid		
	0) s																				Lactosylcera mide	
AL	AUC	Insulin	id_160	-0.002	-0.061	0.064	0.962	0.103	-0.110	0.328	0.338	0.101	-0.118	0.326	0.364	-0.019	-2.455	2.970	0.926	LPC(18:2 Lysophospha		
	) tidylcholine																				LPC Ester	

AL	AUC	Insulin	id_196	-0.019	-0.104	0.049	0.612	0.120	-0.083	0.337	0.286	0.101	-0.124	0.330	0.400	-0.186	-4.254	3.848	0.892	MAG(18:3)	MAG	Ester
AL	AUC	Insulin	id_199	-0.023	-0.086	0.015	0.304	0.124	-0.102	0.349	0.298	0.101	-0.124	0.320	0.416	-0.223	-2.501	3.483	0.608	MAG(20:1)	MAG	Ester
AL	AUC	Insulin	id_200	-0.009	-0.068	0.021	0.612	0.110	-0.103	0.335	0.334	0.101	-0.116	0.327	0.376	-0.085	-1.785	1.475	0.804	MAG(20:2)	MAG	Ester
AL	AUC	Insulin	id_201	-0.004	-0.065	0.026	0.724	0.105	-0.108	0.324	0.338	0.101	-0.119	0.320	0.380	-0.036	-1.304	1.736	0.940	MAG(20:3)	MAG	Ester
AL	AUC	Insulin	id_251	-0.002	-0.029	0.022	0.886	0.104	-0.113	0.333	0.360	0.101	-0.112	0.326	0.368	-0.023	-0.708	0.733	0.918	PC(16:0/22:6)	Phosphatidylcholine	PC Ester
AL	AUC	Insulin	id_288	-0.009	-0.055	0.019	0.630	0.110	-0.108	0.318	0.312	0.101	-0.115	0.305	0.348	-0.092	-1.389	1.051	0.746	PC(18:1/22:6)	Phosphatidylcholine	PC Ester
AL	AUC	Insulin	id_293	-0.001	-0.031	0.030	0.938	0.102	-0.117	0.326	0.388	0.101	-0.115	0.317	0.396	-0.012	-1.067	0.973	0.954	PC(18:2/20:2)	Phosphatidylcholine	PC Ester
AL	AUC	Insulin	id_298	-0.013	-0.063	0.016	0.432	0.115	-0.098	0.346	0.294	0.101	-0.117	0.331	0.358	-0.132	-2.270	1.830	0.654	PC(18:2/22:5)	Phosphatidylcholine	PC Ester
AL	AUC	Insulin	id_332	0.028	-0.041	0.099	0.362	0.073	-0.134	0.265	0.484	0.101	-0.107	0.309	0.368	0.280	-3.124	3.213	0.506	PE(18:0/18:0)	Phosphatidylethanolamine	PE Ester
AL	AUC	Insulin	id_359	0.017	-0.059	0.072	0.598	0.084	-0.120	0.277	0.398	0.101	-0.103	0.298	0.382	0.167	-2.825	1.863	0.660	PE(18:2/16:1)	Phosphatidylethanolamine	PE Ester
AL	AUC	Insulin	id_366	-0.006	-0.049	0.030	0.772	0.107	-0.110	0.315	0.376	0.101	-0.115	0.304	0.396	-0.058	-1.300	0.872	0.876	PE(O-16:0/18:2)	Phosphatidylethanolamine	PE Ether
AL	AUC	Insulin	id_368	0.008	-0.049	0.066	0.744	0.093	-0.111	0.296	0.406	0.101	-0.106	0.315	0.364	0.083	-2.821	1.765	0.764	PE(O-16:0/20:4)	Phosphatidylethanolamine	PE Ether
AL	AUC	Insulin	id_372	0.012	-0.036	0.060	0.604	0.089	-0.120	0.308	0.378	0.101	-0.113	0.326	0.336	0.118	-2.230	1.772	0.692	PE(O-16:0/22:6)	Phosphatidylethanolamine	PE Ether
AL	AUC	Insulin	id_378	0.016	-0.052	0.102	0.648	0.085	-0.127	0.299	0.446	0.101	-0.132	0.329	0.390	0.156	-2.000	3.238	0.626	PE(O-18:0/20:4)	Phosphatidylethanolamine	PE Ether
AL	AUC	Insulin	id_381	0.007	-0.066	0.067	0.862	0.094	-0.100	0.309	0.424	0.101	-0.108	0.315	0.412	0.069	-2.610	3.055	0.750	PE(O-18:0/22:5)	Phosphatidylethanolamine	PE Ether
AL	AUC	Insulin	id_382	0.012	-0.022	0.055	0.484	0.089	-0.114	0.305	0.422	0.101	-0.109	0.324	0.358	0.122	-1.075	1.856	0.618	PE(O-18:0/22:6)	Phosphatidylethanolamine	PE Ether

AL	AUC	id_387	-0.015	-0.078	0.032	0.522	0.116	-0.104	0.339	0.272	0.101	-0.114	0.336	0.348	-0.150	-2.230	2.058	0.738	PE(P-16:0/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	AUC	id_392	-0.004	-0.064	0.063	0.928	0.105	-0.084	0.322	0.282	0.101	-0.089	0.334	0.304	-0.035	-2.468	3.143	0.916	PE(P-16:0/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	AUC	id_395	0.019	-0.081	0.137	0.708	0.082	-0.108	0.279	0.412	0.101	-0.127	0.331	0.360	0.191	-3.494	3.405	0.600	PE(P-16:0/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	AUC	id_396	0.017	-0.035	0.069	0.502	0.084	-0.124	0.302	0.430	0.101	-0.120	0.318	0.364	0.167	-1.241	1.697	0.574	PE(P-16:0/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	AUC	id_401	0.006	-0.074	0.087	0.880	0.095	-0.126	0.297	0.408	0.101	-0.129	0.308	0.382	0.060	-3.037	2.923	0.790	PE(P-18:0/18:1)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	AUC	id_402	-0.008	-0.064	0.049	0.776	0.109	-0.098	0.318	0.314	0.101	-0.110	0.319	0.384	-0.077	-2.139	2.052	0.940	PE(P-18:0/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	AUC	id_406	0.009	-0.072	0.101	0.878	0.093	-0.103	0.298	0.356	0.101	-0.123	0.326	0.340	0.085	-2.524	3.494	0.770	PE(P-18:0/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	AUC	id_409	-0.002	-0.090	0.091	0.980	0.103	-0.103	0.318	0.344	0.101	-0.118	0.327	0.374	-0.021	-3.070	2.539	0.866	PE(P-18:0/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	AUC	id_410	0.021	-0.033	0.079	0.350	0.080	-0.126	0.278	0.444	0.101	-0.108	0.309	0.348	0.210	-1.861	2.171	0.486	PE(P-18:0/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	AUC	id_411	0.001	-0.077	0.074	0.926	0.100	-0.109	0.316	0.408	0.101	-0.115	0.330	0.424	0.012	-2.899	2.282	0.806	PE(P-18:1/16:0)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	AUC	id_415	-0.013	-0.079	0.035	0.596	0.115	-0.107	0.318	0.286	0.101	-0.113	0.315	0.364	-0.133	-1.368	2.510	0.816	PE(P-18:1/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	AUC	id_419	-0.010	-0.082	0.075	0.804	0.111	-0.090	0.335	0.294	0.101	-0.119	0.338	0.376	-0.095	-2.240	3.082	0.960	PE(P-18:1/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	AUC	id_421	-0.033	-0.113	0.025	0.280	0.134	-0.090	0.334	0.246	0.101	-0.123	0.304	0.380	-0.322	-3.745	2.669	0.612	PE(P-18:1/22:4)	Phosphatidyl ethanolamine	PE Plasmalogen

AL	AUC	id_422	0.028	-0.080	0.140	0.594	0.073	-0.112	0.279	0.406	0.101	-0.106	0.321	0.308	0.275	-2.701	3.556	0.534	PE(P-18:1/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	AUC	id_423	0.010	-0.047	0.054	0.678	0.092	-0.115	0.314	0.374	0.101	-0.113	0.323	0.330	0.094	-2.592	2.791	0.700	PE(P-18:1/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	AUC	id_424	-0.008	-0.051	0.026	0.650	0.110	-0.107	0.301	0.350	0.101	-0.115	0.293	0.396	-0.084	-1.369	1.578	0.870	PE(P-18:2/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	AUC	id_425	-0.002	-0.055	0.047	0.974	0.103	-0.101	0.326	0.336	0.101	-0.098	0.334	0.340	-0.018	-1.541	1.965	0.930	PE(P-18:2/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	AUC	id_755	-0.001	-0.034	0.005	0.418	-0.235	-0.359	-0.097	0.000	-0.236	-0.361	-0.102	0.000	0.005	-0.027	0.147	0.418	TAG53:3-FA18:0	Triacylglycerol	TAG Ester
CR	AUC	id_387	-0.008	-0.040	0.013	0.418	-0.228	-0.358	-0.090	0.000	-0.236	-0.361	-0.107	0.000	0.035	-0.051	0.242	0.418	PE(P-16:0/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	AUC	id_761	-0.002	-0.064	0.004	0.432	-0.234	-0.359	-0.088	0.000	-0.236	-0.363	-0.100	0.000	0.007	-0.016	0.305	0.432	TAG53:4-FA18:1	Triacylglycerol	TAG Ester
CR	AUC	id_761	-0.002	-0.064	0.004	0.432	-0.234	-0.359	-0.088	0.000	-0.236	-0.363	-0.100	0.000	0.007	-0.016	0.305	0.432	TAG53:4-FA18:1	Triacylglycerol	TAG Ester
CR	AUC	id_861	-0.002	-0.024	0.013	0.434	-0.234	-0.367	-0.107	0.000	-0.236	-0.368	-0.107	0.000	0.007	-0.077	0.098	0.434	TAG55:7-FA20:3	Triacylglycerol	TAG Ester
CR	AUC	id_861	-0.002	-0.024	0.013	0.434	-0.234	-0.367	-0.107	0.000	-0.236	-0.368	-0.107	0.000	0.007	-0.077	0.098	0.434	TAG55:7-FA20:3	Triacylglycerol	TAG Ester
CR	AUC	id_046	-0.008	-0.058	0.014	0.454	-0.228	-0.347	-0.099	0.000	-0.236	-0.362	-0.104	0.000	0.032	-0.077	0.248	0.454	CER(14:0)	Sphingolipids	Ceramide
CR	AUC	id_396	-0.006	-0.023	0.013	0.454	-0.230	-0.358	-0.093	0.000	-0.236	-0.363	-0.098	0.000	0.024	-0.073	0.111	0.454	PE(P-16:0/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	AUC	id_046	-0.008	-0.058	0.014	0.454	-0.228	-0.347	-0.099	0.000	-0.236	-0.362	-0.104	0.000	0.032	-0.077	0.248	0.454	CER(14:0)	Sphingolipids	Ceramide
CR	AUC	id_396	-0.006	-0.023	0.013	0.454	-0.230	-0.358	-0.093	0.000	-0.236	-0.363	-0.098	0.000	0.024	-0.073	0.111	0.454	PE(P-16:0/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	AUC	id_284	-0.005	-0.026	0.012	0.462	-0.231	-0.356	-0.098	0.000	-0.236	-0.358	-0.107	0.000	0.023	-0.059	0.145	0.462	PC(18:1/20:4)	Phosphatidyl choline	PC Ester
CR	AUC	id_284	-0.005	-0.026	0.012	0.462	-0.231	-0.356	-0.098	0.000	-0.236	-0.358	-0.107	0.000	0.023	-0.059	0.145	0.462	PC(18:1/20:4)	Phosphatidyl choline	PC Ester
CR	AUC	id_766	-0.001	-0.048	0.004	0.466	-0.235	-0.362	-0.096	0.000	-0.236	-0.366	-0.109	0.000	0.005	-0.016	0.226	0.466	TAG53:5-FA18:2	Triacylglycerol	TAG Ester

CR	AUC	Insulin	id_766	-0.001	-0.048	0.004	0.466	-0.235	-0.362	-0.096	0.000	-0.236	-0.366	-0.109	0.000	0.005	-0.016	0.226	0.466	TAG53:5- Triacylglycer	FA18:2 ol	TAG Ester
CR	AUC	Insulin	id_142	-0.006	-0.032	0.006	0.472	-0.230	-0.357	-0.099	0.000	-0.236	-0.362	-0.101	0.000	0.024	-0.029	0.165	0.472	LCER(16: Sphingolipid	s	Lactosylcera
CR	AUC	Insulin	id_142	-0.006	-0.032	0.006	0.472	-0.230	-0.357	-0.099	0.000	-0.236	-0.362	-0.101	0.000	0.024	-0.029	0.165	0.472	LCER(16: Sphingolipid	s	Lactosylcera
CR	AUC	Insulin	id_199	-0.006	-0.026	0.019	0.490	-0.230	-0.354	-0.100	0.000	-0.236	-0.356	-0.101	0.000	0.024	-0.106	0.122	0.490	MAG(20: 1)	MAG	Ester
CR	AUC	Insulin	id_199	-0.006	-0.026	0.019	0.490	-0.230	-0.354	-0.100	0.000	-0.236	-0.356	-0.101	0.000	0.024	-0.106	0.122	0.490	MAG(20: 1)	MAG	Ester
CR	AUC	Insulin	id_293	0.005	-0.009	0.022	0.500	-0.241	-0.381	-0.107	0.000	-0.236	-0.371	-0.108	0.000	-0.020	-0.097	0.043	0.500	PC(18:2/ 20:2) Phosphatidyl	choline	PC Ester
CR	AUC	Insulin	id_293	0.005	-0.009	0.022	0.500	-0.241	-0.381	-0.107	0.000	-0.236	-0.371	-0.108	0.000	-0.020	-0.097	0.043	0.500	PC(18:2/ 20:2) Phosphatidyl	choline	PC Ester
CR	AUC	Insulin	id_145	0.005	-0.008	0.024	0.516	-0.241	-0.375	-0.116	0.000	-0.236	-0.370	-0.110	0.000	-0.020	-0.115	0.038	0.516	LCER(20: Sphingolipid	s	Lactosylcera
CR	AUC	Insulin	id_145	0.005	-0.008	0.024	0.516	-0.241	-0.375	-0.116	0.000	-0.236	-0.370	-0.110	0.000	-0.020	-0.115	0.038	0.516	LCER(20: Sphingolipid	s	Lactosylcera
CR	AUC	Insulin	id_422	-0.007	-0.039	0.017	0.518	-0.229	-0.363	-0.089	0.002	-0.236	-0.361	-0.101	0.002	0.030	-0.069	0.200	0.520	PE(P- 18:1/22: ethanolamin	e	PE
CR	AUC	Insulin	id_422	-0.007	-0.039	0.017	0.518	-0.229	-0.363	-0.089	0.002	-0.236	-0.361	-0.101	0.002	0.030	-0.069	0.200	0.520	PE(P- 18:1/22: ethanolamin	e	Plasmalogen
CR	AUC	Insulin	id_149	-0.009	-0.044	0.016	0.524	-0.227	-0.350	-0.103	0.000	-0.236	-0.365	-0.104	0.000	0.037	-0.091	0.190	0.524	LCER(24: Sphingolipid	s	Lactosylcera
CR	AUC	Insulin	id_149	-0.009	-0.044	0.016	0.524	-0.227	-0.350	-0.103	0.000	-0.236	-0.365	-0.104	0.000	0.037	-0.091	0.190	0.524	LCER(24: Sphingolipid	s	Lactosylcera
CR	AUC	Insulin	id_186	-0.003	-0.016	0.010	0.530	-0.233	-0.358	-0.112	0.002	-0.236	-0.360	-0.111	0.000	0.013	-0.048	0.068	0.530	MAG(12: 0)	MAG	Ester
CR	AUC	Insulin	id_186	-0.003	-0.016	0.010	0.530	-0.233	-0.358	-0.112	0.002	-0.236	-0.360	-0.111	0.000	0.013	-0.048	0.068	0.530	MAG(12: 0)	MAG	Ester
CR	AUC	Insulin	id_857	-0.001	-0.025	0.014	0.534	-0.235	-0.367	-0.110	0.000	-0.236	-0.370	-0.111	0.000	0.006	-0.066	0.107	0.534	TAG55:6- Triacylglycer	FA20:3 ol	TAG Ester
CR	AUC	Insulin	id_857	-0.001	-0.025	0.014	0.534	-0.235	-0.367	-0.110	0.000	-0.236	-0.370	-0.111	0.000	0.006	-0.066	0.107	0.534	TAG55:6- Triacylglycer	FA20:3 ol	TAG Ester
CR	AUC	Insulin	id_204	-0.002	-0.014	0.006	0.546	-0.234	-0.364	-0.100	0.000	-0.236	-0.363	-0.105	0.000	0.009	-0.029	0.063	0.546	MAG(22: 0)	MAG	Ester
CR	AUC	Insulin	id_204	-0.002	-0.014	0.006	0.546	-0.234	-0.364	-0.100	0.000	-0.236	-0.363	-0.105	0.000	0.009	-0.029	0.063	0.546	MAG(22: 0)	MAG	Ester

CR	AUC	Insulin	id_765	-0.001	-0.023	0.004	0.548	-0.235	-0.371	-0.108	0.000	-0.236	-0.371	-0.112	0.000	0.004	-0.018	0.101	0.548	TAG53:5- Triacylglycer		
	FA18:1																			ol	TAG Ester	
CR	AUC	Insulin	id_765	-0.001	-0.023	0.004	0.548	-0.235	-0.371	-0.108	0.000	-0.236	-0.371	-0.112	0.000	0.004	-0.018	0.101	0.548	TAG53:5- Triacylglycer		
	FA18:1																			ol	TAG Ester	
CR	AUC	Insulin	id_982	0.003	-0.007	0.015	0.568	-0.239	-0.372	-0.111	0.004	-0.236	-0.369	-0.108	0.002	-0.013	-0.079	0.033	0.570	Total	Sphingolipid	Hexosylcera
	HCER																			SUM	mides	
CR	AUC	Insulin	id_982	0.003	-0.007	0.015	0.568	-0.239	-0.372	-0.111	0.004	-0.236	-0.369	-0.108	0.002	-0.013	-0.079	0.033	0.570	Total	Sphingolipid	Hexosylcera
	HCER																			SUM	mides	
CR	AUC	Insulin	id_415	-0.006	-0.038	0.018	0.576	-0.230	-0.366	-0.103	0.000	-0.236	-0.367	-0.115	0.000	0.027	-0.073	0.207	0.576	PE(P-18:1/18:2)	Phosphatidyl ethanolamine	PE
																					Plasmalogen	
CR	AUC	Insulin	id_415	-0.006	-0.038	0.018	0.576	-0.230	-0.366	-0.103	0.000	-0.236	-0.367	-0.115	0.000	0.027	-0.073	0.207	0.576	PE(P-18:1/18:2)	Phosphatidyl ethanolamine	PE
																					Plasmalogen	
CR	AUC	Insulin	id_027	-0.003	-0.041	0.011	0.590	-0.233	-0.367	-0.098	0.000	-0.236	-0.371	-0.108	0.000	0.015	-0.044	0.218	0.590	Cholesterol	CE(18:0)	Ester
CR	AUC	Insulin	id_028	-0.003	-0.036	0.008	0.590	-0.233	-0.361	-0.095	0.000	-0.236	-0.363	-0.103	0.000	0.014	-0.041	0.183	0.590	Cholesterol	CE(18:1)	Ester
CR	AUC	Insulin	id_027	-0.003	-0.041	0.011	0.590	-0.233	-0.367	-0.098	0.000	-0.236	-0.371	-0.108	0.000	0.015	-0.044	0.218	0.590	Cholesterol	CE(18:0)	Ester
CR	AUC	Insulin	id_028	-0.003	-0.036	0.008	0.590	-0.233	-0.361	-0.095	0.000	-0.236	-0.363	-0.103	0.000	0.014	-0.041	0.183	0.590	Cholesterol	CE(18:1)	Ester
CR	AUC	Insulin	id_983	-0.004	-0.032	0.009	0.594	-0.232	-0.361	-0.104	0.000	-0.236	-0.365	-0.112	0.000	0.019	-0.043	0.157	0.594	Total	Sphingolipid	Lactosylcera
CR	AUC	Insulin	id_983	-0.004	-0.032	0.009	0.594	-0.232	-0.361	-0.104	0.000	-0.236	-0.365	-0.112	0.000	0.019	-0.043	0.157	0.594	Total	Sphingolipid	Lactosylcera
CR	AUC	Insulin	id_409	-0.006	-0.044	0.020	0.604	-0.230	-0.365	-0.089	0.002	-0.236	-0.363	-0.107	0.002	0.026	-0.086	0.245	0.602	PE(P-18:0/22:5)	Phosphatidyl ethanolamine	PE
																					Plasmalogen	
CR	AUC	Insulin	id_409	-0.006	-0.044	0.020	0.604	-0.230	-0.365	-0.089	0.002	-0.236	-0.363	-0.107	0.002	0.026	-0.086	0.245	0.602	PE(P-18:0/22:5)	Phosphatidyl ethanolamine	PE
																					Plasmalogen	
CR	AUC	Insulin	id_458	-0.002	-0.020	0.008	0.608	-0.234	-0.367	-0.102	0.002	-0.236	-0.367	-0.109	0.000	0.008	-0.035	0.117	0.608	SM(26:0)	Sphingolipid	Sphingomyel
CR	AUC	Insulin	id_458	-0.002	-0.020	0.008	0.608	-0.234	-0.367	-0.102	0.002	-0.236	-0.367	-0.109	0.000	0.008	-0.035	0.117	0.608	SM(26:0)	Sphingolipid	Sphingomyel
CR	AUC	Insulin	id_071	0.013	-0.029	0.046	0.614	-0.249	-0.373	-0.112	0.002	-0.236	-0.362	-0.106	0.002	-0.056	-0.244	0.134	0.612	DAG(14:1/16:0)	Diacylglycer	ol
CR	AUC	Insulin	id_071	0.013	-0.029	0.046	0.614	-0.249	-0.373	-0.112	0.002	-0.236	-0.362	-0.106	0.002	-0.056	-0.244	0.134	0.612	DAG(14:1/16:0)	Diacylglycer	ol

CR	AUC	Insulin	id_449	0.002	-0.009	0.015	0.620	-0.238	-0.372	-0.105	0.000	-0.236	-0.368	-0.101	0.000	-0.008	-0.068	0.047	0.620	SM(16:0)	Sphingolipid s	Sphingomyelin
CR	AUC	Insulin	id_449	0.002	-0.009	0.015	0.620	-0.238	-0.372	-0.105	0.000	-0.236	-0.368	-0.101	0.000	-0.008	-0.068	0.047	0.620	SM(16:0)	Sphingolipid s	Sphingomyelin
CR	AUC	Insulin	id_054	-0.003	-0.032	0.012	0.624	-0.233	-0.355	-0.090	0.000	-0.236	-0.357	-0.097	0.000	0.014	-0.065	0.157	0.624	CER(24:0)	Sphingolipid s	Ceramide
CR	AUC	Insulin	id_054	-0.003	-0.032	0.012	0.624	-0.233	-0.355	-0.090	0.000	-0.236	-0.357	-0.097	0.000	0.014	-0.065	0.157	0.624	CER(24:0)	Sphingolipid s	Ceramide
CR	AUC	Insulin	id_116	0.008	-0.018	0.040	0.642	-0.244	-0.370	-0.104	0.000	-0.236	-0.361	-0.099	0.000	-0.035	-0.245	0.092	0.642	DCER(14 :0)	Sphingolipid s	Dihydroceramide
CR	AUC	Insulin	id_116	0.008	-0.018	0.040	0.642	-0.244	-0.370	-0.104	0.000	-0.236	-0.361	-0.099	0.000	-0.035	-0.245	0.092	0.642	DCER(14 :0)	Sphingolipid s	Dihydroceramide
CR	AUC	Insulin	id_147	0.004	-0.013	0.022	0.654	-0.240	-0.373	-0.104	0.000	-0.236	-0.368	-0.101	0.000	-0.017	-0.108	0.055	0.654	LCER(22:0)	Sphingolipid s	Lactosylceramide
CR	AUC	Insulin	id_147	0.004	-0.013	0.022	0.654	-0.240	-0.373	-0.104	0.000	-0.236	-0.368	-0.101	0.000	-0.017	-0.108	0.055	0.654	LCER(22:0)	Sphingolipid s	Lactosylceramide
CR	AUC	Insulin	id_771	-0.001	-0.030	0.005	0.658	-0.235	-0.358	-0.111	0.000	-0.236	-0.359	-0.113	0.000	0.002	-0.022	0.126	0.658	TAG53:6-FA18:3	Triacylglycerol	TAG Ester
CR	AUC	Insulin	id_771	-0.001	-0.030	0.005	0.658	-0.235	-0.358	-0.111	0.000	-0.236	-0.359	-0.113	0.000	0.002	-0.022	0.126	0.658	TAG53:6-FA18:3	Triacylglycerol	TAG Ester
CR	AUC	Insulin	id_414	-0.004	-0.026	0.016	0.660	-0.232	-0.351	-0.095	0.004	-0.236	-0.351	-0.099	0.002	0.019	-0.069	0.156	0.662	PE(P-18:1/18:1)	Phosphatidylethanolamine	Plasmalogen
CR	AUC	Insulin	id_414	-0.004	-0.026	0.016	0.660	-0.232	-0.351	-0.095	0.004	-0.236	-0.351	-0.099	0.002	0.019	-0.069	0.156	0.662	PE(P-18:1/18:1)	Phosphatidylethanolamine	Plasmalogen
CR	AUC	Insulin	id_457	-0.002	-0.016	0.007	0.664	-0.234	-0.358	-0.097	0.000	-0.236	-0.359	-0.099	0.000	0.009	-0.035	0.075	0.664	SM(24:1)	Sphingolipid s	Sphingomyelin
CR	AUC	Insulin	id_457	-0.002	-0.016	0.007	0.664	-0.234	-0.358	-0.097	0.000	-0.236	-0.359	-0.099	0.000	0.009	-0.035	0.075	0.664	SM(24:1)	Sphingolipid s	Sphingomyelin
CR	AUC	Insulin	id_160	0.003	-0.022	0.013	0.668	-0.239	-0.361	-0.108	0.002	-0.236	-0.358	-0.106	0.002	-0.013	-0.071	0.098	0.670	LPC(18:2)	Lysophosphatidylcholine	LPC Ester
CR	AUC	Insulin	id_160	0.003	-0.022	0.013	0.668	-0.239	-0.361	-0.108	0.002	-0.236	-0.358	-0.106	0.002	-0.013	-0.071	0.098	0.670	LPC(18:2)	Lysophosphatidylcholine	LPC Ester
CR	AUC	Insulin	id_042	-0.002	-0.015	0.009	0.670	-0.234	-0.357	-0.098	0.000	-0.236	-0.358	-0.101	0.002	0.009	-0.038	0.083	0.668	CE(22:5)	Cholesterol Ester	CE Ester
CR	AUC	Insulin	id_042	-0.002	-0.015	0.009	0.670	-0.234	-0.357	-0.098	0.000	-0.236	-0.358	-0.101	0.002	0.009	-0.038	0.083	0.668	CE(22:5)	Cholesterol Ester	CE Ester

CR	AUC	Insulin	id_033	-0.001	-0.016	0.006	0.674	-0.235	-0.372	-0.095	0.000	-0.236	-0.374	-0.100	0.000	0.005	-0.027	0.081	0.674	CE(20:1)	Cholesterol Ester	CE Ester
CR	AUC	Insulin	id_033	-0.001	-0.016	0.006	0.674	-0.235	-0.372	-0.095	0.000	-0.236	-0.374	-0.100	0.000	0.005	-0.027	0.081	0.674	CE(20:1)	Cholesterol Ester	CE Ester
CR	AUC	Insulin	id_060	0.015	-0.046	0.044	0.690	-0.251	-0.380	-0.106	0.000	-0.236	-0.374	-0.104	0.000	-0.064	-0.259	0.221	0.690	DAG(12:0/18:1)	Diacylglycerol	DAG Ester
CR	AUC	Insulin	id_060	0.015	-0.046	0.044	0.690	-0.251	-0.380	-0.106	0.000	-0.236	-0.374	-0.104	0.000	-0.064	-0.259	0.221	0.690	DAG(12:0/18:1)	Diacylglycerol	DAG Ester
CR	AUC	Insulin	id_131	0.001	-0.006	0.015	0.696	-0.237	-0.369	-0.111	0.000	-0.236	-0.365	-0.112	0.000	-0.004	-0.067	0.034	0.696	HCER(18:0)	Sphingolipids	Hexosylceramide
CR	AUC	Insulin	id_131	0.001	-0.006	0.015	0.696	-0.237	-0.369	-0.111	0.000	-0.236	-0.365	-0.112	0.000	-0.004	-0.067	0.034	0.696	HCER(18:0)	Sphingolipids	Hexosylceramide
CR	AUC	Insulin	id_862	-0.001	-0.021	0.010	0.702	-0.235	-0.358	-0.102	0.000	-0.236	-0.360	-0.100	0.000	0.004	-0.054	0.088	0.702	TAG55:7-FA20:4	Triacylglycerol	TAG Ester
CR	AUC	Insulin	id_862	-0.001	-0.021	0.010	0.702	-0.235	-0.358	-0.102	0.000	-0.236	-0.360	-0.100	0.000	0.004	-0.054	0.088	0.702	TAG55:7-FA20:4	Triacylglycerol	TAG Ester
CR	AUC	Insulin	id_423	-0.003	-0.017	0.012	0.704	-0.233	-0.360	-0.097	0.002	-0.236	-0.360	-0.105	0.002	0.014	-0.060	0.087	0.706	PE(P-18:1/22:6)	Phosphatidylethanolamine	PE Plasmalogen
CR	AUC	Insulin	id_423	-0.003	-0.017	0.012	0.704	-0.233	-0.360	-0.097	0.002	-0.236	-0.360	-0.105	0.002	0.014	-0.060	0.087	0.706	PE(P-18:1/22:6)	Phosphatidylethanolamine	PE Plasmalogen
CR	AUC	Insulin	id_425	-0.004	-0.020	0.014	0.708	-0.232	-0.361	-0.105	0.000	-0.236	-0.368	-0.110	0.000	0.017	-0.062	0.105	0.708	PE(P-18:2/20:4)	Phosphatidylethanolamine	PE Plasmalogen
CR	AUC	Insulin	id_425	-0.004	-0.020	0.014	0.708	-0.232	-0.361	-0.105	0.000	-0.236	-0.368	-0.110	0.000	0.017	-0.062	0.105	0.708	PE(P-18:2/20:4)	Phosphatidylethanolamine	PE Plasmalogen
CR	AUC	Insulin	id_044	0.002	-0.007	0.014	0.710	-0.237	-0.359	-0.106	0.000	-0.236	-0.358	-0.104	0.000	-0.007	-0.078	0.037	0.710	CE(24:0)	Cholesterol Ester	CE Ester
CR	AUC	Insulin	id_770	-0.001	-0.029	0.007	0.710	-0.235	-0.366	-0.104	0.000	-0.236	-0.366	-0.106	0.000	0.004	-0.034	0.126	0.710	TAG53:6-FA18:2	Triacylglycerol	TAG Ester
CR	AUC	Insulin	id_044	0.002	-0.007	0.014	0.710	-0.237	-0.359	-0.106	0.000	-0.236	-0.358	-0.104	0.000	-0.007	-0.078	0.037	0.710	CE(24:0)	Cholesterol Ester	CE Ester
CR	AUC	Insulin	id_770	-0.001	-0.029	0.007	0.710	-0.235	-0.366	-0.104	0.000	-0.236	-0.366	-0.106	0.000	0.004	-0.034	0.126	0.710	TAG53:6-FA18:2	Triacylglycerol	TAG Ester
CR	AUC	Insulin	id_045	0.002	-0.007	0.010	0.724	-0.238	-0.383	-0.104	0.000	-0.236	-0.376	-0.103	0.000	-0.007	-0.043	0.037	0.724	CE(24:1)	Cholesterol Ester	CE Ester
CR	AUC	Insulin	id_045	0.002	-0.007	0.010	0.724	-0.238	-0.383	-0.104	0.000	-0.236	-0.376	-0.103	0.000	-0.007	-0.043	0.037	0.724	CE(24:1)	Cholesterol Ester	CE Ester

CR	AUC	Insulin	id_029	-0.002	-0.028	0.011	0.726	-0.234	-0.365	-0.097	0.000	-0.236	-0.359	-0.100	0.000	0.007	-0.051	0.143	0.726	CE(18:2)	Cholesterol Ester	CE Ester
CR	AUC	Insulin	id_043	0.001	-0.007	0.012	0.726	-0.237	-0.372	-0.100	0.000	-0.236	-0.368	-0.100	0.000	-0.005	-0.055	0.032	0.726	CE(22:6)	Cholesterol Ester	CE Ester
CR	AUC	Insulin	id_029	-0.002	-0.028	0.011	0.726	-0.234	-0.365	-0.097	0.000	-0.236	-0.359	-0.100	0.000	0.007	-0.051	0.143	0.726	CE(18:2)	Cholesterol Ester	CE Ester
CR	AUC	Insulin	id_043	0.001	-0.007	0.012	0.726	-0.237	-0.372	-0.100	0.000	-0.236	-0.368	-0.100	0.000	-0.005	-0.055	0.032	0.726	CE(22:6)	Cholesterol Ester	CE Ester
CR	AUC	Insulin	id_139	-0.001	-0.011	0.006	0.744	-0.235	-0.366	-0.094	0.002	-0.236	-0.368	-0.098	0.002	0.005	-0.031	0.052	0.746	HCER(26:0)	Sphingolipids	Hexosylceramide
CR	AUC	Insulin	id_139	-0.001	-0.011	0.006	0.744	-0.235	-0.366	-0.094	0.002	-0.236	-0.368	-0.098	0.002	0.005	-0.031	0.052	0.746	HCER(26:0)	Sphingolipids	Hexosylceramide
CR	AUC	Insulin	id_939	-0.002	-0.007	0.042	0.750	-0.234	-0.380	-0.102	0.002	-0.236	-0.376	-0.098	0.002	0.007	-0.218	0.038	0.752	TAG57:9-FA22:6	Triacylglycerol	TAG Ester
CR	AUC	Insulin	id_939	-0.002	-0.007	0.042	0.750	-0.234	-0.380	-0.102	0.002	-0.236	-0.376	-0.098	0.002	0.007	-0.218	0.038	0.752	TAG57:9-FA22:6	Triacylglycerol	TAG Ester
CR	AUC	Insulin	id_189	-0.002	-0.024	0.011	0.766	-0.234	-0.359	-0.103	0.000	-0.236	-0.365	-0.104	0.000	0.009	-0.058	0.100	0.766	MAG(15:0)	MAG	Ester
CR	AUC	Insulin	id_189	-0.002	-0.024	0.011	0.766	-0.234	-0.359	-0.103	0.000	-0.236	-0.365	-0.104	0.000	0.009	-0.058	0.100	0.766	MAG(15:0)	MAG	Ester
CR	AUC	Insulin	id_381	-0.003	-0.033	0.023	0.796	-0.233	-0.365	-0.098	0.002	-0.236	-0.363	-0.108	0.002	0.013	-0.097	0.193	0.798	PE(O-18:0/22:5)	Phosphatidylethanolamine	PE Ether
CR	AUC	Insulin	id_381	-0.003	-0.033	0.023	0.796	-0.233	-0.365	-0.098	0.002	-0.236	-0.363	-0.108	0.002	0.013	-0.097	0.193	0.798	PE(O-18:0/22:5)	Phosphatidylethanolamine	PE Ether
CR	AUC	Insulin	id_128	0.000	-0.005	0.013	0.798	-0.236	-0.367	-0.100	0.000	-0.236	-0.369	-0.099	0.000	-0.002	-0.059	0.028	0.798	DCER(26:1)	Sphingolipids	Dihydroceramide
CR	AUC	Insulin	id_144	-0.001	-0.008	0.006	0.798	-0.235	-0.367	-0.099	0.000	-0.236	-0.367	-0.104	0.000	0.004	-0.028	0.043	0.798	LCER(18:1)	Sphingolipids	Lactosylceramide
CR	AUC	Insulin	id_459	0.001	-0.008	0.009	0.798	-0.237	-0.372	-0.104	0.000	-0.236	-0.372	-0.105	0.000	-0.004	-0.038	0.036	0.798	SM(26:1)	Sphingolipids	Sphingomyelin
CR	AUC	Insulin	id_128	0.000	-0.005	0.013	0.798	-0.236	-0.367	-0.100	0.000	-0.236	-0.369	-0.099	0.000	-0.002	-0.059	0.028	0.798	DCER(26:1)	Sphingolipids	Dihydroceramide
CR	AUC	Insulin	id_144	-0.001	-0.008	0.006	0.798	-0.235	-0.367	-0.099	0.000	-0.236	-0.367	-0.104	0.000	0.004	-0.028	0.043	0.798	LCER(18:1)	Sphingolipids	Lactosylceramide
CR	AUC	Insulin	id_459	0.001	-0.008	0.009	0.798	-0.237	-0.372	-0.104	0.000	-0.236	-0.372	-0.105	0.000	-0.004	-0.038	0.036	0.798	SM(26:1)	Sphingolipids	Sphingomyelin
CR	AUC	Insulin	id_769	0.000	-0.006	0.011	0.804	-0.236	-0.362	-0.111	0.002	-0.236	-0.360	-0.112	0.002	0.000	-0.046	0.028	0.802	TAG53:6-FA18:1	Triacylglycerol	TAG Ester

CR	AUC	Insulin	id_251	0.001	-0.008	0.011	0.804	-0.236	-0.366	-0.109	0.000	-0.236	-0.365	-0.108	0.000	-0.002	-0.060	0.038	0.804	PC(16:0/22:6) Phosphatidyl choline	PC Ester
CR	AUC	Insulin	id_769	0.000	-0.006	0.011	0.804	-0.236	-0.362	-0.111	0.002	-0.236	-0.360	-0.112	0.002	0.000	-0.046	0.028	0.802	TAG53:6-FA18:1 Triacylglycerol	TAG Ester
CR	AUC	Insulin	id_251	0.001	-0.008	0.011	0.804	-0.236	-0.366	-0.109	0.000	-0.236	-0.365	-0.108	0.000	-0.002	-0.060	0.038	0.804	PC(16:0/22:6) Phosphatidyl choline	PC Ester
CR	AUC	Insulin	id_148	-0.002	-0.024	0.012	0.808	-0.234	-0.368	-0.114	0.000	-0.236	-0.364	-0.119	0.000	0.007	-0.065	0.111	0.808	LCER(22:1) Sphingolipids	Lactosylceramide
CR	AUC	Insulin	id_148	-0.002	-0.024	0.012	0.808	-0.234	-0.368	-0.114	0.000	-0.236	-0.364	-0.119	0.000	0.007	-0.065	0.111	0.808	LCER(22:1) Sphingolipids	Lactosylceramide
CR	AUC	Insulin	id_424	-0.002	-0.019	0.017	0.838	-0.234	-0.373	-0.102	0.000	-0.236	-0.367	-0.107	0.000	0.007	-0.079	0.113	0.838	PE(P-18:2/18:2) Phosphatidyl ethanolamine	PE Plasmalogen
CR	AUC	Insulin	id_424	-0.002	-0.019	0.017	0.838	-0.234	-0.373	-0.102	0.000	-0.236	-0.367	-0.107	0.000	0.007	-0.079	0.113	0.838	PE(P-18:2/18:2) Phosphatidyl ethanolamine	PE Plasmalogen
CR	AUC	Insulin	id_141	0.000	-0.015	0.014	0.840	-0.236	-0.367	-0.117	0.000	-0.236	-0.369	-0.115	0.002	-0.001	-0.073	0.073	0.842	LCER(14:0) Sphingolipids	Lactosylceramide
CR	AUC	Insulin	id_141	0.000	-0.015	0.014	0.840	-0.236	-0.367	-0.117	0.000	-0.236	-0.369	-0.115	0.002	-0.001	-0.073	0.073	0.842	LCER(14:0) Sphingolipids	Lactosylceramide
CR	AUC	Insulin	id_410	0.000	-0.009	0.014	0.844	-0.236	-0.365	-0.111	0.000	-0.236	-0.365	-0.112	0.000	0.001	-0.074	0.045	0.844	PE(P-18:0/22:6) Phosphatidyl ethanolamine	PE Plasmalogen
CR	AUC	Insulin	id_410	0.000	-0.009	0.014	0.844	-0.236	-0.365	-0.111	0.000	-0.236	-0.365	-0.112	0.000	0.001	-0.074	0.045	0.844	PE(P-18:0/22:6) Phosphatidyl ethanolamine	PE Plasmalogen
CR	AUC	Insulin	id_188	0.000	-0.007	0.021	0.862	-0.236	-0.366	-0.102	0.002	-0.236	-0.365	-0.102	0.002	0.002	-0.114	0.037	0.860	MAG(14:1) MAG	Ester
CR	AUC	Insulin	id_188	0.000	-0.007	0.021	0.862	-0.236	-0.366	-0.102	0.002	-0.236	-0.365	-0.102	0.002	0.002	-0.114	0.037	0.860	MAG(14:1) MAG	Ester
CR	AUC	Insulin	id_130	-0.001	-0.019	0.011	0.870	-0.235	-0.362	-0.113	0.000	-0.236	-0.365	-0.115	0.000	0.005	-0.055	0.096	0.870	HCER(16:0) Sphingolipids	Hexosylceramide
CR	AUC	Insulin	id_130	-0.001	-0.019	0.011	0.870	-0.235	-0.362	-0.113	0.000	-0.236	-0.365	-0.115	0.000	0.005	-0.055	0.096	0.870	HCER(16:0) Sphingolipids	Hexosylceramide
CR	AUC	Insulin	id_138	0.000	-0.013	0.009	0.896	-0.236	-0.372	-0.108	0.000	-0.236	-0.372	-0.109	0.000	-0.002	-0.046	0.062	0.896	HCER(24:1) Sphingolipids	Hexosylceramide
CR	AUC	Insulin	id_151	-0.001	-0.015	0.010	0.896	-0.235	-0.374	-0.106	0.000	-0.236	-0.375	-0.107	0.000	0.003	-0.045	0.071	0.896	LCER(26:0) Sphingolipids	Lactosylceramide
CR	AUC	Insulin	id_138	0.000	-0.013	0.009	0.896	-0.236	-0.372	-0.108	0.000	-0.236	-0.372	-0.109	0.000	-0.002	-0.046	0.062	0.896	HCER(24:1) Sphingolipids	Hexosylceramide

CR	AUC	Insulin	id_151	-0.001	-0.015	0.010	0.896	-0.235	-0.374	-0.106	0.000	-0.236	-0.375	-0.107	0.000	0.003	-0.045	0.071	0.896	LCER(26:0)	Sphingolipids	Lactosylceramide
CR	AUC	Insulin	id_152	0.001	-0.012	0.011	0.898	-0.237	-0.372	-0.102	0.000	-0.236	-0.369	-0.102	0.002	-0.003	-0.058	0.056	0.900	LCER(26:1)	Sphingolipids	Lactosylceramide
CR	AUC	Insulin	id_209	0.000	-0.009	0.010	0.898	-0.236	-0.367	-0.112	0.000	-0.236	-0.365	-0.109	0.000	0.000	-0.045	0.044	0.898	MAG(22:6)	MAG	Ester
CR	AUC	Insulin	id_152	0.001	-0.012	0.011	0.898	-0.237	-0.372	-0.102	0.000	-0.236	-0.369	-0.102	0.002	-0.003	-0.058	0.056	0.900	LCER(26:1)	Sphingolipids	Lactosylceramide
CR	AUC	Insulin	id_209	0.000	-0.009	0.010	0.898	-0.236	-0.367	-0.112	0.000	-0.236	-0.365	-0.109	0.000	0.000	-0.045	0.044	0.898	MAG(22:6)	MAG	Ester
CR	AUC	Insulin	id_129	-0.001	-0.015	0.013	0.900	-0.235	-0.359	-0.107	0.002	-0.236	-0.356	-0.108	0.002	0.004	-0.067	0.071	0.898	HCER(14:0)	Sphingolipids	Hexosylceramide
CR	AUC	Insulin	id_129	-0.001	-0.015	0.013	0.900	-0.235	-0.359	-0.107	0.002	-0.236	-0.356	-0.108	0.002	0.004	-0.067	0.071	0.898	HCER(14:0)	Sphingolipids	Hexosylceramide
CR	AUC	Insulin	id_146	-0.001	-0.010	0.009	0.904	-0.235	-0.358	-0.098	0.002	-0.236	-0.356	-0.103	0.002	0.004	-0.052	0.048	0.906	LCER(20:1)	Sphingolipids	Lactosylceramide
CR	AUC	Insulin	id_146	-0.001	-0.010	0.009	0.904	-0.235	-0.358	-0.098	0.002	-0.236	-0.356	-0.103	0.002	0.004	-0.052	0.048	0.906	LCER(20:1)	Sphingolipids	Lactosylceramide
CR	AUC	Insulin	id_154	0.000	-0.023	0.015	0.910	-0.236	-0.377	-0.098	0.000	-0.236	-0.374	-0.100	0.000	0.002	-0.067	0.109	0.910	LPC(15:0)	Lysophosphatidylcholine	LPC Ester
CR	AUC	Insulin	id_154	0.000	-0.023	0.015	0.910	-0.236	-0.377	-0.098	0.000	-0.236	-0.374	-0.100	0.000	0.002	-0.067	0.109	0.910	LPC(15:0)	Lysophosphatidylcholine	LPC Ester
CR	AUC	Insulin	id_170	-0.001	-0.037	0.017	0.918	-0.235	-0.358	-0.104	0.002	-0.236	-0.367	-0.100	0.002	0.003	-0.098	0.195	0.916	LPC(22:6)	Lysophosphatidylcholine	LPC Ester
CR	AUC	Insulin	id_170	-0.001	-0.037	0.017	0.918	-0.235	-0.358	-0.104	0.002	-0.236	-0.367	-0.100	0.002	0.003	-0.098	0.195	0.916	LPC(22:6)	Lysophosphatidylcholine	LPC Ester
CR	AUC	Insulin	id_382	0.000	-0.008	0.016	0.920	-0.236	-0.371	-0.107	0.000	-0.236	-0.363	-0.105	0.000	0.001	-0.088	0.039	0.920	PE(O-18:0/22:6)	Phosphatidylethanolamine	PE Ether
CR	AUC	Insulin	id_382	0.000	-0.008	0.016	0.920	-0.236	-0.371	-0.107	0.000	-0.236	-0.363	-0.105	0.000	0.001	-0.088	0.039	0.920	PE(O-18:0/22:6)	Phosphatidylethanolamine	PE Ether
CR	AUC	Insulin	id_203	0.000	-0.006	0.030	0.928	-0.236	-0.377	-0.113	0.000	-0.236	-0.376	-0.110	0.000	0.001	-0.163	0.029	0.928	MAG(20:5)	MAG	Ester
CR	AUC	Insulin	id_203	0.000	-0.006	0.030	0.928	-0.236	-0.377	-0.113	0.000	-0.236	-0.376	-0.110	0.000	0.001	-0.163	0.029	0.928	MAG(20:5)	MAG	Ester

CR	AUC	Insulin	id_039	0.000	-0.007	0.007	0.932	-0.236	-0.360	-0.110	0.000	-0.236	-0.359	-0.109	0.000	0.000	-0.027	0.036	0.932	CE(22:1)	Cholesterol Ester	CE Ester
CR	AUC	Insulin	id_039	0.000	-0.007	0.007	0.932	-0.236	-0.360	-0.110	0.000	-0.236	-0.359	-0.109	0.000	0.000	-0.027	0.036	0.932	CE(22:1)	Cholesterol Ester	CE Ester
CR	AUC	Insulin	id_205	0.000	-0.005	0.040	0.940	-0.236	-0.371	-0.108	0.000	-0.236	-0.362	-0.108	0.000	0.001	-0.222	0.030	0.940	MAG(22:1)	MAG	Ester
CR	AUC	Insulin	id_205	0.000	-0.005	0.040	0.940	-0.236	-0.371	-0.108	0.000	-0.236	-0.362	-0.108	0.000	0.001	-0.222	0.030	0.940	MAG(22:1)	MAG	Ester
CR	AUC	Insulin	id_254	0.000	-0.016	0.014	0.942	-0.236	-0.366	-0.102	0.000	-0.236	-0.362	-0.108	0.000	0.001	-0.062	0.087	0.942	PC(17:0/18:2)	Phosphatidyl choline	PC Ester
CR	AUC	Insulin	id_254	0.000	-0.016	0.014	0.942	-0.236	-0.366	-0.102	0.000	-0.236	-0.362	-0.108	0.000	0.001	-0.062	0.087	0.942	PC(17:0/18:2)	Phosphatidyl choline	PC Ester
CR	AUC	Insulin	id_200	-0.001	-0.018	0.021	0.956	-0.235	-0.369	-0.100	0.000	-0.236	-0.368	-0.099	0.000	0.003	-0.110	0.083	0.956	MAG(20:2)	MAG	Ester
CR	AUC	Insulin	id_200	-0.001	-0.018	0.021	0.956	-0.235	-0.369	-0.100	0.000	-0.236	-0.368	-0.099	0.000	0.003	-0.110	0.083	0.956	MAG(20:2)	MAG	Ester
CR	AUC	Insulin	id_072	0.000	-0.007	0.010	0.968	-0.236	-0.374	-0.099	0.000	-0.236	-0.372	-0.099	0.000	0.001	-0.045	0.036	0.968	DAG(14:1/18:1)	Diacylglycerol	DAG Ester
CR	AUC	Insulin	id_072	0.000	-0.007	0.010	0.968	-0.236	-0.374	-0.099	0.000	-0.236	-0.372	-0.099	0.000	0.001	-0.045	0.036	0.968	DAG(14:1/18:1)	Diacylglycerol	DAG Ester
CR	AUC	Insulin	id_133	-0.001	-0.009	0.008	0.976	-0.235	-0.360	-0.103	0.000	-0.236	-0.358	-0.101	0.000	0.002	-0.037	0.050	0.976	HCER(20:0)	Sphingolipids	Hexosylceramide
CR	AUC	Insulin	id_133	-0.001	-0.009	0.008	0.976	-0.235	-0.360	-0.103	0.000	-0.236	-0.358	-0.101	0.000	0.002	-0.037	0.050	0.976	HCER(20:0)	Sphingolipids	Hexosylceramide
CR	AUC	Insulin	id_354	-0.001	-0.008	0.021	0.978	-0.235	-0.358	-0.109	0.000	-0.236	-0.355	-0.109	0.000	0.002	-0.100	0.039	0.978	PE(18:1/22:0)	Phosphatidyl ethanolamine	PE Ester
CR	AUC	Insulin	id_354	-0.001	-0.008	0.021	0.978	-0.235	-0.358	-0.109	0.000	-0.236	-0.355	-0.109	0.000	0.002	-0.100	0.039	0.978	PE(18:1/22:0)	Phosphatidyl ethanolamine	PE Ester
CR	AUC	Insulin	id_132	0.000	-0.024	0.020	0.986	-0.236	-0.368	-0.097	0.000	-0.236	-0.367	-0.102	0.000	0.000	-0.091	0.110	0.986	HCER(18:1)	Sphingolipids	Hexosylceramide
CR	AUC	Insulin	id_132	0.000	-0.024	0.020	0.986	-0.236	-0.368	-0.097	0.000	-0.236	-0.367	-0.102	0.000	0.000	-0.091	0.110	0.986	HCER(18:1)	Sphingolipids	Hexosylceramide
CR	AUC	Insulin	id_402	0.000	-0.027	0.026	0.988	-0.236	-0.372	-0.098	0.002	-0.236	-0.364	-0.107	0.002	0.000	-0.109	0.146	0.990	PE(P-18:0/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	AUC	Insulin	id_402	0.000	-0.027	0.026	0.988	-0.236	-0.372	-0.098	0.002	-0.236	-0.364	-0.107	0.002	0.000	-0.109	0.146	0.990	PE(P-18:0/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen

CR	AUC	Insulin	id_195	0.000	-0.012	0.008	0.992	-0.236	-0.367	-0.095	0.000	-0.236	-0.363	-0.097	0.000	-0.002	-0.039	0.061	0.992	MAG(18:2)	MAG	Ester
CR	AUC	Insulin	id_195	0.000	-0.012	0.008	0.992	-0.236	-0.367	-0.095	0.000	-0.236	-0.363	-0.097	0.000	-0.002	-0.039	0.061	0.992	MAG(18:2)	MAG	Ester
CR	AUC	Insulin	id_057	0.000	-0.015	0.013	0.996	-0.236	-0.374	-0.111	0.000	-0.236	-0.373	-0.111	0.000	0.000	-0.068	0.071	0.996	CER(26:1)	Sphingolipids	Ceramide
CR	AUC	Insulin	id_372	-0.001	-0.009	0.017	0.996	-0.235	-0.370	-0.098	0.000	-0.236	-0.370	-0.099	0.000	0.004	-0.084	0.051	0.996	PE(O-16:0/22:6)	Phosphatidylethanolamine	PE Ether
CR	AUC	Insulin	id_057	0.000	-0.015	0.013	0.996	-0.236	-0.374	-0.111	0.000	-0.236	-0.373	-0.111	0.000	0.000	-0.068	0.071	0.996	CER(26:1)	Sphingolipids	Ceramide
CR	AUC	Insulin	id_372	-0.001	-0.009	0.017	0.996	-0.235	-0.370	-0.098	0.000	-0.236	-0.370	-0.099	0.000	0.004	-0.084	0.051	0.996	PE(O-16:0/22:6)	Phosphatidylethanolamine	PE Ether
AL	AUC	Insulin	id_023	-0.030	-0.097	0.017	0.256	0.131	-0.068	0.343	0.222	0.101	-0.107	0.317	0.356	-0.295	-4.567	2.534	0.556	CE(15:0)	Cholesterol Ester	CE Ester
AL	AUC	Insulin	id_024	-0.014	-0.111	0.073	0.722	0.115	-0.089	0.323	0.266	0.101	-0.110	0.321	0.370	-0.135	-4.470	3.945	0.968	CE(16:0)	Cholesterol Ester	CE Ester
AL	AUC	Insulin	id_026	-0.028	-0.109	0.049	0.432	0.129	-0.094	0.324	0.232	0.101	-0.144	0.311	0.390	-0.272	-3.477	4.494	0.770	CE(17:0)	Cholesterol Ester	CE Ester
AL	AUC	Insulin	id_027	-0.027	-0.109	0.052	0.498	0.128	-0.077	0.349	0.250	0.101	-0.106	0.328	0.384	-0.264	-3.484	4.581	0.778	CE(18:0)	Cholesterol Ester	CE Ester
AL	AUC	Insulin	id_028	-0.025	-0.121	0.052	0.576	0.126	-0.078	0.334	0.210	0.101	-0.115	0.329	0.330	-0.243	-3.439	4.550	0.830	CE(18:1)	Cholesterol Ester	CE Ester
AL	AUC	Insulin	id_029	-0.023	-0.134	0.061	0.540	0.125	-0.078	0.326	0.212	0.101	-0.124	0.322	0.370	-0.231	-6.282	3.751	0.842	CE(18:2)	Cholesterol Ester	CE Ester
AL	AUC	Insulin	id_033	-0.033	-0.088	0.008	0.106	0.134	-0.073	0.353	0.208	0.101	-0.098	0.320	0.328	-0.323	-3.484	3.100	0.390	CE(20:1)	Cholesterol Ester	CE Ester
AL	AUC	Insulin	id_034	-0.021	-0.106	0.054	0.576	0.122	-0.087	0.322	0.264	0.101	-0.121	0.318	0.392	-0.210	-3.371	3.715	0.816	CE(20:2)	Cholesterol Ester	CE Ester
AL	AUC	Insulin	id_035	-0.010	-0.094	0.093	0.830	0.111	-0.071	0.322	0.278	0.101	-0.094	0.319	0.356	-0.100	-4.983	4.392	0.978	CE(20:3)	Cholesterol Ester	CE Ester
AL	AUC	Insulin	id_036	0.010	-0.068	0.097	0.834	0.091	-0.119	0.300	0.440	0.101	-0.120	0.325	0.366	0.097	-3.188	3.792	0.760	CE(20:4)	Cholesterol Ester	CE Ester
AL	AUC	Insulin	id_041	-0.003	-0.058	0.055	0.950	0.104	-0.103	0.328	0.354	0.101	-0.117	0.335	0.366	-0.030	-1.462	2.368	0.912	CE(22:4)	Cholesterol Ester	CE Ester
AL	AUC	Insulin	id_042	0.018	-0.051	0.083	0.598	0.083	-0.138	0.292	0.460	0.101	-0.132	0.322	0.384	0.182	-2.610	2.866	0.654	CE(22:5)	Cholesterol Ester	CE Ester
AL	AUC	Insulin	id_043	0.008	-0.024	0.056	0.652	0.093	-0.122	0.300	0.452	0.101	-0.116	0.307	0.408	0.077	-1.154	1.142	0.780	CE(22:6)	Cholesterol Ester	CE Ester

AL	AUC	Insulin	id_044	-0.012	-0.048	0.017	0.382	0.113	-0.112	0.333	0.318	0.101	-0.119	0.317	0.384	-0.118	-1.491	1.809	0.618	Cholesterol	CE(24:0)	Ester	CE Ester
AL	AUC	Insulin	id_045	-0.025	-0.070	0.004	0.118	0.126	-0.082	0.348	0.282	0.101	-0.117	0.320	0.384	-0.242	-2.487	1.973	0.442	Cholesterol	CE(24:1)	Ester	CE Ester
AL	AUC	Insulin	id_046	-0.009	-0.082	0.056	0.816	0.110	-0.093	0.345	0.310	0.101	-0.121	0.348	0.386	-0.088	-2.612	2.816	0.970	CER(14:0)	Sphingolipids		Ceramide
AL	AUC	Insulin	id_047	0.006	-0.081	0.088	0.910	0.096	-0.110	0.292	0.370	0.101	-0.118	0.319	0.380	0.056	-3.088	2.834	0.766	CER(16:0)	Sphingolipids		Ceramide
AL	AUC	Insulin	id_048	0.016	-0.086	0.129	0.724	0.086	-0.101	0.274	0.342	0.101	-0.098	0.318	0.336	0.155	-3.487	4.464	0.620	CER(18:0)	Sphingolipids		Ceramide
AL	AUC	Insulin	id_049	-0.010	-0.085	0.058	0.790	0.111	-0.087	0.321	0.274	0.101	-0.114	0.317	0.330	-0.100	-3.477	3.935	0.992	CER(18:1)	Sphingolipids		Ceramide
AL	AUC	Insulin	id_050	0.017	-0.074	0.129	0.708	0.085	-0.110	0.269	0.358	0.101	-0.123	0.320	0.316	0.164	-2.961	3.092	0.632	CER(20:0)	Sphingolipids		Ceramide
AL	AUC	Insulin	id_051	-0.027	-0.100	0.045	0.424	0.128	-0.056	0.345	0.222	0.101	-0.106	0.333	0.370	-0.267	-3.130	3.551	0.746	CER(20:1)	Sphingolipids		Ceramide
AL	AUC	Insulin	id_052	0.009	-0.098	0.119	0.832	0.092	-0.099	0.300	0.380	0.101	-0.120	0.330	0.380	0.092	-3.311	3.161	0.684	CER(22:0)	Sphingolipids		Ceramide
AL	AUC	Insulin	id_053	-0.034	-0.143	0.082	0.566	0.135	-0.052	0.327	0.164	0.101	-0.115	0.335	0.380	-0.335	-7.695	5.719	0.902	CER(22:1)	Sphingolipids		Ceramide
AL	AUC	Insulin	id_054	-0.009	-0.117	0.090	0.858	0.110	-0.102	0.313	0.334	0.101	-0.125	0.318	0.392	-0.090	-4.221	3.033	0.954	CER(24:0)	Sphingolipids		Ceramide
AL	AUC	Insulin	id_055	0.007	-0.076	0.084	0.858	0.094	-0.100	0.303	0.364	0.101	-0.108	0.329	0.356	0.069	-3.085	2.188	0.758	CER(24:1)	Sphingolipids		Ceramide
AL	AUC	Insulin	id_057	-0.019	-0.093	0.045	0.534	0.120	-0.083	0.348	0.294	0.101	-0.109	0.335	0.404	-0.187	-3.437	3.371	0.798	CER(26:1)	Sphingolipids		Ceramide
AL	AUC	Insulin	id_116	0.002	-0.086	0.032	0.964	0.099	-0.104	0.331	0.312	0.101	-0.107	0.312	0.378	0.025	-2.503	2.681	0.858	DCER(14:0)	Sphingolipids		Dihydroceramide
AL	AUC	Insulin	id_117	0.012	-0.074	0.102	0.754	0.089	-0.112	0.298	0.402	0.101	-0.119	0.335	0.344	0.118	-2.475	3.136	0.690	DCER(16:0)	Sphingolipids		Dihydroceramide
AL	AUC	Insulin	id_118	-0.010	-0.082	0.067	0.750	0.111	-0.090	0.314	0.314	0.101	-0.115	0.320	0.392	-0.101	-3.071	2.823	0.982	DCER(18:0)	Sphingolipids		Dihydroceramide
AL	AUC	Insulin	id_119	0.011	-0.050	0.095	0.666	0.090	-0.118	0.301	0.398	0.101	-0.112	0.327	0.366	0.112	-2.869	2.445	0.684	DCER(18:1)	Sphingolipids		Dihydroceramide
AL	AUC	Insulin	id_120	-0.006	-0.087	0.076	0.894	0.108	-0.100	0.317	0.326	0.101	-0.108	0.326	0.354	-0.063	-3.715	3.853	0.932	DCER(20:0)	Sphingolipids		Dihydroceramide
AL	AUC	Insulin	id_121	-0.002	-0.059	0.043	0.936	0.103	-0.102	0.317	0.312	0.101	-0.106	0.322	0.332	-0.016	-1.625	1.307	0.984	DCER(20:1)	Sphingolipids		Dihydroceramide
AL	AUC	Insulin	id_122	-0.010	-0.118	0.094	0.826	0.111	-0.074	0.310	0.226	0.101	-0.104	0.333	0.324	-0.098	-5.155	3.225	0.974	DCER(22:0)	Sphingolipids		Dihydroceramide

AL	AUC	Insulin	id_123	0.004	-0.075	0.071	0.852	0.097	-0.093	0.310	0.298	0.101	-0.104	0.328	0.328	0.044	-3.022	2.096	0.772	DCER(22 :1)	Sphingolipids	Dihydroceramide
AL	AUC	Insulin	id_124	-0.014	-0.089	0.053	0.648	0.115	-0.112	0.344	0.304	0.101	-0.134	0.334	0.388	-0.135	-2.725	1.920	0.884	DCER(22 :2)	Sphingolipids	Dihydroceramide
AL	AUC	Insulin	id_125	-0.012	-0.098	0.089	0.784	0.114	-0.093	0.319	0.308	0.101	-0.107	0.322	0.376	-0.122	-3.840	2.990	0.964	DCER(24 :0)	Sphingolipids	Dihydroceramide
AL	AUC	Insulin	id_126	-0.016	-0.096	0.048	0.636	0.117	-0.090	0.334	0.308	0.101	-0.115	0.326	0.402	-0.154	-2.991	2.965	0.854	DCER(24 :1)	Sphingolipids	Dihydroceramide
AL	AUC	Insulin	id_128	-0.003	-0.035	0.024	0.874	0.104	-0.133	0.332	0.352	0.101	-0.127	0.325	0.364	-0.030	-0.947	0.862	0.930	DCER(26 :1)	Sphingolipids	Dihydroceramide
AL	AUC	Insulin	id_129	0.002	-0.023	0.023	0.962	0.100	-0.113	0.319	0.362	0.101	-0.110	0.314	0.372	0.016	-0.600	0.784	0.958	HCER(14 :0)	Sphingolipids	Hexosylceramide
AL	AUC	Insulin	id_130	-0.001	-0.025	0.022	0.900	0.102	-0.102	0.323	0.368	0.101	-0.102	0.318	0.380	-0.008	-0.470	0.901	0.916	HCER(16 :0)	Sphingolipids	Hexosylceramide
AL	AUC	Insulin	id_131	0.002	-0.022	0.038	0.802	0.099	-0.121	0.310	0.426	0.101	-0.114	0.318	0.396	0.023	-0.743	0.846	0.874	HCER(18 :0)	Sphingolipids	Hexosylceramide
AL	AUC	Insulin	id_132	-0.015	-0.075	0.024	0.480	0.116	-0.107	0.333	0.312	0.101	-0.120	0.321	0.398	-0.149	-2.140	2.067	0.726	HCER(18 :1)	Sphingolipids	Hexosylceramide
AL	AUC	Insulin	id_133	0.010	-0.017	0.048	0.550	0.091	-0.119	0.302	0.422	0.101	-0.117	0.314	0.360	0.098	-1.183	1.339	0.686	HCER(20 :0)	Sphingolipids	Hexosylceramide
AL	AUC	Insulin	id_134	-0.015	-0.081	0.030	0.476	0.116	-0.105	0.329	0.308	0.101	-0.123	0.324	0.390	-0.144	-2.580	2.143	0.738	HCER(20 :1)	Sphingolipids	Hexosylceramide
AL	AUC	Insulin	id_135	0.001	-0.028	0.031	0.960	0.100	-0.127	0.315	0.394	0.101	-0.127	0.313	0.388	0.014	-0.897	0.796	0.932	HCER(22 :0)	Sphingolipids	Hexosylceramide
AL	AUC	Insulin	id_136	-0.007	-0.052	0.014	0.548	0.108	-0.107	0.327	0.336	0.101	-0.115	0.312	0.372	-0.064	-1.544	1.197	0.704	HCER(22 :1)	Sphingolipids	Hexosylceramide
AL	AUC	Insulin	id_137	-0.003	-0.047	0.025	0.788	0.105	-0.117	0.334	0.386	0.101	-0.119	0.324	0.406	-0.034	-1.079	0.890	0.862	HCER(24 :0)	Sphingolipids	Hexosylceramide
AL	AUC	Insulin	id_138	0.002	-0.018	0.023	0.868	0.099	-0.119	0.315	0.354	0.101	-0.112	0.312	0.348	0.021	-0.617	0.758	0.948	HCER(24 :1)	Sphingolipids	Hexosylceramide
AL	AUC	Insulin	id_139	0.007	-0.067	0.079	0.844	0.094	-0.102	0.306	0.372	0.101	-0.108	0.316	0.354	0.068	-1.963	2.464	0.770	HCER(26 :0)	Sphingolipids	Hexosylceramide
AL	AUC	Insulin	id_141	0.004	-0.046	0.034	0.952	0.097	-0.117	0.330	0.398	0.101	-0.119	0.338	0.394	0.037	-1.254	1.032	0.950	LCER(14: 0)	Sphingolipids	Lactosylceramide
AL	AUC	Insulin	id_142	-0.002	-0.054	0.056	0.908	0.103	-0.102	0.307	0.324	0.101	-0.113	0.308	0.316	-0.019	-2.865	1.061	0.988	LCER(16: 0)	Sphingolipids	Lactosylceramide
AL	AUC	Insulin	id_144	0.002	-0.026	0.032	0.910	0.099	-0.108	0.329	0.370	0.101	-0.107	0.324	0.364	0.021	-0.657	0.640	0.982	LCER(18: 1)	Sphingolipids	Lactosylceramide
AL	AUC	Insulin	id_145	-0.001	-0.044	0.044	0.972	0.102	-0.103	0.323	0.366	0.101	-0.107	0.329	0.368	-0.010	-1.442	1.262	0.912	LCER(20: 0)	Sphingolipids	Lactosylceramide

AL	AUC	Insulin	id_146	0.005	-0.039	0.056	0.770	0.096	-0.119	0.315	0.372	0.101	-0.110	0.327	0.332	0.049	-1.513	1.754	0.822	LCER(20: Sphingolipids	Lactosylceramide
AL	AUC	Insulin	id_147	0.002	-0.028	0.032	0.918	0.099	-0.121	0.315	0.386	0.101	-0.115	0.317	0.376	0.018	-1.015	1.216	0.906	LCER(22: Sphingolipids	Lactosylceramide
AL	AUC	Insulin	id_148	0.000	-0.024	0.024	0.934	0.101	-0.108	0.313	0.424	0.101	-0.105	0.310	0.428	0.005	-0.624	0.685	0.978	LCER(22: Sphingolipids	Lactosylceramide
AL	AUC	Insulin	id_149	0.014	-0.031	0.069	0.556	0.087	-0.123	0.313	0.420	0.101	-0.115	0.325	0.344	0.137	-1.693	1.510	0.648	LCER(24: Sphingolipids	Lactosylceramide
AL	AUC	Insulin	id_152	-0.003	-0.037	0.026	0.858	0.104	-0.105	0.325	0.298	0.101	-0.100	0.326	0.312	-0.032	-0.878	0.826	0.870	LCER(26: Sphingolipids	Lactosylceramide
AL	AUC	Insulin	id_154	0.007	-0.018	0.052	0.652	0.094	-0.124	0.303	0.406	0.101	-0.107	0.312	0.360	0.067	-1.310	1.459	0.840	LPC(15:0 Lysophosphatidylcholine	LPC Ester
AL	AUC	Insulin	id_157	0.006	-0.039	0.050	0.802	0.095	-0.112	0.327	0.412	0.101	-0.114	0.332	0.386	0.057	-1.462	1.794	0.764	LPC(17:0 Lysophosphatidylcholine	LPC Ester
AL	AUC	Insulin	id_170	0.000	-0.029	0.023	0.964	0.101	-0.110	0.333	0.372	0.101	-0.101	0.322	0.362	0.004	-0.637	0.714	0.946	LPC(22:6 Lysophosphatidylcholine	LPC Ester
AL	AUC	Insulin	id_181	-0.002	-0.028	0.026	0.972	0.103	-0.113	0.326	0.374	0.101	-0.110	0.316	0.368	-0.017	-0.521	0.660	0.952	LPE(20:4 Lysophosphatidylethanolamine	LPE Ester
AL	AUC	Insulin	id_186	0.000	-0.025	0.029	0.992	0.101	-0.131	0.323	0.346	0.101	-0.131	0.318	0.336	0.002	-0.891	0.837	0.996	MAG(12: MAG	Ester
AL	AUC	Insulin	id_188	0.015	-0.028	0.068	0.450	0.086	-0.144	0.305	0.476	0.101	-0.132	0.331	0.402	0.147	-1.661	1.791	0.640	MAG(14: MAG	Ester
AL	AUC	Insulin	id_189	0.000	-0.026	0.022	0.918	0.102	-0.120	0.315	0.350	0.101	-0.119	0.311	0.358	-0.005	-0.478	0.632	0.968	MAG(15: MAG	Ester
AL	AUC	Insulin	id_195	0.001	-0.046	0.047	0.984	0.100	-0.123	0.323	0.404	0.101	-0.125	0.323	0.414	0.013	-1.402	1.629	0.922	MAG(18: MAG	Ester
AL	AUC	Insulin	id_203	0.000	-0.024	0.029	0.932	0.101	-0.123	0.309	0.382	0.101	-0.122	0.306	0.364	-0.002	-0.663	1.011	0.964	MAG(20: MAG	Ester
AL	AUC	Insulin	id_204	0.000	-0.029	0.033	0.908	0.101	-0.096	0.323	0.370	0.101	-0.097	0.325	0.366	0.004	-0.721	0.714	0.938	MAG(22: MAG	Ester
AL	AUC	Insulin	id_205	-0.005	-0.053	0.038	0.784	0.106	-0.114	0.320	0.308	0.101	-0.119	0.321	0.340	-0.051	-1.655	1.300	0.924	MAG(22: MAG	Ester
AL	AUC	Insulin	id_208	0.002	-0.025	0.025	0.998	0.100	-0.119	0.327	0.362	0.101	-0.119	0.326	0.344	0.016	-0.520	0.611	0.970	MAG(22: MAG	Ester
AL	AUC	Insulin	id_209	0.004	-0.036	0.050	0.886	0.097	-0.121	0.302	0.382	0.101	-0.117	0.319	0.354	0.044	-1.066	1.704	0.884	MAG(22: MAG	Ester

AL	AUC	Insulin	id_228	-0.001	-0.028	0.025	0.966	0.102	-0.133	0.314	0.390	0.101	-0.138	0.313	0.378	-0.006	-0.733	0.704	0.972	PC(15:0/18:2)	Phosphatidyl choline	PC Ester
AL	AUC	Insulin	id_230	-0.021	-0.072	0.036	0.440	0.122	-0.094	0.340	0.284	0.101	-0.106	0.327	0.368	-0.205	-2.616	3.382	0.692	PC(15:0/20:4)	Phosphatidyl choline	PC Ester
AL	AUC	Insulin	id_241	-0.007	-0.059	0.050	0.838	0.108	-0.105	0.328	0.304	0.101	-0.113	0.329	0.344	-0.069	-2.449	1.291	0.950	PC(16:0/18:2)	Phosphatidyl choline	PC Ester
AL	AUC	Insulin	id_254	0.000	-0.025	0.019	0.900	0.101	-0.125	0.345	0.374	0.101	-0.129	0.331	0.384	0.002	-0.665	0.741	0.920	PC(17:0/18:2)	Phosphatidyl choline	PC Ester
AL	AUC	Insulin	id_257	0.004	-0.040	0.046	0.826	0.097	-0.117	0.316	0.402	0.101	-0.119	0.330	0.398	0.037	-1.347	1.426	0.812	PC(17:0/20:4)	Phosphatidyl choline	PC Ester
AL	AUC	Insulin	id_272	0.014	-0.059	0.097	0.756	0.088	-0.098	0.289	0.364	0.101	-0.099	0.324	0.362	0.134	-2.132	2.676	0.738	PC(18:0/20:4)	Phosphatidyl choline	PC Ester
AL	AUC	Insulin	id_279	0.000	-0.036	0.020	0.842	0.101	-0.102	0.321	0.336	0.101	-0.103	0.317	0.350	0.000	-0.756	0.888	0.844	PC(18:1/18:2)	Phosphatidyl choline	PC Ester
AL	AUC	Insulin	id_283	-0.027	-0.097	0.013	0.246	0.129	-0.071	0.341	0.244	0.101	-0.112	0.315	0.370	-0.271	-5.283	2.311	0.580	PC(18:1/20:3)	Phosphatidyl choline	PC Ester
AL	AUC	Insulin	id_284	-0.005	-0.061	0.050	0.910	0.106	-0.101	0.308	0.312	0.101	-0.109	0.316	0.366	-0.049	-2.365	2.197	0.944	PC(18:1/20:4)	Phosphatidyl choline	PC Ester
AL	AUC	Insulin	id_289	-0.010	-0.055	0.029	0.642	0.112	-0.102	0.309	0.390	0.101	-0.117	0.304	0.440	-0.102	-1.414	1.465	0.882	PC(18:2/16:1)	Phosphatidyl choline	PC Ester
AL	AUC	Insulin	id_354	-0.005	-0.036	0.023	0.770	0.106	-0.116	0.317	0.348	0.101	-0.115	0.315	0.364	-0.046	-1.002	0.861	0.882	PE(18:1/22:0)	Phosphatidyl ethanolamine	PE Ester
AL	AUC	Insulin	id_386	-0.009	-0.083	0.076	0.798	0.110	-0.095	0.316	0.286	0.101	-0.113	0.322	0.364	-0.086	-2.500	3.116	0.986	PE(P-16:0/18:1)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	AUC	Insulin	id_398	0.011	-0.049	0.060	0.684	0.090	-0.108	0.303	0.400	0.101	-0.110	0.322	0.368	0.107	-2.047	1.659	0.692	PE(P-18:0/16:0)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	AUC	Insulin	id_405	0.011	-0.049	0.084	0.736	0.090	-0.119	0.289	0.390	0.101	-0.117	0.319	0.408	0.106	-2.290	1.875	0.712	PE(P-18:0/20:3)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	AUC	Insulin	id_414	-0.008	-0.085	0.063	0.788	0.109	-0.097	0.324	0.312	0.101	-0.127	0.315	0.354	-0.082	-2.600	2.752	0.970	PE(P-18:1/18:1)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	AUC	Insulin	id_448	0.020	-0.062	0.115	0.584	0.082	-0.125	0.284	0.452	0.101	-0.122	0.332	0.388	0.193	-1.807	3.372	0.556	SM(14:0)	Sphingolipids	Sphingomyelin
AL	AUC	Insulin	id_449	0.010	-0.048	0.084	0.706	0.091	-0.120	0.315	0.416	0.101	-0.115	0.332	0.362	0.103	-2.592	2.233	0.740	SM(16:0)	Sphingolipids	Sphingomyelin
AL	AUC	Insulin	id_450	0.015	-0.057	0.093	0.662	0.087	-0.126	0.302	0.440	0.101	-0.118	0.321	0.356	0.144	-2.510	3.802	0.686	SM(18:0)	Sphingolipids	Sphingomyelin

AL	AUC	Insulin	id_451	0.014	-0.059	0.086	0.654	0.087	-0.110	0.308	0.404	0.101	-0.101	0.333	0.340	0.139	-2.469	3.257	0.646	SM(18:1)	Sphingolipid s	Sphingomyelin
AL	AUC	Insulin	id_452	0.001	-0.052	0.077	0.970	0.100	-0.111	0.316	0.398	0.101	-0.127	0.328	0.378	0.014	-2.131	2.742	0.884	SM(20:0)	Sphingolipid s	Sphingomyelin
AL	AUC	Insulin	id_453	0.003	-0.065	0.074	0.950	0.099	-0.096	0.312	0.344	0.101	-0.098	0.322	0.352	0.026	-3.183	2.955	0.802	SM(20:1)	Sphingolipid s	Sphingomyelin
AL	AUC	Insulin	id_454	0.008	-0.059	0.088	0.790	0.093	-0.108	0.293	0.368	0.101	-0.102	0.303	0.344	0.083	-1.903	2.010	0.774	SM(22:0)	Sphingolipid s	Sphingomyelin
AL	AUC	Insulin	id_455	0.014	-0.065	0.116	0.732	0.087	-0.122	0.311	0.432	0.101	-0.121	0.326	0.360	0.141	-2.213	2.803	0.712	SM(22:1)	Sphingolipid s	Sphingomyelin
AL	AUC	Insulin	id_456	-0.025	-0.110	0.056	0.520	0.126	-0.067	0.325	0.186	0.101	-0.088	0.316	0.330	-0.245	-4.273	3.229	0.778	SM(24:0)	Sphingolipid s	Sphingomyelin
AL	AUC	Insulin	id_457	-0.009	-0.072	0.057	0.762	0.110	-0.108	0.327	0.332	0.101	-0.106	0.332	0.378	-0.086	-2.578	1.707	0.932	SM(24:1)	Sphingolipid s	Sphingomyelin
AL	AUC	Insulin	id_458	-0.013	-0.057	0.034	0.556	0.114	-0.101	0.348	0.300	0.101	-0.113	0.341	0.340	-0.127	-1.833	1.271	0.748	SM(26:0)	Sphingolipid s	Sphingomyelin
AL	AUC	Insulin	id_459	-0.003	-0.039	0.023	0.788	0.105	-0.111	0.327	0.356	0.101	-0.117	0.322	0.362	-0.033	-1.546	0.609	0.862	SM(26:1)	Sphingolipid s	Sphingomyelin
AL	AUC	Insulin	id_660	-0.007	-0.099	0.090	0.872	0.109	-0.092	0.302	0.284	0.101	-0.129	0.320	0.386	-0.074	-3.707	3.248	0.874	TAG51:3-FA16:0	Triacylglycerol	
AL	AUC	Insulin	id_663	-0.010	-0.070	0.042	0.738	0.111	-0.097	0.329	0.338	0.101	-0.119	0.319	0.398	-0.099	-2.449	1.971	0.980	TAG51:3-FA18:1	Triacylglycerol	TAG Ester
AL	AUC	Insulin	id_667	0.002	-0.079	0.092	0.926	0.099	-0.093	0.293	0.298	0.101	-0.110	0.314	0.336	0.020	-3.295	5.121	0.818	TAG51:4-FA16:0	Triacylglycerol	TAG Ester
AL	AUC	Insulin	id_755	0.070	-0.001	0.156	0.052	0.032	-0.171	0.245	0.804	0.101	-0.107	0.318	0.360	0.687	-5.630	6.236	0.368	TAG53:3-FA18:0	Triacylglycerol	TAG Ester
AL	AUC	Insulin	id_760	0.013	-0.057	0.085	0.692	0.088	-0.110	0.280	0.430	0.101	-0.104	0.304	0.372	0.128	-2.039	2.318	0.676	TAG53:4-FA18:0	Triacylglycerol	TAG Ester
AL	AUC	Insulin	id_761	-0.006	-0.072	0.058	0.904	0.107	-0.104	0.321	0.276	0.101	-0.121	0.328	0.342	-0.060	-2.660	2.167	0.922	TAG53:4-FA18:1	Triacylglycerol	TAG Ester
AL	AUC	Insulin	id_765	0.018	-0.053	0.096	0.594	0.083	-0.126	0.282	0.446	0.101	-0.124	0.307	0.380	0.178	-2.339	3.493	0.650	TAG53:5-FA18:1	Triacylglycerol	TAG Ester
AL	AUC	Insulin	id_766	-0.001	-0.054	0.070	0.960	0.102	-0.103	0.319	0.360	0.101	-0.102	0.336	0.360	-0.011	-2.181	1.456	0.860	TAG53:5-FA18:2	Triacylglycerol	TAG Ester
AL	AUC	Insulin	id_769	0.022	-0.034	0.092	0.426	0.079	-0.140	0.284	0.494	0.101	-0.130	0.315	0.378	0.216	-1.505	2.507	0.520	TAG53:6-FA18:1	Triacylglycerol	TAG Ester
AL	AUC	Insulin	id_770	-0.007	-0.072	0.066	0.846	0.108	-0.091	0.302	0.312	0.101	-0.106	0.303	0.330	-0.068	-3.957	2.022	0.984	TAG53:6-FA18:2	Triacylglycerol	TAG Ester
AL	AUC	Insulin	id_771	-0.005	-0.072	0.060	0.932	0.106	-0.093	0.305	0.274	0.101	-0.102	0.308	0.314	-0.045	-2.337	2.616	0.918	TAG53:6-FA18:3	Triacylglycerol	TAG Ester

AL	AUC	Insulin	id_773	-0.004	-0.061	0.045	0.830	0.105	-0.098	0.323	0.318	0.101	-0.104	0.309	0.328	-0.041	-1.578	2.040	0.930	TAG53:7- Triacylglycer		
	FA18:3																			ol	TAG Ester	
AL	AUC	Insulin	id_856	-0.005	-0.073	0.063	0.850	0.106	-0.101	0.304	0.342	0.101	-0.120	0.297	0.394	-0.051	-2.186	4.007	0.928	TAG55:6- Triacylglycer		
	FA18:1																			ol	TAG Ester	
AL	AUC	Insulin	id_857	0.014	-0.026	0.072	0.496	0.087	-0.118	0.306	0.400	0.101	-0.110	0.317	0.332	0.139	-1.505	1.625	0.624	TAG55:6- Triacylglycer		
	FA20:3																			ol	TAG Ester	
AL	AUC	Insulin	id_860	0.003	-0.082	0.062	0.906	0.098	-0.108	0.311	0.324	0.101	-0.118	0.323	0.334	0.035	-2.893	2.226	0.804	TAG55:7- Triacylglycer		
	FA18:1																			ol	TAG Ester	
AL	AUC	Insulin	id_861	0.010	-0.022	0.058	0.566	0.092	-0.122	0.311	0.464	0.101	-0.108	0.315	0.410	0.095	-0.991	1.332	0.708	TAG55:7- Triacylglycer		
	FA20:3																			ol	TAG Ester	
AL	AUC	Insulin	id_862	-0.013	-0.077	0.044	0.658	0.114	-0.101	0.320	0.310	0.101	-0.115	0.320	0.376	-0.126	-3.538	2.093	0.854	TAG55:7- Triacylglycer		
	FA20:4																			ol	TAG Ester	
AL	AUC	Insulin	id_864	0.002	-0.048	0.059	0.942	0.100	-0.105	0.307	0.344	0.101	-0.108	0.320	0.348	0.017	-2.058	2.041	0.842	TAG55:8- Triacylglycer		
	FA20:4																			ol	TAG Ester	
AL	AUC	Insulin	id_939	0.007	-0.034	0.056	0.762	0.094	-0.123	0.308	0.438	0.101	-0.127	0.317	0.398	0.072	-1.425	1.677	0.828	TAG57:9- Triacylglycer		
	FA22:6																			ol	TAG Ester	
AL	AUC	Insulin	id_978	-0.026	-0.134	0.065	0.594	0.128	-0.074	0.339	0.218	0.101	-0.121	0.336	0.378	-0.262	-4.710	4.565	0.896	Neutral Complex		
	Total CE																			Lipids SUM	Cholesteryl Esters	
AL	AUC	Insulin	id_979	-0.003	-0.108	0.099	0.912	0.104	-0.105	0.301	0.280	0.101	-0.120	0.324	0.358	-0.031	-3.070	3.613	0.898	Total Sphingolipid		
	CER																			SUM	Ceramides	
AL	AUC	Insulin	id_981	-0.023	-0.112	0.070	0.566	0.124	-0.079	0.331	0.254	0.101	-0.123	0.323	0.372	-0.226	-4.757	3.203	0.862	Total Sphingolipid		
	DCER																			SUM	Dihydrocera mides	
AL	AUC	Insulin	id_982	-0.001	-0.034	0.026	0.908	0.102	-0.139	0.345	0.380	0.101	-0.139	0.330	0.386	-0.007	-0.838	0.648	0.910	Total Sphingolipid		
	HCER																			SUM	Hexosylcera mides	
AL	AUC	Insulin	id_983	0.001	-0.047	0.051	0.974	0.100	-0.121	0.340	0.348	0.101	-0.126	0.340	0.334	0.008	-1.862	1.489	0.936	Total Sphingolipid		
	LCER																			SUM	Lactosylcera mides	
AL	AUC	Insulin	id_987	-0.019	-0.095	0.055	0.568	0.120	-0.079	0.325	0.264	0.101	-0.112	0.316	0.372	-0.190	-2.713	4.318	0.852	Phospholipid		
	Total PC																			SUM	Phosphatidyl cholines	
AL	AUC	Insulin	id_990	0.008	-0.065	0.095	0.834	0.094	-0.127	0.292	0.376	0.101	-0.119	0.318	0.362	0.075	-3.063	2.831	0.776	Sphingolipid		
	Total SM																			SUM	Sphingomyel ins	
AL	AUC	Insulin	id_039	-0.011	-0.046	0.007	0.322	0.112	-0.099	0.339	0.314	0.101	-0.109	0.318	0.364	-0.108	-1.540	1.092	0.582	Cholesterol		
	CE(22:1)																			Ester	CE Ester	
AL	AUC	Insulin	id_060	-0.008	-0.093	0.034	0.676	0.109	-0.105	0.336	0.304	0.101	-0.118	0.319	0.390	-0.080	-2.427	2.550	0.886	DAG(12: Diacylglycer		
	0/18:1)																			ol	DAG Ester	
AL	AUC	Insulin	id_071	-0.012	-0.086	0.070	0.680	0.114	-0.101	0.318	0.294	0.101	-0.116	0.318	0.348	-0.123	-3.207	1.756	0.888	DAG(14: Diacylglycer		
	1/16:0)																			ol	DAG Ester	
AL	AUC	Insulin	id_072	-0.003	-0.044	0.042	0.942	0.104	-0.108	0.323	0.346	0.101	-0.118	0.329	0.358	-0.025	-1.207	1.481	0.924	DAG(14: Diacylglycer		
	1/18:1)																			ol	DAG Ester	
AL	AUC	Insulin	id_150	0.012	-0.050	0.087	0.748	0.090	-0.111	0.324	0.448	0.101	-0.108	0.332	0.380	0.114	-2.156	3.129	0.748	LCER(24: Sphingolipid		
	1)																			s	Lactosylcera mide	

AL	AUC Insulin	id_151	0.010	-0.023	0.050	0.606	0.091	-0.130	0.314	0.442	0.101	-0.120	0.305	0.408	0.097	-0.956	1.201	0.742	LCER(26:0)	Sphingolipids	Lactosylceramide
AL	AUC Insulin	id_160	-0.002	-0.061	0.064	0.962	0.103	-0.110	0.328	0.338	0.101	-0.118	0.326	0.364	-0.019	-2.455	2.970	0.926	LPC(18:2)	Lysophosphatidylcholine	LPC Ester
AL	AUC Insulin	id_196	-0.019	-0.104	0.049	0.612	0.120	-0.083	0.337	0.286	0.101	-0.124	0.330	0.400	-0.186	-4.254	3.848	0.892	MAG(18:3)	MAG	Ester
AL	AUC Insulin	id_199	-0.023	-0.086	0.015	0.304	0.124	-0.102	0.349	0.298	0.101	-0.124	0.320	0.416	-0.223	-2.501	3.483	0.608	MAG(20:1)	MAG	Ester
AL	AUC Insulin	id_200	-0.009	-0.068	0.021	0.612	0.110	-0.103	0.335	0.334	0.101	-0.116	0.327	0.376	-0.085	-1.785	1.475	0.804	MAG(20:2)	MAG	Ester
AL	AUC Insulin	id_201	-0.004	-0.065	0.026	0.724	0.105	-0.108	0.324	0.338	0.101	-0.119	0.320	0.380	-0.036	-1.304	1.736	0.940	MAG(20:3)	MAG	Ester
AL	AUC Insulin	id_251	-0.002	-0.029	0.022	0.886	0.104	-0.113	0.333	0.360	0.101	-0.112	0.326	0.368	-0.023	-0.708	0.733	0.918	PC(16:0/22:6)	Phosphatidylcholine	PC Ester
AL	AUC Insulin	id_288	-0.009	-0.055	0.019	0.630	0.110	-0.108	0.318	0.312	0.101	-0.115	0.305	0.348	-0.092	-1.389	1.051	0.746	PC(18:1/22:6)	Phosphatidylcholine	PC Ester
AL	AUC Insulin	id_293	-0.001	-0.031	0.030	0.938	0.102	-0.117	0.326	0.388	0.101	-0.115	0.317	0.396	-0.012	-1.067	0.973	0.954	PC(18:2/20:2)	Phosphatidylcholine	PC Ester
AL	AUC Insulin	id_298	-0.013	-0.063	0.016	0.432	0.115	-0.098	0.346	0.294	0.101	-0.117	0.331	0.358	-0.132	-2.270	1.830	0.654	PC(18:2/22:5)	Phosphatidylcholine	PC Ester
AL	AUC Insulin	id_332	0.028	-0.041	0.099	0.362	0.073	-0.134	0.265	0.484	0.101	-0.107	0.309	0.368	0.280	-3.124	3.213	0.506	PE(18:0/18:0)	Phosphatidylethanolamine	PE Ester
AL	AUC Insulin	id_359	0.017	-0.059	0.072	0.598	0.084	-0.120	0.277	0.398	0.101	-0.103	0.298	0.382	0.167	-2.825	1.863	0.660	PE(18:2/16:1)	Phosphatidylethanolamine	PE Ester
AL	AUC Insulin	id_366	-0.006	-0.049	0.030	0.772	0.107	-0.110	0.315	0.376	0.101	-0.115	0.304	0.396	-0.058	-1.300	0.872	0.876	PE(O-16:0/18:2)	Phosphatidylethanolamine	PE Ether
AL	AUC Insulin	id_368	0.008	-0.049	0.066	0.744	0.093	-0.111	0.296	0.406	0.101	-0.106	0.315	0.364	0.083	-2.821	1.765	0.764	PE(O-16:0/20:4)	Phosphatidylethanolamine	PE Ether
AL	AUC Insulin	id_372	0.012	-0.036	0.060	0.604	0.089	-0.120	0.308	0.378	0.101	-0.113	0.326	0.336	0.118	-2.230	1.772	0.692	PE(O-16:0/22:6)	Phosphatidylethanolamine	PE Ether
AL	AUC Insulin	id_378	0.016	-0.052	0.102	0.648	0.085	-0.127	0.299	0.446	0.101	-0.132	0.329	0.390	0.156	-2.000	3.238	0.626	PE(O-18:0/20:4)	Phosphatidylethanolamine	PE Ether

AL	AUC	id_381	0.007	-0.066	0.067	0.862	0.094	-0.100	0.309	0.424	0.101	-0.108	0.315	0.412	0.069	-2.610	3.055	0.750	PE(O-18:0/22:5)	Phosphatidyl ethanolamine	PE Ether
AL	AUC	id_382	0.012	-0.022	0.055	0.484	0.089	-0.114	0.305	0.422	0.101	-0.109	0.324	0.358	0.122	-1.075	1.856	0.618	PE(O-18:0/22:6)	Phosphatidyl ethanolamine	PE Ether
AL	AUC	id_387	-0.015	-0.078	0.032	0.522	0.116	-0.104	0.339	0.272	0.101	-0.114	0.336	0.348	-0.150	-2.230	2.058	0.738	PE(P-16:0/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	AUC	id_392	-0.004	-0.064	0.063	0.928	0.105	-0.084	0.322	0.282	0.101	-0.089	0.334	0.304	-0.035	-2.468	3.143	0.916	PE(P-16:0/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	AUC	id_395	0.019	-0.081	0.137	0.708	0.082	-0.108	0.279	0.412	0.101	-0.127	0.331	0.360	0.191	-3.494	3.405	0.600	PE(P-16:0/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	AUC	id_396	0.017	-0.035	0.069	0.502	0.084	-0.124	0.302	0.430	0.101	-0.120	0.318	0.364	0.167	-1.241	1.697	0.574	PE(P-16:0/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	AUC	id_401	0.006	-0.074	0.087	0.880	0.095	-0.126	0.297	0.408	0.101	-0.129	0.308	0.382	0.060	-3.037	2.923	0.790	PE(P-18:0/18:1)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	AUC	id_402	-0.008	-0.064	0.049	0.776	0.109	-0.098	0.318	0.314	0.101	-0.110	0.319	0.384	-0.077	-2.139	2.052	0.940	PE(P-18:0/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	AUC	id_406	0.009	-0.072	0.101	0.878	0.093	-0.103	0.298	0.356	0.101	-0.123	0.326	0.340	0.085	-2.524	3.494	0.770	PE(P-18:0/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	AUC	id_409	-0.002	-0.090	0.091	0.980	0.103	-0.103	0.318	0.344	0.101	-0.118	0.327	0.374	-0.021	-3.070	2.539	0.866	PE(P-18:0/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	AUC	id_410	0.021	-0.033	0.079	0.350	0.080	-0.126	0.278	0.444	0.101	-0.108	0.309	0.348	0.210	-1.861	2.171	0.486	PE(P-18:0/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	AUC	id_411	0.001	-0.077	0.074	0.926	0.100	-0.109	0.316	0.408	0.101	-0.115	0.330	0.424	0.012	-2.899	2.282	0.806	PE(P-18:1/16:0)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	AUC	id_415	-0.013	-0.079	0.035	0.596	0.115	-0.107	0.318	0.286	0.101	-0.113	0.315	0.364	-0.133	-1.368	2.510	0.816	PE(P-18:1/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen

AL	AUC	id_419	-0.010	-0.082	0.075	0.804	0.111	-0.090	0.335	0.294	0.101	-0.119	0.338	0.376	-0.095	-2.240	3.082	0.960	PE(P-18:1/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	AUC	id_421	-0.033	-0.113	0.025	0.280	0.134	-0.090	0.334	0.246	0.101	-0.123	0.304	0.380	-0.322	-3.745	2.669	0.612	PE(P-18:1/22:4)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	AUC	id_422	0.028	-0.080	0.140	0.594	0.073	-0.112	0.279	0.406	0.101	-0.106	0.321	0.308	0.275	-2.701	3.556	0.534	PE(P-18:1/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	AUC	id_423	0.010	-0.047	0.054	0.678	0.092	-0.115	0.314	0.374	0.101	-0.113	0.323	0.330	0.094	-2.592	2.791	0.700	PE(P-18:1/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	AUC	id_424	-0.008	-0.051	0.026	0.650	0.110	-0.107	0.301	0.350	0.101	-0.115	0.293	0.396	-0.084	-1.369	1.578	0.870	PE(P-18:2/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	AUC	id_425	-0.002	-0.055	0.047	0.974	0.103	-0.101	0.326	0.336	0.101	-0.098	0.334	0.340	-0.018	-1.541	1.965	0.930	PE(P-18:2/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	C-peptide	id_048	-13.149	-37.789	-6.574	0.000	-42.133	-80.441	3.318	0.076	-55.282	-95.423	-17.093	0.006	0.238	0.098	1.122	0.006	CER(18:0)	Sphingolipid	Ceramide
CR	C-peptide	id_660	-8.139	-55.655	-5.507	0.000	-47.143	-85.659	10.260	0.148	-55.282	-96.984	-16.425	0.012	0.147	0.076	1.352	0.012	TAG51:3-FA16:0	Triacylglycerol	TAG Ester
CR	C-peptide	id_663	-10.232	-47.270	-6.542	0.000	-45.050	-80.385	9.325	0.106	-55.282	-92.870	-13.708	0.008	0.185	0.090	1.405	0.008	TAG51:3-FA18:1	Triacylglycerol	TAG Ester
CR	C-peptide	id_667	-8.136	-48.609	-5.243	0.000	-47.147	-81.486	6.885	0.106	-55.282	-95.461	-17.695	0.006	0.147	0.074	1.178	0.006	TAG51:4-FA16:0	Triacylglycerol	TAG Ester
CR	C-peptide	id_761	-3.911	-37.660	-2.887	0.000	-51.372	-81.929	0.522	0.054	-55.282	-92.370	-17.308	0.002	0.071	0.040	1.001	0.002	TAG53:4-FA18:1	Triacylglycerol	TAG Ester
CR	C-peptide	id_766	-3.483	-35.477	-2.636	0.000	-51.799	-86.937	-4.264	0.034	-55.282	-94.246	-16.029	0.006	0.063	0.037	0.800	0.006	TAG53:5-FA18:2	Triacylglycerol	TAG Ester
CR	C-peptide	id_048	-13.149	-37.789	-6.574	0.000	-42.133	-80.441	3.318	0.076	-55.282	-95.423	-17.093	0.006	0.238	0.098	1.122	0.006	CER(18:0)	Sphingolipid	Ceramide
CR	C-peptide	id_660	-8.139	-55.655	-5.507	0.000	-47.143	-85.659	10.260	0.148	-55.282	-96.984	-16.425	0.012	0.147	0.076	1.352	0.012	TAG51:3-FA16:0	Triacylglycerol	TAG Ester
CR	C-peptide	id_663	-10.232	-47.270	-6.542	0.000	-45.050	-80.385	9.325	0.106	-55.282	-92.870	-13.708	0.008	0.185	0.090	1.405	0.008	TAG51:3-FA18:1	Triacylglycerol	TAG Ester
CR	C-peptide	id_667	-8.136	-48.609	-5.243	0.000	-47.147	-81.486	6.885	0.106	-55.282	-95.461	-17.695	0.006	0.147	0.074	1.178	0.006	TAG51:4-FA16:0	Triacylglycerol	TAG Ester
CR	C-peptide	id_761	-3.911	-37.660	-2.887	0.000	-51.372	-81.929	0.522	0.054	-55.282	-92.370	-17.308	0.002	0.071	0.040	1.001	0.002	TAG53:4-FA18:1	Triacylglycerol	TAG Ester

CR	C-peptide	id_766	-3.483	-35.477	-2.636	0.000	-51.799	-86.937	-4.264	0.034	-55.282	-94.246	-16.029	0.006	0.063	0.037	0.800	0.006	TAG53:5- Triacylglycerol	FA18:2	ol	TAG Ester
CR	C-peptide	id_052	-7.824	-27.877	-3.375	0.002	-47.459	-87.483	-4.123	0.026	-55.282	-96.974	-16.705	0.004	0.142	0.052	0.731	0.006	CER(22:0 Sphingolipid	)	s	Ceramide
CR	C-peptide	id_860	-5.526	-30.037	-3.304	0.002	-49.757	-83.301	-3.772	0.040	-55.282	-92.142	-15.269	0.006	0.100	0.049	0.776	0.008	TAG55:7- Triacylglycerol	FA18:1	ol	TAG Ester
CR	C-peptide	id_052	-7.824	-27.877	-3.375	0.002	-47.459	-87.483	-4.123	0.026	-55.282	-96.974	-16.705	0.004	0.142	0.052	0.731	0.006	CER(22:0 Sphingolipid	)	s	Ceramide
CR	C-peptide	id_860	-5.526	-30.037	-3.304	0.002	-49.757	-83.301	-3.772	0.040	-55.282	-92.142	-15.269	0.006	0.100	0.049	0.776	0.008	TAG55:7- Triacylglycerol	FA18:1	ol	TAG Ester
CR	C-peptide	id_771	-2.600	-21.127	-1.700	0.004	-52.682	-89.335	-7.628	0.018	-55.282	-93.976	-15.176	0.006	0.047	0.022	0.471	0.010	TAG53:6- Triacylglycerol	FA18:3	ol	TAG Ester
CR	C-peptide	id_771	-2.600	-21.127	-1.700	0.004	-52.682	-89.335	-7.628	0.018	-55.282	-93.976	-15.176	0.006	0.047	0.022	0.471	0.010	TAG53:6- Triacylglycerol	FA18:3	ol	TAG Ester
CR	C-peptide	id_053	-8.227	-33.054	-3.450	0.006	-47.055	-83.651	-0.611	0.046	-55.282	-92.696	-14.611	0.006	0.149	0.045	0.934	0.012	CER(22:1 Sphingolipid	)	s	Ceramide
CR	C-peptide	id_053	-8.227	-33.054	-3.450	0.006	-47.055	-83.651	-0.611	0.046	-55.282	-92.696	-14.611	0.006	0.149	0.045	0.934	0.012	CER(22:1 Sphingolipid	)	s	Ceramide
CR	C-peptide	id_050	-7.094	-24.590	-1.748	0.020	-48.188	-88.141	-3.278	0.032	-55.282	-94.658	-15.146	0.004	0.128	0.026	0.747	0.024	CER(20:0 Sphingolipid	)	s	Ceramide
CR	C-peptide	id_419	-7.909	-16.731	-1.421	0.020	-47.373	-88.322	-8.787	0.016	-55.282	-96.298	-18.079	0.006	0.143	0.018	0.528	0.026	PE(P-18:1/20: ethanolamine	4)	e	Plasmalogen
CR	C-peptide	id_050	-7.094	-24.590	-1.748	0.020	-48.188	-88.141	-3.278	0.032	-55.282	-94.658	-15.146	0.004	0.128	0.026	0.747	0.024	CER(20:0 Sphingolipid	)	s	Ceramide
CR	C-peptide	id_419	-7.909	-16.731	-1.421	0.020	-47.373	-88.322	-8.787	0.016	-55.282	-96.298	-18.079	0.006	0.143	0.018	0.528	0.026	PE(P-18:1/20: ethanolamine	4)	e	Plasmalogen
CR	C-peptide	id_047	-5.139	-17.672	-1.385	0.022	-50.144	-86.741	-7.248	0.026	-55.282	-93.788	-15.211	0.006	0.093	0.022	0.540	0.028	CER(16:0 Sphingolipid	)	s	Ceramide
CR	C-peptide	id_047	-5.139	-17.672	-1.385	0.022	-50.144	-86.741	-7.248	0.026	-55.282	-93.788	-15.211	0.006	0.093	0.022	0.540	0.028	CER(16:0 Sphingolipid	)	s	Ceramide
CR	C-peptide	id_770	-3.731	-24.505	-2.214	0.024	-51.551	-87.233	-8.327	0.022	-55.282	-94.014	-13.711	0.010	0.067	0.028	0.470	0.034	TAG53:6- Triacylglycerol	FA18:2	ol	TAG Ester
CR	C-peptide	id_770	-3.731	-24.505	-2.214	0.024	-51.551	-87.233	-8.327	0.022	-55.282	-94.014	-13.711	0.010	0.067	0.028	0.470	0.034	TAG53:6- Triacylglycerol	FA18:2	ol	TAG Ester
CR	C-peptide	id_026	-4.914	-17.175	-1.044	0.026	-50.369	-89.073	-6.606	0.028	-55.282	-95.055	-14.028	0.002	0.089	0.019	0.616	0.028	Cholesterol	CE(17:0)	Ester	CE Ester
CR	C-peptide	id_395	-8.822	-22.944	-1.513	0.026	-46.460	-87.717	-4.567	0.028	-55.282	-95.939	-17.122	0.004	0.160	0.020	0.791	0.030	PE(P-16:0/22: ethanolamine	5)	e	Plasmalogen

CR	C-peptide	id_026	-4.914	-17.175	-1.044	0.026	-50.369	-89.073	-6.606	0.028	-55.282	-95.055	-14.028	0.002	0.089	0.019	0.616	0.028	CE(17:0)	Cholesterol Ester	CE Ester
CR	C-peptide	id_395	-8.822	-22.944	-1.513	0.026	-46.460	-87.717	-4.567	0.028	-55.282	-95.939	-17.122	0.004	0.160	0.020	0.791	0.030	PE(P-16:0/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	C-peptide	id_126	-3.442	-13.322	-0.858	0.028	-51.840	-90.817	-10.382	0.014	-55.282	-96.263	-15.333	0.004	0.062	0.012	0.359	0.032	DCER(24:1)	Sphingolipids	Dihydroceramide
CR	C-peptide	id_409	-9.081	-23.215	-1.139	0.028	-46.202	-84.926	-2.618	0.038	-55.282	-92.874	-15.781	0.008	0.164	0.012	0.792	0.036	PE(P-18:0/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	C-peptide	id_126	-3.442	-13.322	-0.858	0.028	-51.840	-90.817	-10.382	0.014	-55.282	-96.263	-15.333	0.004	0.062	0.012	0.359	0.032	DCER(24:1)	Sphingolipids	Dihydroceramide
CR	C-peptide	id_409	-9.081	-23.215	-1.139	0.028	-46.202	-84.926	-2.618	0.038	-55.282	-92.874	-15.781	0.008	0.164	0.012	0.792	0.036	PE(P-18:0/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	C-peptide	id_392	-8.072	-17.182	-0.827	0.032	-47.210	-88.596	-3.875	0.034	-55.282	-96.811	-13.650	0.008	0.146	0.006	0.654	0.040	PE(P-16:0/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	C-peptide	id_392	-8.072	-17.182	-0.827	0.032	-47.210	-88.596	-3.875	0.034	-55.282	-96.811	-13.650	0.008	0.146	0.006	0.654	0.040	PE(P-16:0/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	C-peptide	id_035	-5.121	-16.999	-0.461	0.038	-50.161	-87.008	-9.498	0.016	-55.282	-92.421	-16.920	0.004	0.093	0.006	0.488	0.042	CE(20:3)	Cholesterol Ester	CE Ester
CR	C-peptide	id_979	-5.865	-18.514	-1.044	0.038	-49.417	-89.426	-6.142	0.024	-55.282	-96.779	-15.940	0.004	0.106	0.016	0.588	0.042	Total CER	Sphingolipid SUM	Ceramides
CR	C-peptide	id_035	-5.121	-16.999	-0.461	0.038	-50.161	-87.008	-9.498	0.016	-55.282	-92.421	-16.920	0.004	0.093	0.006	0.488	0.042	CE(20:3)	Cholesterol Ester	CE Ester
CR	C-peptide	id_979	-5.865	-18.514	-1.044	0.038	-49.417	-89.426	-6.142	0.024	-55.282	-96.779	-15.940	0.004	0.106	0.016	0.588	0.042	Total CER	Sphingolipid SUM	Ceramides
CR	C-peptide	id_773	-3.019	-14.647	-0.323	0.040	-52.263	-91.617	-6.916	0.018	-55.282	-95.633	-11.341	0.004	0.055	0.004	0.440	0.044	TAG53:7-FA18:3	Triacylglycerol	TAG Ester
CR	C-peptide	id_773	-3.019	-14.647	-0.323	0.040	-52.263	-91.617	-6.916	0.018	-55.282	-95.633	-11.341	0.004	0.055	0.004	0.440	0.044	TAG53:7-FA18:3	Triacylglycerol	TAG Ester
CR	C-peptide	id_981	-4.091	-16.971	-0.275	0.042	-51.191	-94.653	-10.487	0.016	-55.282	-99.597	-17.743	0.008	0.074	0.001	0.423	0.050	Total DCER	Sphingolipid SUM	Dihydroceramides
CR	C-peptide	id_981	-4.091	-16.971	-0.275	0.042	-51.191	-94.653	-10.487	0.016	-55.282	-99.597	-17.743	0.008	0.074	0.001	0.423	0.050	Total DCER	Sphingolipid SUM	Dihydroceramides
CR	C-peptide	id_452	-5.220	-16.983	-0.299	0.046	-50.062	-89.040	-8.351	0.016	-55.282	-95.809	-17.295	0.008	0.094	0.000	0.513	0.054	SM(20:0)	Sphingolipids	Sphingomyelin
CR	C-peptide	id_452	-5.220	-16.983	-0.299	0.046	-50.062	-89.040	-8.351	0.016	-55.282	-95.809	-17.295	0.008	0.094	0.000	0.513	0.054	SM(20:0)	Sphingolipids	Sphingomyelin

CR	C-peptide	id_055	-4.724	-12.344	-0.015	0.048	-50.559	-92.538	-8.868	0.020	-55.282	-96.599	-14.997	0.008	0.085	-0.003	0.457	0.056	CER(24:1 Sphingolipids	Ceramide
CR	C-peptide	id_055	-4.724	-12.344	-0.015	0.048	-50.559	-92.538	-8.868	0.020	-55.282	-96.599	-14.997	0.008	0.085	-0.003	0.457	0.056	CER(24:1 Sphingolipids	Ceramide
CR	C-peptide	id_122	-6.037	-20.679	0.037	0.052	-49.246	-92.042	-5.493	0.020	-55.282	-97.429	-15.050	0.004	0.109	-0.004	0.680	0.056 :0)	DCER(22 Sphingolipids	Dihydroceramide
CR	C-peptide	id_381	-6.428	-16.383	0.068	0.052	-48.854	-89.058	-5.425	0.026	-55.282	-95.327	-14.201	0.006	0.116	-0.003	0.625	0.054 5)	PE(O-18:0/22: ethanolamine	PE Ether
CR	C-peptide	id_122	-6.037	-20.679	0.037	0.052	-49.246	-92.042	-5.493	0.020	-55.282	-97.429	-15.050	0.004	0.109	-0.004	0.680	0.056 :0)	DCER(22 Sphingolipids	Dihydroceramide
CR	C-peptide	id_381	-6.428	-16.383	0.068	0.052	-48.854	-89.058	-5.425	0.026	-55.282	-95.327	-14.201	0.006	0.116	-0.003	0.625	0.054 5)	PE(O-18:0/22: ethanolamine	PE Ether
CR	C-peptide	id_124	-4.694	-12.344	0.324	0.054	-50.588	-87.625	-12.267	0.010	-55.282	-93.757	-15.880	0.006	0.085	-0.009	0.336	0.060 :2)	DCER(22 Sphingolipids	Dihydroceramide
CR	C-peptide	id_124	-4.694	-12.344	0.324	0.054	-50.588	-87.625	-12.267	0.010	-55.282	-93.757	-15.880	0.006	0.085	-0.009	0.336	0.060 :2)	DCER(22 Sphingolipids	Dihydroceramide
CR	C-peptide	id_454	-5.129	-19.171	0.108	0.056	-50.154	-88.037	-8.710	0.022	-55.282	-92.082	-17.746	0.006	0.093	-0.007	0.552	0.062)	SM(22:0 Sphingolipids	Sphingomyelin
CR	C-peptide	id_454	-5.129	-19.171	0.108	0.056	-50.154	-88.037	-8.710	0.022	-55.282	-92.082	-17.746	0.006	0.093	-0.007	0.552	0.062)	SM(22:0 Sphingolipids	Sphingomyelin
CR	C-peptide	id_029	-4.060	-12.166	0.188	0.064	-51.223	-87.893	-12.963	0.010	-55.282	-91.420	-18.544	0.004	0.073	-0.005	0.326	0.068	CE(18:2) Ester	CE Ester
CR	C-peptide	id_450	-4.655	-13.162	0.391	0.064	-50.627	-88.548	-8.406	0.016	-55.282	-94.187	-16.060	0.012	0.084	-0.017	0.415	0.076)	SM(18:0 Sphingolipids	Sphingomyelin
CR	C-peptide	id_029	-4.060	-12.166	0.188	0.064	-51.223	-87.893	-12.963	0.010	-55.282	-91.420	-18.544	0.004	0.073	-0.005	0.326	0.068	CE(18:2) Ester	CE Ester
CR	C-peptide	id_450	-4.655	-13.162	0.391	0.064	-50.627	-88.548	-8.406	0.016	-55.282	-94.187	-16.060	0.012	0.084	-0.017	0.415	0.076)	SM(18:0 Sphingolipids	Sphingomyelin
CR	C-peptide	id_254	-3.296	-9.385	0.247	0.066	-51.986	-92.835	-12.589	0.014	-55.282	-95.729	-16.013	0.008	0.060	-0.006	0.261	0.074	PC(17:0/18:2) Phosphatidylcholine	PC Ester
CR	C-peptide	id_254	-3.296	-9.385	0.247	0.066	-51.986	-92.835	-12.589	0.014	-55.282	-95.729	-16.013	0.008	0.060	-0.006	0.261	0.074	PC(17:0/18:2) Phosphatidylcholine	PC Ester
CR	C-peptide	id_117	-3.809	-11.584	0.351	0.072	-51.474	-89.026	-11.762	0.016	-55.282	-93.503	-15.256	0.008	0.069	-0.009	0.332	0.080 :0)	DCER(16 Sphingolipids	Dihydroceramide
CR	C-peptide	id_117	-3.809	-11.584	0.351	0.072	-51.474	-89.026	-11.762	0.016	-55.282	-93.503	-15.256	0.008	0.069	-0.009	0.332	0.080 :0)	DCER(16 Sphingolipids	Dihydroceramide
CR	C-peptide	id_034	-4.360	-15.780	1.050	0.074	-50.923	-92.296	-9.345	0.014	-55.282	-96.477	-15.958	0.006	0.079	-0.036	0.401	0.080	Cholesterol CE(20:2) Ester	CE Ester

CR	C-peptide	id_034	-4.360	-15.780	1.050	0.074	-50.923	-92.296	-9.345	0.014	-55.282	-96.477	-15.958	0.006	0.079	-0.036	0.401	0.080	CE(20:2)	Cholesterol Ester	CE Ester
CR	C-peptide	id_228	-3.974	-10.213	0.380	0.080	-51.309	-88.974	-12.843	0.008	-55.282	-93.049	-17.976	0.006	0.072	-0.009	0.303	0.086	PC(15:0/18:2)	Phosphatidyl choline	PC Ester
CR	C-peptide	id_406	-5.285	-12.668	0.474	0.080	-49.998	-87.792	-7.755	0.018	-55.282	-92.918	-13.855	0.012	0.096	-0.017	0.429	0.092	PE(P-18:0/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	C-peptide	id_228	-3.974	-10.213	0.380	0.080	-51.309	-88.974	-12.843	0.008	-55.282	-93.049	-17.976	0.006	0.072	-0.009	0.303	0.086	PC(15:0/18:2)	Phosphatidyl choline	PC Ester
CR	C-peptide	id_406	-5.285	-12.668	0.474	0.080	-49.998	-87.792	-7.755	0.018	-55.282	-92.918	-13.855	0.012	0.096	-0.017	0.429	0.092	PE(P-18:0/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	C-peptide	id_054	-4.968	-15.581	0.892	0.082	-50.314	-93.099	-9.664	0.014	-55.282	-98.630	-17.224	0.004	0.090	-0.022	0.457	0.086	CER(24:0)	Sphingolipid s	Ceramide
CR	C-peptide	id_856	-2.207	-12.439	0.617	0.082	-53.076	-88.478	-12.271	0.016	-55.282	-91.289	-15.487	0.008	0.040	-0.021	0.300	0.090	TAG55:6-FA18:1	Triacylglycerol	TAG Ester
CR	C-peptide	id_054	-4.968	-15.581	0.892	0.082	-50.314	-93.099	-9.664	0.014	-55.282	-98.630	-17.224	0.004	0.090	-0.022	0.457	0.086	CER(24:0)	Sphingolipid s	Ceramide
CR	C-peptide	id_856	-2.207	-12.439	0.617	0.082	-53.076	-88.478	-12.271	0.016	-55.282	-91.289	-15.487	0.008	0.040	-0.021	0.300	0.090	TAG55:6-FA18:1	Triacylglycerol	TAG Ester
CR	C-peptide	id_760	-1.712	-10.337	0.680	0.084	-53.570	-92.991	-11.000	0.014	-55.282	-97.465	-14.326	0.008	0.031	-0.020	0.232	0.088	TAG53:4-FA18:0	Triacylglycerol	TAG Ester
CR	C-peptide	id_421	-5.142	-12.547	1.565	0.084	-50.140	-87.975	-7.878	0.030	-55.282	-93.376	-15.073	0.016	0.093	-0.038	0.424	0.096	PE(P-18:1/22:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	C-peptide	id_760	-1.712	-10.337	0.680	0.084	-53.570	-92.991	-11.000	0.014	-55.282	-97.465	-14.326	0.008	0.031	-0.020	0.232	0.088	TAG53:4-FA18:0	Triacylglycerol	TAG Ester
CR	C-peptide	id_421	-5.142	-12.547	1.565	0.084	-50.140	-87.975	-7.878	0.030	-55.282	-93.376	-15.073	0.016	0.093	-0.038	0.424	0.096	PE(P-18:1/22:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	C-peptide	id_405	-5.536	-14.733	1.909	0.094	-49.747	-93.530	-7.503	0.026	-55.282	-98.065	-14.706	0.008	0.100	-0.038	0.489	0.102	PE(P-18:0/20:3)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	C-peptide	id_405	-5.536	-14.733	1.909	0.094	-49.747	-93.530	-7.503	0.026	-55.282	-98.065	-14.706	0.008	0.100	-0.038	0.489	0.102	PE(P-18:0/20:3)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	C-peptide	id_387	-5.825	-15.054	1.320	0.096	-49.457	-90.228	-9.086	0.020	-55.282	-94.185	-16.046	0.004	0.105	-0.021	0.500	0.100	PE(P-16:0/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen

CR	C-peptide	id_387	-5.825	-15.054	1.320	0.096	-49.457	-90.228	-9.086	0.020	-55.282	-94.185	-16.046	0.004	0.105	-0.021	0.500	0.100	PE(P-16:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen
CR	C-peptide	id_071	-5.589	-14.494	2.038	0.098	-49.693	-91.201	-8.435	0.014	-55.282	-95.084	-15.038	0.006	0.101	-0.040	0.442	0.104	DAG(14:1/16:0)	Diacylglycerol	DAG Ester
CR	C-peptide	id_071	-5.589	-14.494	2.038	0.098	-49.693	-91.201	-8.435	0.014	-55.282	-95.084	-15.038	0.006	0.101	-0.040	0.442	0.104	DAG(14:1/16:0)	Diacylglycerol	DAG Ester
CR	C-peptide	id_150	-4.666	-14.729	0.564	0.102	-50.617	-88.926	-7.786	0.030	-55.282	-95.116	-12.049	0.020	0.084	-0.015	0.340	0.118	LCER(24:1)	Sphingolipids	Lactosylceramide
CR	C-peptide	id_150	-4.666	-14.729	0.564	0.102	-50.617	-88.926	-7.786	0.030	-55.282	-95.116	-12.049	0.020	0.084	-0.015	0.340	0.118	LCER(24:1)	Sphingolipids	Lactosylceramide
CR	C-peptide	id_415	-5.464	-13.642	1.029	0.106	-49.819	-90.648	-10.180	0.018	-55.282	-94.512	-14.983	0.006	0.099	-0.029	0.447	0.112	PE(P-18:1/18:2)	Phosphatidylethanolamine	PE Plasmalogen
CR	C-peptide	id_415	-5.464	-13.642	1.029	0.106	-49.819	-90.648	-10.180	0.018	-55.282	-94.512	-14.983	0.006	0.099	-0.029	0.447	0.112	PE(P-18:1/18:2)	Phosphatidylethanolamine	PE Plasmalogen
CR	C-peptide	id_027	-4.054	-12.582	1.436	0.110	-51.228	-91.223	-7.195	0.020	-55.282	-95.043	-12.928	0.006	0.073	-0.036	0.464	0.116	Cholesterol CE(18:0)	Cholesterol Ester	CE Ester
CR	C-peptide	id_027	-4.054	-12.582	1.436	0.110	-51.228	-91.223	-7.195	0.020	-55.282	-95.043	-12.928	0.006	0.073	-0.036	0.464	0.116	Cholesterol CE(18:0)	Cholesterol Ester	CE Ester
CR	C-peptide	id_123	-2.365	-7.987	0.773	0.118	-52.917	-92.774	-10.083	0.014	-55.282	-94.376	-13.839	0.010	0.043	-0.018	0.255	0.128	DCER(22:1)	Sphingolipids	Dihydroceramide
CR	C-peptide	id_135	-3.087	-8.557	0.658	0.118	-52.195	-93.812	-14.766	0.012	-55.282	-96.508	-17.703	0.006	0.056	-0.012	0.284	0.120	HCER(22:0)	Sphingolipids	Hexosylceramide
CR	C-peptide	id_123	-2.365	-7.987	0.773	0.118	-52.917	-92.774	-10.083	0.014	-55.282	-94.376	-13.839	0.010	0.043	-0.018	0.255	0.128	DCER(22:1)	Sphingolipids	Dihydroceramide
CR	C-peptide	id_135	-3.087	-8.557	0.658	0.118	-52.195	-93.812	-14.766	0.012	-55.282	-96.508	-17.703	0.006	0.056	-0.012	0.284	0.120	HCER(22:0)	Sphingolipids	Hexosylceramide
CR	C-peptide	id_755	-1.789	-11.457	1.455	0.122	-53.493	-91.829	-13.429	0.010	-55.282	-95.401	-16.798	0.010	0.032	-0.043	0.284	0.124	TAG53:3-FA18:0	Triacylglycerol	TAG Ester
CR	C-peptide	id_755	-1.789	-11.457	1.455	0.122	-53.493	-91.829	-13.429	0.010	-55.282	-95.401	-16.798	0.010	0.032	-0.043	0.284	0.124	TAG53:3-FA18:0	Triacylglycerol	TAG Ester
CR	C-peptide	id_130	-3.115	-7.929	0.826	0.124	-52.167	-93.270	-15.733	0.002	-55.282	-95.737	-19.912	0.002	0.056	-0.017	0.249	0.126	HCER(16:0)	Sphingolipids	Hexosylceramide
CR	C-peptide	id_130	-3.115	-7.929	0.826	0.124	-52.167	-93.270	-15.733	0.002	-55.282	-95.737	-19.912	0.002	0.056	-0.017	0.249	0.126	HCER(16:0)	Sphingolipids	Hexosylceramide
CR	C-peptide	id_125	-4.106	-13.132	1.792	0.126	-51.176	-88.832	-5.305	0.026	-55.282	-92.121	-12.650	0.010	0.074	-0.051	0.493	0.136	DCER(24:0)	Sphingolipids	Dihydroceramide
CR	C-peptide	id_125	-4.106	-13.132	1.792	0.126	-51.176	-88.832	-5.305	0.026	-55.282	-92.121	-12.650	0.010	0.074	-0.051	0.493	0.136	DCER(24:0)	Sphingolipids	Dihydroceramide

CR	C-peptide	id_422	-7.292	-20.503	3.276	0.132	-47.990	-90.428	-6.916	0.032	-55.282	-95.396	-16.503	0.004	0.132	-0.054	0.647	0.136	PE(P-18:1/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	C-peptide	id_422	-7.292	-20.503	3.276	0.132	-47.990	-90.428	-6.916	0.032	-55.282	-95.396	-16.503	0.004	0.132	-0.054	0.647	0.136	PE(P-18:1/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	C-peptide	id_765	-1.753	-9.162	1.240	0.136	-53.530	-92.289	-15.204	0.008	-55.282	-95.169	-17.417	0.006	0.032	-0.035	0.204	0.142	TAG53:5-FA18:1	Triacylglycerol	TAG Ester
CR	C-peptide	id_765	-1.753	-9.162	1.240	0.136	-53.530	-92.289	-15.204	0.008	-55.282	-95.169	-17.417	0.006	0.032	-0.035	0.204	0.142	TAG53:5-FA18:1	Triacylglycerol	TAG Ester
CR	C-peptide	id_118	-3.380	-8.049	2.393	0.146	-51.903	-94.399	-11.187	0.018	-55.282	-96.780	-16.899	0.008	0.061	-0.058	0.268	0.154	DCER(18:0)	Sphingolipids	Dihydroceramide
CR	C-peptide	id_118	-3.380	-8.049	2.393	0.146	-51.903	-94.399	-11.187	0.018	-55.282	-96.780	-16.899	0.008	0.061	-0.058	0.268	0.154	DCER(18:0)	Sphingolipids	Dihydroceramide
CR	C-peptide	id_060	-3.994	-20.040	3.990	0.148	-51.289	-89.285	-5.644	0.022	-55.282	-95.674	-11.290	0.010	0.072	-0.096	0.578	0.154	DAG(12:0/18:1)	Diacylglycerol	DAG Ester
CR	C-peptide	id_060	-3.994	-20.040	3.990	0.148	-51.289	-89.285	-5.644	0.022	-55.282	-95.674	-11.290	0.010	0.072	-0.096	0.578	0.154	DAG(12:0/18:1)	Diacylglycerol	DAG Ester
CR	C-peptide	id_036	-3.705	-9.717	1.980	0.158	-51.578	-92.715	-11.443	0.006	-55.282	-95.808	-16.455	0.004	0.067	-0.037	0.334	0.158	CE(20:4)	Cholesterol Ester	CE Ester
CR	C-peptide	id_036	-3.705	-9.717	1.980	0.158	-51.578	-92.715	-11.443	0.006	-55.282	-95.808	-16.455	0.004	0.067	-0.037	0.334	0.158	CE(20:4)	Cholesterol Ester	CE Ester
CR	C-peptide	id_051	-3.652	-10.707	1.760	0.160	-51.631	-91.282	-9.649	0.018	-55.282	-94.612	-14.700	0.008	0.066	-0.049	0.346	0.168	CER(20:1)	Sphingolipids	Ceramide
CR	C-peptide	id_425	-4.234	-12.004	1.702	0.160	-51.048	-92.663	-13.575	0.012	-55.282	-96.482	-15.167	0.006	0.077	-0.053	0.348	0.166	PE(P-18:2/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	C-peptide	id_051	-3.652	-10.707	1.760	0.160	-51.631	-91.282	-9.649	0.018	-55.282	-94.612	-14.700	0.008	0.066	-0.049	0.346	0.168	CER(20:1)	Sphingolipids	Ceramide
CR	C-peptide	id_425	-4.234	-12.004	1.702	0.160	-51.048	-92.663	-13.575	0.012	-55.282	-96.482	-15.167	0.006	0.077	-0.053	0.348	0.166	PE(P-18:2/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	C-peptide	id_359	-3.633	-10.554	1.600	0.162	-51.649	-90.251	-12.665	0.004	-55.282	-93.562	-16.164	0.002	0.066	-0.029	0.320	0.164	PE(18:2/16:1)	Phosphatidyl ethanolamine	PE Ester
CR	C-peptide	id_359	-3.633	-10.554	1.600	0.162	-51.649	-90.251	-12.665	0.004	-55.282	-93.562	-16.164	0.002	0.066	-0.029	0.320	0.164	PE(18:2/16:1)	Phosphatidyl ethanolamine	PE Ester
CR	C-peptide	id_366	-3.994	-11.759	1.366	0.168	-51.288	-89.365	-14.616	0.004	-55.282	-93.755	-18.293	0.004	0.072	-0.033	0.288	0.168	PE(O-16:0/18:2)	Phosphatidyl ethanolamine	PE Ether

CR	C-peptide	id_366	-3.994	-11.759	1.366	0.168	-51.288	-89.365	-14.616	0.004	-55.282	-93.755	-18.293	0.004	0.072	-0.033	0.288	0.168	PE(O-16:0/18:2)	Phosphatidyl ethanolamine	PE Ether
CR	C-peptide	id_978	-3.380	-10.956	2.315	0.172	-51.903	-91.700	-9.944	0.016	-55.282	-96.002	-14.457	0.002	0.061	-0.049	0.351	0.174	Total CE	Neutral Complex Lipids SUM	Cholesteryl Esters
CR	C-peptide	id_978	-3.380	-10.956	2.315	0.172	-51.903	-91.700	-9.944	0.016	-55.282	-96.002	-14.457	0.002	0.061	-0.049	0.351	0.174	Total CE	Neutral Complex Lipids SUM	Cholesteryl Esters
CR	C-peptide	id_448	-4.006	-13.509	4.468	0.188	-51.276	-93.524	-6.198	0.020	-55.282	-96.200	-13.654	0.002	0.072	-0.095	0.540	0.190	SM(14:0)	Sphingolipids	Sphingomyelin
CR	C-peptide	id_448	-4.006	-13.509	4.468	0.188	-51.276	-93.524	-6.198	0.020	-55.282	-96.200	-13.654	0.002	0.072	-0.095	0.540	0.190	SM(14:0)	Sphingolipids	Sphingomyelin
CR	C-peptide	id_332	-3.443	-10.018	1.273	0.194	-51.839	-93.876	-12.935	0.008	-55.282	-97.275	-17.004	0.006	0.062	-0.030	0.291	0.200	PE(18:0/18:0)	Phosphatidyl ethanolamine	PE Ester
CR	C-peptide	id_332	-3.443	-10.018	1.273	0.194	-51.839	-93.876	-12.935	0.008	-55.282	-97.275	-17.004	0.006	0.062	-0.030	0.291	0.200	PE(18:0/18:0)	Phosphatidyl ethanolamine	PE Ester
CR	C-peptide	id_154	-2.519	-9.825	2.928	0.198	-52.764	-92.941	-13.289	0.012	-55.282	-94.858	-17.448	0.002	0.046	-0.060	0.307	0.200	LPC(15:0)	Lysophosphatidylcholine	LPC Ester
CR	C-peptide	id_154	-2.519	-9.825	2.928	0.198	-52.764	-92.941	-13.289	0.012	-55.282	-94.858	-17.448	0.002	0.046	-0.060	0.307	0.200	LPC(15:0)	Lysophosphatidylcholine	LPC Ester
CR	C-peptide	id_241	-2.837	-8.086	2.008	0.208	-52.445	-91.068	-13.243	0.012	-55.282	-93.669	-16.490	0.006	0.051	-0.045	0.248	0.214	PC(16:0/18:2)	Phosphatidylcholine	PC Ester
CR	C-peptide	id_241	-2.837	-8.086	2.008	0.208	-52.445	-91.068	-13.243	0.012	-55.282	-93.669	-16.490	0.006	0.051	-0.045	0.248	0.214	PC(16:0/18:2)	Phosphatidylcholine	PC Ester
CR	C-peptide	id_132	-3.097	-9.110	2.756	0.220	-52.186	-94.042	-9.166	0.010	-55.282	-96.441	-14.137	0.004	0.056	-0.059	0.359	0.220	HCER(18:1)	Sphingolipids	Hexosylceramide
CR	C-peptide	id_132	-3.097	-9.110	2.756	0.220	-52.186	-94.042	-9.166	0.010	-55.282	-96.441	-14.137	0.004	0.056	-0.059	0.359	0.220	HCER(18:1)	Sphingolipids	Hexosylceramide
CR	C-peptide	id_424	-3.410	-10.058	1.537	0.222	-51.872	-94.078	-12.914	0.010	-55.282	-96.971	-16.474	0.006	0.062	-0.029	0.271	0.224	PE(P-18:2/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	C-peptide	id_424	-3.410	-10.058	1.537	0.222	-51.872	-94.078	-12.914	0.010	-55.282	-96.971	-16.474	0.006	0.062	-0.029	0.271	0.224	PE(P-18:2/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	C-peptide	id_042	-2.562	-7.828	1.544	0.224	-52.721	-94.564	-11.350	0.008	-55.282	-96.488	-14.238	0.006	0.046	-0.036	0.240	0.230	Cholesterol CE(22:5)	Ester	CE Ester

CR	C-peptide	id_042	-2.562	-7.828	1.544	0.224	-52.721	-94.564	-11.350	0.008	-55.282	-96.488	-14.238	0.006	0.046	-0.036	0.240	0.230	Cholesterol CE(22:5)	Ester	CE Ester
CR	C-peptide	id_451	-3.851	-11.378	3.921	0.228	-51.432	-91.098	-11.672	0.014	-55.282	-95.267	-17.247	0.004	0.070	-0.076	0.387	0.232	SM(18:1)	Sphingolipid s	Sphingomyel in
CR	C-peptide	id_451	-3.851	-11.378	3.921	0.228	-51.432	-91.098	-11.672	0.014	-55.282	-95.267	-17.247	0.004	0.070	-0.076	0.387	0.232	SM(18:1)	Sphingolipid s	Sphingomyel in
CR	C-peptide	id_046	-4.004	-12.956	7.212	0.230	-51.279	-91.264	-11.919	0.006	-55.282	-94.833	-16.454	0.000	0.072	-0.158	0.394	0.230	CER(14:0)	Sphingolipid s	Ceramide
CR	C-peptide	id_046	-4.004	-12.956	7.212	0.230	-51.279	-91.264	-11.919	0.006	-55.282	-94.833	-16.454	0.000	0.072	-0.158	0.394	0.230	CER(14:0)	Sphingolipid s	Ceramide
CR	C-peptide	id_864	-1.854	-8.361	2.527	0.232	-53.428	-93.286	-12.682	0.010	-55.282	-96.039	-15.910	0.004	0.034	-0.054	0.208	0.232	TAG55:8- FA20:4	Triacylglycer ol	TAG Ester
CR	C-peptide	id_864	-1.854	-8.361	2.527	0.232	-53.428	-93.286	-12.682	0.010	-55.282	-96.039	-15.910	0.004	0.034	-0.054	0.208	0.232	TAG55:8- FA20:4	Triacylglycer ol	TAG Ester
CR	C-peptide	id_378	-4.003	-10.397	3.263	0.236	-51.279	-91.272	-9.930	0.014	-55.282	-92.460	-15.227	0.008	0.072	-0.070	0.311	0.244	PE(O- 18:0/20:	Phosphatidyl ethanolamin e	PE Ether
CR	C-peptide	id_378	-4.003	-10.397	3.263	0.236	-51.279	-91.272	-9.930	0.014	-55.282	-92.460	-15.227	0.008	0.072	-0.070	0.311	0.244	PE(O- 18:0/20:	Phosphatidyl ethanolamin e	PE Ether
CR	C-peptide	id_116	-3.705	-10.323	2.708	0.248	-51.578	-90.043	-14.285	0.002	-55.282	-93.760	-18.740	0.004	0.067	-0.051	0.318	0.248	DCER(14 :0)	Sphingolipid s	Dihydrocera mide
CR	C-peptide	id_116	-3.705	-10.323	2.708	0.248	-51.578	-90.043	-14.285	0.002	-55.282	-93.760	-18.740	0.004	0.067	-0.051	0.318	0.248	DCER(14 :0)	Sphingolipid s	Dihydrocera mide
CR	C-peptide	id_204	-1.784	-5.347	1.405	0.250	-53.498	-95.460	-14.296	0.004	-55.282	-96.936	-16.502	0.004	0.032	-0.025	0.152	0.254	0)	MAG	Ester
CR	C-peptide	id_204	-1.784	-5.347	1.405	0.250	-53.498	-95.460	-14.296	0.004	-55.282	-96.936	-16.502	0.004	0.032	-0.025	0.152	0.254	0)	MAG	Ester
CR	C-peptide	id_195	-3.372	-10.841	3.903	0.252	-51.910	-92.923	-10.775	0.012	-55.282	-96.942	-13.925	0.004	0.061	-0.105	0.304	0.256	2)	MAG	Ester
CR	C-peptide	id_200	-2.417	-7.714	1.673	0.252	-52.865	-93.678	-11.263	0.012	-55.282	-96.131	-13.547	0.010	0.044	-0.041	0.233	0.258	2)	MAG	Ester
CR	C-peptide	id_195	-3.372	-10.841	3.903	0.252	-51.910	-92.923	-10.775	0.012	-55.282	-96.942	-13.925	0.004	0.061	-0.105	0.304	0.256	2)	MAG	Ester
CR	C-peptide	id_200	-2.417	-7.714	1.673	0.252	-52.865	-93.678	-11.263	0.012	-55.282	-96.131	-13.547	0.010	0.044	-0.041	0.233	0.258	2)	MAG	Ester
CR	C-peptide	id_157	-1.688	-5.772	1.286	0.262	-53.594	-95.514	-8.905	0.016	-55.282	-96.136	-11.920	0.014	0.031	-0.034	0.157	0.268	LPC(17:0)	Lysophospha tidylcholine	LPC Ester
CR	C-peptide	id_157	-1.688	-5.772	1.286	0.262	-53.594	-95.514	-8.905	0.016	-55.282	-96.136	-11.920	0.014	0.031	-0.034	0.157	0.268	LPC(17:0)	Lysophospha tidylcholine	LPC Ester
CR	C-peptide	id_121	-1.984	-5.845	1.948	0.264	-53.299	-94.208	-13.962	0.004	-55.282	-95.772	-15.918	0.004	0.036	-0.046	0.198	0.268	DCER(20 :1)	Sphingolipid s	Dihydrocera mide

CR	C-peptide	id_121	-1.984	-5.845	1.948	0.264	-53.299	-94.208	-13.962	0.004	-55.282	-95.772	-15.918	0.004	0.036	-0.046	0.198	0.268	DCER(20 :1)	Sphingolipid s	Dihydrocераmide
CR	C-peptide	id_133	-2.221	-5.998	1.752	0.266	-53.061	-88.352	-12.171	0.016	-55.282	-90.334	-13.269	0.008	0.040	-0.044	0.207	0.274	HCER(20 :0)	Sphingolipid s	Hexosylcераmide
CR	C-peptide	id_133	-2.221	-5.998	1.752	0.266	-53.061	-88.352	-12.171	0.016	-55.282	-90.334	-13.269	0.008	0.040	-0.044	0.207	0.274	HCER(20 :0)	Sphingolipid s	Hexosylcераmide
CR	C-peptide	id_136	-3.016	-9.226	2.837	0.268	-52.267	-90.806	-9.579	0.010	-55.282	-93.847	-12.962	0.004	0.055	-0.070	0.298	0.272	HCER(22 :1)	Sphingolipid s	Hexosylcераmide
CR	C-peptide	id_136	-3.016	-9.226	2.837	0.268	-52.267	-90.806	-9.579	0.010	-55.282	-93.847	-12.962	0.004	0.055	-0.070	0.298	0.272	HCER(22 :1)	Sphingolipid s	Hexosylcераmide
CR	C-peptide	id_196	-2.530	-8.052	1.977	0.270	-52.752	-93.969	-11.149	0.016	-55.282	-96.576	-15.956	0.016	0.046	-0.052	0.255	0.282	3)	MAG	Ester
CR	C-peptide	id_196	-2.530	-8.052	1.977	0.270	-52.752	-93.969	-11.149	0.016	-55.282	-96.576	-15.956	0.016	0.046	-0.052	0.255	0.282	3)	MAG	Ester
CR	C-peptide	id_368	-3.500	-11.712	1.578	0.272	-51.783	-95.053	-10.159	0.014	-55.282	-97.212	-12.754	0.010	0.063	-0.035	0.294	0.278	PE(O-16:0/20:4)	Phosphatidyl ethanolamine	PE Ether
CR	C-peptide	id_368	-3.500	-11.712	1.578	0.272	-51.783	-95.053	-10.159	0.014	-55.282	-97.212	-12.754	0.010	0.063	-0.035	0.294	0.278	PE(O-16:0/20:4)	Phosphatidyl ethanolamine	PE Ether
AL	C-peptide	id_023	-3.441	-16.536	5.892	0.528	29.088	-33.488	89.401	0.328	25.647	-36.207	87.790	0.378	-0.134	-1.652	2.501	0.754	CE(15:0)	Cholesterol Ester	CE Ester
AL	C-peptide	id_024	-0.962	-11.073	8.629	0.856	26.609	-34.079	91.706	0.394	25.647	-34.418	88.174	0.414	-0.038	-1.372	1.108	0.942	CE(16:0)	Cholesterol Ester	CE Ester
AL	C-peptide	id_026	-2.319	-12.636	7.929	0.684	27.966	-33.321	91.406	0.360	25.647	-33.265	89.402	0.370	-0.090	-1.213	1.222	0.774	CE(17:0)	Cholesterol Ester	CE Ester
AL	C-peptide	id_027	-1.959	-14.173	6.264	0.710	27.606	-35.350	95.811	0.380	25.647	-34.202	90.917	0.398	-0.076	-1.251	0.830	0.772	CE(18:0)	Cholesterol Ester	CE Ester
AL	C-peptide	id_028	-1.016	-9.740	8.365	0.854	26.663	-34.389	82.907	0.378	25.647	-34.348	80.881	0.380	-0.040	-0.794	0.688	0.834	CE(18:1)	Cholesterol Ester	CE Ester
AL	C-peptide	id_029	-2.220	-14.144	9.783	0.734	27.867	-32.099	86.304	0.394	25.647	-35.449	86.718	0.416	-0.087	-1.315	1.631	0.846	CE(18:2)	Cholesterol Ester	CE Ester
AL	C-peptide	id_033	8.219	-1.539	22.127	0.076	17.428	-40.083	78.305	0.588	25.647	-32.568	83.904	0.402	0.320	-3.323	2.726	0.446	CE(20:1)	Cholesterol Ester	CE Ester
AL	C-peptide	id_034	-2.969	-18.996	9.964	0.666	28.616	-38.922	87.521	0.388	25.647	-40.801	82.709	0.420	-0.116	-1.630	2.172	0.858	CE(20:2)	Cholesterol Ester	CE Ester
AL	C-peptide	id_035	-1.742	-20.598	15.919	0.780	27.389	-34.304	87.376	0.348	25.647	-37.255	84.419	0.398	-0.068	-2.064	1.856	0.970	CE(20:3)	Cholesterol Ester	CE Ester
AL	C-peptide	id_036	1.184	-9.377	15.650	0.844	24.463	-28.258	83.194	0.390	25.647	-27.920	85.734	0.366	0.046	-1.352	1.661	0.802	CE(20:4)	Cholesterol Ester	CE Ester
AL	C-peptide	id_041	-0.041	-6.376	5.800	0.952	25.688	-38.529	89.585	0.400	25.647	-36.739	88.045	0.394	-0.002	-0.898	0.675	0.906	CE(22:4)	Cholesterol Ester	CE Ester

AL	C-peptide	id_042	0.310	-7.482	7.104	0.986	25.337	-30.081	84.364	0.412	25.647	-30.591	87.413	0.412	0.012	-0.838	0.600	0.954	CE(22:5)	Cholesterol Ester	CE Ester
AL	C-peptide	id_043	-1.232	-10.820	7.458	0.812	26.879	-36.543	89.124	0.378	25.647	-35.514	86.877	0.400	-0.048	-1.124	1.212	0.916	CE(22:6)	Cholesterol Ester	CE Ester
AL	C-peptide	id_044	5.615	-8.612	16.251	0.354	20.032	-35.666	78.315	0.500	25.647	-30.670	83.308	0.386	0.219	-2.353	1.983	0.544	CE(24:0)	Cholesterol Ester	CE Ester
AL	C-peptide	id_045	13.490	-2.042	30.260	0.066	12.157	-47.575	72.070	0.698	25.647	-37.331	86.579	0.396	0.526	-3.267	3.503	0.394	CE(24:1)	Cholesterol Ester	CE Ester
AL	C-peptide	id_046	-0.746	-9.708	8.112	0.858	26.393	-34.946	86.454	0.410	25.647	-34.249	86.640	0.406	-0.029	-0.988	1.032	0.940	CER(14:0)	Sphingolipids	Ceramide
AL	C-peptide	id_047	0.203	-5.221	10.860	0.882	25.444	-37.279	81.822	0.386	25.647	-33.144	82.154	0.372	0.008	-0.474	0.674	0.890	CER(16:0)	Sphingolipids	Ceramide
AL	C-peptide	id_048	2.168	-12.207	19.360	0.760	23.479	-37.144	78.785	0.484	25.647	-34.016	84.342	0.434	0.085	-1.788	1.996	0.786	CER(18:0)	Sphingolipids	Ceramide
AL	C-peptide	id_049	-0.742	-8.897	7.266	0.876	26.389	-34.353	84.977	0.392	25.647	-33.675	83.088	0.388	-0.029	-0.806	1.066	0.904	CER(18:1)	Sphingolipids	Ceramide
AL	C-peptide	id_050	2.088	-10.304	19.045	0.698	23.559	-35.191	82.871	0.430	25.647	-32.993	87.775	0.376	0.081	-1.326	2.216	0.766	CER(20:0)	Sphingolipids	Ceramide
AL	C-peptide	id_051	-4.050	-17.252	8.043	0.486	29.697	-31.622	89.890	0.356	25.647	-35.830	85.783	0.424	-0.158	-2.643	1.923	0.770	CER(20:1)	Sphingolipids	Ceramide
AL	C-peptide	id_052	1.655	-17.082	24.495	0.878	23.993	-37.201	79.753	0.444	25.647	-39.299	85.733	0.412	0.065	-2.262	3.362	0.770	CER(22:0)	Sphingolipids	Ceramide
AL	C-peptide	id_053	-4.746	-18.618	13.587	0.616	30.393	-27.588	88.955	0.302	25.647	-29.991	83.097	0.364	-0.185	-2.253	2.196	0.816	CER(22:1)	Sphingolipids	Ceramide
AL	C-peptide	id_054	-1.397	-13.851	17.020	0.848	27.045	-30.327	85.698	0.376	25.647	-32.066	82.993	0.394	-0.054	-2.890	1.379	0.934	CER(24:0)	Sphingolipids	Ceramide
AL	C-peptide	id_055	0.940	-9.439	17.813	0.856	24.707	-36.629	85.606	0.466	25.647	-35.779	87.088	0.424	0.037	-1.385	1.381	0.856	CER(24:1)	Sphingolipids	Ceramide
AL	C-peptide	id_057	-2.329	-13.977	6.740	0.676	27.976	-32.508	84.433	0.376	25.647	-34.727	83.172	0.406	-0.091	-1.572	1.368	0.866	CER(26:1)	Sphingolipids	Ceramide
AL	C-peptide	id_116	0.144	-15.064	3.967	0.644	25.503	-31.554	84.504	0.338	25.647	-33.694	84.063	0.372	0.006	-2.099	0.761	0.776	DCER(14:0)	Sphingolipids	Dihydroceramide
AL	C-peptide	id_117	1.093	-6.733	14.099	0.756	24.554	-36.922	79.132	0.426	25.647	-33.360	83.444	0.390	0.043	-1.516	1.338	0.858	DCER(16:0)	Sphingolipids	Dihydroceramide
AL	C-peptide	id_118	-1.527	-13.886	13.824	0.836	27.174	-29.989	82.954	0.380	25.647	-30.684	82.992	0.382	-0.060	-1.424	2.043	0.938	DCER(18:0)	Sphingolipids	Dihydroceramide
AL	C-peptide	id_119	3.790	-12.539	29.531	0.716	21.857	-32.893	77.052	0.482	25.647	-30.455	84.731	0.382	0.148	-1.839	2.894	0.694	DCER(18:1)	Sphingolipids	Dihydroceramide
AL	C-peptide	id_120	-1.169	-15.145	16.603	0.876	26.816	-34.241	84.998	0.412	25.647	-33.658	86.019	0.412	-0.046	-1.858	2.209	0.988	DCER(20:0)	Sphingolipids	Dihydroceramide

AL	C-peptide	id_121	-0.571	-17.237	15.025	0.958	26.218	-28.959	85.505	0.378	25.647	-30.884	86.217	0.386	-0.022	-2.151	1.721	0.924	DCER(20	Sphingolipid	Dihydrocera
AL	C-peptide	id_122	-2.048	-21.420	20.111	0.860	27.695	-31.316	85.921	0.374	25.647	-34.328	88.283	0.406	-0.080	-2.786	3.152	0.926	DCER(22	Sphingolipid	Dihydrocera
AL	C-peptide	id_123	0.684	-12.966	12.578	0.950	24.963	-34.020	82.489	0.392	25.647	-35.720	82.203	0.406	0.027	-1.269	1.289	0.868	DCER(22	Sphingolipid	Dihydrocera
AL	C-peptide	id_124	-2.147	-12.027	13.055	0.776	27.794	-35.106	84.172	0.406	25.647	-37.244	84.062	0.402	-0.084	-1.194	1.126	0.902	DCER(22	Sphingolipid	Dihydrocera
AL	C-peptide	id_125	-2.149	-18.318	15.922	0.776	27.796	-37.140	86.434	0.334	25.647	-36.833	86.916	0.396	-0.084	-2.742	2.274	0.960	DCER(24	Sphingolipid	Dihydrocera
AL	C-peptide	id_126	-3.271	-20.145	11.657	0.664	28.918	-28.495	84.176	0.322	25.647	-32.033	84.402	0.412	-0.128	-2.670	2.434	0.888	DCER(24	Sphingolipid	Dihydrocera
AL	C-peptide	id_128	-0.998	-9.751	4.328	0.732	26.646	-40.620	85.348	0.334	25.647	-41.859	84.104	0.350	-0.039	-0.843	0.610	0.822	DCER(26	Sphingolipid	Dihydrocera
AL	C-peptide	id_129	3.030	-8.678	19.297	0.550	22.617	-34.225	84.675	0.428	25.647	-26.320	88.027	0.348	0.118	-1.612	2.203	0.658	HCER(14	Sphingolipid	Hexosylcera
AL	C-peptide	id_130	1.077	-8.639	11.458	0.816	24.570	-35.853	83.220	0.470	25.647	-35.731	84.872	0.430	0.042	-0.996	1.486	0.822	HCER(16	Sphingolipid	Hexosylcera
AL	C-peptide	id_131	2.962	-5.245	15.386	0.518	22.685	-35.931	82.559	0.456	25.647	-33.120	85.017	0.398	0.115	-1.443	1.636	0.628	HCER(18	Sphingolipid	Hexosylcera
AL	C-peptide	id_132	-0.255	-9.285	5.508	0.918	25.902	-28.748	91.741	0.394	25.647	-29.647	89.924	0.390	-0.010	-0.748	1.034	0.988	HCER(18	Sphingolipid	Hexosylcera
AL	C-peptide	id_133	5.634	-6.773	21.000	0.386	20.014	-39.010	78.192	0.468	25.647	-33.839	84.299	0.392	0.220	-1.550	2.026	0.550	HCER(20	Sphingolipid	Hexosylcera
AL	C-peptide	id_134	0.259	-4.750	8.207	0.880	25.388	-31.813	89.142	0.384	25.647	-31.548	89.623	0.370	0.010	-0.838	0.489	0.978	HCER(20	Sphingolipid	Hexosylcera
AL	C-peptide	id_135	2.462	-5.689	12.525	0.552	23.185	-38.470	81.182	0.486	25.647	-33.475	80.797	0.428	0.096	-1.304	1.433	0.740	HCER(22	Sphingolipid	Hexosylcera
AL	C-peptide	id_136	2.460	-5.243	13.381	0.516	23.187	-34.963	83.156	0.486	25.647	-31.701	84.906	0.434	0.096	-1.187	1.874	0.650	HCER(22	Sphingolipid	Hexosylcera
AL	C-peptide	id_137	4.867	-4.493	19.057	0.366	20.781	-37.164	81.003	0.472	25.647	-31.140	85.886	0.374	0.190	-2.035	1.986	0.572	HCER(24	Sphingolipid	Hexosylcera
AL	C-peptide	id_138	3.383	-8.397	17.124	0.568	22.264	-35.842	77.830	0.428	25.647	-32.302	83.232	0.380	0.132	-1.627	1.190	0.680	HCER(24	Sphingolipid	Hexosylcera
AL	C-peptide	id_139	0.464	-7.013	7.777	0.928	25.183	-37.765	89.521	0.378	25.647	-37.547	89.672	0.370	0.018	-0.803	0.903	0.950	HCER(26	Sphingolipid	Hexosylcera
AL	C-peptide	id_141	0.752	-10.657	8.814	0.954	24.895	-31.919	86.650	0.368	25.647	-32.471	86.022	0.386	0.029	-0.936	1.040	0.928	LCER(14:	Sphingolipid	Lactosylcera
AL	C-peptide	id_142	-0.578	-15.464	14.441	0.952	26.225	-28.382	84.876	0.338	25.647	-29.412	88.442	0.332	-0.023	-1.880	1.641	0.980	LCER(16:	Sphingolipid	Lactosylcera

AL	C-peptide	id_144	-1.229	-15.965	8.523	0.788	26.876	-34.814	83.585	0.370	25.647	-34.714	81.587	0.380	-0.048	-2.407	1.523	0.872	LCER(18: Sphingolipid s	Lactosylceramide
AL	C-peptide	id_145	0.229	-9.710	12.078	0.960	25.418	-32.934	85.727	0.380	25.647	-34.184	85.249	0.390	0.009	-0.955	1.393	0.914	LCER(20: Sphingolipid s	Lactosylceramide
AL	C-peptide	id_146	-0.956	-12.543	10.215	0.858	26.603	-35.019	85.480	0.354	25.647	-34.469	86.017	0.382	-0.037	-1.017	1.467	0.960	LCER(20: Sphingolipid s	Lactosylceramide
AL	C-peptide	id_147	4.113	-10.675	21.839	0.562	21.534	-33.736	82.666	0.434	25.647	-33.519	86.789	0.380	0.160	-3.010	1.813	0.670	LCER(22: Sphingolipid s	Lactosylceramide
AL	C-peptide	id_148	0.532	-6.844	10.784	0.876	25.115	-34.147	87.034	0.416	25.647	-33.230	85.271	0.406	0.021	-0.668	1.194	0.886	LCER(22: Sphingolipid s	Lactosylceramide
AL	C-peptide	id_149	7.480	-10.058	30.646	0.424	18.167	-39.570	72.518	0.562	25.647	-36.014	78.536	0.414	0.292	-3.351	3.277	0.550	LCER(24: Sphingolipid s	Lactosylceramide
AL	C-peptide	id_152	3.683	-7.672	18.278	0.586	21.964	-31.814	83.324	0.476	25.647	-29.380	87.555	0.416	0.144	-1.753	2.701	0.714	LCER(26: Sphingolipid s	Lactosylceramide
AL	C-peptide	id_154	1.434	-5.791	16.373	0.658	24.213	-42.516	83.483	0.490	25.647	-37.312	83.845	0.446	0.056	-1.682	1.675	0.772	LPC(15:0 Lysophosphatidylcholine	LPC Ester
AL	C-peptide	id_157	2.798	-15.449	20.552	0.776	22.849	-31.707	80.954	0.448	25.647	-33.393	83.499	0.416	0.109	-1.816	2.642	0.784	LPC(17:0 Lysophosphatidylcholine	LPC Ester
AL	C-peptide	id_170	3.722	-9.853	28.353	0.590	21.925	-38.176	75.384	0.478	25.647	-31.170	83.059	0.402	0.145	-2.270	2.924	0.684	LPC(22:6 Lysophosphatidylcholine	LPC Ester
AL	C-peptide	id_181	-0.835	-9.645	6.946	0.822	26.482	-37.873	87.142	0.386	25.647	-37.880	85.932	0.396	-0.033	-0.946	0.940	0.890	LPE(20:4 Lysophosphatidylethanolamine	LPE Ester
AL	C-peptide	id_186	-0.211	-5.974	7.604	0.950	25.859	-41.102	81.994	0.404	25.647	-39.488	81.680	0.394	-0.008	-0.783	0.745	0.956	0)	MAG Ester
AL	C-peptide	id_188	2.507	-10.472	14.613	0.712	23.140	-33.773	83.862	0.454	25.647	-32.695	83.673	0.410	0.098	-1.074	2.064	0.774	1)	MAG Ester
AL	C-peptide	id_189	-0.233	-6.381	7.111	0.966	25.880	-37.083	84.943	0.422	25.647	-35.269	84.409	0.418	-0.009	-0.845	0.924	0.972	0)	MAG Ester
AL	C-peptide	id_195	0.072	-7.976	7.234	0.928	25.575	-34.263	81.992	0.396	25.647	-32.895	81.839	0.418	0.003	-0.922	0.674	0.994	2)	MAG Ester
AL	C-peptide	id_203	1.776	-4.343	12.765	0.616	23.871	-35.410	84.946	0.400	25.647	-33.302	86.793	0.366	0.069	-0.998	1.155	0.718	5)	MAG Ester
AL	C-peptide	id_204	-0.191	-9.786	7.002	0.886	25.838	-31.524	85.055	0.376	25.647	-34.669	84.057	0.376	-0.007	-1.062	0.786	0.954	0)	MAG Ester
AL	C-peptide	id_205	-0.949	-10.116	9.399	0.862	26.596	-30.637	85.999	0.404	25.647	-31.790	84.740	0.394	-0.037	-1.119	1.121	0.952	1)	MAG Ester
AL	C-peptide	id_208	-0.487	-8.113	4.837	0.776	26.134	-37.994	87.711	0.392	25.647	-37.927	86.513	0.406	-0.019	-1.123	0.919	0.818	5)	MAG Ester
AL	C-peptide	id_209	0.565	-8.717	7.683	0.976	25.082	-29.135	85.104	0.348	25.647	-30.234	84.395	0.352	0.022	-0.618	1.043	0.884	6)	MAG Ester
AL	C-peptide	id_228	-1.083	-10.126	7.230	0.858	26.730	-34.617	89.372	0.364	25.647	-33.880	87.150	0.386	-0.042	-0.945	1.222	0.932	PC(15:0/18:2) Phosphatidylcholine	PC Ester

AL	C-peptide	id_230	-2.770	-13.211	5.740	0.554	28.417	-29.162	81.714	0.362	25.647	-31.664	80.432	0.418	-0.108	-1.294	1.303	0.776	PC(15:0/20:4)	Phosphatidyl choline	PC Ester
AL	C-peptide	id_241	-1.259	-12.982	8.426	0.764	26.906	-26.086	89.575	0.358	25.647	-28.495	88.276	0.360	-0.049	-1.207	1.472	0.840	PC(16:0/18:2)	Phosphatidyl choline	PC Ester
AL	C-peptide	id_254	0.074	-6.240	8.170	0.894	25.573	-41.160	79.180	0.436	25.647	-39.898	80.960	0.426	0.003	-0.632	0.967	0.932	PC(17:0/18:2)	Phosphatidyl choline	PC Ester
AL	C-peptide	id_257	0.437	-6.362	7.447	0.934	25.210	-34.753	85.838	0.384	25.647	-34.234	84.920	0.374	0.017	-0.590	0.670	0.996	PC(17:0/20:4)	Phosphatidyl choline	PC Ester
AL	C-peptide	id_272	1.181	-6.860	12.753	0.742	24.466	-39.721	82.824	0.478	25.647	-35.352	85.745	0.448	0.046	-0.832	1.219	0.842	PC(18:0/20:4)	Phosphatidyl choline	PC Ester
AL	C-peptide	id_279	-0.002	-6.656	6.530	0.972	25.649	-36.750	87.531	0.406	25.647	-34.453	88.875	0.398	0.000	-0.867	0.647	0.986	PC(18:1/18:2)	Phosphatidyl choline	PC Ester
AL	C-peptide	id_283	-8.093	-29.081	2.740	0.182	33.740	-28.082	92.799	0.326	25.647	-36.734	84.617	0.460	-0.316	-3.459	3.596	0.574	PC(18:1/20:3)	Phosphatidyl choline	PC Ester
AL	C-peptide	id_284	-0.309	-7.277	6.041	0.918	25.956	-35.125	87.477	0.384	25.647	-35.785	85.785	0.398	-0.012	-0.698	0.961	0.940	PC(18:1/20:4)	Phosphatidyl choline	PC Ester
AL	C-peptide	id_289	-2.638	-12.101	4.226	0.534	28.285	-34.673	94.179	0.378	25.647	-36.659	92.000	0.420	-0.103	-1.532	1.078	0.702	PC(18:2/16:1)	Phosphatidyl choline	PC Ester
AL	C-peptide	id_354	-3.782	-13.084	6.722	0.486	29.429	-30.584	83.264	0.378	25.647	-35.547	81.092	0.428	-0.147	-1.650	1.535	0.770	PE(18:1/22:0)	Phosphatidyl ethanolamine	PE Ester
AL	C-peptide	id_386	-0.640	-7.763	9.985	0.990	26.287	-31.223	85.845	0.432	25.647	-32.823	83.998	0.420	-0.025	-0.877	0.701	0.970	PE(P-16:0/18:1)	Phosphatidyl ethanolamine	Plasmalogen
AL	C-peptide	id_398	2.234	-9.551	17.435	0.688	23.413	-37.812	84.656	0.418	25.647	-34.992	90.500	0.386	0.087	-1.266	1.620	0.718	PE(P-18:0/16:0)	Phosphatidyl ethanolamine	Plasmalogen
AL	C-peptide	id_405	1.296	-7.567	14.897	0.754	24.351	-36.543	80.526	0.428	25.647	-35.326	83.633	0.402	0.051	-1.240	1.255	0.848	PE(P-18:0/20:3)	Phosphatidyl ethanolamine	Plasmalogen
AL	C-peptide	id_414	-1.085	-10.721	10.787	0.842	26.732	-29.961	82.856	0.324	25.647	-31.619	81.760	0.344	-0.042	-1.012	1.276	0.950	PE(P-18:1/18:1)	Phosphatidyl ethanolamine	Plasmalogen
AL	C-peptide	id_448	3.558	-10.501	22.116	0.640	22.089	-36.853	84.725	0.494	25.647	-33.773	86.121	0.400	0.139	-2.274	2.464	0.732	SM(14:0)	Sphingolipids	Sphingomyelin
AL	C-peptide	id_449	-0.790	-8.647	6.614	0.836	26.437	-36.576	83.656	0.414	25.647	-37.666	83.097	0.426	-0.031	-1.073	0.726	0.886	SM(16:0)	Sphingolipids	Sphingomyelin
AL	C-peptide	id_450	0.484	-4.386	8.391	0.802	25.163	-35.258	87.805	0.416	25.647	-35.256	87.803	0.400	0.019	-0.608	0.656	0.894	SM(18:0)	Sphingolipids	Sphingomyelin
AL	C-peptide	id_451	1.074	-5.566	9.973	0.794	24.573	-35.264	87.461	0.420	25.647	-34.930	88.898	0.404	0.042	-0.773	0.782	0.838	SM(18:1)	Sphingolipids	Sphingomyelin

AL	C-peptide	id_452	0.357	-16.138	15.629	0.930	25.290	-34.509	82.271	0.384	25.647	-34.057	81.560	0.364	0.014	-1.914	2.280	0.826	SM(20:0)	Sphingolipid s	Sphingomyelin
AL	C-peptide	id_453	0.262	-8.403	9.759	0.964	25.385	-33.862	81.885	0.394	25.647	-36.326	81.811	0.392	0.010	-0.816	0.995	0.920	SM(20:1)	Sphingolipid s	Sphingomyelin
AL	C-peptide	id_454	1.748	-13.084	19.925	0.784	23.899	-36.266	81.858	0.480	25.647	-33.839	87.328	0.436	0.068	-2.109	2.662	0.772	SM(22:0)	Sphingolipid s	Sphingomyelin
AL	C-peptide	id_455	1.656	-8.871	14.282	0.746	23.992	-35.616	84.178	0.418	25.647	-33.417	85.548	0.370	0.065	-1.235	1.618	0.788	SM(22:1)	Sphingolipid s	Sphingomyelin
AL	C-peptide	id_456	-1.621	-10.055	7.984	0.802	27.268	-32.665	85.473	0.372	25.647	-32.910	85.373	0.378	-0.063	-0.990	0.884	0.844	SM(24:0)	Sphingolipid s	Sphingomyelin
AL	C-peptide	id_457	0.186	-4.771	6.584	0.874	25.461	-36.227	82.186	0.434	25.647	-34.787	81.400	0.418	0.007	-0.726	0.683	0.972	SM(24:1)	Sphingolipid s	Sphingomyelin
AL	C-peptide	id_458	0.125	-5.417	7.655	0.894	25.522	-37.104	85.356	0.424	25.647	-36.656	83.639	0.414	0.005	-0.754	0.690	0.996	SM(26:0)	Sphingolipid s	Sphingomyelin
AL	C-peptide	id_459	1.153	-9.544	10.528	0.794	24.495	-35.580	85.153	0.390	25.647	-34.654	86.929	0.378	0.045	-1.025	1.078	0.816	SM(26:1)	Sphingolipid s	Sphingomyelin
AL	C-peptide	id_660	-1.796	-19.589	24.175	0.872	27.443	-30.526	79.623	0.386	25.647	-32.176	82.099	0.430	-0.070	-4.765	2.419	0.946	TAG51:3- FA16:0	Triacylglycerol	
AL	C-peptide	id_663	-2.769	-16.365	15.712	0.726	28.416	-24.620	86.178	0.338	25.647	-25.544	84.686	0.372	-0.108	-1.804	2.348	0.910	TAG51:3- FA18:1	Triacylglycerol	TAG Ester
AL	C-peptide	id_667	0.483	-17.129	24.965	0.970	25.164	-30.353	80.795	0.400	25.647	-31.823	84.934	0.414	0.019	-2.585	2.632	0.816	TAG51:4- FA16:0	Triacylglycerol	TAG Ester
AL	C-peptide	id_755	5.854	-5.095	24.161	0.330	19.793	-43.892	77.830	0.558	25.647	-34.923	82.675	0.420	0.228	-2.409	2.359	0.630	TAG53:3- FA18:0	Triacylglycerol	TAG Ester
AL	C-peptide	id_760	2.262	-10.893	17.797	0.662	23.385	-36.940	83.123	0.424	25.647	-35.074	88.287	0.406	0.088	-1.368	1.619	0.720	TAG53:4- FA18:0	Triacylglycerol	TAG Ester
AL	C-peptide	id_761	-1.234	-12.283	13.014	0.868	26.881	-37.091	88.009	0.462	25.647	-35.680	86.014	0.456	-0.048	-2.600	1.700	0.976	TAG53:4- FA18:1	Triacylglycerol	TAG Ester
AL	C-peptide	id_765	2.704	-8.834	16.935	0.672	22.943	-34.508	79.798	0.464	25.647	-33.166	82.851	0.426	0.105	-1.890	1.293	0.790	TAG53:5- FA18:1	Triacylglycerol	TAG Ester
AL	C-peptide	id_766	-0.233	-10.403	14.879	0.990	25.880	-30.848	84.584	0.430	25.647	-31.852	86.307	0.408	-0.009	-1.421	1.360	0.906	TAG53:5- FA18:2	Triacylglycerol	TAG Ester
AL	C-peptide	id_769	3.677	-5.183	17.957	0.424	21.970	-37.789	78.560	0.490	25.647	-34.790	83.510	0.418	0.143	-1.663	1.593	0.622	TAG53:6- FA18:1	Triacylglycerol	TAG Ester
AL	C-peptide	id_770	-1.436	-15.909	15.265	0.842	27.083	-31.631	85.030	0.372	25.647	-32.032	83.295	0.410	-0.056	-1.295	1.911	1.000	TAG53:6- FA18:2	Triacylglycerol	TAG Ester
AL	C-peptide	id_771	-0.726	-11.942	11.619	0.906	26.373	-33.349	87.244	0.368	25.647	-31.915	87.344	0.374	-0.028	-1.251	1.038	0.984	TAG53:6- FA18:3	Triacylglycerol	TAG Ester
AL	C-peptide	id_773	-0.211	-4.410	7.965	0.812	25.858	-34.521	87.613	0.428	25.647	-30.685	88.336	0.404	-0.008	-0.492	0.795	0.968	TAG53:7- FA18:3	Triacylglycerol	TAG Ester

AL	C-peptide	id_856	-0.689	-9.837	12.093	0.892	26.337	-29.496	89.936	0.394	25.647	-30.854	88.232	0.400	-0.027	-0.974	2.011	0.992	TAG55:6- Triacylglycer FA18:1 ol TAG Ester		
AL	C-peptide	id_857	2.368	-6.723	14.752	0.608	23.279	-37.475	81.541	0.492	25.647	-34.827	82.903	0.438	0.092	-1.396	1.780	0.722	TAG55:6- Triacylglycer FA20:3 ol TAG Ester		
AL	C-peptide	id_860	0.994	-17.607	18.770	0.924	24.653	-31.567	85.215	0.420	25.647	-33.362	88.594	0.400	0.039	-3.696	3.455	0.828	TAG55:7- Triacylglycer FA18:1 ol TAG Ester		
AL	C-peptide	id_861	3.260	-4.701	16.059	0.470	22.387	-38.716	84.016	0.446	25.647	-34.696	87.893	0.386	0.127	-1.387	1.323	0.652	TAG55:7- Triacylglycer FA20:3 ol TAG Ester		
AL	C-peptide	id_862	-2.090	-13.186	7.498	0.694	27.737	-35.047	88.766	0.388	25.647	-36.636	88.053	0.422	-0.082	-0.911	1.715	0.876	TAG55:7- Triacylglycer FA20:4 ol TAG Ester		
AL	C-peptide	id_864	0.528	-17.346	17.820	0.950	25.119	-35.099	79.876	0.412	25.647	-33.220	85.075	0.400	0.021	-2.224	2.417	0.822	TAG55:8- Triacylglycer FA20:4 ol TAG Ester		
AL	C-peptide	id_939	1.366	-6.797	11.257	0.760	24.281	-34.556	84.977	0.440	25.647	-32.681	85.947	0.420	0.053	-1.165	0.920	0.860	TAG57:9- Triacylglycer FA22:6 ol TAG Ester		
AL	C-peptide	id_978	-2.575	-15.697	9.718	0.716	28.222	-32.619	86.355	0.388	25.647	-32.447	83.563	0.414	-0.100	-1.243	1.210	0.834	Neutral Complex Cholesteryl Total CE Lipids SUM Esters		
AL	C-peptide	id_979	-0.473	-14.677	17.411	0.940	26.121	-33.948	82.524	0.378	25.647	-34.691	84.280	0.396	-0.018	-1.809	2.029	0.912	Total Sphingolipid CER SUM Ceramides		
AL	C-peptide	id_981	-4.302	-20.403	14.256	0.586	29.949	-29.947	85.431	0.310	25.647	-35.252	81.412	0.354	-0.168	-2.388	1.676	0.808	Total Sphingolipid DCER SUM Dihydrocera mides		
AL	C-peptide	id_982	3.947	-4.695	15.229	0.412	21.700	-42.669	80.975	0.492	25.647	-37.928	86.137	0.420	0.154	-2.288	1.955	0.600	Total Sphingolipid HCER SUM Hexosylcera mides		
AL	C-peptide	id_983	0.304	-16.170	17.139	0.974	25.344	-31.048	86.853	0.410	25.647	-34.058	90.348	0.402	0.012	-1.897	2.762	0.876	Total Sphingolipid LCER SUM Lactosylcera mides		
AL	C-peptide	id_987	-2.797	-17.108	7.447	0.656	28.444	-29.192	82.569	0.300	25.647	-29.843	81.587	0.340	-0.109	-1.779	1.610	0.804	Phospholipid Phosphatidyl Total PC SUM cholines		
AL	C-peptide	id_990	0.396	-6.077	10.138	0.886	25.251	-34.060	82.942	0.362	25.647	-32.120	83.938	0.338	0.015	-0.841	0.849	0.924	Sphingolipid Sphingomyel Total SM SUM ins		
AL	C-peptide	id_039	9.547	-6.673	25.141	0.168	16.100	-41.643	75.981	0.598	25.647	-36.276	88.226	0.396	0.372	-2.573	3.222	0.416	Cholesterol CE(22:1) Ester CE Ester		
AL	C-peptide	id_060	-2.513	-25.097	12.620	0.800	28.160	-27.583	86.217	0.326	25.647	-32.662	85.546	0.416	-0.098	-2.790	3.553	0.984	DAG(12: Diacylglycer 0/18:1) ol DAG Ester		
AL	C-peptide	id_071	-3.187	-18.689	16.953	0.732	28.834	-29.520	87.273	0.356	25.647	-32.725	89.468	0.396	-0.124	-2.166	2.233	0.944	DAG(14: Diacylglycer 1/16:0) ol DAG Ester		
AL	C-peptide	id_072	0.091	-7.475	7.478	0.980	25.556	-35.875	84.377	0.372	25.647	-35.747	84.606	0.374	0.004	-0.605	0.944	0.978	DAG(14: Diacylglycer 1/18:1) ol DAG Ester		
AL	C-peptide	id_150	3.541	-13.729	22.567	0.716	22.106	-29.322	79.547	0.446	25.647	-28.423	87.074	0.394	0.138	-3.084	1.866	0.726	LCER(24: Sphingolipid 1) s Lactosylcera mide		
AL	C-peptide	id_151	-4.549	-16.226	4.922	0.364	30.196	-28.971	86.333	0.282	25.647	-30.775	82.816	0.368	-0.177	-1.582	1.766	0.596	LCER(26: Sphingolipid 0) s Lactosylcera mide		

AL	C-peptide	id_160	-0.466	-16.014	11.888	0.960	26.113	-35.403	85.651	0.374	25.647	-37.360	88.355	0.410	-0.018	-1.699	1.960	0.954	LPC(18:2)	Lysophosphatidylcholine	LPC Ester
AL	C-peptide	id_196	-0.962	-9.506	5.640	0.874	26.609	-31.168	90.003	0.366	25.647	-29.632	87.862	0.386	-0.037	-0.862	0.738	0.904	3)	MAG	Ester
AL	C-peptide	id_199	-5.763	-23.356	3.534	0.272	31.410	-30.651	89.190	0.334	25.647	-34.448	81.902	0.424	-0.225	-2.283	2.642	0.576	1)	MAG	Ester
AL	C-peptide	id_200	0.449	-10.020	6.953	0.986	25.198	-37.588	89.470	0.454	25.647	-38.573	85.166	0.452	0.018	-0.896	0.672	0.978	2)	MAG	Ester
AL	C-peptide	id_201	0.096	-7.647	5.061	0.900	25.551	-33.034	81.197	0.386	25.647	-33.429	81.297	0.390	0.004	-0.957	0.646	0.958	3)	MAG	Ester
AL	C-peptide	id_251	0.893	-7.167	12.063	0.820	24.754	-33.974	82.038	0.420	25.647	-34.250	82.864	0.392	0.035	-1.364	1.312	0.832	PC(16:0/22:6)	Phosphatidylcholine	PC Ester
AL	C-peptide	id_288	5.668	-4.599	20.630	0.362	19.979	-42.485	78.275	0.460	25.647	-36.861	86.651	0.350	0.221	-1.982	2.245	0.520	PC(18:1/22:6)	Phosphatidylcholine	PC Ester
AL	C-peptide	id_293	2.595	-3.949	13.564	0.498	23.052	-37.140	78.537	0.454	25.647	-33.381	80.780	0.414	0.101	-1.042	1.342	0.680	PC(18:2/20:2)	Phosphatidylcholine	PC Ester
AL	C-peptide	id_298	-0.342	-10.219	8.385	0.940	25.989	-36.744	86.211	0.456	25.647	-35.810	85.537	0.460	-0.013	-1.446	1.085	0.944	PC(18:2/22:5)	Phosphatidylcholine	PC Ester
AL	C-peptide	id_332	3.378	-5.661	15.984	0.472	22.269	-33.417	80.875	0.436	25.647	-32.693	86.831	0.368	0.132	-1.029	2.296	0.608	PE(18:0/18:0)	Phosphatidylethanolamine	PE Ester
AL	C-peptide	id_359	2.676	-7.170	17.670	0.590	22.971	-39.620	80.947	0.532	25.647	-36.016	83.470	0.448	0.104	-1.324	2.119	0.670	PE(18:2/16:1)	Phosphatidylethanolamine	PE Ester
AL	C-peptide	id_366	-0.844	-12.896	4.636	0.690	26.491	-33.984	84.311	0.376	25.647	-34.622	82.849	0.410	-0.033	-1.364	1.411	0.864	PE(O-16:0/18:2)	Phosphatidylethanolamine	PE Ether
AL	C-peptide	id_368	1.003	-7.687	9.768	0.818	24.644	-34.046	81.411	0.448	25.647	-34.033	82.322	0.432	0.039	-0.864	1.059	0.846	PE(O-16:0/20:4)	Phosphatidylethanolamine	PE Ether
AL	C-peptide	id_372	0.100	-6.243	5.693	0.974	25.547	-33.870	89.349	0.412	25.647	-33.327	87.631	0.412	0.004	-0.557	0.729	0.982	PE(O-16:0/22:6)	Phosphatidylethanolamine	PE Ether
AL	C-peptide	id_378	1.818	-8.148	12.931	0.662	23.830	-37.088	83.079	0.430	25.647	-36.215	87.701	0.384	0.071	-0.753	1.494	0.750	PE(O-18:0/20:4)	Phosphatidylethanolamine	PE Ether
AL	C-peptide	id_381	0.728	-7.436	9.828	0.808	24.919	-38.771	81.281	0.424	25.647	-37.338	83.155	0.416	0.028	-0.799	1.043	0.864	PE(O-18:0/22:5)	Phosphatidylethanolamine	PE Ether
AL	C-peptide	id_382	-1.708	-11.702	4.325	0.610	27.355	-29.109	87.428	0.374	25.647	-29.972	83.684	0.392	-0.067	-0.995	0.617	0.754	PE(O-18:0/22:6)	Phosphatidylethanolamine	PE Ether

AL	C-peptide	id_387	-2.148	-12.089	5.807	0.630	27.796	-34.733	84.526	0.358	25.647	-35.529	83.739	0.374	-0.084	-1.592	0.767	0.780	PE(P-16:0/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	C-peptide	id_392	-0.327	-7.901	7.705	0.906	25.974	-35.716	80.585	0.424	25.647	-36.009	79.702	0.418	-0.013	-0.715	0.847	0.976	PE(P-16:0/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	C-peptide	id_395	1.823	-6.340	19.368	0.680	23.824	-33.001	82.603	0.466	25.647	-30.796	85.963	0.424	0.071	-0.967	1.435	0.764	PE(P-16:0/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	C-peptide	id_396	0.019	-8.524	4.243	0.830	25.628	-26.432	84.733	0.378	25.647	-25.840	84.495	0.388	0.001	-0.734	0.899	0.886	PE(P-16:0/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	C-peptide	id_401	0.794	-9.094	15.882	0.798	24.853	-34.022	83.851	0.418	25.647	-32.203	86.525	0.374	0.031	-0.901	1.489	0.780	PE(P-18:0/18:1)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	C-peptide	id_402	-0.881	-8.282	9.091	0.932	26.528	-32.156	84.889	0.422	25.647	-30.335	82.820	0.420	-0.034	-0.845	0.806	0.928	PE(P-18:0/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	C-peptide	id_406	0.896	-7.961	10.898	0.838	24.751	-36.934	83.961	0.398	25.647	-33.465	83.460	0.394	0.035	-0.975	0.921	0.884	PE(P-18:0/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	C-peptide	id_409	-0.086	-4.623	10.845	0.798	25.733	-34.410	87.379	0.424	25.647	-32.506	86.938	0.398	-0.003	-0.637	0.818	0.836	PE(P-18:0/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	C-peptide	id_410	-1.745	-12.392	3.351	0.532	27.392	-32.704	91.914	0.344	25.647	-33.730	87.196	0.392	-0.068	-1.268	1.233	0.704	PE(P-18:0/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	C-peptide	id_411	0.189	-15.867	12.373	0.994	25.458	-32.999	83.152	0.404	25.647	-33.180	86.037	0.388	0.007	-1.591	2.028	0.906	PE(P-18:1/16:0)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	C-peptide	id_415	-2.489	-14.260	7.441	0.592	28.136	-33.897	86.460	0.358	25.647	-35.476	83.742	0.410	-0.097	-1.317	1.508	0.790	PE(P-18:1/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	C-peptide	id_419	-1.236	-13.480	8.850	0.792	26.883	-33.176	85.567	0.388	25.647	-33.627	84.841	0.410	-0.048	-1.500	1.430	0.866	PE(P-18:1/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	C-peptide	id_421	-3.314	-13.081	6.305	0.574	28.961	-34.215	87.602	0.410	25.647	-35.182	83.502	0.436	-0.129	-1.449	1.139	0.742	PE(P-18:1/22:4)	Phosphatidyl ethanolamine	PE Plasmalogen

AL	C-peptide	id_422	2.389	-4.836	21.059	0.534	23.258	-37.442	80.024	0.464	25.647	-33.422	84.622	0.398	0.093	-1.426	1.595	0.676	PE(P-18:1/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	C-peptide	id_423	-0.343	-8.437	3.255	0.728	25.990	-35.151	85.128	0.418	25.647	-33.999	81.639	0.440	-0.013	-0.548	0.541	0.820	PE(P-18:1/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	C-peptide	id_424	-2.594	-13.413	7.286	0.654	28.241	-32.741	84.427	0.422	25.647	-35.433	82.814	0.450	-0.101	-1.693	1.094	0.832	PE(P-18:2/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	C-peptide	id_425	-0.299	-9.611	10.849	0.976	25.946	-37.022	89.354	0.398	25.647	-37.982	89.863	0.404	-0.012	-1.300	1.025	0.964	PE(P-18:2/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	C-peptide	id_041	-2.535	-8.955	3.158	0.278	-52.747	-91.485	-11.734	0.010	-55.282	-94.507	-16.841	0.008	0.046	-0.068	0.279	0.278	Cholesterol CE(22:4)	Ester	CE Ester
CR	C-peptide	id_041	-2.535	-8.955	3.158	0.278	-52.747	-91.485	-11.734	0.010	-55.282	-94.507	-16.841	0.008	0.046	-0.068	0.279	0.278	Cholesterol CE(22:4)	Ester	CE Ester
CR	C-peptide	id_982	-1.944	-6.406	1.587	0.284	-53.338	-95.279	-12.578	0.016	-55.282	-96.665	-15.856	0.014	0.035	-0.038	0.220	0.298	Total HCER	Sphingolipid SUM	Hexosylceramides
CR	C-peptide	id_982	-1.944	-6.406	1.587	0.284	-53.338	-95.279	-12.578	0.016	-55.282	-96.665	-15.856	0.014	0.035	-0.038	0.220	0.298	Total HCER	Sphingolipid SUM	Hexosylceramides
CR	C-peptide	id_057	-2.041	-6.978	1.477	0.286	-53.242	-96.351	-14.472	0.012	-55.282	-98.170	-15.939	0.008	0.037	-0.038	0.215	0.294	CER(26:1)	Sphingolipids	Ceramide
CR	C-peptide	id_057	-2.041	-6.978	1.477	0.286	-53.242	-96.351	-14.472	0.012	-55.282	-98.170	-15.939	0.008	0.037	-0.038	0.215	0.294	CER(26:1)	Sphingolipids	Ceramide
CR	C-peptide	id_024	-2.519	-7.858	3.393	0.292	-52.763	-95.109	-11.445	0.010	-55.282	-95.971	-15.075	0.008	0.046	-0.075	0.283	0.300	Cholesterol CE(16:0)	Ester	CE Ester
CR	C-peptide	id_024	-2.519	-7.858	3.393	0.292	-52.763	-95.109	-11.445	0.010	-55.282	-95.971	-15.075	0.008	0.046	-0.075	0.283	0.300	Cholesterol CE(16:0)	Ester	CE Ester
CR	C-peptide	id_857	-1.494	-5.119	2.651	0.294	-53.788	-90.248	-12.420	0.006	-55.282	-91.719	-14.156	0.004	0.027	-0.062	0.155	0.298	TAG55:6-FA20:3	Triacylglycerol	TAG Ester
CR	C-peptide	id_857	-1.494	-5.119	2.651	0.294	-53.788	-90.248	-12.420	0.006	-55.282	-91.719	-14.156	0.004	0.027	-0.062	0.155	0.298	TAG55:6-FA20:3	Triacylglycerol	TAG Ester
CR	C-peptide	id_137	-1.695	-6.138	1.334	0.296	-53.587	-90.526	-11.379	0.014	-55.282	-91.392	-13.920	0.008	0.031	-0.031	0.196	0.304	HCER(24:0)	Sphingolipids	Hexosylceramide
CR	C-peptide	id_137	-1.695	-6.138	1.334	0.296	-53.587	-90.526	-11.379	0.014	-55.282	-91.392	-13.920	0.008	0.031	-0.031	0.196	0.304	HCER(24:0)	Sphingolipids	Hexosylceramide
CR	C-peptide	id_990	-2.271	-7.346	4.590	0.308	-53.011	-94.263	-12.136	0.012	-55.282	-95.767	-15.553	0.008	0.041	-0.110	0.242	0.316	Total SM	Sphingolipid SUM	Sphingomyelins
CR	C-peptide	id_990	-2.271	-7.346	4.590	0.308	-53.011	-94.263	-12.136	0.012	-55.282	-95.767	-15.553	0.008	0.041	-0.110	0.242	0.316	Total SM	Sphingolipid SUM	Sphingomyelins

CR	C-peptide	id_456	-2.514	-8.447	3.566	0.320	-52.769	-95.453	-9.799	0.012	-55.282	-96.088	-16.609	0.008	0.045	-0.068	0.331	0.324	SM(24:0)	Sphingolipid s	Sphingomyelin
CR	C-peptide	id_456	-2.514	-8.447	3.566	0.320	-52.769	-95.453	-9.799	0.012	-55.282	-96.088	-16.609	0.008	0.045	-0.068	0.331	0.324	SM(24:0)	Sphingolipid s	Sphingomyelin
CR	C-peptide	id_862	-1.410	-5.226	2.380	0.346	-53.873	-94.016	-12.808	0.008	-55.282	-95.173	-14.218	0.008	0.026	-0.055	0.167	0.354	TAG55:7-FA20:4	Triacylglycerol	TAG Ester
CR	C-peptide	id_862	-1.410	-5.226	2.380	0.346	-53.873	-94.016	-12.808	0.008	-55.282	-95.173	-14.218	0.008	0.026	-0.055	0.167	0.354	TAG55:7-FA20:4	Triacylglycerol	TAG Ester
CR	C-peptide	id_987	-2.595	-8.155	5.204	0.348	-52.687	-92.693	-14.917	0.008	-55.282	-93.170	-17.334	0.004	0.047	-0.114	0.269	0.352	Total PC SUM	Phospholipid	Phosphatidylcholines
CR	C-peptide	id_987	-2.595	-8.155	5.204	0.348	-52.687	-92.693	-14.917	0.008	-55.282	-93.170	-17.334	0.004	0.047	-0.114	0.269	0.352	Total PC SUM	Phospholipid	Phosphatidylcholines
CR	C-peptide	id_142	-1.568	-12.443	0.883	0.354	-53.714	-89.684	-14.078	0.012	-55.282	-92.865	-15.736	0.004	0.028	-0.022	0.285	0.358	LCER(16:0)	Sphingolipid s	Lactosylceramide
CR	C-peptide	id_272	-3.112	-8.835	5.676	0.354	-52.170	-93.965	-9.992	0.016	-55.282	-96.147	-14.535	0.008	0.056	-0.105	0.298	0.358	PC(18:0/20:4)	Phosphatidylcholine	PC Ester
CR	C-peptide	id_142	-1.568	-12.443	0.883	0.354	-53.714	-89.684	-14.078	0.012	-55.282	-92.865	-15.736	0.004	0.028	-0.022	0.285	0.358	LCER(16:0)	Sphingolipid s	Lactosylceramide
CR	C-peptide	id_272	-3.112	-8.835	5.676	0.354	-52.170	-93.965	-9.992	0.016	-55.282	-96.147	-14.535	0.008	0.056	-0.105	0.298	0.358	PC(18:0/20:4)	Phosphatidylcholine	PC Ester
CR	C-peptide	id_861	-1.079	-4.214	1.938	0.356	-54.203	-94.524	-15.954	0.004	-55.282	-94.568	-18.386	0.004	0.020	-0.050	0.128	0.356	TAG55:7-FA20:3	Triacylglycerol	TAG Ester
CR	C-peptide	id_861	-1.079	-4.214	1.938	0.356	-54.203	-94.524	-15.954	0.004	-55.282	-94.568	-18.386	0.004	0.020	-0.050	0.128	0.356	TAG55:7-FA20:3	Triacylglycerol	TAG Ester
CR	C-peptide	id_455	-2.599	-8.678	7.036	0.380	-52.683	-94.073	-12.436	0.016	-55.282	-95.244	-16.148	0.006	0.047	-0.152	0.301	0.386	SM(22:1)	Sphingolipid s	Sphingomyelin
CR	C-peptide	id_455	-2.599	-8.678	7.036	0.380	-52.683	-94.073	-12.436	0.016	-55.282	-95.244	-16.148	0.006	0.047	-0.152	0.301	0.386	SM(22:1)	Sphingolipid s	Sphingomyelin
CR	C-peptide	id_120	-1.973	-6.491	5.544	0.388	-53.309	-94.350	-10.383	0.018	-55.282	-95.061	-14.030	0.012	0.036	-0.141	0.229	0.396	DCER(20:0)	Sphingolipid s	Dihydroceramide
CR	C-peptide	id_120	-1.973	-6.491	5.544	0.388	-53.309	-94.350	-10.383	0.018	-55.282	-95.061	-14.030	0.012	0.036	-0.141	0.229	0.396	DCER(20:0)	Sphingolipid s	Dihydroceramide
CR	C-peptide	id_283	-3.180	-10.024	8.078	0.404	-52.102	-93.591	-11.801	0.010	-55.282	-96.192	-14.819	0.004	0.058	-0.194	0.315	0.408	PC(18:1/20:3)	Phosphatidylcholine	PC Ester
CR	C-peptide	id_283	-3.180	-10.024	8.078	0.404	-52.102	-93.591	-11.801	0.010	-55.282	-96.192	-14.819	0.004	0.058	-0.194	0.315	0.408	PC(18:1/20:3)	Phosphatidylcholine	PC Ester
CR	C-peptide	id_134	-2.272	-7.699	4.547	0.412	-53.011	-90.182	-9.700	0.010	-55.282	-91.087	-12.417	0.016	0.041	-0.106	0.273	0.400	HCER(20:1)	Sphingolipid s	Hexosylceramide
CR	C-peptide	id_134	-2.272	-7.699	4.547	0.412	-53.011	-90.182	-9.700	0.010	-55.282	-91.087	-12.417	0.016	0.041	-0.106	0.273	0.400	HCER(20:1)	Sphingolipid s	Hexosylceramide

CR	C-peptide	id_983	-1.013	-11.425	1.201	0.416	-54.270	-91.632	-16.663	0.004	-55.282	-94.255	-18.637	0.002	0.018	-0.024	0.246	0.418	Total LCER	Sphingolipid SUM	Lactosylceramides
CR	C-peptide	id_983	-1.013	-11.425	1.201	0.416	-54.270	-91.632	-16.663	0.004	-55.282	-94.255	-18.637	0.002	0.018	-0.024	0.246	0.418	Total LCER	Sphingolipid SUM	Lactosylceramides
CR	C-peptide	id_208	-1.235	-5.016	1.864	0.426	-54.048	-92.299	-17.494	0.002	-55.282	-93.437	-18.289	0.002	0.022	-0.040	0.144	0.428	5)	MAG	Ester
CR	C-peptide	id_208	-1.235	-5.016	1.864	0.426	-54.048	-92.299	-17.494	0.002	-55.282	-93.437	-18.289	0.002	0.022	-0.040	0.144	0.428	5)	MAG	Ester
CR	C-peptide	id_128	-1.245	-4.583	3.137	0.428	-54.037	-95.366	-9.845	0.022	-55.282	-96.991	-11.047	0.018	0.023	-0.077	0.155	0.430	DCER(26:1)	Sphingolipids	Dihydroceramide
CR	C-peptide	id_128	-1.245	-4.583	3.137	0.428	-54.037	-95.366	-9.845	0.022	-55.282	-96.991	-11.047	0.018	0.023	-0.077	0.155	0.430	DCER(26:1)	Sphingolipids	Dihydroceramide
CR	C-peptide	id_049	-2.520	-7.313	7.603	0.444	-52.762	-96.367	-13.279	0.012	-55.282	-95.523	-17.218	0.010	0.046	-0.185	0.239	0.454	CER(18:1)	Sphingolipids	Ceramide
CR	C-peptide	id_402	-2.497	-8.873	5.287	0.444	-52.785	-95.179	-11.258	0.014	-55.282	-95.944	-13.770	0.010	0.045	-0.109	0.315	0.446	PE(P-18:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen
CR	C-peptide	id_049	-2.520	-7.313	7.603	0.444	-52.762	-96.367	-13.279	0.012	-55.282	-95.523	-17.218	0.010	0.046	-0.185	0.239	0.454	CER(18:1)	Sphingolipids	Ceramide
CR	C-peptide	id_402	-2.497	-8.873	5.287	0.444	-52.785	-95.179	-11.258	0.014	-55.282	-95.944	-13.770	0.010	0.045	-0.109	0.315	0.446	PE(P-18:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen
CR	C-peptide	id_023	-2.057	-7.248	6.516	0.446	-53.226	-94.965	-9.757	0.012	-55.282	-95.339	-12.534	0.012	0.037	-0.176	0.249	0.458	Cholesterol CE(15:0)	Ester	CE Ester
CR	C-peptide	id_023	-2.057	-7.248	6.516	0.446	-53.226	-94.965	-9.757	0.012	-55.282	-95.339	-12.534	0.012	0.037	-0.176	0.249	0.458	Cholesterol CE(15:0)	Ester	CE Ester
CR	C-peptide	id_186	-1.748	-6.453	2.483	0.452	-53.535	-90.197	-15.802	0.012	-55.282	-92.206	-16.632	0.012	0.032	-0.062	0.171	0.452	0)	MAG	Ester
CR	C-peptide	id_186	-1.748	-6.453	2.483	0.452	-53.535	-90.197	-15.802	0.012	-55.282	-92.206	-16.632	0.012	0.032	-0.062	0.171	0.452	0)	MAG	Ester
CR	C-peptide	id_453	-2.350	-8.023	6.382	0.462	-52.933	-93.194	-14.046	0.012	-55.282	-94.459	-17.953	0.002	0.043	-0.133	0.255	0.464	SM(20:1)	Sphingolipids	Sphingomyelin
CR	C-peptide	id_396	-1.559	-6.647	2.322	0.462	-53.723	-92.848	-14.375	0.004	-55.282	-93.499	-15.087	0.004	0.028	-0.070	0.152	0.466	PE(P-16:0/22:6)	Phosphatidylethanolamine	PE Plasmalogen
CR	C-peptide	id_453	-2.350	-8.023	6.382	0.462	-52.933	-93.194	-14.046	0.012	-55.282	-94.459	-17.953	0.002	0.043	-0.133	0.255	0.464	SM(20:1)	Sphingolipids	Sphingomyelin
CR	C-peptide	id_396	-1.559	-6.647	2.322	0.462	-53.723	-92.848	-14.375	0.004	-55.282	-93.499	-15.087	0.004	0.028	-0.070	0.152	0.466	PE(P-16:0/22:6)	Phosphatidylethanolamine	PE Plasmalogen
CR	C-peptide	id_028	-1.690	-6.589	5.552	0.482	-53.593	-92.490	-9.293	0.012	-55.282	-93.081	-13.025	0.010	0.031	-0.114	0.278	0.484	Cholesterol CE(18:1)	Ester	CE Ester
CR	C-peptide	id_028	-1.690	-6.589	5.552	0.482	-53.593	-92.490	-9.293	0.012	-55.282	-93.081	-13.025	0.010	0.031	-0.114	0.278	0.484	Cholesterol CE(18:1)	Ester	CE Ester

CR	C-peptide	id_459	-0.337	-4.575	2.393	0.494	-54.946	-93.175	-13.194	0.012	-55.282	-94.488	-13.645	0.008	0.006	-0.053	0.127	0.490	SM(26:1)	Sphingolipid s	Sphingomyelin
CR	C-peptide	id_459	-0.337	-4.575	2.393	0.494	-54.946	-93.175	-13.194	0.012	-55.282	-94.488	-13.645	0.008	0.006	-0.053	0.127	0.490	SM(26:1)	Sphingolipid s	Sphingomyelin
CR	C-peptide	id_119	-1.016	-4.351	2.792	0.496	-54.267	-92.031	-15.173	0.004	-55.282	-93.411	-15.173	0.000	0.018	-0.068	0.110	0.496	DCER(18 :1)	Sphingolipid s	Dihydroceramide
CR	C-peptide	id_119	-1.016	-4.351	2.792	0.496	-54.267	-92.031	-15.173	0.004	-55.282	-93.411	-15.173	0.000	0.018	-0.068	0.110	0.496	DCER(18 :1)	Sphingolipid s	Dihydroceramide
CR	C-peptide	id_401	-2.107	-8.248	5.160	0.498	-53.176	-91.068	-11.624	0.010	-55.282	-92.128	-14.666	0.008	0.038	-0.134	0.275	0.506	PE(P-18:0/18:1)	Phosphatidylethanolamine	Plasmalogen
CR	C-peptide	id_401	-2.107	-8.248	5.160	0.498	-53.176	-91.068	-11.624	0.010	-55.282	-92.128	-14.666	0.008	0.038	-0.134	0.275	0.506	PE(P-18:0/18:1)	Phosphatidylethanolamine	Plasmalogen
CR	C-peptide	id_149	-2.505	-14.654	3.808	0.514	-52.777	-91.810	-14.209	0.002	-55.282	-95.163	-15.681	0.000	0.045	-0.121	0.324	0.514	LCER(24:0)	Sphingolipid s	Lactosylceramide
CR	C-peptide	id_149	-2.505	-14.654	3.808	0.514	-52.777	-91.810	-14.209	0.002	-55.282	-95.163	-15.681	0.000	0.045	-0.121	0.324	0.514	LCER(24:0)	Sphingolipid s	Lactosylceramide
CR	C-peptide	id_160	-0.316	-4.012	1.164	0.526	-54.966	-98.351	-16.998	0.008	-55.282	-98.525	-17.229	0.008	0.006	-0.026	0.106	0.534	LPC(18:2)	Lysophosphatidylcholine	LPC Ester
CR	C-peptide	id_160	-0.316	-4.012	1.164	0.526	-54.966	-98.351	-16.998	0.008	-55.282	-98.525	-17.229	0.008	0.006	-0.026	0.106	0.534	LPC(18:2)	Lysophosphatidylcholine	LPC Ester
CR	C-peptide	id_144	-0.715	-4.684	2.063	0.530	-54.567	-93.755	-17.295	0.010	-55.282	-94.004	-17.844	0.010	0.013	-0.052	0.132	0.540	LCER(18:1)	Sphingolipid s	Lactosylceramide
CR	C-peptide	id_144	-0.715	-4.684	2.063	0.530	-54.567	-93.755	-17.295	0.010	-55.282	-94.004	-17.844	0.010	0.013	-0.052	0.132	0.540	LCER(18:1)	Sphingolipid s	Lactosylceramide
CR	C-peptide	id_151	-0.711	-6.385	1.609	0.536	-54.571	-93.313	-13.869	0.012	-55.282	-94.487	-13.299	0.012	0.013	-0.036	0.179	0.540	LCER(26:0)	Sphingolipid s	Lactosylceramide
CR	C-peptide	id_151	-0.711	-6.385	1.609	0.536	-54.571	-93.313	-13.869	0.012	-55.282	-94.487	-13.299	0.012	0.013	-0.036	0.179	0.540	LCER(26:0)	Sphingolipid s	Lactosylceramide
CR	C-peptide	id_769	-1.261	-4.598	4.244	0.550	-54.022	-94.272	-13.105	0.020	-55.282	-95.182	-14.085	0.016	0.023	-0.104	0.133	0.554	TAG53:6-FA18:1	Triacylglycerol	TAG Ester
CR	C-peptide	id_769	-1.261	-4.598	4.244	0.550	-54.022	-94.272	-13.105	0.020	-55.282	-95.182	-14.085	0.016	0.023	-0.104	0.133	0.554	TAG53:6-FA18:1	Triacylglycerol	TAG Ester
CR	C-peptide	id_298	-1.103	-5.847	3.201	0.564	-54.179	-95.341	-16.485	0.004	-55.282	-95.625	-16.779	0.004	0.020	-0.078	0.138	0.564	PC(18:2/22:5)	Phosphatidylcholine	PC Ester
CR	C-peptide	id_298	-1.103	-5.847	3.201	0.564	-54.179	-95.341	-16.485	0.004	-55.282	-95.625	-16.779	0.004	0.020	-0.078	0.138	0.564	PC(18:2/22:5)	Phosphatidylcholine	PC Ester

CR	C-peptide	id_457	-0.588	-4.193	2.402	0.566	-54.694	-94.875	-16.780	0.004	-55.282	-95.071	-17.660	0.004	0.011	-0.055	0.123	0.570	SM(24:1)	Sphingolipid s	Sphingomyelin
CR	C-peptide	id_457	-0.588	-4.193	2.402	0.566	-54.694	-94.875	-16.780	0.004	-55.282	-95.071	-17.660	0.004	0.011	-0.055	0.123	0.570	SM(24:1)	Sphingolipid s	Sphingomyelin
CR	C-peptide	id_939	-1.179	-3.939	5.419	0.572	-54.104	-96.674	-15.107	0.008	-55.282	-96.423	-16.791	0.008	0.021	-0.127	0.128	0.576	TAG57:9-FA22:6	Triacylglycerol	TAG Ester
CR	C-peptide	id_939	-1.179	-3.939	5.419	0.572	-54.104	-96.674	-15.107	0.008	-55.282	-96.423	-16.791	0.008	0.021	-0.127	0.128	0.576	TAG57:9-FA22:6	Triacylglycerol	TAG Ester
CR	C-peptide	id_205	-0.020	-7.316	2.474	0.578	-55.262	-92.415	-12.755	0.006	-55.282	-93.715	-15.998	0.006	0.000	-0.049	0.199	0.584	1)	MAG	Ester
CR	C-peptide	id_205	-0.020	-7.316	2.474	0.578	-55.262	-92.415	-12.755	0.006	-55.282	-93.715	-15.998	0.006	0.000	-0.049	0.199	0.584	1)	MAG	Ester
CR	C-peptide	id_423	-1.425	-6.830	3.198	0.580	-53.858	-93.901	-15.620	0.002	-55.282	-94.011	-16.918	0.000	0.026	-0.086	0.175	0.580	PE(P-18:1/22:6)	Phosphatidylethanolamine	PE Plasmalogen
CR	C-peptide	id_423	-1.425	-6.830	3.198	0.580	-53.858	-93.901	-15.620	0.002	-55.282	-94.011	-16.918	0.000	0.026	-0.086	0.175	0.580	PE(P-18:1/22:6)	Phosphatidylethanolamine	PE Plasmalogen
CR	C-peptide	id_458	-1.131	-5.036	7.288	0.602	-54.151	-94.498	-14.217	0.002	-55.282	-95.004	-16.012	0.004	0.020	-0.171	0.160	0.602	SM(26:0)	Sphingolipid s	Sphingomyelin
CR	C-peptide	id_458	-1.131	-5.036	7.288	0.602	-54.151	-94.498	-14.217	0.002	-55.282	-95.004	-16.012	0.004	0.020	-0.171	0.160	0.602	SM(26:0)	Sphingolipid s	Sphingomyelin
CR	C-peptide	id_230	-0.807	-5.229	2.768	0.606	-54.476	-95.817	-18.189	0.004	-55.282	-95.674	-19.427	0.004	0.015	-0.058	0.143	0.606	PC(15:0/20:4)	Phosphatidylcholine	PC Ester
CR	C-peptide	id_230	-0.807	-5.229	2.768	0.606	-54.476	-95.817	-18.189	0.004	-55.282	-95.674	-19.427	0.004	0.015	-0.058	0.143	0.606	PC(15:0/20:4)	Phosphatidylcholine	PC Ester
CR	C-peptide	id_147	1.784	-5.634	7.427	0.614	-57.066	-97.223	-18.906	0.002	-55.282	-95.353	-17.600	0.004	-0.032	-0.155	0.101	0.618	LCER(22:0)	Sphingolipid s	Lactosylceramide
CR	C-peptide	id_147	1.784	-5.634	7.427	0.614	-57.066	-97.223	-18.906	0.002	-55.282	-95.353	-17.600	0.004	-0.032	-0.155	0.101	0.618	LCER(22:0)	Sphingolipid s	Lactosylceramide
CR	C-peptide	id_072	-0.869	-5.280	3.411	0.620	-54.414	-98.882	-13.525	0.010	-55.282	-99.221	-13.847	0.012	0.016	-0.082	0.130	0.624	DAG(14:1/18:1)	Diacylglycerol	DAG Ester
CR	C-peptide	id_072	-0.869	-5.280	3.411	0.620	-54.414	-98.882	-13.525	0.010	-55.282	-99.221	-13.847	0.012	0.016	-0.082	0.130	0.624	DAG(14:1/18:1)	Diacylglycerol	DAG Ester
CR	C-peptide	id_289	-1.745	-7.305	8.219	0.634	-53.538	-95.847	-12.566	0.006	-55.282	-95.075	-15.418	0.004	0.032	-0.194	0.217	0.638	PC(18:2/16:1)	Phosphatidylcholine	PC Ester
CR	C-peptide	id_289	-1.745	-7.305	8.219	0.634	-53.538	-95.847	-12.566	0.006	-55.282	-95.075	-15.418	0.004	0.032	-0.194	0.217	0.638	PC(18:2/16:1)	Phosphatidylcholine	PC Ester
CR	C-peptide	id_203	-0.040	-5.085	3.607	0.640	-55.242	-94.934	-15.563	0.004	-55.282	-94.427	-16.257	0.000	0.001	-0.064	0.132	0.640	5)	MAG	Ester
CR	C-peptide	id_203	-0.040	-5.085	3.607	0.640	-55.242	-94.934	-15.563	0.004	-55.282	-94.427	-16.257	0.000	0.001	-0.064	0.132	0.640	5)	MAG	Ester
CR	C-peptide	id_129	-1.206	-5.465	4.102	0.644	-54.077	-98.518	-14.527	0.002	-55.282	-98.619	-15.953	0.002	0.022	-0.093	0.176	0.646	HCER(14:0)	Sphingolipid s	Hexosylceramide

CR	C-peptide	id_129	-1.206	-5.465	4.102	0.644	-54.077	-98.518	-14.527	0.002	-55.282	-98.619	-15.953	0.002	0.022	-0.093	0.176	0.646	HCER(14:0)	Sphingolipids	Hexosylceramide
CR	C-peptide	id_449	-0.777	-4.737	5.363	0.674	-54.505	-92.469	-14.099	0.010	-55.282	-92.842	-14.659	0.008	0.014	-0.110	0.138	0.678	SM(16:0)	Sphingolipids	Sphingomyelin
CR	C-peptide	id_449	-0.777	-4.737	5.363	0.674	-54.505	-92.469	-14.099	0.010	-55.282	-92.842	-14.659	0.008	0.014	-0.110	0.138	0.678	SM(16:0)	Sphingolipids	Sphingomyelin
CR	C-peptide	id_138	-0.057	-3.917	1.819	0.676	-55.226	-95.487	-14.110	0.002	-55.282	-96.069	-14.599	0.000	0.001	-0.044	0.102	0.676	HCER(24:1)	Sphingolipids	Hexosylceramide
CR	C-peptide	id_170	-0.058	-7.349	2.105	0.676	-55.224	-94.975	-13.987	0.010	-55.282	-95.738	-14.799	0.010	0.001	-0.048	0.165	0.686	LPC(22:6)	Lysophosphatidylcholine	LPC Ester
CR	C-peptide	id_138	-0.057	-3.917	1.819	0.676	-55.226	-95.487	-14.110	0.002	-55.282	-96.069	-14.599	0.000	0.001	-0.044	0.102	0.676	HCER(24:1)	Sphingolipids	Hexosylceramide
CR	C-peptide	id_170	-0.058	-7.349	2.105	0.676	-55.224	-94.975	-13.987	0.010	-55.282	-95.738	-14.799	0.010	0.001	-0.048	0.165	0.686	LPC(22:6)	Lysophosphatidylcholine	LPC Ester
CR	C-peptide	id_386	-1.593	-7.549	6.427	0.678	-53.690	-95.846	-12.994	0.018	-55.282	-94.152	-16.920	0.012	0.029	-0.157	0.263	0.686	PE(P-16:0/18:1)	Phosphatidylethanolamine	Plasmalogen
CR	C-peptide	id_386	-1.593	-7.549	6.427	0.678	-53.690	-95.846	-12.994	0.018	-55.282	-94.152	-16.920	0.012	0.029	-0.157	0.263	0.686	PE(P-16:0/18:1)	Phosphatidylethanolamine	Plasmalogen
CR	C-peptide	id_039	0.098	-10.319	2.674	0.682	-55.380	-95.142	-14.829	0.002	-55.282	-97.019	-15.998	0.002	-0.002	-0.062	0.218	0.684	CE(22:1)	Cholesterol Ester	CE Ester
CR	C-peptide	id_410	-0.675	-5.026	3.789	0.682	-54.607	-95.181	-15.013	0.008	-55.282	-94.422	-15.514	0.008	0.012	-0.091	0.156	0.682	PE(P-18:0/22:6)	Phosphatidylethanolamine	Plasmalogen
CR	C-peptide	id_039	0.098	-10.319	2.674	0.682	-55.380	-95.142	-14.829	0.002	-55.282	-97.019	-15.998	0.002	-0.002	-0.062	0.218	0.684	CE(22:1)	Cholesterol Ester	CE Ester
CR	C-peptide	id_410	-0.675	-5.026	3.789	0.682	-54.607	-95.181	-15.013	0.008	-55.282	-94.422	-15.514	0.008	0.012	-0.091	0.156	0.682	PE(P-18:0/22:6)	Phosphatidylethanolamine	Plasmalogen
CR	C-peptide	id_209	-0.037	-5.271	2.474	0.712	-55.245	-92.150	-15.002	0.010	-55.282	-93.416	-14.916	0.006	0.001	-0.056	0.135	0.714	6)	MAG	Ester
CR	C-peptide	id_279	-0.501	-4.341	3.757	0.712	-54.781	-93.605	-12.519	0.016	-55.282	-94.141	-13.643	0.014	0.009	-0.088	0.138	0.722	PC(18:1/18:2)	Phosphatidylcholine	PC Ester
CR	C-peptide	id_209	-0.037	-5.271	2.474	0.712	-55.245	-92.150	-15.002	0.010	-55.282	-93.416	-14.916	0.006	0.001	-0.056	0.135	0.714	6)	MAG	Ester
CR	C-peptide	id_279	-0.501	-4.341	3.757	0.712	-54.781	-93.605	-12.519	0.016	-55.282	-94.141	-13.643	0.014	0.009	-0.088	0.138	0.722	PC(18:1/18:2)	Phosphatidylcholine	PC Ester
CR	C-peptide	id_199	-0.137	-4.609	2.387	0.726	-55.145	-94.388	-19.302	0.000	-55.282	-94.667	-20.134	0.000	0.002	-0.054	0.105	0.726	1)	MAG	Ester
CR	C-peptide	id_199	-0.137	-4.609	2.387	0.726	-55.145	-94.388	-19.302	0.000	-55.282	-94.667	-20.134	0.000	0.002	-0.054	0.105	0.726	1)	MAG	Ester

CR	C-peptide	id_139	-0.235	-3.882	3.278	0.730	-55.047	-91.225	-15.372	0.006	-55.282	-92.031	-15.988	0.006	0.004	-0.080	0.113	0.732	HCER(26 :0)	Sphingolipid s	Hexosylcera mide
CR	C-peptide	id_139	-0.235	-3.882	3.278	0.730	-55.047	-91.225	-15.372	0.006	-55.282	-92.031	-15.988	0.006	0.004	-0.080	0.113	0.732	HCER(26 :0)	Sphingolipid s	Hexosylcera mide
CR	C-peptide	id_131	-0.347	-3.818	3.372	0.750	-54.936	-96.723	-17.826	0.004	-55.282	-96.152	-17.380	0.004	0.006	-0.067	0.114	0.750	HCER(18 :0)	Sphingolipid s	Hexosylcera mide
CR	C-peptide	id_257	-0.879	-5.849	4.626	0.750	-54.403	-95.514	-11.074	0.012	-55.282	-96.294	-11.134	0.008	0.016	-0.140	0.196	0.758	PC(17:0/ 20:4)	Phosphatidyl choline	PC Ester
CR	C-peptide	id_131	-0.347	-3.818	3.372	0.750	-54.936	-96.723	-17.826	0.004	-55.282	-96.152	-17.380	0.004	0.006	-0.067	0.114	0.750	HCER(18 :0)	Sphingolipid s	Hexosylcera mide
CR	C-peptide	id_257	-0.879	-5.849	4.626	0.750	-54.403	-95.514	-11.074	0.012	-55.282	-96.294	-11.134	0.008	0.016	-0.140	0.196	0.758	PC(17:0/ 20:4)	Phosphatidyl choline	PC Ester
CR	C-peptide	id_043	-0.312	-3.939	1.999	0.752	-54.971	-93.944	-18.926	0.002	-55.282	-94.203	-19.520	0.002	0.006	-0.051	0.099	0.750	CE(22:6)	Cholesterol Ester	CE Ester
CR	C-peptide	id_043	-0.312	-3.939	1.999	0.752	-54.971	-93.944	-18.926	0.002	-55.282	-94.203	-19.520	0.002	0.006	-0.051	0.099	0.750	CE(22:6)	Cholesterol Ester	CE Ester
CR	C-peptide	id_354	0.159	-8.950	2.293	0.760	-55.442	-94.394	-15.451	0.006	-55.282	-96.664	-17.226	0.000	-0.003	-0.048	0.207	0.760	PE(18:1/ 22:0)	Phosphatidyl ethanolamin e	PE Ester
CR	C-peptide	id_372	-0.776	-5.619	5.395	0.760	-54.506	-94.145	-14.759	0.012	-55.282	-95.984	-16.286	0.008	0.014	-0.128	0.143	0.764	PE(O- 16:0/22: 6)	Phosphatidyl ethanolamin e	PE Ether
CR	C-peptide	id_354	0.159	-8.950	2.293	0.760	-55.442	-94.394	-15.451	0.006	-55.282	-96.664	-17.226	0.000	-0.003	-0.048	0.207	0.760	PE(18:1/ 22:0)	Phosphatidyl ethanolamin e	PE Ester
CR	C-peptide	id_372	-0.776	-5.619	5.395	0.760	-54.506	-94.145	-14.759	0.012	-55.282	-95.984	-16.286	0.008	0.014	-0.128	0.143	0.764	PE(O- 16:0/22: 6)	Phosphatidyl ethanolamin e	PE Ether
CR	C-peptide	id_033	-0.243	-5.388	3.509	0.774	-55.039	-93.563	-17.759	0.004	-55.282	-93.871	-19.937	0.002	0.004	-0.074	0.142	0.772	CE(20:1)	Cholesterol Ester	CE Ester
CR	C-peptide	id_033	-0.243	-5.388	3.509	0.774	-55.039	-93.563	-17.759	0.004	-55.282	-93.871	-19.937	0.002	0.004	-0.074	0.142	0.772	CE(20:1)	Cholesterol Ester	CE Ester
CR	C-peptide	id_148	-0.226	-5.640	2.152	0.780	-55.056	-95.691	-15.719	0.012	-55.282	-96.873	-17.230	0.008	0.004	-0.050	0.126	0.788	LCER(22: 1)	Sphingolipid s	Lactosylcera mide
CR	C-peptide	id_382	-0.421	-4.346	3.818	0.780	-54.861	-96.268	-13.538	0.006	-55.282	-96.225	-14.020	0.006	0.008	-0.099	0.123	0.774	PE(O- 18:0/22: 6)	Phosphatidyl ethanolamin e	PE Ether
CR	C-peptide	id_148	-0.226	-5.640	2.152	0.780	-55.056	-95.691	-15.719	0.012	-55.282	-96.873	-17.230	0.008	0.004	-0.050	0.126	0.788	LCER(22: 1)	Sphingolipid s	Lactosylcera mide

CR	C-peptide	id_382	-0.421	-4.346	3.818	0.780	-54.861	-96.268	-13.538	0.006	-55.282	-96.225	-14.020	0.006	0.008	-0.099	0.123	0.774	PE(O-18:0/22:6)	Phosphatidylethanolamine	PE Ether
CR	C-peptide	id_188	-0.230	-3.608	4.541	0.802	-55.053	-94.378	-18.563	0.000	-55.282	-93.205	-17.022	0.002	0.004	-0.084	0.099	0.800	1)	MAG	Ester
CR	C-peptide	id_188	-0.230	-3.608	4.541	0.802	-55.053	-94.378	-18.563	0.000	-55.282	-93.205	-17.022	0.002	0.004	-0.084	0.099	0.800	1)	MAG	Ester
CR	C-peptide	id_181	-0.711	-5.134	6.559	0.814	-54.571	-97.235	-12.125	0.014	-55.282	-96.899	-12.738	0.010	0.013	-0.152	0.164	0.808	)	Lysophosphatidylethanolamine	LPE Ester
CR	C-peptide	id_181	-0.711	-5.134	6.559	0.814	-54.571	-97.235	-12.125	0.014	-55.282	-96.899	-12.738	0.010	0.013	-0.152	0.164	0.808	)	Lysophosphatidylethanolamine	LPE Ester
CR	C-peptide	id_411	0.715	-4.166	5.494	0.824	-55.997	-98.607	-18.154	0.008	-55.282	-95.602	-18.487	0.006	-0.013	-0.131	0.121	0.826	0)	PE(P-18:1/16:0)	Phosphatidylethanolamine PE
CR	C-peptide	id_411	0.715	-4.166	5.494	0.824	-55.997	-98.607	-18.154	0.008	-55.282	-95.602	-18.487	0.006	-0.013	-0.131	0.121	0.826	0)	PE(P-18:1/16:0)	Phosphatidylethanolamine PE
CR	C-peptide	id_414	0.529	-5.485	8.190	0.826	-55.811	-99.725	-13.190	0.010	-55.282	-97.120	-15.803	0.008	-0.010	-0.185	0.155	0.826	1)	PE(P-18:1/18:0)	Phosphatidylethanolamine PE
CR	C-peptide	id_414	0.529	-5.485	8.190	0.826	-55.811	-99.725	-13.190	0.010	-55.282	-97.120	-15.803	0.008	-0.010	-0.185	0.155	0.826	1)	PE(P-18:1/18:0)	Phosphatidylethanolamine PE
CR	C-peptide	id_146	0.193	-4.130	2.452	0.850	-55.475	-94.918	-16.428	0.010	-55.282	-94.657	-16.288	0.006	-0.003	-0.054	0.093	0.852	1)	LCER(20:1)	Sphingolipids
CR	C-peptide	id_146	0.193	-4.130	2.452	0.850	-55.475	-94.918	-16.428	0.010	-55.282	-94.657	-16.288	0.006	-0.003	-0.054	0.093	0.852	1)	LCER(20:1)	Sphingolipids
CR	C-peptide	id_284	-0.605	-5.506	6.636	0.868	-54.677	-97.874	-13.961	0.008	-55.282	-98.049	-14.758	0.010	0.011	-0.179	0.169	0.874	PC(18:1/20:4)	Phosphatidylcholine	PC Ester
CR	C-peptide	id_284	-0.605	-5.506	6.636	0.868	-54.677	-97.874	-13.961	0.008	-55.282	-98.049	-14.758	0.010	0.011	-0.179	0.169	0.874	PC(18:1/20:4)	Phosphatidylcholine	PC Ester
CR	C-peptide	id_288	-0.015	-3.539	3.163	0.872	-55.268	-98.711	-11.706	0.016	-55.282	-99.272	-12.330	0.012	0.000	-0.084	0.100	0.868	PC(18:1/22:6)	Phosphatidylcholine	PC Ester
CR	C-peptide	id_288	-0.015	-3.539	3.163	0.872	-55.268	-98.711	-11.706	0.016	-55.282	-99.272	-12.330	0.012	0.000	-0.084	0.100	0.868	PC(18:1/22:6)	Phosphatidylcholine	PC Ester
CR	C-peptide	id_145	0.460	-4.073	6.503	0.874	-55.743	-99.224	-14.585	0.004	-55.282	-97.421	-16.182	0.004	-0.008	-0.143	0.111	0.874	0)	LCER(20:0)	Sphingolipids
CR	C-peptide	id_293	-0.401	-6.089	5.994	0.874	-54.881	-98.696	-14.568	0.008	-55.282	-97.335	-14.893	0.004	0.007	-0.138	0.166	0.874	PC(18:2/20:2)	Phosphatidylcholine	PC Ester

CR	C-peptide	id_145	0.460	-4.073	6.503	0.874	-55.743	-99.224	-14.585	0.004	-55.282	-97.421	-16.182	0.004	-0.008	-0.143	0.111	0.874	LCER(20:0)	Sphingolipids	Lactosylceramide
CR	C-peptide	id_293	-0.401	-6.089	5.994	0.874	-54.881	-98.696	-14.568	0.008	-55.282	-97.335	-14.893	0.004	0.007	-0.138	0.166	0.874	PC(18:2/20:2)	Phosphatidylcholine	PC Ester
CR	C-peptide	id_251	0.021	-3.600	2.343	0.888	-55.304	-91.250	-13.956	0.008	-55.282	-90.937	-15.121	0.008	0.000	-0.061	0.091	0.896	PC(16:0/22:6)	Phosphatidylcholine	PC Ester
CR	C-peptide	id_251	0.021	-3.600	2.343	0.888	-55.304	-91.250	-13.956	0.008	-55.282	-90.937	-15.121	0.008	0.000	-0.061	0.091	0.896	PC(16:0/22:6)	Phosphatidylcholine	PC Ester
CR	C-peptide	id_044	1.234	-7.288	4.576	0.892	-56.516	-96.132	-17.869	0.004	-55.282	-95.091	-17.208	0.004	-0.022	-0.132	0.167	0.892	Cholesterol	CE(24:0) Ester	CE Ester
CR	C-peptide	id_044	1.234	-7.288	4.576	0.892	-56.516	-96.132	-17.869	0.004	-55.282	-95.091	-17.208	0.004	-0.022	-0.132	0.167	0.892	Cholesterol	CE(24:0) Ester	CE Ester
CR	C-peptide	id_398	-0.463	-5.449	11.359	0.904	-54.819	-98.161	-15.596	0.010	-55.282	-96.502	-16.248	0.008	0.008	-0.302	0.154	0.908	PE(P-18:0/16:0)	Phosphatidylethanolamine	PE Plasmalogen
CR	C-peptide	id_398	-0.463	-5.449	11.359	0.904	-54.819	-98.161	-15.596	0.010	-55.282	-96.502	-16.248	0.008	0.008	-0.302	0.154	0.908	PE(P-18:0/16:0)	Phosphatidylethanolamine	PE Plasmalogen
CR	C-peptide	id_189	-0.153	-3.635	3.209	0.910	-55.130	-93.741	-16.030	0.006	-55.282	-92.684	-15.828	0.006	0.003	-0.074	0.084	0.908	0)	MAG	Ester
CR	C-peptide	id_189	-0.153	-3.635	3.209	0.910	-55.130	-93.741	-16.030	0.006	-55.282	-92.684	-15.828	0.006	0.003	-0.074	0.084	0.908	0)	MAG	Ester
CR	C-peptide	id_152	0.195	-4.320	2.481	0.932	-55.477	-94.705	-16.021	0.008	-55.282	-95.129	-15.787	0.006	-0.004	-0.064	0.094	0.934	LCER(26:1)	Sphingolipids	Lactosylceramide
CR	C-peptide	id_152	0.195	-4.320	2.481	0.932	-55.477	-94.705	-16.021	0.008	-55.282	-95.129	-15.787	0.006	-0.004	-0.064	0.094	0.934	LCER(26:1)	Sphingolipids	Lactosylceramide
CR	C-peptide	id_045	0.673	-4.316	3.777	0.938	-55.955	-94.733	-13.843	0.006	-55.282	-94.744	-14.580	0.006	-0.012	-0.092	0.134	0.936	Cholesterol	CE(24:1) Ester	CE Ester
CR	C-peptide	id_045	0.673	-4.316	3.777	0.938	-55.955	-94.733	-13.843	0.006	-55.282	-94.744	-14.580	0.006	-0.012	-0.092	0.134	0.936	Cholesterol	CE(24:1) Ester	CE Ester
CR	C-peptide	id_201	0.032	-5.125	5.863	0.966	-55.315	-94.735	-13.810	0.008	-55.282	-93.895	-13.514	0.008	-0.001	-0.149	0.148	0.966	3)	MAG	Ester
CR	C-peptide	id_201	0.032	-5.125	5.863	0.966	-55.315	-94.735	-13.810	0.008	-55.282	-93.895	-13.514	0.008	-0.001	-0.149	0.148	0.966	3)	MAG	Ester
CR	C-peptide	id_141	0.169	-8.557	4.862	0.970	-55.451	-93.407	-16.090	0.010	-55.282	-94.392	-16.549	0.010	-0.003	-0.130	0.173	0.972	LCER(14:0)	Sphingolipids	Lactosylceramide
CR	C-peptide	id_141	0.169	-8.557	4.862	0.970	-55.451	-93.407	-16.090	0.010	-55.282	-94.392	-16.549	0.010	-0.003	-0.130	0.173	0.972	LCER(14:0)	Sphingolipids	Lactosylceramide
AL	C-peptide	id_023	-3.441	-16.536	5.892	0.528	29.088	-33.488	89.401	0.328	25.647	-36.207	87.790	0.378	-0.134	-1.652	2.501	0.754	Cholesterol	CE(15:0) Ester	CE Ester
AL	C-peptide	id_024	-0.962	-11.073	8.629	0.856	26.609	-34.079	91.706	0.394	25.647	-34.418	88.174	0.414	-0.038	-1.372	1.108	0.942	Cholesterol	CE(16:0) Ester	CE Ester
AL	C-peptide	id_026	-2.319	-12.636	7.929	0.684	27.966	-33.321	91.406	0.360	25.647	-33.265	89.402	0.370	-0.090	-1.213	1.222	0.774	Cholesterol	CE(17:0) Ester	CE Ester

AL	C-peptide	id_027	-1.959	-14.173	6.264	0.710	27.606	-35.350	95.811	0.380	25.647	-34.202	90.917	0.398	-0.076	-1.251	0.830	0.772	CE(18:0)	Cholesterol Ester	CE Ester
AL	C-peptide	id_028	-1.016	-9.740	8.365	0.854	26.663	-34.389	82.907	0.378	25.647	-34.348	80.881	0.380	-0.040	-0.794	0.688	0.834	CE(18:1)	Cholesterol Ester	CE Ester
AL	C-peptide	id_029	-2.220	-14.144	9.783	0.734	27.867	-32.099	86.304	0.394	25.647	-35.449	86.718	0.416	-0.087	-1.315	1.631	0.846	CE(18:2)	Cholesterol Ester	CE Ester
AL	C-peptide	id_033	8.219	-1.539	22.127	0.076	17.428	-40.083	78.305	0.588	25.647	-32.568	83.904	0.402	0.320	-3.323	2.726	0.446	CE(20:1)	Cholesterol Ester	CE Ester
AL	C-peptide	id_034	-2.969	-18.996	9.964	0.666	28.616	-38.922	87.521	0.388	25.647	-40.801	82.709	0.420	-0.116	-1.630	2.172	0.858	CE(20:2)	Cholesterol Ester	CE Ester
AL	C-peptide	id_035	-1.742	-20.598	15.919	0.780	27.389	-34.304	87.376	0.348	25.647	-37.255	84.419	0.398	-0.068	-2.064	1.856	0.970	CE(20:3)	Cholesterol Ester	CE Ester
AL	C-peptide	id_036	1.184	-9.377	15.650	0.844	24.463	-28.258	83.194	0.390	25.647	-27.920	85.734	0.366	0.046	-1.352	1.661	0.802	CE(20:4)	Cholesterol Ester	CE Ester
AL	C-peptide	id_041	-0.041	-6.376	5.800	0.952	25.688	-38.529	89.585	0.400	25.647	-36.739	88.045	0.394	-0.002	-0.898	0.675	0.906	CE(22:4)	Cholesterol Ester	CE Ester
AL	C-peptide	id_042	0.310	-7.482	7.104	0.986	25.337	-30.081	84.364	0.412	25.647	-30.591	87.413	0.412	0.012	-0.838	0.600	0.954	CE(22:5)	Cholesterol Ester	CE Ester
AL	C-peptide	id_043	-1.232	-10.820	7.458	0.812	26.879	-36.543	89.124	0.378	25.647	-35.514	86.877	0.400	-0.048	-1.124	1.212	0.916	CE(22:6)	Cholesterol Ester	CE Ester
AL	C-peptide	id_044	5.615	-8.612	16.251	0.354	20.032	-35.666	78.315	0.500	25.647	-30.670	83.308	0.386	0.219	-2.353	1.983	0.544	CE(24:0)	Cholesterol Ester	CE Ester
AL	C-peptide	id_045	13.490	-2.042	30.260	0.066	12.157	-47.575	72.070	0.698	25.647	-37.331	86.579	0.396	0.526	-3.267	3.503	0.394	CE(24:1)	Cholesterol Ester	CE Ester
AL	C-peptide	id_046	-0.746	-9.708	8.112	0.858	26.393	-34.946	86.454	0.410	25.647	-34.249	86.640	0.406	-0.029	-0.988	1.032	0.940	) CER(14:0)	Sphingolipids	Ceramide
AL	C-peptide	id_047	0.203	-5.221	10.860	0.882	25.444	-37.279	81.822	0.386	25.647	-33.144	82.154	0.372	0.008	-0.474	0.674	0.890	) CER(16:0)	Sphingolipids	Ceramide
AL	C-peptide	id_048	2.168	-12.207	19.360	0.760	23.479	-37.144	78.785	0.484	25.647	-34.016	84.342	0.434	0.085	-1.788	1.996	0.786	) CER(18:0)	Sphingolipids	Ceramide
AL	C-peptide	id_049	-0.742	-8.897	7.266	0.876	26.389	-34.353	84.977	0.392	25.647	-33.675	83.088	0.388	-0.029	-0.806	1.066	0.904	) CER(18:1)	Sphingolipids	Ceramide
AL	C-peptide	id_050	2.088	-10.304	19.045	0.698	23.559	-35.191	82.871	0.430	25.647	-32.993	87.775	0.376	0.081	-1.326	2.216	0.766	) CER(20:0)	Sphingolipids	Ceramide
AL	C-peptide	id_051	-4.050	-17.252	8.043	0.486	29.697	-31.622	89.890	0.356	25.647	-35.830	85.783	0.424	-0.158	-2.643	1.923	0.770	) CER(20:1)	Sphingolipids	Ceramide
AL	C-peptide	id_052	1.655	-17.082	24.495	0.878	23.993	-37.201	79.753	0.444	25.647	-39.299	85.733	0.412	0.065	-2.262	3.362	0.770	) CER(22:0)	Sphingolipids	Ceramide
AL	C-peptide	id_053	-4.746	-18.618	13.587	0.616	30.393	-27.588	88.955	0.302	25.647	-29.991	83.097	0.364	-0.185	-2.253	2.196	0.816	) CER(22:1)	Sphingolipids	Ceramide

AL	C-peptide	id_054	-1.397	-13.851	17.020	0.848	27.045	-30.327	85.698	0.376	25.647	-32.066	82.993	0.394	-0.054	-2.890	1.379	0.934	CER(24:0 Sphingolipid s	Ceramide
AL	C-peptide	id_055	0.940	-9.439	17.813	0.856	24.707	-36.629	85.606	0.466	25.647	-35.779	87.088	0.424	0.037	-1.385	1.381	0.856	CER(24:1 Sphingolipid s	Ceramide
AL	C-peptide	id_057	-2.329	-13.977	6.740	0.676	27.976	-32.508	84.433	0.376	25.647	-34.727	83.172	0.406	-0.091	-1.572	1.368	0.866	CER(26:1 Sphingolipid s	Ceramide
AL	C-peptide	id_116	0.144	-15.064	3.967	0.644	25.503	-31.554	84.504	0.338	25.647	-33.694	84.063	0.372	0.006	-2.099	0.761	0.776	DCER(14 Sphingolipid s	Dihydroceramide
AL	C-peptide	id_117	1.093	-6.733	14.099	0.756	24.554	-36.922	79.132	0.426	25.647	-33.360	83.444	0.390	0.043	-1.516	1.338	0.858	DCER(16 Sphingolipid s	Dihydroceramide
AL	C-peptide	id_118	-1.527	-13.886	13.824	0.836	27.174	-29.989	82.954	0.380	25.647	-30.684	82.992	0.382	-0.060	-1.424	2.043	0.938	DCER(18 Sphingolipid s	Dihydroceramide
AL	C-peptide	id_119	3.790	-12.539	29.531	0.716	21.857	-32.893	77.052	0.482	25.647	-30.455	84.731	0.382	0.148	-1.839	2.894	0.694	DCER(18 Sphingolipid s	Dihydroceramide
AL	C-peptide	id_120	-1.169	-15.145	16.603	0.876	26.816	-34.241	84.998	0.412	25.647	-33.658	86.019	0.412	-0.046	-1.858	2.209	0.988	DCER(20 Sphingolipid s	Dihydroceramide
AL	C-peptide	id_121	-0.571	-17.237	15.025	0.958	26.218	-28.959	85.505	0.378	25.647	-30.884	86.217	0.386	-0.022	-2.151	1.721	0.924	DCER(20 Sphingolipid s	Dihydroceramide
AL	C-peptide	id_122	-2.048	-21.420	20.111	0.860	27.695	-31.316	85.921	0.374	25.647	-34.328	88.283	0.406	-0.080	-2.786	3.152	0.926	DCER(22 Sphingolipid s	Dihydroceramide
AL	C-peptide	id_123	0.684	-12.966	12.578	0.950	24.963	-34.020	82.489	0.392	25.647	-35.720	82.203	0.406	0.027	-1.269	1.289	0.868	DCER(22 Sphingolipid s	Dihydroceramide
AL	C-peptide	id_124	-2.147	-12.027	13.055	0.776	27.794	-35.106	84.172	0.406	25.647	-37.244	84.062	0.402	-0.084	-1.194	1.126	0.902	DCER(22 Sphingolipid s	Dihydroceramide
AL	C-peptide	id_125	-2.149	-18.318	15.922	0.776	27.796	-37.140	86.434	0.334	25.647	-36.833	86.916	0.396	-0.084	-2.742	2.274	0.960	DCER(24 Sphingolipid s	Dihydroceramide
AL	C-peptide	id_126	-3.271	-20.145	11.657	0.664	28.918	-28.495	84.176	0.322	25.647	-32.033	84.402	0.412	-0.128	-2.670	2.434	0.888	DCER(24 Sphingolipid s	Dihydroceramide
AL	C-peptide	id_128	-0.998	-9.751	4.328	0.732	26.646	-40.620	85.348	0.334	25.647	-41.859	84.104	0.350	-0.039	-0.843	0.610	0.822	DCER(26 Sphingolipid s	Dihydroceramide
AL	C-peptide	id_129	3.030	-8.678	19.297	0.550	22.617	-34.225	84.675	0.428	25.647	-26.320	88.027	0.348	0.118	-1.612	2.203	0.658	HCER(14 Sphingolipid s	Hexosylceramide
AL	C-peptide	id_130	1.077	-8.639	11.458	0.816	24.570	-35.853	83.220	0.470	25.647	-35.731	84.872	0.430	0.042	-0.996	1.486	0.822	HCER(16 Sphingolipid s	Hexosylceramide
AL	C-peptide	id_131	2.962	-5.245	15.386	0.518	22.685	-35.931	82.559	0.456	25.647	-33.120	85.017	0.398	0.115	-1.443	1.636	0.628	HCER(18 Sphingolipid s	Hexosylceramide
AL	C-peptide	id_132	-0.255	-9.285	5.508	0.918	25.902	-28.748	91.741	0.394	25.647	-29.647	89.924	0.390	-0.010	-0.748	1.034	0.988	HCER(18 Sphingolipid s	Hexosylceramide
AL	C-peptide	id_133	5.634	-6.773	21.000	0.386	20.014	-39.010	78.192	0.468	25.647	-33.839	84.299	0.392	0.220	-1.550	2.026	0.550	HCER(20 Sphingolipid s	Hexosylceramide

AL	C-peptide	id_134	0.259	-4.750	8.207	0.880	25.388	-31.813	89.142	0.384	25.647	-31.548	89.623	0.370	0.010	-0.838	0.489	0.978	HCER(20:1)	Sphingolipids	Hexosylceramide
AL	C-peptide	id_135	2.462	-5.689	12.525	0.552	23.185	-38.470	81.182	0.486	25.647	-33.475	80.797	0.428	0.096	-1.304	1.433	0.740	HCER(22:0)	Sphingolipids	Hexosylceramide
AL	C-peptide	id_136	2.460	-5.243	13.381	0.516	23.187	-34.963	83.156	0.486	25.647	-31.701	84.906	0.434	0.096	-1.187	1.874	0.650	HCER(22:1)	Sphingolipids	Hexosylceramide
AL	C-peptide	id_137	4.867	-4.493	19.057	0.366	20.781	-37.164	81.003	0.472	25.647	-31.140	85.886	0.374	0.190	-2.035	1.986	0.572	HCER(24:0)	Sphingolipids	Hexosylceramide
AL	C-peptide	id_138	3.383	-8.397	17.124	0.568	22.264	-35.842	77.830	0.428	25.647	-32.302	83.232	0.380	0.132	-1.627	1.190	0.680	HCER(24:1)	Sphingolipids	Hexosylceramide
AL	C-peptide	id_139	0.464	-7.013	7.777	0.928	25.183	-37.765	89.521	0.378	25.647	-37.547	89.672	0.370	0.018	-0.803	0.903	0.950	HCER(26:0)	Sphingolipids	Hexosylceramide
AL	C-peptide	id_141	0.752	-10.657	8.814	0.954	24.895	-31.919	86.650	0.368	25.647	-32.471	86.022	0.386	0.029	-0.936	1.040	0.928	LCER(14:0)	Sphingolipids	Lactosylceramide
AL	C-peptide	id_142	-0.578	-15.464	14.441	0.952	26.225	-28.382	84.876	0.338	25.647	-29.412	88.442	0.332	-0.023	-1.880	1.641	0.980	LCER(16:0)	Sphingolipids	Lactosylceramide
AL	C-peptide	id_144	-1.229	-15.965	8.523	0.788	26.876	-34.814	83.585	0.370	25.647	-34.714	81.587	0.380	-0.048	-2.407	1.523	0.872	LCER(18:1)	Sphingolipids	Lactosylceramide
AL	C-peptide	id_145	0.229	-9.710	12.078	0.960	25.418	-32.934	85.727	0.380	25.647	-34.184	85.249	0.390	0.009	-0.955	1.393	0.914	LCER(20:0)	Sphingolipids	Lactosylceramide
AL	C-peptide	id_146	-0.956	-12.543	10.215	0.858	26.603	-35.019	85.480	0.354	25.647	-34.469	86.017	0.382	-0.037	-1.017	1.467	0.960	LCER(20:1)	Sphingolipids	Lactosylceramide
AL	C-peptide	id_147	4.113	-10.675	21.839	0.562	21.534	-33.736	82.666	0.434	25.647	-33.519	86.789	0.380	0.160	-3.010	1.813	0.670	LCER(22:0)	Sphingolipids	Lactosylceramide
AL	C-peptide	id_148	0.532	-6.844	10.784	0.876	25.115	-34.147	87.034	0.416	25.647	-33.230	85.271	0.406	0.021	-0.668	1.194	0.886	LCER(22:1)	Sphingolipids	Lactosylceramide
AL	C-peptide	id_149	7.480	-10.058	30.646	0.424	18.167	-39.570	72.518	0.562	25.647	-36.014	78.536	0.414	0.292	-3.351	3.277	0.550	LCER(24:0)	Sphingolipids	Lactosylceramide
AL	C-peptide	id_152	3.683	-7.672	18.278	0.586	21.964	-31.814	83.324	0.476	25.647	-29.380	87.555	0.416	0.144	-1.753	2.701	0.714	LCER(26:1)	Sphingolipids	Lactosylceramide
AL	C-peptide	id_154	1.434	-5.791	16.373	0.658	24.213	-42.516	83.483	0.490	25.647	-37.312	83.845	0.446	0.056	-1.682	1.675	0.772	LPC(15:0)	Lysophosphatidylcholine	LPC Ester
AL	C-peptide	id_157	2.798	-15.449	20.552	0.776	22.849	-31.707	80.954	0.448	25.647	-33.393	83.499	0.416	0.109	-1.816	2.642	0.784	LPC(17:0)	Lysophosphatidylcholine	LPC Ester
AL	C-peptide	id_170	3.722	-9.853	28.353	0.590	21.925	-38.176	75.384	0.478	25.647	-31.170	83.059	0.402	0.145	-2.270	2.924	0.684	LPC(22:6)	Lysophosphatidylcholine	LPC Ester

																		Lysophospha		
																		LPE(20:4	tidylethanol	
AL	C-peptide	id_181	-0.835	-9.645	6.946	0.822	26.482	-37.873	87.142	0.386	25.647	-37.880	85.932	0.396	-0.033	-0.946	0.940	0.890)	amine	LPE Ester
AL	C-peptide	id_186	-0.211	-5.974	7.604	0.950	25.859	-41.102	81.994	0.404	25.647	-39.488	81.680	0.394	-0.008	-0.783	0.745	0.956 0)	MAG	Ester
AL	C-peptide	id_188	2.507	-10.472	14.613	0.712	23.140	-33.773	83.862	0.454	25.647	-32.695	83.673	0.410	0.098	-1.074	2.064	0.774 1)	MAG	Ester
AL	C-peptide	id_189	-0.233	-6.381	7.111	0.966	25.880	-37.083	84.943	0.422	25.647	-35.269	84.409	0.418	-0.009	-0.845	0.924	0.972 0)	MAG	Ester
AL	C-peptide	id_195	0.072	-7.976	7.234	0.928	25.575	-34.263	81.992	0.396	25.647	-32.895	81.839	0.418	0.003	-0.922	0.674	0.994 2)	MAG	Ester
AL	C-peptide	id_203	1.776	-4.343	12.765	0.616	23.871	-35.410	84.946	0.400	25.647	-33.302	86.793	0.366	0.069	-0.998	1.155	0.718 5)	MAG	Ester
AL	C-peptide	id_204	-0.191	-9.786	7.002	0.886	25.838	-31.524	85.055	0.376	25.647	-34.669	84.057	0.376	-0.007	-1.062	0.786	0.954 0)	MAG	Ester
AL	C-peptide	id_205	-0.949	-10.116	9.399	0.862	26.596	-30.637	85.999	0.404	25.647	-31.790	84.740	0.394	-0.037	-1.119	1.121	0.952 1)	MAG	Ester
AL	C-peptide	id_208	-0.487	-8.113	4.837	0.776	26.134	-37.994	87.711	0.392	25.647	-37.927	86.513	0.406	-0.019	-1.123	0.919	0.818 5)	MAG	Ester
AL	C-peptide	id_209	0.565	-8.717	7.683	0.976	25.082	-29.135	85.104	0.348	25.647	-30.234	84.395	0.352	0.022	-0.618	1.043	0.884 6)	MAG	Ester
AL	C-peptide	id_228	-1.083	-10.126	7.230	0.858	26.730	-34.617	89.372	0.364	25.647	-33.880	87.150	0.386	-0.042	-0.945	1.222	PC(15:0/ 18:2)	Phosphatidyl choline	PC Ester
AL	C-peptide	id_230	-2.770	-13.211	5.740	0.554	28.417	-29.162	81.714	0.362	25.647	-31.664	80.432	0.418	-0.108	-1.294	1.303	PC(15:0/ 20:4)	Phosphatidyl choline	PC Ester
AL	C-peptide	id_241	-1.259	-12.982	8.426	0.764	26.906	-26.086	89.575	0.358	25.647	-28.495	88.276	0.360	-0.049	-1.207	1.472	PC(16:0/ 18:2)	Phosphatidyl choline	PC Ester
AL	C-peptide	id_254	0.074	-6.240	8.170	0.894	25.573	-41.160	79.180	0.436	25.647	-39.898	80.960	0.426	0.003	-0.632	0.967	PC(17:0/ 18:2)	Phosphatidyl choline	PC Ester
AL	C-peptide	id_257	0.437	-6.362	7.447	0.934	25.210	-34.753	85.838	0.384	25.647	-34.234	84.920	0.374	0.017	-0.590	0.670	PC(17:0/ 20:4)	Phosphatidyl choline	PC Ester
AL	C-peptide	id_272	1.181	-6.860	12.753	0.742	24.466	-39.721	82.824	0.478	25.647	-35.352	85.745	0.448	0.046	-0.832	1.219	PC(18:0/ 20:4)	Phosphatidyl choline	PC Ester
AL	C-peptide	id_279	-0.002	-6.656	6.530	0.972	25.649	-36.750	87.531	0.406	25.647	-34.453	88.875	0.398	0.000	-0.867	0.647	PC(18:0/ 18:2)	Phosphatidyl choline	PC Ester
AL	C-peptide	id_283	-8.093	-29.081	2.740	0.182	33.740	-28.082	92.799	0.326	25.647	-36.734	84.617	0.460	-0.316	-3.459	3.596	PC(18:1/ 20:3)	Phosphatidyl choline	PC Ester
AL	C-peptide	id_284	-0.309	-7.277	6.041	0.918	25.956	-35.125	87.477	0.384	25.647	-35.785	85.785	0.398	-0.012	-0.698	0.961	PC(18:1/ 20:4)	Phosphatidyl choline	PC Ester
AL	C-peptide	id_289	-2.638	-12.101	4.226	0.534	28.285	-34.673	94.179	0.378	25.647	-36.659	92.000	0.420	-0.103	-1.532	1.078	PC(18:2/ 16:1)	Phosphatidyl choline	PC Ester
AL	C-peptide	id_354	-3.782	-13.084	6.722	0.486	29.429	-30.584	83.264	0.378	25.647	-35.547	81.092	0.428	-0.147	-1.650	1.535	PE(18:1/ 22:0)	Phosphatidyl ethanolamin e	PE Ester
AL	C-peptide	id_386	-0.640	-7.763	9.985	0.990	26.287	-31.223	85.845	0.432	25.647	-32.823	83.998	0.420	-0.025	-0.877	0.701	PE(P- 16:0/18:1)	Phosphatidyl ethanolamin e	PE Plasmalogen

AL	C-peptide	id_398	2.234	-9.551	17.435	0.688	23.413	-37.812	84.656	0.418	25.647	-34.992	90.500	0.386	0.087	-1.266	1.620	0.718	PE(P-18:0/16:0)	Phosphatidylethanolamine	PE Plasmalogen
AL	C-peptide	id_405	1.296	-7.567	14.897	0.754	24.351	-36.543	80.526	0.428	25.647	-35.326	83.633	0.402	0.051	-1.240	1.255	0.848	PE(P-18:0/20:3)	Phosphatidylethanolamine	PE Plasmalogen
AL	C-peptide	id_414	-1.085	-10.721	10.787	0.842	26.732	-29.961	82.856	0.324	25.647	-31.619	81.760	0.344	-0.042	-1.012	1.276	0.950	PE(P-18:1/18:1)	Phosphatidylethanolamine	PE Plasmalogen
AL	C-peptide	id_448	3.558	-10.501	22.116	0.640	22.089	-36.853	84.725	0.494	25.647	-33.773	86.121	0.400	0.139	-2.274	2.464	0.732	SM(14:0)	Sphingolipids	Sphingomyelin
AL	C-peptide	id_449	-0.790	-8.647	6.614	0.836	26.437	-36.576	83.656	0.414	25.647	-37.666	83.097	0.426	-0.031	-1.073	0.726	0.886	SM(16:0)	Sphingolipids	Sphingomyelin
AL	C-peptide	id_450	0.484	-4.386	8.391	0.802	25.163	-35.258	87.805	0.416	25.647	-35.256	87.803	0.400	0.019	-0.608	0.656	0.894	SM(18:0)	Sphingolipids	Sphingomyelin
AL	C-peptide	id_451	1.074	-5.566	9.973	0.794	24.573	-35.264	87.461	0.420	25.647	-34.930	88.898	0.404	0.042	-0.773	0.782	0.838	SM(18:1)	Sphingolipids	Sphingomyelin
AL	C-peptide	id_452	0.357	-16.138	15.629	0.930	25.290	-34.509	82.271	0.384	25.647	-34.057	81.560	0.364	0.014	-1.914	2.280	0.826	SM(20:0)	Sphingolipids	Sphingomyelin
AL	C-peptide	id_453	0.262	-8.403	9.759	0.964	25.385	-33.862	81.885	0.394	25.647	-36.326	81.811	0.392	0.010	-0.816	0.995	0.920	SM(20:1)	Sphingolipids	Sphingomyelin
AL	C-peptide	id_454	1.748	-13.084	19.925	0.784	23.899	-36.266	81.858	0.480	25.647	-33.839	87.328	0.436	0.068	-2.109	2.662	0.772	SM(22:0)	Sphingolipids	Sphingomyelin
AL	C-peptide	id_455	1.656	-8.871	14.282	0.746	23.992	-35.616	84.178	0.418	25.647	-33.417	85.548	0.370	0.065	-1.235	1.618	0.788	SM(22:1)	Sphingolipids	Sphingomyelin
AL	C-peptide	id_456	-1.621	-10.055	7.984	0.802	27.268	-32.665	85.473	0.372	25.647	-32.910	85.373	0.378	-0.063	-0.990	0.884	0.844	SM(24:0)	Sphingolipids	Sphingomyelin
AL	C-peptide	id_457	0.186	-4.771	6.584	0.874	25.461	-36.227	82.186	0.434	25.647	-34.787	81.400	0.418	0.007	-0.726	0.683	0.972	SM(24:1)	Sphingolipids	Sphingomyelin
AL	C-peptide	id_458	0.125	-5.417	7.655	0.894	25.522	-37.104	85.356	0.424	25.647	-36.656	83.639	0.414	0.005	-0.754	0.690	0.996	SM(26:0)	Sphingolipids	Sphingomyelin
AL	C-peptide	id_459	1.153	-9.544	10.528	0.794	24.495	-35.580	85.153	0.390	25.647	-34.654	86.929	0.378	0.045	-1.025	1.078	0.816	SM(26:1)	Sphingolipids	Sphingomyelin
AL	C-peptide	id_660	-1.796	-19.589	24.175	0.872	27.443	-30.526	79.623	0.386	25.647	-32.176	82.099	0.430	-0.070	-4.765	2.419	0.946	TAG51:3-FA16:0	Triacylglycerol	TAG Ester
AL	C-peptide	id_663	-2.769	-16.365	15.712	0.726	28.416	-24.620	86.178	0.338	25.647	-25.544	84.686	0.372	-0.108	-1.804	2.348	0.910	TAG51:3-FA18:1	Triacylglycerol	TAG Ester
AL	C-peptide	id_667	0.483	-17.129	24.965	0.970	25.164	-30.353	80.795	0.400	25.647	-31.823	84.934	0.414	0.019	-2.585	2.632	0.816	TAG51:4-FA16:0	Triacylglycerol	TAG Ester
AL	C-peptide	id_755	5.854	-5.095	24.161	0.330	19.793	-43.892	77.830	0.558	25.647	-34.923	82.675	0.420	0.228	-2.409	2.359	0.630	TAG53:3-FA18:0	Triacylglycerol	TAG Ester

AL	C-peptide	id_760	2.262	-10.893	17.797	0.662	23.385	-36.940	83.123	0.424	25.647	-35.074	88.287	0.406	0.088	-1.368	1.619	0.720	TAG53:4- Triacylglycer	FA18:0	ol	TAG Ester
AL	C-peptide	id_761	-1.234	-12.283	13.014	0.868	26.881	-37.091	88.009	0.462	25.647	-35.680	86.014	0.456	-0.048	-2.600	1.700	0.976	TAG53:4- Triacylglycer	FA18:1	ol	TAG Ester
AL	C-peptide	id_765	2.704	-8.834	16.935	0.672	22.943	-34.508	79.798	0.464	25.647	-33.166	82.851	0.426	0.105	-1.890	1.293	0.790	TAG53:5- Triacylglycer	FA18:1	ol	TAG Ester
AL	C-peptide	id_766	-0.233	-10.403	14.879	0.990	25.880	-30.848	84.584	0.430	25.647	-31.852	86.307	0.408	-0.009	-1.421	1.360	0.906	TAG53:5- Triacylglycer	FA18:2	ol	TAG Ester
AL	C-peptide	id_769	3.677	-5.183	17.957	0.424	21.970	-37.789	78.560	0.490	25.647	-34.790	83.510	0.418	0.143	-1.663	1.593	0.622	TAG53:6- Triacylglycer	FA18:1	ol	TAG Ester
AL	C-peptide	id_770	-1.436	-15.909	15.265	0.842	27.083	-31.631	85.030	0.372	25.647	-32.032	83.295	0.410	-0.056	-1.295	1.911	1.000	TAG53:6- Triacylglycer	FA18:2	ol	TAG Ester
AL	C-peptide	id_771	-0.726	-11.942	11.619	0.906	26.373	-33.349	87.244	0.368	25.647	-31.915	87.344	0.374	-0.028	-1.251	1.038	0.984	TAG53:6- Triacylglycer	FA18:3	ol	TAG Ester
AL	C-peptide	id_773	-0.211	-4.410	7.965	0.812	25.858	-34.521	87.613	0.428	25.647	-30.685	88.336	0.404	-0.008	-0.492	0.795	0.968	TAG53:7- Triacylglycer	FA18:3	ol	TAG Ester
AL	C-peptide	id_856	-0.689	-9.837	12.093	0.892	26.337	-29.496	89.936	0.394	25.647	-30.854	88.232	0.400	-0.027	-0.974	2.011	0.992	TAG55:6- Triacylglycer	FA18:1	ol	TAG Ester
AL	C-peptide	id_857	2.368	-6.723	14.752	0.608	23.279	-37.475	81.541	0.492	25.647	-34.827	82.903	0.438	0.092	-1.396	1.780	0.722	TAG55:6- Triacylglycer	FA20:3	ol	TAG Ester
AL	C-peptide	id_860	0.994	-17.607	18.770	0.924	24.653	-31.567	85.215	0.420	25.647	-33.362	88.594	0.400	0.039	-3.696	3.455	0.828	TAG55:7- Triacylglycer	FA18:1	ol	TAG Ester
AL	C-peptide	id_861	3.260	-4.701	16.059	0.470	22.387	-38.716	84.016	0.446	25.647	-34.696	87.893	0.386	0.127	-1.387	1.323	0.652	TAG55:7- Triacylglycer	FA20:3	ol	TAG Ester
AL	C-peptide	id_862	-2.090	-13.186	7.498	0.694	27.737	-35.047	88.766	0.388	25.647	-36.636	88.053	0.422	-0.082	-0.911	1.715	0.876	TAG55:7- Triacylglycer	FA20:4	ol	TAG Ester
AL	C-peptide	id_864	0.528	-17.346	17.820	0.950	25.119	-35.099	79.876	0.412	25.647	-33.220	85.075	0.400	0.021	-2.224	2.417	0.822	TAG55:8- Triacylglycer	FA20:4	ol	TAG Ester
AL	C-peptide	id_939	1.366	-6.797	11.257	0.760	24.281	-34.556	84.977	0.440	25.647	-32.681	85.947	0.420	0.053	-1.165	0.920	0.860	TAG57:9- Triacylglycer	FA22:6	ol	TAG Ester
AL	C-peptide	id_978	-2.575	-15.697	9.718	0.716	28.222	-32.619	86.355	0.388	25.647	-32.447	83.563	0.414	-0.100	-1.243	1.210	0.834	Total CE	Neutral Complex Lipids	SUM	Cholesteryl Esters
AL	C-peptide	id_979	-0.473	-14.677	17.411	0.940	26.121	-33.948	82.524	0.378	25.647	-34.691	84.280	0.396	-0.018	-1.809	2.029	0.912	Total CER	Sphingolipid	SUM	Ceramides
AL	C-peptide	id_981	-4.302	-20.403	14.256	0.586	29.949	-29.947	85.431	0.310	25.647	-35.252	81.412	0.354	-0.168	-2.388	1.676	0.808	Total DCER	Sphingolipid	SUM	Dihydroceramides
AL	C-peptide	id_982	3.947	-4.695	15.229	0.412	21.700	-42.669	80.975	0.492	25.647	-37.928	86.137	0.420	0.154	-2.288	1.955	0.600	Total HCER	Sphingolipid	SUM	Hexosylceramides
AL	C-peptide	id_983	0.304	-16.170	17.139	0.974	25.344	-31.048	86.853	0.410	25.647	-34.058	90.348	0.402	0.012	-1.897	2.762	0.876	Total LCER	Sphingolipid	SUM	Lactosylceramides

AL	C-peptide	id_987	-2.797	-17.108	7.447	0.656	28.444	-29.192	82.569	0.300	25.647	-29.843	81.587	0.340	-0.109	-1.779	1.610	0.804	Total PC	Phospholipid SUM	Phosphatidylcholines
AL	C-peptide	id_990	0.396	-6.077	10.138	0.886	25.251	-34.060	82.942	0.362	25.647	-32.120	83.938	0.338	0.015	-0.841	0.849	0.924	Total SM	Sphingolipid SUM	Sphingomyelins
AL	C-peptide	id_039	9.547	-6.673	25.141	0.168	16.100	-41.643	75.981	0.598	25.647	-36.276	88.226	0.396	0.372	-2.573	3.222	0.416	CE(22:1)	Cholesterol Ester	CE Ester
AL	C-peptide	id_060	-2.513	-25.097	12.620	0.800	28.160	-27.583	86.217	0.326	25.647	-32.662	85.546	0.416	-0.098	-2.790	3.553	0.984	DAG(12:0/18:1)	Diacylglycerol	DAG Ester
AL	C-peptide	id_071	-3.187	-18.689	16.953	0.732	28.834	-29.520	87.273	0.356	25.647	-32.725	89.468	0.396	-0.124	-2.166	2.233	0.944	DAG(14:1/16:0)	Diacylglycerol	DAG Ester
AL	C-peptide	id_072	0.091	-7.475	7.478	0.980	25.556	-35.875	84.377	0.372	25.647	-35.747	84.606	0.374	0.004	-0.605	0.944	0.978	DAG(14:1/18:1)	Diacylglycerol	DAG Ester
AL	C-peptide	id_150	3.541	-13.729	22.567	0.716	22.106	-29.322	79.547	0.446	25.647	-28.423	87.074	0.394	0.138	-3.084	1.866	0.726	LCER(24:1)	Sphingolipids	Lactosylceramide
AL	C-peptide	id_151	-4.549	-16.226	4.922	0.364	30.196	-28.971	86.333	0.282	25.647	-30.775	82.816	0.368	-0.177	-1.582	1.766	0.596	LCER(26:0)	Sphingolipids	Lactosylceramide
AL	C-peptide	id_160	-0.466	-16.014	11.888	0.960	26.113	-35.403	85.651	0.374	25.647	-37.360	88.355	0.410	-0.018	-1.699	1.960	0.954	LPC(18:2)	Lysophosphatidylcholine	LPC Ester
AL	C-peptide	id_196	-0.962	-9.506	5.640	0.874	26.609	-31.168	90.003	0.366	25.647	-29.632	87.862	0.386	-0.037	-0.862	0.738	0.904	3)	MAG	Ester
AL	C-peptide	id_199	-5.763	-23.356	3.534	0.272	31.410	-30.651	89.190	0.334	25.647	-34.448	81.902	0.424	-0.225	-2.283	2.642	0.576	1)	MAG	Ester
AL	C-peptide	id_200	0.449	-10.020	6.953	0.986	25.198	-37.588	89.470	0.454	25.647	-38.573	85.166	0.452	0.018	-0.896	0.672	0.978	2)	MAG	Ester
AL	C-peptide	id_201	0.096	-7.647	5.061	0.900	25.551	-33.034	81.197	0.386	25.647	-33.429	81.297	0.390	0.004	-0.957	0.646	0.958	3)	MAG	Ester
AL	C-peptide	id_251	0.893	-7.167	12.063	0.820	24.754	-33.974	82.038	0.420	25.647	-34.250	82.864	0.392	0.035	-1.364	1.312	0.832	PC(16:0/22:6)	Phosphatidylcholine	PC Ester
AL	C-peptide	id_288	5.668	-4.599	20.630	0.362	19.979	-42.485	78.275	0.460	25.647	-36.861	86.651	0.350	0.221	-1.982	2.245	0.520	PC(18:1/22:6)	Phosphatidylcholine	PC Ester
AL	C-peptide	id_293	2.595	-3.949	13.564	0.498	23.052	-37.140	78.537	0.454	25.647	-33.381	80.780	0.414	0.101	-1.042	1.342	0.680	PC(18:2/20:2)	Phosphatidylcholine	PC Ester
AL	C-peptide	id_298	-0.342	-10.219	8.385	0.940	25.989	-36.744	86.211	0.456	25.647	-35.810	85.537	0.460	-0.013	-1.446	1.085	0.944	PC(18:2/22:5)	Phosphatidylcholine	PC Ester
AL	C-peptide	id_332	3.378	-5.661	15.984	0.472	22.269	-33.417	80.875	0.436	25.647	-32.693	86.831	0.368	0.132	-1.029	2.296	0.608	PE(18:0/18:0)	Phosphatidylethanolamine	PE Ester
AL	C-peptide	id_359	2.676	-7.170	17.670	0.590	22.971	-39.620	80.947	0.532	25.647	-36.016	83.470	0.448	0.104	-1.324	2.119	0.670	PE(18:2/16:1)	Phosphatidylethanolamine	PE Ester
AL	C-peptide	id_366	-0.844	-12.896	4.636	0.690	26.491	-33.984	84.311	0.376	25.647	-34.622	82.849	0.410	-0.033	-1.364	1.411	0.864	PE(O-16:0/18:2)	Phosphatidylethanolamine	PE Ether

AL	C-peptide	id_368	1.003	-7.687	9.768	0.818	24.644	-34.046	81.411	0.448	25.647	-34.033	82.322	0.432	0.039	-0.864	1.059	0.846	PE(O-16:0/20:4)	Phosphatidylethanolamine	PE Ether
AL	C-peptide	id_372	0.100	-6.243	5.693	0.974	25.547	-33.870	89.349	0.412	25.647	-33.327	87.631	0.412	0.004	-0.557	0.729	0.982	PE(O-16:0/22:6)	Phosphatidylethanolamine	PE Ether
AL	C-peptide	id_378	1.818	-8.148	12.931	0.662	23.830	-37.088	83.079	0.430	25.647	-36.215	87.701	0.384	0.071	-0.753	1.494	0.750	PE(O-18:0/20:4)	Phosphatidylethanolamine	PE Ether
AL	C-peptide	id_381	0.728	-7.436	9.828	0.808	24.919	-38.771	81.281	0.424	25.647	-37.338	83.155	0.416	0.028	-0.799	1.043	0.864	PE(O-18:0/22:5)	Phosphatidylethanolamine	PE Ether
AL	C-peptide	id_382	-1.708	-11.702	4.325	0.610	27.355	-29.109	87.428	0.374	25.647	-29.972	83.684	0.392	-0.067	-0.995	0.617	0.754	PE(O-18:0/22:6)	Phosphatidylethanolamine	PE Ether
AL	C-peptide	id_387	-2.148	-12.089	5.807	0.630	27.796	-34.733	84.526	0.358	25.647	-35.529	83.739	0.374	-0.084	-1.592	0.767	0.780	PE(P-16:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen
AL	C-peptide	id_392	-0.327	-7.901	7.705	0.906	25.974	-35.716	80.585	0.424	25.647	-36.009	79.702	0.418	-0.013	-0.715	0.847	0.976	PE(P-16:0/20:4)	Phosphatidylethanolamine	PE Plasmalogen
AL	C-peptide	id_395	1.823	-6.340	19.368	0.680	23.824	-33.001	82.603	0.466	25.647	-30.796	85.963	0.424	0.071	-0.967	1.435	0.764	PE(P-16:0/22:5)	Phosphatidylethanolamine	PE Plasmalogen
AL	C-peptide	id_396	0.019	-8.524	4.243	0.830	25.628	-26.432	84.733	0.378	25.647	-25.840	84.495	0.388	0.001	-0.734	0.899	0.886	PE(P-16:0/22:6)	Phosphatidylethanolamine	PE Plasmalogen
AL	C-peptide	id_401	0.794	-9.094	15.882	0.798	24.853	-34.022	83.851	0.418	25.647	-32.203	86.525	0.374	0.031	-0.901	1.489	0.780	PE(P-18:0/18:1)	Phosphatidylethanolamine	PE Plasmalogen
AL	C-peptide	id_402	-0.881	-8.282	9.091	0.932	26.528	-32.156	84.889	0.422	25.647	-30.335	82.820	0.420	-0.034	-0.845	0.806	0.928	PE(P-18:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen
AL	C-peptide	id_406	0.896	-7.961	10.898	0.838	24.751	-36.934	83.961	0.398	25.647	-33.465	83.460	0.394	0.035	-0.975	0.921	0.884	PE(P-18:0/20:4)	Phosphatidylethanolamine	PE Plasmalogen
AL	C-peptide	id_409	-0.086	-4.623	10.845	0.798	25.733	-34.410	87.379	0.424	25.647	-32.506	86.938	0.398	-0.003	-0.637	0.818	0.836	PE(P-18:0/22:5)	Phosphatidylethanolamine	PE Plasmalogen

AL	C-peptide	id_410	-1.745	-12.392	3.351	0.532	27.392	-32.704	91.914	0.344	25.647	-33.730	87.196	0.392	-0.068	-1.268	1.233	0.704	PE(P-18:0/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	C-peptide	id_411	0.189	-15.867	12.373	0.994	25.458	-32.999	83.152	0.404	25.647	-33.180	86.037	0.388	0.007	-1.591	2.028	0.906	PE(P-18:1/16:0)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	C-peptide	id_415	-2.489	-14.260	7.441	0.592	28.136	-33.897	86.460	0.358	25.647	-35.476	83.742	0.410	-0.097	-1.317	1.508	0.790	PE(P-18:1/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	C-peptide	id_419	-1.236	-13.480	8.850	0.792	26.883	-33.176	85.567	0.388	25.647	-33.627	84.841	0.410	-0.048	-1.500	1.430	0.866	PE(P-18:1/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	C-peptide	id_421	-3.314	-13.081	6.305	0.574	28.961	-34.215	87.602	0.410	25.647	-35.182	83.502	0.436	-0.129	-1.449	1.139	0.742	PE(P-18:1/22:4)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	C-peptide	id_422	2.389	-4.836	21.059	0.534	23.258	-37.442	80.024	0.464	25.647	-33.422	84.622	0.398	0.093	-1.426	1.595	0.676	PE(P-18:1/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	C-peptide	id_423	-0.343	-8.437	3.255	0.728	25.990	-35.151	85.128	0.418	25.647	-33.999	81.639	0.440	-0.013	-0.548	0.541	0.820	PE(P-18:1/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	C-peptide	id_424	-2.594	-13.413	7.286	0.654	28.241	-32.741	84.427	0.422	25.647	-35.433	82.814	0.450	-0.101	-1.693	1.094	0.832	PE(P-18:2/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	C-peptide	id_425	-0.299	-9.611	10.849	0.976	25.946	-37.022	89.354	0.398	25.647	-37.982	89.863	0.404	-0.012	-1.300	1.025	0.964	PE(P-18:2/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	CRP	id_023	-0.008	-0.192	0.053	0.652	-0.505	-0.866	-0.062	0.022	-0.513	-0.873	-0.133	0.008	0.016	-0.110	0.595	0.656	Cholesterol CE(15:0)	Ester	CE Ester
CR	CRP	id_024	-0.007	-0.145	0.045	0.766	-0.507	-0.892	-0.080	0.016	-0.513	-0.912	-0.116	0.008	0.013	-0.100	0.453	0.766	Cholesterol CE(16:0)	Ester	CE Ester
CR	CRP	id_026	0.022	-0.110	0.082	0.574	-0.535	-0.928	-0.144	0.016	-0.513	-0.901	-0.144	0.016	-0.043	-0.233	0.297	0.566	Cholesterol CE(17:0)	Ester	CE Ester
CR	CRP	id_027	0.044	-0.026	0.111	0.154	-0.557	-0.946	-0.174	0.006	-0.513	-0.915	-0.144	0.008	-0.086	-0.383	0.058	0.158	Cholesterol CE(18:0)	Ester	CE Ester
CR	CRP	id_028	0.016	-0.085	0.073	0.674	-0.530	-0.934	-0.129	0.006	-0.513	-0.910	-0.131	0.008	-0.031	-0.170	0.218	0.682	Cholesterol CE(18:1)	Ester	CE Ester
CR	CRP	id_029	0.002	-0.111	0.059	0.992	-0.516	-0.894	-0.130	0.010	-0.513	-0.882	-0.147	0.008	-0.005	-0.140	0.279	0.988	Cholesterol CE(18:2)	Ester	CE Ester
CR	CRP	id_033	0.029	-0.015	0.085	0.188	-0.542	-0.926	-0.163	0.006	-0.513	-0.891	-0.124	0.008	-0.056	-0.272	0.039	0.196	Cholesterol CE(20:1)	Ester	CE Ester

CR	CRP	id_034	-0.038	-0.333	0.031	0.314	-0.475	-0.811	-0.030	0.040	-0.513	-0.861	-0.159	0.010	0.074	-0.062	0.849	0.324	CE(20:2)	Cholesterol Ester	CE Ester
CR	CRP	id_035	-0.041	-0.368	0.031	0.304	-0.473	-0.839	0.046	0.066	-0.513	-0.904	-0.121	0.014	0.079	-0.083	1.151	0.314	CE(20:3)	Cholesterol Ester	CE Ester
CR	CRP	id_036	-0.035	-0.195	0.023	0.246	-0.479	-0.865	-0.063	0.028	-0.513	-0.899	-0.124	0.014	0.067	-0.054	0.546	0.256	CE(20:4)	Cholesterol Ester	CE Ester
CR	CRP	id_041	-0.003	-0.102	0.050	0.860	-0.510	-0.927	-0.148	0.010	-0.513	-0.931	-0.156	0.004	0.006	-0.116	0.256	0.860	CE(22:4)	Cholesterol Ester	CE Ester
CR	CRP	id_042	-0.001	-0.095	0.048	0.898	-0.512	-0.877	-0.136	0.012	-0.513	-0.889	-0.133	0.010	0.003	-0.130	0.200	0.896	CE(22:5)	Cholesterol Ester	CE Ester
CR	CRP	id_043	0.002	-0.020	0.042	0.716	-0.515	-0.913	-0.147	0.006	-0.513	-0.901	-0.145	0.006	-0.003	-0.113	0.050	0.710	CE(22:6)	Cholesterol Ester	CE Ester
CR	CRP	id_044	-0.001	-0.026	0.036	0.796	-0.513	-0.892	-0.125	0.012	-0.513	-0.883	-0.120	0.012	0.002	-0.089	0.066	0.792	CE(24:0)	Cholesterol Ester	CE Ester
CR	CRP	id_045	0.011	-0.015	0.056	0.462	-0.524	-0.893	-0.175	0.006	-0.513	-0.887	-0.155	0.006	-0.021	-0.152	0.035	0.460	CE(24:1)	Cholesterol Ester	CE Ester
CR	CRP	id_046	-0.010	-0.232	0.065	0.778	-0.503	-0.871	-0.072	0.022	-0.513	-0.881	-0.145	0.014	0.020	-0.156	0.639	0.780	CER(14:0)	Sphingolipids	Ceramide
CR	CRP	id_047	0.015	-0.087	0.071	0.694	-0.528	-0.937	-0.120	0.012	-0.513	-0.931	-0.135	0.008	-0.029	-0.188	0.236	0.690	CER(16:0)	Sphingolipids	Ceramide
CR	CRP	id_048	-0.042	-0.287	0.052	0.398	-0.471	-0.857	-0.019	0.038	-0.513	-0.906	-0.113	0.006	0.082	-0.107	0.840	0.404	CER(18:0)	Sphingolipids	Ceramide
CR	CRP	id_049	-0.029	-0.286	0.043	0.424	-0.484	-0.855	-0.029	0.040	-0.513	-0.902	-0.149	0.006	0.057	-0.089	0.846	0.430	CER(18:1)	Sphingolipids	Ceramide
CR	CRP	id_050	0.009	-0.167	0.076	0.930	-0.522	-0.951	-0.096	0.008	-0.513	-0.902	-0.161	0.002	-0.018	-0.158	0.470	0.932	CER(20:0)	Sphingolipids	Ceramide
CR	CRP	id_051	-0.067	-0.327	0.003	0.072	-0.446	-0.789	-0.021	0.040	-0.513	-0.890	-0.121	0.004	0.131	-0.010	0.831	0.076	CER(20:1)	Sphingolipids	Ceramide
CR	CRP	id_052	0.039	-0.083	0.132	0.322	-0.553	-0.967	-0.141	0.016	-0.513	-0.887	-0.128	0.014	-0.077	-0.348	0.218	0.324	CER(22:0)	Sphingolipids	Ceramide
CR	CRP	id_053	-0.050	-0.456	0.043	0.322	-0.463	-0.866	0.091	0.118	-0.513	-0.913	-0.114	0.006	0.098	-0.080	1.352	0.328	CER(22:1)	Sphingolipids	Ceramide
CR	CRP	id_054	0.038	-0.046	0.117	0.268	-0.551	-0.968	-0.167	0.006	-0.513	-0.893	-0.141	0.008	-0.074	-0.302	0.144	0.276	CER(24:0)	Sphingolipids	Ceramide
CR	CRP	id_055	-0.016	-0.156	0.041	0.520	-0.497	-0.883	-0.120	0.014	-0.513	-0.904	-0.146	0.004	0.032	-0.087	0.436	0.524	CER(24:1)	Sphingolipids	Ceramide
CR	CRP	id_057	-0.027	-0.098	0.040	0.410	-0.486	-0.879	-0.088	0.016	-0.513	-0.903	-0.112	0.014	0.053	-0.108	0.279	0.424	CER(26:1)	Sphingolipids	Ceramide
CR	CRP	id_116	-0.001	-0.122	0.068	0.906	-0.512	-0.892	-0.120	0.012	-0.513	-0.887	-0.117	0.012	0.003	-0.184	0.283	0.910	DCER(14:0)	Sphingolipids	Dihydroceramide

CR	CRP	id_117	-0.004	-0.105	0.046	0.902	-0.510	-0.918	-0.099	0.018	-0.513	-0.913	-0.116	0.008	0.007	-0.108	0.327	0.910	DCER(16 :0)	Sphingolipids	Dihydroceramide
CR	CRP	id_118	-0.010	-0.104	0.039	0.692	-0.503	-0.890	-0.124	0.016	-0.513	-0.888	-0.127	0.012	0.020	-0.091	0.271	0.700	DCER(18 :0)	Sphingolipids	Dihydroceramide
CR	CRP	id_119	-0.004	-0.057	0.059	0.912	-0.509	-0.908	-0.138	0.006	-0.513	-0.900	-0.132	0.006	0.009	-0.139	0.125	0.914	DCER(18 :1)	Sphingolipids	Dihydroceramide
CR	CRP	id_120	-0.003	-0.154	0.044	0.906	-0.510	-0.897	-0.075	0.018	-0.513	-0.894	-0.134	0.008	0.006	-0.112	0.471	0.910	DCER(20 :0)	Sphingolipids	Dihydroceramide
CR	CRP	id_121	-0.011	-0.111	0.045	0.682	-0.503	-0.890	-0.116	0.006	-0.513	-0.916	-0.137	0.006	0.021	-0.102	0.260	0.680	DCER(20 :1)	Sphingolipids	Dihydroceramide
CR	CRP	id_122	0.000	-0.218	0.065	0.934	-0.513	-0.924	-0.090	0.018	-0.513	-0.927	-0.159	0.006	0.000	-0.145	0.612	0.928	DCER(22 :0)	Sphingolipids	Dihydroceramide
CR	CRP	id_123	0.000	-0.129	0.044	0.988	-0.513	-0.868	-0.106	0.012	-0.513	-0.886	-0.116	0.010	0.001	-0.135	0.292	0.986	DCER(22 :1)	Sphingolipids	Dihydroceramide
CR	CRP	id_124	0.016	-0.075	0.067	0.614	-0.529	-0.901	-0.170	0.004	-0.513	-0.891	-0.175	0.010	-0.031	-0.173	0.193	0.624	DCER(22 :2)	Sphingolipids	Dihydroceramide
CR	CRP	id_125	0.022	-0.096	0.075	0.562	-0.536	-0.939	-0.123	0.014	-0.513	-0.919	-0.133	0.012	-0.043	-0.206	0.235	0.562	DCER(24 :0)	Sphingolipids	Dihydroceramide
CR	CRP	id_126	-0.010	-0.222	0.039	0.554	-0.503	-0.868	-0.072	0.024	-0.513	-0.919	-0.121	0.016	0.020	-0.102	0.573	0.566	DCER(24 :1)	Sphingolipids	Dihydroceramide
CR	CRP	id_128	0.008	-0.016	0.053	0.410	-0.521	-0.871	-0.145	0.018	-0.513	-0.856	-0.125	0.020	-0.015	-0.142	0.039	0.426	DCER(26 :1)	Sphingolipids	Dihydroceramide
CR	CRP	id_129	-0.007	-0.112	0.043	0.784	-0.506	-0.904	-0.149	0.012	-0.513	-0.913	-0.162	0.012	0.015	-0.110	0.218	0.776	HCER(14 :0)	Sphingolipids	Hexosylceramide
CR	CRP	id_130	0.011	-0.060	0.060	0.652	-0.524	-0.890	-0.126	0.006	-0.513	-0.881	-0.128	0.008	-0.021	-0.163	0.165	0.656	HCER(16 :0)	Sphingolipids	Hexosylceramide
CR	CRP	id_131	0.019	-0.023	0.070	0.348	-0.532	-0.887	-0.170	0.010	-0.513	-0.866	-0.143	0.014	-0.037	-0.202	0.050	0.362	HCER(18 :0)	Sphingolipids	Hexosylceramide
CR	CRP	id_132	-0.017	-0.178	0.046	0.538	-0.496	-0.871	-0.065	0.034	-0.513	-0.899	-0.102	0.022	0.033	-0.113	0.426	0.544	HCER(18 :1)	Sphingolipids	Hexosylceramide
CR	CRP	id_133	0.029	-0.022	0.083	0.252	-0.543	-0.918	-0.152	0.006	-0.513	-0.901	-0.128	0.010	-0.057	-0.291	0.049	0.262	HCER(20 :0)	Sphingolipids	Hexosylceramide
CR	CRP	id_134	-0.041	-0.217	0.024	0.204	-0.472	-0.854	-0.067	0.022	-0.513	-0.917	-0.109	0.004	0.080	-0.055	0.552	0.208	HCER(20 :1)	Sphingolipids	Hexosylceramide
CR	CRP	id_135	0.052	-0.011	0.118	0.096	-0.565	-0.945	-0.169	0.006	-0.513	-0.893	-0.121	0.012	-0.101	-0.520	0.033	0.108	HCER(22 :0)	Sphingolipids	Hexosylceramide
CR	CRP	id_136	-0.037	-0.170	0.022	0.224	-0.477	-0.858	-0.077	0.026	-0.513	-0.907	-0.134	0.014	0.071	-0.053	0.488	0.238	HCER(22 :1)	Sphingolipids	Hexosylceramide
CR	CRP	id_137	0.045	-0.026	0.103	0.158	-0.559	-0.930	-0.182	0.004	-0.513	-0.887	-0.140	0.002	-0.089	-0.438	0.045	0.160	HCER(24 :0)	Sphingolipids	Hexosylceramide

CR	CRP	id_138	0.002	-0.027	0.045	0.806	-0.515	-0.913	-0.153	0.008	-0.513	-0.915	-0.148	0.010	-0.004	-0.110	0.062	0.808	HCER(24:1)	Sphingolipids	Hexosylceramide
CR	CRP	id_139	0.010	-0.025	0.056	0.492	-0.523	-0.931	-0.127	0.012	-0.513	-0.917	-0.134	0.014	-0.019	-0.145	0.073	0.498	HCER(26:0)	Sphingolipids	Hexosylceramide
CR	CRP	id_141	-0.001	-0.020	0.051	0.794	-0.513	-0.902	-0.144	0.004	-0.513	-0.896	-0.143	0.002	0.001	-0.142	0.057	0.792	LCER(14:0)	Sphingolipids	Lactosylceramide
CR	CRP	id_142	-0.003	-0.038	0.060	0.968	-0.511	-0.896	-0.125	0.008	-0.513	-0.886	-0.123	0.008	0.005	-0.134	0.132	0.968	LCER(16:0)	Sphingolipids	Lactosylceramide
CR	CRP	id_144	-0.002	-0.033	0.040	0.796	-0.512	-0.887	-0.147	0.000	-0.513	-0.894	-0.156	0.000	0.003	-0.089	0.077	0.796	LCER(18:1)	Sphingolipids	Lactosylceramide
CR	CRP	id_145	-0.014	-0.077	0.040	0.584	-0.499	-0.895	-0.098	0.006	-0.513	-0.908	-0.119	0.008	0.028	-0.083	0.233	0.580	LCER(20:0)	Sphingolipids	Lactosylceramide
CR	CRP	id_146	-0.003	-0.027	0.058	0.904	-0.510	-0.910	-0.146	0.004	-0.513	-0.904	-0.135	0.006	0.006	-0.139	0.079	0.906	LCER(20:1)	Sphingolipids	Lactosylceramide
CR	CRP	id_147	0.006	-0.022	0.050	0.650	-0.520	-0.933	-0.127	0.008	-0.513	-0.919	-0.125	0.010	-0.012	-0.124	0.052	0.648	LCER(22:0)	Sphingolipids	Lactosylceramide
CR	CRP	id_148	-0.002	-0.036	0.036	0.984	-0.511	-0.895	-0.119	0.010	-0.513	-0.880	-0.129	0.010	0.004	-0.086	0.102	0.974	LCER(22:1)	Sphingolipids	Lactosylceramide
CR	CRP	id_149	-0.026	-0.118	0.056	0.460	-0.488	-0.874	-0.127	0.002	-0.513	-0.913	-0.154	0.006	0.050	-0.155	0.276	0.458	LCER(24:0)	Sphingolipids	Lactosylceramide
CR	CRP	id_152	0.001	-0.023	0.041	0.798	-0.515	-0.906	-0.168	0.004	-0.513	-0.898	-0.174	0.008	-0.002	-0.097	0.062	0.806	LCER(26:1)	Sphingolipids	Lactosylceramide
CR	CRP	id_154	0.043	0.012	0.151	0.022	-0.557	-0.959	-0.167	0.006	-0.513	-0.898	-0.102	0.008	-0.085	-0.513	-0.014	0.030	LPC(15:0)	Lysophosphatidylcholine	LPC Ester
CR	CRP	id_157	0.058	-0.065	0.146	0.204	-0.571	-0.961	-0.184	0.004	-0.513	-0.909	-0.126	0.008	-0.113	-0.634	0.132	0.212	LPC(17:0)	Lysophosphatidylcholine	LPC Ester
CR	CRP	id_170	-0.003	-0.142	0.085	0.890	-0.510	-0.871	-0.153	0.008	-0.513	-0.898	-0.157	0.008	0.006	-0.281	0.312	0.882	LPC(22:6)	Lysophosphatidylcholine	LPC Ester
CR	CRP	id_181	0.045	-0.005	0.113	0.096	-0.558	-0.943	-0.187	0.008	-0.513	-0.900	-0.143	0.012	-0.088	-0.363	0.013	0.104	LPE(20:4)	Lysophosphatidylethanolamine	LPE Ester
CR	CRP	id_186	-0.005	-0.042	0.048	0.974	-0.508	-0.910	-0.117	0.010	-0.513	-0.909	-0.117	0.012	0.010	-0.122	0.093	0.970	0)	MAG	Ester
CR	CRP	id_188	0.001	-0.017	0.049	0.648	-0.514	-0.879	-0.122	0.008	-0.513	-0.873	-0.115	0.008	-0.002	-0.149	0.042	0.648	1)	MAG	Ester
CR	CRP	id_189	-0.005	-0.040	0.051	0.946	-0.509	-0.895	-0.137	0.016	-0.513	-0.902	-0.133	0.016	0.009	-0.143	0.102	0.946	0)	MAG	Ester
CR	CRP	id_195	0.027	-0.026	0.072	0.216	-0.541	-0.925	-0.149	0.008	-0.513	-0.897	-0.127	0.010	-0.053	-0.235	0.055	0.222	2)	MAG	Ester
CR	CRP	id_203	0.000	-0.008	0.114	0.506	-0.513	-0.934	-0.147	0.000	-0.513	-0.898	-0.138	0.000	0.000	-0.264	0.021	0.506	5)	MAG	Ester

CR	CRP	id_204	-0.002	-0.066	0.043	0.914	-0.511	-0.883	-0.132	0.006	-0.513	-0.887	-0.127	0.006	0.004	-0.142	0.147	0.916	0)	MAG	Ester
CR	CRP	id_205	0.001	-0.063	0.047	0.898	-0.514	-0.888	-0.159	0.008	-0.513	-0.889	-0.153	0.006	-0.002	-0.137	0.162	0.896	1)	MAG	Ester
CR	CRP	id_208	0.009	-0.035	0.050	0.594	-0.522	-0.909	-0.147	0.012	-0.513	-0.905	-0.128	0.010	-0.017	-0.129	0.080	0.600	5)	MAG	Ester
CR	CRP	id_209	-0.001	-0.022	0.072	0.688	-0.512	-0.901	-0.156	0.004	-0.513	-0.891	-0.137	0.004	0.002	-0.176	0.050	0.692	6)	MAG	Ester
CR	CRP	id_228	-0.037	-0.201	0.023	0.248	-0.476	-0.857	-0.070	0.020	-0.513	-0.894	-0.126	0.012	0.072	-0.049	0.511	0.260	PC(15:0/18:2)	Phosphatidyl choline	PC Ester
CR	CRP	id_230	-0.036	-0.144	0.042	0.242	-0.478	-0.884	-0.101	0.012	-0.513	-0.909	-0.144	0.004	0.070	-0.114	0.405	0.246	PC(15:0/20:4)	Phosphatidyl choline	PC Ester
CR	CRP	id_241	-0.023	-0.139	0.033	0.430	-0.490	-0.862	-0.124	0.008	-0.513	-0.886	-0.167	0.002	0.045	-0.076	0.350	0.432	PC(16:0/18:2)	Phosphatidyl choline	PC Ester
CR	CRP	id_254	0.012	-0.058	0.059	0.654	-0.526	-0.917	-0.135	0.008	-0.513	-0.917	-0.140	0.010	-0.024	-0.147	0.161	0.660	PC(17:0/18:2)	Phosphatidyl choline	PC Ester
CR	CRP	id_257	-0.009	-0.100	0.044	0.714	-0.504	-0.863	-0.088	0.020	-0.513	-0.882	-0.103	0.016	0.018	-0.109	0.252	0.722	PC(17:0/20:4)	Phosphatidyl choline	PC Ester
CR	CRP	id_272	0.001	-0.111	0.067	0.990	-0.514	-0.910	-0.098	0.016	-0.513	-0.891	-0.137	0.008	-0.002	-0.159	0.325	0.990	PC(18:0/20:4)	Phosphatidyl choline	PC Ester
CR	CRP	id_279	0.039	-0.022	0.095	0.180	-0.552	-0.916	-0.172	0.004	-0.513	-0.881	-0.115	0.008	-0.076	-0.351	0.050	0.188	PC(18:1/18:2)	Phosphatidyl choline	PC Ester
CR	CRP	id_283	-0.034	-0.339	0.046	0.420	-0.479	-0.887	-0.013	0.038	-0.513	-0.931	-0.149	0.010	0.067	-0.098	0.871	0.422	PC(18:1/20:3)	Phosphatidyl choline	PC Ester
CR	CRP	id_284	-0.013	-0.112	0.046	0.564	-0.500	-0.879	-0.138	0.006	-0.513	-0.879	-0.162	0.000	0.025	-0.096	0.292	0.564	PC(18:1/20:4)	Phosphatidyl choline	PC Ester
CR	CRP	id_289	-0.021	-0.203	0.045	0.528	-0.492	-0.867	-0.071	0.028	-0.513	-0.889	-0.121	0.012	0.041	-0.119	0.585	0.532	PC(18:2/16:1)	Phosphatidyl choline	PC Ester
CR	CRP	id_354	0.006	-0.117	0.074	0.988	-0.519	-0.892	-0.126	0.004	-0.513	-0.897	-0.123	0.008	-0.011	-0.242	0.263	0.996	PE(18:1/22:0)	Phosphatidyl ethanolamine	PE Ester
CR	CRP	id_386	0.005	-0.109	0.080	0.952	-0.519	-0.928	-0.117	0.016	-0.513	-0.902	-0.137	0.008	-0.011	-0.188	0.342	0.948	PE(P-16:0/18:1)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	CRP	id_398	0.039	-0.026	0.100	0.168	-0.552	-0.957	-0.175	0.002	-0.513	-0.900	-0.133	0.004	-0.076	-0.317	0.051	0.172	PE(P-18:0/16:0)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	CRP	id_405	0.018	-0.095	0.081	0.726	-0.531	-0.918	-0.159	0.006	-0.513	-0.918	-0.168	0.008	-0.035	-0.224	0.237	0.734	PE(P-18:0/20:3)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	CRP	id_414	0.040	-0.020	0.120	0.190	-0.553	-0.919	-0.169	0.010	-0.513	-0.859	-0.125	0.010	-0.078	-0.388	0.054	0.192	PE(P-18:1/18:1)	Phosphatidyl ethanolamine	PE Plasmalogen

CR	CRP	id_448	-0.013	-0.234	0.055	0.720	-0.500	-0.842	-0.052	0.026	-0.513	-0.866	-0.134	0.010	0.026	-0.121	0.635	0.718	SM(14:0)	Sphingolipid s	Sphingomyelin
CR	CRP	id_449	0.013	-0.060	0.061	0.558	-0.526	-0.906	-0.130	0.004	-0.513	-0.887	-0.133	0.004	-0.025	-0.173	0.145	0.558	SM(16:0)	Sphingolipid s	Sphingomyelin
CR	CRP	id_450	-0.026	-0.241	0.040	0.404	-0.487	-0.880	-0.029	0.044	-0.513	-0.918	-0.108	0.014	0.051	-0.089	0.727	0.410	SM(18:0)	Sphingolipid s	Sphingomyelin
CR	CRP	id_451	-0.034	-0.259	0.044	0.428	-0.479	-0.854	-0.045	0.036	-0.513	-0.898	-0.127	0.012	0.066	-0.101	0.736	0.428	SM(18:1)	Sphingolipid s	Sphingomyelin
CR	CRP	id_452	-0.002	-0.179	0.060	0.856	-0.511	-0.864	-0.084	0.020	-0.513	-0.875	-0.136	0.010	0.004	-0.142	0.445	0.850	SM(20:0)	Sphingolipid s	Sphingomyelin
CR	CRP	id_453	-0.039	-0.268	0.036	0.332	-0.475	-0.860	-0.057	0.016	-0.513	-0.894	-0.165	0.004	0.076	-0.073	0.656	0.336	SM(20:1)	Sphingolipid s	Sphingomyelin
CR	CRP	id_454	0.017	-0.138	0.080	0.722	-0.530	-0.915	-0.131	0.012	-0.513	-0.885	-0.140	0.004	-0.033	-0.197	0.369	0.718	SM(22:0)	Sphingolipid s	Sphingomyelin
CR	CRP	id_455	-0.024	-0.287	0.036	0.454	-0.490	-0.822	-0.041	0.030	-0.513	-0.860	-0.137	0.004	0.046	-0.087	0.748	0.458	SM(22:1)	Sphingolipid s	Sphingomyelin
CR	CRP	id_456	-0.023	-0.167	0.030	0.428	-0.490	-0.841	-0.069	0.028	-0.513	-0.898	-0.112	0.018	0.046	-0.076	0.445	0.430	SM(24:0)	Sphingolipid s	Sphingomyelin
CR	CRP	id_457	-0.027	-0.124	0.090	0.408	-0.486	-0.891	-0.096	0.016	-0.513	-0.924	-0.108	0.020	0.052	-0.285	0.249	0.420	SM(24:1)	Sphingolipid s	Sphingomyelin
CR	CRP	id_458	0.012	-0.082	0.057	0.702	-0.525	-0.924	-0.120	0.012	-0.513	-0.914	-0.130	0.008	-0.023	-0.145	0.201	0.710	SM(26:0)	Sphingolipid s	Sphingomyelin
CR	CRP	id_459	-0.001	-0.026	0.078	0.620	-0.512	-0.907	-0.163	0.008	-0.513	-0.891	-0.155	0.008	0.002	-0.200	0.070	0.616	SM(26:1)	Sphingolipid s	Sphingomyelin
CR	CRP	id_660	0.003	-0.296	0.055	0.986	-0.516	-0.891	-0.021	0.040	-0.513	-0.910	-0.133	0.008	-0.005	-0.136	0.876	0.982	TAG51:3-FA16:0	Triacylglycerol	
CR	CRP	id_663	0.012	-0.190	0.066	0.880	-0.525	-0.909	-0.082	0.010	-0.513	-0.887	-0.155	0.002	-0.023	-0.156	0.574	0.882	TAG51:3-FA18:1	Triacylglycerol	
CR	CRP	id_667	0.010	-0.236	0.061	0.868	-0.524	-0.874	-0.039	0.030	-0.513	-0.889	-0.115	0.010	-0.020	-0.157	0.776	0.866	TAG51:4-FA16:0	Triacylglycerol	
CR	CRP	id_755	0.014	-0.060	0.053	0.558	-0.527	-0.911	-0.137	0.014	-0.513	-0.890	-0.128	0.010	-0.027	-0.170	0.177	0.568	TAG53:3-FA18:0	Triacylglycerol	
CR	CRP	id_760	0.018	-0.046	0.068	0.410	-0.531	-0.938	-0.120	0.010	-0.513	-0.917	-0.115	0.012	-0.035	-0.177	0.138	0.418	TAG53:4-FA18:0	Triacylglycerol	
CR	CRP	id_761	0.018	-0.171	0.061	0.580	-0.531	-0.915	-0.111	0.010	-0.513	-0.904	-0.141	0.004	-0.034	-0.161	0.454	0.584	TAG53:4-FA18:1	Triacylglycerol	
CR	CRP	id_765	0.015	-0.041	0.052	0.450	-0.529	-0.914	-0.142	0.010	-0.513	-0.905	-0.121	0.008	-0.030	-0.174	0.102	0.458	TAG53:5-FA18:1	Triacylglycerol	
CR	CRP	id_766	0.018	-0.105	0.057	0.646	-0.531	-0.942	-0.148	0.004	-0.513	-0.907	-0.165	0.004	-0.034	-0.155	0.285	0.646	TAG53:5-FA18:2	Triacylglycerol	

CR	CRP	id_769	0.013	-0.021	0.061	0.328	-0.526	-0.917	-0.153	0.006	-0.513	-0.889	-0.140	0.006	-0.025	-0.172	0.042	0.334	TAG53:6- Triacylglycer FA18:1 ol TAG Ester		
CR	CRP	id_770	0.015	-0.097	0.057	0.592	-0.529	-0.927	-0.124	0.012	-0.513	-0.909	-0.146	0.002	-0.030	-0.148	0.251	0.594	TAG53:6- Triacylglycer FA18:2 ol TAG Ester		
CR	CRP	id_771	0.017	-0.075	0.060	0.582	-0.530	-0.911	-0.170	0.002	-0.513	-0.890	-0.154	0.000	-0.033	-0.158	0.186	0.582	TAG53:6- Triacylglycer FA18:3 ol TAG Ester		
CR	CRP	id_773	0.016	-0.053	0.058	0.576	-0.529	-0.906	-0.167	0.010	-0.513	-0.898	-0.167	0.010	-0.031	-0.148	0.123	0.582	TAG53:7- Triacylglycer FA18:3 ol TAG Ester		
CR	CRP	id_856	0.015	-0.067	0.058	0.568	-0.528	-0.921	-0.114	0.006	-0.513	-0.912	-0.112	0.006	-0.029	-0.178	0.158	0.566	TAG55:6- Triacylglycer FA18:1 ol TAG Ester		
CR	CRP	id_857	0.012	-0.052	0.051	0.468	-0.525	-0.909	-0.173	0.008	-0.513	-0.909	-0.166	0.008	-0.024	-0.163	0.100	0.464	TAG55:6- Triacylglycer FA20:3 ol TAG Ester		
CR	CRP	id_860	0.021	-0.093	0.072	0.494	-0.534	-0.923	-0.140	0.014	-0.513	-0.901	-0.142	0.012	-0.041	-0.186	0.249	0.498	TAG55:7- Triacylglycer FA18:1 ol TAG Ester		
CR	CRP	id_861	0.011	-0.053	0.050	0.494	-0.525	-0.910	-0.130	0.010	-0.513	-0.895	-0.122	0.010	-0.022	-0.162	0.119	0.500	TAG55:7- Triacylglycer FA20:3 ol TAG Ester		
CR	CRP	id_862	0.011	-0.046	0.053	0.366	-0.524	-0.917	-0.152	0.006	-0.513	-0.899	-0.148	0.006	-0.021	-0.147	0.107	0.368	TAG55:7- Triacylglycer FA20:4 ol TAG Ester		
CR	CRP	id_864	0.009	-0.079	0.048	0.566	-0.522	-0.901	-0.125	0.008	-0.513	-0.889	-0.111	0.008	-0.017	-0.173	0.174	0.570	TAG55:8- Triacylglycer FA20:4 ol TAG Ester		
CR	CRP	id_939	0.010	-0.012	0.074	0.142	-0.523	-0.923	-0.128	0.008	-0.513	-0.912	-0.111	0.012	-0.019	-0.218	0.036	0.154	TAG57:9- Triacylglycer FA22:6 ol TAG Ester		
CR	CRP	id_978	-0.004	-0.170	0.049	0.844	-0.509	-0.894	-0.093	0.018	-0.513	-0.905	-0.141	0.014	0.008	-0.130	0.472	0.846	Neutral Complex Cholesteryl Total CE Lipids SUM Esters		
CR	CRP	id_979	0.026	-0.085	0.098	0.494	-0.539	-0.946	-0.142	0.004	-0.513	-0.894	-0.133	0.004	-0.050	-0.277	0.196	0.498	Total Sphingolipid CER SUM Ceramides		
CR	CRP	id_981	0.004	-0.198	0.053	0.998	-0.517	-0.919	-0.073	0.020	-0.513	-0.903	-0.126	0.006	-0.007	-0.127	0.610	1.000	Total Sphingolipid DCER SUM Dihydrocera mides		
CR	CRP	id_982	0.031	-0.019	0.084	0.190	-0.545	-0.931	-0.180	0.002	-0.513	-0.887	-0.143	0.010	-0.061	-0.301	0.038	0.200	Total Sphingolipid HCER SUM Hexosylcera mides		
CR	CRP	id_983	-0.006	-0.041	0.037	0.902	-0.508	-0.887	-0.132	0.006	-0.513	-0.873	-0.138	0.006	0.011	-0.092	0.124	0.908	Total Sphingolipid LCER SUM Lactosylcera mides		
CR	CRP	id_987	-0.026	-0.220	0.038	0.454	-0.487	-0.898	-0.068	0.030	-0.513	-0.937	-0.152	0.008	0.051	-0.082	0.608	0.458	Phospholipid Phosphatidyl Total PC SUM cholines		
CR	CRP	id_990	-0.004	-0.195	0.053	0.778	-0.510	-0.869	-0.105	0.018	-0.513	-0.879	-0.151	0.004	0.007	-0.106	0.512	0.778	Sphingolipid Sphingomyel Total SM SUM ins		
CR	CRP	id_039	0.000	-0.010	0.054	0.656	-0.514	-0.926	-0.117	0.008	-0.513	-0.904	-0.114	0.006	-0.001	-0.153	0.029	0.654	Cholesterol CE(22:1) Ester CE Ester		
CR	CRP	id_060	0.033	-0.046	0.083	0.290	-0.547	-0.917	-0.160	0.016	-0.513	-0.871	-0.146	0.014	-0.065	-0.284	0.135	0.296	DAG(12: Diacylglycer 0/18:1) ol DAG Ester		

CR	CRP	id_071	0.000	-0.094	0.081	0.952	-0.513	-0.923	-0.110	0.012	-0.513	-0.902	-0.140	0.010	0.001	-0.174	0.281	0.954	DAG(14:1/16:0)	Diacylglycerol	DAG Ester
CR	CRP	id_072	0.019	-0.059	0.102	0.600	-0.533	-0.891	-0.178	0.014	-0.513	-0.890	-0.164	0.016	-0.038	-0.344	0.116	0.604	DAG(14:1/18:1)	Diacylglycerol	DAG Ester
CR	CRP	id_150	-0.077	-0.178	0.009	0.070	-0.437	-0.789	-0.060	0.018	-0.513	-0.873	-0.118	0.006	0.149	-0.017	0.548	0.072	LCER(24:1)	Sphingolipids	Lactosylceramide
CR	CRP	id_151	-0.011	-0.060	0.029	0.636	-0.503	-0.888	-0.105	0.016	-0.513	-0.918	-0.114	0.014	0.021	-0.076	0.163	0.650	LCER(26:0)	Sphingolipids	Lactosylceramide
CR	CRP	id_160	0.032	-0.174	0.117	0.684	-0.545	-0.890	-0.154	0.006	-0.513	-0.891	-0.121	0.010	-0.063	-0.579	0.314	0.694	LPC(18:2)	Lysophosphatidylcholine	LPC Ester
CR	CRP	id_196	0.008	-0.078	0.057	0.874	-0.522	-0.928	-0.118	0.010	-0.513	-0.915	-0.145	0.008	-0.017	-0.144	0.242	0.878	3)	MAG	Ester
CR	CRP	id_199	-0.003	-0.040	0.042	0.894	-0.511	-0.931	-0.139	0.012	-0.513	-0.926	-0.143	0.012	0.005	-0.105	0.089	0.890	1)	MAG	Ester
CR	CRP	id_200	0.001	-0.060	0.056	0.936	-0.515	-0.897	-0.135	0.004	-0.513	-0.897	-0.136	0.004	-0.002	-0.134	0.144	0.932	2)	MAG	Ester
CR	CRP	id_201	-0.010	-0.080	0.042	0.710	-0.503	-0.896	-0.123	0.010	-0.513	-0.908	-0.132	0.006	0.019	-0.090	0.225	0.712	3)	MAG	Ester
CR	CRP	id_251	-0.001	-0.032	0.038	0.964	-0.512	-0.884	-0.122	0.008	-0.513	-0.889	-0.124	0.008	0.002	-0.104	0.091	0.956	PC(16:0/22:6)	Phosphatidylcholine	PC Ester
CR	CRP	id_288	0.012	-0.024	0.058	0.542	-0.525	-0.913	-0.145	0.008	-0.513	-0.893	-0.130	0.008	-0.023	-0.167	0.056	0.546	PC(18:1/22:6)	Phosphatidylcholine	PC Ester
CR	CRP	id_293	-0.011	-0.083	0.050	0.694	-0.502	-0.878	-0.088	0.016	-0.513	-0.877	-0.130	0.012	0.022	-0.106	0.292	0.698	PC(18:2/20:2)	Phosphatidylcholine	PC Ester
CR	CRP	id_298	0.020	-0.021	0.069	0.364	-0.533	-0.902	-0.173	0.008	-0.513	-0.881	-0.154	0.008	-0.038	-0.213	0.050	0.372	PC(18:2/22:5)	Phosphatidylcholine	PC Ester
CR	CRP	id_332	-0.022	-0.080	0.041	0.458	-0.491	-0.910	-0.125	0.014	-0.513	-0.920	-0.134	0.010	0.044	-0.105	0.206	0.464	PE(18:0/18:0)	Phosphatidylethanolamine	PE Ester
CR	CRP	id_359	-0.004	-0.053	0.041	0.924	-0.509	-0.853	-0.138	0.010	-0.513	-0.860	-0.144	0.010	0.009	-0.106	0.124	0.926	PE(18:2/16:1)	Phosphatidylethanolamine	PE Ester
CR	CRP	id_366	0.014	-0.033	0.086	0.540	-0.527	-0.925	-0.138	0.008	-0.513	-0.887	-0.131	0.008	-0.027	-0.246	0.073	0.532	PE(O-16:0/18:2)	Phosphatidylethanolamine	PE Ether
CR	CRP	id_368	0.008	-0.031	0.069	0.672	-0.521	-0.894	-0.163	0.004	-0.513	-0.883	-0.147	0.006	-0.016	-0.193	0.082	0.678	PE(O-16:0/20:4)	Phosphatidylethanolamine	PE Ether
CR	CRP	id_372	-0.002	-0.029	0.051	0.802	-0.511	-0.915	-0.136	0.012	-0.513	-0.908	-0.143	0.010	0.004	-0.119	0.080	0.796	PE(O-16:0/22:6)	Phosphatidylethanolamine	PE Ether

CR	CRP	id_378	-0.002	-0.080	0.068	0.906	-0.511	-0.887	-0.125	0.008	-0.513	-0.881	-0.144	0.008	0.004	-0.178	0.185	0.910	PE(O-18:0/20:4)	Phosphatidylethanolamine	PE Ether
CR	CRP	id_381	0.081	0.009	0.175	0.036	-0.594	-0.954	-0.218	0.000	-0.513	-0.867	-0.139	0.006	-0.158	-0.642	-0.013	0.042	PE(O-18:0/22:5)	Phosphatidylethanolamine	PE Ether
CR	CRP	id_382	0.003	-0.027	0.043	0.684	-0.516	-0.926	-0.139	0.008	-0.513	-0.909	-0.133	0.010	-0.006	-0.130	0.059	0.682	PE(O-18:0/22:6)	Phosphatidylethanolamine	PE Ether
CR	CRP	id_387	0.061	-0.009	0.140	0.084	-0.575	-0.968	-0.176	0.000	-0.513	-0.891	-0.140	0.002	-0.120	-0.446	0.027	0.086	PE(P-16:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen
CR	CRP	id_392	-0.014	-0.118	0.059	0.686	-0.499	-0.865	-0.116	0.008	-0.513	-0.886	-0.137	0.006	0.028	-0.137	0.322	0.692	PE(P-16:0/20:4)	Phosphatidylethanolamine	PE Plasmalogen
CR	CRP	id_395	0.050	-0.056	0.124	0.268	-0.563	-0.950	-0.162	0.006	-0.513	-0.879	-0.134	0.012	-0.097	-0.376	0.137	0.276	PE(P-16:0/22:5)	Phosphatidylethanolamine	PE Plasmalogen
CR	CRP	id_396	-0.020	-0.080	0.054	0.486	-0.493	-0.884	-0.115	0.010	-0.513	-0.904	-0.121	0.010	0.039	-0.129	0.201	0.496	PE(P-16:0/22:6)	Phosphatidylethanolamine	PE Plasmalogen
CR	CRP	id_401	0.040	-0.015	0.111	0.172	-0.554	-0.921	-0.177	0.004	-0.513	-0.870	-0.133	0.006	-0.079	-0.399	0.042	0.178	PE(P-18:0/18:1)	Phosphatidylethanolamine	PE Plasmalogen
CR	CRP	id_402	0.070	0.005	0.165	0.028	-0.584	-0.978	-0.200	0.004	-0.513	-0.894	-0.144	0.010	-0.137	-0.605	-0.004	0.038	PE(P-18:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen
CR	CRP	id_406	-0.006	-0.071	0.060	0.850	-0.507	-0.903	-0.106	0.020	-0.513	-0.889	-0.120	0.014	0.012	-0.167	0.171	0.860	PE(P-18:0/20:4)	Phosphatidylethanolamine	PE Plasmalogen
CR	CRP	id_409	0.077	-0.008	0.163	0.086	-0.590	-0.991	-0.194	0.002	-0.513	-0.894	-0.129	0.006	-0.150	-0.587	0.030	0.092	PE(P-18:0/22:5)	Phosphatidylethanolamine	PE Plasmalogen
CR	CRP	id_410	0.002	-0.017	0.046	0.648	-0.516	-0.915	-0.143	0.008	-0.513	-0.911	-0.133	0.012	-0.004	-0.132	0.047	0.656	PE(P-18:0/22:6)	Phosphatidylethanolamine	PE Plasmalogen
CR	CRP	id_411	0.031	-0.012	0.098	0.206	-0.544	-0.926	-0.145	0.006	-0.513	-0.887	-0.127	0.012	-0.061	-0.261	0.033	0.214	PE(P-18:1/16:0)	Phosphatidylethanolamine	PE Plasmalogen

CR	CRP	id_415	0.071	0.008	0.152	0.028	-0.584	-0.970	-0.202	0.008	-0.513	-0.882	-0.144	0.014	-0.138	-0.532	-0.016	0.034	PE(P-18:1/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	CRP	id_419	0.006	-0.074	0.070	0.918	-0.520	-0.913	-0.109	0.008	-0.513	-0.896	-0.122	0.004	-0.012	-0.199	0.206	0.918	PE(P-18:1/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	CRP	id_421	-0.042	-0.216	0.032	0.282	-0.471	-0.864	-0.052	0.022	-0.513	-0.901	-0.122	0.006	0.082	-0.065	0.655	0.288	PE(P-18:1/22:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	CRP	id_422	0.083	0.004	0.176	0.046	-0.596	-1.004	-0.175	0.008	-0.513	-0.910	-0.127	0.014	-0.162	-0.700	0.018	0.060	PE(P-18:1/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	CRP	id_423	-0.001	-0.032	0.037	0.964	-0.512	-0.886	-0.159	0.006	-0.513	-0.882	-0.170	0.006	0.002	-0.090	0.085	0.962	PE(P-18:1/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	CRP	id_424	0.044	-0.011	0.118	0.144	-0.557	-0.928	-0.186	0.006	-0.513	-0.859	-0.140	0.006	-0.086	-0.375	0.023	0.146	PE(P-18:2/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	CRP	id_425	0.013	-0.043	0.070	0.644	-0.526	-0.918	-0.145	0.008	-0.513	-0.889	-0.131	0.010	-0.025	-0.201	0.101	0.646	PE(P-18:2/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	CRP	id_023	-0.008	-0.192	0.053	0.652	-0.505	-0.866	-0.062	0.022	-0.513	-0.873	-0.133	0.008	0.016	-0.110	0.595	0.656	Cholesterol CE(15:0)	Ester	CE Ester
CR	CRP	id_024	-0.007	-0.145	0.045	0.766	-0.507	-0.892	-0.080	0.016	-0.513	-0.912	-0.116	0.008	0.013	-0.100	0.453	0.766	Cholesterol CE(16:0)	Ester	CE Ester
CR	CRP	id_026	0.022	-0.110	0.082	0.574	-0.535	-0.928	-0.144	0.016	-0.513	-0.901	-0.144	0.016	-0.043	-0.233	0.297	0.566	Cholesterol CE(17:0)	Ester	CE Ester
CR	CRP	id_027	0.044	-0.026	0.111	0.154	-0.557	-0.946	-0.174	0.006	-0.513	-0.915	-0.144	0.008	-0.086	-0.383	0.058	0.158	Cholesterol CE(18:0)	Ester	CE Ester
CR	CRP	id_028	0.016	-0.085	0.073	0.674	-0.530	-0.934	-0.129	0.006	-0.513	-0.910	-0.131	0.008	-0.031	-0.170	0.218	0.682	Cholesterol CE(18:1)	Ester	CE Ester
CR	CRP	id_029	0.002	-0.111	0.059	0.992	-0.516	-0.894	-0.130	0.010	-0.513	-0.882	-0.147	0.008	-0.005	-0.140	0.279	0.988	Cholesterol CE(18:2)	Ester	CE Ester
CR	CRP	id_033	0.029	-0.015	0.085	0.188	-0.542	-0.926	-0.163	0.006	-0.513	-0.891	-0.124	0.008	-0.056	-0.272	0.039	0.196	Cholesterol CE(20:1)	Ester	CE Ester
CR	CRP	id_034	-0.038	-0.333	0.031	0.314	-0.475	-0.811	-0.030	0.040	-0.513	-0.861	-0.159	0.010	0.074	-0.062	0.849	0.324	Cholesterol CE(20:2)	Ester	CE Ester
CR	CRP	id_035	-0.041	-0.368	0.031	0.304	-0.473	-0.839	0.046	0.066	-0.513	-0.904	-0.121	0.014	0.079	-0.083	1.151	0.314	Cholesterol CE(20:3)	Ester	CE Ester
CR	CRP	id_036	-0.035	-0.195	0.023	0.246	-0.479	-0.865	-0.063	0.028	-0.513	-0.899	-0.124	0.014	0.067	-0.054	0.546	0.256	Cholesterol CE(20:4)	Ester	CE Ester

CR	CRP	id_041	-0.003	-0.102	0.050	0.860	-0.510	-0.927	-0.148	0.010	-0.513	-0.931	-0.156	0.004	0.006	-0.116	0.256	0.860	CE(22:4)	Cholesterol Ester	CE Ester
CR	CRP	id_042	-0.001	-0.095	0.048	0.898	-0.512	-0.877	-0.136	0.012	-0.513	-0.889	-0.133	0.010	0.003	-0.130	0.200	0.896	CE(22:5)	Cholesterol Ester	CE Ester
CR	CRP	id_043	0.002	-0.020	0.042	0.716	-0.515	-0.913	-0.147	0.006	-0.513	-0.901	-0.145	0.006	-0.003	-0.113	0.050	0.710	CE(22:6)	Cholesterol Ester	CE Ester
CR	CRP	id_044	-0.001	-0.026	0.036	0.796	-0.513	-0.892	-0.125	0.012	-0.513	-0.883	-0.120	0.012	0.002	-0.089	0.066	0.792	CE(24:0)	Cholesterol Ester	CE Ester
CR	CRP	id_045	0.011	-0.015	0.056	0.462	-0.524	-0.893	-0.175	0.006	-0.513	-0.887	-0.155	0.006	-0.021	-0.152	0.035	0.460	CE(24:1)	Cholesterol Ester	CE Ester
CR	CRP	id_046	-0.010	-0.232	0.065	0.778	-0.503	-0.871	-0.072	0.022	-0.513	-0.881	-0.145	0.014	0.020	-0.156	0.639	0.780	CER(14:0)	Sphingolipids	Ceramide
CR	CRP	id_047	0.015	-0.087	0.071	0.694	-0.528	-0.937	-0.120	0.012	-0.513	-0.931	-0.135	0.008	-0.029	-0.188	0.236	0.690	CER(16:0)	Sphingolipids	Ceramide
CR	CRP	id_048	-0.042	-0.287	0.052	0.398	-0.471	-0.857	-0.019	0.038	-0.513	-0.906	-0.113	0.006	0.082	-0.107	0.840	0.404	CER(18:0)	Sphingolipids	Ceramide
CR	CRP	id_049	-0.029	-0.286	0.043	0.424	-0.484	-0.855	-0.029	0.040	-0.513	-0.902	-0.149	0.006	0.057	-0.089	0.846	0.430	CER(18:1)	Sphingolipids	Ceramide
CR	CRP	id_050	0.009	-0.167	0.076	0.930	-0.522	-0.951	-0.096	0.008	-0.513	-0.902	-0.161	0.002	-0.018	-0.158	0.470	0.932	CER(20:0)	Sphingolipids	Ceramide
CR	CRP	id_051	-0.067	-0.327	0.003	0.072	-0.446	-0.789	-0.021	0.040	-0.513	-0.890	-0.121	0.004	0.131	-0.010	0.831	0.076	CER(20:1)	Sphingolipids	Ceramide
CR	CRP	id_052	0.039	-0.083	0.132	0.322	-0.553	-0.967	-0.141	0.016	-0.513	-0.887	-0.128	0.014	-0.077	-0.348	0.218	0.324	CER(22:0)	Sphingolipids	Ceramide
CR	CRP	id_053	-0.050	-0.456	0.043	0.322	-0.463	-0.866	0.091	0.118	-0.513	-0.913	-0.114	0.006	0.098	-0.080	1.352	0.328	CER(22:1)	Sphingolipids	Ceramide
CR	CRP	id_054	0.038	-0.046	0.117	0.268	-0.551	-0.968	-0.167	0.006	-0.513	-0.893	-0.141	0.008	-0.074	-0.302	0.144	0.276	CER(24:0)	Sphingolipids	Ceramide
CR	CRP	id_055	-0.016	-0.156	0.041	0.520	-0.497	-0.883	-0.120	0.014	-0.513	-0.904	-0.146	0.004	0.032	-0.087	0.436	0.524	CER(24:1)	Sphingolipids	Ceramide
CR	CRP	id_057	-0.027	-0.098	0.040	0.410	-0.486	-0.879	-0.088	0.016	-0.513	-0.903	-0.112	0.014	0.053	-0.108	0.279	0.424	CER(26:1)	Sphingolipids	Ceramide
CR	CRP	id_116	-0.001	-0.122	0.068	0.906	-0.512	-0.892	-0.120	0.012	-0.513	-0.887	-0.117	0.012	0.003	-0.184	0.283	0.910	DCER(14:0)	Sphingolipids	Dihydroceramide
CR	CRP	id_117	-0.004	-0.105	0.046	0.902	-0.510	-0.918	-0.099	0.018	-0.513	-0.913	-0.116	0.008	0.007	-0.108	0.327	0.910	DCER(16:0)	Sphingolipids	Dihydroceramide
CR	CRP	id_118	-0.010	-0.104	0.039	0.692	-0.503	-0.890	-0.124	0.016	-0.513	-0.888	-0.127	0.012	0.020	-0.091	0.271	0.700	DCER(18:0)	Sphingolipids	Dihydroceramide
CR	CRP	id_119	-0.004	-0.057	0.059	0.912	-0.509	-0.908	-0.138	0.006	-0.513	-0.900	-0.132	0.006	0.009	-0.139	0.125	0.914	DCER(18:1)	Sphingolipids	Dihydroceramide

CR	CRP	id_120	-0.003	-0.154	0.044	0.906	-0.510	-0.897	-0.075	0.018	-0.513	-0.894	-0.134	0.008	0.006	-0.112	0.471	0.910	DCER(20 :0)	Sphingolipids	Dihydroceramide
CR	CRP	id_121	-0.011	-0.111	0.045	0.682	-0.503	-0.890	-0.116	0.006	-0.513	-0.916	-0.137	0.006	0.021	-0.102	0.260	0.680	DCER(20 :1)	Sphingolipids	Dihydroceramide
CR	CRP	id_122	0.000	-0.218	0.065	0.934	-0.513	-0.924	-0.090	0.018	-0.513	-0.927	-0.159	0.006	0.000	-0.145	0.612	0.928	DCER(22 :0)	Sphingolipids	Dihydroceramide
CR	CRP	id_123	0.000	-0.129	0.044	0.988	-0.513	-0.868	-0.106	0.012	-0.513	-0.886	-0.116	0.010	0.001	-0.135	0.292	0.986	DCER(22 :1)	Sphingolipids	Dihydroceramide
CR	CRP	id_124	0.016	-0.075	0.067	0.614	-0.529	-0.901	-0.170	0.004	-0.513	-0.891	-0.175	0.010	-0.031	-0.173	0.193	0.624	DCER(22 :2)	Sphingolipids	Dihydroceramide
CR	CRP	id_125	0.022	-0.096	0.075	0.562	-0.536	-0.939	-0.123	0.014	-0.513	-0.919	-0.133	0.012	-0.043	-0.206	0.235	0.562	DCER(24 :0)	Sphingolipids	Dihydroceramide
CR	CRP	id_126	-0.010	-0.222	0.039	0.554	-0.503	-0.868	-0.072	0.024	-0.513	-0.919	-0.121	0.016	0.020	-0.102	0.573	0.566	DCER(24 :1)	Sphingolipids	Dihydroceramide
CR	CRP	id_128	0.008	-0.016	0.053	0.410	-0.521	-0.871	-0.145	0.018	-0.513	-0.856	-0.125	0.020	-0.015	-0.142	0.039	0.426	DCER(26 :1)	Sphingolipids	Dihydroceramide
CR	CRP	id_129	-0.007	-0.112	0.043	0.784	-0.506	-0.904	-0.149	0.012	-0.513	-0.913	-0.162	0.012	0.015	-0.110	0.218	0.776	HCER(14 :0)	Sphingolipids	Hexosylceramide
CR	CRP	id_130	0.011	-0.060	0.060	0.652	-0.524	-0.890	-0.126	0.006	-0.513	-0.881	-0.128	0.008	-0.021	-0.163	0.165	0.656	HCER(16 :0)	Sphingolipids	Hexosylceramide
CR	CRP	id_131	0.019	-0.023	0.070	0.348	-0.532	-0.887	-0.170	0.010	-0.513	-0.866	-0.143	0.014	-0.037	-0.202	0.050	0.362	HCER(18 :0)	Sphingolipids	Hexosylceramide
CR	CRP	id_132	-0.017	-0.178	0.046	0.538	-0.496	-0.871	-0.065	0.034	-0.513	-0.899	-0.102	0.022	0.033	-0.113	0.426	0.544	HCER(18 :1)	Sphingolipids	Hexosylceramide
CR	CRP	id_133	0.029	-0.022	0.083	0.252	-0.543	-0.918	-0.152	0.006	-0.513	-0.901	-0.128	0.010	-0.057	-0.291	0.049	0.262	HCER(20 :0)	Sphingolipids	Hexosylceramide
CR	CRP	id_134	-0.041	-0.217	0.024	0.204	-0.472	-0.854	-0.067	0.022	-0.513	-0.917	-0.109	0.004	0.080	-0.055	0.552	0.208	HCER(20 :1)	Sphingolipids	Hexosylceramide
CR	CRP	id_135	0.052	-0.011	0.118	0.096	-0.565	-0.945	-0.169	0.006	-0.513	-0.893	-0.121	0.012	-0.101	-0.520	0.033	0.108	HCER(22 :0)	Sphingolipids	Hexosylceramide
CR	CRP	id_136	-0.037	-0.170	0.022	0.224	-0.477	-0.858	-0.077	0.026	-0.513	-0.907	-0.134	0.014	0.071	-0.053	0.488	0.238	HCER(22 :1)	Sphingolipids	Hexosylceramide
CR	CRP	id_137	0.045	-0.026	0.103	0.158	-0.559	-0.930	-0.182	0.004	-0.513	-0.887	-0.140	0.002	-0.089	-0.438	0.045	0.160	HCER(24 :0)	Sphingolipids	Hexosylceramide
CR	CRP	id_138	0.002	-0.027	0.045	0.806	-0.515	-0.913	-0.153	0.008	-0.513	-0.915	-0.148	0.010	-0.004	-0.110	0.062	0.808	HCER(24 :1)	Sphingolipids	Hexosylceramide
CR	CRP	id_139	0.010	-0.025	0.056	0.492	-0.523	-0.931	-0.127	0.012	-0.513	-0.917	-0.134	0.014	-0.019	-0.145	0.073	0.498	HCER(26 :0)	Sphingolipids	Hexosylceramide
CR	CRP	id_141	-0.001	-0.020	0.051	0.794	-0.513	-0.902	-0.144	0.004	-0.513	-0.896	-0.143	0.002	0.001	-0.142	0.057	0.792	LCER(14: 0)	Sphingolipids	Lactosylceramide

CR	CRP	id_142	-0.003	-0.038	0.060	0.968	-0.511	-0.896	-0.125	0.008	-0.513	-0.886	-0.123	0.008	0.005	-0.134	0.132	0.968 0)	LCER(16: Sphingolipids	Lactosylceramide
CR	CRP	id_144	-0.002	-0.033	0.040	0.796	-0.512	-0.887	-0.147	0.000	-0.513	-0.894	-0.156	0.000	0.003	-0.089	0.077	0.796 1)	LCER(18: Sphingolipids	Lactosylceramide
CR	CRP	id_145	-0.014	-0.077	0.040	0.584	-0.499	-0.895	-0.098	0.006	-0.513	-0.908	-0.119	0.008	0.028	-0.083	0.233	0.580 0)	LCER(20: Sphingolipids	Lactosylceramide
CR	CRP	id_146	-0.003	-0.027	0.058	0.904	-0.510	-0.910	-0.146	0.004	-0.513	-0.904	-0.135	0.006	0.006	-0.139	0.079	0.906 1)	LCER(20: Sphingolipids	Lactosylceramide
CR	CRP	id_147	0.006	-0.022	0.050	0.650	-0.520	-0.933	-0.127	0.008	-0.513	-0.919	-0.125	0.010	-0.012	-0.124	0.052	0.648 0)	LCER(22: Sphingolipids	Lactosylceramide
CR	CRP	id_148	-0.002	-0.036	0.036	0.984	-0.511	-0.895	-0.119	0.010	-0.513	-0.880	-0.129	0.010	0.004	-0.086	0.102	0.974 1)	LCER(22: Sphingolipids	Lactosylceramide
CR	CRP	id_149	-0.026	-0.118	0.056	0.460	-0.488	-0.874	-0.127	0.002	-0.513	-0.913	-0.154	0.006	0.050	-0.155	0.276	0.458 0)	LCER(24: Sphingolipids	Lactosylceramide
CR	CRP	id_152	0.001	-0.023	0.041	0.798	-0.515	-0.906	-0.168	0.004	-0.513	-0.898	-0.174	0.008	-0.002	-0.097	0.062	0.806 1)	LCER(26: Sphingolipids	Lactosylceramide
CR	CRP	id_154	0.043	0.012	0.151	0.022	-0.557	-0.959	-0.167	0.006	-0.513	-0.898	-0.102	0.008	-0.085	-0.513	-0.014	0.030)	LPC(15:0 Lysophosphatidylcholine	LPC Ester
CR	CRP	id_157	0.058	-0.065	0.146	0.204	-0.571	-0.961	-0.184	0.004	-0.513	-0.909	-0.126	0.008	-0.113	-0.634	0.132	0.212)	LPC(17:0 Lysophosphatidylcholine	LPC Ester
CR	CRP	id_170	-0.003	-0.142	0.085	0.890	-0.510	-0.871	-0.153	0.008	-0.513	-0.898	-0.157	0.008	0.006	-0.281	0.312	0.882)	LPC(22:6 Lysophosphatidylcholine	LPC Ester
CR	CRP	id_181	0.045	-0.005	0.113	0.096	-0.558	-0.943	-0.187	0.008	-0.513	-0.900	-0.143	0.012	-0.088	-0.363	0.013	0.104)	Lysophosphatidylethanolamine	LPE Ester
CR	CRP	id_186	-0.005	-0.042	0.048	0.974	-0.508	-0.910	-0.117	0.010	-0.513	-0.909	-0.117	0.012	0.010	-0.122	0.093	0.970 0)	MAG	Ester
CR	CRP	id_188	0.001	-0.017	0.049	0.648	-0.514	-0.879	-0.122	0.008	-0.513	-0.873	-0.115	0.008	-0.002	-0.149	0.042	0.648 1)	MAG	Ester
CR	CRP	id_189	-0.005	-0.040	0.051	0.946	-0.509	-0.895	-0.137	0.016	-0.513	-0.902	-0.133	0.016	0.009	-0.143	0.102	0.946 0)	MAG	Ester
CR	CRP	id_195	0.027	-0.026	0.072	0.216	-0.541	-0.925	-0.149	0.008	-0.513	-0.897	-0.127	0.010	-0.053	-0.235	0.055	0.222 2)	MAG	Ester
CR	CRP	id_203	0.000	-0.008	0.114	0.506	-0.513	-0.934	-0.147	0.000	-0.513	-0.898	-0.138	0.000	0.000	-0.264	0.021	0.506 5)	MAG	Ester
CR	CRP	id_204	-0.002	-0.066	0.043	0.914	-0.511	-0.883	-0.132	0.006	-0.513	-0.887	-0.127	0.006	0.004	-0.142	0.147	0.916 0)	MAG	Ester
CR	CRP	id_205	0.001	-0.063	0.047	0.898	-0.514	-0.888	-0.159	0.008	-0.513	-0.889	-0.153	0.006	-0.002	-0.137	0.162	0.896 1)	MAG	Ester
CR	CRP	id_208	0.009	-0.035	0.050	0.594	-0.522	-0.909	-0.147	0.012	-0.513	-0.905	-0.128	0.010	-0.017	-0.129	0.080	0.600 5)	MAG	Ester
CR	CRP	id_209	-0.001	-0.022	0.072	0.688	-0.512	-0.901	-0.156	0.004	-0.513	-0.891	-0.137	0.004	0.002	-0.176	0.050	0.692 6)	MAG	Ester

CR	CRP	id_228	-0.037	-0.201	0.023	0.248	-0.476	-0.857	-0.070	0.020	-0.513	-0.894	-0.126	0.012	0.072	-0.049	0.511	0.260	PC(15:0/18:2)	Phosphatidyl choline	PC Ester
CR	CRP	id_230	-0.036	-0.144	0.042	0.242	-0.478	-0.884	-0.101	0.012	-0.513	-0.909	-0.144	0.004	0.070	-0.114	0.405	0.246	PC(15:0/20:4)	Phosphatidyl choline	PC Ester
CR	CRP	id_241	-0.023	-0.139	0.033	0.430	-0.490	-0.862	-0.124	0.008	-0.513	-0.886	-0.167	0.002	0.045	-0.076	0.350	0.432	PC(16:0/18:2)	Phosphatidyl choline	PC Ester
CR	CRP	id_254	0.012	-0.058	0.059	0.654	-0.526	-0.917	-0.135	0.008	-0.513	-0.917	-0.140	0.010	-0.024	-0.147	0.161	0.660	PC(17:0/18:2)	Phosphatidyl choline	PC Ester
CR	CRP	id_257	-0.009	-0.100	0.044	0.714	-0.504	-0.863	-0.088	0.020	-0.513	-0.882	-0.103	0.016	0.018	-0.109	0.252	0.722	PC(17:0/20:4)	Phosphatidyl choline	PC Ester
CR	CRP	id_272	0.001	-0.111	0.067	0.990	-0.514	-0.910	-0.098	0.016	-0.513	-0.891	-0.137	0.008	-0.002	-0.159	0.325	0.990	PC(18:0/20:4)	Phosphatidyl choline	PC Ester
CR	CRP	id_279	0.039	-0.022	0.095	0.180	-0.552	-0.916	-0.172	0.004	-0.513	-0.881	-0.115	0.008	-0.076	-0.351	0.050	0.188	PC(18:1/18:2)	Phosphatidyl choline	PC Ester
CR	CRP	id_283	-0.034	-0.339	0.046	0.420	-0.479	-0.887	-0.013	0.038	-0.513	-0.931	-0.149	0.010	0.067	-0.098	0.871	0.422	PC(18:1/20:3)	Phosphatidyl choline	PC Ester
CR	CRP	id_284	-0.013	-0.112	0.046	0.564	-0.500	-0.879	-0.138	0.006	-0.513	-0.879	-0.162	0.000	0.025	-0.096	0.292	0.564	PC(18:1/20:4)	Phosphatidyl choline	PC Ester
CR	CRP	id_289	-0.021	-0.203	0.045	0.528	-0.492	-0.867	-0.071	0.028	-0.513	-0.889	-0.121	0.012	0.041	-0.119	0.585	0.532	PC(18:2/16:1)	Phosphatidyl choline	PC Ester
CR	CRP	id_354	0.006	-0.117	0.074	0.988	-0.519	-0.892	-0.126	0.004	-0.513	-0.897	-0.123	0.008	-0.011	-0.242	0.263	0.996	PE(18:1/22:0)	Phosphatidyl ethanolamine	PE Ester
CR	CRP	id_386	0.005	-0.109	0.080	0.952	-0.519	-0.928	-0.117	0.016	-0.513	-0.902	-0.137	0.008	-0.011	-0.188	0.342	0.948	PE(P-16:0/18:1)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	CRP	id_398	0.039	-0.026	0.100	0.168	-0.552	-0.957	-0.175	0.002	-0.513	-0.900	-0.133	0.004	-0.076	-0.317	0.051	0.172	PE(P-18:0/16:0)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	CRP	id_405	0.018	-0.095	0.081	0.726	-0.531	-0.918	-0.159	0.006	-0.513	-0.918	-0.168	0.008	-0.035	-0.224	0.237	0.734	PE(P-18:0/20:3)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	CRP	id_414	0.040	-0.020	0.120	0.190	-0.553	-0.919	-0.169	0.010	-0.513	-0.859	-0.125	0.010	-0.078	-0.388	0.054	0.192	PE(P-18:1/18:1)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	CRP	id_448	-0.013	-0.234	0.055	0.720	-0.500	-0.842	-0.052	0.026	-0.513	-0.866	-0.134	0.010	0.026	-0.121	0.635	0.718	SM(14:0)	Sphingolipids	Sphingomyelin
CR	CRP	id_449	0.013	-0.060	0.061	0.558	-0.526	-0.906	-0.130	0.004	-0.513	-0.887	-0.133	0.004	-0.025	-0.173	0.145	0.558	SM(16:0)	Sphingolipids	Sphingomyelin
CR	CRP	id_450	-0.026	-0.241	0.040	0.404	-0.487	-0.880	-0.029	0.044	-0.513	-0.918	-0.108	0.014	0.051	-0.089	0.727	0.410	SM(18:0)	Sphingolipids	Sphingomyelin

CR	CRP	id_451	-0.034	-0.259	0.044	0.428	-0.479	-0.854	-0.045	0.036	-0.513	-0.898	-0.127	0.012	0.066	-0.101	0.736	0.428	SM(18:1)	Sphingolipids	Sphingomyelin
CR	CRP	id_452	-0.002	-0.179	0.060	0.856	-0.511	-0.864	-0.084	0.020	-0.513	-0.875	-0.136	0.010	0.004	-0.142	0.445	0.850	SM(20:0)	Sphingolipids	Sphingomyelin
CR	CRP	id_453	-0.039	-0.268	0.036	0.332	-0.475	-0.860	-0.057	0.016	-0.513	-0.894	-0.165	0.004	0.076	-0.073	0.656	0.336	SM(20:1)	Sphingolipids	Sphingomyelin
CR	CRP	id_454	0.017	-0.138	0.080	0.722	-0.530	-0.915	-0.131	0.012	-0.513	-0.885	-0.140	0.004	-0.033	-0.197	0.369	0.718	SM(22:0)	Sphingolipids	Sphingomyelin
CR	CRP	id_455	-0.024	-0.287	0.036	0.454	-0.490	-0.822	-0.041	0.030	-0.513	-0.860	-0.137	0.004	0.046	-0.087	0.748	0.458	SM(22:1)	Sphingolipids	Sphingomyelin
CR	CRP	id_456	-0.023	-0.167	0.030	0.428	-0.490	-0.841	-0.069	0.028	-0.513	-0.898	-0.112	0.018	0.046	-0.076	0.445	0.430	SM(24:0)	Sphingolipids	Sphingomyelin
CR	CRP	id_457	-0.027	-0.124	0.090	0.408	-0.486	-0.891	-0.096	0.016	-0.513	-0.924	-0.108	0.020	0.052	-0.285	0.249	0.420	SM(24:1)	Sphingolipids	Sphingomyelin
CR	CRP	id_458	0.012	-0.082	0.057	0.702	-0.525	-0.924	-0.120	0.012	-0.513	-0.914	-0.130	0.008	-0.023	-0.145	0.201	0.710	SM(26:0)	Sphingolipids	Sphingomyelin
CR	CRP	id_459	-0.001	-0.026	0.078	0.620	-0.512	-0.907	-0.163	0.008	-0.513	-0.891	-0.155	0.008	0.002	-0.200	0.070	0.616	SM(26:1)	Sphingolipids	Sphingomyelin
CR	CRP	id_660	0.003	-0.296	0.055	0.986	-0.516	-0.891	-0.021	0.040	-0.513	-0.910	-0.133	0.008	-0.005	-0.136	0.876	0.982	TAG51:3-FA16:0	Triacylglycerols	
CR	CRP	id_663	0.012	-0.190	0.066	0.880	-0.525	-0.909	-0.082	0.010	-0.513	-0.887	-0.155	0.002	-0.023	-0.156	0.574	0.882	TAG51:3-FA18:1	Triacylglycerols	
CR	CRP	id_667	0.010	-0.236	0.061	0.868	-0.524	-0.874	-0.039	0.030	-0.513	-0.889	-0.115	0.010	-0.020	-0.157	0.776	0.866	TAG51:4-FA16:0	Triacylglycerols	
CR	CRP	id_755	0.014	-0.060	0.053	0.558	-0.527	-0.911	-0.137	0.014	-0.513	-0.890	-0.128	0.010	-0.027	-0.170	0.177	0.568	TAG53:3-FA18:0	Triacylglycerols	
CR	CRP	id_760	0.018	-0.046	0.068	0.410	-0.531	-0.938	-0.120	0.010	-0.513	-0.917	-0.115	0.012	-0.035	-0.177	0.138	0.418	TAG53:4-FA18:0	Triacylglycerols	
CR	CRP	id_761	0.018	-0.171	0.061	0.580	-0.531	-0.915	-0.111	0.010	-0.513	-0.904	-0.141	0.004	-0.034	-0.161	0.454	0.584	TAG53:4-FA18:1	Triacylglycerols	
CR	CRP	id_765	0.015	-0.041	0.052	0.450	-0.529	-0.914	-0.142	0.010	-0.513	-0.905	-0.121	0.008	-0.030	-0.174	0.102	0.458	TAG53:5-FA18:1	Triacylglycerols	
CR	CRP	id_766	0.018	-0.105	0.057	0.646	-0.531	-0.942	-0.148	0.004	-0.513	-0.907	-0.165	0.004	-0.034	-0.155	0.285	0.646	TAG53:5-FA18:2	Triacylglycerols	
CR	CRP	id_769	0.013	-0.021	0.061	0.328	-0.526	-0.917	-0.153	0.006	-0.513	-0.889	-0.140	0.006	-0.025	-0.172	0.042	0.334	TAG53:6-FA18:1	Triacylglycerols	
CR	CRP	id_770	0.015	-0.097	0.057	0.592	-0.529	-0.927	-0.124	0.012	-0.513	-0.909	-0.146	0.002	-0.030	-0.148	0.251	0.594	TAG53:6-FA18:2	Triacylglycerols	
CR	CRP	id_771	0.017	-0.075	0.060	0.582	-0.530	-0.911	-0.170	0.002	-0.513	-0.890	-0.154	0.000	-0.033	-0.158	0.186	0.582	TAG53:6-FA18:3	Triacylglycerols	

CR	CRP	id_773	0.016	-0.053	0.058	0.576	-0.529	-0.906	-0.167	0.010	-0.513	-0.898	-0.167	0.010	-0.031	-0.148	0.123	0.582	TAG53:7- Triacylglycer FA18:3 ol TAG Ester		
CR	CRP	id_856	0.015	-0.067	0.058	0.568	-0.528	-0.921	-0.114	0.006	-0.513	-0.912	-0.112	0.006	-0.029	-0.178	0.158	0.566	TAG55:6- Triacylglycer FA18:1 ol TAG Ester		
CR	CRP	id_857	0.012	-0.052	0.051	0.468	-0.525	-0.909	-0.173	0.008	-0.513	-0.909	-0.166	0.008	-0.024	-0.163	0.100	0.464	TAG55:6- Triacylglycer FA20:3 ol TAG Ester		
CR	CRP	id_860	0.021	-0.093	0.072	0.494	-0.534	-0.923	-0.140	0.014	-0.513	-0.901	-0.142	0.012	-0.041	-0.186	0.249	0.498	TAG55:7- Triacylglycer FA18:1 ol TAG Ester		
CR	CRP	id_861	0.011	-0.053	0.050	0.494	-0.525	-0.910	-0.130	0.010	-0.513	-0.895	-0.122	0.010	-0.022	-0.162	0.119	0.500	TAG55:7- Triacylglycer FA20:3 ol TAG Ester		
CR	CRP	id_862	0.011	-0.046	0.053	0.366	-0.524	-0.917	-0.152	0.006	-0.513	-0.899	-0.148	0.006	-0.021	-0.147	0.107	0.368	TAG55:8- Triacylglycer FA20:4 ol TAG Ester		
CR	CRP	id_864	0.009	-0.079	0.048	0.566	-0.522	-0.901	-0.125	0.008	-0.513	-0.889	-0.111	0.008	-0.017	-0.173	0.174	0.570	TAG55:9- Triacylglycer FA20:4 ol TAG Ester		
CR	CRP	id_939	0.010	-0.012	0.074	0.142	-0.523	-0.923	-0.128	0.008	-0.513	-0.912	-0.111	0.012	-0.019	-0.218	0.036	0.154	TAG57:9- Triacylglycer FA22:6 ol TAG Ester		
CR	CRP	id_978	-0.004	-0.170	0.049	0.844	-0.509	-0.894	-0.093	0.018	-0.513	-0.905	-0.141	0.014	0.008	-0.130	0.472	0.846	Neutral Complex Cholesteryl Total CE Lipids SUM Esters		
CR	CRP	id_979	0.026	-0.085	0.098	0.494	-0.539	-0.946	-0.142	0.004	-0.513	-0.894	-0.133	0.004	-0.050	-0.277	0.196	0.498	Total Sphingolipid CER SUM Ceramides		
CR	CRP	id_981	0.004	-0.198	0.053	0.998	-0.517	-0.919	-0.073	0.020	-0.513	-0.903	-0.126	0.006	-0.007	-0.127	0.610	1.000	Total Sphingolipid DCER SUM Dihydrocera mides		
CR	CRP	id_982	0.031	-0.019	0.084	0.190	-0.545	-0.931	-0.180	0.002	-0.513	-0.887	-0.143	0.010	-0.061	-0.301	0.038	0.200	Total Sphingolipid HCER SUM Hexosylcera mides		
CR	CRP	id_983	-0.006	-0.041	0.037	0.902	-0.508	-0.887	-0.132	0.006	-0.513	-0.873	-0.138	0.006	0.011	-0.092	0.124	0.908	Total Sphingolipid LCER SUM Lactosylcera mides		
CR	CRP	id_987	-0.026	-0.220	0.038	0.454	-0.487	-0.898	-0.068	0.030	-0.513	-0.937	-0.152	0.008	0.051	-0.082	0.608	0.458	Total PC Phospholipid SUM Phosphatidyl cholines		
CR	CRP	id_990	-0.004	-0.195	0.053	0.778	-0.510	-0.869	-0.105	0.018	-0.513	-0.879	-0.151	0.004	0.007	-0.106	0.512	0.778	Total SM Sphingolipid SUM Sphingomyel ins		
CR	CRP	id_039	0.000	-0.010	0.054	0.656	-0.514	-0.926	-0.117	0.008	-0.513	-0.904	-0.114	0.006	-0.001	-0.153	0.029	0.654	Cholesterol CE(22:1) Ester CE Ester		
CR	CRP	id_060	0.033	-0.046	0.083	0.290	-0.547	-0.917	-0.160	0.016	-0.513	-0.871	-0.146	0.014	-0.065	-0.284	0.135	0.296	DAG(12: Diacylglycer 0/18:1) ol DAG Ester		
CR	CRP	id_071	0.000	-0.094	0.081	0.952	-0.513	-0.923	-0.110	0.012	-0.513	-0.902	-0.140	0.010	0.001	-0.174	0.281	0.954	DAG(14: Diacylglycer 1/16:0) ol DAG Ester		
CR	CRP	id_072	0.019	-0.059	0.102	0.600	-0.533	-0.891	-0.178	0.014	-0.513	-0.890	-0.164	0.016	-0.038	-0.344	0.116	0.604	DAG(14: Diacylglycer 1/18:1) ol DAG Ester		
CR	CRP	id_150	-0.077	-0.178	0.009	0.070	-0.437	-0.789	-0.060	0.018	-0.513	-0.873	-0.118	0.006	0.149	-0.017	0.548	0.072	LCER(24: Sphingolipid 1) s Lactosylcera mide		

CR	CRP	id_151	-0.011	-0.060	0.029	0.636	-0.503	-0.888	-0.105	0.016	-0.513	-0.918	-0.114	0.014	0.021	-0.076	0.163	0.650	LCER(26:0)	Sphingolipids	Lactosylceramide
CR	CRP	id_160	0.032	-0.174	0.117	0.684	-0.545	-0.890	-0.154	0.006	-0.513	-0.891	-0.121	0.010	-0.063	-0.579	0.314	0.694	LPC(18:2)	Lysophosphatidylcholine	LPC Ester
CR	CRP	id_196	0.008	-0.078	0.057	0.874	-0.522	-0.928	-0.118	0.010	-0.513	-0.915	-0.145	0.008	-0.017	-0.144	0.242	0.878	3)	MAG	Ester
CR	CRP	id_199	-0.003	-0.040	0.042	0.894	-0.511	-0.931	-0.139	0.012	-0.513	-0.926	-0.143	0.012	0.005	-0.105	0.089	0.890	1)	MAG	Ester
CR	CRP	id_200	0.001	-0.060	0.056	0.936	-0.515	-0.897	-0.135	0.004	-0.513	-0.897	-0.136	0.004	-0.002	-0.134	0.144	0.932	2)	MAG	Ester
CR	CRP	id_201	-0.010	-0.080	0.042	0.710	-0.503	-0.896	-0.123	0.010	-0.513	-0.908	-0.132	0.006	0.019	-0.090	0.225	0.712	3)	MAG	Ester
CR	CRP	id_251	-0.001	-0.032	0.038	0.964	-0.512	-0.884	-0.122	0.008	-0.513	-0.889	-0.124	0.008	0.002	-0.104	0.091	0.956	PC(16:0/22:6)	Phosphatidylcholine	PC Ester
CR	CRP	id_288	0.012	-0.024	0.058	0.542	-0.525	-0.913	-0.145	0.008	-0.513	-0.893	-0.130	0.008	-0.023	-0.167	0.056	0.546	PC(18:1/22:6)	Phosphatidylcholine	PC Ester
CR	CRP	id_293	-0.011	-0.083	0.050	0.694	-0.502	-0.878	-0.088	0.016	-0.513	-0.877	-0.130	0.012	0.022	-0.106	0.292	0.698	PC(18:2/20:2)	Phosphatidylcholine	PC Ester
CR	CRP	id_298	0.020	-0.021	0.069	0.364	-0.533	-0.902	-0.173	0.008	-0.513	-0.881	-0.154	0.008	-0.038	-0.213	0.050	0.372	PC(18:2/22:5)	Phosphatidylcholine	PC Ester
CR	CRP	id_332	-0.022	-0.080	0.041	0.458	-0.491	-0.910	-0.125	0.014	-0.513	-0.920	-0.134	0.010	0.044	-0.105	0.206	0.464	PE(18:0/18:0)	Phosphatidylethanolamine	PE Ester
CR	CRP	id_359	-0.004	-0.053	0.041	0.924	-0.509	-0.853	-0.138	0.010	-0.513	-0.860	-0.144	0.010	0.009	-0.106	0.124	0.926	PE(18:2/16:1)	Phosphatidylethanolamine	PE Ester
CR	CRP	id_366	0.014	-0.033	0.086	0.540	-0.527	-0.925	-0.138	0.008	-0.513	-0.887	-0.131	0.008	-0.027	-0.246	0.073	0.532	PE(O-16:0/18:2)	Phosphatidylethanolamine	PE Ether
CR	CRP	id_368	0.008	-0.031	0.069	0.672	-0.521	-0.894	-0.163	0.004	-0.513	-0.883	-0.147	0.006	-0.016	-0.193	0.082	0.678	PE(O-16:0/20:4)	Phosphatidylethanolamine	PE Ether
CR	CRP	id_372	-0.002	-0.029	0.051	0.802	-0.511	-0.915	-0.136	0.012	-0.513	-0.908	-0.143	0.010	0.004	-0.119	0.080	0.796	PE(O-16:0/22:6)	Phosphatidylethanolamine	PE Ether
CR	CRP	id_378	-0.002	-0.080	0.068	0.906	-0.511	-0.887	-0.125	0.008	-0.513	-0.881	-0.144	0.008	0.004	-0.178	0.185	0.910	PE(O-18:0/20:4)	Phosphatidylethanolamine	PE Ether
CR	CRP	id_381	0.081	0.009	0.175	0.036	-0.594	-0.954	-0.218	0.000	-0.513	-0.867	-0.139	0.006	-0.158	-0.642	-0.013	0.042	PE(O-18:0/22:5)	Phosphatidylethanolamine	PE Ether

CR	CRP	id_382	0.003	-0.027	0.043	0.684	-0.516	-0.926	-0.139	0.008	-0.513	-0.909	-0.133	0.010	-0.006	-0.130	0.059	0.682	PE(O-18:0/22:6)	Phosphatidylethanolamine	PE Ether
CR	CRP	id_387	0.061	-0.009	0.140	0.084	-0.575	-0.968	-0.176	0.000	-0.513	-0.891	-0.140	0.002	-0.120	-0.446	0.027	0.086	PE(P-16:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen
CR	CRP	id_392	-0.014	-0.118	0.059	0.686	-0.499	-0.865	-0.116	0.008	-0.513	-0.886	-0.137	0.006	0.028	-0.137	0.322	0.692	PE(P-16:0/20:4)	Phosphatidylethanolamine	PE Plasmalogen
CR	CRP	id_395	0.050	-0.056	0.124	0.268	-0.563	-0.950	-0.162	0.006	-0.513	-0.879	-0.134	0.012	-0.097	-0.376	0.137	0.276	PE(P-16:0/22:5)	Phosphatidylethanolamine	PE Plasmalogen
CR	CRP	id_396	-0.020	-0.080	0.054	0.486	-0.493	-0.884	-0.115	0.010	-0.513	-0.904	-0.121	0.010	0.039	-0.129	0.201	0.496	PE(P-16:0/22:6)	Phosphatidylethanolamine	PE Plasmalogen
CR	CRP	id_401	0.040	-0.015	0.111	0.172	-0.554	-0.921	-0.177	0.004	-0.513	-0.870	-0.133	0.006	-0.079	-0.399	0.042	0.178	PE(P-18:0/18:1)	Phosphatidylethanolamine	PE Plasmalogen
CR	CRP	id_402	0.070	0.005	0.165	0.028	-0.584	-0.978	-0.200	0.004	-0.513	-0.894	-0.144	0.010	-0.137	-0.605	-0.004	0.038	PE(P-18:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen
CR	CRP	id_406	-0.006	-0.071	0.060	0.850	-0.507	-0.903	-0.106	0.020	-0.513	-0.889	-0.120	0.014	0.012	-0.167	0.171	0.860	PE(P-18:0/20:4)	Phosphatidylethanolamine	PE Plasmalogen
CR	CRP	id_409	0.077	-0.008	0.163	0.086	-0.590	-0.991	-0.194	0.002	-0.513	-0.894	-0.129	0.006	-0.150	-0.587	0.030	0.092	PE(P-18:0/22:5)	Phosphatidylethanolamine	PE Plasmalogen
CR	CRP	id_410	0.002	-0.017	0.046	0.648	-0.516	-0.915	-0.143	0.008	-0.513	-0.911	-0.133	0.012	-0.004	-0.132	0.047	0.656	PE(P-18:0/22:6)	Phosphatidylethanolamine	PE Plasmalogen
CR	CRP	id_411	0.031	-0.012	0.098	0.206	-0.544	-0.926	-0.145	0.006	-0.513	-0.887	-0.127	0.012	-0.061	-0.261	0.033	0.214	PE(P-18:1/16:0)	Phosphatidylethanolamine	PE Plasmalogen
CR	CRP	id_415	0.071	0.008	0.152	0.028	-0.584	-0.970	-0.202	0.008	-0.513	-0.882	-0.144	0.014	-0.138	-0.532	-0.016	0.034	PE(P-18:1/18:2)	Phosphatidylethanolamine	PE Plasmalogen
CR	CRP	id_419	0.006	-0.074	0.070	0.918	-0.520	-0.913	-0.109	0.008	-0.513	-0.896	-0.122	0.004	-0.012	-0.199	0.206	0.918	PE(P-18:1/20:4)	Phosphatidylethanolamine	PE Plasmalogen

CR	CRP	id_421	-0.042	-0.216	0.032	0.282	-0.471	-0.864	-0.052	0.022	-0.513	-0.901	-0.122	0.006	0.082	-0.065	0.655	0.288	PE(P-18:1/22:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	CRP	id_422	0.083	0.004	0.176	0.046	-0.596	-1.004	-0.175	0.008	-0.513	-0.910	-0.127	0.014	-0.162	-0.700	0.018	0.060	PE(P-18:1/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	CRP	id_423	-0.001	-0.032	0.037	0.964	-0.512	-0.886	-0.159	0.006	-0.513	-0.882	-0.170	0.006	0.002	-0.090	0.085	0.962	PE(P-18:1/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	CRP	id_424	0.044	-0.011	0.118	0.144	-0.557	-0.928	-0.186	0.006	-0.513	-0.859	-0.140	0.006	-0.086	-0.375	0.023	0.146	PE(P-18:2/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	CRP	id_425	0.013	-0.043	0.070	0.644	-0.526	-0.918	-0.145	0.008	-0.513	-0.889	-0.131	0.010	-0.025	-0.201	0.101	0.646	PE(P-18:2/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	IGF-1	id_053	0.017	0.006	0.060	0.006	-0.038	-0.135	0.046	0.324	-0.022	-0.105	0.061	0.580	-0.783	-8.343	5.487	0.586	CER(22:1)	Sphingolipids	Ceramide
CR	IGF-1	id_455	0.014	0.006	0.050	0.006	-0.036	-0.140	0.045	0.358	-0.022	-0.111	0.062	0.632	-0.656	-5.393	5.039	0.630	SM(22:1)	Sphingolipids	Sphingomyelin
CR	IGF-1	id_053	0.017	0.006	0.060	0.006	-0.038	-0.135	0.046	0.324	-0.022	-0.105	0.061	0.580	-0.783	-8.343	5.487	0.586	CER(22:1)	Sphingolipids	Ceramide
CR	IGF-1	id_455	0.014	0.006	0.050	0.006	-0.036	-0.140	0.045	0.358	-0.022	-0.111	0.062	0.632	-0.656	-5.393	5.039	0.630	SM(22:1)	Sphingolipids	Sphingomyelin
CR	IGF-1	id_051	0.014	0.004	0.040	0.008	-0.035	-0.123	0.047	0.390	-0.022	-0.103	0.068	0.636	-0.641	-5.698	5.919	0.640	CER(20:1)	Sphingolipids	Ceramide
CR	IGF-1	id_051	0.014	0.004	0.040	0.008	-0.035	-0.123	0.047	0.390	-0.022	-0.103	0.068	0.636	-0.641	-5.698	5.919	0.640	CER(20:1)	Sphingolipids	Ceramide
CR	IGF-1	id_398	0.012	0.003	0.034	0.010	-0.034	-0.131	0.056	0.452	-0.022	-0.112	0.067	0.644	-0.572	-4.239	3.657	0.650	PE(P-18:0/16:0)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	IGF-1	id_398	0.012	0.003	0.034	0.010	-0.034	-0.131	0.056	0.452	-0.022	-0.112	0.067	0.644	-0.572	-4.239	3.657	0.650	PE(P-18:0/16:0)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	IGF-1	id_049	0.013	0.004	0.045	0.012	-0.035	-0.129	0.051	0.402	-0.022	-0.108	0.066	0.654	-0.627	-4.177	6.325	0.662	CER(18:1)	Sphingolipids	Ceramide
CR	IGF-1	id_054	0.014	0.004	0.040	0.012	-0.036	-0.126	0.047	0.396	-0.022	-0.108	0.062	0.634	-0.666	-5.094	4.959	0.630	CER(24:0)	Sphingolipids	Ceramide
CR	IGF-1	id_454	0.013	0.006	0.050	0.012	-0.035	-0.132	0.049	0.384	-0.022	-0.106	0.065	0.658	-0.626	-5.169	4.793	0.654	SM(22:0)	Sphingolipids	Sphingomyelin
CR	IGF-1	id_979	0.013	0.004	0.040	0.012	-0.035	-0.130	0.053	0.402	-0.022	-0.109	0.066	0.632	-0.611	-3.619	4.526	0.636	Total CER	Sphingolipid SUM	Ceramides

CR	IGF-1	id_049	0.013	0.004	0.045	0.012	-0.035	-0.129	0.051	0.402	-0.022	-0.108	0.066	0.654	-0.627	-4.177	6.325	0.662	CER(18:1)	Sphingolipids	Ceramide
CR	IGF-1	id_054	0.014	0.004	0.040	0.012	-0.036	-0.126	0.047	0.396	-0.022	-0.108	0.062	0.634	-0.666	-5.094	4.959	0.630	CER(24:0)	Sphingolipids	Ceramide
CR	IGF-1	id_454	0.013	0.006	0.050	0.012	-0.035	-0.132	0.049	0.384	-0.022	-0.106	0.065	0.658	-0.626	-5.169	4.793	0.654	SM(22:0)	Sphingolipids	Sphingomyelin
CR	IGF-1	id_979	0.013	0.004	0.040	0.012	-0.035	-0.130	0.053	0.402	-0.022	-0.109	0.066	0.632	-0.611	-3.619	4.526	0.636	Total CER SUM	Sphingolipids	Ceramides
CR	IGF-1	id_125	0.012	0.003	0.042	0.018	-0.034	-0.129	0.054	0.382	-0.022	-0.112	0.069	0.606	-0.569	-3.995	4.068	0.612	DCER(24 :0)	Sphingolipids	Dihydroceramide
CR	IGF-1	id_125	0.012	0.003	0.042	0.018	-0.034	-0.129	0.054	0.382	-0.022	-0.112	0.069	0.606	-0.569	-3.995	4.068	0.612	DCER(24 :0)	Sphingolipids	Dihydroceramide
CR	IGF-1	id_990	0.009	0.003	0.035	0.020	-0.031	-0.125	0.060	0.474	-0.022	-0.109	0.068	0.622	-0.438	-3.287	3.045	0.618	Total SM SUM	Sphingolipids	Sphingomyelins
CR	IGF-1	id_990	0.009	0.003	0.035	0.020	-0.031	-0.125	0.060	0.474	-0.022	-0.109	0.068	0.622	-0.438	-3.287	3.045	0.618	Total SM SUM	Sphingolipids	Sphingomyelins
CR	IGF-1	id_414	0.018	0.002	0.041	0.028	-0.039	-0.125	0.048	0.338	-0.022	-0.105	0.064	0.614	-0.830	-7.335	7.032	0.626	PE(P-18:1/18:1)	Phosphatidylethanolamine	PE Plasmalogen
CR	IGF-1	id_452	0.012	0.002	0.037	0.028	-0.033	-0.124	0.055	0.464	-0.022	-0.106	0.066	0.626	-0.555	-4.579	5.766	0.630	SM(20:0)	Sphingolipids	Sphingomyelin
CR	IGF-1	id_414	0.018	0.002	0.041	0.028	-0.039	-0.125	0.048	0.338	-0.022	-0.105	0.064	0.614	-0.830	-7.335	7.032	0.626	PE(P-18:1/18:1)	Phosphatidylethanolamine	PE Plasmalogen
CR	IGF-1	id_452	0.012	0.002	0.037	0.028	-0.033	-0.124	0.055	0.464	-0.022	-0.106	0.066	0.626	-0.555	-4.579	5.766	0.630	SM(20:0)	Sphingolipids	Sphingomyelin
CR	IGF-1	id_458	0.010	0.002	0.034	0.032	-0.032	-0.124	0.055	0.430	-0.022	-0.110	0.066	0.600	-0.473	-3.495	4.395	0.624	SM(26:0)	Sphingolipids	Sphingomyelin
CR	IGF-1	id_458	0.010	0.002	0.034	0.032	-0.032	-0.124	0.055	0.430	-0.022	-0.110	0.066	0.600	-0.473	-3.495	4.395	0.624	SM(26:0)	Sphingolipids	Sphingomyelin
CR	IGF-1	id_283	0.015	0.002	0.051	0.034	-0.037	-0.133	0.051	0.360	-0.022	-0.107	0.071	0.610	-0.717	-5.507	4.366	0.620	PC(18:1/20:3)	Phosphatidylcholine	PC Ester
CR	IGF-1	id_283	0.015	0.002	0.051	0.034	-0.037	-0.133	0.051	0.360	-0.022	-0.107	0.071	0.610	-0.717	-5.507	4.366	0.620	PC(18:1/20:3)	Phosphatidylcholine	PC Ester
CR	IGF-1	id_181	0.012	0.001	0.031	0.036	-0.033	-0.119	0.057	0.464	-0.022	-0.104	0.069	0.664	-0.557	-4.618	3.767	0.664	LPE(20:4)	Lysophosphatidylethanolamine	LPE Ester
CR	IGF-1	id_181	0.012	0.001	0.031	0.036	-0.033	-0.119	0.057	0.464	-0.022	-0.104	0.069	0.664	-0.557	-4.618	3.767	0.664	LPE(20:4)	Lysophosphatidylethanolamine	LPE Ester

CR	IGF-1	id_122	0.012	0.001	0.041	0.038	-0.034	-0.127	0.054	0.414	-0.022	-0.109	0.062	0.590	-0.558	-4.734	3.741	0.604	DCER(22:0)	Sphingolipids	Dihydroceramide
CR	IGF-1	id_401	0.012	0.000	0.031	0.038	-0.034	-0.121	0.057	0.460	-0.022	-0.106	0.069	0.634	-0.576	-6.126	3.767	0.636	PE(P-18:0/18:1)	Phosphatidylethanolamine	PE Plasmalogen
CR	IGF-1	id_122	0.012	0.001	0.041	0.038	-0.034	-0.127	0.054	0.414	-0.022	-0.109	0.062	0.590	-0.558	-4.734	3.741	0.604	DCER(22:0)	Sphingolipids	Dihydroceramide
CR	IGF-1	id_401	0.012	0.000	0.031	0.038	-0.034	-0.121	0.057	0.460	-0.022	-0.106	0.069	0.634	-0.576	-6.126	3.767	0.636	PE(P-18:0/18:1)	Phosphatidylethanolamine	PE Plasmalogen
CR	IGF-1	id_981	0.009	0.001	0.040	0.040	-0.031	-0.124	0.058	0.462	-0.022	-0.106	0.068	0.636	-0.418	-4.954	3.497	0.632	Total DCER	Sphingolipid SUM	Dihydroceramides
CR	IGF-1	id_981	0.009	0.001	0.040	0.040	-0.031	-0.124	0.058	0.462	-0.022	-0.106	0.068	0.636	-0.418	-4.954	3.497	0.632	Total DCER	Sphingolipid SUM	Dihydroceramides
CR	IGF-1	id_456	0.011	0.000	0.031	0.044	-0.033	-0.124	0.047	0.406	-0.022	-0.114	0.057	0.576	-0.521	-5.780	3.599	0.600	SM(24:0)	Sphingolipids	Sphingomyelin
CR	IGF-1	id_456	0.011	0.000	0.031	0.044	-0.033	-0.124	0.047	0.406	-0.022	-0.114	0.057	0.576	-0.521	-5.780	3.599	0.600	SM(24:0)	Sphingolipids	Sphingomyelin
CR	IGF-1	id_028	0.009	0.000	0.027	0.050	-0.031	-0.116	0.055	0.484	-0.022	-0.104	0.063	0.638	-0.435	-3.343	3.071	0.640	CE(18:1)	Cholesterol Ester	CE Ester
CR	IGF-1	id_448	0.013	0.000	0.039	0.050	-0.035	-0.119	0.059	0.454	-0.022	-0.099	0.069	0.676	-0.604	-4.104	4.569	0.686	SM(14:0)	Sphingolipids	Sphingomyelin
CR	IGF-1	id_028	0.009	0.000	0.027	0.050	-0.031	-0.116	0.055	0.484	-0.022	-0.104	0.063	0.638	-0.435	-3.343	3.071	0.640	CE(18:1)	Cholesterol Ester	CE Ester
CR	IGF-1	id_448	0.013	0.000	0.039	0.050	-0.035	-0.119	0.059	0.454	-0.022	-0.099	0.069	0.676	-0.604	-4.104	4.569	0.686	SM(14:0)	Sphingolipids	Sphingomyelin
CR	IGF-1	id_060	0.016	-0.001	0.039	0.062	-0.037	-0.121	0.048	0.418	-0.022	-0.098	0.066	0.670	-0.737	-5.718	6.281	0.704	DAG(12:0/18:1)	Diacylglycerol	DAG Ester
CR	IGF-1	id_060	0.016	-0.001	0.039	0.062	-0.037	-0.121	0.048	0.418	-0.022	-0.098	0.066	0.670	-0.737	-5.718	6.281	0.704	DAG(12:0/18:1)	Diacylglycerol	DAG Ester
CR	IGF-1	id_046	0.012	-0.004	0.036	0.076	-0.033	-0.125	0.051	0.450	-0.022	-0.107	0.063	0.622	-0.553	-4.554	3.647	0.646	CER(14:0)	Sphingolipids	Ceramide
CR	IGF-1	id_386	0.012	-0.001	0.029	0.076	-0.033	-0.123	0.058	0.454	-0.022	-0.110	0.068	0.646	-0.556	-4.362	4.190	0.674	PE(P-16:0/18:1)	Phosphatidylethanolamine	PE Plasmalogen
CR	IGF-1	id_046	0.012	-0.004	0.036	0.076	-0.033	-0.125	0.051	0.450	-0.022	-0.107	0.063	0.622	-0.553	-4.554	3.647	0.646	CER(14:0)	Sphingolipids	Ceramide
CR	IGF-1	id_386	0.012	-0.001	0.029	0.076	-0.033	-0.123	0.058	0.454	-0.022	-0.110	0.068	0.646	-0.556	-4.362	4.190	0.674	PE(P-16:0/18:1)	Phosphatidylethanolamine	PE Plasmalogen

CR	IGF-1	id_047	0.009	-0.001	0.029	0.078	-0.030	-0.119	0.061	0.482	-0.022	-0.110	0.070	0.634	-0.411	-3.542	2.475	0.620	CER(16:0 Sphingolipids	Ceramide
CR	IGF-1	id_047	0.009	-0.001	0.029	0.078	-0.030	-0.119	0.061	0.482	-0.022	-0.110	0.070	0.634	-0.411	-3.542	2.475	0.620	CER(16:0 Sphingolipids	Ceramide
CR	IGF-1	id_136	0.010	-0.001	0.029	0.080	-0.032	-0.116	0.060	0.464	-0.022	-0.104	0.069	0.644	-0.485	-2.512	3.853	0.680	HCER(22:1) Sphingolipids	Hexosylceramide
CR	IGF-1	id_136	0.010	-0.001	0.029	0.080	-0.032	-0.116	0.060	0.464	-0.022	-0.104	0.069	0.644	-0.485	-2.512	3.853	0.680	HCER(22:1) Sphingolipids	Hexosylceramide
CR	IGF-1	id_055	0.009	-0.001	0.022	0.084	-0.030	-0.121	0.053	0.498	-0.022	-0.112	0.059	0.636	-0.404	-2.341	3.165	0.680	CER(24:1 Sphingolipids	Ceramide
CR	IGF-1	id_055	0.009	-0.001	0.022	0.084	-0.030	-0.121	0.053	0.498	-0.022	-0.112	0.059	0.636	-0.404	-2.341	3.165	0.680	CER(24:1 Sphingolipids	Ceramide
CR	IGF-1	id_034	0.010	-0.003	0.035	0.088	-0.032	-0.126	0.050	0.440	-0.022	-0.108	0.058	0.608	-0.469	-4.008	3.660	0.644	CE(20:2) Ester	CE Ester
CR	IGF-1	id_034	0.010	-0.003	0.035	0.088	-0.032	-0.126	0.050	0.440	-0.022	-0.108	0.058	0.608	-0.469	-4.008	3.660	0.644	CE(20:2) Ester	CE Ester
CR	IGF-1	id_124	0.008	-0.002	0.024	0.090	-0.030	-0.120	0.051	0.480	-0.022	-0.114	0.060	0.618	-0.384	-3.828	2.799	0.664	DCER(22:2) Sphingolipids	Dihydroceramide
CR	IGF-1	id_124	0.008	-0.002	0.024	0.090	-0.030	-0.120	0.051	0.480	-0.022	-0.114	0.060	0.618	-0.384	-3.828	2.799	0.664	DCER(22:2) Sphingolipids	Dihydroceramide
CR	IGF-1	id_411	0.014	-0.002	0.033	0.098	-0.035	-0.120	0.048	0.416	-0.022	-0.104	0.061	0.598	-0.644	-4.933	4.907	0.656	PE(P-18:1/16:0) Phosphatidylethanolamine	Plasmalogen
CR	IGF-1	id_411	0.014	-0.002	0.033	0.098	-0.035	-0.120	0.048	0.416	-0.022	-0.104	0.061	0.598	-0.644	-4.933	4.907	0.656	PE(P-18:1/16:0) Phosphatidylethanolamine	Plasmalogen
CR	IGF-1	id_978	0.009	-0.003	0.025	0.102	-0.031	-0.118	0.059	0.462	-0.022	-0.107	0.065	0.604	-0.427	-4.622	2.641	0.634	Total CE Neutral Complex Lipids SUM	Cholesteryl Esters
CR	IGF-1	id_978	0.009	-0.003	0.025	0.102	-0.031	-0.118	0.059	0.462	-0.022	-0.107	0.065	0.604	-0.427	-4.622	2.641	0.634	Total CE Neutral Complex Lipids SUM	Cholesteryl Esters
CR	IGF-1	id_035	0.010	-0.005	0.031	0.104	-0.032	-0.121	0.057	0.470	-0.022	-0.108	0.067	0.622	-0.465	-4.816	2.936	0.658	CE(20:3) Cholesterol Ester	CE Ester
CR	IGF-1	id_035	0.010	-0.005	0.031	0.104	-0.032	-0.121	0.057	0.470	-0.022	-0.108	0.067	0.622	-0.465	-4.816	2.936	0.658	CE(20:3) Cholesterol Ester	CE Ester
CR	IGF-1	id_453	0.011	-0.005	0.034	0.106	-0.033	-0.126	0.059	0.416	-0.022	-0.111	0.064	0.600	-0.527	-4.598	4.084	0.634	SM(20:1) Sphingolipids	Sphingomyelin
CR	IGF-1	id_453	0.011	-0.005	0.034	0.106	-0.033	-0.126	0.059	0.416	-0.022	-0.111	0.064	0.600	-0.527	-4.598	4.084	0.634	SM(20:1) Sphingolipids	Sphingomyelin
CR	IGF-1	id_200	0.010	-0.001	0.030	0.112	-0.032	-0.112	0.047	0.462	-0.022	-0.104	0.060	0.624	-0.468	-4.059	3.413	0.688	2) MAG	Ester

CR	IGF-1	id_415	0.012	-0.003	0.029	0.112	-0.034	-0.118	0.062	0.488	-0.022	-0.107	0.068	0.668	-0.560	-4.131	3.960	0.668	PE(P-18:1/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	IGF-1	id_200	0.010	-0.001	0.030	0.112	-0.032	-0.112	0.047	0.462	-0.022	-0.104	0.060	0.624	-0.468	-4.059	3.413	0.688	PE(P-18:1/18:2)	MAG	Ester
CR	IGF-1	id_415	0.012	-0.003	0.029	0.112	-0.034	-0.118	0.062	0.488	-0.022	-0.107	0.068	0.668	-0.560	-4.131	3.960	0.668	PE(P-18:1/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	IGF-1	id_132	0.009	-0.005	0.027	0.114	-0.030	-0.117	0.059	0.496	-0.022	-0.105	0.066	0.622	-0.405	-4.892	3.338	0.668	HCER(18:1)	Sphingolipids	Hexosylceramide
CR	IGF-1	id_132	0.009	-0.005	0.027	0.114	-0.030	-0.117	0.059	0.496	-0.022	-0.105	0.066	0.622	-0.405	-4.892	3.338	0.668	HCER(18:1)	Sphingolipids	Hexosylceramide
CR	IGF-1	id_041	0.008	-0.001	0.023	0.118	-0.029	-0.111	0.061	0.534	-0.022	-0.101	0.067	0.680	-0.370	-2.339	2.712	0.730	CE(22:4)	Cholesterol Ester	CE Ester
CR	IGF-1	id_987	0.010	-0.003	0.030	0.118	-0.031	-0.121	0.058	0.464	-0.022	-0.109	0.069	0.584	-0.458	-2.628	2.951	0.650	Total PC SUM	Phospholipid	Phosphatidylcholines
CR	IGF-1	id_041	0.008	-0.001	0.023	0.118	-0.029	-0.111	0.061	0.534	-0.022	-0.101	0.067	0.680	-0.370	-2.339	2.712	0.730	CE(22:4)	Cholesterol Ester	CE Ester
CR	IGF-1	id_987	0.010	-0.003	0.030	0.118	-0.031	-0.121	0.058	0.464	-0.022	-0.109	0.069	0.584	-0.458	-2.628	2.951	0.650	Total PC SUM	Phospholipid	Phosphatidylcholines
CR	IGF-1	id_134	0.009	-0.004	0.025	0.122	-0.030	-0.120	0.063	0.434	-0.022	-0.109	0.067	0.546	-0.408	-2.687	2.569	0.608	HCER(20:1)	Sphingolipids	Hexosylceramide
CR	IGF-1	id_134	0.009	-0.004	0.025	0.122	-0.030	-0.120	0.063	0.434	-0.022	-0.109	0.067	0.546	-0.408	-2.687	2.569	0.608	HCER(20:1)	Sphingolipids	Hexosylceramide
CR	IGF-1	id_024	0.008	-0.004	0.027	0.124	-0.030	-0.118	0.058	0.460	-0.022	-0.104	0.064	0.576	-0.390	-2.848	1.942	0.624	CE(16:0)	Cholesterol Ester	CE Ester
CR	IGF-1	id_024	0.008	-0.004	0.027	0.124	-0.030	-0.118	0.058	0.460	-0.022	-0.104	0.064	0.576	-0.390	-2.848	1.942	0.624	CE(16:0)	Cholesterol Ester	CE Ester
CR	IGF-1	id_029	0.008	-0.004	0.024	0.126	-0.029	-0.125	0.059	0.536	-0.022	-0.112	0.067	0.664	-0.355	-2.330	2.339	0.714	CE(18:2)	Cholesterol Ester	CE Ester
CR	IGF-1	id_029	0.008	-0.004	0.024	0.126	-0.029	-0.125	0.059	0.536	-0.022	-0.112	0.067	0.664	-0.355	-2.330	2.339	0.714	CE(18:2)	Cholesterol Ester	CE Ester
CR	IGF-1	id_052	0.011	-0.005	0.036	0.128	-0.033	-0.131	0.054	0.448	-0.022	-0.110	0.062	0.630	-0.513	-3.524	4.148	0.658	CER(22:0)	Sphingolipids	Ceramide
CR	IGF-1	id_052	0.011	-0.005	0.036	0.128	-0.033	-0.131	0.054	0.448	-0.022	-0.110	0.062	0.630	-0.513	-3.524	4.148	0.658	CER(22:0)	Sphingolipids	Ceramide
CR	IGF-1	id_284	0.009	-0.003	0.027	0.134	-0.031	-0.121	0.049	0.434	-0.022	-0.113	0.056	0.570	-0.438	-2.670	3.661	0.644	PC(18:1/20:4)	Phosphatidylcholine	PC Ester
CR	IGF-1	id_284	0.009	-0.003	0.027	0.134	-0.031	-0.121	0.049	0.434	-0.022	-0.113	0.056	0.570	-0.438	-2.670	3.661	0.644	PC(18:1/20:4)	Phosphatidylcholine	PC Ester
CR	IGF-1	id_279	0.007	-0.002	0.019	0.136	-0.028	-0.119	0.054	0.500	-0.022	-0.110	0.059	0.596	-0.307	-2.156	1.960	0.692	PC(18:1/18:2)	Phosphatidylcholine	PC Ester

CR	IGF-1	id_150	-0.010	-0.029	0.003	0.136	-0.011	-0.096	0.080	0.758	-0.022	-0.107	0.069	0.608	0.472	-2.588	2.545	0.620	LCER(24:1)	Sphingolipids	Lactosylceramide
CR	IGF-1	id_279	0.007	-0.002	0.019	0.136	-0.028	-0.119	0.054	0.500	-0.022	-0.110	0.059	0.596	-0.307	-2.156	1.960	0.692	PC(18:1/18:2)	Phosphatidylcholine	PC Ester
CR	IGF-1	id_150	-0.010	-0.029	0.003	0.136	-0.011	-0.096	0.080	0.758	-0.022	-0.107	0.069	0.608	0.472	-2.588	2.545	0.620	LCER(24:1)	Sphingolipids	Lactosylceramide
CR	IGF-1	id_201	0.007	-0.002	0.022	0.138	-0.029	-0.114	0.053	0.478	-0.022	-0.107	0.066	0.580	-0.346	-2.361	1.853	0.658	CER(26:1)	MAG	Ester
CR	IGF-1	id_201	0.007	-0.002	0.022	0.138	-0.029	-0.114	0.053	0.478	-0.022	-0.107	0.066	0.580	-0.346	-2.361	1.853	0.658	CER(26:1)	MAG	Ester
CR	IGF-1	id_120	0.007	-0.003	0.025	0.144	-0.028	-0.109	0.056	0.534	-0.022	-0.098	0.066	0.666	-0.319	-2.648	2.335	0.686	DCER(20:0)	Sphingolipids	Dihydroceramide
CR	IGF-1	id_120	0.007	-0.003	0.025	0.144	-0.028	-0.109	0.056	0.534	-0.022	-0.098	0.066	0.666	-0.319	-2.648	2.335	0.686	DCER(20:0)	Sphingolipids	Dihydroceramide
CR	IGF-1	id_057	0.009	-0.003	0.025	0.150	-0.030	-0.115	0.058	0.478	-0.022	-0.107	0.073	0.640	-0.417	-2.723	3.746	0.714	CER(26:1)	Sphingolipids	Ceramide
CR	IGF-1	id_761	0.005	-0.009	0.025	0.150	-0.026	-0.115	0.055	0.522	-0.022	-0.108	0.062	0.594	-0.219	-2.283	2.608	0.632	TAG53:4-FA18:1	Triacylglycerol	TAG Ester
CR	IGF-1	id_057	0.009	-0.003	0.025	0.150	-0.030	-0.115	0.058	0.478	-0.022	-0.107	0.073	0.640	-0.417	-2.723	3.746	0.714	CER(26:1)	Sphingolipids	Ceramide
CR	IGF-1	id_761	0.005	-0.009	0.025	0.150	-0.026	-0.115	0.055	0.522	-0.022	-0.108	0.062	0.594	-0.219	-2.283	2.608	0.632	TAG53:4-FA18:1	Triacylglycerol	TAG Ester
CR	IGF-1	id_042	0.007	-0.002	0.022	0.152	-0.029	-0.119	0.057	0.532	-0.022	-0.110	0.062	0.658	-0.335	-1.853	2.999	0.678	Cholesterol CE(22:5)	Ester	CE Ester
CR	IGF-1	id_042	0.007	-0.002	0.022	0.152	-0.029	-0.119	0.057	0.532	-0.022	-0.110	0.062	0.658	-0.335	-1.853	2.999	0.678	Cholesterol CE(22:5)	Ester	CE Ester
CR	IGF-1	id_449	0.006	-0.002	0.016	0.154	-0.027	-0.117	0.060	0.486	-0.022	-0.112	0.062	0.594	-0.273	-2.056	3.079	0.644	SM(16:0)	Sphingolipids	Sphingomyelin
CR	IGF-1	id_449	0.006	-0.002	0.016	0.154	-0.027	-0.117	0.060	0.486	-0.022	-0.112	0.062	0.594	-0.273	-2.056	3.079	0.644	SM(16:0)	Sphingolipids	Sphingomyelin
CR	IGF-1	id_196	0.006	-0.003	0.018	0.178	-0.028	-0.112	0.061	0.552	-0.022	-0.105	0.068	0.650	-0.285	-2.603	2.941	0.716	CER(26:1)	MAG	Ester
CR	IGF-1	id_196	0.006	-0.003	0.018	0.178	-0.028	-0.112	0.061	0.552	-0.022	-0.105	0.068	0.650	-0.285	-2.603	2.941	0.716	CER(26:1)	MAG	Ester
CR	IGF-1	id_026	0.008	-0.008	0.028	0.186	-0.029	-0.127	0.059	0.518	-0.022	-0.113	0.065	0.638	-0.356	-3.249	2.593	0.700	Cholesterol CE(17:0)	Ester	CE Ester
CR	IGF-1	id_026	0.008	-0.008	0.028	0.186	-0.029	-0.127	0.059	0.518	-0.022	-0.113	0.065	0.638	-0.356	-3.249	2.593	0.700	Cholesterol CE(17:0)	Ester	CE Ester
CR	IGF-1	id_422	0.013	-0.008	0.036	0.190	-0.035	-0.126	0.049	0.442	-0.022	-0.108	0.059	0.650	-0.619	-4.331	3.842	0.644	PE(P-18:1/22:5)	Phosphatidylethanolamine	PE Plasmalogen
CR	IGF-1	id_422	0.013	-0.008	0.036	0.190	-0.035	-0.126	0.049	0.442	-0.022	-0.108	0.059	0.650	-0.619	-4.331	3.842	0.644	PE(P-18:1/22:5)	Phosphatidylethanolamine	PE Plasmalogen

CR	IGF-1	id_036	0.008	-0.004	0.023	0.196	-0.029	-0.123	0.063	0.516	-0.022	-0.112	0.068	0.650	-0.358	-4.268	2.464	0.694	CE(20:4)	Cholesterol Ester	CE Ester
CR	IGF-1	id_036	0.008	-0.004	0.023	0.196	-0.029	-0.123	0.063	0.516	-0.022	-0.112	0.068	0.650	-0.358	-4.268	2.464	0.694	CE(20:4)	Cholesterol Ester	CE Ester
CR	IGF-1	id_145	0.008	-0.003	0.022	0.200	-0.029	-0.115	0.052	0.506	-0.022	-0.105	0.060	0.598	-0.352	-2.416	1.665	0.690	LCER(20:0)	Sphingolipids	Lactosylceramide
CR	IGF-1	id_145	0.008	-0.003	0.022	0.200	-0.029	-0.115	0.052	0.506	-0.022	-0.105	0.060	0.598	-0.352	-2.416	1.665	0.690	LCER(20:0)	Sphingolipids	Lactosylceramide
CR	IGF-1	id_050	0.009	-0.008	0.027	0.202	-0.030	-0.116	0.057	0.526	-0.022	-0.102	0.063	0.644	-0.407	-2.948	3.667	0.690	CER(20:0)	Sphingolipids	Ceramide
CR	IGF-1	id_241	0.007	-0.004	0.019	0.202	-0.029	-0.116	0.058	0.526	-0.022	-0.110	0.066	0.626	-0.337	-2.624	2.657	0.688	PC(16:0/18:2)	Phosphatidylcholine	PC Ester
CR	IGF-1	id_050	0.009	-0.008	0.027	0.202	-0.030	-0.116	0.057	0.526	-0.022	-0.102	0.063	0.644	-0.407	-2.948	3.667	0.690	CER(20:0)	Sphingolipids	Ceramide
CR	IGF-1	id_241	0.007	-0.004	0.019	0.202	-0.029	-0.116	0.058	0.526	-0.022	-0.110	0.066	0.626	-0.337	-2.624	2.657	0.688	PC(16:0/18:2)	Phosphatidylcholine	PC Ester
CR	IGF-1	id_755	0.003	-0.003	0.012	0.210	-0.025	-0.122	0.064	0.600	-0.022	-0.117	0.067	0.646	-0.152	-1.161	0.973	0.724	TAG53:3-FA18:0	Triacylglycerol	TAG Ester
CR	IGF-1	id_755	0.003	-0.003	0.012	0.210	-0.025	-0.122	0.064	0.600	-0.022	-0.117	0.067	0.646	-0.152	-1.161	0.973	0.724	TAG53:3-FA18:0	Triacylglycerol	TAG Ester
CR	IGF-1	id_027	0.007	-0.011	0.022	0.212	-0.029	-0.118	0.063	0.502	-0.022	-0.107	0.069	0.592	-0.328	-4.840	2.719	0.632	CE(18:0)	Cholesterol Ester	CE Ester
CR	IGF-1	id_027	0.007	-0.011	0.022	0.212	-0.029	-0.118	0.063	0.502	-0.022	-0.107	0.069	0.592	-0.328	-4.840	2.719	0.632	CE(18:0)	Cholesterol Ester	CE Ester
CR	IGF-1	id_856	0.004	-0.004	0.013	0.220	-0.025	-0.115	0.065	0.568	-0.022	-0.112	0.068	0.642	-0.165	-1.685	1.572	0.738	TAG55:6-FA18:1	Triacylglycerol	TAG Ester
CR	IGF-1	id_856	0.004	-0.004	0.013	0.220	-0.025	-0.115	0.065	0.568	-0.022	-0.112	0.068	0.642	-0.165	-1.685	1.572	0.738	TAG55:6-FA18:1	Triacylglycerol	TAG Ester
CR	IGF-1	id_257	0.006	-0.004	0.018	0.234	-0.027	-0.113	0.065	0.558	-0.022	-0.106	0.070	0.636	-0.262	-1.866	1.857	0.718	PC(17:0/20:4)	Phosphatidylcholine	PC Ester
CR	IGF-1	id_257	0.006	-0.004	0.018	0.234	-0.027	-0.113	0.065	0.558	-0.022	-0.106	0.070	0.636	-0.262	-1.866	1.857	0.718	PC(17:0/20:4)	Phosphatidylcholine	PC Ester
CR	IGF-1	id_023	0.007	-0.012	0.021	0.242	-0.028	-0.121	0.061	0.494	-0.022	-0.111	0.067	0.576	-0.307	-2.646	1.937	0.658	CE(15:0)	Cholesterol Ester	CE Ester
CR	IGF-1	id_023	0.007	-0.012	0.021	0.242	-0.028	-0.121	0.061	0.494	-0.022	-0.111	0.067	0.576	-0.307	-2.646	1.937	0.658	CE(15:0)	Cholesterol Ester	CE Ester
CR	IGF-1	id_861	0.004	-0.005	0.013	0.248	-0.025	-0.116	0.065	0.536	-0.022	-0.108	0.068	0.600	-0.163	-1.496	1.254	0.772	TAG55:7-FA20:3	Triacylglycerol	TAG Ester
CR	IGF-1	id_861	0.004	-0.005	0.013	0.248	-0.025	-0.116	0.065	0.536	-0.022	-0.108	0.068	0.600	-0.163	-1.496	1.254	0.772	TAG55:7-FA20:3	Triacylglycerol	TAG Ester

CR	IGF-1	id_402	0.008	-0.007	0.021	0.258	-0.030	-0.119	0.060	0.520	-0.022	-0.111	0.064	0.624	-0.373	-2.517	3.381	0.702	PE(P-18:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen
CR	IGF-1	id_402	0.008	-0.007	0.021	0.258	-0.030	-0.119	0.060	0.520	-0.022	-0.111	0.064	0.624	-0.373	-2.517	3.381	0.702	PE(P-18:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen
CR	IGF-1	id_117	0.005	-0.004	0.015	0.266	-0.026	-0.120	0.061	0.572	-0.022	-0.112	0.064	0.638	-0.226	-1.402	1.695	0.732	DCER(16:0)	Sphingolipids	Dihydroceramide
CR	IGF-1	id_117	0.005	-0.004	0.015	0.266	-0.026	-0.120	0.061	0.572	-0.022	-0.112	0.064	0.638	-0.226	-1.402	1.695	0.732	DCER(16:0)	Sphingolipids	Dihydroceramide
CR	IGF-1	id_424	0.007	-0.006	0.021	0.272	-0.028	-0.115	0.058	0.518	-0.022	-0.106	0.062	0.594	-0.318	-2.602	2.183	0.674	PE(P-18:2/18:2)	Phosphatidylethanolamine	PE Plasmalogen
CR	IGF-1	id_424	0.007	-0.006	0.021	0.272	-0.028	-0.115	0.058	0.518	-0.022	-0.106	0.062	0.594	-0.318	-2.602	2.183	0.674	PE(P-18:2/18:2)	Phosphatidylethanolamine	PE Plasmalogen
CR	IGF-1	id_126	0.004	-0.007	0.015	0.274	-0.026	-0.105	0.060	0.578	-0.022	-0.100	0.063	0.648	-0.204	-1.615	2.290	0.754	DCER(24:1)	Sphingolipids	Dihydroceramide
CR	IGF-1	id_157	0.004	-0.003	0.015	0.274	-0.026	-0.114	0.064	0.562	-0.022	-0.107	0.066	0.622	-0.207	-2.049	1.434	0.716	LPC(17:0)	Lysophosphatidylcholine	LPC Ester
CR	IGF-1	id_126	0.004	-0.007	0.015	0.274	-0.026	-0.105	0.060	0.578	-0.022	-0.100	0.063	0.648	-0.204	-1.615	2.290	0.754	DCER(24:1)	Sphingolipids	Dihydroceramide
CR	IGF-1	id_157	0.004	-0.003	0.015	0.274	-0.026	-0.114	0.064	0.562	-0.022	-0.107	0.066	0.622	-0.207	-2.049	1.434	0.716	LPC(17:0)	Lysophosphatidylcholine	LPC Ester
CR	IGF-1	id_760	0.003	-0.006	0.014	0.284	-0.025	-0.120	0.061	0.580	-0.022	-0.111	0.065	0.650	-0.156	-2.218	1.664	0.746	TAG53:4-FA18:0	Triacylglycerol	TAG Ester
CR	IGF-1	id_760	0.003	-0.006	0.014	0.284	-0.025	-0.120	0.061	0.580	-0.022	-0.111	0.065	0.650	-0.156	-2.218	1.664	0.746	TAG53:4-FA18:0	Triacylglycerol	TAG Ester
CR	IGF-1	id_071	0.011	-0.010	0.032	0.286	-0.033	-0.117	0.058	0.532	-0.022	-0.109	0.066	0.682	-0.526	-4.256	3.492	0.808	DAG(14:1/16:0)	Diacylglycerol	DAG Ester
CR	IGF-1	id_071	0.011	-0.010	0.032	0.286	-0.033	-0.117	0.058	0.532	-0.022	-0.109	0.066	0.682	-0.526	-4.256	3.492	0.808	DAG(14:1/16:0)	Diacylglycerol	DAG Ester
CR	IGF-1	id_864	0.003	-0.004	0.012	0.292	-0.025	-0.115	0.064	0.604	-0.022	-0.110	0.068	0.642	-0.152	-1.854	1.544	0.762	TAG55:8-FA20:4	Triacylglycerol	TAG Ester
CR	IGF-1	id_864	0.003	-0.004	0.012	0.292	-0.025	-0.115	0.064	0.604	-0.022	-0.110	0.068	0.642	-0.152	-1.854	1.544	0.762	TAG55:8-FA20:4	Triacylglycerol	TAG Ester
CR	IGF-1	id_421	0.008	-0.012	0.024	0.300	-0.029	-0.118	0.057	0.476	-0.022	-0.110	0.062	0.562	-0.365	-3.229	2.367	0.686	PE(P-18:1/22:4)	Phosphatidylethanolamine	PE Plasmalogen

CR	IGF-1	id_421	0.008	-0.012	0.024	0.300	-0.029	-0.118	0.057	0.476	-0.022	-0.110	0.062	0.562	-0.365	-3.229	2.367	0.686	PE(18:1/22:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	IGF-1	id_123	0.004	-0.005	0.012	0.306	-0.025	-0.118	0.064	0.578	-0.022	-0.115	0.067	0.634	-0.181	-1.870	1.154	0.788	DCER(22:1)	Sphingolipids	Dihydroceramide
CR	IGF-1	id_123	0.004	-0.005	0.012	0.306	-0.025	-0.118	0.064	0.578	-0.022	-0.115	0.067	0.634	-0.181	-1.870	1.154	0.788	DCER(22:1)	Sphingolipids	Dihydroceramide
CR	IGF-1	id_457	0.006	-0.010	0.017	0.308	-0.028	-0.118	0.061	0.508	-0.022	-0.116	0.067	0.592	-0.285	-3.087	1.591	0.756	SM(24:1)	Sphingolipids	Sphingomyelin
CR	IGF-1	id_457	0.006	-0.010	0.017	0.308	-0.028	-0.118	0.061	0.508	-0.022	-0.116	0.067	0.592	-0.285	-3.087	1.591	0.756	SM(24:1)	Sphingolipids	Sphingomyelin
CR	IGF-1	id_857	0.003	-0.004	0.010	0.312	-0.024	-0.109	0.072	0.608	-0.022	-0.105	0.075	0.668	-0.134	-1.347	1.379	0.776	TAG55:6-FA20:3	Triacylglycerols	TAG Ester
CR	IGF-1	id_857	0.003	-0.004	0.010	0.312	-0.024	-0.109	0.072	0.608	-0.022	-0.105	0.075	0.668	-0.134	-1.347	1.379	0.776	TAG55:6-FA20:3	Triacylglycerols	TAG Ester
CR	IGF-1	id_116	0.010	-0.011	0.029	0.318	-0.031	-0.114	0.059	0.486	-0.022	-0.103	0.065	0.604	-0.461	-4.026	2.911	0.794	DCER(14:0)	Sphingolipids	Dihydroceramide
CR	IGF-1	id_771	0.003	-0.010	0.014	0.318	-0.025	-0.103	0.067	0.576	-0.022	-0.099	0.070	0.618	-0.153	-1.675	1.035	0.744	TAG53:6-FA18:3	Triacylglycerols	TAG Ester
CR	IGF-1	id_332	0.004	-0.004	0.017	0.318	-0.026	-0.118	0.066	0.532	-0.022	-0.114	0.073	0.584	-0.207	-1.845	1.302	0.678	PE(18:0/18:0)	Phosphatidyl ethanolamine	PE Ester
CR	IGF-1	id_116	0.010	-0.011	0.029	0.318	-0.031	-0.114	0.059	0.486	-0.022	-0.103	0.065	0.604	-0.461	-4.026	2.911	0.794	DCER(14:0)	Sphingolipids	Dihydroceramide
CR	IGF-1	id_771	0.003	-0.010	0.014	0.318	-0.025	-0.103	0.067	0.576	-0.022	-0.099	0.070	0.618	-0.153	-1.675	1.035	0.744	TAG53:6-FA18:3	Triacylglycerols	TAG Ester
CR	IGF-1	id_332	0.004	-0.004	0.017	0.318	-0.026	-0.118	0.066	0.532	-0.022	-0.114	0.073	0.584	-0.207	-1.845	1.302	0.678	PE(18:0/18:0)	Phosphatidyl ethanolamine	PE Ester
CR	IGF-1	id_860	0.005	-0.015	0.019	0.320	-0.027	-0.117	0.063	0.588	-0.022	-0.108	0.065	0.676	-0.234	-2.118	2.172	0.752	TAG55:7-FA18:1	Triacylglycerols	TAG Ester
CR	IGF-1	id_860	0.005	-0.015	0.019	0.320	-0.027	-0.117	0.063	0.588	-0.022	-0.108	0.065	0.676	-0.234	-2.118	2.172	0.752	TAG55:7-FA18:1	Triacylglycerols	TAG Ester
CR	IGF-1	id_298	0.005	-0.004	0.016	0.328	-0.026	-0.110	0.063	0.546	-0.022	-0.104	0.064	0.602	-0.221	-2.014	1.414	0.734	PC(18:2/22:5)	Phosphatidyl choline	PC Ester
CR	IGF-1	id_298	0.005	-0.004	0.016	0.328	-0.026	-0.110	0.063	0.546	-0.022	-0.104	0.064	0.602	-0.221	-2.014	1.414	0.734	PC(18:2/22:5)	Phosphatidyl choline	PC Ester
CR	IGF-1	id_033	0.004	-0.005	0.013	0.332	-0.026	-0.104	0.062	0.608	-0.022	-0.102	0.066	0.668	-0.187	-1.618	1.169	0.752	CE(20:1)	Cholesterol Ester	CE Ester
CR	IGF-1	id_033	0.004	-0.005	0.013	0.332	-0.026	-0.104	0.062	0.608	-0.022	-0.102	0.066	0.668	-0.187	-1.618	1.169	0.752	CE(20:1)	Cholesterol Ester	CE Ester

AL	IGF-1	id_023	0.007	-0.007	0.031	0.418	-0.122	-0.229	-0.019	0.018	-0.115	-0.216	-0.014	0.030	-0.060	-0.485	0.099	0.440	CE(15:0)	Cholesterol Ester	CE Ester
AL	IGF-1	id_024	0.003	-0.017	0.024	0.754	-0.118	-0.218	-0.010	0.030	-0.115	-0.216	-0.005	0.040	-0.025	-0.411	0.271	0.774	CE(16:0)	Cholesterol Ester	CE Ester
AL	IGF-1	id_026	0.001	-0.010	0.015	0.850	-0.116	-0.222	-0.015	0.038	-0.115	-0.220	-0.015	0.030	-0.010	-0.164	0.132	0.844	CE(17:0)	Cholesterol Ester	CE Ester
AL	IGF-1	id_027	0.001	-0.015	0.013	0.922	-0.116	-0.214	-0.014	0.032	-0.115	-0.214	-0.013	0.034	-0.012	-0.190	0.207	0.924	CE(18:0)	Cholesterol Ester	CE Ester
AL	IGF-1	id_028	0.004	-0.014	0.021	0.614	-0.119	-0.214	-0.013	0.036	-0.115	-0.211	-0.010	0.036	-0.034	-0.308	0.223	0.638	CE(18:1)	Cholesterol Ester	CE Ester
AL	IGF-1	id_029	0.003	-0.014	0.015	0.856	-0.118	-0.223	-0.013	0.028	-0.115	-0.221	-0.013	0.028	-0.023	-0.187	0.187	0.868	CE(18:2)	Cholesterol Ester	CE Ester
AL	IGF-1	id_033	-0.002	-0.021	0.008	0.772	-0.113	-0.217	-0.011	0.034	-0.115	-0.217	-0.010	0.026	0.015	-0.125	0.307	0.774	CE(20:1)	Cholesterol Ester	CE Ester
AL	IGF-1	id_034	0.003	-0.012	0.020	0.684	-0.118	-0.222	-0.014	0.038	-0.115	-0.223	-0.013	0.034	-0.029	-0.305	0.146	0.702	CE(20:2)	Cholesterol Ester	CE Ester
AL	IGF-1	id_035	0.001	-0.014	0.019	0.854	-0.116	-0.213	-0.016	0.030	-0.115	-0.213	-0.017	0.030	-0.012	-0.240	0.177	0.856	CE(20:3)	Cholesterol Ester	CE Ester
AL	IGF-1	id_036	-0.001	-0.020	0.011	0.862	-0.114	-0.219	-0.013	0.030	-0.115	-0.222	-0.015	0.028	0.012	-0.151	0.241	0.854	CE(20:4)	Cholesterol Ester	CE Ester
AL	IGF-1	id_041	0.001	-0.017	0.014	0.964	-0.116	-0.216	-0.014	0.034	-0.115	-0.215	-0.016	0.028	-0.006	-0.194	0.239	0.972	CE(22:4)	Cholesterol Ester	CE Ester
AL	IGF-1	id_042	-0.006	-0.036	0.014	0.576	-0.109	-0.209	-0.003	0.044	-0.115	-0.216	-0.013	0.020	0.050	-0.194	0.634	0.572	CE(22:5)	Cholesterol Ester	CE Ester
AL	IGF-1	id_043	-0.005	-0.036	0.017	0.630	-0.110	-0.208	-0.001	0.050	-0.115	-0.221	-0.004	0.046	0.045	-0.332	0.461	0.624	CE(22:6)	Cholesterol Ester	CE Ester
AL	IGF-1	id_044	0.003	-0.008	0.014	0.542	-0.118	-0.220	-0.009	0.034	-0.115	-0.217	-0.008	0.032	-0.028	-0.186	0.125	0.554	CE(24:0)	Cholesterol Ester	CE Ester
AL	IGF-1	id_045	0.002	-0.011	0.020	0.680	-0.117	-0.225	-0.008	0.038	-0.115	-0.218	-0.009	0.038	-0.021	-0.246	0.223	0.678	CE(24:1)	Cholesterol Ester	CE Ester
AL	IGF-1	id_046	-0.001	-0.012	0.014	0.998	-0.114	-0.224	-0.007	0.034	-0.115	-0.224	-0.007	0.032	0.005	-0.187	0.166	0.998	CER(14:0)	Sphingolipids	Ceramide
AL	IGF-1	id_047	-0.001	-0.013	0.011	0.960	-0.114	-0.225	-0.010	0.036	-0.115	-0.227	-0.010	0.032	0.004	-0.161	0.205	0.944	CER(16:0)	Sphingolipids	Ceramide
AL	IGF-1	id_048	-0.002	-0.022	0.011	0.784	-0.113	-0.218	-0.006	0.036	-0.115	-0.218	-0.008	0.034	0.014	-0.184	0.263	0.786	CER(18:0)	Sphingolipids	Ceramide
AL	IGF-1	id_049	0.003	-0.021	0.022	0.818	-0.118	-0.206	-0.017	0.020	-0.115	-0.207	-0.014	0.028	-0.025	-0.390	0.274	0.838	CER(18:1)	Sphingolipids	Ceramide
AL	IGF-1	id_050	-0.002	-0.021	0.013	0.738	-0.113	-0.217	-0.006	0.040	-0.115	-0.218	-0.008	0.036	0.018	-0.199	0.301	0.734	CER(20:0)	Sphingolipids	Ceramide

AL	IGF-1	id_051	0.005	-0.014	0.023	0.654	-0.120	-0.217	-0.020	0.020	-0.115	-0.212	-0.017	0.026	-0.041	-0.307	0.204	0.668	CER(20:1 Sphingolipids	Ceramide
AL	IGF-1	id_052	0.000	-0.013	0.012	0.978	-0.115	-0.217	-0.005	0.044	-0.115	-0.219	-0.005	0.040	-0.003	-0.184	0.228	0.974	CER(22:0 Sphingolipids	Ceramide
AL	IGF-1	id_053	0.002	-0.011	0.021	0.756	-0.117	-0.231	-0.009	0.032	-0.115	-0.227	-0.008	0.036	-0.017	-0.291	0.171	0.772	CER(22:1 Sphingolipids	Ceramide
AL	IGF-1	id_054	0.000	-0.013	0.010	0.836	-0.115	-0.215	0.000	0.050	-0.115	-0.215	-0.004	0.044	-0.001	-0.115	0.243	0.840	CER(24:0 Sphingolipids	Ceramide
AL	IGF-1	id_055	-0.001	-0.023	0.015	0.894	-0.114	-0.219	0.001	0.054	-0.115	-0.217	0.000	0.052	0.007	-0.240	0.296	0.914	CER(24:1 Sphingolipids	Ceramide
AL	IGF-1	id_057	0.008	-0.021	0.038	0.538	-0.123	-0.222	-0.021	0.022	-0.115	-0.221	-0.010	0.032	-0.071	-0.714	0.244	0.562	CER(26:1 Sphingolipids	Ceramide
AL	IGF-1	id_116	0.000	-0.012	0.010	0.840	-0.115	-0.220	-0.010	0.034	-0.115	-0.222	-0.011	0.032	0.004	-0.141	0.181	0.852	DCER(14 Sphingolipids	Dihydroceramide
AL	IGF-1	id_117	-0.002	-0.022	0.014	0.862	-0.113	-0.216	-0.010	0.034	-0.115	-0.217	-0.010	0.032	0.016	-0.216	0.285	0.858	DCER(16 Sphingolipids	Dihydroceramide
AL	IGF-1	id_118	0.003	-0.025	0.022	0.842	-0.118	-0.225	-0.008	0.024	-0.115	-0.226	-0.004	0.046	-0.024	-0.342	0.396	0.876	DCER(18 Sphingolipids	Dihydroceramide
AL	IGF-1	id_119	-0.001	-0.024	0.006	0.632	-0.114	-0.215	-0.009	0.040	-0.115	-0.216	-0.011	0.032	0.013	-0.086	0.262	0.648	DCER(18 Sphingolipids	Dihydroceramide
AL	IGF-1	id_120	0.001	-0.015	0.023	0.868	-0.116	-0.219	-0.018	0.022	-0.115	-0.218	-0.015	0.030	-0.009	-0.331	0.181	0.882	DCER(20 Sphingolipids	Dihydroceramide
AL	IGF-1	id_121	0.000	-0.018	0.013	0.900	-0.115	-0.218	-0.009	0.036	-0.115	-0.219	-0.011	0.026	-0.003	-0.164	0.243	0.898	DCER(20 Sphingolipids	Dihydroceramide
AL	IGF-1	id_122	0.000	-0.012	0.012	0.968	-0.115	-0.218	-0.012	0.032	-0.115	-0.220	-0.012	0.032	0.002	-0.181	0.177	0.972	DCER(22 Sphingolipids	Dihydroceramide
AL	IGF-1	id_123	0.000	-0.009	0.010	0.972	-0.115	-0.224	-0.014	0.030	-0.115	-0.226	-0.016	0.030	-0.002	-0.113	0.131	0.978	DCER(22 Sphingolipids	Dihydroceramide
AL	IGF-1	id_124	-0.001	-0.016	0.009	0.804	-0.114	-0.219	-0.013	0.028	-0.115	-0.220	-0.018	0.024	0.009	-0.117	0.214	0.808	DCER(22 Sphingolipids	Dihydroceramide
AL	IGF-1	id_125	0.001	-0.014	0.011	0.992	-0.116	-0.209	-0.005	0.044	-0.115	-0.207	-0.007	0.036	-0.006	-0.154	0.189	0.992	DCER(24 Sphingolipids	Dihydroceramide
AL	IGF-1	id_126	0.001	-0.012	0.015	0.916	-0.116	-0.212	-0.008	0.032	-0.115	-0.212	-0.010	0.034	-0.013	-0.218	0.195	0.922	DCER(24 Sphingolipids	Dihydroceramide
AL	IGF-1	id_128	0.000	-0.015	0.008	0.870	-0.115	-0.216	-0.003	0.040	-0.115	-0.219	-0.009	0.034	0.003	-0.102	0.284	0.884	DCER(26 Sphingolipids	Dihydroceramide
AL	IGF-1	id_129	0.000	-0.013	0.014	0.936	-0.115	-0.214	-0.006	0.036	-0.115	-0.214	-0.009	0.036	-0.001	-0.171	0.192	0.940	HCER(14 Sphingolipids	Hexosylceramide
AL	IGF-1	id_130	0.003	-0.025	0.039	0.774	-0.118	-0.221	-0.016	0.028	-0.115	-0.220	-0.012	0.032	-0.030	-0.723	0.303	0.794	HCER(16 Sphingolipids	Hexosylceramide

AL	IGF-1	id_131	0.009	-0.015	0.042	0.446	-0.124	-0.224	-0.027	0.014	-0.115	-0.218	-0.015	0.020	-0.080	-0.899	0.155	0.454	HCER(18 :0)	Sphingolipids	Hexosylceramide
AL	IGF-1	id_132	0.004	-0.013	0.020	0.678	-0.119	-0.220	-0.010	0.030	-0.115	-0.217	-0.006	0.036	-0.031	-0.337	0.179	0.690	HCER(18 :1)	Sphingolipids	Hexosylceramide
AL	IGF-1	id_133	0.012	-0.012	0.050	0.324	-0.127	-0.226	-0.022	0.014	-0.115	-0.218	-0.005	0.036	-0.103	-1.091	0.209	0.352	HCER(20 :0)	Sphingolipids	Hexosylceramide
AL	IGF-1	id_134	0.002	-0.011	0.020	0.786	-0.117	-0.218	-0.006	0.040	-0.115	-0.215	-0.005	0.042	-0.018	-0.331	0.164	0.808	HCER(20 :1)	Sphingolipids	Hexosylceramide
AL	IGF-1	id_135	0.006	-0.008	0.031	0.488	-0.121	-0.233	-0.014	0.024	-0.115	-0.221	-0.012	0.030	-0.052	-0.480	0.120	0.506	HCER(22 :0)	Sphingolipids	Hexosylceramide
AL	IGF-1	id_136	0.005	-0.011	0.029	0.510	-0.120	-0.217	-0.019	0.020	-0.115	-0.209	-0.011	0.030	-0.046	-0.686	0.139	0.528	HCER(22 :1)	Sphingolipids	Hexosylceramide
AL	IGF-1	id_137	0.008	-0.007	0.031	0.358	-0.123	-0.220	-0.019	0.018	-0.115	-0.214	-0.013	0.024	-0.072	-0.533	0.105	0.374	HCER(24 :0)	Sphingolipids	Hexosylceramide
AL	IGF-1	id_138	0.008	-0.016	0.039	0.524	-0.123	-0.225	-0.025	0.016	-0.115	-0.223	-0.011	0.032	-0.073	-0.756	0.205	0.552	HCER(24 :1)	Sphingolipids	Hexosylceramide
AL	IGF-1	id_139	-0.001	-0.029	0.012	0.814	-0.114	-0.215	-0.006	0.038	-0.115	-0.217	-0.009	0.036	0.012	-0.191	0.402	0.794	HCER(26 :0)	Sphingolipids	Hexosylceramide
AL	IGF-1	id_141	0.003	-0.021	0.025	0.768	-0.118	-0.224	-0.019	0.022	-0.115	-0.224	-0.016	0.026	-0.023	-0.437	0.211	0.778	LCER(14: 0)	Sphingolipids	Lactosylceramide
AL	IGF-1	id_142	-0.001	-0.032	0.033	0.968	-0.114	-0.211	-0.019	0.028	-0.115	-0.214	-0.016	0.022	0.011	-0.570	0.376	0.954	LCER(16: 0)	Sphingolipids	Lactosylceramide
AL	IGF-1	id_144	0.000	-0.016	0.008	0.862	-0.115	-0.221	-0.008	0.042	-0.115	-0.219	-0.007	0.040	-0.003	-0.115	0.188	0.862	LCER(18: 1)	Sphingolipids	Lactosylceramide
AL	IGF-1	id_145	0.001	-0.025	0.026	0.942	-0.116	-0.211	-0.010	0.030	-0.115	-0.214	-0.005	0.036	-0.006	-0.635	0.353	0.954	LCER(20: 0)	Sphingolipids	Lactosylceramide
AL	IGF-1	id_146	0.001	-0.011	0.014	0.944	-0.116	-0.219	-0.007	0.030	-0.115	-0.218	-0.007	0.030	-0.005	-0.193	0.149	0.962	LCER(20: 1)	Sphingolipids	Lactosylceramide
AL	IGF-1	id_147	0.008	-0.022	0.037	0.562	-0.123	-0.228	-0.012	0.030	-0.115	-0.222	-0.002	0.048	-0.069	-0.745	0.270	0.594	LCER(22: 0)	Sphingolipids	Lactosylceramide
AL	IGF-1	id_148	0.002	-0.019	0.027	0.844	-0.116	-0.216	-0.021	0.020	-0.115	-0.215	-0.017	0.022	-0.013	-0.492	0.248	0.858	LCER(22: 1)	Sphingolipids	Lactosylceramide
AL	IGF-1	id_149	0.011	-0.019	0.042	0.450	-0.126	-0.221	-0.025	0.014	-0.115	-0.214	-0.010	0.030	-0.094	-0.851	0.207	0.480	LCER(24: 0)	Sphingolipids	Lactosylceramide
AL	IGF-1	id_152	0.008	-0.020	0.042	0.552	-0.123	-0.223	-0.015	0.030	-0.115	-0.217	-0.006	0.036	-0.074	-0.869	0.285	0.580	LCER(26: 1)	Sphingolipids	Lactosylceramide
AL	IGF-1	id_154	-0.012	-0.046	0.014	0.410	-0.103	-0.208	-0.005	0.038	-0.115	-0.222	-0.014	0.028	0.104	-0.236	0.575	0.406	LPC(15:0)	Lysophosphatidylcholine	LPC Ester

AL	IGF-1	id_157	-0.001	-0.017	0.014	0.908	-0.113	-0.218	-0.007	0.032	-0.115	-0.218	-0.009	0.026	0.013	-0.194	0.187	0.918	LPC(17:0))	Lysophospha tidylcholine	LPC Ester
AL	IGF-1	id_170	0.002	-0.011	0.013	0.846	-0.117	-0.217	-0.016	0.024	-0.115	-0.217	-0.015	0.022	-0.014	-0.204	0.185	0.864	LPC(22:6))	Lysophospha tidylcholine	LPC Ester
AL	IGF-1	id_181	-0.001	-0.012	0.017	0.982	-0.114	-0.224	-0.019	0.026	-0.115	-0.223	-0.017	0.026	0.012	-0.222	0.139	0.964	LPE(20:4))	Lysophospha tidylethanol amine	LPE Ester
AL	IGF-1	id_186	0.000	-0.014	0.010	0.888	-0.115	-0.219	-0.012	0.030	-0.115	-0.216	-0.009	0.024	-0.001	-0.118	0.203	0.876	0)	MAG	Ester
AL	IGF-1	id_188	-0.009	-0.036	0.008	0.384	-0.106	-0.211	0.002	0.054	-0.115	-0.220	-0.009	0.036	0.080	-0.187	0.662	0.400	1)	MAG	Ester
AL	IGF-1	id_189	0.002	-0.010	0.019	0.758	-0.116	-0.221	-0.008	0.032	-0.115	-0.221	-0.006	0.032	-0.013	-0.294	0.153	0.742	0)	MAG	Ester
AL	IGF-1	id_195	0.000	-0.012	0.007	0.874	-0.115	-0.221	-0.006	0.036	-0.115	-0.222	-0.010	0.030	0.000	-0.108	0.162	0.888	2)	MAG	Ester
AL	IGF-1	id_203	-0.005	-0.032	0.008	0.520	-0.110	-0.205	-0.009	0.034	-0.115	-0.212	-0.015	0.020	0.047	-0.130	0.482	0.516	5)	MAG	Ester
AL	IGF-1	id_204	0.001	-0.021	0.023	0.994	-0.116	-0.225	-0.006	0.032	-0.115	-0.222	-0.006	0.034	-0.005	-0.519	0.292	0.984	0)	MAG	Ester
AL	IGF-1	id_205	0.002	-0.020	0.016	0.954	-0.116	-0.221	-0.009	0.032	-0.115	-0.224	-0.011	0.028	-0.013	-0.316	0.349	0.950	1)	MAG	Ester
AL	IGF-1	id_208	-0.004	-0.028	0.019	0.760	-0.111	-0.210	-0.004	0.044	-0.115	-0.218	-0.011	0.034	0.033	-0.370	0.427	0.754	5)	MAG	Ester
AL	IGF-1	id_209	-0.001	-0.019	0.012	0.846	-0.114	-0.219	-0.016	0.028	-0.115	-0.222	-0.013	0.026	0.010	-0.211	0.245	0.852	6)	MAG	Ester
AL	IGF-1	id_228	-0.002	-0.018	0.011	0.726	-0.113	-0.209	-0.006	0.036	-0.115	-0.212	-0.007	0.030	0.018	-0.197	0.383	0.732	PC(15:0/ 18:2)	Phosphatidyl choline	PC Ester
AL	IGF-1	id_230	0.000	-0.015	0.017	0.992	-0.115	-0.221	-0.008	0.032	-0.115	-0.216	-0.010	0.028	-0.002	-0.185	0.223	1.000	PC(15:0/ 20:4)	Phosphatidyl choline	PC Ester
AL	IGF-1	id_241	0.003	-0.019	0.021	0.766	-0.118	-0.217	-0.011	0.022	-0.115	-0.215	-0.009	0.030	-0.022	-0.375	0.276	0.784	PC(16:0/ 18:2)	Phosphatidyl choline	PC Ester
AL	IGF-1	id_254	0.000	-0.013	0.010	0.960	-0.115	-0.215	-0.021	0.024	-0.115	-0.211	-0.021	0.020	0.000	-0.129	0.160	0.972	PC(17:0/ 18:2)	Phosphatidyl choline	PC Ester
AL	IGF-1	id_257	0.000	-0.008	0.019	0.800	-0.115	-0.219	-0.013	0.022	-0.115	-0.215	-0.011	0.026	-0.003	-0.269	0.126	0.814	PC(17:0/ 20:4)	Phosphatidyl choline	PC Ester
AL	IGF-1	id_272	0.000	-0.012	0.011	0.972	-0.115	-0.214	-0.015	0.024	-0.115	-0.216	-0.011	0.024	-0.002	-0.145	0.164	0.968	PC(18:0/ 20:4)	Phosphatidyl choline	PC Ester
AL	IGF-1	id_279	0.000	-0.018	0.009	0.798	-0.115	-0.227	-0.012	0.030	-0.115	-0.227	-0.013	0.026	0.000	-0.118	0.268	0.800	PC(18:1/ 18:2)	Phosphatidyl choline	PC Ester
AL	IGF-1	id_283	0.001	-0.020	0.019	0.980	-0.116	-0.217	-0.002	0.044	-0.115	-0.214	-0.004	0.044	-0.010	-0.245	0.303	0.972	PC(18:1/ 20:3)	Phosphatidyl choline	PC Ester
AL	IGF-1	id_284	0.000	-0.014	0.009	0.916	-0.115	-0.221	-0.008	0.044	-0.115	-0.219	-0.008	0.040	0.000	-0.155	0.176	0.924	PC(18:1/ 20:4)	Phosphatidyl choline	PC Ester
AL	IGF-1	id_289	0.001	-0.011	0.018	0.850	-0.116	-0.222	-0.008	0.042	-0.115	-0.218	-0.011	0.040	-0.013	-0.229	0.151	0.842	PC(18:2/ 16:1)	Phosphatidyl choline	PC Ester

AL	IGF-1	id_354	0.006	-0.007	0.034	0.368	-0.121	-0.230	-0.011	0.034	-0.115	-0.216	-0.002	0.048	-0.056	-0.674	0.105	0.396	PE(18:1/22:0)	Phosphatidyl ethanolamine PE Ester
AL	IGF-1	id_386	0.000	-0.011	0.011	0.984	-0.115	-0.214	-0.008	0.036	-0.115	-0.213	-0.012	0.036	-0.003	-0.152	0.171	0.988	PE(P-16:0/18:1)	Phosphatidyl ethanolamine PE Plasmalogen
AL	IGF-1	id_398	-0.001	-0.020	0.009	0.856	-0.114	-0.225	-0.007	0.030	-0.115	-0.222	-0.011	0.032	0.005	-0.117	0.271	0.844	PE(P-18:0/16:0)	Phosphatidyl ethanolamine PE Plasmalogen
AL	IGF-1	id_405	-0.001	-0.017	0.011	0.806	-0.114	-0.220	-0.011	0.036	-0.115	-0.220	-0.011	0.030	0.012	-0.186	0.244	0.812	PE(P-18:0/20:3)	Phosphatidyl ethanolamine PE Plasmalogen
AL	IGF-1	id_414	0.000	-0.012	0.015	0.982	-0.115	-0.225	-0.008	0.034	-0.115	-0.223	-0.008	0.036	-0.003	-0.215	0.158	0.982	PE(P-18:1/18:1)	Phosphatidyl ethanolamine PE Plasmalogen
AL	IGF-1	id_448	0.000	-0.014	0.016	0.986	-0.115	-0.216	-0.009	0.034	-0.115	-0.216	-0.010	0.030	0.002	-0.200	0.181	0.984	SM(14:0)	Sphingolipids Sphingomyelin
AL	IGF-1	id_449	-0.004	-0.032	0.017	0.738	-0.111	-0.213	-0.006	0.036	-0.115	-0.217	-0.006	0.030	0.031	-0.377	0.402	0.744	SM(16:0)	Sphingolipids Sphingomyelin
AL	IGF-1	id_450	-0.005	-0.035	0.019	0.660	-0.110	-0.205	-0.012	0.026	-0.115	-0.211	-0.014	0.026	0.044	-0.340	0.538	0.650	SM(18:0)	Sphingolipids Sphingomyelin
AL	IGF-1	id_451	-0.005	-0.037	0.020	0.728	-0.110	-0.216	-0.003	0.046	-0.115	-0.221	-0.011	0.028	0.045	-0.381	0.695	0.728	SM(18:1)	Sphingolipids Sphingomyelin
AL	IGF-1	id_452	0.000	-0.016	0.012	0.976	-0.115	-0.214	-0.013	0.024	-0.115	-0.213	-0.015	0.018	0.001	-0.155	0.248	0.978	SM(20:0)	Sphingolipids Sphingomyelin
AL	IGF-1	id_453	-0.001	-0.029	0.024	0.986	-0.114	-0.211	-0.011	0.030	-0.115	-0.214	-0.009	0.030	0.008	-0.434	0.420	0.972	SM(20:1)	Sphingolipids Sphingomyelin
AL	IGF-1	id_454	0.000	-0.011	0.012	0.996	-0.115	-0.216	-0.011	0.040	-0.115	-0.215	-0.013	0.038	-0.002	-0.169	0.145	0.994	SM(22:0)	Sphingolipids Sphingomyelin
AL	IGF-1	id_455	-0.002	-0.022	0.011	0.762	-0.113	-0.219	-0.008	0.040	-0.115	-0.221	-0.011	0.036	0.017	-0.150	0.245	0.782	SM(22:1)	Sphingolipids Sphingomyelin
AL	IGF-1	id_456	0.006	-0.016	0.028	0.612	-0.121	-0.227	-0.016	0.022	-0.115	-0.226	-0.009	0.030	-0.051	-0.630	0.193	0.634	SM(24:0)	Sphingolipids Sphingomyelin
AL	IGF-1	id_457	0.004	-0.023	0.031	0.730	-0.119	-0.219	-0.007	0.034	-0.115	-0.218	-0.004	0.038	-0.033	-0.591	0.434	0.756	SM(24:1)	Sphingolipids Sphingomyelin
AL	IGF-1	id_458	0.003	-0.010	0.026	0.686	-0.118	-0.221	-0.016	0.020	-0.115	-0.219	-0.010	0.030	-0.029	-0.471	0.178	0.696	SM(26:0)	Sphingolipids Sphingomyelin
AL	IGF-1	id_459	0.003	-0.020	0.027	0.734	-0.118	-0.224	-0.019	0.022	-0.115	-0.218	-0.016	0.022	-0.026	-0.462	0.302	0.748	SM(26:1)	Sphingolipids Sphingomyelin
AL	IGF-1	id_660	0.000	-0.011	0.010	0.984	-0.115	-0.220	-0.003	0.040	-0.115	-0.218	-0.007	0.036	-0.002	-0.134	0.172	0.972	TAG51:3-FA16:0	Triacylglycerol TAG Ester

AL	IGF-1	id_663	-0.001	-0.013	0.013	0.970	-0.114	-0.223	-0.008	0.030	-0.115	-0.224	-0.011	0.028	0.007	-0.158	0.177	0.986	TAG51:3- Triacylglycer		
																		0.986	FA18:1	ol	TAG Ester
AL	IGF-1	id_667	0.000	-0.011	0.011	0.972	-0.115	-0.218	-0.012	0.030	-0.115	-0.218	-0.014	0.022	0.000	-0.164	0.157	0.970	TAG51:4- Triacylglycer		
																		0.970	FA16:0	ol	TAG Ester
AL	IGF-1	id_755	-0.003	-0.038	0.021	0.758	-0.112	-0.214	0.003	0.058	-0.115	-0.223	-0.006	0.042	0.027	-0.355	0.555	0.760	TAG53:3- Triacylglycer		
																		0.760	FA18:0	ol	TAG Ester
AL	IGF-1	id_760	0.000	-0.014	0.008	0.808	-0.115	-0.213	-0.012	0.028	-0.115	-0.214	-0.014	0.026	0.002	-0.130	0.169	0.810	TAG53:4- Triacylglycer		
																		0.810	FA18:0	ol	TAG Ester
AL	IGF-1	id_761	0.000	-0.009	0.013	0.942	-0.115	-0.216	-0.013	0.028	-0.115	-0.216	-0.013	0.030	0.001	-0.175	0.119	0.944	TAG53:4- Triacylglycer		
																		0.944	FA18:1	ol	TAG Ester
AL	IGF-1	id_765	0.000	-0.017	0.011	0.824	-0.115	-0.230	-0.010	0.030	-0.115	-0.230	-0.013	0.026	-0.001	-0.125	0.207	0.834	TAG53:5- Triacylglycer		
																		0.834	FA18:1	ol	TAG Ester
AL	IGF-1	id_766	0.000	-0.015	0.014	0.938	-0.115	-0.218	-0.005	0.046	-0.115	-0.220	-0.005	0.040	0.001	-0.167	0.213	0.938	TAG53:5- Triacylglycer		
																		0.938	FA18:2	ol	TAG Ester
AL	IGF-1	id_769	0.000	-0.017	0.012	0.880	-0.115	-0.225	-0.007	0.028	-0.115	-0.228	-0.007	0.036	-0.001	-0.169	0.304	0.876	TAG53:6- Triacylglycer		
																		0.876	FA18:1	ol	TAG Ester
AL	IGF-1	id_770	-0.001	-0.017	0.010	0.824	-0.114	-0.206	-0.003	0.042	-0.115	-0.207	-0.007	0.038	0.005	-0.139	0.282	0.818	TAG53:6- Triacylglycer		
																		0.818	FA18:2	ol	TAG Ester
AL	IGF-1	id_771	0.000	-0.014	0.009	0.826	-0.115	-0.226	0.002	0.056	-0.115	-0.224	0.000	0.052	0.001	-0.113	0.222	0.826	TAG53:6- Triacylglycer		
																		0.826	FA18:3	ol	TAG Ester
AL	IGF-1	id_773	-0.001	-0.020	0.010	0.856	-0.114	-0.218	-0.006	0.046	-0.115	-0.218	-0.006	0.048	0.009	-0.182	0.270	0.868	TAG53:7- Triacylglycer		
																		0.868	FA18:3	ol	TAG Ester
AL	IGF-1	id_856	0.000	-0.010	0.015	0.932	-0.115	-0.220	-0.012	0.040	-0.115	-0.220	-0.010	0.040	0.001	-0.204	0.126	0.928	TAG55:6- Triacylglycer		
																		0.928	FA18:1	ol	TAG Ester
AL	IGF-1	id_857	-0.001	-0.024	0.007	0.740	-0.114	-0.214	-0.008	0.034	-0.115	-0.214	-0.012	0.032	0.009	-0.116	0.329	0.744	TAG55:6- Triacylglycer		
																		0.744	FA20:3	ol	TAG Ester
AL	IGF-1	id_860	0.000	-0.012	0.016	0.816	-0.115	-0.221	-0.009	0.036	-0.115	-0.220	-0.007	0.032	-0.004	-0.258	0.186	0.828	TAG55:7- Triacylglycer		
																		0.828	FA18:1	ol	TAG Ester
AL	IGF-1	id_861	0.003	-0.012	0.018	0.770	-0.118	-0.220	-0.006	0.046	-0.115	-0.220	0.000	0.050	-0.023	-0.348	0.156	0.764	TAG55:7- Triacylglycer		
																		0.764	FA20:3	ol	TAG Ester
AL	IGF-1	id_862	0.001	-0.012	0.011	0.984	-0.116	-0.226	-0.009	0.026	-0.115	-0.226	-0.011	0.024	-0.007	-0.176	0.152	0.992	TAG55:7- Triacylglycer		
																		0.992	FA20:4	ol	TAG Ester
AL	IGF-1	id_864	0.000	-0.014	0.012	0.984	-0.115	-0.221	-0.011	0.032	-0.115	-0.222	-0.010	0.032	0.002	-0.174	0.177	0.972	TAG55:8- Triacylglycer		
																		0.972	FA20:4	ol	TAG Ester
AL	IGF-1	id_939	-0.001	-0.019	0.008	0.786	-0.114	-0.222	-0.005	0.040	-0.115	-0.225	-0.011	0.042	0.006	-0.092	0.254	0.792	TAG57:9- Triacylglycer		
																		0.792	FA22:6	ol	TAG Ester
AL	IGF-1	id_978	0.004	-0.016	0.022	0.644	-0.119	-0.219	-0.016	0.038	-0.115	-0.216	-0.014	0.030	-0.035	-0.339	0.198	0.650	Neutral Complex		
																		0.650	Total CE	Lipids SUM	Cholesteryl Esters
AL	IGF-1	id_979	0.000	-0.013	0.009	0.926	-0.115	-0.217	-0.004	0.044	-0.115	-0.217	-0.008	0.042	-0.001	-0.165	0.163	0.936	Total Sphingolipid		
																		0.936	CER	SUM	Ceramides

AL	IGF-1	id_981	0.001	-0.013	0.013	0.932	-0.116	-0.220	-0.009	0.040	-0.115	-0.219	-0.009	0.042	-0.007	-0.168	0.177	0.946	Total DCER	Sphingolipid SUM	Dihydroceramides
AL	IGF-1	id_982	0.009	-0.010	0.038	0.358	-0.124	-0.225	-0.018	0.026	-0.115	-0.214	-0.007	0.038	-0.082	-0.660	0.161	0.396	Total HCER	Sphingolipid SUM	Hexosylceramides
AL	IGF-1	id_983	0.001	-0.029	0.031	0.952	-0.116	-0.217	-0.012	0.030	-0.115	-0.216	-0.008	0.036	-0.005	-0.537	0.495	0.980	Total LCER	Sphingolipid SUM	Lactosylceramides
AL	IGF-1	id_987	0.004	-0.014	0.023	0.606	-0.119	-0.226	-0.010	0.022	-0.115	-0.224	-0.009	0.030	-0.039	-0.459	0.166	0.616	Total PC	Phospholipid SUM	Phosphatidylcholines
AL	IGF-1	id_990	-0.002	-0.027	0.019	0.850	-0.113	-0.227	-0.020	0.024	-0.115	-0.231	-0.019	0.022	0.016	-0.311	0.289	0.852	Total SM	Sphingolipid SUM	Sphingomyelins
AL	IGF-1	id_039	0.000	-0.009	0.009	0.916	-0.115	-0.214	-0.017	0.016	-0.115	-0.212	-0.021	0.014	0.004	-0.102	0.167	0.930	CE(22:1)	Cholesterol Ester	CE Ester
AL	IGF-1	id_060	-0.002	-0.016	0.017	0.902	-0.113	-0.214	-0.018	0.022	-0.115	-0.215	-0.016	0.022	0.019	-0.309	0.193	0.904	DAG(12:0/18:1)	Diacylglycerol	DAG Ester
AL	IGF-1	id_071	-0.001	-0.012	0.014	0.960	-0.114	-0.223	-0.011	0.040	-0.115	-0.218	-0.014	0.034	0.006	-0.201	0.187	0.950	DAG(14:1/16:0)	Diacylglycerol	DAG Ester
AL	IGF-1	id_072	0.000	-0.012	0.016	0.890	-0.115	-0.227	-0.005	0.046	-0.115	-0.226	-0.004	0.046	-0.004	-0.192	0.124	0.896	DAG(14:1/18:1)	Diacylglycerol	DAG Ester
AL	IGF-1	id_150	0.005	-0.027	0.037	0.778	-0.120	-0.224	-0.018	0.028	-0.115	-0.223	-0.004	0.048	-0.045	-0.680	0.415	0.810	LCER(24:1)	Sphingolipids	Lactosylceramide
AL	IGF-1	id_151	-0.007	-0.029	0.008	0.420	-0.108	-0.212	-0.006	0.042	-0.115	-0.218	-0.012	0.032	0.057	-0.106	0.366	0.436	LCER(26:0)	Sphingolipids	Lactosylceramide
AL	IGF-1	id_160	0.001	-0.023	0.021	0.944	-0.116	-0.214	-0.008	0.038	-0.115	-0.214	-0.011	0.036	-0.005	-0.298	0.288	0.960	LPC(18:2)	Lysophosphatidylcholine	LPC Ester
AL	IGF-1	id_196	0.001	-0.011	0.015	0.914	-0.116	-0.221	-0.013	0.030	-0.115	-0.220	-0.010	0.032	-0.008	-0.209	0.165	0.918	3)	MAG	Ester
AL	IGF-1	id_199	0.010	-0.010	0.033	0.322	-0.125	-0.217	-0.019	0.018	-0.115	-0.207	-0.012	0.030	-0.090	-0.693	0.180	0.344	1)	MAG	Ester
AL	IGF-1	id_200	0.004	-0.013	0.025	0.722	-0.119	-0.218	-0.016	0.030	-0.115	-0.219	-0.010	0.036	-0.033	-0.589	0.158	0.750	2)	MAG	Ester
AL	IGF-1	id_201	-0.001	-0.019	0.013	0.808	-0.114	-0.210	-0.008	0.030	-0.115	-0.213	-0.012	0.026	0.012	-0.200	0.323	0.806	3)	MAG	Ester
AL	IGF-1	id_251	0.002	-0.013	0.024	0.754	-0.117	-0.221	-0.013	0.028	-0.115	-0.219	-0.009	0.034	-0.019	-0.447	0.195	0.764	PC(16:0/22:6)	Phosphatidylcholine	PC Ester
AL	IGF-1	id_288	0.002	-0.011	0.020	0.754	-0.117	-0.228	-0.015	0.030	-0.115	-0.229	-0.015	0.034	-0.015	-0.275	0.162	0.776	PC(18:1/22:6)	Phosphatidylcholine	PC Ester
AL	IGF-1	id_293	0.006	-0.009	0.025	0.446	-0.121	-0.228	-0.012	0.032	-0.115	-0.224	-0.012	0.036	-0.048	-0.307	0.126	0.466	PC(18:2/20:2)	Phosphatidylcholine	PC Ester
AL	IGF-1	id_298	-0.004	-0.023	0.009	0.608	-0.111	-0.226	-0.004	0.046	-0.115	-0.225	-0.006	0.034	0.037	-0.143	0.409	0.622	PC(18:2/22:5)	Phosphatidylcholine	PC Ester
AL	IGF-1	id_332	-0.004	-0.023	0.011	0.648	-0.111	-0.217	-0.006	0.038	-0.115	-0.219	-0.013	0.032	0.033	-0.127	0.292	0.652	PE(18:0/18:0)	Phosphatidylethanolamine	PE Ester

AL	IGF-1	id_359	0.004	-0.012	0.024	0.680	-0.119	-0.218	-0.008	0.030	-0.115	-0.215	-0.008	0.036	-0.033	-0.296	0.229	0.700	PE(18:2/16:1)	Phosphatidyl ethanolamine	PE Ester
AL	IGF-1	id_366	0.000	-0.019	0.013	0.914	-0.115	-0.214	-0.009	0.032	-0.115	-0.214	-0.011	0.032	0.003	-0.168	0.241	0.918	PE(O-16:0/18:2)	Phosphatidyl ethanolamine	PE Ether
AL	IGF-1	id_368	0.001	-0.011	0.014	0.998	-0.116	-0.216	-0.008	0.032	-0.115	-0.215	-0.008	0.028	-0.005	-0.221	0.168	0.994	PE(O-16:0/20:4)	Phosphatidyl ethanolamine	PE Ether
AL	IGF-1	id_372	0.000	-0.015	0.009	0.914	-0.115	-0.218	-0.015	0.024	-0.115	-0.219	-0.016	0.020	0.003	-0.131	0.183	0.914	PE(O-16:0/22:6)	Phosphatidyl ethanolamine	PE Ether
AL	IGF-1	id_378	0.000	-0.016	0.012	0.956	-0.115	-0.224	-0.008	0.034	-0.115	-0.224	-0.009	0.028	0.002	-0.162	0.243	0.956	PE(O-18:0/20:4)	Phosphatidyl ethanolamine	PE Ether
AL	IGF-1	id_381	0.002	-0.020	0.030	0.854	-0.117	-0.221	-0.014	0.026	-0.115	-0.218	-0.012	0.034	-0.020	-0.525	0.230	0.880	PE(O-18:0/22:5)	Phosphatidyl ethanolamine	PE Ether
AL	IGF-1	id_382	-0.002	-0.020	0.009	0.732	-0.113	-0.219	-0.009	0.036	-0.115	-0.223	-0.008	0.036	0.015	-0.134	0.226	0.720	PE(O-18:0/22:6)	Phosphatidyl ethanolamine	PE Ether
AL	IGF-1	id_387	0.000	-0.017	0.012	0.926	-0.115	-0.203	-0.013	0.028	-0.115	-0.203	-0.007	0.028	0.003	-0.184	0.228	0.918	PE(P-16:0/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	IGF-1	id_392	0.000	-0.010	0.010	0.984	-0.115	-0.217	-0.003	0.046	-0.115	-0.217	-0.005	0.046	-0.002	-0.168	0.158	0.994	PE(P-16:0/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	IGF-1	id_395	0.002	-0.011	0.018	0.850	-0.117	-0.220	-0.002	0.046	-0.115	-0.219	-0.002	0.050	-0.014	-0.321	0.181	0.876	PE(P-16:0/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	IGF-1	id_396	-0.004	-0.022	0.010	0.568	-0.111	-0.211	-0.011	0.036	-0.115	-0.216	-0.012	0.030	0.035	-0.148	0.287	0.582	PE(P-16:0/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	IGF-1	id_401	0.000	-0.012	0.013	1.000	-0.115	-0.212	-0.005	0.034	-0.115	-0.211	-0.005	0.036	0.001	-0.156	0.211	0.992	PE(P-18:0/18:1)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	IGF-1	id_402	-0.001	-0.019	0.010	0.776	-0.114	-0.218	-0.011	0.024	-0.115	-0.218	-0.013	0.028	0.010	-0.151	0.254	0.784	PE(P-18:0/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen

AL	IGF-1	id_406	0.000	-0.012	0.011	0.904	-0.115	-0.211	-0.007	0.038	-0.115	-0.210	-0.006	0.030	0.001	-0.154	0.165	0.910	PE(P-18:0/20:4)	Phosphatidylethanolamine	PE Plasmalogen
AL	IGF-1	id_409	0.000	-0.014	0.015	0.978	-0.115	-0.215	-0.014	0.024	-0.115	-0.216	-0.015	0.026	0.002	-0.207	0.197	0.980	PE(P-18:0/22:5)	Phosphatidylethanolamine	PE Plasmalogen
AL	IGF-1	id_410	-0.005	-0.024	0.010	0.546	-0.110	-0.211	-0.009	0.030	-0.115	-0.215	-0.013	0.028	0.041	-0.108	0.323	0.550	PE(P-18:0/22:6)	Phosphatidylethanolamine	PE Plasmalogen
AL	IGF-1	id_411	0.000	-0.013	0.010	0.974	-0.115	-0.221	-0.013	0.020	-0.115	-0.221	-0.012	0.020	0.001	-0.152	0.166	0.978	PE(P-18:1/16:0)	Phosphatidylethanolamine	PE Plasmalogen
AL	IGF-1	id_415	-0.001	-0.020	0.010	0.768	-0.114	-0.219	-0.001	0.048	-0.115	-0.222	-0.001	0.042	0.012	-0.156	0.243	0.770	PE(P-18:1/18:2)	Phosphatidylethanolamine	PE Plasmalogen
AL	IGF-1	id_419	0.000	-0.014	0.011	0.890	-0.115	-0.213	-0.006	0.040	-0.115	-0.213	-0.008	0.036	0.000	-0.141	0.189	0.902	PE(P-18:1/20:4)	Phosphatidylethanolamine	PE Plasmalogen
AL	IGF-1	id_421	0.002	-0.014	0.016	0.886	-0.117	-0.224	-0.005	0.038	-0.115	-0.223	-0.007	0.038	-0.021	-0.237	0.198	0.888	PE(P-18:1/22:4)	Phosphatidylethanolamine	PE Plasmalogen
AL	IGF-1	id_422	0.003	-0.010	0.025	0.636	-0.118	-0.222	-0.015	0.026	-0.115	-0.219	-0.010	0.036	-0.029	-0.392	0.138	0.652	PE(P-18:1/22:5)	Phosphatidylethanolamine	PE Plasmalogen
AL	IGF-1	id_423	-0.002	-0.017	0.013	0.812	-0.113	-0.221	0.001	0.052	-0.115	-0.222	-0.003	0.044	0.015	-0.175	0.229	0.812	PE(P-18:1/22:6)	Phosphatidylethanolamine	PE Plasmalogen
AL	IGF-1	id_424	-0.005	-0.033	0.011	0.572	-0.110	-0.217	-0.008	0.032	-0.115	-0.221	-0.011	0.018	0.042	-0.197	0.422	0.582	PE(P-18:2/18:2)	Phosphatidylethanolamine	PE Plasmalogen
AL	IGF-1	id_425	0.000	-0.012	0.012	0.994	-0.115	-0.211	-0.009	0.034	-0.115	-0.208	-0.010	0.032	-0.001	-0.183	0.163	0.998	PE(P-18:2/20:4)	Phosphatidylethanolamine	PE Plasmalogen
CR	IGF-1	id_208	0.004	-0.005	0.012	0.340	-0.025	-0.110	0.063	0.580	-0.022	-0.108	0.063	0.616	-0.178	-1.867	1.065	0.764	FA22:6 5)	MAG	Ester
CR	IGF-1	id_939	0.002	-0.007	0.010	0.340	-0.024	-0.105	0.059	0.570	-0.022	-0.103	0.061	0.618	-0.098	-1.129	1.462	0.730	TAG57:9-FA22:6	Triacylglycerol	TAG Ester
CR	IGF-1	id_208	0.004	-0.005	0.012	0.340	-0.025	-0.110	0.063	0.580	-0.022	-0.108	0.063	0.616	-0.178	-1.867	1.065	0.764	FA22:6 5)	MAG	Ester
CR	IGF-1	id_939	0.002	-0.007	0.010	0.340	-0.024	-0.105	0.059	0.570	-0.022	-0.103	0.061	0.618	-0.098	-1.129	1.462	0.730	TAG57:9-FA22:6	Triacylglycerol	TAG Ester

CR	IGF-1	id_862	0.003	-0.004	0.010	0.344	-0.024	-0.107	0.063	0.578	-0.022	-0.102	0.066	0.620	-0.132	-1.022	1.076	0.780	TAG55:7- Triacylglycerol	TAG Ester
CR	IGF-1	id_862	0.003	-0.004	0.010	0.344	-0.024	-0.107	0.063	0.578	-0.022	-0.102	0.066	0.620	-0.132	-1.022	1.076	0.780	TAG55:7- Triacylglycerol	TAG Ester
CR	IGF-1	id_395	0.009	-0.013	0.030	0.350	-0.030	-0.128	0.062	0.504	-0.022	-0.114	0.067	0.606	-0.408	-3.381	3.122	0.728	PE(P-16:0/22:5) Phosphatidylethanolamine	PE Plasmalogen
CR	IGF-1	id_395	0.009	-0.013	0.030	0.350	-0.030	-0.128	0.062	0.504	-0.022	-0.114	0.067	0.606	-0.408	-3.381	3.122	0.728	PE(P-16:0/22:5) Phosphatidylethanolamine	PE Plasmalogen
CR	IGF-1	id_769	0.002	-0.006	0.010	0.354	-0.024	-0.110	0.055	0.516	-0.022	-0.104	0.058	0.558	-0.113	-1.045	1.208	0.744	TAG53:6- Triacylglycerol	TAG Ester
CR	IGF-1	id_769	0.002	-0.006	0.010	0.354	-0.024	-0.110	0.055	0.516	-0.022	-0.104	0.058	0.558	-0.113	-1.045	1.208	0.744	TAG53:6- Triacylglycerol	TAG Ester
CR	IGF-1	id_359	0.004	-0.004	0.017	0.356	-0.026	-0.114	0.066	0.602	-0.022	-0.109	0.070	0.662	-0.201	-1.699	1.163	0.770	PE(18:2/16:1) Phosphatidylethanolamine	PE Ester
CR	IGF-1	id_359	0.004	-0.004	0.017	0.356	-0.026	-0.114	0.066	0.602	-0.022	-0.109	0.070	0.662	-0.201	-1.699	1.163	0.770	PE(18:2/16:1) Phosphatidylethanolamine	PE Ester
CR	IGF-1	id_133	0.003	-0.004	0.011	0.360	-0.024	-0.115	0.063	0.570	-0.022	-0.112	0.063	0.622	-0.138	-0.986	1.479	0.746	HCER(20:0) Sphingolipids	Hexosylceramide
CR	IGF-1	id_133	0.003	-0.004	0.011	0.360	-0.024	-0.115	0.063	0.570	-0.022	-0.112	0.063	0.622	-0.138	-0.986	1.479	0.746	HCER(20:0) Sphingolipids	Hexosylceramide
CR	IGF-1	id_045	0.005	-0.009	0.016	0.362	-0.027	-0.113	0.060	0.506	-0.022	-0.115	0.063	0.578	-0.253	-1.636	2.808	0.808	CE(24:1) Cholesterol	CE Ester
CR	IGF-1	id_045	0.005	-0.009	0.016	0.362	-0.027	-0.113	0.060	0.506	-0.022	-0.115	0.063	0.578	-0.253	-1.636	2.808	0.808	CE(24:1) Cholesterol	CE Ester
CR	IGF-1	id_204	0.004	-0.005	0.012	0.366	-0.025	-0.107	0.058	0.564	-0.022	-0.106	0.062	0.614	-0.166	-2.017	1.415	0.808	0) MAG	Ester
CR	IGF-1	id_254	0.004	-0.007	0.013	0.366	-0.025	-0.116	0.054	0.566	-0.022	-0.110	0.058	0.620	-0.177	-1.096	1.362	0.750	PC(17:0/18:2) Phosphatidylcholine	PC Ester
CR	IGF-1	id_765	0.003	-0.007	0.010	0.366	-0.024	-0.109	0.062	0.588	-0.022	-0.106	0.064	0.644	-0.131	-1.314	1.442	0.798	TAG53:5- Triacylglycerol	TAG Ester
CR	IGF-1	id_204	0.004	-0.005	0.012	0.366	-0.025	-0.107	0.058	0.564	-0.022	-0.106	0.062	0.614	-0.166	-2.017	1.415	0.808	0) MAG	Ester
CR	IGF-1	id_254	0.004	-0.007	0.013	0.366	-0.025	-0.116	0.054	0.566	-0.022	-0.110	0.058	0.620	-0.177	-1.096	1.362	0.750	PC(17:0/18:2) Phosphatidylcholine	PC Ester
CR	IGF-1	id_765	0.003	-0.007	0.010	0.366	-0.024	-0.109	0.062	0.588	-0.022	-0.106	0.064	0.644	-0.131	-1.314	1.442	0.798	TAG53:5- Triacylglycerol	TAG Ester
CR	IGF-1	id_139	0.004	-0.007	0.013	0.372	-0.026	-0.106	0.060	0.642	-0.022	-0.101	0.061	0.720	-0.197	-1.392	1.393	0.844	HCER(26:0) Sphingolipids	Hexosylceramide

CR	IGF-1	id_139	0.004	-0.007	0.013	0.372	-0.026	-0.106	0.060	0.642	-0.022	-0.101	0.061	0.720	-0.197	-1.392	1.393	0.844	HCER(26:0)	Sphingolipids	Hexosylceramide
CR	IGF-1	id_405	0.006	-0.013	0.024	0.378	-0.028	-0.122	0.065	0.556	-0.022	-0.113	0.067	0.630	-0.299	-2.834	2.496	0.744	PE(P-18:0/20:3)	Phosphatidylethanolamine	PE Plasmalogen
CR	IGF-1	id_405	0.006	-0.013	0.024	0.378	-0.028	-0.122	0.065	0.556	-0.022	-0.113	0.067	0.630	-0.299	-2.834	2.496	0.744	PE(P-18:0/20:3)	Phosphatidylethanolamine	PE Plasmalogen
CR	IGF-1	id_128	0.002	-0.004	0.010	0.380	-0.023	-0.107	0.061	0.646	-0.022	-0.104	0.065	0.694	-0.081	-1.296	1.260	0.790	DCER(26:1)	Sphingolipids	Dihydroceramide
CR	IGF-1	id_128	0.002	-0.004	0.010	0.380	-0.023	-0.107	0.061	0.646	-0.022	-0.104	0.065	0.694	-0.081	-1.296	1.260	0.790	DCER(26:1)	Sphingolipids	Dihydroceramide
CR	IGF-1	id_228	0.005	-0.008	0.018	0.384	-0.026	-0.121	0.060	0.558	-0.022	-0.114	0.063	0.630	-0.224	-2.118	1.598	0.766	PC(15:0/18:2)	Phosphatidylcholine	PC Ester
CR	IGF-1	id_228	0.005	-0.008	0.018	0.384	-0.026	-0.121	0.060	0.558	-0.022	-0.114	0.063	0.630	-0.224	-2.118	1.598	0.766	PC(15:0/18:2)	Phosphatidylcholine	PC Ester
CR	IGF-1	id_230	0.003	-0.004	0.015	0.386	-0.025	-0.112	0.062	0.602	-0.022	-0.107	0.064	0.680	-0.143	-0.963	1.495	0.822	PC(15:0/20:4)	Phosphatidylcholine	PC Ester
CR	IGF-1	id_230	0.003	-0.004	0.015	0.386	-0.025	-0.112	0.062	0.602	-0.022	-0.107	0.064	0.680	-0.143	-0.963	1.495	0.822	PC(15:0/20:4)	Phosphatidylcholine	PC Ester
CR	IGF-1	id_766	0.003	-0.015	0.014	0.400	-0.025	-0.116	0.062	0.590	-0.022	-0.111	0.065	0.616	-0.161	-1.495	1.596	0.796	TAG53:5-FA18:2	Triacylglycerol	TAG Ester
CR	IGF-1	id_766	0.003	-0.015	0.014	0.400	-0.025	-0.116	0.062	0.590	-0.022	-0.111	0.065	0.616	-0.161	-1.495	1.596	0.796	TAG53:5-FA18:2	Triacylglycerol	TAG Ester
CR	IGF-1	id_135	0.003	-0.005	0.013	0.408	-0.025	-0.107	0.061	0.576	-0.022	-0.104	0.064	0.636	-0.160	-1.337	1.583	0.768	HCER(22:0)	Sphingolipids	Hexosylceramide
CR	IGF-1	id_135	0.003	-0.005	0.013	0.408	-0.025	-0.107	0.061	0.576	-0.022	-0.104	0.064	0.636	-0.160	-1.337	1.583	0.768	HCER(22:0)	Sphingolipids	Hexosylceramide
CR	IGF-1	id_288	0.004	-0.004	0.015	0.410	-0.025	-0.108	0.062	0.606	-0.022	-0.103	0.064	0.658	-0.164	-1.623	1.049	0.840	PC(18:1/22:6)	Phosphatidylcholine	PC Ester
CR	IGF-1	id_288	0.004	-0.004	0.015	0.410	-0.025	-0.108	0.062	0.606	-0.022	-0.103	0.064	0.658	-0.164	-1.623	1.049	0.840	PC(18:1/22:6)	Phosphatidylcholine	PC Ester
CR	IGF-1	id_154	0.004	-0.016	0.015	0.414	-0.025	-0.113	0.065	0.592	-0.022	-0.108	0.064	0.640	-0.185	-2.054	1.862	0.766	LPC(15:0)	Lysophosphatidylcholine	LPC Ester
CR	IGF-1	id_368	0.005	-0.005	0.021	0.414	-0.027	-0.118	0.059	0.596	-0.022	-0.112	0.062	0.660	-0.237	-1.757	1.514	0.722	PE(O-16:0/20:4)	Phosphatidylethanolamine	PE Ether
CR	IGF-1	id_154	0.004	-0.016	0.015	0.414	-0.025	-0.113	0.065	0.592	-0.022	-0.108	0.064	0.640	-0.185	-2.054	1.862	0.766	LPC(15:0)	Lysophosphatidylcholine	LPC Ester

CR	IGF-1	id_368	0.005	-0.005	0.021	0.414	-0.027	-0.118	0.059	0.596	-0.022	-0.112	0.062	0.660	-0.237	-1.757	1.514	0.722	PE(O-16:0/20:4)	Phosphatidylethanolamine	PE Ether
CR	IGF-1	id_118	0.003	-0.004	0.012	0.424	-0.025	-0.119	0.062	0.572	-0.022	-0.116	0.064	0.620	-0.154	-1.795	1.246	0.788	DCER(18:0)	Sphingolipids	Dihydroceramide
CR	IGF-1	id_118	0.003	-0.004	0.012	0.424	-0.025	-0.119	0.062	0.572	-0.022	-0.116	0.064	0.620	-0.154	-1.795	1.246	0.788	DCER(18:0)	Sphingolipids	Dihydroceramide
CR	IGF-1	id_186	0.003	-0.003	0.012	0.428	-0.024	-0.111	0.072	0.560	-0.022	-0.106	0.077	0.608	-0.123	-0.977	1.016	0.824	0)	MAG	Ester
CR	IGF-1	id_186	0.003	-0.003	0.012	0.428	-0.024	-0.111	0.072	0.560	-0.022	-0.106	0.077	0.608	-0.123	-0.977	1.016	0.824	0)	MAG	Ester
CR	IGF-1	id_119	0.003	-0.004	0.010	0.434	-0.024	-0.113	0.063	0.590	-0.022	-0.109	0.069	0.610	-0.126	-0.885	0.970	0.812	DCER(18:1)	Sphingolipids	Dihydroceramide
CR	IGF-1	id_119	0.003	-0.004	0.010	0.434	-0.024	-0.113	0.063	0.590	-0.022	-0.109	0.069	0.610	-0.126	-0.885	0.970	0.812	DCER(18:1)	Sphingolipids	Dihydroceramide
CR	IGF-1	id_773	0.003	-0.010	0.010	0.436	-0.024	-0.111	0.063	0.600	-0.022	-0.109	0.063	0.634	-0.138	-1.386	1.363	0.782	TAG53:7-FA18:3	Triacylglycerol	TAG Ester
CR	IGF-1	id_773	0.003	-0.010	0.010	0.436	-0.024	-0.111	0.063	0.600	-0.022	-0.109	0.063	0.634	-0.138	-1.386	1.363	0.782	TAG53:7-FA18:3	Triacylglycerol	TAG Ester
CR	IGF-1	id_289	0.006	-0.014	0.019	0.454	-0.027	-0.118	0.057	0.548	-0.022	-0.110	0.060	0.624	-0.266	-3.086	2.819	0.810	PC(18:2/16:1)	Phosphatidylcholine	PC Ester
CR	IGF-1	id_289	0.006	-0.014	0.019	0.454	-0.027	-0.118	0.057	0.548	-0.022	-0.110	0.060	0.624	-0.266	-3.086	2.819	0.810	PC(18:2/16:1)	Phosphatidylcholine	PC Ester
CR	IGF-1	id_770	0.003	-0.014	0.010	0.460	-0.025	-0.112	0.070	0.604	-0.022	-0.108	0.072	0.660	-0.145	-1.181	1.506	0.864	TAG53:6-FA18:2	Triacylglycerol	TAG Ester
CR	IGF-1	id_770	0.003	-0.014	0.010	0.460	-0.025	-0.112	0.070	0.604	-0.022	-0.108	0.072	0.660	-0.145	-1.181	1.506	0.864	TAG53:6-FA18:2	Triacylglycerol	TAG Ester
CR	IGF-1	id_982	0.003	-0.006	0.011	0.466	-0.024	-0.107	0.064	0.594	-0.022	-0.103	0.066	0.624	-0.126	-1.000	0.917	0.810	Total HCER	Sphingolipid SUM	Hexosylceramides
CR	IGF-1	id_982	0.003	-0.006	0.011	0.466	-0.024	-0.107	0.064	0.594	-0.022	-0.103	0.066	0.624	-0.126	-1.000	0.917	0.810	Total HCER	Sphingolipid SUM	Hexosylceramides
CR	IGF-1	id_147	0.006	-0.010	0.021	0.470	-0.027	-0.116	0.059	0.524	-0.022	-0.110	0.065	0.624	-0.264	-2.253	2.614	0.902	LCER(22:0)	Sphingolipids	Lactosylceramide
CR	IGF-1	id_147	0.006	-0.010	0.021	0.470	-0.027	-0.116	0.059	0.524	-0.022	-0.110	0.065	0.624	-0.264	-2.253	2.614	0.902	LCER(22:0)	Sphingolipids	Lactosylceramide
CR	IGF-1	id_451	0.006	-0.019	0.022	0.476	-0.028	-0.114	0.062	0.540	-0.022	-0.104	0.062	0.600	-0.290	-2.457	3.793	0.736	SM(18:1)	Sphingolipids	Sphingomyelin
CR	IGF-1	id_451	0.006	-0.019	0.022	0.476	-0.028	-0.114	0.062	0.540	-0.022	-0.104	0.062	0.600	-0.290	-2.457	3.793	0.736	SM(18:1)	Sphingolipids	Sphingomyelin
CR	IGF-1	id_137	0.003	-0.005	0.012	0.480	-0.024	-0.108	0.061	0.594	-0.022	-0.102	0.063	0.640	-0.131	-0.913	1.146	0.804	HCER(24:0)	Sphingolipids	Hexosylceramide

CR	IGF-1	id_137	0.003	-0.005	0.012	0.480	-0.024	-0.108	0.061	0.594	-0.022	-0.102	0.063	0.640	-0.131	-0.913	1.146	0.804	HCER(24:0)	Sphingolipids	Hexosylceramide
CR	IGF-1	id_272	0.006	-0.013	0.020	0.500	-0.027	-0.115	0.065	0.580	-0.022	-0.108	0.067	0.664	-0.256	-1.722	2.380	0.816	PC(18:0/20:4)	Phosphatidylcholine	PC Ester
CR	IGF-1	id_272	0.006	-0.013	0.020	0.500	-0.027	-0.115	0.065	0.580	-0.022	-0.108	0.067	0.664	-0.256	-1.722	2.380	0.816	PC(18:0/20:4)	Phosphatidylcholine	PC Ester
CR	IGF-1	id_450	0.005	-0.018	0.017	0.510	-0.026	-0.117	0.069	0.588	-0.022	-0.108	0.066	0.618	-0.226	-1.943	1.549	0.712	SM(18:0)	Sphingolipids	Sphingomyelin
CR	IGF-1	id_450	0.005	-0.018	0.017	0.510	-0.026	-0.117	0.069	0.588	-0.022	-0.108	0.066	0.618	-0.226	-1.943	1.549	0.712	SM(18:0)	Sphingolipids	Sphingomyelin
CR	IGF-1	id_144	0.003	-0.008	0.011	0.512	-0.024	-0.113	0.065	0.614	-0.022	-0.110	0.066	0.632	-0.118	-1.111	0.945	0.812	LCER(18:1)	Sphingolipids	Lactosylceramide
CR	IGF-1	id_144	0.003	-0.008	0.011	0.512	-0.024	-0.113	0.065	0.614	-0.022	-0.110	0.066	0.632	-0.118	-1.111	0.945	0.812	LCER(18:1)	Sphingolipids	Lactosylceramide
CR	IGF-1	id_199	0.002	-0.005	0.011	0.516	-0.023	-0.109	0.059	0.606	-0.022	-0.107	0.062	0.638	-0.084	-0.865	0.936	0.870	1)	MAG	Ester
CR	IGF-1	id_199	0.002	-0.005	0.011	0.516	-0.023	-0.109	0.059	0.606	-0.022	-0.107	0.062	0.638	-0.084	-0.865	0.936	0.870	1)	MAG	Ester
CR	IGF-1	id_151	-0.003	-0.018	0.005	0.518	-0.018	-0.097	0.070	0.710	-0.022	-0.102	0.064	0.658	0.149	-2.059	1.521	0.796	LCER(26:0)	Sphingolipids	Lactosylceramide
CR	IGF-1	id_151	-0.003	-0.018	0.005	0.518	-0.018	-0.097	0.070	0.710	-0.022	-0.102	0.064	0.658	0.149	-2.059	1.521	0.796	LCER(26:0)	Sphingolipids	Lactosylceramide
CR	IGF-1	id_149	-0.005	-0.023	0.009	0.526	-0.017	-0.095	0.071	0.716	-0.022	-0.101	0.069	0.636	0.231	-2.427	2.234	0.766	LCER(24:0)	Sphingolipids	Lactosylceramide
CR	IGF-1	id_409	0.006	-0.017	0.023	0.526	-0.028	-0.118	0.066	0.582	-0.022	-0.109	0.063	0.624	-0.296	-2.827	2.945	0.714	PE(P-18:0/22:5)	Phosphatidylethanolamine	PE Plasmalogen
CR	IGF-1	id_149	-0.005	-0.023	0.009	0.526	-0.017	-0.095	0.071	0.716	-0.022	-0.101	0.069	0.636	0.231	-2.427	2.234	0.766	LCER(24:0)	Sphingolipids	Lactosylceramide
CR	IGF-1	id_409	0.006	-0.017	0.023	0.526	-0.028	-0.118	0.066	0.582	-0.022	-0.109	0.063	0.624	-0.296	-2.827	2.945	0.714	PE(P-18:0/22:5)	Phosphatidylethanolamine	PE Plasmalogen
CR	IGF-1	id_387	0.006	-0.015	0.023	0.528	-0.028	-0.123	0.070	0.550	-0.022	-0.112	0.067	0.620	-0.293	-2.401	2.242	0.736	PE(P-16:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen
CR	IGF-1	id_387	0.006	-0.015	0.023	0.528	-0.028	-0.123	0.070	0.550	-0.022	-0.112	0.067	0.620	-0.293	-2.401	2.242	0.736	PE(P-16:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen
CR	IGF-1	id_195	0.002	-0.010	0.010	0.536	-0.023	-0.102	0.064	0.604	-0.022	-0.100	0.064	0.624	-0.081	-1.016	1.055	0.836	2)	MAG	Ester
CR	IGF-1	id_195	0.002	-0.010	0.010	0.536	-0.023	-0.102	0.064	0.604	-0.022	-0.100	0.064	0.624	-0.081	-1.016	1.055	0.836	2)	MAG	Ester
CR	IGF-1	id_663	0.005	-0.025	0.017	0.538	-0.026	-0.116	0.066	0.596	-0.022	-0.106	0.066	0.618	-0.224	-3.576	3.981	0.788	TAG51:3-FA18:1	Triacylglycerol	TAG Ester

CR	IGF-1	id_663	0.005	-0.025	0.017	0.538	-0.026	-0.116	0.066	0.596	-0.022	-0.106	0.066	0.618	-0.224	-3.576	3.981	0.788	TAG51:3- Triacylglycer	FA18:1 ol	TAG Ester
CR	IGF-1	id_293	0.005	-0.008	0.023	0.570	-0.026	-0.116	0.059	0.536	-0.022	-0.113	0.061	0.598	-0.214	-2.116	1.591	0.788	PC(18:2/ Phosphatidyl	20:2) choline	PC Ester
CR	IGF-1	id_293	0.005	-0.008	0.023	0.570	-0.026	-0.116	0.059	0.536	-0.022	-0.113	0.061	0.598	-0.214	-2.116	1.591	0.788	PC(18:2/ Phosphatidyl	20:2) choline	PC Ester
CR	IGF-1	id_459	0.005	-0.022	0.015	0.574	-0.027	-0.099	0.061	0.548	-0.022	-0.101	0.065	0.594	-0.236	-1.971	2.074	0.856	SM(26:1 Sphingolipid	s	Sphingomyel in
CR	IGF-1	id_459	0.005	-0.022	0.015	0.574	-0.027	-0.099	0.061	0.548	-0.022	-0.101	0.065	0.594	-0.236	-1.971	2.074	0.856	SM(26:1 Sphingolipid	s	Sphingomyel in
CR	IGF-1	id_131	0.002	-0.004	0.009	0.588	-0.023	-0.113	0.061	0.590	-0.022	-0.111	0.062	0.616	-0.070	-0.745	0.700	0.828	HCER(18 Sphingolipid	:0) s	Hexosylcera mide
CR	IGF-1	id_660	0.004	-0.034	0.014	0.588	-0.026	-0.112	0.079	0.656	-0.022	-0.108	0.068	0.622	-0.186	-2.151	2.976	0.826	TAG51:3- Triacylglycer	FA16:0 ol	TAG Ester
CR	IGF-1	id_131	0.002	-0.004	0.009	0.588	-0.023	-0.113	0.061	0.590	-0.022	-0.111	0.062	0.616	-0.070	-0.745	0.700	0.828	HCER(18 Sphingolipid	:0) s	Hexosylcera mide
CR	IGF-1	id_660	0.004	-0.034	0.014	0.588	-0.026	-0.112	0.079	0.656	-0.022	-0.108	0.068	0.622	-0.186	-2.151	2.976	0.826	TAG51:3- Triacylglycer	FA16:0 ol	TAG Ester
CR	IGF-1	id_381	0.004	-0.017	0.019	0.600	-0.026	-0.112	0.069	0.564	-0.022	-0.104	0.068	0.606	-0.188	-2.546	1.496	0.730	PE(O- Phosphatidyl	18:0/22: ethanolamin e	PE Ether
CR	IGF-1	id_381	0.004	-0.017	0.019	0.600	-0.026	-0.112	0.069	0.564	-0.022	-0.104	0.068	0.606	-0.188	-2.546	1.496	0.730	PE(O- Phosphatidyl	18:0/22: ethanolamin e	PE Ether
CR	IGF-1	id_366	0.004	-0.009	0.023	0.606	-0.025	-0.114	0.059	0.560	-0.022	-0.108	0.063	0.598	-0.174	-1.707	2.410	0.816	PE(O- Phosphatidyl	16:0/18: ethanolamin e	PE Ether
CR	IGF-1	id_366	0.004	-0.009	0.023	0.606	-0.025	-0.114	0.059	0.560	-0.022	-0.108	0.063	0.598	-0.174	-1.707	2.410	0.816	PE(O- Phosphatidyl	16:0/18: ethanolamin e	PE Ether
CR	IGF-1	id_983	-0.003	-0.021	0.007	0.608	-0.019	-0.102	0.071	0.722	-0.022	-0.104	0.069	0.658	0.138	-1.298	1.592	0.830	Total Sphingolipid	LCER SUM	Lactosylcera mides
CR	IGF-1	id_983	-0.003	-0.021	0.007	0.608	-0.019	-0.102	0.071	0.722	-0.022	-0.104	0.069	0.658	0.138	-1.298	1.592	0.830	Total Sphingolipid	LCER SUM	Lactosylcera mides
CR	IGF-1	id_121	0.001	-0.010	0.008	0.610	-0.023	-0.111	0.060	0.584	-0.022	-0.113	0.061	0.602	-0.069	-0.897	1.017	0.864	DCER(20 Sphingolipid	:1) s	Dihydrocera mide
CR	IGF-1	id_121	0.001	-0.010	0.008	0.610	-0.023	-0.111	0.060	0.584	-0.022	-0.113	0.061	0.602	-0.069	-0.897	1.017	0.864	DCER(20 Sphingolipid	:1) s	Dihydrocera mide
CR	IGF-1	id_188	0.000	-0.008	0.013	0.614	-0.022	-0.114	0.064	0.594	-0.022	-0.113	0.064	0.624	-0.018	-1.178	1.079	0.866	1) ,	MAG	Ester
CR	IGF-1	id_188	0.000	-0.008	0.013	0.614	-0.022	-0.114	0.064	0.594	-0.022	-0.113	0.064	0.624	-0.018	-1.178	1.079	0.866	1) ,	MAG	Ester

CR	IGF-1	id_425	0.003	-0.009	0.016	0.616	-0.024	-0.105	0.069	0.596	-0.022	-0.098	0.068	0.650	-0.137	-1.578	1.551	0.770	PE(P-18:2/20:4)	Phosphatidylethanolamine	PE Plasmalogen
CR	IGF-1	id_425	0.003	-0.009	0.016	0.616	-0.024	-0.105	0.069	0.596	-0.022	-0.098	0.068	0.650	-0.137	-1.578	1.551	0.770	PE(P-18:2/20:4)	Phosphatidylethanolamine	PE Plasmalogen
CR	IGF-1	id_130	0.002	-0.009	0.013	0.626	-0.024	-0.115	0.064	0.640	-0.022	-0.110	0.064	0.678	-0.108	-0.954	1.375	0.824	HCER(16:0)	Sphingolipids	Hexosylceramide
CR	IGF-1	id_130	0.002	-0.009	0.013	0.626	-0.024	-0.115	0.064	0.640	-0.022	-0.110	0.064	0.678	-0.108	-0.954	1.375	0.824	HCER(16:0)	Sphingolipids	Hexosylceramide
CR	IGF-1	id_044	0.003	-0.009	0.019	0.644	-0.024	-0.112	0.058	0.590	-0.022	-0.107	0.064	0.626	-0.135	-1.940	1.564	0.938	CE(24:0)	Cholesterol Ester	CE Ester
CR	IGF-1	id_044	0.003	-0.009	0.019	0.644	-0.024	-0.112	0.058	0.590	-0.022	-0.107	0.064	0.626	-0.135	-1.940	1.564	0.938	CE(24:0)	Cholesterol Ester	CE Ester
CR	IGF-1	id_142	-0.003	-0.018	0.008	0.646	-0.018	-0.109	0.076	0.670	-0.022	-0.109	0.072	0.626	0.151	-1.345	1.537	0.888	LCER(16:0)	Sphingolipids	Lactosylceramide
CR	IGF-1	id_142	-0.003	-0.018	0.008	0.646	-0.018	-0.109	0.076	0.670	-0.022	-0.109	0.072	0.626	0.151	-1.345	1.537	0.888	LCER(16:0)	Sphingolipids	Lactosylceramide
CR	IGF-1	id_146	0.004	-0.013	0.017	0.652	-0.025	-0.119	0.062	0.560	-0.022	-0.115	0.064	0.582	-0.171	-2.041	1.522	0.934	LCER(20:1)	Sphingolipids	Lactosylceramide
CR	IGF-1	id_146	0.004	-0.013	0.017	0.652	-0.025	-0.119	0.062	0.560	-0.022	-0.115	0.064	0.582	-0.171	-2.041	1.522	0.934	LCER(20:1)	Sphingolipids	Lactosylceramide
CR	IGF-1	id_160	0.003	-0.016	0.013	0.666	-0.024	-0.112	0.065	0.582	-0.022	-0.114	0.069	0.612	-0.130	-2.385	1.319	0.966	LPC(18:2)	Lysophosphatidylcholine	LPC Ester
CR	IGF-1	id_160	0.003	-0.016	0.013	0.666	-0.024	-0.112	0.065	0.582	-0.022	-0.114	0.069	0.612	-0.130	-2.385	1.319	0.966	LPC(18:2)	Lysophosphatidylcholine	LPC Ester
CR	IGF-1	id_043	0.001	-0.005	0.011	0.676	-0.023	-0.109	0.069	0.616	-0.022	-0.104	0.068	0.626	-0.054	-0.918	0.718	0.858	CE(22:6)	Cholesterol Ester	CE Ester
CR	IGF-1	id_043	0.001	-0.005	0.011	0.676	-0.023	-0.109	0.069	0.616	-0.022	-0.104	0.068	0.626	-0.054	-0.918	0.718	0.858	CE(22:6)	Cholesterol Ester	CE Ester
CR	IGF-1	id_667	0.003	-0.042	0.014	0.692	-0.025	-0.108	0.079	0.658	-0.022	-0.104	0.070	0.596	-0.160	-2.571	3.538	0.876	TAG51:4-FA16:0	Triacylglycerol	TAG Ester
CR	IGF-1	id_667	0.003	-0.042	0.014	0.692	-0.025	-0.108	0.079	0.658	-0.022	-0.104	0.070	0.596	-0.160	-2.571	3.538	0.876	TAG51:4-FA16:0	Triacylglycerol	TAG Ester
CR	IGF-1	id_205	0.000	-0.008	0.017	0.696	-0.022	-0.111	0.069	0.656	-0.022	-0.107	0.067	0.672	-0.004	-1.137	0.714	0.860	1)	MAG	Ester
CR	IGF-1	id_205	0.000	-0.008	0.017	0.696	-0.022	-0.111	0.069	0.656	-0.022	-0.107	0.067	0.672	-0.004	-1.137	0.714	0.860	1)	MAG	Ester

CR	IGF-1	id_170	0.000	-0.007	0.011	0.714	-0.021	-0.110	0.061	0.618	-0.022	-0.109	0.062	0.642	0.004	-1.018	1.041	0.912	LPC(22:6)	Lysophosphatidylcholine	LPC Ester
CR	IGF-1	id_170	0.000	-0.007	0.011	0.714	-0.021	-0.110	0.061	0.618	-0.022	-0.109	0.062	0.642	0.004	-1.018	1.041	0.912	LPC(22:6)	Lysophosphatidylcholine	LPC Ester
CR	IGF-1	id_419	0.003	-0.016	0.021	0.730	-0.024	-0.110	0.070	0.604	-0.022	-0.105	0.067	0.628	-0.135	-1.648	1.986	0.750	PE(P-18:1/20:4)	Phosphatidylethanolamine	PE Plasmalogen
CR	IGF-1	id_419	0.003	-0.016	0.021	0.730	-0.024	-0.110	0.070	0.604	-0.022	-0.105	0.067	0.628	-0.135	-1.648	1.986	0.750	PE(P-18:1/20:4)	Phosphatidylethanolamine	PE Plasmalogen
CR	IGF-1	id_209	0.001	-0.015	0.011	0.738	-0.023	-0.108	0.062	0.608	-0.022	-0.107	0.065	0.612	-0.069	-0.825	1.449	0.982	6)	MAG	Ester
CR	IGF-1	id_209	0.001	-0.015	0.011	0.738	-0.023	-0.108	0.062	0.608	-0.022	-0.107	0.065	0.612	-0.069	-0.825	1.449	0.982	6)	MAG	Ester
CR	IGF-1	id_382	0.001	-0.007	0.008	0.752	-0.022	-0.116	0.065	0.622	-0.022	-0.114	0.065	0.640	-0.031	-0.781	0.937	0.932	PE(O-18:0/22:6)	Phosphatidylethanolamine	PE Ether
CR	IGF-1	id_382	0.001	-0.007	0.008	0.752	-0.022	-0.116	0.065	0.622	-0.022	-0.114	0.065	0.640	-0.031	-0.781	0.937	0.932	PE(O-18:0/22:6)	Phosphatidylethanolamine	PE Ether
CR	IGF-1	id_138	0.000	-0.006	0.008	0.772	-0.022	-0.106	0.061	0.552	-0.022	-0.107	0.061	0.560	-0.013	-0.927	0.457	0.888	HCER(24:1)	Sphingolipids	Hexosylceramide
CR	IGF-1	id_138	0.000	-0.006	0.008	0.772	-0.022	-0.106	0.061	0.552	-0.022	-0.107	0.061	0.560	-0.013	-0.927	0.457	0.888	HCER(24:1)	Sphingolipids	Hexosylceramide
CR	IGF-1	id_354	0.001	-0.012	0.011	0.782	-0.022	-0.112	0.068	0.544	-0.022	-0.108	0.070	0.570	-0.026	-1.702	1.272	0.916	PE(18:1/22:0)	Phosphatidylethanolamine	PE Ester
CR	IGF-1	id_251	0.001	-0.005	0.010	0.782	-0.022	-0.103	0.068	0.600	-0.022	-0.101	0.068	0.612	-0.028	-0.990	0.686	0.930	PC(16:0/22:6)	Phosphatidylcholine	PC Ester
CR	IGF-1	id_354	0.001	-0.012	0.011	0.782	-0.022	-0.112	0.068	0.544	-0.022	-0.108	0.070	0.570	-0.026	-1.702	1.272	0.916	PE(18:1/22:0)	Phosphatidylethanolamine	PE Ester
CR	IGF-1	id_251	0.001	-0.005	0.010	0.782	-0.022	-0.103	0.068	0.600	-0.022	-0.101	0.068	0.612	-0.028	-0.990	0.686	0.930	PC(16:0/22:6)	Phosphatidylcholine	PC Ester
CR	IGF-1	id_152	0.001	-0.006	0.009	0.790	-0.022	-0.107	0.064	0.634	-0.022	-0.105	0.062	0.642	-0.032	-0.571	0.822	0.936	LCER(26:1)	Sphingolipids	Lactosylceramide
CR	IGF-1	id_152	0.001	-0.006	0.009	0.790	-0.022	-0.107	0.064	0.634	-0.022	-0.105	0.062	0.642	-0.032	-0.571	0.822	0.936	LCER(26:1)	Sphingolipids	Lactosylceramide

CR	IGF-1	id_392	0.002	-0.020	0.021	0.792	-0.024	-0.117	0.063	0.584	-0.022	-0.107	0.060	0.588	-0.107	-3.122	2.153	0.772	PE(P-16:0/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	IGF-1	id_392	0.002	-0.020	0.021	0.792	-0.024	-0.117	0.063	0.584	-0.022	-0.107	0.060	0.588	-0.107	-3.122	2.153	0.772	PE(P-16:0/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	IGF-1	id_406	0.002	-0.013	0.018	0.794	-0.023	-0.113	0.078	0.614	-0.022	-0.106	0.076	0.622	-0.090	-1.714	1.614	0.876	PE(P-18:0/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	IGF-1	id_406	0.002	-0.013	0.018	0.794	-0.023	-0.113	0.078	0.614	-0.022	-0.106	0.076	0.622	-0.090	-1.714	1.614	0.876	PE(P-18:0/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	IGF-1	id_372	0.000	-0.006	0.009	0.812	-0.022	-0.105	0.066	0.650	-0.022	-0.106	0.066	0.674	-0.018	-0.514	0.794	0.882	PE(O-16:0/22:6)	Phosphatidyl ethanolamine	PE Ether
CR	IGF-1	id_372	0.000	-0.006	0.009	0.812	-0.022	-0.105	0.066	0.650	-0.022	-0.106	0.066	0.674	-0.018	-0.514	0.794	0.882	PE(O-16:0/22:6)	Phosphatidyl ethanolamine	PE Ether
CR	IGF-1	id_423	0.001	-0.007	0.010	0.820	-0.022	-0.109	0.073	0.656	-0.022	-0.103	0.071	0.666	-0.025	-0.740	0.733	0.870	PE(P-18:1/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	IGF-1	id_423	0.001	-0.007	0.010	0.820	-0.022	-0.109	0.073	0.656	-0.022	-0.103	0.071	0.666	-0.025	-0.740	0.733	0.870	PE(P-18:1/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	IGF-1	id_189	0.001	-0.005	0.011	0.832	-0.022	-0.112	0.067	0.674	-0.022	-0.109	0.069	0.682	-0.032	-0.749	0.806	0.926	PE(O-18:0/22:0)	MAG	Ester
CR	IGF-1	id_189	0.001	-0.005	0.011	0.832	-0.022	-0.112	0.067	0.674	-0.022	-0.109	0.069	0.682	-0.032	-0.749	0.806	0.926	PE(O-18:0/22:0)	MAG	Ester
CR	IGF-1	id_396	0.001	-0.007	0.010	0.846	-0.022	-0.111	0.065	0.626	-0.022	-0.109	0.063	0.632	-0.031	-0.632	1.080	0.882	PE(P-16:0/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	IGF-1	id_396	0.001	-0.007	0.010	0.846	-0.022	-0.111	0.065	0.626	-0.022	-0.109	0.063	0.632	-0.031	-0.632	1.080	0.882	PE(P-16:0/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	IGF-1	id_410	0.000	-0.006	0.011	0.874	-0.021	-0.114	0.070	0.592	-0.022	-0.114	0.072	0.608	0.012	-0.976	0.726	0.938	PE(P-18:0/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	IGF-1	id_410	0.000	-0.006	0.011	0.874	-0.021	-0.114	0.070	0.592	-0.022	-0.114	0.072	0.608	0.012	-0.976	0.726	0.938	PE(P-18:0/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	IGF-1	id_378	0.001	-0.014	0.019	0.878	-0.023	-0.116	0.070	0.632	-0.022	-0.113	0.071	0.642	-0.055	-1.796	1.540	0.832	PE(O-18:0/20:4)	Phosphatidyl ethanolamine	PE Ether

CR	IGF-1	id_378	0.001	-0.014	0.019	0.878	-0.023	-0.116	0.070	0.632	-0.022	-0.113	0.071	0.642	-0.055	-1.796	1.540	0.832	PE(O-18:0/20:4)	Phosphatidylethanolamine	PE Ether
CR	IGF-1	id_048	-0.001	-0.038	0.014	0.888	-0.021	-0.107	0.080	0.756	-0.022	-0.111	0.067	0.668	0.032	-4.173	3.760	0.964	CER(18:0)	Sphingolipids	Ceramide
CR	IGF-1	id_048	-0.001	-0.038	0.014	0.888	-0.021	-0.107	0.080	0.756	-0.022	-0.111	0.067	0.668	0.032	-4.173	3.760	0.964	CER(18:0)	Sphingolipids	Ceramide
CR	IGF-1	id_148	-0.001	-0.012	0.008	0.894	-0.021	-0.109	0.066	0.654	-0.022	-0.109	0.065	0.634	0.040	-1.089	0.958	0.904	LCER(22:1)	Sphingolipids	Lactosylceramide
CR	IGF-1	id_148	-0.001	-0.012	0.008	0.894	-0.021	-0.109	0.066	0.654	-0.022	-0.109	0.065	0.634	0.040	-1.089	0.958	0.904	LCER(22:1)	Sphingolipids	Lactosylceramide
CR	IGF-1	id_141	0.000	-0.008	0.009	0.896	-0.022	-0.106	0.069	0.642	-0.022	-0.107	0.071	0.654	-0.008	-0.700	1.140	0.950	LCER(14:0)	Sphingolipids	Lactosylceramide
CR	IGF-1	id_141	0.000	-0.008	0.009	0.896	-0.022	-0.106	0.069	0.642	-0.022	-0.107	0.071	0.654	-0.008	-0.700	1.140	0.950	LCER(14:0)	Sphingolipids	Lactosylceramide
CR	IGF-1	id_129	0.000	-0.021	0.011	0.912	-0.021	-0.101	0.080	0.708	-0.022	-0.101	0.075	0.664	0.010	-1.451	1.814	0.980	HCER(14:0)	Sphingolipids	Hexosylceramide
CR	IGF-1	id_129	0.000	-0.021	0.011	0.912	-0.021	-0.101	0.080	0.708	-0.022	-0.101	0.075	0.664	0.010	-1.451	1.814	0.980	HCER(14:0)	Sphingolipids	Hexosylceramide
CR	IGF-1	id_039	0.000	-0.011	0.015	0.940	-0.022	-0.109	0.065	0.620	-0.022	-0.111	0.066	0.618	-0.009	-1.840	2.278	0.994	Cholesterol CE(22:1)	Ester	CE Ester
CR	IGF-1	id_039	0.000	-0.011	0.015	0.940	-0.022	-0.109	0.065	0.620	-0.022	-0.111	0.066	0.618	-0.009	-1.840	2.278	0.994	Cholesterol CE(22:1)	Ester	CE Ester
CR	IGF-1	id_072	-0.001	-0.008	0.008	0.978	-0.020	-0.106	0.061	0.614	-0.022	-0.102	0.061	0.612	0.052	-0.796	0.667	0.994	DAG(14:1/18:1)	Diacylglycerol	DAG Ester
CR	IGF-1	id_072	-0.001	-0.008	0.008	0.978	-0.020	-0.106	0.061	0.614	-0.022	-0.102	0.061	0.612	0.052	-0.796	0.667	0.994	DAG(14:1/18:1)	Diacylglycerol	DAG Ester
CR	IGF-1	id_203	0.000	-0.027	0.009	0.988	-0.022	-0.104	0.071	0.706	-0.022	-0.107	0.066	0.664	-0.011	-1.932	1.493	0.964	MAG 5)	MAG	Ester
CR	IGF-1	id_203	0.000	-0.027	0.009	0.988	-0.022	-0.104	0.071	0.706	-0.022	-0.107	0.066	0.664	-0.011	-1.932	1.493	0.964	MAG 5)	MAG	Ester
AL	IGF-1	id_023	0.007	-0.007	0.031	0.418	-0.122	-0.229	-0.019	0.018	-0.115	-0.216	-0.014	0.030	-0.060	-0.485	0.099	0.440	Cholesterol CE(15:0)	Ester	CE Ester
AL	IGF-1	id_024	0.003	-0.017	0.024	0.754	-0.118	-0.218	-0.010	0.030	-0.115	-0.216	-0.005	0.040	-0.025	-0.411	0.271	0.774	Cholesterol CE(16:0)	Ester	CE Ester
AL	IGF-1	id_026	0.001	-0.010	0.015	0.850	-0.116	-0.222	-0.015	0.038	-0.115	-0.220	-0.015	0.030	-0.010	-0.164	0.132	0.844	Cholesterol CE(17:0)	Ester	CE Ester
AL	IGF-1	id_027	0.001	-0.015	0.013	0.922	-0.116	-0.214	-0.014	0.032	-0.115	-0.214	-0.013	0.034	-0.012	-0.190	0.207	0.924	Cholesterol CE(18:0)	Ester	CE Ester
AL	IGF-1	id_028	0.004	-0.014	0.021	0.614	-0.119	-0.214	-0.013	0.036	-0.115	-0.211	-0.010	0.036	-0.034	-0.308	0.223	0.638	Cholesterol CE(18:1)	Ester	CE Ester

AL	IGF-1	id_029	0.003	-0.014	0.015	0.856	-0.118	-0.223	-0.013	0.028	-0.115	-0.221	-0.013	0.028	-0.023	-0.187	0.187	0.868	CE(18:2)	Cholesterol Ester	CE Ester
AL	IGF-1	id_033	-0.002	-0.021	0.008	0.772	-0.113	-0.217	-0.011	0.034	-0.115	-0.217	-0.010	0.026	0.015	-0.125	0.307	0.774	CE(20:1)	Cholesterol Ester	CE Ester
AL	IGF-1	id_034	0.003	-0.012	0.020	0.684	-0.118	-0.222	-0.014	0.038	-0.115	-0.223	-0.013	0.034	-0.029	-0.305	0.146	0.702	CE(20:2)	Cholesterol Ester	CE Ester
AL	IGF-1	id_035	0.001	-0.014	0.019	0.854	-0.116	-0.213	-0.016	0.030	-0.115	-0.213	-0.017	0.030	-0.012	-0.240	0.177	0.856	CE(20:3)	Cholesterol Ester	CE Ester
AL	IGF-1	id_036	-0.001	-0.020	0.011	0.862	-0.114	-0.219	-0.013	0.030	-0.115	-0.222	-0.015	0.028	0.012	-0.151	0.241	0.854	CE(20:4)	Cholesterol Ester	CE Ester
AL	IGF-1	id_041	0.001	-0.017	0.014	0.964	-0.116	-0.216	-0.014	0.034	-0.115	-0.215	-0.016	0.028	-0.006	-0.194	0.239	0.972	CE(22:4)	Cholesterol Ester	CE Ester
AL	IGF-1	id_042	-0.006	-0.036	0.014	0.576	-0.109	-0.209	-0.003	0.044	-0.115	-0.216	-0.013	0.020	0.050	-0.194	0.634	0.572	CE(22:5)	Cholesterol Ester	CE Ester
AL	IGF-1	id_043	-0.005	-0.036	0.017	0.630	-0.110	-0.208	-0.001	0.050	-0.115	-0.221	-0.004	0.046	0.045	-0.332	0.461	0.624	CE(22:6)	Cholesterol Ester	CE Ester
AL	IGF-1	id_044	0.003	-0.008	0.014	0.542	-0.118	-0.220	-0.009	0.034	-0.115	-0.217	-0.008	0.032	-0.028	-0.186	0.125	0.554	CE(24:0)	Cholesterol Ester	CE Ester
AL	IGF-1	id_045	0.002	-0.011	0.020	0.680	-0.117	-0.225	-0.008	0.038	-0.115	-0.218	-0.009	0.038	-0.021	-0.246	0.223	0.678	CE(24:1)	Cholesterol Ester	CE Ester
AL	IGF-1	id_046	-0.001	-0.012	0.014	0.998	-0.114	-0.224	-0.007	0.034	-0.115	-0.224	-0.007	0.032	0.005	-0.187	0.166	0.998	) CER(14:0)	Sphingolipid s	Ceramide
AL	IGF-1	id_047	-0.001	-0.013	0.011	0.960	-0.114	-0.225	-0.010	0.036	-0.115	-0.227	-0.010	0.032	0.004	-0.161	0.205	0.944	) CER(16:0)	Sphingolipid s	Ceramide
AL	IGF-1	id_048	-0.002	-0.022	0.011	0.784	-0.113	-0.218	-0.006	0.036	-0.115	-0.218	-0.008	0.034	0.014	-0.184	0.263	0.786	) CER(18:0)	Sphingolipid s	Ceramide
AL	IGF-1	id_049	0.003	-0.021	0.022	0.818	-0.118	-0.206	-0.017	0.020	-0.115	-0.207	-0.014	0.028	-0.025	-0.390	0.274	0.838	) CER(18:1)	Sphingolipid s	Ceramide
AL	IGF-1	id_050	-0.002	-0.021	0.013	0.738	-0.113	-0.217	-0.006	0.040	-0.115	-0.218	-0.008	0.036	0.018	-0.199	0.301	0.734	) CER(20:0)	Sphingolipid s	Ceramide
AL	IGF-1	id_051	0.005	-0.014	0.023	0.654	-0.120	-0.217	-0.020	0.020	-0.115	-0.212	-0.017	0.026	-0.041	-0.307	0.204	0.668	) CER(20:1)	Sphingolipid s	Ceramide
AL	IGF-1	id_052	0.000	-0.013	0.012	0.978	-0.115	-0.217	-0.005	0.044	-0.115	-0.219	-0.005	0.040	-0.003	-0.184	0.228	0.974	) CER(22:0)	Sphingolipid s	Ceramide
AL	IGF-1	id_053	0.002	-0.011	0.021	0.756	-0.117	-0.231	-0.009	0.032	-0.115	-0.227	-0.008	0.036	-0.017	-0.291	0.171	0.772	) CER(22:1)	Sphingolipid s	Ceramide
AL	IGF-1	id_054	0.000	-0.013	0.010	0.836	-0.115	-0.215	0.000	0.050	-0.115	-0.215	-0.004	0.044	-0.001	-0.115	0.243	0.840	) CER(24:0)	Sphingolipid s	Ceramide
AL	IGF-1	id_055	-0.001	-0.023	0.015	0.894	-0.114	-0.219	0.001	0.054	-0.115	-0.217	0.000	0.052	0.007	-0.240	0.296	0.914	) CER(24:1)	Sphingolipid s	Ceramide

AL	IGF-1	id_057	0.008	-0.021	0.038	0.538	-0.123	-0.222	-0.021	0.022	-0.115	-0.221	-0.010	0.032	-0.071	-0.714	0.244	0.562	CER(26:1 Sphingolipids	Ceramide
AL	IGF-1	id_116	0.000	-0.012	0.010	0.840	-0.115	-0.220	-0.010	0.034	-0.115	-0.222	-0.011	0.032	0.004	-0.141	0.181	0.852	DCER(14 Sphingolipids	Dihydroceramide
AL	IGF-1	id_117	-0.002	-0.022	0.014	0.862	-0.113	-0.216	-0.010	0.034	-0.115	-0.217	-0.010	0.032	0.016	-0.216	0.285	0.858	DCER(16 Sphingolipids	Dihydroceramide
AL	IGF-1	id_118	0.003	-0.025	0.022	0.842	-0.118	-0.225	-0.008	0.024	-0.115	-0.226	-0.004	0.046	-0.024	-0.342	0.396	0.876	DCER(18 Sphingolipids	Dihydroceramide
AL	IGF-1	id_119	-0.001	-0.024	0.006	0.632	-0.114	-0.215	-0.009	0.040	-0.115	-0.216	-0.011	0.032	0.013	-0.086	0.262	0.648	DCER(18 Sphingolipids	Dihydroceramide
AL	IGF-1	id_120	0.001	-0.015	0.023	0.868	-0.116	-0.219	-0.018	0.022	-0.115	-0.218	-0.015	0.030	-0.009	-0.331	0.181	0.882	DCER(20 Sphingolipids	Dihydroceramide
AL	IGF-1	id_121	0.000	-0.018	0.013	0.900	-0.115	-0.218	-0.009	0.036	-0.115	-0.219	-0.011	0.026	-0.003	-0.164	0.243	0.898	DCER(20 Sphingolipids	Dihydroceramide
AL	IGF-1	id_122	0.000	-0.012	0.012	0.968	-0.115	-0.218	-0.012	0.032	-0.115	-0.220	-0.012	0.032	0.002	-0.181	0.177	0.972	DCER(22 Sphingolipids	Dihydroceramide
AL	IGF-1	id_123	0.000	-0.009	0.010	0.972	-0.115	-0.224	-0.014	0.030	-0.115	-0.226	-0.016	0.030	-0.002	-0.113	0.131	0.978	DCER(22 Sphingolipids	Dihydroceramide
AL	IGF-1	id_124	-0.001	-0.016	0.009	0.804	-0.114	-0.219	-0.013	0.028	-0.115	-0.220	-0.018	0.024	0.009	-0.117	0.214	0.808	DCER(22 Sphingolipids	Dihydroceramide
AL	IGF-1	id_125	0.001	-0.014	0.011	0.992	-0.116	-0.209	-0.005	0.044	-0.115	-0.207	-0.007	0.036	-0.006	-0.154	0.189	0.992	DCER(24 Sphingolipids	Dihydroceramide
AL	IGF-1	id_126	0.001	-0.012	0.015	0.916	-0.116	-0.212	-0.008	0.032	-0.115	-0.212	-0.010	0.034	-0.013	-0.218	0.195	0.922	DCER(24 Sphingolipids	Dihydroceramide
AL	IGF-1	id_128	0.000	-0.015	0.008	0.870	-0.115	-0.216	-0.003	0.040	-0.115	-0.219	-0.009	0.034	0.003	-0.102	0.284	0.884	DCER(26 Sphingolipids	Dihydroceramide
AL	IGF-1	id_129	0.000	-0.013	0.014	0.936	-0.115	-0.214	-0.006	0.036	-0.115	-0.214	-0.009	0.036	-0.001	-0.171	0.192	0.940	HCER(14 Sphingolipids	Hexosylceramide
AL	IGF-1	id_130	0.003	-0.025	0.039	0.774	-0.118	-0.221	-0.016	0.028	-0.115	-0.220	-0.012	0.032	-0.030	-0.723	0.303	0.794	HCER(16 Sphingolipids	Hexosylceramide
AL	IGF-1	id_131	0.009	-0.015	0.042	0.446	-0.124	-0.224	-0.027	0.014	-0.115	-0.218	-0.015	0.020	-0.080	-0.899	0.155	0.454	HCER(18 Sphingolipids	Hexosylceramide
AL	IGF-1	id_132	0.004	-0.013	0.020	0.678	-0.119	-0.220	-0.010	0.030	-0.115	-0.217	-0.006	0.036	-0.031	-0.337	0.179	0.690	HCER(18 Sphingolipids	Hexosylceramide
AL	IGF-1	id_133	0.012	-0.012	0.050	0.324	-0.127	-0.226	-0.022	0.014	-0.115	-0.218	-0.005	0.036	-0.103	-1.091	0.209	0.352	HCER(20 Sphingolipids	Hexosylceramide
AL	IGF-1	id_134	0.002	-0.011	0.020	0.786	-0.117	-0.218	-0.006	0.040	-0.115	-0.215	-0.005	0.042	-0.018	-0.331	0.164	0.808	HCER(20 Sphingolipids	Hexosylceramide
AL	IGF-1	id_135	0.006	-0.008	0.031	0.488	-0.121	-0.233	-0.014	0.024	-0.115	-0.221	-0.012	0.030	-0.052	-0.480	0.120	0.506	HCER(22 Sphingolipids	Hexosylceramide

AL	IGF-1	id_136	0.005	-0.011	0.029	0.510	-0.120	-0.217	-0.019	0.020	-0.115	-0.209	-0.011	0.030	-0.046	-0.686	0.139	0.528	HCER(22:1)	Sphingolipids	Hexosylceramide
AL	IGF-1	id_137	0.008	-0.007	0.031	0.358	-0.123	-0.220	-0.019	0.018	-0.115	-0.214	-0.013	0.024	-0.072	-0.533	0.105	0.374	HCER(24:0)	Sphingolipids	Hexosylceramide
AL	IGF-1	id_138	0.008	-0.016	0.039	0.524	-0.123	-0.225	-0.025	0.016	-0.115	-0.223	-0.011	0.032	-0.073	-0.756	0.205	0.552	HCER(24:1)	Sphingolipids	Hexosylceramide
AL	IGF-1	id_139	-0.001	-0.029	0.012	0.814	-0.114	-0.215	-0.006	0.038	-0.115	-0.217	-0.009	0.036	0.012	-0.191	0.402	0.794	HCER(26:0)	Sphingolipids	Hexosylceramide
AL	IGF-1	id_141	0.003	-0.021	0.025	0.768	-0.118	-0.224	-0.019	0.022	-0.115	-0.224	-0.016	0.026	-0.023	-0.437	0.211	0.778	LCER(14:0)	Sphingolipids	Lactosylceramide
AL	IGF-1	id_142	-0.001	-0.032	0.033	0.968	-0.114	-0.211	-0.019	0.028	-0.115	-0.214	-0.016	0.022	0.011	-0.570	0.376	0.954	LCER(16:0)	Sphingolipids	Lactosylceramide
AL	IGF-1	id_144	0.000	-0.016	0.008	0.862	-0.115	-0.221	-0.008	0.042	-0.115	-0.219	-0.007	0.040	-0.003	-0.115	0.188	0.862	LCER(18:1)	Sphingolipids	Lactosylceramide
AL	IGF-1	id_145	0.001	-0.025	0.026	0.942	-0.116	-0.211	-0.010	0.030	-0.115	-0.214	-0.005	0.036	-0.006	-0.635	0.353	0.954	LCER(20:0)	Sphingolipids	Lactosylceramide
AL	IGF-1	id_146	0.001	-0.011	0.014	0.944	-0.116	-0.219	-0.007	0.030	-0.115	-0.218	-0.007	0.030	-0.005	-0.193	0.149	0.962	LCER(20:1)	Sphingolipids	Lactosylceramide
AL	IGF-1	id_147	0.008	-0.022	0.037	0.562	-0.123	-0.228	-0.012	0.030	-0.115	-0.222	-0.002	0.048	-0.069	-0.745	0.270	0.594	LCER(22:0)	Sphingolipids	Lactosylceramide
AL	IGF-1	id_148	0.002	-0.019	0.027	0.844	-0.116	-0.216	-0.021	0.020	-0.115	-0.215	-0.017	0.022	-0.013	-0.492	0.248	0.858	LCER(22:1)	Sphingolipids	Lactosylceramide
AL	IGF-1	id_149	0.011	-0.019	0.042	0.450	-0.126	-0.221	-0.025	0.014	-0.115	-0.214	-0.010	0.030	-0.094	-0.851	0.207	0.480	LCER(24:0)	Sphingolipids	Lactosylceramide
AL	IGF-1	id_152	0.008	-0.020	0.042	0.552	-0.123	-0.223	-0.015	0.030	-0.115	-0.217	-0.006	0.036	-0.074	-0.869	0.285	0.580	LCER(26:1)	Sphingolipids	Lactosylceramide
AL	IGF-1	id_154	-0.012	-0.046	0.014	0.410	-0.103	-0.208	-0.005	0.038	-0.115	-0.222	-0.014	0.028	0.104	-0.236	0.575	0.406	LPC(15:0)	Lysophosphatidylcholine	LPC Ester
AL	IGF-1	id_157	-0.001	-0.017	0.014	0.908	-0.113	-0.218	-0.007	0.032	-0.115	-0.218	-0.009	0.026	0.013	-0.194	0.187	0.918	LPC(17:0)	Lysophosphatidylcholine	LPC Ester
AL	IGF-1	id_170	0.002	-0.011	0.013	0.846	-0.117	-0.217	-0.016	0.024	-0.115	-0.217	-0.015	0.022	-0.014	-0.204	0.185	0.864	LPC(22:6)	Lysophosphatidylcholine	LPC Ester
AL	IGF-1	id_181	-0.001	-0.012	0.017	0.982	-0.114	-0.224	-0.019	0.026	-0.115	-0.223	-0.017	0.026	0.012	-0.222	0.139	0.964	LPE(20:4)	Lysophosphatidylethanolamine	LPE Ester
AL	IGF-1	id_186	0.000	-0.014	0.010	0.888	-0.115	-0.219	-0.012	0.030	-0.115	-0.216	-0.009	0.024	-0.001	-0.118	0.203	0.876	0)	MAG	Ester
AL	IGF-1	id_188	-0.009	-0.036	0.008	0.384	-0.106	-0.211	0.002	0.054	-0.115	-0.220	-0.009	0.036	0.080	-0.187	0.662	0.400	1)	MAG	Ester

AL	IGF-1	id_189	0.002	-0.010	0.019	0.758	-0.116	-0.221	-0.008	0.032	-0.115	-0.221	-0.006	0.032	-0.013	-0.294	0.153	0.742	0)	MAG	Ester
AL	IGF-1	id_195	0.000	-0.012	0.007	0.874	-0.115	-0.221	-0.006	0.036	-0.115	-0.222	-0.010	0.030	0.000	-0.108	0.162	0.888	2)	MAG	Ester
AL	IGF-1	id_203	-0.005	-0.032	0.008	0.520	-0.110	-0.205	-0.009	0.034	-0.115	-0.212	-0.015	0.020	0.047	-0.130	0.482	0.516	5)	MAG	Ester
AL	IGF-1	id_204	0.001	-0.021	0.023	0.994	-0.116	-0.225	-0.006	0.032	-0.115	-0.222	-0.006	0.034	-0.005	-0.519	0.292	0.984	0)	MAG	Ester
AL	IGF-1	id_205	0.002	-0.020	0.016	0.954	-0.116	-0.221	-0.009	0.032	-0.115	-0.224	-0.011	0.028	-0.013	-0.316	0.349	0.950	1)	MAG	Ester
AL	IGF-1	id_208	-0.004	-0.028	0.019	0.760	-0.111	-0.210	-0.004	0.044	-0.115	-0.218	-0.011	0.034	0.033	-0.370	0.427	0.754	5)	MAG	Ester
AL	IGF-1	id_209	-0.001	-0.019	0.012	0.846	-0.114	-0.219	-0.016	0.028	-0.115	-0.222	-0.013	0.026	0.010	-0.211	0.245	0.852	6)	MAG	Ester
AL	IGF-1	id_228	-0.002	-0.018	0.011	0.726	-0.113	-0.209	-0.006	0.036	-0.115	-0.212	-0.007	0.030	0.018	-0.197	0.383	0.732	PC(15:0/18:2)	Phosphatidyl choline	PC Ester
AL	IGF-1	id_230	0.000	-0.015	0.017	0.992	-0.115	-0.221	-0.008	0.032	-0.115	-0.216	-0.010	0.028	-0.002	-0.185	0.223	1.000	PC(15:0/20:4)	Phosphatidyl choline	PC Ester
AL	IGF-1	id_241	0.003	-0.019	0.021	0.766	-0.118	-0.217	-0.011	0.022	-0.115	-0.215	-0.009	0.030	-0.022	-0.375	0.276	0.784	PC(16:0/18:2)	Phosphatidyl choline	PC Ester
AL	IGF-1	id_254	0.000	-0.013	0.010	0.960	-0.115	-0.215	-0.021	0.024	-0.115	-0.211	-0.021	0.020	0.000	-0.129	0.160	0.972	PC(17:0/18:2)	Phosphatidyl choline	PC Ester
AL	IGF-1	id_257	0.000	-0.008	0.019	0.800	-0.115	-0.219	-0.013	0.022	-0.115	-0.215	-0.011	0.026	-0.003	-0.269	0.126	0.814	PC(17:0/20:4)	Phosphatidyl choline	PC Ester
AL	IGF-1	id_272	0.000	-0.012	0.011	0.972	-0.115	-0.214	-0.015	0.024	-0.115	-0.216	-0.011	0.024	-0.002	-0.145	0.164	0.968	PC(18:0/20:4)	Phosphatidyl choline	PC Ester
AL	IGF-1	id_279	0.000	-0.018	0.009	0.798	-0.115	-0.227	-0.012	0.030	-0.115	-0.227	-0.013	0.026	0.000	-0.118	0.268	0.800	PC(18:1/18:2)	Phosphatidyl choline	PC Ester
AL	IGF-1	id_283	0.001	-0.020	0.019	0.980	-0.116	-0.217	-0.002	0.044	-0.115	-0.214	-0.004	0.044	-0.010	-0.245	0.303	0.972	PC(18:1/20:3)	Phosphatidyl choline	PC Ester
AL	IGF-1	id_284	0.000	-0.014	0.009	0.916	-0.115	-0.221	-0.008	0.044	-0.115	-0.219	-0.008	0.040	0.000	-0.155	0.176	0.924	PC(18:1/20:4)	Phosphatidyl choline	PC Ester
AL	IGF-1	id_289	0.001	-0.011	0.018	0.850	-0.116	-0.222	-0.008	0.042	-0.115	-0.218	-0.011	0.040	-0.013	-0.229	0.151	0.842	PC(18:2/16:1)	Phosphatidyl choline	PC Ester
AL	IGF-1	id_354	0.006	-0.007	0.034	0.368	-0.121	-0.230	-0.011	0.034	-0.115	-0.216	-0.002	0.048	-0.056	-0.674	0.105	0.396	PE(18:1/22:0)	Phosphatidyl ethanolamine	PE Ester
AL	IGF-1	id_386	0.000	-0.011	0.011	0.984	-0.115	-0.214	-0.008	0.036	-0.115	-0.213	-0.012	0.036	-0.003	-0.152	0.171	0.988	PE(P-16:0/18:1)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	IGF-1	id_398	-0.001	-0.020	0.009	0.856	-0.114	-0.225	-0.007	0.030	-0.115	-0.222	-0.011	0.032	0.005	-0.117	0.271	0.844	PE(P-18:0/16:0)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	IGF-1	id_405	-0.001	-0.017	0.011	0.806	-0.114	-0.220	-0.011	0.036	-0.115	-0.220	-0.011	0.030	0.012	-0.186	0.244	0.812	PE(P-18:0/20:3)	Phosphatidyl ethanolamine	PE Plasmalogen

AL	IGF-1	id_414	0.000	-0.012	0.015	0.982	-0.115	-0.225	-0.008	0.034	-0.115	-0.223	-0.008	0.036	-0.003	-0.215	0.158	0.982	PE(P-18:1/18:1) Phosphatidylethanolamine	Plasmalogen
AL	IGF-1	id_448	0.000	-0.014	0.016	0.986	-0.115	-0.216	-0.009	0.034	-0.115	-0.216	-0.010	0.030	0.002	-0.200	0.181	0.984	SM(14:0) Sphingolipids	Sphingomyelin
AL	IGF-1	id_449	-0.004	-0.032	0.017	0.738	-0.111	-0.213	-0.006	0.036	-0.115	-0.217	-0.006	0.030	0.031	-0.377	0.402	0.744	SM(16:0) Sphingolipids	Sphingomyelin
AL	IGF-1	id_450	-0.005	-0.035	0.019	0.660	-0.110	-0.205	-0.012	0.026	-0.115	-0.211	-0.014	0.026	0.044	-0.340	0.538	0.650	SM(18:0) Sphingolipids	Sphingomyelin
AL	IGF-1	id_451	-0.005	-0.037	0.020	0.728	-0.110	-0.216	-0.003	0.046	-0.115	-0.221	-0.011	0.028	0.045	-0.381	0.695	0.728	SM(18:1) Sphingolipids	Sphingomyelin
AL	IGF-1	id_452	0.000	-0.016	0.012	0.976	-0.115	-0.214	-0.013	0.024	-0.115	-0.213	-0.015	0.018	0.001	-0.155	0.248	0.978	SM(20:0) Sphingolipids	Sphingomyelin
AL	IGF-1	id_453	-0.001	-0.029	0.024	0.986	-0.114	-0.211	-0.011	0.030	-0.115	-0.214	-0.009	0.030	0.008	-0.434	0.420	0.972	SM(20:1) Sphingolipids	Sphingomyelin
AL	IGF-1	id_454	0.000	-0.011	0.012	0.996	-0.115	-0.216	-0.011	0.040	-0.115	-0.215	-0.013	0.038	-0.002	-0.169	0.145	0.994	SM(22:0) Sphingolipids	Sphingomyelin
AL	IGF-1	id_455	-0.002	-0.022	0.011	0.762	-0.113	-0.219	-0.008	0.040	-0.115	-0.221	-0.011	0.036	0.017	-0.150	0.245	0.782	SM(22:1) Sphingolipids	Sphingomyelin
AL	IGF-1	id_456	0.006	-0.016	0.028	0.612	-0.121	-0.227	-0.016	0.022	-0.115	-0.226	-0.009	0.030	-0.051	-0.630	0.193	0.634	SM(24:0) Sphingolipids	Sphingomyelin
AL	IGF-1	id_457	0.004	-0.023	0.031	0.730	-0.119	-0.219	-0.007	0.034	-0.115	-0.218	-0.004	0.038	-0.033	-0.591	0.434	0.756	SM(24:1) Sphingolipids	Sphingomyelin
AL	IGF-1	id_458	0.003	-0.010	0.026	0.686	-0.118	-0.221	-0.016	0.020	-0.115	-0.219	-0.010	0.030	-0.029	-0.471	0.178	0.696	SM(26:0) Sphingolipids	Sphingomyelin
AL	IGF-1	id_459	0.003	-0.020	0.027	0.734	-0.118	-0.224	-0.019	0.022	-0.115	-0.218	-0.016	0.022	-0.026	-0.462	0.302	0.748	SM(26:1) Sphingolipids	Sphingomyelin
AL	IGF-1	id_660	0.000	-0.011	0.010	0.984	-0.115	-0.220	-0.003	0.040	-0.115	-0.218	-0.007	0.036	-0.002	-0.134	0.172	0.972	TAG51:3-FA16:0 Triacylglycerol	TAG Ester
AL	IGF-1	id_663	-0.001	-0.013	0.013	0.970	-0.114	-0.223	-0.008	0.030	-0.115	-0.224	-0.011	0.028	0.007	-0.158	0.177	0.986	TAG51:3-FA18:1 Triacylglycerol	TAG Ester
AL	IGF-1	id_667	0.000	-0.011	0.011	0.972	-0.115	-0.218	-0.012	0.030	-0.115	-0.218	-0.014	0.022	0.000	-0.164	0.157	0.970	TAG51:4-FA16:0 Triacylglycerol	TAG Ester
AL	IGF-1	id_755	-0.003	-0.038	0.021	0.758	-0.112	-0.214	0.003	0.058	-0.115	-0.223	-0.006	0.042	0.027	-0.355	0.555	0.760	TAG53:3-FA18:0 Triacylglycerol	TAG Ester
AL	IGF-1	id_760	0.000	-0.014	0.008	0.808	-0.115	-0.213	-0.012	0.028	-0.115	-0.214	-0.014	0.026	0.002	-0.130	0.169	0.810	TAG53:4-FA18:0 Triacylglycerol	TAG Ester
AL	IGF-1	id_761	0.000	-0.009	0.013	0.942	-0.115	-0.216	-0.013	0.028	-0.115	-0.216	-0.013	0.030	0.001	-0.175	0.119	0.944	TAG53:4-FA18:1 Triacylglycerol	TAG Ester
AL	IGF-1	id_765	0.000	-0.017	0.011	0.824	-0.115	-0.230	-0.010	0.030	-0.115	-0.230	-0.013	0.026	-0.001	-0.125	0.207	0.834	TAG53:5-FA18:1 Triacylglycerol	TAG Ester

AL	IGF-1	id_766	0.000	-0.015	0.014	0.938	-0.115	-0.218	-0.005	0.046	-0.115	-0.220	-0.005	0.040	0.001	-0.167	0.213	0.938	TAG53:5- Triacylglycer FA18:2 ol TAG Ester		
AL	IGF-1	id_769	0.000	-0.017	0.012	0.880	-0.115	-0.225	-0.007	0.028	-0.115	-0.228	-0.007	0.036	-0.001	-0.169	0.304	0.876	TAG53:6- Triacylglycer FA18:1 ol TAG Ester		
AL	IGF-1	id_770	-0.001	-0.017	0.010	0.824	-0.114	-0.206	-0.003	0.042	-0.115	-0.207	-0.007	0.038	0.005	-0.139	0.282	0.818	TAG53:6- Triacylglycer FA18:2 ol TAG Ester		
AL	IGF-1	id_771	0.000	-0.014	0.009	0.826	-0.115	-0.226	0.002	0.056	-0.115	-0.224	0.000	0.052	0.001	-0.113	0.222	0.826	TAG53:6- Triacylglycer FA18:3 ol TAG Ester		
AL	IGF-1	id_773	-0.001	-0.020	0.010	0.856	-0.114	-0.218	-0.006	0.046	-0.115	-0.218	-0.006	0.048	0.009	-0.182	0.270	0.868	TAG53:7- Triacylglycer FA18:3 ol TAG Ester		
AL	IGF-1	id_856	0.000	-0.010	0.015	0.932	-0.115	-0.220	-0.012	0.040	-0.115	-0.220	-0.010	0.040	0.001	-0.204	0.126	0.928	TAG55:6- Triacylglycer FA18:1 ol TAG Ester		
AL	IGF-1	id_857	-0.001	-0.024	0.007	0.740	-0.114	-0.214	-0.008	0.034	-0.115	-0.214	-0.012	0.032	0.009	-0.116	0.329	0.744	TAG55:6- Triacylglycer FA20:3 ol TAG Ester		
AL	IGF-1	id_860	0.000	-0.012	0.016	0.816	-0.115	-0.221	-0.009	0.036	-0.115	-0.220	-0.007	0.032	-0.004	-0.258	0.186	0.828	TAG55:7- Triacylglycer FA18:1 ol TAG Ester		
AL	IGF-1	id_861	0.003	-0.012	0.018	0.770	-0.118	-0.220	-0.006	0.046	-0.115	-0.220	0.000	0.050	-0.023	-0.348	0.156	0.764	TAG55:7- Triacylglycer FA20:3 ol TAG Ester		
AL	IGF-1	id_862	0.001	-0.012	0.011	0.984	-0.116	-0.226	-0.009	0.026	-0.115	-0.226	-0.011	0.024	-0.007	-0.176	0.152	0.992	TAG55:7- Triacylglycer FA20:4 ol TAG Ester		
AL	IGF-1	id_864	0.000	-0.014	0.012	0.984	-0.115	-0.221	-0.011	0.032	-0.115	-0.222	-0.010	0.032	0.002	-0.174	0.177	0.972	TAG55:8- Triacylglycer FA20:4 ol TAG Ester		
AL	IGF-1	id_939	-0.001	-0.019	0.008	0.786	-0.114	-0.222	-0.005	0.040	-0.115	-0.225	-0.011	0.042	0.006	-0.092	0.254	0.792	TAG57:9- Triacylglycer FA22:6 ol TAG Ester		
AL	IGF-1	id_978	0.004	-0.016	0.022	0.644	-0.119	-0.219	-0.016	0.038	-0.115	-0.216	-0.014	0.030	-0.035	-0.339	0.198	0.650	Neutral Complex Cholesteryl Total CE Lipids SUM Esters		
AL	IGF-1	id_979	0.000	-0.013	0.009	0.926	-0.115	-0.217	-0.004	0.044	-0.115	-0.217	-0.008	0.042	-0.001	-0.165	0.163	0.936	Total Sphingolipid CER SUM Ceramides		
AL	IGF-1	id_981	0.001	-0.013	0.013	0.932	-0.116	-0.220	-0.009	0.040	-0.115	-0.219	-0.009	0.042	-0.007	-0.168	0.177	0.946	Total Sphingolipid DCER SUM Dihydrocera mides		
AL	IGF-1	id_982	0.009	-0.010	0.038	0.358	-0.124	-0.225	-0.018	0.026	-0.115	-0.214	-0.007	0.038	-0.082	-0.660	0.161	0.396	Total Sphingolipid HCER SUM Hexosylcera mides		
AL	IGF-1	id_983	0.001	-0.029	0.031	0.952	-0.116	-0.217	-0.012	0.030	-0.115	-0.216	-0.008	0.036	-0.005	-0.537	0.495	0.980	Total Sphingolipid LCER SUM Lactosylcera mides		
AL	IGF-1	id_987	0.004	-0.014	0.023	0.606	-0.119	-0.226	-0.010	0.022	-0.115	-0.224	-0.009	0.030	-0.039	-0.459	0.166	0.616	Phospholipid Phosphatidyl Total PC SUM cholines		
AL	IGF-1	id_990	-0.002	-0.027	0.019	0.850	-0.113	-0.227	-0.020	0.024	-0.115	-0.231	-0.019	0.022	0.016	-0.311	0.289	0.852	Sphingolipid Sphingomyel Total SM SUM ins		
AL	IGF-1	id_039	0.000	-0.009	0.009	0.916	-0.115	-0.214	-0.017	0.016	-0.115	-0.212	-0.021	0.014	0.004	-0.102	0.167	0.930	Cholesterol CE(22:1) Ester CE Ester		

AL	IGF-1	id_060	-0.002	-0.016	0.017	0.902	-0.113	-0.214	-0.018	0.022	-0.115	-0.215	-0.016	0.022	0.019	-0.309	0.193	0.904	DAG(12:0/18:1)	Diacylglycerol	DAG Ester
AL	IGF-1	id_071	-0.001	-0.012	0.014	0.960	-0.114	-0.223	-0.011	0.040	-0.115	-0.218	-0.014	0.034	0.006	-0.201	0.187	0.950	DAG(14:1/16:0)	Diacylglycerol	DAG Ester
AL	IGF-1	id_072	0.000	-0.012	0.016	0.890	-0.115	-0.227	-0.005	0.046	-0.115	-0.226	-0.004	0.046	-0.004	-0.192	0.124	0.896	DAG(14:1/18:1)	Diacylglycerol	DAG Ester
AL	IGF-1	id_150	0.005	-0.027	0.037	0.778	-0.120	-0.224	-0.018	0.028	-0.115	-0.223	-0.004	0.048	-0.045	-0.680	0.415	0.810	LCER(24:1)	Sphingolipids	Lactosylceramide
AL	IGF-1	id_151	-0.007	-0.029	0.008	0.420	-0.108	-0.212	-0.006	0.042	-0.115	-0.218	-0.012	0.032	0.057	-0.106	0.366	0.436	LCER(26:0)	Sphingolipids	Lactosylceramide
AL	IGF-1	id_160	0.001	-0.023	0.021	0.944	-0.116	-0.214	-0.008	0.038	-0.115	-0.214	-0.011	0.036	-0.005	-0.298	0.288	0.960	LPC(18:2)	Lysophosphatidylcholine	LPC Ester
AL	IGF-1	id_196	0.001	-0.011	0.015	0.914	-0.116	-0.221	-0.013	0.030	-0.115	-0.220	-0.010	0.032	-0.008	-0.209	0.165	0.918	3)	MAG	Ester
AL	IGF-1	id_199	0.010	-0.010	0.033	0.322	-0.125	-0.217	-0.019	0.018	-0.115	-0.207	-0.012	0.030	-0.090	-0.693	0.180	0.344	1)	MAG	Ester
AL	IGF-1	id_200	0.004	-0.013	0.025	0.722	-0.119	-0.218	-0.016	0.030	-0.115	-0.219	-0.010	0.036	-0.033	-0.589	0.158	0.750	2)	MAG	Ester
AL	IGF-1	id_201	-0.001	-0.019	0.013	0.808	-0.114	-0.210	-0.008	0.030	-0.115	-0.213	-0.012	0.026	0.012	-0.200	0.323	0.806	3)	MAG	Ester
AL	IGF-1	id_251	0.002	-0.013	0.024	0.754	-0.117	-0.221	-0.013	0.028	-0.115	-0.219	-0.009	0.034	-0.019	-0.447	0.195	0.764	PC(16:0/22:6)	Phosphatidylcholine	PC Ester
AL	IGF-1	id_288	0.002	-0.011	0.020	0.754	-0.117	-0.228	-0.015	0.030	-0.115	-0.229	-0.015	0.034	-0.015	-0.275	0.162	0.776	PC(18:1/22:6)	Phosphatidylcholine	PC Ester
AL	IGF-1	id_293	0.006	-0.009	0.025	0.446	-0.121	-0.228	-0.012	0.032	-0.115	-0.224	-0.012	0.036	-0.048	-0.307	0.126	0.466	PC(18:2/20:2)	Phosphatidylcholine	PC Ester
AL	IGF-1	id_298	-0.004	-0.023	0.009	0.608	-0.111	-0.226	-0.004	0.046	-0.115	-0.225	-0.006	0.034	0.037	-0.143	0.409	0.622	PC(18:2/22:5)	Phosphatidylcholine	PC Ester
AL	IGF-1	id_332	-0.004	-0.023	0.011	0.648	-0.111	-0.217	-0.006	0.038	-0.115	-0.219	-0.013	0.032	0.033	-0.127	0.292	0.652	PE(18:0/18:0)	Phosphatidylethanolamine	PE Ester
AL	IGF-1	id_359	0.004	-0.012	0.024	0.680	-0.119	-0.218	-0.008	0.030	-0.115	-0.215	-0.008	0.036	-0.033	-0.296	0.229	0.700	PE(18:2/16:1)	Phosphatidylethanolamine	PE Ester
AL	IGF-1	id_366	0.000	-0.019	0.013	0.914	-0.115	-0.214	-0.009	0.032	-0.115	-0.214	-0.011	0.032	0.003	-0.168	0.241	0.918	PE(O-16:0/18:2)	Phosphatidylethanolamine	PE Ether
AL	IGF-1	id_368	0.001	-0.011	0.014	0.998	-0.116	-0.216	-0.008	0.032	-0.115	-0.215	-0.008	0.028	-0.005	-0.221	0.168	0.994	PE(O-16:0/20:4)	Phosphatidylethanolamine	PE Ether
AL	IGF-1	id_372	0.000	-0.015	0.009	0.914	-0.115	-0.218	-0.015	0.024	-0.115	-0.219	-0.016	0.020	0.003	-0.131	0.183	0.914	PE(O-16:0/22:6)	Phosphatidylethanolamine	PE Ether

AL	IGF-1	id_378	0.000	-0.016	0.012	0.956	-0.115	-0.224	-0.008	0.034	-0.115	-0.224	-0.009	0.028	0.002	-0.162	0.243	0.956	PE(O-18:0/20:4)	Phosphatidylethanolamine	PE Ether
AL	IGF-1	id_381	0.002	-0.020	0.030	0.854	-0.117	-0.221	-0.014	0.026	-0.115	-0.218	-0.012	0.034	-0.020	-0.525	0.230	0.880	PE(O-18:0/22:5)	Phosphatidylethanolamine	PE Ether
AL	IGF-1	id_382	-0.002	-0.020	0.009	0.732	-0.113	-0.219	-0.009	0.036	-0.115	-0.223	-0.008	0.036	0.015	-0.134	0.226	0.720	PE(O-18:0/22:6)	Phosphatidylethanolamine	PE Ether
AL	IGF-1	id_387	0.000	-0.017	0.012	0.926	-0.115	-0.203	-0.013	0.028	-0.115	-0.203	-0.007	0.028	0.003	-0.184	0.228	0.918	PE(P-16:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen
AL	IGF-1	id_392	0.000	-0.010	0.010	0.984	-0.115	-0.217	-0.003	0.046	-0.115	-0.217	-0.005	0.046	-0.002	-0.168	0.158	0.994	PE(P-16:0/20:4)	Phosphatidylethanolamine	PE Plasmalogen
AL	IGF-1	id_395	0.002	-0.011	0.018	0.850	-0.117	-0.220	-0.002	0.046	-0.115	-0.219	-0.002	0.050	-0.014	-0.321	0.181	0.876	PE(P-16:0/22:5)	Phosphatidylethanolamine	PE Plasmalogen
AL	IGF-1	id_396	-0.004	-0.022	0.010	0.568	-0.111	-0.211	-0.011	0.036	-0.115	-0.216	-0.012	0.030	0.035	-0.148	0.287	0.582	PE(P-16:0/22:6)	Phosphatidylethanolamine	PE Plasmalogen
AL	IGF-1	id_401	0.000	-0.012	0.013	1.000	-0.115	-0.212	-0.005	0.034	-0.115	-0.211	-0.005	0.036	0.001	-0.156	0.211	0.992	PE(P-18:0/18:1)	Phosphatidylethanolamine	PE Plasmalogen
AL	IGF-1	id_402	-0.001	-0.019	0.010	0.776	-0.114	-0.218	-0.011	0.024	-0.115	-0.218	-0.013	0.028	0.010	-0.151	0.254	0.784	PE(P-18:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen
AL	IGF-1	id_406	0.000	-0.012	0.011	0.904	-0.115	-0.211	-0.007	0.038	-0.115	-0.210	-0.006	0.030	0.001	-0.154	0.165	0.910	PE(P-18:0/20:4)	Phosphatidylethanolamine	PE Plasmalogen
AL	IGF-1	id_409	0.000	-0.014	0.015	0.978	-0.115	-0.215	-0.014	0.024	-0.115	-0.216	-0.015	0.026	0.002	-0.207	0.197	0.980	PE(P-18:0/22:5)	Phosphatidylethanolamine	PE Plasmalogen
AL	IGF-1	id_410	-0.005	-0.024	0.010	0.546	-0.110	-0.211	-0.009	0.030	-0.115	-0.215	-0.013	0.028	0.041	-0.108	0.323	0.550	PE(P-18:0/22:6)	Phosphatidylethanolamine	PE Plasmalogen
AL	IGF-1	id_411	0.000	-0.013	0.010	0.974	-0.115	-0.221	-0.013	0.020	-0.115	-0.221	-0.012	0.020	0.001	-0.152	0.166	0.978	PE(P-18:1/16:0)	Phosphatidylethanolamine	PE Plasmalogen

AL	IGF-1	id_415	-0.001	-0.020	0.010	0.768	-0.114	-0.219	-0.001	0.048	-0.115	-0.222	-0.001	0.042	0.012	-0.156	0.243	0.770	PE(P-18:1/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	IGF-1	id_419	0.000	-0.014	0.011	0.890	-0.115	-0.213	-0.006	0.040	-0.115	-0.213	-0.008	0.036	0.000	-0.141	0.189	0.902	PE(P-18:1/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	IGF-1	id_421	0.002	-0.014	0.016	0.886	-0.117	-0.224	-0.005	0.038	-0.115	-0.223	-0.007	0.038	-0.021	-0.237	0.198	0.888	PE(P-18:1/22:4)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	IGF-1	id_422	0.003	-0.010	0.025	0.636	-0.118	-0.222	-0.015	0.026	-0.115	-0.219	-0.010	0.036	-0.029	-0.392	0.138	0.652	PE(P-18:1/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	IGF-1	id_423	-0.002	-0.017	0.013	0.812	-0.113	-0.221	0.001	0.052	-0.115	-0.222	-0.003	0.044	0.015	-0.175	0.229	0.812	PE(P-18:1/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	IGF-1	id_424	-0.005	-0.033	0.011	0.572	-0.110	-0.217	-0.008	0.032	-0.115	-0.221	-0.011	0.018	0.042	-0.197	0.422	0.582	PE(P-18:2/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	IGF-1	id_425	0.000	-0.012	0.012	0.994	-0.115	-0.211	-0.009	0.034	-0.115	-0.208	-0.010	0.032	-0.001	-0.183	0.163	0.998	PE(P-18:2/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	IL8	id_060	0.037	0.012	0.116	0.014	0.157	-0.186	0.487	0.390	0.195	-0.128	0.542	0.256	0.192	-2.276	2.369	0.258	DAG(12:0/18:1)	Diacylglycerol	DAG Ester
CR	IL8	id_060	0.037	0.012	0.116	0.014	0.157	-0.186	0.487	0.390	0.195	-0.128	0.542	0.256	0.192	-2.276	2.369	0.258	DAG(12:0/18:1)	Diacylglycerol	DAG Ester
CR	IL8	id_049	0.046	0.009	0.168	0.024	0.149	-0.179	0.475	0.444	0.195	-0.127	0.547	0.242	0.236	-2.099	3.438	0.258	CER(18:1)	Sphingolipids	Ceramide
CR	IL8	id_116	0.050	0.005	0.109	0.024	0.145	-0.164	0.480	0.372	0.195	-0.110	0.549	0.222	0.257	-1.890	2.222	0.246	DCER(14:0)	Sphingolipids	Dihydroceramide
CR	IL8	id_049	0.046	0.009	0.168	0.024	0.149	-0.179	0.475	0.444	0.195	-0.127	0.547	0.242	0.236	-2.099	3.438	0.258	CER(18:1)	Sphingolipids	Ceramide
CR	IL8	id_116	0.050	0.005	0.109	0.024	0.145	-0.164	0.480	0.372	0.195	-0.110	0.549	0.222	0.257	-1.890	2.222	0.246	DCER(14:0)	Sphingolipids	Dihydroceramide
CR	IL8	id_122	0.045	0.006	0.195	0.034	0.150	-0.161	0.469	0.388	0.195	-0.112	0.536	0.206	0.230	-1.397	2.361	0.232	DCER(22:0)	Sphingolipids	Dihydroceramide
CR	IL8	id_860	0.026	0.005	0.135	0.034	0.168	-0.161	0.448	0.360	0.195	-0.117	0.500	0.226	0.136	-1.673	2.202	0.248	TAG55:7-FA18:1	Triacylglycerol	TAG Ester
CR	IL8	id_122	0.045	0.006	0.195	0.034	0.150	-0.161	0.469	0.388	0.195	-0.112	0.536	0.206	0.230	-1.397	2.361	0.232	DCER(22:0)	Sphingolipids	Dihydroceramide
CR	IL8	id_860	0.026	0.005	0.135	0.034	0.168	-0.161	0.448	0.360	0.195	-0.117	0.500	0.226	0.136	-1.673	2.202	0.248	TAG55:7-FA18:1	Triacylglycerol	TAG Ester

CR	IL8	id_050	0.053	0.003	0.222	0.038	0.142	-0.175	0.467	0.402	0.195	-0.118	0.548	0.226	0.270	-2.088	2.679	0.248	CER(20:0 Sphingolipids	Ceramide
CR	IL8	id_050	0.053	0.003	0.222	0.038	0.142	-0.175	0.467	0.402	0.195	-0.118	0.548	0.226	0.270	-2.088	2.679	0.248	CER(20:0 Sphingolipids	Ceramide
CR	IL8	id_981	0.033	0.002	0.172	0.042	0.162	-0.153	0.501	0.336	0.195	-0.113	0.563	0.196	0.167	-1.332	2.029	0.206	Total DCER SUM	Dihydroceramides
CR	IL8	id_981	0.033	0.002	0.172	0.042	0.162	-0.153	0.501	0.336	0.195	-0.113	0.563	0.196	0.167	-1.332	2.029	0.206	Total DCER SUM	Dihydroceramides
CR	IL8	id_023	0.041	0.001	0.159	0.046	0.153	-0.155	0.479	0.370	0.195	-0.114	0.536	0.234	0.212	-1.413	2.642	0.244	Cholesterol CE(15:0) Ester	CE Ester
CR	IL8	id_051	0.036	0.001	0.111	0.046	0.158	-0.154	0.474	0.352	0.195	-0.114	0.522	0.232	0.186	-2.572	1.914	0.266	CER(20:1 Sphingolipids	Ceramide
CR	IL8	id_023	0.041	0.001	0.159	0.046	0.153	-0.155	0.479	0.370	0.195	-0.114	0.536	0.234	0.212	-1.413	2.642	0.244	Cholesterol CE(15:0) Ester	CE Ester
CR	IL8	id_051	0.036	0.001	0.111	0.046	0.158	-0.154	0.474	0.352	0.195	-0.114	0.522	0.232	0.186	-2.572	1.914	0.266	CER(20:1 Sphingolipids	Ceramide
CR	IL8	id_071	0.040	0.000	0.101	0.052	0.155	-0.162	0.513	0.342	0.195	-0.121	0.572	0.220	0.204	-1.813	2.362	0.268	DAG(14:1/16:0) Diacylglycerol	DAG Ester
CR	IL8	id_071	0.040	0.000	0.101	0.052	0.155	-0.162	0.513	0.342	0.195	-0.121	0.572	0.220	0.204	-1.813	2.362	0.268	DAG(14:1/16:0) Diacylglycerol	DAG Ester
CR	IL8	id_663	0.038	-0.002	0.174	0.056	0.157	-0.187	0.500	0.358	0.195	-0.128	0.544	0.216	0.194	-2.543	2.519	0.264	TAG51:3-FA18:1 Triacylglycerol	TAG Ester
CR	IL8	id_663	0.038	-0.002	0.174	0.056	0.157	-0.187	0.500	0.358	0.195	-0.128	0.544	0.216	0.194	-2.543	2.519	0.264	TAG51:3-FA18:1 Triacylglycerol	TAG Ester
CR	IL8	id_053	0.049	-0.002	0.218	0.058	0.146	-0.177	0.442	0.454	0.195	-0.093	0.536	0.234	0.250	-3.111	3.650	0.284	CER(22:1 Sphingolipids	Ceramide
CR	IL8	id_053	0.049	-0.002	0.218	0.058	0.146	-0.177	0.442	0.454	0.195	-0.093	0.536	0.234	0.250	-3.111	3.650	0.284	CER(22:1 Sphingolipids	Ceramide
CR	IL8	id_048	0.052	-0.007	0.174	0.074	0.143	-0.184	0.451	0.390	0.195	-0.125	0.533	0.230	0.267	-2.784	2.559	0.288	CER(18:0 Sphingolipids	Ceramide
CR	IL8	id_979	0.040	-0.008	0.169	0.074	0.155	-0.145	0.447	0.394	0.195	-0.102	0.501	0.220	0.205	-1.544	2.878	0.270	Total CER SUM	Ceramides
CR	IL8	id_048	0.052	-0.007	0.174	0.074	0.143	-0.184	0.451	0.390	0.195	-0.125	0.533	0.230	0.267	-2.784	2.559	0.288	CER(18:0 Sphingolipids	Ceramide
CR	IL8	id_979	0.040	-0.008	0.169	0.074	0.155	-0.145	0.447	0.394	0.195	-0.102	0.501	0.220	0.205	-1.544	2.878	0.270	Total CER SUM	Ceramides
CR	IL8	id_052	0.041	-0.014	0.183	0.080	0.153	-0.155	0.462	0.374	0.195	-0.112	0.532	0.228	0.212	-1.880	2.852	0.260	CER(22:0 Sphingolipids	Ceramide
CR	IL8	id_052	0.041	-0.014	0.183	0.080	0.153	-0.155	0.462	0.374	0.195	-0.112	0.532	0.228	0.212	-1.880	2.852	0.260	CER(22:0 Sphingolipids	Ceramide

CR	IL8	id_453	0.057	-0.007	0.258	0.082	0.138	-0.215	0.445	0.458	0.195	-0.147	0.531	0.238	0.293	-1.960	3.466	0.304	SM(20:1)	Sphingolipid s	Sphingomyelin
CR	IL8	id_453	0.057	-0.007	0.258	0.082	0.138	-0.215	0.445	0.458	0.195	-0.147	0.531	0.238	0.293	-1.960	3.466	0.304	SM(20:1)	Sphingolipid s	Sphingomyelin
CR	IL8	id_125	0.034	-0.010	0.145	0.088	0.160	-0.147	0.475	0.320	0.195	-0.084	0.528	0.218	0.177	-2.114	1.506	0.298	DCER(24 :0)	Sphingolipid s	Dihydroceramide
CR	IL8	id_450	0.046	-0.010	0.212	0.088	0.148	-0.143	0.437	0.384	0.195	-0.086	0.491	0.238	0.238	-2.824	2.285	0.298	SM(18:0)	Sphingolipid s	Sphingomyelin
CR	IL8	id_125	0.034	-0.010	0.145	0.088	0.160	-0.147	0.475	0.320	0.195	-0.084	0.528	0.218	0.177	-2.114	1.506	0.298	DCER(24 :0)	Sphingolipid s	Dihydroceramide
CR	IL8	id_450	0.046	-0.010	0.212	0.088	0.148	-0.143	0.437	0.384	0.195	-0.086	0.491	0.238	0.238	-2.824	2.285	0.298	SM(18:0)	Sphingolipid s	Sphingomyelin
CR	IL8	id_129	0.027	-0.004	0.083	0.090	0.167	-0.129	0.503	0.318	0.195	-0.099	0.547	0.230	0.140	-1.309	1.640	0.284	HCER(14 :0)	Sphingolipid s	Hexosylceramide
CR	IL8	id_129	0.027	-0.004	0.083	0.090	0.167	-0.129	0.503	0.318	0.195	-0.099	0.547	0.230	0.140	-1.309	1.640	0.284	HCER(14 :0)	Sphingolipid s	Hexosylceramide
CR	IL8	id_126	0.022	-0.006	0.112	0.096	0.172	-0.126	0.494	0.284	0.195	-0.105	0.535	0.222	0.115	-1.062	1.377	0.262	DCER(24 :1)	Sphingolipid s	Dihydroceramide
CR	IL8	id_126	0.022	-0.006	0.112	0.096	0.172	-0.126	0.494	0.284	0.195	-0.105	0.535	0.222	0.115	-1.062	1.377	0.262	DCER(24 :1)	Sphingolipid s	Dihydroceramide
CR	IL8	id_196	0.030	-0.005	0.099	0.100	0.165	-0.160	0.480	0.346	0.195	-0.133	0.518	0.250	0.154	-1.176	1.586	0.310	3)	MAG	Ester
CR	IL8	id_196	0.030	-0.005	0.099	0.100	0.165	-0.160	0.480	0.346	0.195	-0.133	0.518	0.250	0.154	-1.176	1.586	0.310	3)	MAG	Ester
CR	IL8	id_200	0.035	-0.009	0.081	0.102	0.160	-0.155	0.477	0.304	0.195	-0.128	0.523	0.220	0.178	-1.151	1.787	0.282	2)	MAG	Ester
CR	IL8	id_200	0.035	-0.009	0.081	0.102	0.160	-0.155	0.477	0.304	0.195	-0.128	0.523	0.220	0.178	-1.151	1.787	0.282	2)	MAG	Ester
CR	IL8	id_448	0.039	-0.012	0.164	0.106	0.156	-0.151	0.445	0.416	0.195	-0.121	0.501	0.270	0.201	-1.860	2.832	0.332	SM(14:0)	Sphingolipid s	Sphingomyelin
CR	IL8	id_660	0.028	-0.028	0.182	0.106	0.167	-0.162	0.468	0.386	0.195	-0.117	0.541	0.226	0.143	-2.068	2.969	0.296	FA16:0	Triacylglycerol	TAG Ester
CR	IL8	id_448	0.039	-0.012	0.164	0.106	0.156	-0.151	0.445	0.416	0.195	-0.121	0.501	0.270	0.201	-1.860	2.832	0.332	SM(14:0)	Sphingolipid s	Sphingomyelin
CR	IL8	id_660	0.028	-0.028	0.182	0.106	0.167	-0.162	0.468	0.386	0.195	-0.117	0.541	0.226	0.143	-2.068	2.969	0.296	FA16:0	Triacylglycerol	TAG Ester
CR	IL8	id_145	0.040	-0.008	0.097	0.108	0.154	-0.151	0.483	0.354	0.195	-0.132	0.538	0.226	0.208	-1.264	2.199	0.294	LCER(20: 0)	Sphingolipid s	Lactosylceramide
CR	IL8	id_452	0.032	-0.014	0.107	0.108	0.162	-0.138	0.470	0.314	0.195	-0.101	0.502	0.234	0.166	-1.562	1.785	0.274	SM(20:0)	Sphingolipid s	Sphingomyelin
CR	IL8	id_761	0.017	-0.016	0.133	0.108	0.178	-0.144	0.509	0.308	0.195	-0.112	0.541	0.242	0.086	-1.676	1.154	0.330	FA18:1	Triacylglycerol	TAG Ester
CR	IL8	id_771	0.014	-0.013	0.092	0.108	0.181	-0.139	0.483	0.294	0.195	-0.122	0.515	0.224	0.069	-0.872	1.425	0.296	FA18:3	Triacylglycerol	TAG Ester

CR	IL8	id_145	0.040	-0.008	0.097	0.108	0.154	-0.151	0.483	0.354	0.195	-0.132	0.538	0.226	0.208	-1.264	2.199	0.294	LCER(20:0) Sphingolipids	Lactosylceramide
CR	IL8	id_452	0.032	-0.014	0.107	0.108	0.162	-0.138	0.470	0.314	0.195	-0.101	0.502	0.234	0.166	-1.562	1.785	0.274	SM(20:0) Sphingolipids	Sphingomyelin
CR	IL8	id_761	0.017	-0.016	0.133	0.108	0.178	-0.144	0.509	0.308	0.195	-0.112	0.541	0.242	0.086	-1.676	1.154	0.330	TAG53:4-FA18:1 Triacylglycerols	TAG Ester
CR	IL8	id_771	0.014	-0.013	0.092	0.108	0.181	-0.139	0.483	0.294	0.195	-0.122	0.515	0.224	0.069	-0.872	1.425	0.296	TAG53:6-FA18:3 Triacylglycerols	TAG Ester
CR	IL8	id_120	0.025	-0.014	0.100	0.110	0.169	-0.134	0.486	0.326	0.195	-0.111	0.525	0.236	0.130	-1.336	1.827	0.310	DCER(20:0) Sphingolipids	Dihydroceramide
CR	IL8	id_120	0.025	-0.014	0.100	0.110	0.169	-0.134	0.486	0.326	0.195	-0.111	0.525	0.236	0.130	-1.336	1.827	0.310	DCER(20:0) Sphingolipids	Dihydroceramide
CR	IL8	id_856	0.014	-0.006	0.089	0.112	0.181	-0.161	0.488	0.302	0.195	-0.140	0.514	0.240	0.072	-1.068	1.156	0.324	TAG55:6-FA18:1 Triacylglycerols	TAG Ester
CR	IL8	id_856	0.014	-0.006	0.089	0.112	0.181	-0.161	0.488	0.302	0.195	-0.140	0.514	0.240	0.072	-1.068	1.156	0.324	TAG55:6-FA18:1 Triacylglycerols	TAG Ester
CR	IL8	id_451	0.052	-0.013	0.230	0.114	0.142	-0.153	0.463	0.404	0.195	-0.105	0.547	0.214	0.269	-2.038	2.751	0.284	SM(18:1) Sphingolipids	Sphingomyelin
CR	IL8	id_451	0.052	-0.013	0.230	0.114	0.142	-0.153	0.463	0.404	0.195	-0.105	0.547	0.214	0.269	-2.038	2.751	0.284	SM(18:1) Sphingolipids	Sphingomyelin
CR	IL8	id_046	0.050	-0.033	0.228	0.118	0.145	-0.192	0.451	0.426	0.195	-0.127	0.517	0.232	0.256	-1.873	2.586	0.342	CER(14:0) Sphingolipids	Ceramide
CR	IL8	id_046	0.050	-0.033	0.228	0.118	0.145	-0.192	0.451	0.426	0.195	-0.127	0.517	0.232	0.256	-1.873	2.586	0.342	CER(14:0) Sphingolipids	Ceramide
CR	IL8	id_201	0.036	-0.009	0.093	0.122	0.159	-0.131	0.453	0.344	0.195	-0.105	0.507	0.234	0.184	-1.168	1.689	0.308	3) MAG	Ester
CR	IL8	id_201	0.036	-0.009	0.093	0.122	0.159	-0.131	0.453	0.344	0.195	-0.105	0.507	0.234	0.184	-1.168	1.689	0.308	3) MAG	Ester
CR	IL8	id_054	0.037	-0.012	0.128	0.124	0.157	-0.167	0.473	0.388	0.195	-0.140	0.525	0.290	0.193	-2.170	2.806	0.338	CER(24:0) Sphingolipids	Ceramide
CR	IL8	id_055	0.033	-0.010	0.107	0.124	0.162	-0.122	0.474	0.322	0.195	-0.102	0.515	0.238	0.170	-1.605	1.753	0.322	CER(24:1) Sphingolipids	Ceramide
CR	IL8	id_054	0.037	-0.012	0.128	0.124	0.157	-0.167	0.473	0.388	0.195	-0.140	0.525	0.290	0.193	-2.170	2.806	0.338	CER(24:0) Sphingolipids	Ceramide
CR	IL8	id_055	0.033	-0.010	0.107	0.124	0.162	-0.122	0.474	0.322	0.195	-0.102	0.515	0.238	0.170	-1.605	1.753	0.322	CER(24:1) Sphingolipids	Ceramide
CR	IL8	id_047	0.026	-0.011	0.101	0.134	0.169	-0.133	0.520	0.302	0.195	-0.108	0.556	0.232	0.133	-1.092	1.358	0.314	CER(16:0) Sphingolipids	Ceramide
CR	IL8	id_047	0.026	-0.011	0.101	0.134	0.169	-0.133	0.520	0.302	0.195	-0.108	0.556	0.232	0.133	-1.092	1.358	0.314	CER(16:0) Sphingolipids	Ceramide
CR	IL8	id_136	0.030	-0.010	0.087	0.136	0.165	-0.145	0.468	0.306	0.195	-0.121	0.502	0.242	0.154	-1.355	1.512	0.334	HCER(22:1) Sphingolipids	Hexosylceramide

CR	IL8	id_667	0.027	-0.037	0.137	0.136	0.168	-0.159	0.487	0.370	0.195	-0.105	0.537	0.244	0.137	-1.623	2.546	0.344	TAG51:4- Triacylglycerol	TAG Ester
CR	IL8	id_136	0.030	-0.010	0.087	0.136	0.165	-0.145	0.468	0.306	0.195	-0.121	0.502	0.242	0.154	-1.355	1.512	0.334	HCER(22 :1) Sphingolipids	Hexosylceramide
CR	IL8	id_667	0.027	-0.037	0.137	0.136	0.168	-0.159	0.487	0.370	0.195	-0.105	0.537	0.244	0.137	-1.623	2.546	0.344	TAG51:4- Triacylglycerol	TAG Ester
CR	IL8	id_029	0.029	-0.014	0.127	0.144	0.166	-0.165	0.492	0.292	0.195	-0.128	0.531	0.206	0.147	-1.116	2.079	0.298	FA16:0 Cholesterol	CE Ester
CR	IL8	id_057	0.038	-0.010	0.119	0.144	0.157	-0.145	0.448	0.326	0.195	-0.114	0.500	0.248	0.195	-1.624	1.216	0.352	CER(18:2) Sphingolipids	Ceramide
CR	IL8	id_987	0.039	-0.015	0.152	0.144	0.155	-0.150	0.483	0.376	0.195	-0.099	0.543	0.226	0.203	-1.678	4.802	0.314	CER(26:1) Phospholipid SUM	Phosphatidylcholines
CR	IL8	id_029	0.029	-0.014	0.127	0.144	0.166	-0.165	0.492	0.292	0.195	-0.128	0.531	0.206	0.147	-1.116	2.079	0.298	Total PC Cholesterol	CE Ester
CR	IL8	id_057	0.038	-0.010	0.119	0.144	0.157	-0.145	0.448	0.326	0.195	-0.114	0.500	0.248	0.195	-1.624	1.216	0.352	CER(18:2) Sphingolipids	Ceramide
CR	IL8	id_987	0.039	-0.015	0.152	0.144	0.155	-0.150	0.483	0.376	0.195	-0.099	0.543	0.226	0.203	-1.678	4.802	0.314	CER(26:1) Phospholipid SUM	Phosphatidylcholines
CR	IL8	id_228	0.029	-0.013	0.095	0.150	0.165	-0.124	0.489	0.296	0.195	-0.105	0.546	0.226	0.151	-1.165	1.471	0.320	Total PC(15:0/18:2) Phosphatidylcholine	PC Ester
CR	IL8	id_228	0.029	-0.013	0.095	0.150	0.165	-0.124	0.489	0.296	0.195	-0.105	0.546	0.226	0.151	-1.165	1.471	0.320	PC(15:0/18:2) Phosphatidylcholine	PC Ester
CR	IL8	id_978	0.030	-0.014	0.130	0.156	0.165	-0.164	0.468	0.404	0.195	-0.136	0.520	0.300	0.154	-1.870	1.831	0.400	Neutral Complex Lipids SUM	Cholesteryl Esters
CR	IL8	id_978	0.030	-0.014	0.130	0.156	0.165	-0.164	0.468	0.404	0.195	-0.136	0.520	0.300	0.154	-1.870	1.831	0.400	Total CE Neutral Complex Lipids SUM	Cholesteryl Esters
CR	IL8	id_042	0.025	-0.009	0.084	0.162	0.170	-0.128	0.482	0.300	0.195	-0.102	0.513	0.234	0.128	-0.939	1.254	0.344	CE(22:5) Cholesterol	CE Ester
CR	IL8	id_042	0.025	-0.009	0.084	0.162	0.170	-0.128	0.482	0.300	0.195	-0.102	0.513	0.234	0.128	-0.939	1.254	0.344	CE(22:5) Cholesterol	CE Ester
CR	IL8	id_118	0.022	-0.009	0.068	0.164	0.172	-0.155	0.491	0.304	0.195	-0.141	0.532	0.254	0.114	-0.842	0.991	0.358	DCER(18 :0) Sphingolipids	Dihydroceramide
CR	IL8	id_118	0.022	-0.009	0.068	0.164	0.172	-0.155	0.491	0.304	0.195	-0.141	0.532	0.254	0.114	-0.842	0.991	0.358	DCER(18 :0) Sphingolipids	Dihydroceramide
CR	IL8	id_454	0.027	-0.028	0.105	0.166	0.168	-0.152	0.493	0.354	0.195	-0.118	0.530	0.274	0.139	-1.635	1.415	0.368	SM(22:0) Sphingolipids	Sphingomyelin
CR	IL8	id_458	0.017	-0.012	0.067	0.166	0.178	-0.133	0.487	0.274	0.195	-0.115	0.510	0.226	0.088	-0.727	0.965	0.348	SM(26:0) Sphingolipids	Sphingomyelin

CR	IL8	id_770	0.014	-0.013	0.070	0.166	0.180	-0.150	0.508	0.288	0.195	-0.127	0.526	0.256	0.074	-1.194	0.771	0.366	TAG53:6- Triacylglycer FA18:2 ol TAG Ester		
CR	IL8	id_454	0.027	-0.028	0.105	0.166	0.168	-0.152	0.493	0.354	0.195	-0.118	0.530	0.274	0.139	-1.635	1.415	0.368	SM(22:0 Sphingolipid Sphingomyel) s in		
CR	IL8	id_458	0.017	-0.012	0.067	0.166	0.178	-0.133	0.487	0.274	0.195	-0.115	0.510	0.226	0.088	-0.727	0.965	0.348	SM(26:0 Sphingolipid Sphingomyel) s in		
CR	IL8	id_770	0.014	-0.013	0.070	0.166	0.180	-0.150	0.508	0.288	0.195	-0.127	0.526	0.256	0.074	-1.194	0.771	0.366	TAG53:6- Triacylglycer FA18:2 ol TAG Ester		
CR	IL8	id_766	0.013	-0.023	0.101	0.172	0.181	-0.133	0.495	0.296	0.195	-0.107	0.518	0.232	0.068	-0.839	1.331	0.348	TAG53:5- Triacylglycer FA18:2 ol TAG Ester		
CR	IL8	id_766	0.013	-0.023	0.101	0.172	0.181	-0.133	0.495	0.296	0.195	-0.107	0.518	0.232	0.068	-0.839	1.331	0.348	TAG53:5- Triacylglycer FA18:2 ol TAG Ester		
CR	IL8	id_455	0.033	-0.031	0.160	0.176	0.162	-0.156	0.475	0.362	0.195	-0.117	0.534	0.248	0.168	-2.150	2.386	0.344	SM(22:1 Sphingolipid Sphingomyel) s in		
CR	IL8	id_455	0.033	-0.031	0.160	0.176	0.162	-0.156	0.475	0.362	0.195	-0.117	0.534	0.248	0.168	-2.150	2.386	0.344	SM(22:1 Sphingolipid Sphingomyel) s in		
CR	IL8	id_124	0.024	-0.013	0.080	0.178	0.170	-0.138	0.485	0.290	0.195	-0.115	0.511	0.230	0.125	-0.943	1.321	0.356	DCER(22 Sphingolipid Dihydrocera :2) s mide		
CR	IL8	id_124	0.024	-0.013	0.080	0.178	0.170	-0.138	0.485	0.290	0.195	-0.115	0.511	0.230	0.125	-0.943	1.321	0.356	DCER(22 Sphingolipid Dihydrocera :2) s mide		
CR	IL8	id_117	0.020	-0.011	0.069	0.180	0.175	-0.133	0.516	0.286	0.195	-0.122	0.553	0.240	0.103	-0.738	0.992	0.356	DCER(16 Sphingolipid Dihydrocera :0) s mide		
CR	IL8	id_117	0.020	-0.011	0.069	0.180	0.175	-0.133	0.516	0.286	0.195	-0.122	0.553	0.240	0.103	-0.738	0.992	0.356	DCER(16 Sphingolipid Dihydrocera :0) s mide		
CR	IL8	id_755	0.010	-0.011	0.052	0.182	0.184	-0.133	0.540	0.260	0.195	-0.121	0.556	0.232	0.053	-0.564	0.766	0.354	TAG53:3- Triacylglycer FA18:0 ol TAG Ester		
CR	IL8	id_424	0.026	-0.015	0.075	0.182	0.168	-0.126	0.500	0.284	0.195	-0.107	0.520	0.208	0.135	-1.072	1.505	0.350	PE(P- Phosphatidyl 18:2/18: ethanolamin PE) e Plasmalogen		
CR	IL8	id_755	0.010	-0.011	0.052	0.182	0.184	-0.133	0.540	0.260	0.195	-0.121	0.556	0.232	0.053	-0.564	0.766	0.354	TAG53:3- Triacylglycer FA18:0 ol TAG Ester		
CR	IL8	id_424	0.026	-0.015	0.075	0.182	0.168	-0.126	0.500	0.284	0.195	-0.107	0.520	0.208	0.135	-1.072	1.505	0.350	PE(P- Phosphatidyl 18:2/18: ethanolamin PE) e Plasmalogen		
CR	IL8	id_254	0.023	-0.018	0.105	0.186	0.172	-0.137	0.492	0.288	0.195	-0.125	0.534	0.242	0.116	-0.647	1.126	0.352	PC(17:0/ Phosphatidyl 18:2) choline PC Ester		
CR	IL8	id_254	0.023	-0.018	0.105	0.186	0.172	-0.137	0.492	0.288	0.195	-0.125	0.534	0.242	0.116	-0.647	1.126	0.352	PC(17:0/ Phosphatidyl 18:2) choline PC Ester		
CR	IL8	id_028	0.028	-0.020	0.114	0.194	0.167	-0.132	0.504	0.290	0.195	-0.111	0.562	0.210	0.142	-1.324	1.553	0.336	Cholesterol CE(18:1) Ester CE Ester		

CR	IL8	id_132	0.031	-0.018	0.120	0.194	0.163	-0.165	0.464	0.372	0.195	-0.127	0.501	0.244	0.161	-1.271	2.792	0.370	HCER(18:1)	Sphingolipids	Hexosylceramide
CR	IL8	id_028	0.028	-0.020	0.114	0.194	0.167	-0.132	0.504	0.290	0.195	-0.111	0.562	0.210	0.142	-1.324	1.553	0.336	CE(18:1)	Cholesterol Ester	CE Ester
CR	IL8	id_132	0.031	-0.018	0.120	0.194	0.163	-0.165	0.464	0.372	0.195	-0.127	0.501	0.244	0.161	-1.271	2.792	0.370	HCER(18:1)	Sphingolipids	Hexosylceramide
CR	IL8	id_157	0.019	-0.010	0.065	0.208	0.176	-0.137	0.490	0.286	0.195	-0.123	0.525	0.246	0.097	-0.668	0.803	0.346	LPC(17:0)	Lysophosphatidylcholine	LPC Ester
CR	IL8	id_157	0.019	-0.010	0.065	0.208	0.176	-0.137	0.490	0.286	0.195	-0.123	0.525	0.246	0.097	-0.668	0.803	0.346	LPC(17:0)	Lysophosphatidylcholine	LPC Ester
CR	IL8	id_121	0.021	-0.014	0.074	0.216	0.174	-0.132	0.504	0.282	0.195	-0.115	0.529	0.236	0.107	-1.099	0.979	0.384	DCER(20:1)	Sphingolipids	Dihydroceramide
CR	IL8	id_121	0.021	-0.014	0.074	0.216	0.174	-0.132	0.504	0.282	0.195	-0.115	0.529	0.236	0.107	-1.099	0.979	0.384	DCER(20:1)	Sphingolipids	Dihydroceramide
CR	IL8	id_024	0.024	-0.021	0.092	0.220	0.171	-0.138	0.495	0.310	0.195	-0.116	0.537	0.254	0.123	-1.028	1.269	0.386	CE(16:0)	Cholesterol Ester	CE Ester
CR	IL8	id_027	0.029	-0.032	0.139	0.220	0.166	-0.148	0.466	0.294	0.195	-0.112	0.510	0.228	0.149	-1.090	1.356	0.368	CE(18:0)	Cholesterol Ester	CE Ester
CR	IL8	id_024	0.024	-0.021	0.092	0.220	0.171	-0.138	0.495	0.310	0.195	-0.116	0.537	0.254	0.123	-1.028	1.269	0.386	CE(16:0)	Cholesterol Ester	CE Ester
CR	IL8	id_027	0.029	-0.032	0.139	0.220	0.166	-0.148	0.466	0.294	0.195	-0.112	0.510	0.228	0.149	-1.090	1.356	0.368	CE(18:0)	Cholesterol Ester	CE Ester
CR	IL8	id_411	-0.030	-0.108	0.014	0.222	0.225	-0.073	0.572	0.150	0.195	-0.100	0.538	0.190	-0.156	-1.252	0.817	0.344	PE(P-18:1/16:0)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_411	-0.030	-0.108	0.014	0.222	0.225	-0.073	0.572	0.150	0.195	-0.100	0.538	0.190	-0.156	-1.252	0.817	0.344	PE(P-18:1/16:0)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_134	0.026	-0.024	0.089	0.232	0.169	-0.122	0.479	0.240	0.195	-0.083	0.515	0.184	0.134	-0.989	1.244	0.368	HCER(20:1)	Sphingolipids	Hexosylceramide
CR	IL8	id_154	0.017	-0.027	0.060	0.232	0.178	-0.138	0.518	0.300	0.195	-0.121	0.527	0.246	0.086	-0.824	1.213	0.406	LPC(15:0)	Lysophosphatidylcholine	LPC Ester
CR	IL8	id_134	0.026	-0.024	0.089	0.232	0.169	-0.122	0.479	0.240	0.195	-0.083	0.515	0.184	0.134	-0.989	1.244	0.368	HCER(20:1)	Sphingolipids	Hexosylceramide
CR	IL8	id_154	0.017	-0.027	0.060	0.232	0.178	-0.138	0.518	0.300	0.195	-0.121	0.527	0.246	0.086	-0.824	1.213	0.406	LPC(15:0)	Lysophosphatidylcholine	LPC Ester

CR	IL8	id_760	0.010	-0.020	0.048	0.240	0.184	-0.134	0.499	0.286	0.195	-0.130	0.514	0.252	0.052	-0.931	0.855	0.428	TAG53:4- Triacylglycer FA18:0 ol TAG Ester		
CR	IL8	id_760	0.010	-0.020	0.048	0.240	0.184	-0.134	0.499	0.286	0.195	-0.130	0.514	0.252	0.052	-0.931	0.855	0.428	TAG53:4- Triacylglycer FA18:0 ol TAG Ester		
CR	IL8	id_773	0.012	-0.018	0.053	0.242	0.182	-0.106	0.529	0.242	0.195	-0.096	0.546	0.206	0.063	-0.724	0.868	0.388	TAG53:7- Triacylglycer FA18:3 ol TAG Ester		
CR	IL8	id_773	0.012	-0.018	0.053	0.242	0.182	-0.106	0.529	0.242	0.195	-0.096	0.546	0.206	0.063	-0.724	0.868	0.388	TAG53:7- Triacylglycer FA18:3 ol TAG Ester		
CR	IL8	id_293	-0.025	-0.090	0.014	0.244	0.219	-0.084	0.556	0.162	0.195	-0.110	0.524	0.222	-0.126	-1.581	2.066	0.434	PC(18:2/ Phosphatidyl 20:2) choline PC Ester		
CR	IL8	id_293	-0.025	-0.090	0.014	0.244	0.219	-0.084	0.556	0.162	0.195	-0.110	0.524	0.222	-0.126	-1.581	2.066	0.434	PC(18:2/ Phosphatidyl 20:2) choline PC Ester		
CR	IL8	id_990	0.022	-0.032	0.133	0.248	0.172	-0.123	0.491	0.294	0.195	-0.098	0.541	0.228	0.114	-1.735	1.437	0.428	Sphingolipid Sphingomyel SUM ins		
CR	IL8	id_990	0.022	-0.032	0.133	0.248	0.172	-0.123	0.491	0.294	0.195	-0.098	0.541	0.228	0.114	-1.735	1.437	0.428	Sphingolipid Sphingomyel SUM ins		
CR	IL8	id_123	0.013	-0.018	0.056	0.256	0.182	-0.125	0.513	0.276	0.195	-0.112	0.530	0.242	0.064	-0.691	0.657	0.450	DCER(22 Sphingolipid Dihydrocera :1) s mide		
CR	IL8	id_181	0.018	-0.012	0.059	0.256	0.176	-0.116	0.494	0.264	0.195	-0.095	0.518	0.226	0.094	-0.709	0.659	0.366	Lysophospha LPE(20:4 tidylethanol) amine LPE Ester		
CR	IL8	id_123	0.013	-0.018	0.056	0.256	0.182	-0.125	0.513	0.276	0.195	-0.112	0.530	0.242	0.064	-0.691	0.657	0.450	DCER(22 Sphingolipid Dihydrocera :1) s mide		
CR	IL8	id_181	0.018	-0.012	0.059	0.256	0.176	-0.116	0.494	0.264	0.195	-0.095	0.518	0.226	0.094	-0.709	0.659	0.366	Lysophospha LPE(20:4 tidylethanol) amine LPE Ester		
CR	IL8	id_765	0.010	-0.015	0.046	0.264	0.185	-0.138	0.523	0.312	0.195	-0.128	0.538	0.276	0.050	-0.665	0.949	0.452	TAG53:5- Triacylglycer FA18:1 ol TAG Ester		
CR	IL8	id_765	0.010	-0.015	0.046	0.264	0.185	-0.138	0.523	0.312	0.195	-0.128	0.538	0.276	0.050	-0.665	0.949	0.452	TAG53:5- Triacylglycer FA18:1 ol TAG Ester		
CR	IL8	id_026	0.027	-0.060	0.134	0.270	0.168	-0.120	0.481	0.292	0.195	-0.101	0.520	0.212	0.138	-0.950	2.362	0.366	Cholesterol CE(17:0) Ester CE Ester		
CR	IL8	id_026	0.027	-0.060	0.134	0.270	0.168	-0.120	0.481	0.292	0.195	-0.101	0.520	0.212	0.138	-0.950	2.362	0.366	Cholesterol CE(17:0) Ester CE Ester		
CR	IL8	id_298	0.016	-0.012	0.054	0.274	0.179	-0.140	0.503	0.306	0.195	-0.122	0.513	0.258	0.083	-0.928	1.010	0.452	PC(18:2/ Phosphatidyl 22:5) choline PC Ester		
CR	IL8	id_298	0.016	-0.012	0.054	0.274	0.179	-0.140	0.503	0.306	0.195	-0.122	0.513	0.258	0.083	-0.928	1.010	0.452	PC(18:2/ Phosphatidyl 22:5) choline PC Ester		
CR	IL8	id_283	0.028	-0.048	0.109	0.282	0.167	-0.136	0.488	0.334	0.195	-0.103	0.525	0.226	0.144	-1.788	1.810	0.448	PC(18:1/ Phosphatidyl 20:3) choline PC Ester		

CR	IL8	id_857	0.009	-0.017	0.040	0.282	0.185	-0.122	0.525	0.258	0.195	-0.110	0.537	0.216	0.048	-0.465	0.780	0.430	TAG55:6- Triacylglycer FA20:3 ol TAG Ester		
CR	IL8	id_283	0.028	-0.048	0.109	0.282	0.167	-0.136	0.488	0.334	0.195	-0.103	0.525	0.226	0.144	-1.788	1.810	0.448	PC(18:1/ 20:3) Phosphatidyl choline PC Ester		
CR	IL8	id_857	0.009	-0.017	0.040	0.282	0.185	-0.122	0.525	0.258	0.195	-0.110	0.537	0.216	0.048	-0.465	0.780	0.430	TAG55:6- Triacylglycer FA20:3 ol TAG Ester		
CR	IL8	id_241	0.028	-0.020	0.103	0.296	0.167	-0.135	0.492	0.308	0.195	-0.108	0.539	0.244	0.141	-1.241	1.247	0.428	PC(16:0/ 18:2) Phosphatidyl choline PC Ester		
CR	IL8	id_241	0.028	-0.020	0.103	0.296	0.167	-0.135	0.492	0.308	0.195	-0.108	0.539	0.244	0.141	-1.241	1.247	0.428	PC(16:0/ 18:2) Phosphatidyl choline PC Ester		
CR	IL8	id_288	0.022	-0.027	0.073	0.304	0.173	-0.125	0.488	0.276	0.195	-0.101	0.527	0.224	0.113	-1.220	1.368	0.444	PC(18:1/ 22:6) Phosphatidyl choline PC Ester		
CR	IL8	id_288	0.022	-0.027	0.073	0.304	0.173	-0.125	0.488	0.276	0.195	-0.101	0.527	0.224	0.113	-1.220	1.368	0.444	PC(18:1/ 22:6) Phosphatidyl choline PC Ester		
CR	IL8	id_861	0.009	-0.015	0.032	0.322	0.185	-0.115	0.513	0.224	0.195	-0.110	0.524	0.208	0.047	-0.504	0.612	0.422	TAG55:7- Triacylglycer FA20:3 ol TAG Ester		
CR	IL8	id_861	0.009	-0.015	0.032	0.322	0.185	-0.115	0.513	0.224	0.195	-0.110	0.524	0.208	0.047	-0.504	0.612	0.422	TAG55:7- Triacylglycer FA20:3 ol TAG Ester		
CR	IL8	id_862	0.009	-0.018	0.034	0.330	0.186	-0.126	0.510	0.228	0.195	-0.109	0.520	0.202	0.046	-0.382	0.698	0.456	TAG55:7- Triacylglycer FA20:4 ol TAG Ester		
CR	IL8	id_862	0.009	-0.018	0.034	0.330	0.186	-0.126	0.510	0.228	0.195	-0.109	0.520	0.202	0.046	-0.382	0.698	0.456	TAG55:7- Triacylglycer FA20:4 ol TAG Ester		
CR	IL8	id_289	0.032	-0.039	0.135	0.332	0.163	-0.119	0.477	0.298	0.195	-0.085	0.542	0.208	0.164	-1.528	1.790	0.440	PC(18:2/ 16:1) Phosphatidyl choline PC Ester		
CR	IL8	id_289	0.032	-0.039	0.135	0.332	0.163	-0.119	0.477	0.298	0.195	-0.085	0.542	0.208	0.164	-1.528	1.790	0.440	PC(18:2/ 16:1) Phosphatidyl choline PC Ester		
CR	IL8	id_449	0.014	-0.022	0.059	0.348	0.181	-0.131	0.490	0.300	0.195	-0.119	0.521	0.268	0.070	-0.675	0.833	0.508	SM(16:0 Sphingolipid) s Sphingomyel in		
CR	IL8	id_449	0.014	-0.022	0.059	0.348	0.181	-0.131	0.490	0.300	0.195	-0.119	0.521	0.268	0.070	-0.675	0.833	0.508	SM(16:0 Sphingolipid) s Sphingomyel in		
CR	IL8	id_133	0.012	-0.014	0.049	0.354	0.183	-0.110	0.491	0.208	0.195	-0.097	0.512	0.186	0.061	-0.534	0.683	0.480	HCER(20 Sphingolipid :0) s Hexosylcera mide		
CR	IL8	id_133	0.012	-0.014	0.049	0.354	0.183	-0.110	0.491	0.208	0.195	-0.097	0.512	0.186	0.061	-0.534	0.683	0.480	HCER(20 Sphingolipid :0) s Hexosylcera mide		
CR	IL8	id_139	0.012	-0.018	0.051	0.374	0.183	-0.129	0.521	0.260	0.195	-0.119	0.538	0.232	0.062	-0.619	0.583	0.538	HCER(26 Sphingolipid :0) s Hexosylcera mide		
CR	IL8	id_139	0.012	-0.018	0.051	0.374	0.183	-0.129	0.521	0.260	0.195	-0.119	0.538	0.232	0.062	-0.619	0.583	0.538	HCER(26 Sphingolipid :0) s Hexosylcera mide		
CR	IL8	id_119	0.022	-0.049	0.060	0.376	0.173	-0.118	0.511	0.258	0.195	-0.102	0.530	0.234	0.113	-1.253	0.810	0.510	DCER(18 Sphingolipid :1) s Dihydrocera mide		

CR	IL8	id_119	0.022	-0.049	0.060	0.376	0.173	-0.118	0.511	0.258	0.195	-0.102	0.530	0.234	0.113	-1.253	0.810	0.510	DCER(18:1)	Sphingolipids	Dihydroceramide
CR	IL8	id_257	0.018	-0.023	0.072	0.386	0.176	-0.115	0.522	0.272	0.195	-0.106	0.541	0.246	0.095	-0.631	0.915	0.472	PC(17:0/20:4)	Phosphatidylcholine	PC Ester
CR	IL8	id_257	0.018	-0.023	0.072	0.386	0.176	-0.115	0.522	0.272	0.195	-0.106	0.541	0.246	0.095	-0.631	0.915	0.472	PC(17:0/20:4)	Phosphatidylcholine	PC Ester
CR	IL8	id_131	0.017	-0.029	0.069	0.390	0.178	-0.137	0.507	0.306	0.195	-0.127	0.523	0.248	0.086	-0.920	1.203	0.554	HCER(18:0)	Sphingolipids	Hexosylceramide
CR	IL8	id_131	0.017	-0.029	0.069	0.390	0.178	-0.137	0.507	0.306	0.195	-0.127	0.523	0.248	0.086	-0.920	1.203	0.554	HCER(18:0)	Sphingolipids	Hexosylceramide
CR	IL8	id_035	0.020	-0.057	0.077	0.398	0.175	-0.131	0.503	0.270	0.195	-0.102	0.523	0.216	0.103	-1.157	1.806	0.502	Cholesterol CE(20:3)	Ester	CE Ester
CR	IL8	id_035	0.020	-0.057	0.077	0.398	0.175	-0.131	0.503	0.270	0.195	-0.102	0.523	0.216	0.103	-1.157	1.806	0.502	Cholesterol CE(20:3)	Ester	CE Ester
CR	IL8	id_864	0.007	-0.028	0.029	0.410	0.187	-0.105	0.545	0.234	0.195	-0.103	0.542	0.226	0.038	-0.934	0.570	0.516	TAG55:8-FA20:4	Triacylglycerol	TAG Ester
CR	IL8	id_864	0.007	-0.028	0.029	0.410	0.187	-0.105	0.545	0.234	0.195	-0.103	0.542	0.226	0.038	-0.934	0.570	0.516	TAG55:8-FA20:4	Triacylglycerol	TAG Ester
CR	IL8	id_045	0.012	-0.018	0.062	0.422	0.182	-0.114	0.518	0.260	0.195	-0.113	0.537	0.208	0.063	-0.656	1.011	0.518	Cholesterol CE(24:1)	Ester	CE Ester
CR	IL8	id_045	0.012	-0.018	0.062	0.422	0.182	-0.114	0.518	0.260	0.195	-0.113	0.537	0.208	0.063	-0.656	1.011	0.518	Cholesterol CE(24:1)	Ester	CE Ester
CR	IL8	id_425	0.014	-0.019	0.050	0.432	0.181	-0.138	0.503	0.236	0.195	-0.124	0.529	0.214	0.072	-0.397	0.826	0.530	PE(P-18:2/20:4)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_425	0.014	-0.019	0.050	0.432	0.181	-0.138	0.503	0.236	0.195	-0.124	0.529	0.214	0.072	-0.397	0.826	0.530	PE(P-18:2/20:4)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_033	0.009	-0.022	0.035	0.436	0.186	-0.139	0.512	0.278	0.195	-0.124	0.513	0.258	0.045	-0.629	0.558	0.582	Cholesterol CE(20:1)	Ester	CE Ester
CR	IL8	id_033	0.009	-0.022	0.035	0.436	0.186	-0.139	0.512	0.278	0.195	-0.124	0.513	0.258	0.045	-0.629	0.558	0.582	Cholesterol CE(20:1)	Ester	CE Ester
CR	IL8	id_204	0.008	-0.017	0.034	0.454	0.187	-0.111	0.533	0.238	0.195	-0.098	0.543	0.192	0.039	-0.362	1.064	0.558	0)	MAG	Ester
CR	IL8	id_769	0.008	-0.039	0.033	0.454	0.186	-0.115	0.534	0.262	0.195	-0.102	0.547	0.240	0.043	-0.776	0.980	0.582	TAG53:6-FA18:1	Triacylglycerol	TAG Ester
CR	IL8	id_204	0.008	-0.017	0.034	0.454	0.187	-0.111	0.533	0.238	0.195	-0.098	0.543	0.192	0.039	-0.362	1.064	0.558	0)	MAG	Ester
CR	IL8	id_769	0.008	-0.039	0.033	0.454	0.186	-0.115	0.534	0.262	0.195	-0.102	0.547	0.240	0.043	-0.776	0.980	0.582	TAG53:6-FA18:1	Triacylglycerol	TAG Ester
CR	IL8	id_195	0.009	-0.022	0.043	0.456	0.186	-0.119	0.520	0.256	0.195	-0.110	0.537	0.224	0.046	-0.452	0.733	0.584	2)	MAG	Ester
CR	IL8	id_195	0.009	-0.022	0.043	0.456	0.186	-0.119	0.520	0.256	0.195	-0.110	0.537	0.224	0.046	-0.452	0.733	0.584	2)	MAG	Ester

CR	IL8	id_034	0.018	-0.083	0.098	0.462	0.177	-0.160	0.514	0.294	0.195	-0.133	0.535	0.240	0.092	-1.242	2.154	0.558	CE(20:2)	Cholesterol Ester	CE Ester
CR	IL8	id_034	0.018	-0.083	0.098	0.462	0.177	-0.160	0.514	0.294	0.195	-0.133	0.535	0.240	0.092	-1.242	2.154	0.558	CE(20:2)	Cholesterol Ester	CE Ester
CR	IL8	id_208	0.006	-0.016	0.031	0.464	0.188	-0.128	0.509	0.230	0.195	-0.117	0.517	0.214	0.033	-0.363	0.537	0.594	5)	MAG	Ester
CR	IL8	id_208	0.006	-0.016	0.031	0.464	0.188	-0.128	0.509	0.230	0.195	-0.117	0.517	0.214	0.033	-0.363	0.537	0.594	5)	MAG	Ester
CR	IL8	id_939	0.008	-0.041	0.032	0.466	0.187	-0.138	0.541	0.222	0.195	-0.127	0.544	0.206	0.041	-0.550	0.632	0.564	TAG57:9-FA22:6	Triacylglycerol	TAG Ester
CR	IL8	id_939	0.008	-0.041	0.032	0.466	0.187	-0.138	0.541	0.222	0.195	-0.127	0.544	0.206	0.041	-0.550	0.632	0.564	TAG57:9-FA22:6	Triacylglycerol	TAG Ester
CR	IL8	id_186	0.011	-0.024	0.041	0.472	0.184	-0.131	0.495	0.268	0.195	-0.132	0.500	0.252	0.055	-0.542	0.845	0.556	0)	MAG	Ester
CR	IL8	id_186	0.011	-0.024	0.041	0.472	0.184	-0.131	0.495	0.268	0.195	-0.132	0.500	0.252	0.055	-0.542	0.845	0.556	0)	MAG	Ester
CR	IL8	id_459	0.007	-0.023	0.043	0.484	0.188	-0.120	0.495	0.228	0.195	-0.113	0.496	0.222	0.034	-0.346	0.767	0.578	SM(26:1)	Sphingolipids	Sphingomyelin
CR	IL8	id_151	-0.016	-0.084	0.025	0.484	0.210	-0.096	0.549	0.194	0.195	-0.097	0.518	0.230	-0.081	-0.901	0.720	0.586	LCER(26:0)	Sphingolipids	Lactosylceramide
CR	IL8	id_459	0.007	-0.023	0.043	0.484	0.188	-0.120	0.495	0.228	0.195	-0.113	0.496	0.222	0.034	-0.346	0.767	0.578	SM(26:1)	Sphingolipids	Sphingomyelin
CR	IL8	id_151	-0.016	-0.084	0.025	0.484	0.210	-0.096	0.549	0.194	0.195	-0.097	0.518	0.230	-0.081	-0.901	0.720	0.586	LCER(26:0)	Sphingolipids	Lactosylceramide
CR	IL8	id_128	0.010	-0.031	0.033	0.506	0.185	-0.118	0.522	0.226	0.195	-0.117	0.524	0.222	0.050	-0.591	0.475	0.616	DCER(26:1)	Sphingolipids	Dihydroceramide
CR	IL8	id_128	0.010	-0.031	0.033	0.506	0.185	-0.118	0.522	0.226	0.195	-0.117	0.524	0.222	0.050	-0.591	0.475	0.616	DCER(26:1)	Sphingolipids	Dihydroceramide
CR	IL8	id_150	0.016	-0.035	0.084	0.528	0.179	-0.127	0.495	0.282	0.195	-0.123	0.509	0.248	0.082	-0.908	1.101	0.592	LCER(24:1)	Sphingolipids	Lactosylceramide
CR	IL8	id_150	0.016	-0.035	0.084	0.528	0.179	-0.127	0.495	0.282	0.195	-0.123	0.509	0.248	0.082	-0.908	1.101	0.592	LCER(24:1)	Sphingolipids	Lactosylceramide
CR	IL8	id_199	0.009	-0.027	0.043	0.532	0.186	-0.107	0.535	0.268	0.195	-0.096	0.523	0.248	0.047	-0.686	0.737	0.636	1)	MAG	Ester
CR	IL8	id_421	-0.017	-0.118	0.028	0.532	0.211	-0.126	0.588	0.226	0.195	-0.124	0.535	0.254	-0.086	-1.753	1.108	0.574	PE(P-18:1/22:4)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_199	0.009	-0.027	0.043	0.532	0.186	-0.107	0.535	0.268	0.195	-0.096	0.523	0.248	0.047	-0.686	0.737	0.636	1)	MAG	Ester
CR	IL8	id_421	-0.017	-0.118	0.028	0.532	0.211	-0.126	0.588	0.226	0.195	-0.124	0.535	0.254	-0.086	-1.753	1.108	0.574	PE(P-18:1/22:4)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_147	0.010	-0.026	0.048	0.548	0.185	-0.122	0.497	0.246	0.195	-0.113	0.506	0.208	0.052	-0.606	1.091	0.628	LCER(22:0)	Sphingolipids	Lactosylceramide

CR	IL8	id_398	0.012	-0.045	0.048	0.548	0.182	-0.113	0.511	0.292	0.195	-0.103	0.531	0.250	0.064	-1.196	1.283	0.642	PE(P-18:0/16:0)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_147	0.010	-0.026	0.048	0.548	0.185	-0.122	0.497	0.246	0.195	-0.113	0.506	0.208	0.052	-0.606	1.091	0.628	LCER(22:0)	Sphingolipids	Lactosylceramide
CR	IL8	id_398	0.012	-0.045	0.048	0.548	0.182	-0.113	0.511	0.292	0.195	-0.103	0.531	0.250	0.064	-1.196	1.283	0.642	PE(P-18:0/16:0)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_456	0.013	-0.036	0.066	0.552	0.182	-0.123	0.533	0.252	0.195	-0.110	0.549	0.212	0.067	-0.674	0.886	0.624	SM(24:0)	Sphingolipids	Sphingomyelin
CR	IL8	id_456	0.013	-0.036	0.066	0.552	0.182	-0.123	0.533	0.252	0.195	-0.110	0.549	0.212	0.067	-0.674	0.886	0.624	SM(24:0)	Sphingolipids	Sphingomyelin
CR	IL8	id_392	-0.017	-0.111	0.036	0.554	0.212	-0.100	0.580	0.206	0.195	-0.105	0.531	0.220	-0.089	-1.375	1.736	0.630	PE(P-16:0/20:4)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_392	-0.017	-0.111	0.036	0.554	0.212	-0.100	0.580	0.206	0.195	-0.105	0.531	0.220	-0.089	-1.375	1.736	0.630	PE(P-16:0/20:4)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_378	0.015	-0.049	0.064	0.558	0.180	-0.124	0.514	0.250	0.195	-0.129	0.535	0.258	0.075	-0.756	0.953	0.568	PE(O-18:0/20:4)	Phosphatidylethanolamine	PE Ether
CR	IL8	id_378	0.015	-0.049	0.064	0.558	0.180	-0.124	0.514	0.250	0.195	-0.129	0.535	0.258	0.075	-0.756	0.953	0.568	PE(O-18:0/20:4)	Phosphatidylethanolamine	PE Ether
CR	IL8	id_144	0.010	-0.026	0.042	0.562	0.185	-0.144	0.532	0.270	0.195	-0.133	0.550	0.244	0.052	-0.523	0.711	0.630	LCER(18:1)	Sphingolipids	Lactosylceramide
CR	IL8	id_144	0.010	-0.026	0.042	0.562	0.185	-0.144	0.532	0.270	0.195	-0.133	0.550	0.244	0.052	-0.523	0.711	0.630	LCER(18:1)	Sphingolipids	Lactosylceramide
CR	IL8	id_405	0.014	-0.063	0.054	0.564	0.180	-0.129	0.525	0.290	0.195	-0.103	0.527	0.224	0.074	-1.354	1.616	0.708	PE(P-18:0/20:3)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_405	0.014	-0.063	0.054	0.564	0.180	-0.129	0.525	0.290	0.195	-0.103	0.527	0.224	0.074	-1.354	1.616	0.708	PE(P-18:0/20:3)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_272	0.016	-0.047	0.075	0.588	0.179	-0.124	0.487	0.264	0.195	-0.113	0.505	0.232	0.083	-0.933	1.020	0.668	PC(18:0/20:4)	Phosphatidylcholine	PC Ester
CR	IL8	id_160	0.002	-0.014	0.032	0.588	0.193	-0.139	0.511	0.262	0.195	-0.138	0.515	0.248	0.008	-0.376	0.412	0.708	LPC(18:2)	Lysophosphatidylcholine	LPC Ester
CR	IL8	id_272	0.016	-0.047	0.075	0.588	0.179	-0.124	0.487	0.264	0.195	-0.113	0.505	0.232	0.083	-0.933	1.020	0.668	PC(18:0/20:4)	Phosphatidylcholine	PC Ester

CR	IL8	id_160	0.002	-0.014	0.032	0.588	0.193	-0.139	0.511	0.262	0.195	-0.138	0.515	0.248	0.008	-0.376	0.412	0.708	LPC(18:2)	Lysophosphatidylcholine	LPC Ester
CR	IL8	id_043	0.012	-0.045	0.057	0.596	0.183	-0.098	0.549	0.214	0.195	-0.095	0.568	0.190	0.060	-0.922	0.720	0.638	CE(22:6)	Cholesterol Ester	CE Ester
CR	IL8	id_043	0.012	-0.045	0.057	0.596	0.183	-0.098	0.549	0.214	0.195	-0.095	0.568	0.190	0.060	-0.922	0.720	0.638	CE(22:6)	Cholesterol Ester	CE Ester
CR	IL8	id_279	0.009	-0.028	0.048	0.612	0.186	-0.130	0.512	0.270	0.195	-0.122	0.526	0.252	0.044	-0.688	0.765	0.696	PC(18:1/18:2)	Phosphatidylcholine	PC Ester
CR	IL8	id_279	0.009	-0.028	0.048	0.612	0.186	-0.130	0.512	0.270	0.195	-0.122	0.526	0.252	0.044	-0.688	0.765	0.696	PC(18:1/18:2)	Phosphatidylcholine	PC Ester
CR	IL8	id_072	0.007	-0.026	0.052	0.620	0.187	-0.103	0.528	0.208	0.195	-0.090	0.521	0.190	0.038	-0.510	0.663	0.654	DAG(14:1/18:1)	Diacylglycerol	DAG Ester
CR	IL8	id_072	0.007	-0.026	0.052	0.620	0.187	-0.103	0.528	0.208	0.195	-0.090	0.521	0.190	0.038	-0.510	0.663	0.654	DAG(14:1/18:1)	Diacylglycerol	DAG Ester
CR	IL8	id_203	0.000	-0.017	0.077	0.622	0.195	-0.102	0.537	0.240	0.195	-0.089	0.545	0.206	0.000	-0.454	0.797	0.696	5)	MAG	Ester
CR	IL8	id_423	0.006	-0.014	0.034	0.622	0.189	-0.121	0.539	0.250	0.195	-0.121	0.543	0.230	0.029	-0.350	0.533	0.720	PE(P-18:1/22:6)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_203	0.000	-0.017	0.077	0.622	0.195	-0.102	0.537	0.240	0.195	-0.089	0.545	0.206	0.000	-0.454	0.797	0.696	5)	MAG	Ester
CR	IL8	id_423	0.006	-0.014	0.034	0.622	0.189	-0.121	0.539	0.250	0.195	-0.121	0.543	0.230	0.029	-0.350	0.533	0.720	PE(P-18:1/22:6)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_386	-0.011	-0.115	0.032	0.636	0.205	-0.112	0.596	0.222	0.195	-0.105	0.541	0.226	-0.055	-1.398	1.249	0.638	PE(P-16:0/18:1)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_386	-0.011	-0.115	0.032	0.636	0.205	-0.112	0.596	0.222	0.195	-0.105	0.541	0.226	-0.055	-1.398	1.249	0.638	PE(P-16:0/18:1)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_982	0.005	-0.027	0.034	0.642	0.189	-0.114	0.514	0.226	0.195	-0.117	0.519	0.220	0.027	-0.309	0.420	0.706	Total HCER	Sphingolipid SUM	Hexosylceramides
CR	IL8	id_982	0.005	-0.027	0.034	0.642	0.189	-0.114	0.514	0.226	0.195	-0.117	0.519	0.220	0.027	-0.309	0.420	0.706	Total HCER	Sphingolipid SUM	Hexosylceramides
CR	IL8	id_044	0.007	-0.021	0.060	0.644	0.188	-0.107	0.522	0.216	0.195	-0.103	0.532	0.196	0.035	-0.550	0.581	0.696	CE(24:0)	Cholesterol Ester	CE Ester
CR	IL8	id_044	0.007	-0.021	0.060	0.644	0.188	-0.107	0.522	0.216	0.195	-0.103	0.532	0.196	0.035	-0.550	0.581	0.696	CE(24:0)	Cholesterol Ester	CE Ester
CR	IL8	id_406	-0.010	-0.077	0.028	0.650	0.205	-0.118	0.585	0.202	0.195	-0.124	0.569	0.230	-0.051	-0.846	1.205	0.740	PE(P-18:0/20:4)	Phosphatidylethanolamine	PE Plasmalogen

CR	IL8	id_406	-0.010	-0.077	0.028	0.650	0.205	-0.118	0.585	0.202	0.195	-0.124	0.569	0.230	-0.051	-0.846	1.205	0.740	PE(P-18:0/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	IL8	id_457	0.007	-0.022	0.041	0.652	0.188	-0.128	0.520	0.266	0.195	-0.120	0.545	0.238	0.034	-0.345	0.707	0.718	SM(24:1)	Sphingolipids	Sphingomyelin
CR	IL8	id_457	0.007	-0.022	0.041	0.652	0.188	-0.128	0.520	0.266	0.195	-0.120	0.545	0.238	0.034	-0.345	0.707	0.718	SM(24:1)	Sphingolipids	Sphingomyelin
CR	IL8	id_368	0.008	-0.028	0.054	0.660	0.187	-0.133	0.511	0.268	0.195	-0.128	0.536	0.240	0.040	-0.941	0.731	0.732	PE(O-16:0/20:4)	Phosphatidyl ethanolamine	PE Ether
CR	IL8	id_368	0.008	-0.028	0.054	0.660	0.187	-0.133	0.511	0.268	0.195	-0.128	0.536	0.240	0.040	-0.941	0.731	0.732	PE(O-16:0/20:4)	Phosphatidyl ethanolamine	PE Ether
CR	IL8	id_381	0.011	-0.069	0.055	0.666	0.183	-0.133	0.555	0.284	0.195	-0.114	0.547	0.228	0.059	-1.190	1.625	0.774	PE(O-18:0/22:5)	Phosphatidyl ethanolamine	PE Ether
CR	IL8	id_381	0.011	-0.069	0.055	0.666	0.183	-0.133	0.555	0.284	0.195	-0.114	0.547	0.228	0.059	-1.190	1.625	0.774	PE(O-18:0/22:5)	Phosphatidyl ethanolamine	PE Ether
CR	IL8	id_135	0.006	-0.028	0.044	0.672	0.189	-0.113	0.520	0.210	0.195	-0.103	0.518	0.200	0.030	-0.397	0.846	0.700	HCER(22:0)	Sphingolipids	Hexosylceramide
CR	IL8	id_135	0.006	-0.028	0.044	0.672	0.189	-0.113	0.520	0.210	0.195	-0.103	0.518	0.200	0.030	-0.397	0.846	0.700	HCER(22:0)	Sphingolipids	Hexosylceramide
CR	IL8	id_036	0.009	-0.050	0.061	0.692	0.185	-0.130	0.492	0.280	0.195	-0.123	0.502	0.256	0.048	-1.077	1.036	0.776	CE(20:4)	Cholesterol Ester	CE Ester
CR	IL8	id_036	0.009	-0.050	0.061	0.692	0.185	-0.130	0.492	0.280	0.195	-0.123	0.502	0.256	0.048	-1.077	1.036	0.776	CE(20:4)	Cholesterol Ester	CE Ester
CR	IL8	id_332	0.006	-0.023	0.037	0.708	0.189	-0.131	0.538	0.282	0.195	-0.128	0.549	0.248	0.031	-0.504	0.642	0.768	PE(18:0/18:0)	Phosphatidyl ethanolamine	PE Ester
CR	IL8	id_332	0.006	-0.023	0.037	0.708	0.189	-0.131	0.538	0.282	0.195	-0.128	0.549	0.248	0.031	-0.504	0.642	0.768	PE(18:0/18:0)	Phosphatidyl ethanolamine	PE Ester
CR	IL8	id_359	0.004	-0.025	0.038	0.718	0.191	-0.112	0.521	0.232	0.195	-0.105	0.528	0.222	0.021	-0.739	0.520	0.752	PE(18:2/16:1)	Phosphatidyl ethanolamine	PE Ester
CR	IL8	id_359	0.004	-0.025	0.038	0.718	0.191	-0.112	0.521	0.232	0.195	-0.105	0.528	0.222	0.021	-0.739	0.520	0.752	PE(18:2/16:1)	Phosphatidyl ethanolamine	PE Ester
CR	IL8	id_130	0.006	-0.037	0.037	0.724	0.189	-0.117	0.523	0.236	0.195	-0.108	0.536	0.226	0.030	-0.726	0.566	0.790	HCER(16:0)	Sphingolipids	Hexosylceramide

CR	IL8	id_130	0.006	-0.037	0.037	0.724	0.189	-0.117	0.523	0.236	0.195	-0.108	0.536	0.226	0.030	-0.726	0.566	0.790	HCER(16:0)	Sphingolipids	Hexosylceramide
CR	IL8	id_251	0.009	-0.053	0.055	0.736	0.186	-0.123	0.524	0.262	0.195	-0.116	0.525	0.250	0.045	-0.652	0.813	0.758	PC(16:0/22:6)	Phosphatidylcholine	PC Ester
CR	IL8	id_251	0.009	-0.053	0.055	0.736	0.186	-0.123	0.524	0.262	0.195	-0.116	0.525	0.250	0.045	-0.652	0.813	0.758	PC(16:0/22:6)	Phosphatidylcholine	PC Ester
CR	IL8	id_138	0.001	-0.019	0.033	0.740	0.194	-0.133	0.515	0.230	0.195	-0.122	0.529	0.218	0.003	-0.366	0.267	0.830	HCER(24:1)	Sphingolipids	Hexosylceramide
CR	IL8	id_382	0.002	-0.024	0.030	0.740	0.193	-0.136	0.518	0.244	0.195	-0.126	0.521	0.244	0.009	-0.447	0.346	0.832	PE(O-18:0/22:6)	Phosphatidylethanolamine	PE Ether
CR	IL8	id_138	0.001	-0.019	0.033	0.740	0.194	-0.133	0.515	0.230	0.195	-0.122	0.529	0.218	0.003	-0.366	0.267	0.830	HCER(24:1)	Sphingolipids	Hexosylceramide
CR	IL8	id_382	0.002	-0.024	0.030	0.740	0.193	-0.136	0.518	0.244	0.195	-0.126	0.521	0.244	0.009	-0.447	0.346	0.832	PE(O-18:0/22:6)	Phosphatidylethanolamine	PE Ether
CR	IL8	id_146	0.008	-0.039	0.046	0.742	0.186	-0.106	0.526	0.248	0.195	-0.111	0.530	0.228	0.042	-0.571	0.701	0.758	LCER(20:1)	Sphingolipids	Lactosylceramide
CR	IL8	id_146	0.008	-0.039	0.046	0.742	0.186	-0.106	0.526	0.248	0.195	-0.111	0.530	0.228	0.042	-0.571	0.701	0.758	LCER(20:1)	Sphingolipids	Lactosylceramide
CR	IL8	id_039	0.000	-0.011	0.030	0.744	0.195	-0.120	0.514	0.252	0.195	-0.116	0.526	0.238	0.001	-0.266	0.305	0.862	Cholesterol CE(22:1)	Ester	CE Ester
CR	IL8	id_039	0.000	-0.011	0.030	0.744	0.195	-0.120	0.514	0.252	0.195	-0.116	0.526	0.238	0.001	-0.266	0.305	0.862	Cholesterol CE(22:1)	Ester	CE Ester
CR	IL8	id_209	0.006	-0.060	0.043	0.754	0.188	-0.133	0.510	0.252	0.195	-0.131	0.520	0.258	0.032	-0.655	0.903	0.776	6)	MAG	Ester
CR	IL8	id_415	0.010	-0.062	0.061	0.754	0.184	-0.126	0.529	0.264	0.195	-0.114	0.522	0.242	0.053	-1.414	0.950	0.844	PE(P-18:1/18:2)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_209	0.006	-0.060	0.043	0.754	0.188	-0.133	0.510	0.252	0.195	-0.131	0.520	0.258	0.032	-0.655	0.903	0.776	6)	MAG	Ester
CR	IL8	id_415	0.010	-0.062	0.061	0.754	0.184	-0.126	0.529	0.264	0.195	-0.114	0.522	0.242	0.053	-1.414	0.950	0.844	PE(P-18:1/18:2)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_230	0.004	-0.027	0.038	0.788	0.191	-0.125	0.496	0.228	0.195	-0.116	0.517	0.224	0.021	-0.430	0.511	0.784	PC(15:0/20:4)	Phosphatidylcholine	PC Ester
CR	IL8	id_230	0.004	-0.027	0.038	0.788	0.191	-0.125	0.496	0.228	0.195	-0.116	0.517	0.224	0.021	-0.430	0.511	0.784	PC(15:0/20:4)	Phosphatidylcholine	PC Ester
CR	IL8	id_419	-0.006	-0.085	0.039	0.800	0.201	-0.119	0.534	0.210	0.195	-0.119	0.524	0.220	-0.031	-0.951	0.920	0.840	PE(P-18:1/20:4)	Phosphatidylethanolamine	PE Plasmalogen

CR	IL8	id_419	-0.006	-0.085	0.039	0.800	0.201	-0.119	0.534	0.210	0.195	-0.119	0.524	0.220	-0.031	-0.951	0.920	0.840	PE(P-18:1/20:4)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_414	0.005	-0.034	0.040	0.802	0.190	-0.137	0.531	0.250	0.195	-0.134	0.545	0.252	0.025	-0.655	0.765	0.870	PE(P-18:1/18:1)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_414	0.005	-0.034	0.040	0.802	0.190	-0.137	0.531	0.250	0.195	-0.134	0.545	0.252	0.025	-0.655	0.765	0.870	PE(P-18:1/18:1)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_395	-0.006	-0.104	0.044	0.804	0.200	-0.130	0.517	0.230	0.195	-0.115	0.503	0.264	-0.029	-1.183	1.780	0.824	PE(P-16:0/22:5)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_395	-0.006	-0.104	0.044	0.804	0.200	-0.130	0.517	0.230	0.195	-0.115	0.503	0.264	-0.029	-1.183	1.780	0.824	PE(P-16:0/22:5)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_137	0.002	-0.030	0.031	0.808	0.192	-0.134	0.514	0.248	0.195	-0.131	0.522	0.238	0.012	-0.537	0.457	0.822	HCER(24:0)	Sphingolipids	Hexosylceramide
CR	IL8	id_137	0.002	-0.030	0.031	0.808	0.192	-0.134	0.514	0.248	0.195	-0.131	0.522	0.238	0.012	-0.537	0.457	0.822	HCER(24:0)	Sphingolipids	Hexosylceramide
CR	IL8	id_401	-0.004	-0.074	0.033	0.816	0.199	-0.116	0.549	0.230	0.195	-0.104	0.531	0.224	-0.021	-0.771	0.969	0.792	PE(P-18:0/18:1)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_401	-0.004	-0.074	0.033	0.816	0.199	-0.116	0.549	0.230	0.195	-0.104	0.531	0.224	-0.021	-0.771	0.969	0.792	PE(P-18:0/18:1)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_041	-0.006	-0.073	0.039	0.832	0.200	-0.117	0.510	0.202	0.195	-0.107	0.517	0.228	-0.028	-0.993	0.982	0.852	CE(22:4)	Cholesterol Ester	CE Ester
CR	IL8	id_410	-0.001	-0.019	0.033	0.832	0.195	-0.123	0.534	0.210	0.195	-0.111	0.538	0.202	-0.004	-0.289	0.302	0.874	PE(P-18:0/22:6)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_041	-0.006	-0.073	0.039	0.832	0.200	-0.117	0.510	0.202	0.195	-0.107	0.517	0.228	-0.028	-0.993	0.982	0.852	CE(22:4)	Cholesterol Ester	CE Ester
CR	IL8	id_410	-0.001	-0.019	0.033	0.832	0.195	-0.123	0.534	0.210	0.195	-0.111	0.538	0.202	-0.004	-0.289	0.302	0.874	PE(P-18:0/22:6)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_149	-0.004	-0.038	0.027	0.840	0.199	-0.107	0.516	0.216	0.195	-0.110	0.515	0.216	-0.020	-0.623	0.520	0.912	LCER(24:0)	Sphingolipids	Lactosylceramide
CR	IL8	id_284	0.004	-0.051	0.049	0.840	0.190	-0.135	0.531	0.234	0.195	-0.124	0.532	0.226	0.023	-0.856	0.814	0.866	PC(18:1/20:4)	Phosphatidylcholine	PC Ester
CR	IL8	id_149	-0.004	-0.038	0.027	0.840	0.199	-0.107	0.516	0.216	0.195	-0.110	0.515	0.216	-0.020	-0.623	0.520	0.912	LCER(24:0)	Sphingolipids	Lactosylceramide

CR	IL8	id_284	0.004	-0.051	0.049	0.840	0.190	-0.135	0.531	0.234	0.195	-0.124	0.532	0.226	0.023	-0.856	0.814	0.866	PC(18:1/20:4)	Phosphatidylcholine	PC Ester
CR	IL8	id_372	-0.001	-0.019	0.028	0.842	0.195	-0.118	0.517	0.228	0.195	-0.114	0.517	0.216	-0.004	-0.264	0.480	0.914	PE(O-16:0/22:6)	Phosphatidylethanolamine	PE Ether
CR	IL8	id_372	-0.001	-0.019	0.028	0.842	0.195	-0.118	0.517	0.228	0.195	-0.114	0.517	0.216	-0.004	-0.264	0.480	0.914	PE(O-16:0/22:6)	Phosphatidylethanolamine	PE Ether
CR	IL8	id_354	0.002	-0.044	0.029	0.852	0.193	-0.101	0.559	0.222	0.195	-0.090	0.545	0.220	0.010	-0.545	0.609	0.908	PE(18:1/22:0)	Phosphatidylethanolamine	PE Ester
CR	IL8	id_354	0.002	-0.044	0.029	0.852	0.193	-0.101	0.559	0.222	0.195	-0.090	0.545	0.220	0.010	-0.545	0.609	0.908	PE(18:1/22:0)	Phosphatidylethanolamine	PE Ester
CR	IL8	id_409	0.007	-0.084	0.055	0.854	0.188	-0.121	0.541	0.242	0.195	-0.110	0.525	0.212	0.034	-1.989	1.366	0.958	PE(P-18:0/22:5)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_409	0.007	-0.084	0.055	0.854	0.188	-0.121	0.541	0.242	0.195	-0.110	0.525	0.212	0.034	-1.989	1.366	0.958	PE(P-18:0/22:5)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_983	-0.004	-0.047	0.036	0.866	0.199	-0.111	0.530	0.248	0.195	-0.109	0.515	0.250	-0.021	-0.608	0.456	0.896	Total LCER	Sphingolipid SUM	Lactosylceramides
CR	IL8	id_983	-0.004	-0.047	0.036	0.866	0.199	-0.111	0.530	0.248	0.195	-0.109	0.515	0.250	-0.021	-0.608	0.456	0.896	Total LCER	Sphingolipid SUM	Lactosylceramides
CR	IL8	id_402	0.005	-0.060	0.047	0.870	0.190	-0.114	0.515	0.220	0.195	-0.104	0.516	0.218	0.026	-1.199	1.340	0.896	PE(P-18:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_402	0.005	-0.060	0.047	0.870	0.190	-0.114	0.515	0.220	0.195	-0.104	0.516	0.218	0.026	-1.199	1.340	0.896	PE(P-18:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_189	0.001	-0.024	0.034	0.880	0.194	-0.108	0.551	0.240	0.195	-0.109	0.549	0.240	0.005	-0.371	0.343	0.936	0)	MAG	Ester
CR	IL8	id_189	0.001	-0.024	0.034	0.880	0.194	-0.108	0.551	0.240	0.195	-0.109	0.549	0.240	0.005	-0.371	0.343	0.936	0)	MAG	Ester
CR	IL8	id_188	0.003	-0.062	0.036	0.882	0.191	-0.098	0.546	0.218	0.195	-0.097	0.541	0.224	0.017	-0.717	0.967	0.854	1)	MAG	Ester
CR	IL8	id_188	0.003	-0.062	0.036	0.882	0.191	-0.098	0.546	0.218	0.195	-0.097	0.541	0.224	0.017	-0.717	0.967	0.854	1)	MAG	Ester
CR	IL8	id_366	-0.002	-0.050	0.039	0.890	0.197	-0.093	0.521	0.192	0.195	-0.104	0.533	0.218	-0.011	-0.924	0.699	0.980	PE(O-16:0/18:2)	Phosphatidylethanolamine	PE Ether
CR	IL8	id_366	-0.002	-0.050	0.039	0.890	0.197	-0.093	0.521	0.192	0.195	-0.104	0.533	0.218	-0.011	-0.924	0.699	0.980	PE(O-16:0/18:2)	Phosphatidylethanolamine	PE Ether

CR	IL8	id_205	0.001	-0.071	0.027	0.928	0.194	-0.096	0.528	0.216	0.195	-0.106	0.512	0.220	0.003	-0.712	0.698	0.940 1)	MAG	Ester
CR	IL8	id_205	0.001	-0.071	0.027	0.928	0.194	-0.096	0.528	0.216	0.195	-0.106	0.512	0.220	0.003	-0.712	0.698	0.940 1)	MAG	Ester
CR	IL8	id_142	-0.003	-0.046	0.049	0.930	0.198	-0.117	0.527	0.260	0.195	-0.122	0.524	0.244	-0.017	-0.727	0.700	0.938 0)	LCER(16: Sphingolipids	Lactosylceramide
CR	IL8	id_142	-0.003	-0.046	0.049	0.930	0.198	-0.117	0.527	0.260	0.195	-0.122	0.524	0.244	-0.017	-0.727	0.700	0.938 0)	LCER(16: Sphingolipids	Lactosylceramide
CR	IL8	id_170	-0.001	-0.059	0.037	0.942	0.196	-0.108	0.553	0.214	0.195	-0.105	0.559	0.222	-0.006	-0.837	0.497	0.984)	LPC(22:6 Lysophosphatidylcholine	LPC Ester
CR	IL8	id_170	-0.001	-0.059	0.037	0.942	0.196	-0.108	0.553	0.214	0.195	-0.105	0.559	0.222	-0.006	-0.837	0.497	0.984)	LPC(22:6 Lysophosphatidylcholine	LPC Ester
CR	IL8	id_148	-0.002	-0.031	0.026	0.948	0.196	-0.116	0.548	0.228	0.195	-0.115	0.551	0.228	-0.009	-0.552	0.316	0.972 1)	LCER(22: Sphingolipids	Lactosylceramide
CR	IL8	id_148	-0.002	-0.031	0.026	0.948	0.196	-0.116	0.548	0.228	0.195	-0.115	0.551	0.228	-0.009	-0.552	0.316	0.972 1)	LCER(22: Sphingolipids	Lactosylceramide
CR	IL8	id_141	0.001	-0.059	0.037	0.960	0.193	-0.107	0.517	0.210	0.195	-0.112	0.508	0.208	0.006	-0.686	0.619	0.936 0)	LCER(14: Sphingolipids	Lactosylceramide
CR	IL8	id_141	0.001	-0.059	0.037	0.960	0.193	-0.107	0.517	0.210	0.195	-0.112	0.508	0.208	0.006	-0.686	0.619	0.936 0)	LCER(14: Sphingolipids	Lactosylceramide
CR	IL8	id_387	0.001	-0.073	0.044	0.970	0.194	-0.120	0.544	0.246	0.195	-0.109	0.534	0.248	0.003	-1.175	1.316	0.994 2)	PE(P-16:0/18: ethanolamine	Phosphatidyl PE Plasmalogen
CR	IL8	id_422	0.000	-0.095	0.054	0.970	0.195	-0.110	0.575	0.234	0.195	-0.099	0.545	0.228	-0.002	-1.836	1.406	0.934 5)	PE(P-18:1/22: ethanolamine	Phosphatidyl PE Plasmalogen
CR	IL8	id_387	0.001	-0.073	0.044	0.970	0.194	-0.120	0.544	0.246	0.195	-0.109	0.534	0.248	0.003	-1.175	1.316	0.994 2)	PE(P-16:0/18: ethanolamine	Phosphatidyl PE Plasmalogen
CR	IL8	id_422	0.000	-0.095	0.054	0.970	0.195	-0.110	0.575	0.234	0.195	-0.099	0.545	0.228	-0.002	-1.836	1.406	0.934 5)	PE(P-18:1/22: ethanolamine	Phosphatidyl PE Plasmalogen
CR	IL8	id_396	0.000	-0.030	0.024	0.986	0.195	-0.121	0.529	0.232	0.195	-0.119	0.535	0.228	-0.002	-0.433	0.297	0.974 6)	PE(P-16:0/22: ethanolamine	Phosphatidyl PE Plasmalogen
CR	IL8	id_396	0.000	-0.030	0.024	0.986	0.195	-0.121	0.529	0.232	0.195	-0.119	0.535	0.228	-0.002	-0.433	0.297	0.974 6)	PE(P-16:0/22: ethanolamine	Phosphatidyl PE Plasmalogen
CR	IL8	id_152	-0.001	-0.026	0.028	0.994	0.196	-0.134	0.527	0.260	0.195	-0.125	0.531	0.248	-0.007	-0.293	0.561	0.994 1)	LCER(26: Sphingolipids	Lactosylceramide

CR	IL8	id_152	-0.001	-0.026	0.028	0.994	0.196	-0.134	0.527	0.260	0.195	-0.125	0.531	0.248	-0.007	-0.293	0.561	0.994	LCER(26:1)	Cholesterol	Lactosylceramide
AL	IL8	id_023	0.007	-0.052	0.091	0.830	-0.213	-1.235	0.669	0.710	-0.206	-1.223	0.680	0.714	-0.035	-0.559	0.494	0.916	CE(15:0)	Ester	CE Ester
AL	IL8	id_024	-0.012	-0.070	0.039	0.700	-0.194	-1.237	0.682	0.716	-0.206	-1.236	0.688	0.704	0.059	-0.564	0.473	0.964	CE(16:0)	Ester	CE Ester
AL	IL8	id_026	-0.057	-0.170	0.014	0.176	-0.148	-1.113	0.700	0.850	-0.206	-1.181	0.667	0.770	0.280	-1.104	1.285	0.722	CE(17:0)	Ester	CE Ester
AL	IL8	id_027	0.004	-0.093	0.138	0.952	-0.210	-1.516	0.709	0.774	-0.206	-1.369	0.660	0.756	-0.019	-1.033	0.793	0.628	CE(18:0)	Ester	CE Ester
AL	IL8	id_028	-0.015	-0.099	0.048	0.694	-0.191	-1.403	0.657	0.756	-0.206	-1.380	0.627	0.730	0.073	-0.939	0.697	0.932	CE(18:1)	Ester	CE Ester
AL	IL8	id_029	0.013	-0.044	0.122	0.728	-0.218	-1.270	0.682	0.728	-0.206	-1.235	0.693	0.736	-0.062	-0.494	0.467	0.720	CE(18:2)	Ester	CE Ester
AL	IL8	id_033	0.053	-0.015	0.197	0.208	-0.259	-1.338	0.637	0.690	-0.206	-1.245	0.700	0.754	-0.260	-2.017	1.495	0.766	CE(20:1)	Ester	CE Ester
AL	IL8	id_034	-0.034	-0.121	0.028	0.338	-0.172	-1.232	0.739	0.788	-0.206	-1.272	0.706	0.756	0.165	-0.809	0.841	0.726	CE(20:2)	Ester	CE Ester
AL	IL8	id_035	-0.031	-0.107	0.033	0.318	-0.175	-1.219	0.737	0.802	-0.206	-1.222	0.677	0.744	0.150	-1.450	1.319	0.826	CE(20:3)	Ester	CE Ester
AL	IL8	id_036	-0.041	-0.220	0.165	0.714	-0.164	-1.362	0.693	0.818	-0.206	-1.343	0.674	0.770	0.201	-2.224	2.014	0.852	CE(20:4)	Ester	CE Ester
AL	IL8	id_041	-0.073	-0.286	0.127	0.434	-0.132	-1.150	0.720	0.842	-0.206	-1.290	0.697	0.742	0.356	-2.479	2.223	0.772	CE(22:4)	Ester	CE Ester
AL	IL8	id_042	-0.020	-0.210	0.197	0.870	-0.186	-1.164	0.752	0.752	-0.206	-1.236	0.737	0.730	0.097	-1.466	1.782	0.868	CE(22:5)	Ester	CE Ester
AL	IL8	id_043	0.004	-0.044	0.079	0.872	-0.210	-1.395	0.684	0.818	-0.206	-1.364	0.697	0.824	-0.021	-0.518	0.361	0.916	CE(22:6)	Ester	CE Ester
AL	IL8	id_044	-0.054	-0.212	0.080	0.310	-0.152	-1.127	0.708	0.796	-0.206	-1.226	0.665	0.730	0.261	-2.011	1.915	0.744	CE(24:0)	Ester	CE Ester
AL	IL8	id_045	-0.002	-0.081	0.078	0.938	-0.203	-1.284	0.675	0.722	-0.206	-1.252	0.626	0.702	0.012	-0.788	0.733	0.672	CE(24:1)	Ester	CE Ester
AL	IL8	id_046	-0.011	-0.091	0.049	0.752	-0.194	-1.314	0.621	0.754	-0.206	-1.331	0.623	0.742	0.056	-0.437	0.673	0.666	CER(14:0)	Sphingolipids	Ceramide
AL	IL8	id_047	-0.019	-0.113	0.087	0.722	-0.187	-1.337	0.669	0.752	-0.206	-1.255	0.633	0.720	0.091	-0.991	0.819	0.834	CER(16:0)	Sphingolipids	Ceramide
AL	IL8	id_048	0.009	-0.078	0.126	0.912	-0.215	-1.374	0.672	0.694	-0.206	-1.384	0.652	0.698	-0.046	-0.572	0.577	0.874	CER(18:0)	Sphingolipids	Ceramide
AL	IL8	id_049	0.004	-0.088	0.126	0.994	-0.210	-1.324	0.747	0.770	-0.206	-1.216	0.697	0.742	-0.020	-0.973	0.819	0.556	CER(18:1)	Sphingolipids	Ceramide

AL	IL8	id_050	0.006	-0.063	0.118	0.974	-0.211	-1.445	0.663	0.734	-0.206	-1.444	0.663	0.732	-0.027	-0.563	0.681	0.906	CER(20:0 Sphingolipids	Ceramide
AL	IL8	id_051	-0.004	-0.084	0.085	0.906	-0.202	-1.411	0.730	0.712	-0.206	-1.392	0.658	0.716	0.017	-0.840	0.579	0.738	CER(20:1 Sphingolipids	Ceramide
AL	IL8	id_052	0.025	-0.065	0.184	0.720	-0.231	-1.375	0.654	0.666	-0.206	-1.244	0.663	0.676	-0.123	-1.591	0.694	0.728	CER(22:0 Sphingolipids	Ceramide
AL	IL8	id_053	-0.028	-0.117	0.030	0.394	-0.178	-1.261	0.700	0.776	-0.206	-1.317	0.667	0.736	0.135	-0.881	0.967	0.810	CER(22:1 Sphingolipids	Ceramide
AL	IL8	id_054	0.034	-0.059	0.254	0.578	-0.240	-1.340	0.677	0.720	-0.206	-1.203	0.691	0.742	-0.167	-1.818	0.807	0.752	CER(24:0 Sphingolipids	Ceramide
AL	IL8	id_055	-0.002	-0.065	0.051	0.934	-0.204	-1.359	0.684	0.750	-0.206	-1.363	0.680	0.748	0.009	-0.501	0.590	0.970	CER(24:1 Sphingolipids	Ceramide
AL	IL8	id_057	0.002	-0.047	0.055	0.942	-0.207	-1.360	0.689	0.720	-0.206	-1.348	0.686	0.730	-0.007	-0.445	0.427	0.952	CER(26:1 Sphingolipids	Ceramide
AL	IL8	id_116	-0.007	-0.084	0.070	0.770	-0.198	-1.309	0.640	0.788	-0.206	-1.329	0.633	0.780	0.036	-1.271	0.610	0.906 :0)	DCER(14 Sphingolipids	Dihydroceramide
AL	IL8	id_117	0.002	-0.052	0.106	0.900	-0.208	-1.345	0.650	0.790	-0.206	-1.354	0.667	0.790	-0.012	-0.534	0.383	0.878 :0)	DCER(16 Sphingolipids	Dihydroceramide
AL	IL8	id_118	0.000	-0.059	0.087	0.946	-0.206	-1.340	0.682	0.758	-0.206	-1.357	0.682	0.758	-0.002	-0.565	0.375	0.992 :0)	DCER(18 Sphingolipids	Dihydroceramide
AL	IL8	id_119	-0.030	-0.371	0.139	0.750	-0.176	-1.114	0.698	0.760	-0.206	-1.223	0.691	0.724	0.146	-1.099	1.240	0.770 :1)	DCER(18 Sphingolipids	Dihydroceramide
AL	IL8	id_120	0.027	-0.116	0.207	0.678	-0.233	-1.418	0.689	0.684	-0.206	-1.320	0.741	0.714	-0.134	-1.164	1.729	0.996 :0)	DCER(20 Sphingolipids	Dihydroceramide
AL	IL8	id_121	0.005	-0.124	0.156	0.932	-0.211	-1.438	0.606	0.710	-0.206	-1.414	0.624	0.712	-0.025	-1.393	1.589	1.000 :1)	DCER(20 Sphingolipids	Dihydroceramide
AL	IL8	id_122	0.040	-0.056	0.257	0.460	-0.246	-1.492	0.617	0.656	-0.206	-1.338	0.619	0.700	-0.197	-1.782	1.184	0.820 :0)	DCER(22 Sphingolipids	Dihydroceramide
AL	IL8	id_123	-0.010	-0.114	0.095	0.864	-0.196	-1.299	0.644	0.776	-0.206	-1.326	0.636	0.774	0.046	-0.672	0.699	0.906 :1)	DCER(22 Sphingolipids	Dihydroceramide
AL	IL8	id_124	0.003	-0.043	0.072	0.926	-0.209	-1.409	0.710	0.724	-0.206	-1.375	0.695	0.724	-0.015	-0.459	0.469	0.902 :2)	DCER(22 Sphingolipids	Dihydroceramide
AL	IL8	id_125	0.032	-0.069	0.213	0.602	-0.238	-1.384	0.625	0.728	-0.206	-1.324	0.617	0.740	-0.157	-0.998	0.734	0.830 :0)	DCER(24 Sphingolipids	Dihydroceramide
AL	IL8	id_126	-0.012	-0.094	0.063	0.754	-0.194	-1.258	0.653	0.764	-0.206	-1.272	0.644	0.754	0.057	-0.937	0.671	0.944 :1)	DCER(24 Sphingolipids	Dihydroceramide
AL	IL8	id_128	-0.001	-0.069	0.102	0.980	-0.205	-1.326	0.642	0.758	-0.206	-1.337	0.643	0.750	0.003	-0.611	0.661	0.994 :1)	DCER(26 Sphingolipids	Dihydroceramide
AL	IL8	id_129	0.003	-0.094	0.110	0.972	-0.209	-1.417	0.670	0.700	-0.206	-1.370	0.688	0.688	-0.014	-0.805	0.678	0.996 :0)	HCER(14 Sphingolipids	Hexosylceramide

AL	IL8	id_130	0.000	-0.039	0.052	0.928	-0.206	-1.344	0.641	0.744	-0.206	-1.337	0.642	0.744	-0.001	-0.385	0.317	0.836	HCER(16:0)	Sphingolipids	Hexosylceramide
AL	IL8	id_131	0.002	-0.068	0.069	0.968	-0.207	-1.306	0.680	0.758	-0.206	-1.300	0.640	0.768	-0.009	-0.504	0.595	0.844	HCER(18:0)	Sphingolipids	Hexosylceramide
AL	IL8	id_132	-0.018	-0.102	0.058	0.754	-0.187	-1.351	0.697	0.746	-0.206	-1.361	0.647	0.736	0.090	-0.722	0.597	0.946	HCER(18:1)	Sphingolipids	Hexosylceramide
AL	IL8	id_133	0.005	-0.050	0.079	0.940	-0.211	-1.350	0.640	0.746	-0.206	-1.336	0.644	0.752	-0.025	-0.543	0.416	0.940	HCER(20:0)	Sphingolipids	Hexosylceramide
AL	IL8	id_134	-0.041	-0.239	0.068	0.486	-0.164	-1.176	0.728	0.802	-0.206	-1.254	0.696	0.748	0.201	-1.173	1.638	0.814	HCER(20:1)	Sphingolipids	Hexosylceramide
AL	IL8	id_135	0.007	-0.031	0.105	0.742	-0.212	-1.338	0.672	0.722	-0.206	-1.324	0.669	0.744	-0.033	-0.482	0.813	0.794	HCER(22:0)	Sphingolipids	Hexosylceramide
AL	IL8	id_136	-0.044	-0.254	0.089	0.510	-0.161	-1.232	0.683	0.796	-0.206	-1.377	0.664	0.728	0.215	-1.445	1.338	0.778	HCER(22:1)	Sphingolipids	Hexosylceramide
AL	IL8	id_137	-0.002	-0.044	0.053	0.946	-0.204	-1.335	0.663	0.744	-0.206	-1.301	0.651	0.740	0.009	-0.400	0.452	0.902	HCER(24:0)	Sphingolipids	Hexosylceramide
AL	IL8	id_138	-0.007	-0.119	0.173	0.980	-0.198	-1.310	0.668	0.756	-0.206	-1.336	0.688	0.752	0.036	-1.012	1.119	0.948	HCER(24:1)	Sphingolipids	Hexosylceramide
AL	IL8	id_139	0.007	-0.144	0.183	0.998	-0.213	-1.384	0.646	0.784	-0.206	-1.329	0.651	0.800	-0.036	-1.389	0.859	0.986	HCER(26:0)	Sphingolipids	Hexosylceramide
AL	IL8	id_141	-0.040	-0.356	0.143	0.686	-0.166	-1.234	0.671	0.788	-0.206	-1.388	0.636	0.748	0.193	-1.942	1.527	0.834	LCER(14:0)	Sphingolipids	Lactosylceramide
AL	IL8	id_142	0.020	-0.197	0.308	0.872	-0.226	-1.291	0.567	0.642	-0.206	-1.250	0.614	0.690	-0.100	-2.516	2.047	0.946	LCER(16:0)	Sphingolipids	Lactosylceramide
AL	IL8	id_144	-0.023	-0.256	0.239	0.810	-0.183	-1.232	0.640	0.770	-0.206	-1.342	0.649	0.776	0.112	-2.337	1.431	0.822	LCER(18:1)	Sphingolipids	Lactosylceramide
AL	IL8	id_145	-0.009	-0.280	0.198	0.934	-0.197	-1.269	0.662	0.716	-0.206	-1.376	0.647	0.706	0.042	-1.430	1.285	0.900	LCER(20:0)	Sphingolipids	Lactosylceramide
AL	IL8	id_146	0.001	-0.135	0.172	0.982	-0.207	-1.259	0.624	0.722	-0.206	-1.319	0.640	0.724	-0.006	-1.027	0.760	0.922	LCER(20:1)	Sphingolipids	Lactosylceramide
AL	IL8	id_147	-0.025	-0.237	0.126	0.742	-0.181	-1.306	0.673	0.754	-0.206	-1.352	0.643	0.734	0.120	-1.164	1.449	0.788	LCER(22:0)	Sphingolipids	Lactosylceramide
AL	IL8	id_148	-0.050	-0.343	0.157	0.640	-0.156	-1.208	0.676	0.756	-0.206	-1.348	0.641	0.722	0.242	-1.294	2.216	0.770	LCER(22:1)	Sphingolipids	Lactosylceramide
AL	IL8	id_149	0.003	-0.159	0.185	0.982	-0.209	-1.434	0.638	0.726	-0.206	-1.387	0.632	0.728	-0.014	-1.312	1.111	0.930	LCER(24:0)	Sphingolipids	Lactosylceramide
AL	IL8	id_152	-0.002	-0.048	0.044	0.942	-0.204	-1.385	0.613	0.718	-0.206	-1.385	0.613	0.714	0.010	-0.283	0.483	0.984	LCER(26:1)	Sphingolipids	Lactosylceramide
AL	IL8	id_154	-0.040	-0.240	0.183	0.738	-0.166	-1.143	0.612	0.802	-0.206	-1.333	0.701	0.794	0.193	-1.529	1.640	0.424	LPC(15:0)	Lysophosphatidylcholine	LPC Ester

AL	IL8	id_157	0.015	-0.063	0.138	0.796	-0.221	-1.421	0.618	0.760	-0.206	-1.387	0.638	0.758	-0.074	-1.176	1.316	0.858	LPC(17:0))	Lysophospha tidylcholine	LPC Ester
AL	IL8	id_170	-0.002	-0.063	0.048	0.940	-0.203	-1.258	0.626	0.780	-0.206	-1.234	0.616	0.776	0.011	-0.610	0.458	0.972	LPC(22:6))	Lysophospha tidylcholine	LPC Ester
AL	IL8	id_181	0.005	-0.031	0.075	0.724	-0.211	-1.322	0.635	0.784	-0.206	-1.292	0.649	0.796	-0.026	-0.390	0.529	0.808	LPE(20:4))	Lysophospha tidylethanol amine	LPE Ester
AL	IL8	id_186	-0.003	-0.081	0.080	0.880	-0.202	-1.196	0.680	0.750	-0.206	-1.241	0.679	0.742	0.015	-0.591	0.567	0.898	0)	MAG	Ester
AL	IL8	id_188	0.011	-0.054	0.081	0.794	-0.217	-1.338	0.724	0.756	-0.206	-1.299	0.728	0.754	-0.053	-0.645	0.474	0.852	1)	MAG	Ester
AL	IL8	id_189	0.034	-0.082	0.182	0.610	-0.239	-1.270	0.703	0.728	-0.206	-1.240	0.722	0.758	-0.163	-1.967	1.238	0.900	0)	MAG	Ester
AL	IL8	id_195	0.023	-0.079	0.169	0.842	-0.228	-1.385	0.666	0.746	-0.206	-1.301	0.659	0.756	-0.110	-0.976	0.540	0.798	2)	MAG	Ester
AL	IL8	id_203	-0.004	-0.085	0.061	0.976	-0.202	-1.310	0.695	0.728	-0.206	-1.306	0.693	0.726	0.018	-0.592	0.604	0.962	5)	MAG	Ester
AL	IL8	id_204	-0.003	-0.048	0.053	0.970	-0.203	-1.331	0.686	0.758	-0.206	-1.288	0.696	0.750	0.013	-0.458	0.646	0.864	0)	MAG	Ester
AL	IL8	id_205	0.009	-0.102	0.132	0.984	-0.215	-1.295	0.642	0.712	-0.206	-1.308	0.634	0.706	-0.045	-0.881	0.399	0.850	1)	MAG	Ester
AL	IL8	id_208	-0.005	-0.108	0.111	0.956	-0.201	-1.302	0.684	0.804	-0.206	-1.283	0.673	0.800	0.023	-0.934	1.242	0.900	5)	MAG	Ester
AL	IL8	id_209	0.000	-0.035	0.052	0.928	-0.205	-1.385	0.730	0.732	-0.206	-1.388	0.732	0.742	0.001	-0.431	0.362	0.974	6)	MAG	Ester
AL	IL8	id_228	0.001	-0.036	0.066	0.796	-0.206	-1.304	0.719	0.778	-0.206	-1.287	0.728	0.784	-0.003	-0.662	0.353	0.868	PC(15:0/ 18:2)	Phosphatidyl choline	PC Ester
AL	IL8	id_230	-0.102	-0.470	0.094	0.304	-0.104	-1.065	0.723	0.838	-0.206	-1.276	0.643	0.706	0.496	-1.913	2.415	0.730	PC(15:0/ 20:4)	Phosphatidyl choline	PC Ester
AL	IL8	id_241	0.003	-0.106	0.121	0.936	-0.208	-1.283	0.655	0.748	-0.206	-1.299	0.657	0.746	-0.012	-0.955	1.076	0.946	PC(16:0/ 18:2)	Phosphatidyl choline	PC Ester
AL	IL8	id_254	0.006	-0.017	0.080	0.574	-0.211	-1.312	0.640	0.742	-0.206	-1.275	0.633	0.766	-0.028	-0.450	0.625	0.860	PC(17:0/ 18:2)	Phosphatidyl choline	PC Ester
AL	IL8	id_257	-0.043	-0.206	0.082	0.458	-0.163	-1.196	0.715	0.856	-0.206	-1.274	0.699	0.800	0.209	-2.209	1.465	0.850	PC(17:0/ 20:4)	Phosphatidyl choline	PC Ester
AL	IL8	id_272	-0.064	-0.328	0.147	0.530	-0.142	-1.161	0.720	0.868	-0.206	-1.326	0.674	0.768	0.311	-2.377	3.297	0.758	PC(18:0/ 20:4)	Phosphatidyl choline	PC Ester
AL	IL8	id_279	-0.033	-0.164	0.050	0.576	-0.173	-1.259	0.725	0.776	-0.206	-1.346	0.680	0.744	0.158	-0.739	1.194	0.728	PC(18:1/ 18:2)	Phosphatidyl choline	PC Ester
AL	IL8	id_283	-0.125	-0.336	-0.001	0.046	-0.081	-1.080	0.835	0.936	-0.206	-1.292	0.646	0.746	0.606	-3.245	3.207	0.756	PC(18:1/ 20:3)	Phosphatidyl choline	PC Ester
AL	IL8	id_284	-0.259	-0.832	0.073	0.146	0.054	-0.793	0.858	0.846	-0.206	-1.372	0.673	0.758	1.260	-4.534	7.545	0.700	PC(18:1/ 20:4)	Phosphatidyl choline	PC Ester
AL	IL8	id_289	-0.107	-0.437	0.051	0.374	-0.099	-1.089	0.687	0.810	-0.206	-1.356	0.587	0.706	0.520	-3.023	2.844	0.632	PC(18:2/ 16:1)	Phosphatidyl choline	PC Ester

AL	IL8	id_354	-0.008	-0.089	0.083	0.874	-0.198	-1.345	0.701	0.678	-0.206	-1.353	0.703	0.682	0.036	-0.493	0.676	0.904	PE(18:1/22:0)	Phosphatidyl ethanolamine PE Ester
AL	IL8	id_386	-0.030	-0.168	0.064	0.578	-0.176	-1.203	0.634	0.778	-0.206	-1.265	0.636	0.738	0.145	-0.823	1.155	0.788	PE(P-16:0/18:1)	Phosphatidyl ethanolamine PE Plasmalogen
AL	IL8	id_398	-0.019	-0.116	0.050	0.604	-0.187	-1.229	0.639	0.770	-0.206	-1.263	0.633	0.730	0.090	-0.534	1.081	0.838	PE(P-18:0/16:0)	Phosphatidyl ethanolamine PE Plasmalogen
AL	IL8	id_405	-0.004	-0.052	0.047	0.914	-0.201	-1.215	0.681	0.732	-0.206	-1.230	0.687	0.736	0.020	-0.527	0.509	0.970	PE(P-18:0/20:3)	Phosphatidyl ethanolamine PE Plasmalogen
AL	IL8	id_414	-0.046	-0.248	0.045	0.492	-0.159	-1.185	0.702	0.812	-0.206	-1.300	0.674	0.770	0.226	-0.998	1.157	0.686	PE(P-18:1/18:1)	Phosphatidyl ethanolamine PE Plasmalogen
AL	IL8	id_448	0.010	-0.036	0.089	0.674	-0.215	-1.376	0.684	0.714	-0.206	-1.332	0.689	0.720	-0.048	-0.469	0.742	0.838	SM(14:0)	Sphingolipids Sphingomyelin
AL	IL8	id_449	-0.001	-0.047	0.074	0.922	-0.205	-1.326	0.697	0.740	-0.206	-1.280	0.662	0.744	0.006	-0.447	0.362	0.826	SM(16:0)	Sphingolipids Sphingomyelin
AL	IL8	id_450	-0.004	-0.054	0.052	0.964	-0.201	-1.350	0.683	0.756	-0.206	-1.349	0.683	0.756	0.020	-0.450	0.528	0.904	SM(18:0)	Sphingolipids Sphingomyelin
AL	IL8	id_451	-0.028	-0.141	0.064	0.514	-0.178	-1.289	0.713	0.754	-0.206	-1.288	0.660	0.710	0.135	-1.289	1.032	0.872	SM(18:1)	Sphingolipids Sphingomyelin
AL	IL8	id_452	0.035	-0.049	0.183	0.452	-0.241	-1.372	0.646	0.676	-0.206	-1.298	0.673	0.736	-0.172	-1.450	1.873	0.888	SM(20:0)	Sphingolipids Sphingomyelin
AL	IL8	id_453	-0.029	-0.127	0.067	0.496	-0.177	-1.370	0.679	0.784	-0.206	-1.384	0.682	0.740	0.140	-1.009	1.051	0.856	SM(20:1)	Sphingolipids Sphingomyelin
AL	IL8	id_454	0.055	-0.066	0.233	0.418	-0.260	-1.388	0.590	0.644	-0.206	-1.299	0.649	0.708	-0.266	-1.386	1.738	0.922	SM(22:0)	Sphingolipids Sphingomyelin
AL	IL8	id_455	-0.016	-0.097	0.054	0.748	-0.190	-1.344	0.680	0.752	-0.206	-1.365	0.673	0.748	0.077	-0.952	0.739	0.984	SM(22:1)	Sphingolipids Sphingomyelin
AL	IL8	id_456	0.026	-0.051	0.161	0.564	-0.231	-1.480	0.700	0.708	-0.206	-1.441	0.710	0.738	-0.124	-1.145	0.803	0.802	SM(24:0)	Sphingolipids Sphingomyelin
AL	IL8	id_457	-0.002	-0.053	0.051	0.996	-0.203	-1.322	0.664	0.732	-0.206	-1.319	0.663	0.734	0.012	-0.398	0.408	0.938	SM(24:1)	Sphingolipids Sphingomyelin
AL	IL8	id_458	0.025	-0.057	0.166	0.634	-0.231	-1.394	0.695	0.704	-0.206	-1.314	0.689	0.744	-0.121	-0.800	0.561	0.754	SM(26:0)	Sphingolipids Sphingomyelin
AL	IL8	id_459	0.000	-0.025	0.058	0.852	-0.206	-1.444	0.632	0.756	-0.206	-1.440	0.640	0.762	-0.001	-0.420	0.296	0.902	SM(26:1)	Sphingolipids Sphingomyelin
AL	IL8	id_660	0.003	-0.051	0.071	0.946	-0.209	-1.312	0.657	0.742	-0.206	-1.291	0.644	0.742	-0.016	-0.687	0.502	0.864	TAG51:3-FA16:0	Triacylglycerol TAG Ester

AL	IL8	id_663	-0.001	-0.058	0.054	0.848	-0.205	-1.249	0.657	0.744	-0.206	-1.220	0.655	0.742	0.004	-0.585	0.511	0.922	TAG51:3- Triacylglycer FA18:1 ol TAG Ester		
AL	IL8	id_667	0.001	-0.082	0.094	0.996	-0.207	-1.250	0.663	0.728	-0.206	-1.210	0.663	0.716	-0.005	-1.052	0.627	1.000	TAG51:4- Triacylglycer FA16:0 ol TAG Ester		
AL	IL8	id_755	-0.020	-0.179	0.102	0.902	-0.185	-1.204	0.611	0.750	-0.206	-1.313	0.633	0.766	0.098	-0.996	0.783	0.492	TAG53:3- Triacylglycer FA18:0 ol TAG Ester		
AL	IL8	id_760	-0.005	-0.117	0.132	0.984	-0.201	-1.240	0.619	0.738	-0.206	-1.215	0.606	0.738	0.025	-1.135	0.707	0.894	TAG53:4- Triacylglycer FA18:0 ol TAG Ester		
AL	IL8	id_761	-0.009	-0.073	0.034	0.692	-0.197	-1.227	0.705	0.764	-0.206	-1.221	0.686	0.744	0.042	-0.575	0.555	0.888	TAG53:4- Triacylglycer FA18:1 ol TAG Ester		
AL	IL8	id_765	0.006	-0.031	0.073	0.718	-0.212	-1.363	0.612	0.712	-0.206	-1.369	0.624	0.728	-0.029	-0.834	0.387	0.818	TAG53:5- Triacylglycer FA18:1 ol TAG Ester		
AL	IL8	id_766	0.000	-0.052	0.064	0.982	-0.206	-1.275	0.660	0.730	-0.206	-1.260	0.638	0.728	-0.002	-0.441	0.565	0.902	TAG53:5- Triacylglycer FA18:2 ol TAG Ester		
AL	IL8	id_769	-0.033	-0.140	0.032	0.440	-0.173	-1.216	0.664	0.748	-0.206	-1.252	0.631	0.706	0.160	-1.136	1.062	0.870	TAG53:6- Triacylglycer FA18:1 ol TAG Ester		
AL	IL8	id_770	0.007	-0.042	0.098	0.772	-0.213	-1.265	0.675	0.716	-0.206	-1.214	0.689	0.714	-0.034	-0.697	0.356	0.906	TAG53:6- Triacylglycer FA18:2 ol TAG Ester		
AL	IL8	id_771	-0.001	-0.063	0.072	0.962	-0.205	-1.275	0.698	0.782	-0.206	-1.257	0.672	0.780	0.003	-0.661	0.746	0.990	TAG53:6- Triacylglycer FA18:3 ol TAG Ester		
AL	IL8	id_773	-0.012	-0.132	0.070	0.728	-0.194	-1.239	0.593	0.722	-0.206	-1.273	0.599	0.706	0.058	-0.750	0.737	0.894	TAG53:7- Triacylglycer FA18:3 ol TAG Ester		
AL	IL8	id_856	0.000	-0.062	0.071	0.976	-0.206	-1.287	0.626	0.720	-0.206	-1.262	0.623	0.728	0.001	-0.629	0.579	0.984	TAG55:6- Triacylglycer FA18:1 ol TAG Ester		
AL	IL8	id_857	-0.002	-0.067	0.089	0.976	-0.203	-1.356	0.666	0.792	-0.206	-1.308	0.649	0.788	0.012	-0.466	0.332	0.804	TAG55:6- Triacylglycer FA20:3 ol TAG Ester		
AL	IL8	id_860	0.002	-0.063	0.084	0.940	-0.207	-1.359	0.620	0.688	-0.206	-1.344	0.617	0.692	-0.009	-1.089	0.529	0.968	TAG55:7- Triacylglycer FA18:1 ol TAG Ester		
AL	IL8	id_861	-0.050	-0.297	0.144	0.564	-0.155	-1.142	0.657	0.834	-0.206	-1.300	0.639	0.774	0.245	-3.393	2.542	0.826	TAG55:7- Triacylglycer FA20:3 ol TAG Ester		
AL	IL8	id_862	0.019	-0.124	0.193	0.810	-0.225	-1.328	0.671	0.768	-0.206	-1.290	0.686	0.804	-0.093	-1.038	1.450	0.962	TAG55:7- Triacylglycer FA20:4 ol TAG Ester		
AL	IL8	id_864	-0.003	-0.079	0.060	0.986	-0.203	-1.316	0.650	0.754	-0.206	-1.322	0.637	0.752	0.012	-0.527	0.602	0.946	TAG55:8- Triacylglycer FA20:4 ol TAG Ester		
AL	IL8	id_939	-0.025	-0.156	0.113	0.680	-0.180	-1.263	0.624	0.788	-0.206	-1.313	0.626	0.752	0.124	-1.629	1.349	0.824	TAG57:9- Triacylglycer FA22:6 ol TAG Ester		
AL	IL8	id_978	-0.014	-0.096	0.042	0.678	-0.191	-1.275	0.701	0.762	-0.206	-1.241	0.662	0.744	0.069	-0.484	0.482	0.910	Neutral Complex Cholesteryl Total CE Lipids SUM Esters		
AL	IL8	id_979	0.021	-0.059	0.186	0.710	-0.227	-1.338	0.688	0.784	-0.206	-1.266	0.668	0.790	-0.104	-0.834	1.031	0.724	Total Sphingolipid CER SUM Ceramides		

AL	IL8	id_981	0.024	-0.056	0.172	0.592	-0.229	-1.398	0.631	0.704	-0.206	-1.380	0.627	0.732	-0.114	-1.045	0.782	0.796	Total DCER	Sphingolipid SUM	Dihydroceramides
AL	IL8	id_982	-0.006	-0.061	0.065	0.916	-0.199	-1.452	0.648	0.694	-0.206	-1.420	0.633	0.700	0.031	-0.505	0.471	0.984	Total HCER	Sphingolipid SUM	Hexosylceramides
AL	IL8	id_983	0.013	-0.228	0.291	0.938	-0.218	-1.326	0.638	0.734	-0.206	-1.364	0.735	0.764	-0.062	-2.502	1.588	0.898	Total LCER	Sphingolipid SUM	Lactosylceramides
AL	IL8	id_987	-0.023	-0.134	0.064	0.560	-0.182	-1.342	0.689	0.832	-0.206	-1.394	0.696	0.788	0.113	-0.891	1.664	0.840	Total PC	Phospholipid SUM	Phosphatidylcholines
AL	IL8	id_990	0.008	-0.031	0.084	0.760	-0.214	-1.337	0.705	0.788	-0.206	-1.285	0.694	0.800	-0.039	-0.533	0.468	0.724	Total SM	Sphingolipid SUM	Sphingomyelins
AL	IL8	id_039	0.004	-0.042	0.055	0.920	-0.210	-1.278	0.635	0.720	-0.206	-1.271	0.623	0.712	-0.020	-0.494	0.283	0.664	CE(22:1)	Cholesterol Ester	CE Ester
AL	IL8	id_060	0.000	-0.107	0.046	0.848	-0.206	-1.256	0.682	0.732	-0.206	-1.275	0.666	0.712	-0.001	-0.481	0.416	0.996	DAG(12:0/18:1)	Diacylglycerol	DAG Ester
AL	IL8	id_071	0.008	-0.051	0.084	0.722	-0.214	-1.378	0.673	0.758	-0.206	-1.322	0.656	0.768	-0.040	-0.617	0.467	0.878	DAG(14:1/16:0)	Diacylglycerol	DAG Ester
AL	IL8	id_072	-0.033	-0.155	0.081	0.500	-0.173	-1.334	0.712	0.770	-0.206	-1.386	0.680	0.724	0.158	-1.447	1.055	0.840	DAG(14:1/18:1)	Diacylglycerol	DAG Ester
AL	IL8	id_150	0.025	-0.135	0.242	0.784	-0.231	-1.307	0.617	0.726	-0.206	-1.274	0.676	0.774	-0.122	-1.483	1.279	0.974	LCER(24:1)	Sphingolipids	Lactosylceramide
AL	IL8	id_151	-0.003	-0.045	0.038	0.906	-0.203	-1.269	0.639	0.740	-0.206	-1.289	0.628	0.738	0.013	-0.362	0.333	0.960	LCER(26:0)	Sphingolipids	Lactosylceramide
AL	IL8	id_160	0.011	-0.099	0.177	0.806	-0.217	-1.282	0.659	0.676	-0.206	-1.242	0.707	0.698	-0.054	-1.427	0.994	0.996	LPC(18:2)	Lysophosphatidylcholine	LPC Ester
AL	IL8	id_196	0.013	-0.027	0.106	0.536	-0.218	-1.430	0.629	0.716	-0.206	-1.380	0.640	0.744	-0.062	-0.638	0.702	0.836	3)	MAG	Ester
AL	IL8	id_199	0.060	-0.068	0.283	0.394	-0.266	-1.387	0.621	0.666	-0.206	-1.212	0.621	0.722	-0.293	-1.536	1.356	0.764	1)	MAG	Ester
AL	IL8	id_200	0.063	-0.059	0.316	0.438	-0.269	-1.429	0.628	0.650	-0.206	-1.240	0.653	0.694	-0.306	-1.995	1.182	0.768	2)	MAG	Ester
AL	IL8	id_201	0.001	-0.085	0.088	0.972	-0.206	-1.268	0.738	0.754	-0.206	-1.292	0.746	0.748	-0.004	-0.355	0.345	0.980	3)	MAG	Ester
AL	IL8	id_251	-0.001	-0.056	0.047	0.992	-0.205	-1.263	0.693	0.714	-0.206	-1.271	0.693	0.706	0.006	-0.438	0.508	0.998	PC(16:0/22:6)	Phosphatidylcholine	PC Ester
AL	IL8	id_288	-0.143	-0.527	0.021	0.136	-0.063	-0.910	0.720	0.926	-0.206	-1.251	0.621	0.718	0.693	-4.092	2.996	0.694	PC(18:1/22:6)	Phosphatidylcholine	PC Ester
AL	IL8	id_293	-0.026	-0.240	0.157	0.776	-0.179	-1.205	0.680	0.740	-0.206	-1.324	0.678	0.730	0.127	-1.396	1.571	0.846	PC(18:2/20:2)	Phosphatidylcholine	PC Ester
AL	IL8	id_298	-0.109	-0.607	0.210	0.506	-0.097	-0.998	0.718	0.844	-0.206	-1.301	0.649	0.704	0.528	-2.209	4.122	0.678	PC(18:2/22:5)	Phosphatidylcholine	PC Ester
AL	IL8	id_332	-0.005	-0.060	0.063	0.862	-0.200	-1.297	0.684	0.758	-0.206	-1.297	0.683	0.744	0.026	-0.664	0.569	0.906	PE(18:0/18:0)	Phosphatidylethanolamine	PE Ester

AL	IL8	id_359	-0.015	-0.167	0.080	0.822	-0.190	-1.259	0.635	0.730	-0.206	-1.381	0.644	0.730	0.075	-0.606	0.799	0.560	PE(18:2/16:1)	Phosphatidyl ethanolamine	PE Ester
AL	IL8	id_366	-0.006	-0.217	0.147	0.968	-0.200	-1.189	0.586	0.692	-0.206	-1.313	0.662	0.702	0.029	-0.853	0.898	0.606	PE(O-16:0/18:2)	Phosphatidyl ethanolamine	PE Ether
AL	IL8	id_368	-0.010	-0.118	0.108	0.902	-0.195	-1.323	0.674	0.700	-0.206	-1.284	0.672	0.712	0.051	-1.270	1.062	0.902	PE(O-16:0/20:4)	Phosphatidyl ethanolamine	PE Ether
AL	IL8	id_372	-0.005	-0.064	0.040	0.854	-0.201	-1.356	0.691	0.746	-0.206	-1.352	0.672	0.736	0.023	-0.415	0.629	0.974	PE(O-16:0/22:6)	Phosphatidyl ethanolamine	PE Ether
AL	IL8	id_378	-0.016	-0.212	0.180	0.864	-0.189	-1.253	0.680	0.744	-0.206	-1.335	0.691	0.748	0.079	-1.683	1.548	0.884	PE(O-18:0/20:4)	Phosphatidyl ethanolamine	PE Ether
AL	IL8	id_381	0.011	-0.034	0.103	0.662	-0.217	-1.317	0.597	0.690	-0.206	-1.343	0.615	0.708	-0.055	-1.015	0.887	0.974	PE(O-18:0/22:5)	Phosphatidyl ethanolamine	PE Ether
AL	IL8	id_382	-0.001	-0.088	0.082	0.950	-0.205	-1.288	0.626	0.736	-0.206	-1.282	0.635	0.722	0.005	-0.735	0.472	0.964	PE(O-18:0/22:6)	Phosphatidyl ethanolamine	PE Ether
AL	IL8	id_387	0.028	-0.045	0.171	0.546	-0.234	-1.234	0.579	0.702	-0.206	-1.220	0.640	0.742	-0.137	-1.238	1.053	0.928	PE(P-16:0/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	IL8	id_392	-0.037	-0.199	0.130	0.586	-0.169	-1.240	0.709	0.788	-0.206	-1.311	0.712	0.746	0.178	-1.675	1.276	0.840	PE(P-16:0/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	IL8	id_395	0.013	-0.053	0.130	0.692	-0.219	-1.403	0.647	0.750	-0.206	-1.349	0.665	0.762	-0.063	-0.706	1.489	0.814	PE(P-16:0/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	IL8	id_396	0.000	-0.045	0.051	0.962	-0.206	-1.139	0.637	0.744	-0.206	-1.135	0.624	0.742	-0.001	-0.324	0.255	0.872	PE(P-16:0/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	IL8	id_401	-0.011	-0.105	0.057	0.836	-0.195	-1.340	0.652	0.754	-0.206	-1.394	0.648	0.758	0.053	-0.668	0.653	0.746	PE(P-18:0/18:1)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	IL8	id_402	0.035	-0.031	0.182	0.370	-0.241	-1.310	0.602	0.694	-0.206	-1.260	0.730	0.740	-0.172	-1.117	1.346	0.906	PE(P-18:0/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen

AL	IL8	id_406	-0.033	-0.210	0.146	0.664	-0.173	-1.196	0.658	0.786	-0.206	-1.250	0.641	0.750	0.159	-1.511	2.629	0.826	PE(P-18:0/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	IL8	id_409	0.016	-0.030	0.142	0.580	-0.221	-1.346	0.608	0.702	-0.206	-1.299	0.641	0.720	-0.076	-0.848	0.993	0.904	PE(P-18:0/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	IL8	id_410	0.000	-0.060	0.058	0.980	-0.205	-1.292	0.726	0.760	-0.206	-1.246	0.723	0.762	0.001	-0.474	0.362	0.998	PE(P-18:0/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	IL8	id_411	-0.001	-0.073	0.065	0.974	-0.205	-1.374	0.674	0.786	-0.206	-1.395	0.682	0.782	0.003	-0.341	0.591	0.784	PE(P-18:1/16:0)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	IL8	id_415	0.026	-0.070	0.173	0.600	-0.232	-1.234	0.561	0.678	-0.206	-1.275	0.641	0.762	-0.128	-1.256	1.673	0.786	PE(P-18:1/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	IL8	id_419	-0.092	-0.390	0.109	0.324	-0.114	-1.103	0.770	0.878	-0.206	-1.296	0.748	0.768	0.445	-2.213	1.845	0.788	PE(P-18:1/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	IL8	id_421	-0.029	-0.110	0.044	0.426	-0.176	-1.159	0.689	0.810	-0.206	-1.220	0.676	0.778	0.143	-0.837	0.945	0.728	PE(P-18:1/22:4)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	IL8	id_422	0.001	-0.050	0.062	0.910	-0.207	-1.287	0.693	0.706	-0.206	-1.260	0.672	0.704	-0.006	-0.339	0.446	0.778	PE(P-18:1/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	IL8	id_423	-0.002	-0.044	0.043	0.922	-0.204	-1.433	0.642	0.738	-0.206	-1.434	0.637	0.736	0.010	-0.442	0.294	0.970	PE(P-18:1/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	IL8	id_424	0.102	-0.029	0.379	0.218	-0.308	-1.577	0.571	0.638	-0.206	-1.368	0.644	0.722	-0.498	-1.983	2.704	0.732	PE(P-18:2/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	IL8	id_425	-0.051	-0.165	0.038	0.322	-0.155	-1.212	0.689	0.786	-0.206	-1.318	0.665	0.716	0.246	-1.029	1.432	0.746	PE(P-18:2/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	Fasting Insulin	id_023	-0.001	-0.041	0.012	0.898	-0.271	-0.412	-0.125	0.000	-0.271	-0.411	-0.140	0.000	0.002	-0.046	0.170	0.898	CE(15:0)	Cholesterol Ester	CE Ester
CR	Fasting Insulin	id_024	-0.007	-0.053	0.006	0.304	-0.264	-0.411	-0.107	0.000	-0.271	-0.417	-0.127	0.000	0.027	-0.021	0.223	0.304	CE(16:0)	Cholesterol Ester	CE Ester
CR	Fasting Insulin	id_026	-0.007	-0.074	0.008	0.314	-0.264	-0.390	-0.100	0.000	-0.271	-0.406	-0.128	0.000	0.027	-0.024	0.327	0.314	CE(17:0)	Cholesterol Ester	CE Ester
CR	Fasting Insulin	id_027	-0.005	-0.058	0.010	0.500	-0.266	-0.413	-0.117	0.000	-0.271	-0.418	-0.139	0.000	0.018	-0.036	0.242	0.500	CE(18:0)	Cholesterol Ester	CE Ester

CR	Fasting Insulin	id_028	-0.002	-0.041	0.012	0.678	-0.269	-0.414	-0.111	0.000	-0.271	-0.415	-0.125	0.000	0.009	-0.041	0.187	0.678	CE(18:1)	Cholesterol Ester	CE Ester
CR	Fasting Insulin	id_029	-0.008	-0.063	0.006	0.276	-0.263	-0.392	-0.101	0.002	-0.271	-0.400	-0.126	0.002	0.030	-0.022	0.274	0.278	CE(18:2)	Cholesterol Ester	CE Ester
CR	Fasting Insulin	id_033	0.003	-0.010	0.014	0.568	-0.274	-0.426	-0.125	0.000	-0.271	-0.421	-0.123	0.000	-0.011	-0.054	0.044	0.568	CE(20:1)	Cholesterol Ester	CE Ester
CR	Fasting Insulin	id_034	-0.015	-0.099	0.001	0.076	-0.257	-0.401	-0.074	0.014	-0.271	-0.418	-0.120	0.000	0.054	-0.005	0.505	0.076	CE(20:2)	Cholesterol Ester	CE Ester
CR	Fasting Insulin	id_035	-0.014	-0.106	0.004	0.114	-0.257	-0.393	-0.078	0.004	-0.271	-0.403	-0.128	0.000	0.053	-0.011	0.508	0.114	CE(20:3)	Cholesterol Ester	CE Ester
CR	Fasting Insulin	id_036	-0.016	-0.062	0.002	0.100	-0.255	-0.388	-0.105	0.002	-0.271	-0.408	-0.122	0.000	0.059	-0.006	0.253	0.100	CE(20:4)	Cholesterol Ester	CE Ester
CR	Fasting Insulin	id_041	-0.012	-0.060	0.006	0.176	-0.260	-0.407	-0.102	0.004	-0.271	-0.416	-0.124	0.000	0.044	-0.020	0.238	0.176	CE(22:4)	Cholesterol Ester	CE Ester
CR	Fasting Insulin	id_042	-0.008	-0.040	0.006	0.298	-0.264	-0.403	-0.116	0.000	-0.271	-0.410	-0.129	0.000	0.029	-0.022	0.170	0.298	CE(22:5)	Cholesterol Ester	CE Ester
CR	Fasting Insulin	id_043	0.000	-0.008	0.010	0.898	-0.272	-0.414	-0.121	0.000	-0.271	-0.413	-0.121	0.000	-0.001	-0.041	0.039	0.898	CE(22:6)	Cholesterol Ester	CE Ester
CR	Fasting Insulin	id_044	0.001	-0.005	0.014	0.788	-0.272	-0.420	-0.136	0.000	-0.271	-0.416	-0.133	0.000	-0.004	-0.054	0.022	0.788	CE(24:0)	Cholesterol Ester	CE Ester
CR	Fasting Insulin	id_045	0.001	-0.008	0.012	0.692	-0.273	-0.414	-0.137	0.000	-0.271	-0.414	-0.136	0.000	-0.004	-0.047	0.035	0.692	CE(24:1)	Cholesterol Ester	CE Ester
CR	Fasting Insulin	id_046	-0.004	-0.064	0.015	0.624	-0.268	-0.399	-0.115	0.000	-0.271	-0.406	-0.132	0.000	0.015	-0.056	0.243	0.624	CER(14:0)	Phospholipid s	Ceramide
CR	Fasting Insulin	id_047	-0.002	-0.043	0.010	0.674	-0.269	-0.409	-0.112	0.000	-0.271	-0.418	-0.122	0.000	0.009	-0.038	0.176	0.674	CER(16:0)	Phospholipid s	Ceramide
CR	Fasting Insulin	id_048	-0.021	-0.116	0.005	0.142	-0.251	-0.398	-0.088	0.002	-0.271	-0.417	-0.132	0.000	0.076	-0.020	0.469	0.142	CER(18:0)	Phospholipid s	Ceramide
CR	Fasting Insulin	id_049	-0.007	-0.068	0.010	0.394	-0.265	-0.394	-0.102	0.000	-0.271	-0.409	-0.128	0.000	0.025	-0.033	0.320	0.394	CER(18:1)	Phospholipid s	Ceramide
CR	Fasting Insulin	id_050	-0.003	-0.065	0.017	0.698	-0.268	-0.410	-0.106	0.000	-0.271	-0.408	-0.133	0.000	0.012	-0.066	0.283	0.698	CER(20:0)	Phospholipid s	Ceramide
CR	Fasting Insulin	id_051	-0.012	-0.071	0.003	0.130	-0.259	-0.395	-0.113	0.002	-0.271	-0.410	-0.133	0.002	0.045	-0.012	0.279	0.132	CER(20:1)	Phospholipid s	Ceramide
CR	Fasting Insulin	id_052	-0.002	-0.056	0.016	0.798	-0.269	-0.404	-0.119	0.002	-0.271	-0.408	-0.134	0.000	0.009	-0.056	0.245	0.798	CER(22:0)	Phospholipid s	Ceramide
CR	Fasting Insulin	id_053	-0.022	-0.142	0.002	0.082	-0.250	-0.384	-0.060	0.008	-0.271	-0.420	-0.122	0.000	0.081	-0.005	0.632	0.082	CER(22:1)	Phospholipid s	Ceramide
CR	Fasting Insulin	id_054	-0.001	-0.039	0.016	0.890	-0.270	-0.412	-0.102	0.000	-0.271	-0.413	-0.115	0.000	0.004	-0.062	0.189	0.890	CER(24:0)	Phospholipid s	Ceramide

CR	Fasting Insulin	id_055	-0.006	-0.038	0.009	0.450	-0.266	-0.415	-0.107	0.000	-0.271	-0.416	-0.131	0.000	0.022	-0.032	0.174	0.450	CER(24:1 Sphingolipids	Ceramide
CR	Fasting Insulin	id_057	-0.006	-0.027	0.009	0.436	-0.266	-0.398	-0.125	0.000	-0.271	-0.403	-0.133	0.000	0.021	-0.032	0.114	0.436	CER(26:1 Sphingolipids	Ceramide
CR	Fasting Insulin	id_116	0.000	-0.028	0.022	0.962	-0.271	-0.418	-0.126	0.002	-0.271	-0.413	-0.130	0.002	0.000	-0.076	0.128	0.964 :0)	DCER(14 Sphingolipids	Dihydroceramide
CR	Fasting Insulin	id_117	-0.004	-0.034	0.008	0.470	-0.267	-0.413	-0.116	0.000	-0.271	-0.417	-0.126	0.000	0.016	-0.028	0.153	0.470 :0)	DCER(16 Sphingolipids	Dihydroceramide
CR	Fasting Insulin	id_118	-0.004	-0.027	0.009	0.478	-0.267	-0.399	-0.116	0.000	-0.271	-0.406	-0.121	0.000	0.016	-0.033	0.109	0.478 :0)	DCER(18 Sphingolipids	Dihydroceramide
CR	Fasting Insulin	id_119	-0.002	-0.013	0.014	0.918	-0.270	-0.417	-0.122	0.000	-0.271	-0.417	-0.123	0.000	0.007	-0.054	0.050	0.918 :1)	DCER(18 Sphingolipids	Dihydroceramide
CR	Fasting Insulin	id_120	-0.003	-0.047	0.009	0.548	-0.268	-0.400	-0.111	0.000	-0.271	-0.405	-0.121	0.000	0.012	-0.030	0.205	0.548 :0)	DCER(20 Sphingolipids	Dihydroceramide
CR	Fasting Insulin	id_121	-0.006	-0.035	0.012	0.372	-0.266	-0.408	-0.114	0.002	-0.271	-0.412	-0.124	0.002	0.020	-0.049	0.160	0.374 :1)	DCER(20 Sphingolipids	Dihydroceramide
CR	Fasting Insulin	id_122	-0.006	-0.079	0.011	0.460	-0.265	-0.403	-0.099	0.000	-0.271	-0.417	-0.118	0.000	0.024	-0.040	0.336	0.460 :0)	DCER(22 Sphingolipids	Dihydroceramide
CR	Fasting Insulin	id_123	0.000	-0.030	0.009	0.978	-0.272	-0.403	-0.124	0.000	-0.271	-0.401	-0.131	0.000	-0.001	-0.032	0.121	0.978 :1)	DCER(22 Sphingolipids	Dihydroceramide
CR	Fasting Insulin	id_124	-0.007	-0.046	0.007	0.328	-0.264	-0.403	-0.109	0.000	-0.271	-0.419	-0.126	0.000	0.027	-0.027	0.205	0.328 :2)	DCER(22 Sphingolipids	Dihydroceramide
CR	Fasting Insulin	id_125	-0.001	-0.040	0.014	0.874	-0.271	-0.415	-0.120	0.000	-0.271	-0.414	-0.124	0.000	0.002	-0.050	0.163	0.874 :0)	DCER(24 Sphingolipids	Dihydroceramide
CR	Fasting Insulin	id_126	-0.002	-0.047	0.007	0.562	-0.269	-0.407	-0.111	0.002	-0.271	-0.413	-0.122	0.002	0.008	-0.027	0.185	0.564 :1)	DCER(24 Sphingolipids	Dihydroceramide
CR	Fasting Insulin	id_128	0.000	-0.008	0.015	0.848	-0.271	-0.407	-0.123	0.000	-0.271	-0.407	-0.122	0.000	0.001	-0.063	0.036	0.848 :1)	DCER(26 Sphingolipids	Dihydroceramide
CR	Fasting Insulin	id_129	0.004	-0.012	0.020	0.554	-0.276	-0.409	-0.123	0.000	-0.271	-0.407	-0.119	0.000	-0.015	-0.104	0.046	0.554 :0)	HCER(14 Sphingolipids	Hexosylceramide
CR	Fasting Insulin	id_130	-0.002	-0.027	0.011	0.706	-0.269	-0.410	-0.119	0.000	-0.271	-0.414	-0.123	0.000	0.008	-0.040	0.109	0.706 :0)	HCER(16 Sphingolipids	Hexosylceramide
CR	Fasting Insulin	id_131	0.003	-0.007	0.014	0.440	-0.275	-0.424	-0.119	0.000	-0.271	-0.420	-0.117	0.000	-0.012	-0.061	0.031	0.440 :0)	HCER(18 Sphingolipids	Hexosylceramide
CR	Fasting Insulin	id_132	-0.004	-0.047	0.010	0.568	-0.267	-0.408	-0.104	0.000	-0.271	-0.417	-0.122	0.000	0.016	-0.037	0.198	0.568 :1)	HCER(18 Sphingolipids	Hexosylceramide
CR	Fasting Insulin	id_133	0.003	-0.007	0.012	0.524	-0.274	-0.414	-0.132	0.000	-0.271	-0.410	-0.129	0.000	-0.009	-0.049	0.030	0.524 :0)	HCER(20 Sphingolipids	Hexosylceramide
CR	Fasting Insulin	id_134	-0.006	-0.044	0.009	0.392	-0.266	-0.406	-0.109	0.000	-0.271	-0.415	-0.122	0.000	0.022	-0.032	0.164	0.392 :1)	HCER(20 Sphingolipids	Hexosylceramide

CR	Fasting Insulin	id_135	0.004	-0.016	0.016	0.518	-0.276	-0.418	-0.119	0.000	-0.271	-0.415	-0.114	0.000	-0.015	-0.072	0.057	0.518	HCER(22:0)	Sphingolipids	Hexosylceramide
CR	Fasting Insulin	id_136	-0.015	-0.057	0.003	0.104	-0.257	-0.404	-0.124	0.002	-0.271	-0.413	-0.145	0.000	0.054	-0.008	0.224	0.104	HCER(22:1)	Sphingolipids	Hexosylceramide
CR	Fasting Insulin	id_137	0.004	-0.008	0.017	0.514	-0.276	-0.418	-0.143	0.000	-0.271	-0.415	-0.140	0.000	-0.016	-0.070	0.033	0.514	HCER(24:0)	Sphingolipids	Hexosylceramide
CR	Fasting Insulin	id_138	0.000	-0.011	0.011	0.840	-0.272	-0.405	-0.120	0.000	-0.271	-0.403	-0.117	0.000	-0.001	-0.044	0.045	0.840	HCER(24:1)	Sphingolipids	Hexosylceramide
CR	Fasting Insulin	id_139	0.002	-0.011	0.011	0.630	-0.273	-0.412	-0.125	0.000	-0.271	-0.405	-0.127	0.000	-0.007	-0.045	0.037	0.630	HCER(26:0)	Sphingolipids	Hexosylceramide
CR	Fasting Insulin	id_141	0.001	-0.031	0.022	0.992	-0.272	-0.406	-0.119	0.002	-0.271	-0.408	-0.121	0.002	-0.003	-0.117	0.133	0.994	LCER(14:0)	Sphingolipids	Lactosylceramide
CR	Fasting Insulin	id_142	-0.008	-0.039	0.007	0.328	-0.264	-0.402	-0.113	0.002	-0.271	-0.414	-0.125	0.002	0.028	-0.030	0.158	0.330	LCER(16:0)	Sphingolipids	Lactosylceramide
CR	Fasting Insulin	id_144	0.002	-0.008	0.013	0.630	-0.274	-0.403	-0.128	0.000	-0.271	-0.398	-0.126	0.000	-0.008	-0.054	0.034	0.630	LCER(18:1)	Sphingolipids	Lactosylceramide
CR	Fasting Insulin	id_145	0.005	-0.006	0.027	0.416	-0.277	-0.409	-0.145	0.000	-0.271	-0.407	-0.144	0.000	-0.019	-0.105	0.023	0.416	LCER(20:0)	Sphingolipids	Lactosylceramide
CR	Fasting Insulin	id_146	0.002	-0.010	0.014	0.736	-0.273	-0.418	-0.127	0.000	-0.271	-0.416	-0.128	0.000	-0.006	-0.051	0.044	0.736	LCER(20:1)	Sphingolipids	Lactosylceramide
CR	Fasting Insulin	id_147	0.007	-0.013	0.031	0.530	-0.278	-0.424	-0.136	0.000	-0.271	-0.419	-0.128	0.000	-0.025	-0.148	0.053	0.530	LCER(22:0)	Sphingolipids	Lactosylceramide
CR	Fasting Insulin	id_148	-0.001	-0.017	0.011	0.882	-0.270	-0.408	-0.112	0.000	-0.271	-0.410	-0.106	0.000	0.004	-0.047	0.062	0.882	LCER(22:1)	Sphingolipids	Lactosylceramide
CR	Fasting Insulin	id_149	-0.010	-0.049	0.018	0.466	-0.262	-0.396	-0.115	0.000	-0.271	-0.407	-0.126	0.000	0.036	-0.086	0.233	0.466	LCER(24:0)	Sphingolipids	Lactosylceramide
CR	Fasting Insulin	id_152	0.002	-0.018	0.017	0.854	-0.273	-0.409	-0.124	0.000	-0.271	-0.408	-0.125	0.000	-0.006	-0.082	0.072	0.854	LCER(26:1)	Sphingolipids	Lactosylceramide
CR	Fasting Insulin	id_154	0.005	-0.023	0.021	0.440	-0.276	-0.427	-0.126	0.000	-0.271	-0.415	-0.123	0.000	-0.017	-0.087	0.092	0.440	LPC(15:0)	Lysophosphatidylcholine	LPC Ester
CR	Fasting Insulin	id_157	0.007	-0.008	0.022	0.254	-0.279	-0.415	-0.138	0.000	-0.271	-0.408	-0.131	0.000	-0.027	-0.100	0.034	0.254	LPC(17:0)	Lysophosphatidylcholine	LPC Ester
CR	Fasting Insulin	id_170	-0.001	-0.033	0.018	0.918	-0.271	-0.410	-0.114	0.006	-0.271	-0.413	-0.118	0.004	0.002	-0.081	0.136	0.914	LPC(22:6)	Lysophosphatidylcholine	LPC Ester
CR	Fasting Insulin	id_181	0.000	-0.025	0.015	0.920	-0.271	-0.415	-0.120	0.002	-0.271	-0.408	-0.128	0.002	0.002	-0.052	0.107	0.918	LPE(20:4)	Lysophosphatidylethanolamine	LPE Ester

CR	Fasting Insulin	id_186	-0.005	-0.022	0.019	0.548	-0.266	-0.410	-0.125	0.000	-0.271	-0.409	-0.122	0.000	0.019	-0.076	0.090	0.548	MAG(12:0)	MAG	Ester
CR	Fasting Insulin	id_188	0.000	-0.005	0.017	0.688	-0.271	-0.411	-0.136	0.004	-0.271	-0.408	-0.134	0.002	0.000	-0.073	0.024	0.690	MAG(14:1)	MAG	Ester
CR	Fasting Insulin	id_189	0.000	-0.009	0.015	0.900	-0.271	-0.417	-0.139	0.000	-0.271	-0.417	-0.140	0.000	0.002	-0.061	0.043	0.900	MAG(15:0)	MAG	Ester
CR	Fasting Insulin	id_195	-0.004	-0.030	0.010	0.528	-0.268	-0.402	-0.118	0.000	-0.271	-0.407	-0.121	0.000	0.014	-0.040	0.125	0.528	MAG(18:2)	MAG	Ester
CR	Fasting Insulin	id_203	0.000	-0.009	0.022	0.650	-0.272	-0.416	-0.125	0.000	-0.271	-0.413	-0.122	0.000	0.000	-0.100	0.039	0.650	MAG(20:5)	MAG	Ester
CR	Fasting Insulin	id_204	-0.005	-0.028	0.013	0.468	-0.267	-0.406	-0.120	0.000	-0.271	-0.407	-0.122	0.000	0.017	-0.055	0.116	0.468	MAG(22:0)	MAG	Ester
CR	Fasting Insulin	id_205	0.000	-0.019	0.015	0.782	-0.272	-0.416	-0.138	0.000	-0.271	-0.411	-0.137	0.000	0.000	-0.060	0.080	0.782	MAG(22:1)	MAG	Ester
CR	Fasting Insulin	id_208	-0.001	-0.014	0.010	0.886	-0.270	-0.411	-0.117	0.000	-0.271	-0.410	-0.119	0.000	0.004	-0.035	0.062	0.886	MAG(22:5)	MAG	Ester
CR	Fasting Insulin	id_209	-0.001	-0.007	0.021	0.904	-0.271	-0.417	-0.133	0.000	-0.271	-0.413	-0.130	0.000	0.003	-0.090	0.030	0.904	MAG(22:6)	MAG	Ester
CR	Fasting Insulin	id_228	-0.015	-0.061	0.000	0.052	-0.256	-0.388	-0.106	0.000	-0.271	-0.408	-0.121	0.000	0.057	0.000	0.243	0.052	PC(15:0/18:2)	Phosphatidyl choline	PC Ester
CR	Fasting Insulin	id_230	-0.004	-0.024	0.009	0.554	-0.267	-0.407	-0.123	0.000	-0.271	-0.405	-0.125	0.000	0.016	-0.032	0.107	0.554	PC(15:0/20:4)	Phosphatidyl choline	PC Ester
CR	Fasting Insulin	id_241	-0.010	-0.040	0.004	0.158	-0.262	-0.401	-0.112	0.002	-0.271	-0.415	-0.118	0.002	0.036	-0.012	0.170	0.160	PC(16:0/18:2)	Phosphatidyl choline	PC Ester
CR	Fasting Insulin	id_254	-0.003	-0.035	0.009	0.560	-0.268	-0.414	-0.105	0.000	-0.271	-0.419	-0.111	0.000	0.012	-0.030	0.144	0.560	PC(17:0/18:2)	Phosphatidyl choline	PC Ester
CR	Fasting Insulin	id_257	-0.002	-0.026	0.015	0.818	-0.269	-0.405	-0.127	0.000	-0.271	-0.405	-0.127	0.000	0.008	-0.061	0.118	0.818	PC(17:0/20:4)	Phosphatidyl choline	PC Ester
CR	Fasting Insulin	id_272	-0.010	-0.048	0.011	0.384	-0.262	-0.419	-0.115	0.000	-0.271	-0.420	-0.135	0.000	0.036	-0.036	0.262	0.384	PC(18:0/20:4)	Phosphatidyl choline	PC Ester
CR	Fasting Insulin	id_279	0.001	-0.013	0.011	0.734	-0.273	-0.421	-0.123	0.002	-0.271	-0.420	-0.132	0.002	-0.004	-0.044	0.050	0.732	PC(18:1/18:2)	Phosphatidyl choline	PC Ester
CR	Fasting Insulin	id_283	-0.012	-0.094	0.007	0.276	-0.259	-0.405	-0.093	0.002	-0.271	-0.411	-0.135	0.002	0.046	-0.024	0.445	0.278	PC(18:1/20:3)	Phosphatidyl choline	PC Ester
CR	Fasting Insulin	id_284	-0.010	-0.040	0.008	0.254	-0.261	-0.404	-0.112	0.000	-0.271	-0.408	-0.127	0.000	0.037	-0.030	0.194	0.254	PC(18:1/20:4)	Phosphatidyl choline	PC Ester
CR	Fasting Insulin	id_289	-0.016	-0.071	0.003	0.084	-0.256	-0.390	-0.106	0.000	-0.271	-0.407	-0.136	0.000	0.059	-0.007	0.307	0.084	PC(18:2/16:1)	Phosphatidyl choline	PC Ester
CR	Fasting Insulin	id_354	0.001	-0.037	0.018	0.968	-0.273	-0.416	-0.121	0.000	-0.271	-0.419	-0.122	0.002	-0.005	-0.082	0.154	0.970	PE(18:1/22:0)	Phosphatidyl ethanolamine	PE Ester

CR	Fasting Insulin	id_386	-0.007	-0.037	0.012	0.490	-0.264	-0.405	-0.110	0.000	-0.271	-0.415	-0.123	0.000	0.026	-0.048	0.172	0.490	PE(P-16:0/18:1) Phosphatidyl ethanolamine	Plasmalogen PE
CR	Fasting Insulin	id_398	-0.001	-0.032	0.016	0.938	-0.270	-0.416	-0.124	0.000	-0.271	-0.414	-0.130	0.000	0.004	-0.066	0.129	0.938	PE(P-18:0/16:0) Phosphatidyl ethanolamine	Plasmalogen PE
CR	Fasting Insulin	id_405	-0.009	-0.062	0.012	0.438	-0.263	-0.409	-0.099	0.000	-0.271	-0.418	-0.121	0.000	0.032	-0.043	0.260	0.438	PE(P-18:0/20:3) Phosphatidyl ethanolamine	Plasmalogen PE
CR	Fasting Insulin	id_414	0.000	-0.019	0.021	0.988	-0.272	-0.411	-0.127	0.000	-0.271	-0.411	-0.129	0.000	0.000	-0.083	0.088	0.988	PE(P-18:1/18:1) Phosphatidyl ethanolamine	Plasmalogen PE
CR	Fasting Insulin	id_448	-0.004	-0.066	0.013	0.620	-0.267	-0.394	-0.107	0.000	-0.271	-0.408	-0.126	0.000	0.016	-0.048	0.277	0.620	SM(14:0) Sphingolipids	Sphingomyelin
CR	Fasting Insulin	id_449	0.001	-0.019	0.012	0.816	-0.272	-0.410	-0.115	0.000	-0.271	-0.411	-0.114	0.000	-0.003	-0.045	0.080	0.816	SM(16:0) Sphingolipids	Sphingomyelin
CR	Fasting Insulin	id_450	-0.011	-0.074	0.006	0.234	-0.261	-0.398	-0.100	0.002	-0.271	-0.407	-0.119	0.000	0.039	-0.021	0.331	0.234	SM(18:0) Sphingolipids	Sphingomyelin
CR	Fasting Insulin	id_451	-0.008	-0.064	0.010	0.406	-0.263	-0.400	-0.104	0.002	-0.271	-0.417	-0.124	0.000	0.031	-0.040	0.284	0.406	SM(18:1) Sphingolipids	Sphingomyelin
CR	Fasting Insulin	id_452	-0.008	-0.071	0.010	0.374	-0.263	-0.398	-0.102	0.006	-0.271	-0.406	-0.128	0.002	0.030	-0.040	0.295	0.376	SM(20:0) Sphingolipids	Sphingomyelin
CR	Fasting Insulin	id_453	-0.008	-0.056	0.011	0.402	-0.264	-0.400	-0.106	0.002	-0.271	-0.417	-0.125	0.002	0.028	-0.039	0.257	0.404	SM(20:1) Sphingolipids	Sphingomyelin
CR	Fasting Insulin	id_454	-0.008	-0.078	0.008	0.352	-0.264	-0.395	-0.107	0.002	-0.271	-0.411	-0.130	0.000	0.028	-0.030	0.315	0.352	SM(22:0) Sphingolipids	Sphingomyelin
CR	Fasting Insulin	id_455	-0.006	-0.067	0.010	0.468	-0.266	-0.408	-0.103	0.000	-0.271	-0.414	-0.131	0.000	0.020	-0.033	0.276	0.468	SM(22:1) Sphingolipids	Sphingomyelin
CR	Fasting Insulin	id_456	-0.008	-0.046	0.006	0.252	-0.264	-0.404	-0.115	0.000	-0.271	-0.418	-0.131	0.000	0.029	-0.019	0.222	0.252	SM(24:0) Sphingolipids	Sphingomyelin
CR	Fasting Insulin	id_457	-0.004	-0.021	0.014	0.670	-0.268	-0.400	-0.117	0.000	-0.271	-0.400	-0.120	0.000	0.014	-0.055	0.086	0.670	SM(24:1) Sphingolipids	Sphingomyelin
CR	Fasting Insulin	id_458	0.003	-0.019	0.016	0.582	-0.275	-0.421	-0.128	0.002	-0.271	-0.415	-0.130	0.000	-0.011	-0.066	0.073	0.582	SM(26:0) Sphingolipids	Sphingomyelin
CR	Fasting Insulin	id_459	0.000	-0.006	0.012	0.654	-0.272	-0.417	-0.131	0.000	-0.271	-0.416	-0.126	0.000	-0.002	-0.051	0.025	0.654	SM(26:1) Sphingolipids	Sphingomyelin
CR	Fasting Insulin	id_660	-0.015	-0.189	0.001	0.078	-0.256	-0.393	-0.016	0.032	-0.271	-0.416	-0.132	0.000	0.055	-0.005	0.892	0.078	TAG51:3-FA16:0 Triacylglycerol	TAG Ester
CR	Fasting Insulin	id_663	-0.021	-0.163	-0.001	0.038	-0.250	-0.395	-0.040	0.006	-0.271	-0.412	-0.127	0.000	0.078	0.002	0.724	0.038	TAG51:3-FA18:1 Triacylglycerol	TAG Ester

CR	Fasting Insulin	id_667	-0.016	-0.180	0.000	0.054	-0.255	-0.385	-0.038	0.020	-0.271	-0.407	-0.133	0.000	0.060	-0.001	0.800	0.054	TAG51:4- Triacylglycer		
																		0.054	FA16:0	ol	TAG Ester
CR	Fasting Insulin	id_755	0.001	-0.036	0.009	0.738	-0.273	-0.408	-0.121	0.000	-0.271	-0.415	-0.122	0.000	-0.004	-0.040	0.141	0.738	TAG53:3- Triacylglycer		
																		0.738	FA18:0	ol	TAG Ester
CR	Fasting Insulin	id_760	0.001	-0.055	0.009	0.932	-0.272	-0.403	-0.130	0.000	-0.271	-0.413	-0.137	0.000	-0.003	-0.031	0.213	0.932	TAG53:4- Triacylglycer		
																		0.932	FA18:0	ol	TAG Ester
CR	Fasting Insulin	id_761	-0.003	-0.135	0.006	0.440	-0.268	-0.402	-0.067	0.012	-0.271	-0.415	-0.117	0.000	0.013	-0.019	0.635	0.440	TAG53:4- Triacylglycer		
																		0.440	FA18:1	ol	TAG Ester
CR	Fasting Insulin	id_765	0.001	-0.036	0.010	0.810	-0.272	-0.414	-0.116	0.002	-0.271	-0.414	-0.121	0.002	-0.003	-0.039	0.154	0.808	TAG53:5- Triacylglycer		
																		0.808	FA18:1	ol	TAG Ester
CR	Fasting Insulin	id_766	-0.002	-0.101	0.006	0.494	-0.269	-0.395	-0.082	0.008	-0.271	-0.402	-0.119	0.000	0.009	-0.022	0.437	0.494	TAG53:5- Triacylglycer		
																		0.494	FA18:2	ol	TAG Ester
CR	Fasting Insulin	id_769	0.002	-0.006	0.014	0.310	-0.273	-0.409	-0.127	0.000	-0.271	-0.404	-0.125	0.000	-0.007	-0.057	0.026	0.310	TAG53:6- Triacylglycer		
																		0.310	FA18:1	ol	TAG Ester
CR	Fasting Insulin	id_770	-0.004	-0.080	0.006	0.378	-0.268	-0.398	-0.106	0.000	-0.271	-0.408	-0.126	0.000	0.014	-0.019	0.310	0.378	TAG53:6- Triacylglycer		
																		0.378	FA18:2	ol	TAG Ester
CR	Fasting Insulin	id_771	-0.001	-0.073	0.009	0.726	-0.271	-0.403	-0.103	0.004	-0.271	-0.412	-0.115	0.004	0.003	-0.029	0.267	0.730	TAG53:6- Triacylglycer		
																		0.730	FA18:3	ol	TAG Ester
CR	Fasting Insulin	id_773	-0.002	-0.054	0.007	0.604	-0.269	-0.399	-0.118	0.000	-0.271	-0.409	-0.120	0.000	0.008	-0.025	0.221	0.604	TAG53:7- Triacylglycer		
																		0.604	FA18:3	ol	TAG Ester
CR	Fasting Insulin	id_856	0.000	-0.045	0.009	0.956	-0.271	-0.408	-0.121	0.002	-0.271	-0.410	-0.128	0.002	0.000	-0.032	0.172	0.958	TAG55:6- Triacylglycer		
																		0.958	FA18:1	ol	TAG Ester
CR	Fasting Insulin	id_857	0.001	-0.024	0.013	0.638	-0.272	-0.408	-0.116	0.000	-0.271	-0.404	-0.117	0.000	-0.002	-0.055	0.093	0.638	TAG55:6- Triacylglycer		
																		0.638	FA20:3	ol	TAG Ester
CR	Fasting Insulin	id_860	-0.007	-0.099	0.005	0.254	-0.265	-0.402	-0.089	0.000	-0.271	-0.409	-0.125	0.000	0.025	-0.016	0.409	0.254	TAG55:7- Triacylglycer		
																		0.254	FA18:1	ol	TAG Ester
CR	Fasting Insulin	id_861	0.002	-0.012	0.010	0.478	-0.274	-0.410	-0.114	0.000	-0.271	-0.408	-0.114	0.000	-0.008	-0.037	0.046	0.478	TAG55:7- Triacylglycer		
																		0.478	FA20:3	ol	TAG Ester
CR	Fasting Insulin	id_862	0.001	-0.016	0.012	0.480	-0.273	-0.420	-0.124	0.000	-0.271	-0.419	-0.123	0.002	-0.005	-0.048	0.065	0.482	TAG55:7- Triacylglycer		
																		0.482	FA20:4	ol	TAG Ester
CR	Fasting Insulin	id_864	-0.001	-0.045	0.013	0.836	-0.271	-0.407	-0.131	0.002	-0.271	-0.410	-0.137	0.002	0.003	-0.052	0.163	0.838	TAG55:8- Triacylglycer		
																		0.838	FA20:4	ol	TAG Ester
CR	Fasting Insulin	id_939	0.001	-0.004	0.019	0.208	-0.273	-0.421	-0.133	0.002	-0.271	-0.415	-0.130	0.002	-0.005	-0.081	0.015	0.206	TAG57:9- Triacylglycer		
																		0.206	FA22:6	ol	TAG Ester
CR	Fasting Insulin	id_978	-0.008	-0.066	0.007	0.266	-0.263	-0.398	-0.090	0.000	-0.271	-0.407	-0.118	0.000	0.031	-0.023	0.325	0.266	Neutral Complex		
																		0.266	Total CE	Lipids SUM	Cholesteryl Esters
CR	Fasting Insulin	id_979	-0.003	-0.055	0.013	0.704	-0.269	-0.407	-0.118	0.000	-0.271	-0.409	-0.137	0.000	0.010	-0.050	0.217	0.704	Total Sphingolipid		
																		0.704	CER	SUM	Ceramides
CR	Fasting Insulin	id_981	-0.002	-0.062	0.011	0.678	-0.270	-0.403	-0.113	0.000	-0.271	-0.410	-0.127	0.000	0.007	-0.042	0.254	0.678	Total Sphingolipid		
																		0.678	DCER	SUM	Dihydroceramides

CR	Fasting Insulin	id_982	0.002	-0.009	0.013	0.604	-0.274	-0.425	-0.115	0.002	-0.271	-0.419	-0.116	0.000	-0.008	-0.052	0.036	0.604	Total HCER	Sphingolipid SUM	Hexosylceramides
CR	Fasting Insulin	id_983	-0.006	-0.037	0.010	0.516	-0.266	-0.406	-0.122	0.000	-0.271	-0.415	-0.135	0.000	0.020	-0.040	0.164	0.516	Total LCER	Sphingolipid SUM	Lactosylceramides
CR	Fasting Insulin	id_987	-0.011	-0.061	0.004	0.144	-0.260	-0.397	-0.102	0.000	-0.271	-0.409	-0.121	0.000	0.041	-0.012	0.280	0.144	Total PC	Phospholipid SUM	Phosphatidylcholines
CR	Fasting Insulin	id_990	-0.004	-0.054	0.009	0.526	-0.268	-0.406	-0.111	0.000	-0.271	-0.411	-0.132	0.000	0.013	-0.031	0.261	0.526	Total SM	Sphingolipid SUM	Sphingomyelins
CR	Fasting Insulin	id_039	0.000	-0.007	0.008	0.954	-0.272	-0.412	-0.123	0.002	-0.271	-0.415	-0.127	0.002	0.000	-0.032	0.032	0.952	CE(22:1)	Cholesterol Ester	CE Ester
CR	Fasting Insulin	id_060	0.000	-0.062	0.017	0.978	-0.272	-0.419	-0.102	0.000	-0.271	-0.417	-0.108	0.000	-0.001	-0.075	0.247	0.978	DAG(12:0/18:1)	Diacylglycerol	DAG Ester
CR	Fasting Insulin	id_071	-0.014	-0.051	0.010	0.242	-0.258	-0.403	-0.111	0.000	-0.271	-0.412	-0.130	0.000	0.050	-0.036	0.228	0.242	DAG(14:1/16:0)	Diacylglycerol	DAG Ester
CR	Fasting Insulin	id_072	0.000	-0.007	0.014	0.850	-0.271	-0.414	-0.126	0.000	-0.271	-0.414	-0.128	0.000	0.000	-0.058	0.031	0.850	DAG(14:1/18:1)	Diacylglycerol	DAG Ester
CR	Fasting Insulin	id_150	-0.021	-0.053	0.001	0.068	-0.251	-0.397	-0.101	0.000	-0.271	-0.415	-0.126	0.000	0.076	-0.005	0.234	0.068	LCER(24:1)	Sphingolipids	Lactosylceramide
CR	Fasting Insulin	id_151	-0.006	-0.033	0.013	0.558	-0.266	-0.406	-0.126	0.000	-0.271	-0.409	-0.129	0.000	0.021	-0.053	0.138	0.558	LCER(26:0)	Sphingolipids	Lactosylceramide
CR	Fasting Insulin	id_160	0.004	-0.023	0.017	0.664	-0.275	-0.416	-0.130	0.000	-0.271	-0.413	-0.131	0.000	-0.013	-0.081	0.099	0.664	LPC(18:2)	Lysophosphatidylcholine	LPC Ester
CR	Fasting Insulin	id_196	-0.008	-0.052	0.005	0.236	-0.263	-0.394	-0.123	0.000	-0.271	-0.405	-0.138	0.000	0.030	-0.016	0.203	0.236	MAG(18:3)	MAG	Ester
CR	Fasting Insulin	id_199	-0.001	-0.014	0.010	0.994	-0.271	-0.411	-0.138	0.000	-0.271	-0.407	-0.140	0.000	0.003	-0.041	0.060	0.994	MAG(20:1)	MAG	Ester
CR	Fasting Insulin	id_200	-0.001	-0.016	0.013	0.916	-0.271	-0.416	-0.122	0.000	-0.271	-0.411	-0.126	0.000	0.002	-0.048	0.067	0.916	MAG(20:2)	MAG	Ester
CR	Fasting Insulin	id_201	-0.003	-0.026	0.011	0.692	-0.269	-0.409	-0.121	0.002	-0.271	-0.412	-0.121	0.002	0.010	-0.047	0.099	0.690	MAG(20:3)	MAG	Ester
CR	Fasting Insulin	id_251	0.001	-0.008	0.011	0.880	-0.272	-0.419	-0.126	0.000	-0.271	-0.418	-0.124	0.000	-0.002	-0.038	0.038	0.880	PC(16:0/22:6)	Phosphatidylcholine	PC Ester
CR	Fasting Insulin	id_288	0.001	-0.010	0.014	0.764	-0.272	-0.411	-0.120	0.000	-0.271	-0.409	-0.123	0.000	-0.004	-0.056	0.054	0.764	PC(18:1/22:6)	Phosphatidylcholine	PC Ester
CR	Fasting Insulin	id_293	-0.014	-0.046	0.003	0.118	-0.257	-0.398	-0.102	0.002	-0.271	-0.409	-0.119	0.000	0.052	-0.012	0.185	0.118	PC(18:2/20:2)	Phosphatidylcholine	PC Ester
CR	Fasting Insulin	id_298	0.000	-0.014	0.015	0.904	-0.272	-0.415	-0.136	0.002	-0.271	-0.412	-0.135	0.002	-0.001	-0.063	0.054	0.902	PC(18:2/22:5)	Phosphatidylcholine	PC Ester

CR	Fasting Insulin	id_332	-0.009	-0.028	0.010	0.272	-0.263	-0.395	-0.117	0.000	-0.271	-0.402	-0.130	0.000	0.033	-0.045	0.122	0.272	PE(18:0/18:0)	Phosphatidyl ethanolamine	PE Ester
CR	Fasting Insulin	id_359	-0.011	-0.038	0.010	0.206	-0.260	-0.411	-0.112	0.000	-0.271	-0.422	-0.126	0.000	0.041	-0.038	0.152	0.206	PE(18:2/16:1)	Phosphatidyl ethanolamine	PE Ester
CR	Fasting Insulin	id_366	-0.018	-0.053	0.004	0.130	-0.253	-0.395	-0.114	0.000	-0.271	-0.409	-0.135	0.000	0.068	-0.015	0.214	0.130	PE(O-16:0/18:2)	Phosphatidyl ethanolamine	PE Ether
CR	Fasting Insulin	id_368	-0.015	-0.046	0.006	0.196	-0.256	-0.391	-0.110	0.002	-0.271	-0.405	-0.129	0.000	0.056	-0.028	0.214	0.196	PE(O-16:0/20:4)	Phosphatidyl ethanolamine	PE Ether
CR	Fasting Insulin	id_372	-0.001	-0.010	0.019	0.990	-0.270	-0.406	-0.124	0.000	-0.271	-0.408	-0.125	0.000	0.005	-0.082	0.045	0.990	PE(O-16:0/22:6)	Phosphatidyl ethanolamine	PE Ether
CR	Fasting Insulin	id_378	-0.015	-0.045	0.010	0.206	-0.256	-0.403	-0.112	0.000	-0.271	-0.416	-0.124	0.000	0.057	-0.035	0.178	0.206	PE(O-18:0/20:4)	Phosphatidyl ethanolamine	PE Ether
CR	Fasting Insulin	id_381	-0.010	-0.061	0.012	0.404	-0.262	-0.412	-0.101	0.000	-0.271	-0.413	-0.128	0.000	0.035	-0.042	0.293	0.404	PE(O-18:0/22:5)	Phosphatidyl ethanolamine	PE Ether
CR	Fasting Insulin	id_382	-0.001	-0.007	0.020	0.838	-0.271	-0.402	-0.112	0.000	-0.271	-0.399	-0.111	0.000	0.002	-0.091	0.029	0.838	PE(O-18:0/22:6)	Phosphatidyl ethanolamine	PE Ether
CR	Fasting Insulin	id_387	-0.012	-0.059	0.010	0.304	-0.259	-0.392	-0.098	0.000	-0.271	-0.403	-0.121	0.000	0.045	-0.040	0.259	0.304	PE(P-16:0/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	Fasting Insulin	id_392	-0.033	-0.088	-0.003	0.032	-0.239	-0.373	-0.098	0.002	-0.271	-0.406	-0.138	0.000	0.121	0.013	0.387	0.032	PE(P-16:0/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	Fasting Insulin	id_395	-0.019	-0.087	0.006	0.170	-0.253	-0.394	-0.102	0.002	-0.271	-0.415	-0.124	0.000	0.069	-0.022	0.347	0.170	PE(P-16:0/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	Fasting Insulin	id_396	-0.007	-0.024	0.016	0.446	-0.265	-0.416	-0.113	0.002	-0.271	-0.420	-0.115	0.002	0.026	-0.069	0.109	0.444	PE(P-16:0/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	Fasting Insulin	id_401	-0.002	-0.031	0.020	0.858	-0.270	-0.419	-0.120	0.002	-0.271	-0.420	-0.125	0.002	0.007	-0.076	0.126	0.860	PE(P-18:0/18:1)	Phosphatidyl ethanolamine	PE Plasmalogen

CR	Fasting Insulin	id_402	0.000	-0.027	0.025	0.876	-0.272	-0.427	-0.124	0.000	-0.271	-0.426	-0.123	0.000	-0.002	-0.117	0.094	0.876	PE(P-18:0/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	Fasting Insulin	id_406	-0.019	-0.057	0.003	0.084	-0.252	-0.390	-0.113	0.000	-0.271	-0.411	-0.134	0.000	0.071	-0.010	0.256	0.084	PE(P-18:0/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	Fasting Insulin	id_409	-0.016	-0.072	0.009	0.222	-0.256	-0.388	-0.101	0.000	-0.271	-0.414	-0.129	0.000	0.058	-0.033	0.306	0.222	PE(P-18:0/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	Fasting Insulin	id_410	0.000	-0.008	0.012	0.830	-0.271	-0.411	-0.120	0.000	-0.271	-0.409	-0.122	0.000	0.001	-0.053	0.028	0.830	PE(P-18:0/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	Fasting Insulin	id_411	-0.004	-0.022	0.011	0.652	-0.268	-0.412	-0.125	0.000	-0.271	-0.413	-0.130	0.000	0.013	-0.038	0.110	0.652	PE(P-18:1/16:0)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	Fasting Insulin	id_415	-0.012	-0.051	0.012	0.342	-0.260	-0.408	-0.121	0.000	-0.271	-0.415	-0.130	0.000	0.044	-0.060	0.190	0.342	PE(P-18:1/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	Fasting Insulin	id_419	-0.031	-0.081	-0.004	0.016	-0.241	-0.379	-0.085	0.004	-0.271	-0.408	-0.123	0.002	0.114	0.014	0.379	0.018	PE(P-18:1/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	Fasting Insulin	id_421	-0.026	-0.087	-0.001	0.040	-0.246	-0.392	-0.093	0.000	-0.271	-0.427	-0.130	0.000	0.095	0.004	0.366	0.040	PE(P-18:1/22:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	Fasting Insulin	id_422	-0.018	-0.082	0.007	0.180	-0.253	-0.394	-0.096	0.000	-0.271	-0.408	-0.128	0.000	0.067	-0.027	0.348	0.180	PE(P-18:1/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	Fasting Insulin	id_423	-0.004	-0.018	0.016	0.678	-0.267	-0.401	-0.114	0.000	-0.271	-0.408	-0.118	0.000	0.015	-0.072	0.079	0.678	PE(P-18:1/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	Fasting Insulin	id_424	-0.007	-0.034	0.010	0.492	-0.264	-0.404	-0.121	0.000	-0.271	-0.411	-0.134	0.000	0.026	-0.047	0.147	0.492	PE(P-18:2/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	Fasting Insulin	id_425	-0.013	-0.041	0.006	0.222	-0.259	-0.405	-0.109	0.002	-0.271	-0.419	-0.121	0.000	0.046	-0.026	0.184	0.222	PE(P-18:2/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	Fasting Insulin	id_023	-0.023	-0.077	0.017	0.302	-0.010	-0.223	0.195	0.908	-0.033	-0.237	0.168	0.752	0.684	-4.330	4.052	0.814	CE(15:0)	Cholesterol Ester	CE Ester
AL	Fasting Insulin	id_024	-0.008	-0.063	0.045	0.746	-0.025	-0.215	0.162	0.798	-0.033	-0.243	0.166	0.762	0.231	-2.277	3.994	0.800	CE(16:0)	Cholesterol Ester	CE Ester

AL	Fasting Insulin	id_026	-0.018	-0.076	0.036	0.444	-0.015	-0.224	0.177	0.868	-0.033	-0.237	0.159	0.732	0.531	-3.298	4.104	0.740	CE(17:0)	Cholesterol Ester	CE Ester
AL	Fasting Insulin	id_027	-0.015	-0.072	0.033	0.510	-0.018	-0.219	0.177	0.824	-0.033	-0.238	0.175	0.722	0.464	-3.964	2.646	0.808	CE(18:0)	Cholesterol Ester	CE Ester
AL	Fasting Insulin	id_028	-0.012	-0.064	0.027	0.590	-0.021	-0.200	0.176	0.824	-0.033	-0.217	0.167	0.716	0.367	-1.922	3.189	0.810	CE(18:1)	Cholesterol Ester	CE Ester
AL	Fasting Insulin	id_029	-0.014	-0.072	0.044	0.616	-0.019	-0.223	0.194	0.856	-0.033	-0.242	0.182	0.748	0.414	-3.077	4.058	0.792	CE(18:2)	Cholesterol Ester	CE Ester
AL	Fasting Insulin	id_033	-0.010	-0.045	0.014	0.408	-0.023	-0.241	0.177	0.812	-0.033	-0.241	0.166	0.744	0.307	-2.211	1.834	0.904	CE(20:1)	Cholesterol Ester	CE Ester
AL	Fasting Insulin	id_034	-0.018	-0.087	0.051	0.630	-0.015	-0.206	0.194	0.846	-0.033	-0.233	0.190	0.728	0.541	-5.181	4.851	0.714	CE(20:2)	Cholesterol Ester	CE Ester
AL	Fasting Insulin	id_035	-0.008	-0.083	0.065	0.840	-0.025	-0.222	0.193	0.820	-0.033	-0.241	0.180	0.762	0.254	-2.571	4.262	0.714	CE(20:3)	Cholesterol Ester	CE Ester
AL	Fasting Insulin	id_036	0.006	-0.050	0.074	0.846	-0.039	-0.223	0.162	0.712	-0.033	-0.220	0.173	0.770	-0.192	-2.632	2.925	0.904	CE(20:4)	Cholesterol Ester	CE Ester
AL	Fasting Insulin	id_041	-0.001	-0.038	0.025	0.908	-0.031	-0.221	0.173	0.818	-0.033	-0.230	0.170	0.786	0.045	-1.829	2.175	0.906	CE(22:4)	Cholesterol Ester	CE Ester
AL	Fasting Insulin	id_042	0.008	-0.024	0.043	0.628	-0.041	-0.241	0.167	0.700	-0.033	-0.230	0.178	0.734	-0.250	-1.732	1.603	0.990	CE(22:5)	Cholesterol Ester	CE Ester
AL	Fasting Insulin	id_043	0.003	-0.018	0.039	0.736	-0.036	-0.246	0.168	0.708	-0.033	-0.240	0.170	0.720	-0.099	-1.099	1.165	0.920	CE(22:6)	Cholesterol Ester	CE Ester
AL	Fasting Insulin	id_044	0.000	-0.022	0.017	0.838	-0.033	-0.232	0.183	0.782	-0.033	-0.228	0.177	0.758	0.003	-0.861	1.896	0.952	CE(24:0)	Cholesterol Ester	CE Ester
AL	Fasting Insulin	id_045	0.004	-0.023	0.038	0.692	-0.037	-0.242	0.179	0.690	-0.033	-0.234	0.171	0.736	-0.135	-1.362	1.495	0.796	CE(24:1)	Cholesterol Ester	CE Ester
AL	Fasting Insulin	id_046	-0.007	-0.062	0.045	0.792	-0.026	-0.219	0.178	0.790	-0.033	-0.229	0.183	0.744	0.210	-2.602	2.753	0.796	CER(14:0)	Sphingolipid s	Ceramide
AL	Fasting Insulin	id_047	0.003	-0.043	0.056	0.868	-0.036	-0.223	0.158	0.652	-0.033	-0.226	0.163	0.670	-0.098	-2.342	2.610	0.866	CER(16:0)	Sphingolipid s	Ceramide
AL	Fasting Insulin	id_048	0.011	-0.068	0.103	0.840	-0.044	-0.234	0.139	0.598	-0.033	-0.228	0.167	0.666	-0.348	-4.765	3.419	0.822	CER(18:0)	Sphingolipid s	Ceramide
AL	Fasting Insulin	id_049	-0.006	-0.050	0.039	0.740	-0.027	-0.227	0.174	0.794	-0.033	-0.245	0.171	0.750	0.192	-1.876	2.915	0.778	CER(18:1)	Sphingolipid s	Ceramide
AL	Fasting Insulin	id_050	0.012	-0.055	0.101	0.742	-0.045	-0.249	0.150	0.654	-0.033	-0.253	0.173	0.770	-0.358	-5.254	7.014	0.852	CER(20:0)	Sphingolipid s	Ceramide
AL	Fasting Insulin	id_051	-0.022	-0.084	0.035	0.442	-0.010	-0.211	0.190	0.942	-0.033	-0.242	0.168	0.760	0.682	-5.137	3.054	0.722	CER(20:1)	Sphingolipid s	Ceramide
AL	Fasting Insulin	id_052	0.006	-0.060	0.075	0.856	-0.039	-0.243	0.137	0.672	-0.033	-0.237	0.161	0.730	-0.176	-4.287	3.514	0.870	CER(22:0)	Sphingolipid s	Ceramide

AL	Fasting Insulin	id_053	-0.021	-0.090	0.053	0.580	-0.012	-0.205	0.186	0.880	-0.033	-0.229	0.174	0.728	0.632	-4.383	3.359	0.716	CER(22:1 Sphingolipids	Ceramide
AL	Fasting Insulin	id_054	-0.005	-0.053	0.045	0.832	-0.028	-0.220	0.182	0.742	-0.033	-0.225	0.182	0.740	0.142	-2.519	2.806	0.840	CER(24:0 Sphingolipids	Ceramide
AL	Fasting Insulin	id_055	0.004	-0.037	0.057	0.856	-0.037	-0.215	0.173	0.768	-0.033	-0.215	0.171	0.770	-0.111	-2.158	3.951	0.898	CER(24:1 Sphingolipids	Ceramide
AL	Fasting Insulin	id_057	-0.008	-0.050	0.022	0.568	-0.025	-0.228	0.169	0.772	-0.033	-0.231	0.163	0.704	0.248	-1.507	2.116	0.824	CER(26:1 Sphingolipids	Ceramide
AL	Fasting Insulin	id_116	0.001	-0.055	0.019	0.756	-0.034	-0.225	0.189	0.800	-0.033	-0.232	0.174	0.760	-0.026	-1.198	1.699	0.860 :0)	DCER(14 Sphingolipids	Dihydroceramide
AL	Fasting Insulin	id_117	0.008	-0.058	0.072	0.746	-0.041	-0.231	0.159	0.710	-0.033	-0.236	0.175	0.766	-0.254	-3.780	2.811	0.932 :0)	DCER(16 Sphingolipids	Dihydroceramide
AL	Fasting Insulin	id_118	-0.007	-0.058	0.058	0.784	-0.026	-0.216	0.173	0.806	-0.033	-0.217	0.167	0.792	0.212	-3.314	3.092	0.760 :0)	DCER(18 Sphingolipids	Dihydroceramide
AL	Fasting Insulin	id_119	0.010	-0.040	0.079	0.688	-0.043	-0.242	0.151	0.702	-0.033	-0.229	0.174	0.766	-0.299	-2.828	3.078	0.998 :1)	DCER(18 Sphingolipids	Dihydroceramide
AL	Fasting Insulin	id_120	-0.005	-0.075	0.062	0.822	-0.028	-0.215	0.176	0.770	-0.033	-0.236	0.177	0.760	0.162	-3.631	3.140	0.758 :0)	DCER(20 Sphingolipids	Dihydroceramide
AL	Fasting Insulin	id_121	-0.002	-0.057	0.054	0.948	-0.031	-0.236	0.171	0.782	-0.033	-0.244	0.176	0.778	0.058	-3.172	2.340	0.838 :1)	DCER(20 Sphingolipids	Dihydroceramide
AL	Fasting Insulin	id_122	-0.008	-0.084	0.075	0.844	-0.025	-0.201	0.156	0.796	-0.033	-0.230	0.162	0.748	0.233	-3.791	5.785	0.696 :0)	DCER(22 Sphingolipids	Dihydroceramide
AL	Fasting Insulin	id_123	0.002	-0.037	0.035	0.994	-0.035	-0.231	0.170	0.716	-0.033	-0.231	0.169	0.722	-0.063	-1.503	1.463	0.956 :1)	DCER(22 Sphingolipids	Dihydroceramide
AL	Fasting Insulin	id_124	-0.005	-0.038	0.032	0.776	-0.028	-0.237	0.178	0.786	-0.033	-0.234	0.176	0.772	0.162	-1.503	1.792	0.976 :2)	DCER(22 Sphingolipids	Dihydroceramide
AL	Fasting Insulin	id_125	-0.008	-0.064	0.053	0.738	-0.025	-0.220	0.166	0.774	-0.033	-0.236	0.159	0.754	0.236	-2.874	2.682	0.780 :0)	DCER(24 Sphingolipids	Dihydroceramide
AL	Fasting Insulin	id_126	-0.012	-0.066	0.038	0.660	-0.021	-0.213	0.182	0.852	-0.033	-0.227	0.173	0.750	0.352	-3.822	4.734	0.750 :1)	DCER(24 Sphingolipids	Dihydroceramide
AL	Fasting Insulin	id_128	0.000	-0.015	0.025	0.872	-0.033	-0.236	0.166	0.734	-0.033	-0.231	0.165	0.736	0.001	-0.635	0.603	0.908 :1)	DCER(26 Sphingolipids	Dihydroceramide
AL	Fasting Insulin	id_129	0.008	-0.031	0.044	0.702	-0.041	-0.249	0.158	0.672	-0.033	-0.244	0.166	0.690	-0.234	-1.872	1.470	0.968 :0)	HCER(14 Sphingolipids	Hexosylceramide
AL	Fasting Insulin	id_130	0.001	-0.020	0.020	0.972	-0.034	-0.233	0.166	0.758	-0.033	-0.239	0.168	0.752	-0.038	-0.768	0.687	0.952 :0)	HCER(16 Sphingolipids	Hexosylceramide
AL	Fasting Insulin	id_131	0.003	-0.019	0.043	0.780	-0.036	-0.240	0.171	0.726	-0.033	-0.227	0.172	0.750	-0.093	-1.613	1.668	0.958 :0)	HCER(18 Sphingolipids	Hexosylceramide
AL	Fasting Insulin	id_132	-0.008	-0.046	0.015	0.556	-0.025	-0.231	0.170	0.824	-0.033	-0.241	0.166	0.754	0.255	-1.506	1.709	0.822 :1)	HCER(18 Sphingolipids	Hexosylceramide

AL	Fasting Insulin	id_133	0.010	-0.017	0.042	0.522	-0.043	-0.229	0.167	0.706	-0.033	-0.229	0.174	0.778	-0.291	-1.991	1.784	0.932	HCER(20:0)	Sphingolipids	Hexosylceramide
AL	Fasting Insulin	id_134	-0.009	-0.052	0.024	0.584	-0.024	-0.211	0.173	0.818	-0.033	-0.221	0.163	0.760	0.282	-2.166	1.922	0.848	HCER(20:1)	Sphingolipids	Hexosylceramide
AL	Fasting Insulin	id_135	0.000	-0.034	0.020	0.854	-0.033	-0.242	0.164	0.744	-0.033	-0.239	0.162	0.722	0.010	-1.418	0.982	0.968	HCER(22:0)	Sphingolipids	Hexosylceramide
AL	Fasting Insulin	id_136	-0.004	-0.030	0.016	0.728	-0.029	-0.219	0.174	0.758	-0.033	-0.223	0.172	0.740	0.117	-1.307	0.837	0.888	HCER(22:1)	Sphingolipids	Hexosylceramide
AL	Fasting Insulin	id_137	0.006	-0.022	0.039	0.702	-0.039	-0.249	0.177	0.660	-0.033	-0.232	0.179	0.706	-0.174	-1.822	1.513	0.900	HCER(24:0)	Sphingolipids	Hexosylceramide
AL	Fasting Insulin	id_138	0.008	-0.018	0.040	0.580	-0.041	-0.226	0.161	0.676	-0.033	-0.220	0.179	0.722	-0.241	-2.054	1.525	0.954	HCER(24:1)	Sphingolipids	Hexosylceramide
AL	Fasting Insulin	id_139	0.003	-0.036	0.041	0.880	-0.036	-0.238	0.164	0.688	-0.033	-0.234	0.169	0.728	-0.101	-1.579	1.601	0.920	HCER(26:0)	Sphingolipids	Hexosylceramide
AL	Fasting Insulin	id_141	0.002	-0.036	0.024	0.954	-0.035	-0.232	0.175	0.730	-0.033	-0.229	0.175	0.738	-0.073	-1.400	1.139	0.988	LCER(14:0)	Sphingolipids	Lactosylceramide
AL	Fasting Insulin	id_142	-0.001	-0.040	0.033	0.968	-0.032	-0.235	0.165	0.688	-0.033	-0.232	0.168	0.700	0.039	-1.482	1.662	0.840	LCER(16:0)	Sphingolipids	Lactosylceramide
AL	Fasting Insulin	id_144	-0.001	-0.033	0.023	0.940	-0.032	-0.240	0.177	0.762	-0.033	-0.237	0.175	0.760	0.043	-1.173	1.202	0.976	LCER(18:1)	Sphingolipids	Lactosylceramide
AL	Fasting Insulin	id_145	-0.001	-0.033	0.036	0.986	-0.032	-0.239	0.169	0.708	-0.033	-0.235	0.173	0.730	0.019	-1.417	1.829	0.932	LCER(20:0)	Sphingolipids	Lactosylceramide
AL	Fasting Insulin	id_146	0.002	-0.022	0.038	0.850	-0.035	-0.244	0.157	0.684	-0.033	-0.238	0.162	0.708	-0.061	-1.385	1.515	0.954	LCER(20:1)	Sphingolipids	Lactosylceramide
AL	Fasting Insulin	id_147	0.003	-0.019	0.036	0.844	-0.036	-0.228	0.163	0.740	-0.033	-0.226	0.166	0.770	-0.101	-1.294	1.044	0.922	LCER(22:0)	Sphingolipids	Lactosylceramide
AL	Fasting Insulin	id_148	0.000	-0.020	0.021	0.982	-0.033	-0.222	0.161	0.764	-0.033	-0.220	0.160	0.772	0.006	-0.774	0.918	0.974	LCER(22:1)	Sphingolipids	Lactosylceramide
AL	Fasting Insulin	id_149	0.016	-0.025	0.065	0.436	-0.048	-0.244	0.158	0.628	-0.033	-0.228	0.168	0.744	-0.470	-4.189	2.870	0.924	LCER(24:0)	Sphingolipids	Lactosylceramide
AL	Fasting Insulin	id_152	0.007	-0.020	0.050	0.636	-0.040	-0.250	0.151	0.638	-0.033	-0.239	0.159	0.702	-0.200	-1.861	2.789	0.886	LCER(26:1)	Sphingolipids	Lactosylceramide
AL	Fasting Insulin	id_154	-0.001	-0.026	0.032	0.970	-0.032	-0.229	0.179	0.776	-0.033	-0.221	0.176	0.792	0.037	-1.021	0.929	0.878	LPC(15:0)	Lysophosphatidylcholine	LPC Ester
AL	Fasting Insulin	id_157	0.009	-0.044	0.077	0.740	-0.042	-0.211	0.159	0.644	-0.033	-0.214	0.177	0.736	-0.286	-3.764	4.366	0.860	LPC(17:0)	Lysophosphatidylcholine	LPC Ester
AL	Fasting Insulin	id_170	0.007	-0.028	0.048	0.656	-0.040	-0.243	0.158	0.720	-0.033	-0.235	0.167	0.770	-0.221	-1.805	1.572	0.962	LPC(22:6)	Lysophosphatidylcholine	LPC Ester

Group	Condition	Sample ID	Metabolic Parameters															Lysophosphatidylethanolamine LPE Ester		
			0.001	-0.017	0.029	0.862	-0.034	-0.239	0.165	0.778	-0.033	-0.236	0.165	0.790	-0.018	-0.852	1.309	0.932	LPE(20:4)	
AL	Fasting Insulin	id_181	0.001	-0.017	0.029	0.862	-0.034	-0.239	0.165	0.778	-0.033	-0.236	0.165	0.790	-0.018	-0.852	1.309	0.932	MAG(12:0)	
AL	Fasting Insulin	id_186	0.000	-0.019	0.022	0.924	-0.033	-0.232	0.166	0.758	-0.033	-0.223	0.167	0.752	-0.014	-1.121	0.758	0.960	MAG(14:1)	
AL	Fasting Insulin	id_188	0.015	-0.020	0.061	0.444	-0.048	-0.235	0.154	0.646	-0.033	-0.225	0.161	0.750	-0.463	-2.917	2.931	0.846	MAG(15:0)	
AL	Fasting Insulin	id_189	0.002	-0.022	0.030	0.848	-0.035	-0.232	0.159	0.752	-0.033	-0.230	0.156	0.772	-0.074	-0.995	0.992	0.928	MAG(18:2)	
AL	Fasting Insulin	id_195	0.000	-0.020	0.021	0.982	-0.033	-0.229	0.167	0.730	-0.033	-0.227	0.166	0.736	-0.001	-0.865	0.867	0.990	MAG(20:5)	
AL	Fasting Insulin	id_203	-0.001	-0.023	0.020	0.948	-0.032	-0.217	0.170	0.748	-0.033	-0.217	0.170	0.752	0.037	-1.431	0.911	0.932	MAG(22:0)	
AL	Fasting Insulin	id_204	0.000	-0.021	0.026	0.972	-0.033	-0.232	0.177	0.736	-0.033	-0.231	0.178	0.756	0.012	-0.861	0.847	0.992	MAG(22:1)	
AL	Fasting Insulin	id_205	-0.003	-0.030	0.027	0.866	-0.030	-0.239	0.185	0.806	-0.033	-0.240	0.177	0.784	0.085	-1.990	1.469	0.930	MAG(22:5)	
AL	Fasting Insulin	id_208	0.002	-0.023	0.033	0.890	-0.035	-0.232	0.158	0.752	-0.033	-0.232	0.163	0.766	-0.069	-1.075	1.437	0.988	MAG(22:6)	
AL	Fasting Insulin	id_209	0.003	-0.029	0.043	0.768	-0.036	-0.230	0.146	0.686	-0.033	-0.225	0.159	0.722	-0.101	-1.926	1.792	0.990	PC(15:0/18:2)	
AL	Fasting Insulin	id_228	-0.005	-0.039	0.018	0.658	-0.028	-0.239	0.190	0.772	-0.033	-0.239	0.171	0.728	0.159	-1.267	1.794	0.846	PC(15:0/20:4)	
AL	Fasting Insulin	id_230	-0.018	-0.068	0.035	0.410	-0.015	-0.214	0.184	0.890	-0.033	-0.239	0.167	0.772	0.549	-3.209	3.340	0.706	PC(16:0/18:2)	
AL	Fasting Insulin	id_241	-0.004	-0.036	0.026	0.792	-0.029	-0.238	0.182	0.786	-0.033	-0.237	0.179	0.756	0.116	-2.121	1.453	0.916	PC(17:0/18:2)	
AL	Fasting Insulin	id_254	0.000	-0.025	0.020	0.974	-0.033	-0.236	0.179	0.794	-0.033	-0.239	0.182	0.784	-0.007	-0.820	0.890	0.946	PC(17:0/20:4)	
AL	Fasting Insulin	id_257	0.001	-0.025	0.023	1.000	-0.034	-0.215	0.176	0.798	-0.033	-0.216	0.167	0.802	-0.039	-0.903	0.821	0.970	PC(18:0/20:4)	
AL	Fasting Insulin	id_272	0.006	-0.030	0.049	0.752	-0.039	-0.235	0.176	0.676	-0.033	-0.224	0.180	0.718	-0.184	-2.160	2.654	0.966	PC(18:1/18:2)	
AL	Fasting Insulin	id_279	0.000	-0.034	0.039	0.988	-0.033	-0.237	0.172	0.724	-0.033	-0.239	0.178	0.722	0.000	-1.592	1.728	0.934	PC(18:1/20:3)	
AL	Fasting Insulin	id_283	-0.029	-0.090	0.008	0.192	-0.004	-0.211	0.210	0.958	-0.033	-0.248	0.174	0.742	0.873	-3.962	3.937	0.766	PC(18:1/20:4)	
AL	Fasting Insulin	id_284	-0.002	-0.028	0.023	0.924	-0.031	-0.231	0.176	0.722	-0.033	-0.232	0.173	0.722	0.052	-1.039	1.007	0.982	PC(18:2/16:1)	
AL	Fasting Insulin	id_289	-0.010	-0.052	0.015	0.462	-0.023	-0.226	0.179	0.806	-0.033	-0.235	0.164	0.738	0.300	-2.304	1.466	0.856		

AL	Fasting Insulin	id_354	-0.020	-0.066	0.022	0.350	-0.013	-0.214	0.173	0.934	-0.033	-0.239	0.157	0.784	0.609	-3.409	3.012	0.806	PE(18:1/22:0)	Phosphatidyl ethanolamine PE Ester
AL	Fasting Insulin	id_386	-0.007	-0.065	0.055	0.870	-0.026	-0.222	0.170	0.816	-0.033	-0.233	0.170	0.758	0.201	-2.710	3.852	0.800	PE(P-16:0/18:1)	Phosphatidyl ethanolamine PE Plasmalogen
AL	Fasting Insulin	id_398	0.008	-0.045	0.054	0.674	-0.041	-0.248	0.134	0.678	-0.033	-0.241	0.145	0.716	-0.255	-3.403	2.855	0.994	PE(P-18:0/16:0)	Phosphatidyl ethanolamine PE Plasmalogen
AL	Fasting Insulin	id_405	0.009	-0.049	0.072	0.766	-0.042	-0.231	0.156	0.678	-0.033	-0.223	0.182	0.754	-0.286	-2.948	3.911	0.896	PE(P-18:0/20:3)	Phosphatidyl ethanolamine PE Plasmalogen
AL	Fasting Insulin	id_414	-0.006	-0.056	0.045	0.790	-0.027	-0.231	0.164	0.746	-0.033	-0.246	0.167	0.730	0.171	-2.785	2.690	0.772	PE(P-18:1/18:1)	Phosphatidyl ethanolamine PE Plasmalogen
AL	Fasting Insulin	id_448	0.014	-0.042	0.089	0.618	-0.047	-0.244	0.154	0.592	-0.033	-0.231	0.181	0.744	-0.417	-3.301	4.739	0.926	SM(14:0)	Sphingolipids Sphingomyelin
AL	Fasting Insulin	id_449	0.005	-0.027	0.044	0.734	-0.038	-0.240	0.162	0.730	-0.033	-0.232	0.167	0.774	-0.142	-1.873	1.670	0.984	SM(16:0)	Sphingolipids Sphingomyelin
AL	Fasting Insulin	id_450	0.011	-0.040	0.074	0.710	-0.044	-0.242	0.138	0.612	-0.033	-0.233	0.157	0.700	-0.343	-3.766	3.424	0.958	SM(18:0)	Sphingolipids Sphingomyelin
AL	Fasting Insulin	id_451	0.011	-0.041	0.078	0.682	-0.044	-0.239	0.161	0.652	-0.033	-0.227	0.183	0.752	-0.335	-2.756	3.038	0.954	SM(18:1)	Sphingolipids Sphingomyelin
AL	Fasting Insulin	id_452	0.001	-0.054	0.060	0.986	-0.034	-0.234	0.157	0.776	-0.033	-0.236	0.164	0.808	-0.041	-2.547	5.032	0.822	SM(20:0)	Sphingolipids Sphingomyelin
AL	Fasting Insulin	id_453	0.002	-0.053	0.070	0.934	-0.035	-0.220	0.142	0.680	-0.033	-0.225	0.152	0.704	-0.070	-3.291	2.654	0.826	SM(20:1)	Sphingolipids Sphingomyelin
AL	Fasting Insulin	id_454	0.007	-0.049	0.065	0.784	-0.040	-0.233	0.170	0.680	-0.033	-0.234	0.183	0.712	-0.199	-3.867	1.783	0.864	SM(22:0)	Sphingolipids Sphingomyelin
AL	Fasting Insulin	id_455	0.011	-0.047	0.079	0.696	-0.044	-0.240	0.156	0.690	-0.033	-0.224	0.171	0.770	-0.330	-3.454	3.722	0.890	SM(22:1)	Sphingolipids Sphingomyelin
AL	Fasting Insulin	id_456	-0.015	-0.075	0.035	0.502	-0.018	-0.214	0.175	0.920	-0.033	-0.235	0.159	0.770	0.468	-3.977	3.436	0.744	SM(24:0)	Sphingolipids Sphingomyelin
AL	Fasting Insulin	id_457	-0.005	-0.038	0.030	0.810	-0.028	-0.220	0.175	0.794	-0.033	-0.220	0.169	0.768	0.144	-2.075	2.245	0.850	SM(24:1)	Sphingolipids Sphingomyelin
AL	Fasting Insulin	id_458	0.000	-0.023	0.032	0.946	-0.033	-0.227	0.173	0.742	-0.033	-0.223	0.176	0.748	-0.005	-1.112	1.269	0.906	SM(26:0)	Sphingolipids Sphingomyelin
AL	Fasting Insulin	id_459	0.000	-0.016	0.018	0.958	-0.033	-0.223	0.189	0.792	-0.033	-0.224	0.187	0.800	-0.007	-0.601	0.686	0.982	SM(26:1)	Sphingolipids Sphingomyelin
AL	Fasting Insulin	id_660	-0.006	-0.071	0.069	0.880	-0.027	-0.220	0.161	0.750	-0.033	-0.240	0.173	0.758	0.167	-3.925	4.855	0.722	TAG51:3-FA16:0	Triacylglycerol TAG Ester

AL	Fasting Insulin	id_663	-0.008	-0.053	0.045	0.712	-0.025	-0.218	0.164	0.810	-0.033	-0.227	0.166	0.768	0.255	-3.177	2.699	0.728	TAG51:3- Triacylglycer FA18:1 ol TAG Ester		
AL	Fasting Insulin	id_667	0.001	-0.063	0.072	0.992	-0.034	-0.236	0.160	0.698	-0.033	-0.235	0.173	0.720	-0.045	-3.125	3.926	0.848	TAG51:4- Triacylglycer FA16:0 ol TAG Ester		
AL	Fasting Insulin	id_755	0.036	-0.004	0.102	0.090	-0.069	-0.279	0.129	0.450	-0.033	-0.244	0.167	0.700	-1.105	-5.485	5.071	0.730	TAG53:3- Triacylglycer FA18:0 ol TAG Ester		
AL	Fasting Insulin	id_760	0.005	-0.025	0.044	0.720	-0.038	-0.229	0.167	0.696	-0.033	-0.229	0.174	0.732	-0.146	-1.655	1.915	0.980	TAG53:4- Triacylglycer FA18:0 ol TAG Ester		
AL	Fasting Insulin	id_761	-0.004	-0.046	0.042	0.832	-0.029	-0.246	0.175	0.804	-0.033	-0.249	0.184	0.796	0.124	-2.055	2.087	0.848	TAG53:4- Triacylglycer FA18:1 ol TAG Ester		
AL	Fasting Insulin	id_765	0.014	-0.041	0.078	0.630	-0.047	-0.240	0.142	0.626	-0.033	-0.236	0.169	0.764	-0.430	-3.000	3.728	0.926	TAG53:5- Triacylglycer FA18:1 ol TAG Ester		
AL	Fasting Insulin	id_766	-0.001	-0.049	0.055	0.990	-0.032	-0.227	0.178	0.754	-0.033	-0.240	0.182	0.766	0.028	-2.405	2.963	0.868	TAG53:5- Triacylglycer FA18:2 ol TAG Ester		
AL	Fasting Insulin	id_769	0.016	-0.025	0.078	0.464	-0.049	-0.244	0.147	0.624	-0.033	-0.237	0.167	0.768	-0.493	-3.780	5.170	0.992	TAG53:6- Triacylglycer FA18:1 ol TAG Ester		
AL	Fasting Insulin	id_770	-0.005	-0.051	0.055	0.846	-0.028	-0.224	0.180	0.786	-0.033	-0.232	0.173	0.766	0.144	-3.067	2.578	0.804	TAG53:6- Triacylglycer FA18:2 ol TAG Ester		
AL	Fasting Insulin	id_771	-0.003	-0.060	0.055	0.898	-0.030	-0.248	0.176	0.786	-0.033	-0.247	0.172	0.760	0.102	-2.304	3.836	0.814	TAG53:6- Triacylglycer FA18:3 ol TAG Ester		
AL	Fasting Insulin	id_773	-0.002	-0.038	0.032	0.926	-0.031	-0.226	0.177	0.726	-0.033	-0.231	0.178	0.708	0.074	-1.745	1.729	0.930	TAG53:7- Triacylglycer FA18:3 ol TAG Ester		
AL	Fasting Insulin	id_856	-0.003	-0.048	0.051	0.874	-0.030	-0.226	0.160	0.740	-0.033	-0.226	0.164	0.742	0.099	-3.840	2.489	0.836	TAG55:6- Triacylglycer FA18:1 ol TAG Ester		
AL	Fasting Insulin	id_857	0.014	-0.029	0.078	0.520	-0.047	-0.240	0.163	0.594	-0.033	-0.229	0.175	0.716	-0.421	-3.676	3.125	0.944	TAG55:6- Triacylglycer FA20:3 ol TAG Ester		
AL	Fasting Insulin	id_860	0.003	-0.054	0.052	0.930	-0.036	-0.229	0.152	0.742	-0.033	-0.236	0.167	0.768	-0.092	-2.960	2.947	0.866	TAG55:7- Triacylglycer FA18:1 ol TAG Ester		
AL	Fasting Insulin	id_861	0.012	-0.018	0.059	0.488	-0.045	-0.233	0.158	0.662	-0.033	-0.219	0.168	0.760	-0.363	-2.410	1.924	0.924	TAG55:7- Triacylglycer FA20:3 ol TAG Ester		
AL	Fasting Insulin	id_862	-0.008	-0.045	0.033	0.672	-0.025	-0.235	0.185	0.752	-0.033	-0.240	0.171	0.692	0.243	-2.297	2.340	0.860	TAG55:7- Triacylglycer FA20:4 ol TAG Ester		
AL	Fasting Insulin	id_864	0.002	-0.062	0.070	0.930	-0.035	-0.221	0.154	0.696	-0.033	-0.227	0.172	0.750	-0.059	-3.550	5.355	0.820	TAG55:8- Triacylglycer FA20:4 ol TAG Ester		
AL	Fasting Insulin	id_939	0.007	-0.033	0.056	0.704	-0.040	-0.241	0.167	0.736	-0.033	-0.236	0.183	0.760	-0.211	-3.559	1.588	0.988	TAG57:9- Triacylglycer FA22:6 ol TAG Ester		
AL	Fasting Insulin	id_978	-0.016	-0.080	0.044	0.638	-0.017	-0.224	0.183	0.882	-0.033	-0.226	0.171	0.744	0.477	-3.569	4.642	0.794	Total CE Neutral Complex Lipids SUM Cholesteryl Esters		
AL	Fasting Insulin	id_979	-0.002	-0.055	0.064	0.998	-0.031	-0.233	0.148	0.680	-0.033	-0.231	0.152	0.694	0.052	-3.061	2.865	0.848	Total CER Sphingolipid SUM Ceramides		

AL	Fasting Insulin	id_981	-0.015	-0.070	0.049	0.616	-0.018	-0.226	0.177	0.866	-0.033	-0.245	0.177	0.750	0.460	-4.288	4.462	0.746	Total DCER	Sphingolipid SUM	Dihydroceramides
AL	Fasting Insulin	id_982	0.005	-0.016	0.033	0.682	-0.038	-0.247	0.162	0.706	-0.033	-0.237	0.163	0.736	-0.153	-1.079	0.961	0.922	Total HCER	Sphingolipid SUM	Hexosylceramides
AL	Fasting Insulin	id_983	0.001	-0.037	0.040	0.958	-0.034	-0.246	0.180	0.702	-0.033	-0.245	0.178	0.718	-0.019	-1.694	1.804	0.908	Total LCER	Sphingolipid SUM	Lactosylceramides
AL	Fasting Insulin	id_987	-0.011	-0.064	0.027	0.520	-0.022	-0.211	0.192	0.862	-0.033	-0.228	0.177	0.770	0.338	-2.037	2.412	0.786	Total PC	Phospholipid SUM	Phosphatidylcholines
AL	Fasting Insulin	id_990	0.005	-0.044	0.068	0.856	-0.038	-0.226	0.152	0.712	-0.033	-0.225	0.174	0.736	-0.149	-3.383	3.303	0.892	Total SM	Sphingolipid SUM	Sphingomyelins
AL	Fasting Insulin	id_039	0.005	-0.024	0.028	0.818	-0.038	-0.232	0.179	0.750	-0.033	-0.229	0.174	0.748	-0.158	-1.467	1.061	0.782	CE(22:1)	Ester	CE Ester
AL	Fasting Insulin	id_060	-0.008	-0.076	0.040	0.738	-0.025	-0.201	0.184	0.814	-0.033	-0.227	0.176	0.740	0.238	-2.693	3.497	0.778	DAG(12:0/18:1)	Diacylglycerol	DAG Ester
AL	Fasting Insulin	id_071	-0.007	-0.043	0.044	0.778	-0.026	-0.230	0.167	0.746	-0.033	-0.240	0.155	0.738	0.216	-1.543	3.302	0.828	DAG(14:1/16:0)	Diacylglycerol	DAG Ester
AL	Fasting Insulin	id_072	-0.001	-0.030	0.020	0.808	-0.032	-0.225	0.179	0.756	-0.033	-0.224	0.175	0.710	0.035	-1.031	1.483	0.938	DAG(14:1/18:1)	Diacylglycerol	DAG Ester
AL	Fasting Insulin	id_150	0.010	-0.032	0.070	0.672	-0.042	-0.240	0.154	0.666	-0.033	-0.231	0.169	0.754	-0.289	-2.612	2.664	0.998	LCER(24:1)	Sphingolipids	Lactosylceramide
AL	Fasting Insulin	id_151	-0.001	-0.035	0.038	0.982	-0.032	-0.231	0.165	0.768	-0.033	-0.234	0.170	0.772	0.036	-2.446	1.821	0.886	LCER(26:0)	Sphingolipids	Lactosylceramide
AL	Fasting Insulin	id_160	-0.002	-0.061	0.061	0.942	-0.031	-0.234	0.160	0.796	-0.033	-0.233	0.169	0.776	0.064	-3.367	3.730	0.810	LPC(18:2)	Lysophosphatidylcholine	LPC Ester
AL	Fasting Insulin	id_196	-0.013	-0.072	0.035	0.616	-0.020	-0.212	0.168	0.836	-0.033	-0.232	0.155	0.726	0.394	-2.817	2.577	0.786	MAG(18:3)	MAG	Ester
AL	Fasting Insulin	id_199	-0.014	-0.056	0.014	0.350	-0.019	-0.213	0.194	0.844	-0.033	-0.223	0.174	0.742	0.427	-1.883	2.812	0.860	MAG(20:1)	MAG	Ester
AL	Fasting Insulin	id_200	0.003	-0.031	0.029	0.938	-0.036	-0.251	0.172	0.780	-0.033	-0.244	0.169	0.790	-0.093	-1.320	1.747	0.948	MAG(20:2)	MAG	Ester
AL	Fasting Insulin	id_201	0.000	-0.023	0.022	0.940	-0.033	-0.242	0.169	0.726	-0.033	-0.239	0.168	0.732	0.005	-0.934	0.818	0.952	MAG(20:3)	MAG	Ester
AL	Fasting Insulin	id_251	0.000	-0.021	0.025	0.974	-0.033	-0.234	0.155	0.714	-0.033	-0.234	0.153	0.706	-0.004	-0.937	1.399	0.940	PC(16:0/22:6)	Phosphatidylcholine	PC Ester
AL	Fasting Insulin	id_288	0.003	-0.028	0.045	0.896	-0.036	-0.242	0.182	0.748	-0.033	-0.241	0.182	0.744	-0.083	-1.983	2.775	0.940	PC(18:1/22:6)	Phosphatidylcholine	PC Ester
AL	Fasting Insulin	id_293	0.007	-0.017	0.045	0.614	-0.040	-0.250	0.157	0.654	-0.033	-0.243	0.174	0.716	-0.204	-1.907	1.977	0.966	PC(18:2/20:2)	Phosphatidylcholine	PC Ester
AL	Fasting Insulin	id_298	-0.015	-0.065	0.019	0.414	-0.018	-0.210	0.190	0.804	-0.033	-0.224	0.169	0.708	0.454	-2.161	2.521	0.826	PC(18:2/22:5)	Phosphatidylcholine	PC Ester

AL	Fasting Insulin	id_332	0.022	-0.030	0.083	0.396	-0.055	-0.253	0.140	0.598	-0.033	-0.243	0.168	0.774	-0.668	-5.103	5.560	0.982	PE(18:0/18:0)	Phosphatidyl ethanolamine PE Ester
AL	Fasting Insulin	id_359	0.015	-0.042	0.063	0.548	-0.048	-0.237	0.148	0.620	-0.033	-0.230	0.158	0.756	-0.465	-3.711	4.801	0.956	PE(18:2/16:1)	Phosphatidyl ethanolamine PE Ester
AL	Fasting Insulin	id_366	-0.005	-0.052	0.030	0.772	-0.028	-0.241	0.166	0.728	-0.033	-0.234	0.158	0.684	0.158	-2.486	1.527	0.848	PE(O-16:0/18:2)	Phosphatidyl ethanolamine PE Ether
AL	Fasting Insulin	id_368	0.007	-0.043	0.055	0.826	-0.040	-0.238	0.158	0.660	-0.033	-0.240	0.171	0.700	-0.209	-2.802	3.013	0.886	PE(O-16:0/20:4)	Phosphatidyl ethanolamine PE Ether
AL	Fasting Insulin	id_372	0.006	-0.024	0.036	0.794	-0.039	-0.244	0.164	0.692	-0.033	-0.236	0.165	0.716	-0.183	-1.078	1.647	0.914	PE(O-16:0/22:6)	Phosphatidyl ethanolamine PE Ether
AL	Fasting Insulin	id_378	0.012	-0.041	0.070	0.628	-0.045	-0.242	0.155	0.646	-0.033	-0.241	0.170	0.728	-0.355	-2.719	2.813	0.972	PE(O-18:0/20:4)	Phosphatidyl ethanolamine PE Ether
AL	Fasting Insulin	id_381	0.004	-0.041	0.047	0.886	-0.037	-0.234	0.159	0.730	-0.033	-0.231	0.164	0.754	-0.121	-1.779	2.000	0.964	PE(O-18:0/22:5)	Phosphatidyl ethanolamine PE Ether
AL	Fasting Insulin	id_382	0.007	-0.020	0.048	0.694	-0.040	-0.244	0.185	0.780	-0.033	-0.247	0.197	0.822	-0.208	-1.394	1.439	0.976	PE(O-18:0/22:6)	Phosphatidyl ethanolamine PE Ether
AL	Fasting Insulin	id_387	-0.016	-0.077	0.033	0.460	-0.017	-0.232	0.183	0.832	-0.033	-0.250	0.170	0.740	0.489	-3.800	2.570	0.740	PE(P-16:0/18:2)	Phosphatidyl ethanolamine PE Plasmalogen
AL	Fasting Insulin	id_392	-0.003	-0.054	0.057	0.922	-0.030	-0.232	0.162	0.762	-0.033	-0.249	0.161	0.742	0.094	-2.791	2.630	0.836	PE(P-16:0/20:4)	Phosphatidyl ethanolamine PE Plasmalogen
AL	Fasting Insulin	id_395	0.012	-0.048	0.082	0.688	-0.045	-0.245	0.138	0.650	-0.033	-0.248	0.156	0.764	-0.361	-3.012	4.304	0.892	PE(P-16:0/22:5)	Phosphatidyl ethanolamine PE Plasmalogen
AL	Fasting Insulin	id_396	0.010	-0.030	0.056	0.564	-0.043	-0.224	0.159	0.724	-0.033	-0.219	0.169	0.804	-0.314	-1.813	2.276	0.984	PE(P-16:0/22:6)	Phosphatidyl ethanolamine PE Plasmalogen
AL	Fasting Insulin	id_401	0.004	-0.052	0.068	0.896	-0.037	-0.216	0.153	0.716	-0.033	-0.223	0.172	0.776	-0.134	-2.692	3.419	0.832	PE(P-18:0/18:1)	Phosphatidyl ethanolamine PE Plasmalogen

AL	Fasting Insulin	id_402	-0.006	-0.056	0.037	0.798	-0.026	-0.224	0.168	0.828	-0.033	-0.228	0.175	0.766	0.197	-2.391	3.251	0.856	PE(P-18:0/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	Fasting Insulin	id_406	0.007	-0.055	0.070	0.836	-0.040	-0.221	0.146	0.612	-0.033	-0.226	0.154	0.672	-0.207	-5.035	4.033	0.924	PE(P-18:0/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	Fasting Insulin	id_409	-0.001	-0.058	0.056	0.980	-0.032	-0.232	0.157	0.722	-0.033	-0.248	0.176	0.708	0.038	-2.444	2.207	0.832	PE(P-18:0/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	Fasting Insulin	id_410	0.012	-0.024	0.050	0.506	-0.045	-0.247	0.160	0.682	-0.033	-0.236	0.166	0.740	-0.366	-2.005	2.111	0.930	PE(P-18:0/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	Fasting Insulin	id_411	0.001	-0.052	0.051	0.954	-0.034	-0.217	0.186	0.798	-0.033	-0.218	0.179	0.782	-0.025	-2.340	2.483	0.916	PE(P-18:1/16:0)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	Fasting Insulin	id_415	-0.012	-0.064	0.030	0.580	-0.021	-0.215	0.191	0.852	-0.033	-0.228	0.180	0.784	0.377	-2.158	3.037	0.804	PE(P-18:1/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	Fasting Insulin	id_419	-0.008	-0.077	0.056	0.804	-0.025	-0.219	0.167	0.796	-0.033	-0.241	0.161	0.744	0.235	-2.985	4.605	0.748	PE(P-18:1/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	Fasting Insulin	id_421	-0.016	-0.066	0.015	0.312	-0.017	-0.225	0.180	0.820	-0.033	-0.236	0.170	0.704	0.498	-2.063	2.231	0.760	PE(P-18:1/22:4)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	Fasting Insulin	id_422	0.016	-0.039	0.092	0.560	-0.049	-0.237	0.134	0.608	-0.033	-0.214	0.167	0.764	-0.499	-4.125	5.970	0.932	PE(P-18:1/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	Fasting Insulin	id_423	0.005	-0.031	0.037	0.756	-0.038	-0.237	0.159	0.742	-0.033	-0.235	0.158	0.736	-0.162	-1.138	1.468	0.960	PE(P-18:1/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	Fasting Insulin	id_424	-0.008	-0.043	0.022	0.618	-0.025	-0.214	0.182	0.806	-0.033	-0.223	0.179	0.758	0.235	-1.381	1.598	0.804	PE(P-18:2/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	Fasting Insulin	id_425	-0.002	-0.055	0.050	0.974	-0.031	-0.224	0.167	0.726	-0.033	-0.218	0.165	0.706	0.058	-2.503	2.481	0.900	PE(P-18:2/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	Fasting Insulin	id_023	-0.001	-0.041	0.012	0.898	-0.271	-0.412	-0.125	0.000	-0.271	-0.411	-0.140	0.000	0.002	-0.046	0.170	0.898	CE(15:0)	Cholesterol Ester	CE Ester
CR	Fasting Insulin	id_024	-0.007	-0.053	0.006	0.304	-0.264	-0.411	-0.107	0.000	-0.271	-0.417	-0.127	0.000	0.027	-0.021	0.223	0.304	CE(16:0)	Cholesterol Ester	CE Ester

CR	Fasting Insulin	id_026	-0.007	-0.074	0.008	0.314	-0.264	-0.390	-0.100	0.000	-0.271	-0.406	-0.128	0.000	0.027	-0.024	0.327	0.314	CE(17:0)	Cholesterol Ester	CE Ester
CR	Fasting Insulin	id_027	-0.005	-0.058	0.010	0.500	-0.266	-0.413	-0.117	0.000	-0.271	-0.418	-0.139	0.000	0.018	-0.036	0.242	0.500	CE(18:0)	Cholesterol Ester	CE Ester
CR	Fasting Insulin	id_028	-0.002	-0.041	0.012	0.678	-0.269	-0.414	-0.111	0.000	-0.271	-0.415	-0.125	0.000	0.009	-0.041	0.187	0.678	CE(18:1)	Cholesterol Ester	CE Ester
CR	Fasting Insulin	id_029	-0.008	-0.063	0.006	0.276	-0.263	-0.392	-0.101	0.002	-0.271	-0.400	-0.126	0.002	0.030	-0.022	0.274	0.278	CE(18:2)	Cholesterol Ester	CE Ester
CR	Fasting Insulin	id_033	0.003	-0.010	0.014	0.568	-0.274	-0.426	-0.125	0.000	-0.271	-0.421	-0.123	0.000	-0.011	-0.054	0.044	0.568	CE(20:1)	Cholesterol Ester	CE Ester
CR	Fasting Insulin	id_034	-0.015	-0.099	0.001	0.076	-0.257	-0.401	-0.074	0.014	-0.271	-0.418	-0.120	0.000	0.054	-0.005	0.505	0.076	CE(20:2)	Cholesterol Ester	CE Ester
CR	Fasting Insulin	id_035	-0.014	-0.106	0.004	0.114	-0.257	-0.393	-0.078	0.004	-0.271	-0.403	-0.128	0.000	0.053	-0.011	0.508	0.114	CE(20:3)	Cholesterol Ester	CE Ester
CR	Fasting Insulin	id_036	-0.016	-0.062	0.002	0.100	-0.255	-0.388	-0.105	0.002	-0.271	-0.408	-0.122	0.000	0.059	-0.006	0.253	0.100	CE(20:4)	Cholesterol Ester	CE Ester
CR	Fasting Insulin	id_041	-0.012	-0.060	0.006	0.176	-0.260	-0.407	-0.102	0.004	-0.271	-0.416	-0.124	0.000	0.044	-0.020	0.238	0.176	CE(22:4)	Cholesterol Ester	CE Ester
CR	Fasting Insulin	id_042	-0.008	-0.040	0.006	0.298	-0.264	-0.403	-0.116	0.000	-0.271	-0.410	-0.129	0.000	0.029	-0.022	0.170	0.298	CE(22:5)	Cholesterol Ester	CE Ester
CR	Fasting Insulin	id_043	0.000	-0.008	0.010	0.898	-0.272	-0.414	-0.121	0.000	-0.271	-0.413	-0.121	0.000	-0.001	-0.041	0.039	0.898	CE(22:6)	Cholesterol Ester	CE Ester
CR	Fasting Insulin	id_044	0.001	-0.005	0.014	0.788	-0.272	-0.420	-0.136	0.000	-0.271	-0.416	-0.133	0.000	-0.004	-0.054	0.022	0.788	CE(24:0)	Cholesterol Ester	CE Ester
CR	Fasting Insulin	id_045	0.001	-0.008	0.012	0.692	-0.273	-0.414	-0.137	0.000	-0.271	-0.414	-0.136	0.000	-0.004	-0.047	0.035	0.692	CE(24:1)	Cholesterol Ester	CE Ester
CR	Fasting Insulin	id_046	-0.004	-0.064	0.015	0.624	-0.268	-0.399	-0.115	0.000	-0.271	-0.406	-0.132	0.000	0.015	-0.056	0.243	0.624	CER(14:0)	Phingolipid s	Ceramide
CR	Fasting Insulin	id_047	-0.002	-0.043	0.010	0.674	-0.269	-0.409	-0.112	0.000	-0.271	-0.418	-0.122	0.000	0.009	-0.038	0.176	0.674	CER(16:0)	Phingolipid s	Ceramide
CR	Fasting Insulin	id_048	-0.021	-0.116	0.005	0.142	-0.251	-0.398	-0.088	0.002	-0.271	-0.417	-0.132	0.000	0.076	-0.020	0.469	0.142	CER(18:0)	Phingolipid s	Ceramide
CR	Fasting Insulin	id_049	-0.007	-0.068	0.010	0.394	-0.265	-0.394	-0.102	0.000	-0.271	-0.409	-0.128	0.000	0.025	-0.033	0.320	0.394	CER(18:1)	Phingolipid s	Ceramide
CR	Fasting Insulin	id_050	-0.003	-0.065	0.017	0.698	-0.268	-0.410	-0.106	0.000	-0.271	-0.408	-0.133	0.000	0.012	-0.066	0.283	0.698	CER(20:0)	Phingolipid s	Ceramide
CR	Fasting Insulin	id_051	-0.012	-0.071	0.003	0.130	-0.259	-0.395	-0.113	0.002	-0.271	-0.410	-0.133	0.002	0.045	-0.012	0.279	0.132	CER(20:1)	Phingolipid s	Ceramide
CR	Fasting Insulin	id_052	-0.002	-0.056	0.016	0.798	-0.269	-0.404	-0.119	0.002	-0.271	-0.408	-0.134	0.000	0.009	-0.056	0.245	0.798	CER(22:0)	Phingolipid s	Ceramide

CR	Fasting Insulin	id_053	-0.022	-0.142	0.002	0.082	-0.250	-0.384	-0.060	0.008	-0.271	-0.420	-0.122	0.000	0.081	-0.005	0.632	0.082	CER(22:1 Sphingolipids	Ceramide
CR	Fasting Insulin	id_054	-0.001	-0.039	0.016	0.890	-0.270	-0.412	-0.102	0.000	-0.271	-0.413	-0.115	0.000	0.004	-0.062	0.189	0.890	CER(24:0 Sphingolipids	Ceramide
CR	Fasting Insulin	id_055	-0.006	-0.038	0.009	0.450	-0.266	-0.415	-0.107	0.000	-0.271	-0.416	-0.131	0.000	0.022	-0.032	0.174	0.450	CER(24:1 Sphingolipids	Ceramide
CR	Fasting Insulin	id_057	-0.006	-0.027	0.009	0.436	-0.266	-0.398	-0.125	0.000	-0.271	-0.403	-0.133	0.000	0.021	-0.032	0.114	0.436	CER(26:1 Sphingolipids	Ceramide
CR	Fasting Insulin	id_116	0.000	-0.028	0.022	0.962	-0.271	-0.418	-0.126	0.002	-0.271	-0.413	-0.130	0.002	0.000	-0.076	0.128	0.964 :0)	DCER(14 Sphingolipids	Dihydroceramide
CR	Fasting Insulin	id_117	-0.004	-0.034	0.008	0.470	-0.267	-0.413	-0.116	0.000	-0.271	-0.417	-0.126	0.000	0.016	-0.028	0.153	0.470 :0)	DCER(16 Sphingolipids	Dihydroceramide
CR	Fasting Insulin	id_118	-0.004	-0.027	0.009	0.478	-0.267	-0.399	-0.116	0.000	-0.271	-0.406	-0.121	0.000	0.016	-0.033	0.109	0.478 :0)	DCER(18 Sphingolipids	Dihydroceramide
CR	Fasting Insulin	id_119	-0.002	-0.013	0.014	0.918	-0.270	-0.417	-0.122	0.000	-0.271	-0.417	-0.123	0.000	0.007	-0.054	0.050	0.918 :1)	DCER(18 Sphingolipids	Dihydroceramide
CR	Fasting Insulin	id_120	-0.003	-0.047	0.009	0.548	-0.268	-0.400	-0.111	0.000	-0.271	-0.405	-0.121	0.000	0.012	-0.030	0.205	0.548 :0)	DCER(20 Sphingolipids	Dihydroceramide
CR	Fasting Insulin	id_121	-0.006	-0.035	0.012	0.372	-0.266	-0.408	-0.114	0.002	-0.271	-0.412	-0.124	0.002	0.020	-0.049	0.160	0.374 :1)	DCER(20 Sphingolipids	Dihydroceramide
CR	Fasting Insulin	id_122	-0.006	-0.079	0.011	0.460	-0.265	-0.403	-0.099	0.000	-0.271	-0.417	-0.118	0.000	0.024	-0.040	0.336	0.460 :0)	DCER(22 Sphingolipids	Dihydroceramide
CR	Fasting Insulin	id_123	0.000	-0.030	0.009	0.978	-0.272	-0.403	-0.124	0.000	-0.271	-0.401	-0.131	0.000	-0.001	-0.032	0.121	0.978 :1)	DCER(22 Sphingolipids	Dihydroceramide
CR	Fasting Insulin	id_124	-0.007	-0.046	0.007	0.328	-0.264	-0.403	-0.109	0.000	-0.271	-0.419	-0.126	0.000	0.027	-0.027	0.205	0.328 :2)	DCER(22 Sphingolipids	Dihydroceramide
CR	Fasting Insulin	id_125	-0.001	-0.040	0.014	0.874	-0.271	-0.415	-0.120	0.000	-0.271	-0.414	-0.124	0.000	0.002	-0.050	0.163	0.874 :0)	DCER(24 Sphingolipids	Dihydroceramide
CR	Fasting Insulin	id_126	-0.002	-0.047	0.007	0.562	-0.269	-0.407	-0.111	0.002	-0.271	-0.413	-0.122	0.002	0.008	-0.027	0.185	0.564 :1)	DCER(24 Sphingolipids	Dihydroceramide
CR	Fasting Insulin	id_128	0.000	-0.008	0.015	0.848	-0.271	-0.407	-0.123	0.000	-0.271	-0.407	-0.122	0.000	0.001	-0.063	0.036	0.848 :1)	DCER(26 Sphingolipids	Dihydroceramide
CR	Fasting Insulin	id_129	0.004	-0.012	0.020	0.554	-0.276	-0.409	-0.123	0.000	-0.271	-0.407	-0.119	0.000	-0.015	-0.104	0.046	0.554 :0)	HCER(14 Sphingolipids	Hexosylceramide
CR	Fasting Insulin	id_130	-0.002	-0.027	0.011	0.706	-0.269	-0.410	-0.119	0.000	-0.271	-0.414	-0.123	0.000	0.008	-0.040	0.109	0.706 :0)	HCER(16 Sphingolipids	Hexosylceramide
CR	Fasting Insulin	id_131	0.003	-0.007	0.014	0.440	-0.275	-0.424	-0.119	0.000	-0.271	-0.420	-0.117	0.000	-0.012	-0.061	0.031	0.440 :0)	HCER(18 Sphingolipids	Hexosylceramide
CR	Fasting Insulin	id_132	-0.004	-0.047	0.010	0.568	-0.267	-0.408	-0.104	0.000	-0.271	-0.417	-0.122	0.000	0.016	-0.037	0.198	0.568 :1)	HCER(18 Sphingolipids	Hexosylceramide

CR	Fasting Insulin	id_133	0.003	-0.007	0.012	0.524	-0.274	-0.414	-0.132	0.000	-0.271	-0.410	-0.129	0.000	-0.009	-0.049	0.030	0.524	HCER(20:0)	Sphingolipids	Hexosylceramide
CR	Fasting Insulin	id_134	-0.006	-0.044	0.009	0.392	-0.266	-0.406	-0.109	0.000	-0.271	-0.415	-0.122	0.000	0.022	-0.032	0.164	0.392	HCER(20:1)	Sphingolipids	Hexosylceramide
CR	Fasting Insulin	id_135	0.004	-0.016	0.016	0.518	-0.276	-0.418	-0.119	0.000	-0.271	-0.415	-0.114	0.000	-0.015	-0.072	0.057	0.518	HCER(22:0)	Sphingolipids	Hexosylceramide
CR	Fasting Insulin	id_136	-0.015	-0.057	0.003	0.104	-0.257	-0.404	-0.124	0.002	-0.271	-0.413	-0.145	0.000	0.054	-0.008	0.224	0.104	HCER(22:1)	Sphingolipids	Hexosylceramide
CR	Fasting Insulin	id_137	0.004	-0.008	0.017	0.514	-0.276	-0.418	-0.143	0.000	-0.271	-0.415	-0.140	0.000	-0.016	-0.070	0.033	0.514	HCER(24:0)	Sphingolipids	Hexosylceramide
CR	Fasting Insulin	id_138	0.000	-0.011	0.011	0.840	-0.272	-0.405	-0.120	0.000	-0.271	-0.403	-0.117	0.000	-0.001	-0.044	0.045	0.840	HCER(24:1)	Sphingolipids	Hexosylceramide
CR	Fasting Insulin	id_139	0.002	-0.011	0.011	0.630	-0.273	-0.412	-0.125	0.000	-0.271	-0.405	-0.127	0.000	-0.007	-0.045	0.037	0.630	HCER(26:0)	Sphingolipids	Hexosylceramide
CR	Fasting Insulin	id_141	0.001	-0.031	0.022	0.992	-0.272	-0.406	-0.119	0.002	-0.271	-0.408	-0.121	0.002	-0.003	-0.117	0.133	0.994	LCER(14:0)	Sphingolipids	Lactosylceramide
CR	Fasting Insulin	id_142	-0.008	-0.039	0.007	0.328	-0.264	-0.402	-0.113	0.002	-0.271	-0.414	-0.125	0.002	0.028	-0.030	0.158	0.330	LCER(16:0)	Sphingolipids	Lactosylceramide
CR	Fasting Insulin	id_144	0.002	-0.008	0.013	0.630	-0.274	-0.403	-0.128	0.000	-0.271	-0.398	-0.126	0.000	-0.008	-0.054	0.034	0.630	LCER(18:1)	Sphingolipids	Lactosylceramide
CR	Fasting Insulin	id_145	0.005	-0.006	0.027	0.416	-0.277	-0.409	-0.145	0.000	-0.271	-0.407	-0.144	0.000	-0.019	-0.105	0.023	0.416	LCER(20:0)	Sphingolipids	Lactosylceramide
CR	Fasting Insulin	id_146	0.002	-0.010	0.014	0.736	-0.273	-0.418	-0.127	0.000	-0.271	-0.416	-0.128	0.000	-0.006	-0.051	0.044	0.736	LCER(20:1)	Sphingolipids	Lactosylceramide
CR	Fasting Insulin	id_147	0.007	-0.013	0.031	0.530	-0.278	-0.424	-0.136	0.000	-0.271	-0.419	-0.128	0.000	-0.025	-0.148	0.053	0.530	LCER(22:0)	Sphingolipids	Lactosylceramide
CR	Fasting Insulin	id_148	-0.001	-0.017	0.011	0.882	-0.270	-0.408	-0.112	0.000	-0.271	-0.410	-0.106	0.000	0.004	-0.047	0.062	0.882	LCER(22:1)	Sphingolipids	Lactosylceramide
CR	Fasting Insulin	id_149	-0.010	-0.049	0.018	0.466	-0.262	-0.396	-0.115	0.000	-0.271	-0.407	-0.126	0.000	0.036	-0.086	0.233	0.466	LCER(24:0)	Sphingolipids	Lactosylceramide
CR	Fasting Insulin	id_152	0.002	-0.018	0.017	0.854	-0.273	-0.409	-0.124	0.000	-0.271	-0.408	-0.125	0.000	-0.006	-0.082	0.072	0.854	LCER(26:1)	Sphingolipids	Lactosylceramide
CR	Fasting Insulin	id_154	0.005	-0.023	0.021	0.440	-0.276	-0.427	-0.126	0.000	-0.271	-0.415	-0.123	0.000	-0.017	-0.087	0.092	0.440	LPC(15:0)	Lysophosphatidylcholine	LPC Ester
CR	Fasting Insulin	id_157	0.007	-0.008	0.022	0.254	-0.279	-0.415	-0.138	0.000	-0.271	-0.408	-0.131	0.000	-0.027	-0.100	0.034	0.254	LPC(17:0)	Lysophosphatidylcholine	LPC Ester
CR	Fasting Insulin	id_170	-0.001	-0.033	0.018	0.918	-0.271	-0.410	-0.114	0.006	-0.271	-0.413	-0.118	0.004	0.002	-0.081	0.136	0.914	LPC(22:6)	Lysophosphatidylcholine	LPC Ester

																			Lysophospha		
																			LPE(20:4)	tidylethanol	LPE Ester
CR	Fasting	id_181	0.000	-0.025	0.015	0.920	-0.271	-0.415	-0.120	0.002	-0.271	-0.408	-0.128	0.002	0.002	-0.052	0.107	0.918	MAG(12:0)	amine	Ester
CR	Fasting	id_186	-0.005	-0.022	0.019	0.548	-0.266	-0.410	-0.125	0.000	-0.271	-0.409	-0.122	0.000	0.019	-0.076	0.090	0.548	MAG(14:1)	MAG	Ester
CR	Fasting	id_188	0.000	-0.005	0.017	0.688	-0.271	-0.411	-0.136	0.004	-0.271	-0.408	-0.134	0.002	0.000	-0.073	0.024	0.690	MAG(15:0)	MAG	Ester
CR	Fasting	id_189	0.000	-0.009	0.015	0.900	-0.271	-0.417	-0.139	0.000	-0.271	-0.417	-0.140	0.000	0.002	-0.061	0.043	0.900	MAG(18:2)	MAG	Ester
CR	Fasting	id_195	-0.004	-0.030	0.010	0.528	-0.268	-0.402	-0.118	0.000	-0.271	-0.407	-0.121	0.000	0.014	-0.040	0.125	0.528	MAG(20:5)	MAG	Ester
CR	Fasting	id_203	0.000	-0.009	0.022	0.650	-0.272	-0.416	-0.125	0.000	-0.271	-0.413	-0.122	0.000	0.000	-0.100	0.039	0.650	MAG(22:0)	MAG	Ester
CR	Fasting	id_204	-0.005	-0.028	0.013	0.468	-0.267	-0.406	-0.120	0.000	-0.271	-0.407	-0.122	0.000	0.017	-0.055	0.116	0.468	MAG(22:1)	MAG	Ester
CR	Fasting	id_205	0.000	-0.019	0.015	0.782	-0.272	-0.416	-0.138	0.000	-0.271	-0.411	-0.137	0.000	0.000	-0.060	0.080	0.782	MAG(22:5)	MAG	Ester
CR	Fasting	id_208	-0.001	-0.014	0.010	0.886	-0.270	-0.411	-0.117	0.000	-0.271	-0.410	-0.119	0.000	0.004	-0.035	0.062	0.886	MAG(22:6)	MAG	Ester
CR	Fasting	id_209	-0.001	-0.007	0.021	0.904	-0.271	-0.417	-0.133	0.000	-0.271	-0.413	-0.130	0.000	0.003	-0.090	0.030	0.904	PC(15:0/18:2)	Phosphatidyl choline	PC Ester
CR	Fasting	id_228	-0.015	-0.061	0.000	0.052	-0.256	-0.388	-0.106	0.000	-0.271	-0.408	-0.121	0.000	0.057	0.000	0.243	0.052	PC(15:0/20:4)	Phosphatidyl choline	PC Ester
CR	Fasting	id_230	-0.004	-0.024	0.009	0.554	-0.267	-0.407	-0.123	0.000	-0.271	-0.405	-0.125	0.000	0.016	-0.032	0.107	0.554	PC(16:0/18:2)	Phosphatidyl choline	PC Ester
CR	Fasting	id_241	-0.010	-0.040	0.004	0.158	-0.262	-0.401	-0.112	0.002	-0.271	-0.415	-0.118	0.002	0.036	-0.012	0.170	0.160	PC(17:0/18:2)	Phosphatidyl choline	PC Ester
CR	Fasting	id_254	-0.003	-0.035	0.009	0.560	-0.268	-0.414	-0.105	0.000	-0.271	-0.419	-0.111	0.000	0.012	-0.030	0.144	0.560	PC(17:0/20:4)	Phosphatidyl choline	PC Ester
CR	Fasting	id_257	-0.002	-0.026	0.015	0.818	-0.269	-0.405	-0.127	0.000	-0.271	-0.405	-0.127	0.000	0.008	-0.061	0.118	0.818	PC(18:0/20:4)	Phosphatidyl choline	PC Ester
CR	Fasting	id_272	-0.010	-0.048	0.011	0.384	-0.262	-0.419	-0.115	0.000	-0.271	-0.420	-0.135	0.000	0.036	-0.036	0.262	0.384	PC(18:1/18:2)	Phosphatidyl choline	PC Ester
CR	Fasting	id_279	0.001	-0.013	0.011	0.734	-0.273	-0.421	-0.123	0.002	-0.271	-0.420	-0.132	0.002	-0.004	-0.044	0.050	0.732	PC(18:1/20:3)	Phosphatidyl choline	PC Ester
CR	Fasting	id_283	-0.012	-0.094	0.007	0.276	-0.259	-0.405	-0.093	0.002	-0.271	-0.411	-0.135	0.002	0.046	-0.024	0.445	0.278	PC(18:1/20:4)	Phosphatidyl choline	PC Ester
CR	Fasting	id_284	-0.010	-0.040	0.008	0.254	-0.261	-0.404	-0.112	0.000	-0.271	-0.408	-0.127	0.000	0.037	-0.030	0.194	0.254	PC(18:2/16:1)	Phosphatidyl choline	PC Ester
CR	Fasting	id_289	-0.016	-0.071	0.003	0.084	-0.256	-0.390	-0.106	0.000	-0.271	-0.407	-0.136	0.000	0.059	-0.007	0.307	0.084			

CR	Fasting Insulin	id_354	0.001	-0.037	0.018	0.968	-0.273	-0.416	-0.121	0.000	-0.271	-0.419	-0.122	0.002	-0.005	-0.082	0.154	0.970	PE(18:1/22:0)	Phosphatidyl ethanolamine PE Ester
CR	Fasting Insulin	id_386	-0.007	-0.037	0.012	0.490	-0.264	-0.405	-0.110	0.000	-0.271	-0.415	-0.123	0.000	0.026	-0.048	0.172	0.490	PE(P-16:0/18:1)	Phosphatidyl ethanolamine PE Plasmalogen
CR	Fasting Insulin	id_398	-0.001	-0.032	0.016	0.938	-0.270	-0.416	-0.124	0.000	-0.271	-0.414	-0.130	0.000	0.004	-0.066	0.129	0.938	PE(P-18:0/16:0)	Phosphatidyl ethanolamine PE Plasmalogen
CR	Fasting Insulin	id_405	-0.009	-0.062	0.012	0.438	-0.263	-0.409	-0.099	0.000	-0.271	-0.418	-0.121	0.000	0.032	-0.043	0.260	0.438	PE(P-18:0/20:3)	Phosphatidyl ethanolamine PE Plasmalogen
CR	Fasting Insulin	id_414	0.000	-0.019	0.021	0.988	-0.272	-0.411	-0.127	0.000	-0.271	-0.411	-0.129	0.000	0.000	-0.083	0.088	0.988	PE(P-18:1/18:1)	Phosphatidyl ethanolamine PE Plasmalogen
CR	Fasting Insulin	id_448	-0.004	-0.066	0.013	0.620	-0.267	-0.394	-0.107	0.000	-0.271	-0.408	-0.126	0.000	0.016	-0.048	0.277	0.620	SM(14:0)	Sphingolipids Sphingomyelin
CR	Fasting Insulin	id_449	0.001	-0.019	0.012	0.816	-0.272	-0.410	-0.115	0.000	-0.271	-0.411	-0.114	0.000	-0.003	-0.045	0.080	0.816	SM(16:0)	Sphingolipids Sphingomyelin
CR	Fasting Insulin	id_450	-0.011	-0.074	0.006	0.234	-0.261	-0.398	-0.100	0.002	-0.271	-0.407	-0.119	0.000	0.039	-0.021	0.331	0.234	SM(18:0)	Sphingolipids Sphingomyelin
CR	Fasting Insulin	id_451	-0.008	-0.064	0.010	0.406	-0.263	-0.400	-0.104	0.002	-0.271	-0.417	-0.124	0.000	0.031	-0.040	0.284	0.406	SM(18:1)	Sphingolipids Sphingomyelin
CR	Fasting Insulin	id_452	-0.008	-0.071	0.010	0.374	-0.263	-0.398	-0.102	0.006	-0.271	-0.406	-0.128	0.002	0.030	-0.040	0.295	0.376	SM(20:0)	Sphingolipids Sphingomyelin
CR	Fasting Insulin	id_453	-0.008	-0.056	0.011	0.402	-0.264	-0.400	-0.106	0.002	-0.271	-0.417	-0.125	0.002	0.028	-0.039	0.257	0.404	SM(20:1)	Sphingolipids Sphingomyelin
CR	Fasting Insulin	id_454	-0.008	-0.078	0.008	0.352	-0.264	-0.395	-0.107	0.002	-0.271	-0.411	-0.130	0.000	0.028	-0.030	0.315	0.352	SM(22:0)	Sphingolipids Sphingomyelin
CR	Fasting Insulin	id_455	-0.006	-0.067	0.010	0.468	-0.266	-0.408	-0.103	0.000	-0.271	-0.414	-0.131	0.000	0.020	-0.033	0.276	0.468	SM(22:1)	Sphingolipids Sphingomyelin
CR	Fasting Insulin	id_456	-0.008	-0.046	0.006	0.252	-0.264	-0.404	-0.115	0.000	-0.271	-0.418	-0.131	0.000	0.029	-0.019	0.222	0.252	SM(24:0)	Sphingolipids Sphingomyelin
CR	Fasting Insulin	id_457	-0.004	-0.021	0.014	0.670	-0.268	-0.400	-0.117	0.000	-0.271	-0.400	-0.120	0.000	0.014	-0.055	0.086	0.670	SM(24:1)	Sphingolipids Sphingomyelin
CR	Fasting Insulin	id_458	0.003	-0.019	0.016	0.582	-0.275	-0.421	-0.128	0.002	-0.271	-0.415	-0.130	0.000	-0.011	-0.066	0.073	0.582	SM(26:0)	Sphingolipids Sphingomyelin
CR	Fasting Insulin	id_459	0.000	-0.006	0.012	0.654	-0.272	-0.417	-0.131	0.000	-0.271	-0.416	-0.126	0.000	-0.002	-0.051	0.025	0.654	SM(26:1)	Sphingolipids Sphingomyelin
CR	Fasting Insulin	id_660	-0.015	-0.189	0.001	0.078	-0.256	-0.393	-0.016	0.032	-0.271	-0.416	-0.132	0.000	0.055	-0.005	0.892	0.078	TAG51:3-FA16:0	Triacylglycerol TAG Ester

CR	Fasting Insulin	id_663	-0.021	-0.163	-0.001	0.038	-0.250	-0.395	-0.040	0.006	-0.271	-0.412	-0.127	0.000	0.078	0.002	0.724	0.038	TAG51:3- Triacylglycer FA18:1 ol TAG Ester		
CR	Fasting Insulin	id_667	-0.016	-0.180	0.000	0.054	-0.255	-0.385	-0.038	0.020	-0.271	-0.407	-0.133	0.000	0.060	-0.001	0.800	0.054	TAG51:4- Triacylglycer FA16:0 ol TAG Ester		
CR	Fasting Insulin	id_755	0.001	-0.036	0.009	0.738	-0.273	-0.408	-0.121	0.000	-0.271	-0.415	-0.122	0.000	-0.004	-0.040	0.141	0.738	TAG53:3- Triacylglycer FA18:0 ol TAG Ester		
CR	Fasting Insulin	id_760	0.001	-0.055	0.009	0.932	-0.272	-0.403	-0.130	0.000	-0.271	-0.413	-0.137	0.000	-0.003	-0.031	0.213	0.932	TAG53:4- Triacylglycer FA18:0 ol TAG Ester		
CR	Fasting Insulin	id_761	-0.003	-0.135	0.006	0.440	-0.268	-0.402	-0.067	0.012	-0.271	-0.415	-0.117	0.000	0.013	-0.019	0.635	0.440	TAG53:4- Triacylglycer FA18:1 ol TAG Ester		
CR	Fasting Insulin	id_765	0.001	-0.036	0.010	0.810	-0.272	-0.414	-0.116	0.002	-0.271	-0.414	-0.121	0.002	-0.003	-0.039	0.154	0.808	TAG53:5- Triacylglycer FA18:1 ol TAG Ester		
CR	Fasting Insulin	id_766	-0.002	-0.101	0.006	0.494	-0.269	-0.395	-0.082	0.008	-0.271	-0.402	-0.119	0.000	0.009	-0.022	0.437	0.494	TAG53:5- Triacylglycer FA18:2 ol TAG Ester		
CR	Fasting Insulin	id_769	0.002	-0.006	0.014	0.310	-0.273	-0.409	-0.127	0.000	-0.271	-0.404	-0.125	0.000	-0.007	-0.057	0.026	0.310	TAG53:6- Triacylglycer FA18:1 ol TAG Ester		
CR	Fasting Insulin	id_770	-0.004	-0.080	0.006	0.378	-0.268	-0.398	-0.106	0.000	-0.271	-0.408	-0.126	0.000	0.014	-0.019	0.310	0.378	TAG53:6- Triacylglycer FA18:2 ol TAG Ester		
CR	Fasting Insulin	id_771	-0.001	-0.073	0.009	0.726	-0.271	-0.403	-0.103	0.004	-0.271	-0.412	-0.115	0.004	0.003	-0.029	0.267	0.730	TAG53:6- Triacylglycer FA18:3 ol TAG Ester		
CR	Fasting Insulin	id_773	-0.002	-0.054	0.007	0.604	-0.269	-0.399	-0.118	0.000	-0.271	-0.409	-0.120	0.000	0.008	-0.025	0.221	0.604	TAG53:7- Triacylglycer FA18:3 ol TAG Ester		
CR	Fasting Insulin	id_856	0.000	-0.045	0.009	0.956	-0.271	-0.408	-0.121	0.002	-0.271	-0.410	-0.128	0.002	0.000	-0.032	0.172	0.958	TAG55:6- Triacylglycer FA18:1 ol TAG Ester		
CR	Fasting Insulin	id_857	0.001	-0.024	0.013	0.638	-0.272	-0.408	-0.116	0.000	-0.271	-0.404	-0.117	0.000	-0.002	-0.055	0.093	0.638	TAG55:6- Triacylglycer FA20:3 ol TAG Ester		
CR	Fasting Insulin	id_860	-0.007	-0.099	0.005	0.254	-0.265	-0.402	-0.089	0.000	-0.271	-0.409	-0.125	0.000	0.025	-0.016	0.409	0.254	TAG55:7- Triacylglycer FA18:1 ol TAG Ester		
CR	Fasting Insulin	id_861	0.002	-0.012	0.010	0.478	-0.274	-0.410	-0.114	0.000	-0.271	-0.408	-0.114	0.000	-0.008	-0.037	0.046	0.478	TAG55:7- Triacylglycer FA20:3 ol TAG Ester		
CR	Fasting Insulin	id_862	0.001	-0.016	0.012	0.480	-0.273	-0.420	-0.124	0.000	-0.271	-0.419	-0.123	0.002	-0.005	-0.048	0.065	0.482	TAG55:7- Triacylglycer FA20:4 ol TAG Ester		
CR	Fasting Insulin	id_864	-0.001	-0.045	0.013	0.836	-0.271	-0.407	-0.131	0.002	-0.271	-0.410	-0.137	0.002	0.003	-0.052	0.163	0.838	TAG55:8- Triacylglycer FA20:4 ol TAG Ester		
CR	Fasting Insulin	id_939	0.001	-0.004	0.019	0.208	-0.273	-0.421	-0.133	0.002	-0.271	-0.415	-0.130	0.002	-0.005	-0.081	0.015	0.206	TAG57:9- Triacylglycer FA22:6 ol TAG Ester		
CR	Fasting Insulin	id_978	-0.008	-0.066	0.007	0.266	-0.263	-0.398	-0.090	0.000	-0.271	-0.407	-0.118	0.000	0.031	-0.023	0.325	0.266	Total CE Neutral Complex Lipids SUM Cholesteryl Esters		
CR	Fasting Insulin	id_979	-0.003	-0.055	0.013	0.704	-0.269	-0.407	-0.118	0.000	-0.271	-0.409	-0.137	0.000	0.010	-0.050	0.217	0.704	Total CER Sphingolipid SUM Ceramides		

CR	Fasting Insulin	id_981	-0.002	-0.062	0.011	0.678	-0.270	-0.403	-0.113	0.000	-0.271	-0.410	-0.127	0.000	0.007	-0.042	0.254	0.678	Total DCER	Sphingolipid SUM	Dihydroceramides
CR	Fasting Insulin	id_982	0.002	-0.009	0.013	0.604	-0.274	-0.425	-0.115	0.002	-0.271	-0.419	-0.116	0.000	-0.008	-0.052	0.036	0.604	Total HCER	Sphingolipid SUM	Hexosylceramides
CR	Fasting Insulin	id_983	-0.006	-0.037	0.010	0.516	-0.266	-0.406	-0.122	0.000	-0.271	-0.415	-0.135	0.000	0.020	-0.040	0.164	0.516	Total LCER	Sphingolipid SUM	Lactosylceramides
CR	Fasting Insulin	id_987	-0.011	-0.061	0.004	0.144	-0.260	-0.397	-0.102	0.000	-0.271	-0.409	-0.121	0.000	0.041	-0.012	0.280	0.144	Total PC	Phospholipid SUM	Phosphatidylcholines
CR	Fasting Insulin	id_990	-0.004	-0.054	0.009	0.526	-0.268	-0.406	-0.111	0.000	-0.271	-0.411	-0.132	0.000	0.013	-0.031	0.261	0.526	Total SM	Sphingolipid SUM	Sphingomyelins
CR	Fasting Insulin	id_039	0.000	-0.007	0.008	0.954	-0.272	-0.412	-0.123	0.002	-0.271	-0.415	-0.127	0.002	0.000	-0.032	0.032	0.952	CE(22:1)	Cholesterol Ester	CE Ester
CR	Fasting Insulin	id_060	0.000	-0.062	0.017	0.978	-0.272	-0.419	-0.102	0.000	-0.271	-0.417	-0.108	0.000	-0.001	-0.075	0.247	0.978	DAG(12:0/18:1)	Diacylglycerol	DAG Ester
CR	Fasting Insulin	id_071	-0.014	-0.051	0.010	0.242	-0.258	-0.403	-0.111	0.000	-0.271	-0.412	-0.130	0.000	0.050	-0.036	0.228	0.242	DAG(14:1/16:0)	Diacylglycerol	DAG Ester
CR	Fasting Insulin	id_072	0.000	-0.007	0.014	0.850	-0.271	-0.414	-0.126	0.000	-0.271	-0.414	-0.128	0.000	0.000	-0.058	0.031	0.850	DAG(14:1/18:1)	Diacylglycerol	DAG Ester
CR	Fasting Insulin	id_150	-0.021	-0.053	0.001	0.068	-0.251	-0.397	-0.101	0.000	-0.271	-0.415	-0.126	0.000	0.076	-0.005	0.234	0.068	LCER(24:1)	Sphingolipids	Lactosylceramide
CR	Fasting Insulin	id_151	-0.006	-0.033	0.013	0.558	-0.266	-0.406	-0.126	0.000	-0.271	-0.409	-0.129	0.000	0.021	-0.053	0.138	0.558	LCER(26:0)	Sphingolipids	Lactosylceramide
CR	Fasting Insulin	id_160	0.004	-0.023	0.017	0.664	-0.275	-0.416	-0.130	0.000	-0.271	-0.413	-0.131	0.000	-0.013	-0.081	0.099	0.664	LPC(18:2)	Lysophosphatidylcholine	LPC Ester
CR	Fasting Insulin	id_196	-0.008	-0.052	0.005	0.236	-0.263	-0.394	-0.123	0.000	-0.271	-0.405	-0.138	0.000	0.030	-0.016	0.203	0.236	MAG(18:3)	MAG	Ester
CR	Fasting Insulin	id_199	-0.001	-0.014	0.010	0.994	-0.271	-0.411	-0.138	0.000	-0.271	-0.407	-0.140	0.000	0.003	-0.041	0.060	0.994	MAG(20:1)	MAG	Ester
CR	Fasting Insulin	id_200	-0.001	-0.016	0.013	0.916	-0.271	-0.416	-0.122	0.000	-0.271	-0.411	-0.126	0.000	0.002	-0.048	0.067	0.916	MAG(20:2)	MAG	Ester
CR	Fasting Insulin	id_201	-0.003	-0.026	0.011	0.692	-0.269	-0.409	-0.121	0.002	-0.271	-0.412	-0.121	0.002	0.010	-0.047	0.099	0.690	MAG(20:3)	MAG	Ester
CR	Fasting Insulin	id_251	0.001	-0.008	0.011	0.880	-0.272	-0.419	-0.126	0.000	-0.271	-0.418	-0.124	0.000	-0.002	-0.038	0.038	0.880	PC(16:0/22:6)	Phosphatidylcholine	PC Ester
CR	Fasting Insulin	id_288	0.001	-0.010	0.014	0.764	-0.272	-0.411	-0.120	0.000	-0.271	-0.409	-0.123	0.000	-0.004	-0.056	0.054	0.764	PC(18:1/22:6)	Phosphatidylcholine	PC Ester
CR	Fasting Insulin	id_293	-0.014	-0.046	0.003	0.118	-0.257	-0.398	-0.102	0.002	-0.271	-0.409	-0.119	0.000	0.052	-0.012	0.185	0.118	PC(18:2/20:2)	Phosphatidylcholine	PC Ester
CR	Fasting Insulin	id_298	0.000	-0.014	0.015	0.904	-0.272	-0.415	-0.136	0.002	-0.271	-0.412	-0.135	0.002	-0.001	-0.063	0.054	0.902	PC(18:2/22:5)	Phosphatidylcholine	PC Ester

CR	Fasting Insulin	id_332	-0.009	-0.028	0.010	0.272	-0.263	-0.395	-0.117	0.000	-0.271	-0.402	-0.130	0.000	0.033	-0.045	0.122	0.272	PE(18:0/18:0)	Phosphatidyl ethanolamine	PE Ester
CR	Fasting Insulin	id_359	-0.011	-0.038	0.010	0.206	-0.260	-0.411	-0.112	0.000	-0.271	-0.422	-0.126	0.000	0.041	-0.038	0.152	0.206	PE(18:2/16:1)	Phosphatidyl ethanolamine	PE Ester
CR	Fasting Insulin	id_366	-0.018	-0.053	0.004	0.130	-0.253	-0.395	-0.114	0.000	-0.271	-0.409	-0.135	0.000	0.068	-0.015	0.214	0.130	PE(O-16:0/18:2)	Phosphatidyl ethanolamine	PE Ether
CR	Fasting Insulin	id_368	-0.015	-0.046	0.006	0.196	-0.256	-0.391	-0.110	0.002	-0.271	-0.405	-0.129	0.000	0.056	-0.028	0.214	0.196	PE(O-16:0/20:4)	Phosphatidyl ethanolamine	PE Ether
CR	Fasting Insulin	id_372	-0.001	-0.010	0.019	0.990	-0.270	-0.406	-0.124	0.000	-0.271	-0.408	-0.125	0.000	0.005	-0.082	0.045	0.990	PE(O-16:0/22:6)	Phosphatidyl ethanolamine	PE Ether
CR	Fasting Insulin	id_378	-0.015	-0.045	0.010	0.206	-0.256	-0.403	-0.112	0.000	-0.271	-0.416	-0.124	0.000	0.057	-0.035	0.178	0.206	PE(O-18:0/20:4)	Phosphatidyl ethanolamine	PE Ether
CR	Fasting Insulin	id_381	-0.010	-0.061	0.012	0.404	-0.262	-0.412	-0.101	0.000	-0.271	-0.413	-0.128	0.000	0.035	-0.042	0.293	0.404	PE(O-18:0/22:5)	Phosphatidyl ethanolamine	PE Ether
CR	Fasting Insulin	id_382	-0.001	-0.007	0.020	0.838	-0.271	-0.402	-0.112	0.000	-0.271	-0.399	-0.111	0.000	0.002	-0.091	0.029	0.838	PE(O-18:0/22:6)	Phosphatidyl ethanolamine	PE Ether
CR	Fasting Insulin	id_387	-0.012	-0.059	0.010	0.304	-0.259	-0.392	-0.098	0.000	-0.271	-0.403	-0.121	0.000	0.045	-0.040	0.259	0.304	PE(P-16:0/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	Fasting Insulin	id_392	-0.033	-0.088	-0.003	0.032	-0.239	-0.373	-0.098	0.002	-0.271	-0.406	-0.138	0.000	0.121	0.013	0.387	0.032	PE(P-16:0/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	Fasting Insulin	id_395	-0.019	-0.087	0.006	0.170	-0.253	-0.394	-0.102	0.002	-0.271	-0.415	-0.124	0.000	0.069	-0.022	0.347	0.170	PE(P-16:0/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	Fasting Insulin	id_396	-0.007	-0.024	0.016	0.446	-0.265	-0.416	-0.113	0.002	-0.271	-0.420	-0.115	0.002	0.026	-0.069	0.109	0.444	PE(P-16:0/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	Fasting Insulin	id_401	-0.002	-0.031	0.020	0.858	-0.270	-0.419	-0.120	0.002	-0.271	-0.420	-0.125	0.002	0.007	-0.076	0.126	0.860	PE(P-18:0/18:1)	Phosphatidyl ethanolamine	PE Plasmalogen

CR	Fasting Insulin	id_402	0.000	-0.027	0.025	0.876	-0.272	-0.427	-0.124	0.000	-0.271	-0.426	-0.123	0.000	-0.002	-0.117	0.094	0.876	PE(P-18:0/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	Fasting Insulin	id_406	-0.019	-0.057	0.003	0.084	-0.252	-0.390	-0.113	0.000	-0.271	-0.411	-0.134	0.000	0.071	-0.010	0.256	0.084	PE(P-18:0/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	Fasting Insulin	id_409	-0.016	-0.072	0.009	0.222	-0.256	-0.388	-0.101	0.000	-0.271	-0.414	-0.129	0.000	0.058	-0.033	0.306	0.222	PE(P-18:0/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	Fasting Insulin	id_410	0.000	-0.008	0.012	0.830	-0.271	-0.411	-0.120	0.000	-0.271	-0.409	-0.122	0.000	0.001	-0.053	0.028	0.830	PE(P-18:0/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	Fasting Insulin	id_411	-0.004	-0.022	0.011	0.652	-0.268	-0.412	-0.125	0.000	-0.271	-0.413	-0.130	0.000	0.013	-0.038	0.110	0.652	PE(P-18:1/16:0)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	Fasting Insulin	id_415	-0.012	-0.051	0.012	0.342	-0.260	-0.408	-0.121	0.000	-0.271	-0.415	-0.130	0.000	0.044	-0.060	0.190	0.342	PE(P-18:1/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	Fasting Insulin	id_419	-0.031	-0.081	-0.004	0.016	-0.241	-0.379	-0.085	0.004	-0.271	-0.408	-0.123	0.002	0.114	0.014	0.379	0.018	PE(P-18:1/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	Fasting Insulin	id_421	-0.026	-0.087	-0.001	0.040	-0.246	-0.392	-0.093	0.000	-0.271	-0.427	-0.130	0.000	0.095	0.004	0.366	0.040	PE(P-18:1/22:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	Fasting Insulin	id_422	-0.018	-0.082	0.007	0.180	-0.253	-0.394	-0.096	0.000	-0.271	-0.408	-0.128	0.000	0.067	-0.027	0.348	0.180	PE(P-18:1/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	Fasting Insulin	id_423	-0.004	-0.018	0.016	0.678	-0.267	-0.401	-0.114	0.000	-0.271	-0.408	-0.118	0.000	0.015	-0.072	0.079	0.678	PE(P-18:1/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	Fasting Insulin	id_424	-0.007	-0.034	0.010	0.492	-0.264	-0.404	-0.121	0.000	-0.271	-0.411	-0.134	0.000	0.026	-0.047	0.147	0.492	PE(P-18:2/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	Fasting Insulin	id_425	-0.013	-0.041	0.006	0.222	-0.259	-0.405	-0.109	0.002	-0.271	-0.419	-0.121	0.000	0.046	-0.026	0.184	0.222	PE(P-18:2/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	Fasting Insulin	id_023	-0.023	-0.077	0.017	0.302	-0.010	-0.223	0.195	0.908	-0.033	-0.237	0.168	0.752	0.684	-4.330	4.052	0.814	CE(15:0)	Cholesterol Ester	CE Ester
AL	Fasting Insulin	id_024	-0.008	-0.063	0.045	0.746	-0.025	-0.215	0.162	0.798	-0.033	-0.243	0.166	0.762	0.231	-2.277	3.994	0.800	CE(16:0)	Cholesterol Ester	CE Ester

AL	Fasting	id_026	-0.018	-0.076	0.036	0.444	-0.015	-0.224	0.177	0.868	-0.033	-0.237	0.159	0.732	0.531	-3.298	4.104	0.740	CE(17:0)	Cholesterol Ester	CE Ester
AL	Fasting	id_027	-0.015	-0.072	0.033	0.510	-0.018	-0.219	0.177	0.824	-0.033	-0.238	0.175	0.722	0.464	-3.964	2.646	0.808	CE(18:0)	Cholesterol Ester	CE Ester
AL	Fasting	id_028	-0.012	-0.064	0.027	0.590	-0.021	-0.200	0.176	0.824	-0.033	-0.217	0.167	0.716	0.367	-1.922	3.189	0.810	CE(18:1)	Cholesterol Ester	CE Ester
AL	Fasting	id_029	-0.014	-0.072	0.044	0.616	-0.019	-0.223	0.194	0.856	-0.033	-0.242	0.182	0.748	0.414	-3.077	4.058	0.792	CE(18:2)	Cholesterol Ester	CE Ester
AL	Fasting	id_033	-0.010	-0.045	0.014	0.408	-0.023	-0.241	0.177	0.812	-0.033	-0.241	0.166	0.744	0.307	-2.211	1.834	0.904	CE(20:1)	Cholesterol Ester	CE Ester
AL	Fasting	id_034	-0.018	-0.087	0.051	0.630	-0.015	-0.206	0.194	0.846	-0.033	-0.233	0.190	0.728	0.541	-5.181	4.851	0.714	CE(20:2)	Cholesterol Ester	CE Ester
AL	Fasting	id_035	-0.008	-0.083	0.065	0.840	-0.025	-0.222	0.193	0.820	-0.033	-0.241	0.180	0.762	0.254	-2.571	4.262	0.714	CE(20:3)	Cholesterol Ester	CE Ester
AL	Fasting	id_036	0.006	-0.050	0.074	0.846	-0.039	-0.223	0.162	0.712	-0.033	-0.220	0.173	0.770	-0.192	-2.632	2.925	0.904	CE(20:4)	Cholesterol Ester	CE Ester
AL	Fasting	id_041	-0.001	-0.038	0.025	0.908	-0.031	-0.221	0.173	0.818	-0.033	-0.230	0.170	0.786	0.045	-1.829	2.175	0.906	CE(22:4)	Cholesterol Ester	CE Ester
AL	Fasting	id_042	0.008	-0.024	0.043	0.628	-0.041	-0.241	0.167	0.700	-0.033	-0.230	0.178	0.734	-0.250	-1.732	1.603	0.990	CE(22:5)	Cholesterol Ester	CE Ester
AL	Fasting	id_043	0.003	-0.018	0.039	0.736	-0.036	-0.246	0.168	0.708	-0.033	-0.240	0.170	0.720	-0.099	-1.099	1.165	0.920	CE(22:6)	Cholesterol Ester	CE Ester
AL	Fasting	id_044	0.000	-0.022	0.017	0.838	-0.033	-0.232	0.183	0.782	-0.033	-0.228	0.177	0.758	0.003	-0.861	1.896	0.952	CE(24:0)	Cholesterol Ester	CE Ester
AL	Fasting	id_045	0.004	-0.023	0.038	0.692	-0.037	-0.242	0.179	0.690	-0.033	-0.234	0.171	0.736	-0.135	-1.362	1.495	0.796	CE(24:1)	Cholesterol Ester	CE Ester
AL	Fasting	id_046	-0.007	-0.062	0.045	0.792	-0.026	-0.219	0.178	0.790	-0.033	-0.229	0.183	0.744	0.210	-2.602	2.753	0.796	CER(14:0)	Sphingolipid s	Ceramide
AL	Fasting	id_047	0.003	-0.043	0.056	0.868	-0.036	-0.223	0.158	0.652	-0.033	-0.226	0.163	0.670	-0.098	-2.342	2.610	0.866	CER(16:0)	Sphingolipid s	Ceramide
AL	Fasting	id_048	0.011	-0.068	0.103	0.840	-0.044	-0.234	0.139	0.598	-0.033	-0.228	0.167	0.666	-0.348	-4.765	3.419	0.822	CER(18:0)	Sphingolipid s	Ceramide
AL	Fasting	id_049	-0.006	-0.050	0.039	0.740	-0.027	-0.227	0.174	0.794	-0.033	-0.245	0.171	0.750	0.192	-1.876	2.915	0.778	CER(18:1)	Sphingolipid s	Ceramide
AL	Fasting	id_050	0.012	-0.055	0.101	0.742	-0.045	-0.249	0.150	0.654	-0.033	-0.253	0.173	0.770	-0.358	-5.254	7.014	0.852	CER(20:0)	Sphingolipid s	Ceramide
AL	Fasting	id_051	-0.022	-0.084	0.035	0.442	-0.010	-0.211	0.190	0.942	-0.033	-0.242	0.168	0.760	0.682	-5.137	3.054	0.722	CER(20:1)	Sphingolipid s	Ceramide
AL	Fasting	id_052	0.006	-0.060	0.075	0.856	-0.039	-0.243	0.137	0.672	-0.033	-0.237	0.161	0.730	-0.176	-4.287	3.514	0.870	CER(22:0)	Sphingolipid s	Ceramide

AL	Fasting Insulin	id_053	-0.021	-0.090	0.053	0.580	-0.012	-0.205	0.186	0.880	-0.033	-0.229	0.174	0.728	0.632	-4.383	3.359	0.716	CER(22:1 Sphingolipids	Ceramide
AL	Fasting Insulin	id_054	-0.005	-0.053	0.045	0.832	-0.028	-0.220	0.182	0.742	-0.033	-0.225	0.182	0.740	0.142	-2.519	2.806	0.840	CER(24:0 Sphingolipids	Ceramide
AL	Fasting Insulin	id_055	0.004	-0.037	0.057	0.856	-0.037	-0.215	0.173	0.768	-0.033	-0.215	0.171	0.770	-0.111	-2.158	3.951	0.898	CER(24:1 Sphingolipids	Ceramide
AL	Fasting Insulin	id_057	-0.008	-0.050	0.022	0.568	-0.025	-0.228	0.169	0.772	-0.033	-0.231	0.163	0.704	0.248	-1.507	2.116	0.824	CER(26:1 Sphingolipids	Ceramide
AL	Fasting Insulin	id_116	0.001	-0.055	0.019	0.756	-0.034	-0.225	0.189	0.800	-0.033	-0.232	0.174	0.760	-0.026	-1.198	1.699	0.860	DCER(14 Sphingolipids	Dihydroceramide
AL	Fasting Insulin	id_117	0.008	-0.058	0.072	0.746	-0.041	-0.231	0.159	0.710	-0.033	-0.236	0.175	0.766	-0.254	-3.780	2.811	0.932	DCER(16 Sphingolipids	Dihydroceramide
AL	Fasting Insulin	id_118	-0.007	-0.058	0.058	0.784	-0.026	-0.216	0.173	0.806	-0.033	-0.217	0.167	0.792	0.212	-3.314	3.092	0.760	DCER(18 Sphingolipids	Dihydroceramide
AL	Fasting Insulin	id_119	0.010	-0.040	0.079	0.688	-0.043	-0.242	0.151	0.702	-0.033	-0.229	0.174	0.766	-0.299	-2.828	3.078	0.998	DCER(18 Sphingolipids	Dihydroceramide
AL	Fasting Insulin	id_120	-0.005	-0.075	0.062	0.822	-0.028	-0.215	0.176	0.770	-0.033	-0.236	0.177	0.760	0.162	-3.631	3.140	0.758	DCER(20 Sphingolipids	Dihydroceramide
AL	Fasting Insulin	id_121	-0.002	-0.057	0.054	0.948	-0.031	-0.236	0.171	0.782	-0.033	-0.244	0.176	0.778	0.058	-3.172	2.340	0.838	DCER(20 Sphingolipids	Dihydroceramide
AL	Fasting Insulin	id_122	-0.008	-0.084	0.075	0.844	-0.025	-0.201	0.156	0.796	-0.033	-0.230	0.162	0.748	0.233	-3.791	5.785	0.696	DCER(22 Sphingolipids	Dihydroceramide
AL	Fasting Insulin	id_123	0.002	-0.037	0.035	0.994	-0.035	-0.231	0.170	0.716	-0.033	-0.231	0.169	0.722	-0.063	-1.503	1.463	0.956	DCER(22 Sphingolipids	Dihydroceramide
AL	Fasting Insulin	id_124	-0.005	-0.038	0.032	0.776	-0.028	-0.237	0.178	0.786	-0.033	-0.234	0.176	0.772	0.162	-1.503	1.792	0.976	DCER(22 Sphingolipids	Dihydroceramide
AL	Fasting Insulin	id_125	-0.008	-0.064	0.053	0.738	-0.025	-0.220	0.166	0.774	-0.033	-0.236	0.159	0.754	0.236	-2.874	2.682	0.780	DCER(24 Sphingolipids	Dihydroceramide
AL	Fasting Insulin	id_126	-0.012	-0.066	0.038	0.660	-0.021	-0.213	0.182	0.852	-0.033	-0.227	0.173	0.750	0.352	-3.822	4.734	0.750	DCER(24 Sphingolipids	Dihydroceramide
AL	Fasting Insulin	id_128	0.000	-0.015	0.025	0.872	-0.033	-0.236	0.166	0.734	-0.033	-0.231	0.165	0.736	0.001	-0.635	0.603	0.908	DCER(26 Sphingolipids	Dihydroceramide
AL	Fasting Insulin	id_129	0.008	-0.031	0.044	0.702	-0.041	-0.249	0.158	0.672	-0.033	-0.244	0.166	0.690	-0.234	-1.872	1.470	0.968	HCER(14 Sphingolipids	Hexosylceramide
AL	Fasting Insulin	id_130	0.001	-0.020	0.020	0.972	-0.034	-0.233	0.166	0.758	-0.033	-0.239	0.168	0.752	-0.038	-0.768	0.687	0.952	HCER(16 Sphingolipids	Hexosylceramide
AL	Fasting Insulin	id_131	0.003	-0.019	0.043	0.780	-0.036	-0.240	0.171	0.726	-0.033	-0.227	0.172	0.750	-0.093	-1.613	1.668	0.958	HCER(18 Sphingolipids	Hexosylceramide
AL	Fasting Insulin	id_132	-0.008	-0.046	0.015	0.556	-0.025	-0.231	0.170	0.824	-0.033	-0.241	0.166	0.754	0.255	-1.506	1.709	0.822	HCER(18 Sphingolipids	Hexosylceramide

AL	Fasting Insulin	id_133	0.010	-0.017	0.042	0.522	-0.043	-0.229	0.167	0.706	-0.033	-0.229	0.174	0.778	-0.291	-1.991	1.784	0.932	HCER(20:0)	Sphingolipids	Hexosylceramide
AL	Fasting Insulin	id_134	-0.009	-0.052	0.024	0.584	-0.024	-0.211	0.173	0.818	-0.033	-0.221	0.163	0.760	0.282	-2.166	1.922	0.848	HCER(20:1)	Sphingolipids	Hexosylceramide
AL	Fasting Insulin	id_135	0.000	-0.034	0.020	0.854	-0.033	-0.242	0.164	0.744	-0.033	-0.239	0.162	0.722	0.010	-1.418	0.982	0.968	HCER(22:0)	Sphingolipids	Hexosylceramide
AL	Fasting Insulin	id_136	-0.004	-0.030	0.016	0.728	-0.029	-0.219	0.174	0.758	-0.033	-0.223	0.172	0.740	0.117	-1.307	0.837	0.888	HCER(22:1)	Sphingolipids	Hexosylceramide
AL	Fasting Insulin	id_137	0.006	-0.022	0.039	0.702	-0.039	-0.249	0.177	0.660	-0.033	-0.232	0.179	0.706	-0.174	-1.822	1.513	0.900	HCER(24:0)	Sphingolipids	Hexosylceramide
AL	Fasting Insulin	id_138	0.008	-0.018	0.040	0.580	-0.041	-0.226	0.161	0.676	-0.033	-0.220	0.179	0.722	-0.241	-2.054	1.525	0.954	HCER(24:1)	Sphingolipids	Hexosylceramide
AL	Fasting Insulin	id_139	0.003	-0.036	0.041	0.880	-0.036	-0.238	0.164	0.688	-0.033	-0.234	0.169	0.728	-0.101	-1.579	1.601	0.920	HCER(26:0)	Sphingolipids	Hexosylceramide
AL	Fasting Insulin	id_141	0.002	-0.036	0.024	0.954	-0.035	-0.232	0.175	0.730	-0.033	-0.229	0.175	0.738	-0.073	-1.400	1.139	0.988	LCER(14:0)	Sphingolipids	Lactosylceramide
AL	Fasting Insulin	id_142	-0.001	-0.040	0.033	0.968	-0.032	-0.235	0.165	0.688	-0.033	-0.232	0.168	0.700	0.039	-1.482	1.662	0.840	LCER(16:0)	Sphingolipids	Lactosylceramide
AL	Fasting Insulin	id_144	-0.001	-0.033	0.023	0.940	-0.032	-0.240	0.177	0.762	-0.033	-0.237	0.175	0.760	0.043	-1.173	1.202	0.976	LCER(18:1)	Sphingolipids	Lactosylceramide
AL	Fasting Insulin	id_145	-0.001	-0.033	0.036	0.986	-0.032	-0.239	0.169	0.708	-0.033	-0.235	0.173	0.730	0.019	-1.417	1.829	0.932	LCER(20:0)	Sphingolipids	Lactosylceramide
AL	Fasting Insulin	id_146	0.002	-0.022	0.038	0.850	-0.035	-0.244	0.157	0.684	-0.033	-0.238	0.162	0.708	-0.061	-1.385	1.515	0.954	LCER(20:1)	Sphingolipids	Lactosylceramide
AL	Fasting Insulin	id_147	0.003	-0.019	0.036	0.844	-0.036	-0.228	0.163	0.740	-0.033	-0.226	0.166	0.770	-0.101	-1.294	1.044	0.922	LCER(22:0)	Sphingolipids	Lactosylceramide
AL	Fasting Insulin	id_148	0.000	-0.020	0.021	0.982	-0.033	-0.222	0.161	0.764	-0.033	-0.220	0.160	0.772	0.006	-0.774	0.918	0.974	LCER(22:1)	Sphingolipids	Lactosylceramide
AL	Fasting Insulin	id_149	0.016	-0.025	0.065	0.436	-0.048	-0.244	0.158	0.628	-0.033	-0.228	0.168	0.744	-0.470	-4.189	2.870	0.924	LCER(24:0)	Sphingolipids	Lactosylceramide
AL	Fasting Insulin	id_152	0.007	-0.020	0.050	0.636	-0.040	-0.250	0.151	0.638	-0.033	-0.239	0.159	0.702	-0.200	-1.861	2.789	0.886	LCER(26:1)	Sphingolipids	Lactosylceramide
AL	Fasting Insulin	id_154	-0.001	-0.026	0.032	0.970	-0.032	-0.229	0.179	0.776	-0.033	-0.221	0.176	0.792	0.037	-1.021	0.929	0.878	LPC(15:0)	Lysophosphatidylcholine	LPC Ester
AL	Fasting Insulin	id_157	0.009	-0.044	0.077	0.740	-0.042	-0.211	0.159	0.644	-0.033	-0.214	0.177	0.736	-0.286	-3.764	4.366	0.860	LPC(17:0)	Lysophosphatidylcholine	LPC Ester
AL	Fasting Insulin	id_170	0.007	-0.028	0.048	0.656	-0.040	-0.243	0.158	0.720	-0.033	-0.235	0.167	0.770	-0.221	-1.805	1.572	0.962	LPC(22:6)	Lysophosphatidylcholine	LPC Ester

Group	Condition	Sample ID	Metabolic Parameters															Lysophosphatidylethanolamine LPE Ester		
			0.001	-0.017	0.029	0.862	-0.034	-0.239	0.165	0.778	-0.033	-0.236	0.165	0.790	-0.018	-0.852	1.309	0.932	LPE(20:4)	
AL	Fasting Insulin	id_181	0.001	-0.017	0.029	0.862	-0.034	-0.239	0.165	0.778	-0.033	-0.236	0.165	0.790	-0.018	-0.852	1.309	0.932	MAG(12:0)	
AL	Fasting Insulin	id_186	0.000	-0.019	0.022	0.924	-0.033	-0.232	0.166	0.758	-0.033	-0.223	0.167	0.752	-0.014	-1.121	0.758	0.960	MAG(14:1)	
AL	Fasting Insulin	id_188	0.015	-0.020	0.061	0.444	-0.048	-0.235	0.154	0.646	-0.033	-0.225	0.161	0.750	-0.463	-2.917	2.931	0.846	MAG(15:0)	
AL	Fasting Insulin	id_189	0.002	-0.022	0.030	0.848	-0.035	-0.232	0.159	0.752	-0.033	-0.230	0.156	0.772	-0.074	-0.995	0.992	0.928	MAG(18:2)	
AL	Fasting Insulin	id_195	0.000	-0.020	0.021	0.982	-0.033	-0.229	0.167	0.730	-0.033	-0.227	0.166	0.736	-0.001	-0.865	0.867	0.990	MAG(20:5)	
AL	Fasting Insulin	id_203	-0.001	-0.023	0.020	0.948	-0.032	-0.217	0.170	0.748	-0.033	-0.217	0.170	0.752	0.037	-1.431	0.911	0.932	MAG(22:0)	
AL	Fasting Insulin	id_204	0.000	-0.021	0.026	0.972	-0.033	-0.232	0.177	0.736	-0.033	-0.231	0.178	0.756	0.012	-0.861	0.847	0.992	MAG(22:1)	
AL	Fasting Insulin	id_205	-0.003	-0.030	0.027	0.866	-0.030	-0.239	0.185	0.806	-0.033	-0.240	0.177	0.784	0.085	-1.990	1.469	0.930	MAG(22:5)	
AL	Fasting Insulin	id_208	0.002	-0.023	0.033	0.890	-0.035	-0.232	0.158	0.752	-0.033	-0.232	0.163	0.766	-0.069	-1.075	1.437	0.988	MAG(22:6)	
AL	Fasting Insulin	id_209	0.003	-0.029	0.043	0.768	-0.036	-0.230	0.146	0.686	-0.033	-0.225	0.159	0.722	-0.101	-1.926	1.792	0.990	PC(15:0/18:2)	
AL	Fasting Insulin	id_228	-0.005	-0.039	0.018	0.658	-0.028	-0.239	0.190	0.772	-0.033	-0.239	0.171	0.728	0.159	-1.267	1.794	0.846	PC(15:0/20:4)	
AL	Fasting Insulin	id_230	-0.018	-0.068	0.035	0.410	-0.015	-0.214	0.184	0.890	-0.033	-0.239	0.167	0.772	0.549	-3.209	3.340	0.706	PC(16:0/18:2)	
AL	Fasting Insulin	id_241	-0.004	-0.036	0.026	0.792	-0.029	-0.238	0.182	0.786	-0.033	-0.237	0.179	0.756	0.116	-2.121	1.453	0.916	PC(17:0/18:2)	
AL	Fasting Insulin	id_254	0.000	-0.025	0.020	0.974	-0.033	-0.236	0.179	0.794	-0.033	-0.239	0.182	0.784	-0.007	-0.820	0.890	0.946	PC(17:0/20:4)	
AL	Fasting Insulin	id_257	0.001	-0.025	0.023	1.000	-0.034	-0.215	0.176	0.798	-0.033	-0.216	0.167	0.802	-0.039	-0.903	0.821	0.970	PC(18:0/20:4)	
AL	Fasting Insulin	id_272	0.006	-0.030	0.049	0.752	-0.039	-0.235	0.176	0.676	-0.033	-0.224	0.180	0.718	-0.184	-2.160	2.654	0.966	PC(18:1/18:2)	
AL	Fasting Insulin	id_279	0.000	-0.034	0.039	0.988	-0.033	-0.237	0.172	0.724	-0.033	-0.239	0.178	0.722	0.000	-1.592	1.728	0.934	PC(18:1/20:3)	
AL	Fasting Insulin	id_283	-0.029	-0.090	0.008	0.192	-0.004	-0.211	0.210	0.958	-0.033	-0.248	0.174	0.742	0.873	-3.962	3.937	0.766	PC(18:1/20:4)	
AL	Fasting Insulin	id_284	-0.002	-0.028	0.023	0.924	-0.031	-0.231	0.176	0.722	-0.033	-0.232	0.173	0.722	0.052	-1.039	1.007	0.982	PC(18:2/16:1)	
AL	Fasting Insulin	id_289	-0.010	-0.052	0.015	0.462	-0.023	-0.226	0.179	0.806	-0.033	-0.235	0.164	0.738	0.300	-2.304	1.466	0.856		

AL	Fasting Insulin	id_354	-0.020	-0.066	0.022	0.350	-0.013	-0.214	0.173	0.934	-0.033	-0.239	0.157	0.784	0.609	-3.409	3.012	0.806	PE(18:1/22:0)	Phosphatidyl ethanolamine PE Ester
AL	Fasting Insulin	id_386	-0.007	-0.065	0.055	0.870	-0.026	-0.222	0.170	0.816	-0.033	-0.233	0.170	0.758	0.201	-2.710	3.852	0.800	PE(P-16:0/18:1)	Phosphatidyl ethanolamine PE Plasmalogen
AL	Fasting Insulin	id_398	0.008	-0.045	0.054	0.674	-0.041	-0.248	0.134	0.678	-0.033	-0.241	0.145	0.716	-0.255	-3.403	2.855	0.994	PE(P-18:0/16:0)	Phosphatidyl ethanolamine PE Plasmalogen
AL	Fasting Insulin	id_405	0.009	-0.049	0.072	0.766	-0.042	-0.231	0.156	0.678	-0.033	-0.223	0.182	0.754	-0.286	-2.948	3.911	0.896	PE(P-18:0/20:3)	Phosphatidyl ethanolamine PE Plasmalogen
AL	Fasting Insulin	id_414	-0.006	-0.056	0.045	0.790	-0.027	-0.231	0.164	0.746	-0.033	-0.246	0.167	0.730	0.171	-2.785	2.690	0.772	PE(P-18:1/18:1)	Phosphatidyl ethanolamine PE Plasmalogen
AL	Fasting Insulin	id_448	0.014	-0.042	0.089	0.618	-0.047	-0.244	0.154	0.592	-0.033	-0.231	0.181	0.744	-0.417	-3.301	4.739	0.926	SM(14:0)	Sphingolipids Sphingomyelin
AL	Fasting Insulin	id_449	0.005	-0.027	0.044	0.734	-0.038	-0.240	0.162	0.730	-0.033	-0.232	0.167	0.774	-0.142	-1.873	1.670	0.984	SM(16:0)	Sphingolipids Sphingomyelin
AL	Fasting Insulin	id_450	0.011	-0.040	0.074	0.710	-0.044	-0.242	0.138	0.612	-0.033	-0.233	0.157	0.700	-0.343	-3.766	3.424	0.958	SM(18:0)	Sphingolipids Sphingomyelin
AL	Fasting Insulin	id_451	0.011	-0.041	0.078	0.682	-0.044	-0.239	0.161	0.652	-0.033	-0.227	0.183	0.752	-0.335	-2.756	3.038	0.954	SM(18:1)	Sphingolipids Sphingomyelin
AL	Fasting Insulin	id_452	0.001	-0.054	0.060	0.986	-0.034	-0.234	0.157	0.776	-0.033	-0.236	0.164	0.808	-0.041	-2.547	5.032	0.822	SM(20:0)	Sphingolipids Sphingomyelin
AL	Fasting Insulin	id_453	0.002	-0.053	0.070	0.934	-0.035	-0.220	0.142	0.680	-0.033	-0.225	0.152	0.704	-0.070	-3.291	2.654	0.826	SM(20:1)	Sphingolipids Sphingomyelin
AL	Fasting Insulin	id_454	0.007	-0.049	0.065	0.784	-0.040	-0.233	0.170	0.680	-0.033	-0.234	0.183	0.712	-0.199	-3.867	1.783	0.864	SM(22:0)	Sphingolipids Sphingomyelin
AL	Fasting Insulin	id_455	0.011	-0.047	0.079	0.696	-0.044	-0.240	0.156	0.690	-0.033	-0.224	0.171	0.770	-0.330	-3.454	3.722	0.890	SM(22:1)	Sphingolipids Sphingomyelin
AL	Fasting Insulin	id_456	-0.015	-0.075	0.035	0.502	-0.018	-0.214	0.175	0.920	-0.033	-0.235	0.159	0.770	0.468	-3.977	3.436	0.744	SM(24:0)	Sphingolipids Sphingomyelin
AL	Fasting Insulin	id_457	-0.005	-0.038	0.030	0.810	-0.028	-0.220	0.175	0.794	-0.033	-0.220	0.169	0.768	0.144	-2.075	2.245	0.850	SM(24:1)	Sphingolipids Sphingomyelin
AL	Fasting Insulin	id_458	0.000	-0.023	0.032	0.946	-0.033	-0.227	0.173	0.742	-0.033	-0.223	0.176	0.748	-0.005	-1.112	1.269	0.906	SM(26:0)	Sphingolipids Sphingomyelin
AL	Fasting Insulin	id_459	0.000	-0.016	0.018	0.958	-0.033	-0.223	0.189	0.792	-0.033	-0.224	0.187	0.800	-0.007	-0.601	0.686	0.982	SM(26:1)	Sphingolipids Sphingomyelin
AL	Fasting Insulin	id_660	-0.006	-0.071	0.069	0.880	-0.027	-0.220	0.161	0.750	-0.033	-0.240	0.173	0.758	0.167	-3.925	4.855	0.722	TAG51:3-FA16:0	Triacylglycerol TAG Ester

AL	Fasting Insulin	id_663	-0.008	-0.053	0.045	0.712	-0.025	-0.218	0.164	0.810	-0.033	-0.227	0.166	0.768	0.255	-3.177	2.699	0.728	TAG51:3- Triacylglycer FA18:1 ol TAG Ester		
AL	Fasting Insulin	id_667	0.001	-0.063	0.072	0.992	-0.034	-0.236	0.160	0.698	-0.033	-0.235	0.173	0.720	-0.045	-3.125	3.926	0.848	TAG51:4- Triacylglycer FA16:0 ol TAG Ester		
AL	Fasting Insulin	id_755	0.036	-0.004	0.102	0.090	-0.069	-0.279	0.129	0.450	-0.033	-0.244	0.167	0.700	-1.105	-5.485	5.071	0.730	TAG53:3- Triacylglycer FA18:0 ol TAG Ester		
AL	Fasting Insulin	id_760	0.005	-0.025	0.044	0.720	-0.038	-0.229	0.167	0.696	-0.033	-0.229	0.174	0.732	-0.146	-1.655	1.915	0.980	TAG53:4- Triacylglycer FA18:0 ol TAG Ester		
AL	Fasting Insulin	id_761	-0.004	-0.046	0.042	0.832	-0.029	-0.246	0.175	0.804	-0.033	-0.249	0.184	0.796	0.124	-2.055	2.087	0.848	TAG53:4- Triacylglycer FA18:1 ol TAG Ester		
AL	Fasting Insulin	id_765	0.014	-0.041	0.078	0.630	-0.047	-0.240	0.142	0.626	-0.033	-0.236	0.169	0.764	-0.430	-3.000	3.728	0.926	TAG53:5- Triacylglycer FA18:1 ol TAG Ester		
AL	Fasting Insulin	id_766	-0.001	-0.049	0.055	0.990	-0.032	-0.227	0.178	0.754	-0.033	-0.240	0.182	0.766	0.028	-2.405	2.963	0.868	TAG53:5- Triacylglycer FA18:2 ol TAG Ester		
AL	Fasting Insulin	id_769	0.016	-0.025	0.078	0.464	-0.049	-0.244	0.147	0.624	-0.033	-0.237	0.167	0.768	-0.493	-3.780	5.170	0.992	TAG53:6- Triacylglycer FA18:1 ol TAG Ester		
AL	Fasting Insulin	id_770	-0.005	-0.051	0.055	0.846	-0.028	-0.224	0.180	0.786	-0.033	-0.232	0.173	0.766	0.144	-3.067	2.578	0.804	TAG53:6- Triacylglycer FA18:2 ol TAG Ester		
AL	Fasting Insulin	id_771	-0.003	-0.060	0.055	0.898	-0.030	-0.248	0.176	0.786	-0.033	-0.247	0.172	0.760	0.102	-2.304	3.836	0.814	TAG53:6- Triacylglycer FA18:3 ol TAG Ester		
AL	Fasting Insulin	id_773	-0.002	-0.038	0.032	0.926	-0.031	-0.226	0.177	0.726	-0.033	-0.231	0.178	0.708	0.074	-1.745	1.729	0.930	TAG53:7- Triacylglycer FA18:3 ol TAG Ester		
AL	Fasting Insulin	id_856	-0.003	-0.048	0.051	0.874	-0.030	-0.226	0.160	0.740	-0.033	-0.226	0.164	0.742	0.099	-3.840	2.489	0.836	TAG55:6- Triacylglycer FA18:1 ol TAG Ester		
AL	Fasting Insulin	id_857	0.014	-0.029	0.078	0.520	-0.047	-0.240	0.163	0.594	-0.033	-0.229	0.175	0.716	-0.421	-3.676	3.125	0.944	TAG55:6- Triacylglycer FA20:3 ol TAG Ester		
AL	Fasting Insulin	id_860	0.003	-0.054	0.052	0.930	-0.036	-0.229	0.152	0.742	-0.033	-0.236	0.167	0.768	-0.092	-2.960	2.947	0.866	TAG55:7- Triacylglycer FA18:1 ol TAG Ester		
AL	Fasting Insulin	id_861	0.012	-0.018	0.059	0.488	-0.045	-0.233	0.158	0.662	-0.033	-0.219	0.168	0.760	-0.363	-2.410	1.924	0.924	TAG55:7- Triacylglycer FA20:3 ol TAG Ester		
AL	Fasting Insulin	id_862	-0.008	-0.045	0.033	0.672	-0.025	-0.235	0.185	0.752	-0.033	-0.240	0.171	0.692	0.243	-2.297	2.340	0.860	TAG55:7- Triacylglycer FA20:4 ol TAG Ester		
AL	Fasting Insulin	id_864	0.002	-0.062	0.070	0.930	-0.035	-0.221	0.154	0.696	-0.033	-0.227	0.172	0.750	-0.059	-3.550	5.355	0.820	TAG55:8- Triacylglycer FA20:4 ol TAG Ester		
AL	Fasting Insulin	id_939	0.007	-0.033	0.056	0.704	-0.040	-0.241	0.167	0.736	-0.033	-0.236	0.183	0.760	-0.211	-3.559	1.588	0.988	TAG57:9- Triacylglycer FA22:6 ol TAG Ester		
AL	Fasting Insulin	id_978	-0.016	-0.080	0.044	0.638	-0.017	-0.224	0.183	0.882	-0.033	-0.226	0.171	0.744	0.477	-3.569	4.642	0.794	Total CE Neutral Complex Lipids SUM Cholesteryl Esters		
AL	Fasting Insulin	id_979	-0.002	-0.055	0.064	0.998	-0.031	-0.233	0.148	0.680	-0.033	-0.231	0.152	0.694	0.052	-3.061	2.865	0.848	Total CER Sphingolipid SUM Ceramides		

AL	Fasting Insulin	id_981	-0.015	-0.070	0.049	0.616	-0.018	-0.226	0.177	0.866	-0.033	-0.245	0.177	0.750	0.460	-4.288	4.462	0.746	Total DCER	Sphingolipid SUM	Dihydroceramides
AL	Fasting Insulin	id_982	0.005	-0.016	0.033	0.682	-0.038	-0.247	0.162	0.706	-0.033	-0.237	0.163	0.736	-0.153	-1.079	0.961	0.922	Total HCER	Sphingolipid SUM	Hexosylceramides
AL	Fasting Insulin	id_983	0.001	-0.037	0.040	0.958	-0.034	-0.246	0.180	0.702	-0.033	-0.245	0.178	0.718	-0.019	-1.694	1.804	0.908	Total LCER	Sphingolipid SUM	Lactosylceramides
AL	Fasting Insulin	id_987	-0.011	-0.064	0.027	0.520	-0.022	-0.211	0.192	0.862	-0.033	-0.228	0.177	0.770	0.338	-2.037	2.412	0.786	Total PC	Phospholipid SUM	Phosphatidylcholines
AL	Fasting Insulin	id_990	0.005	-0.044	0.068	0.856	-0.038	-0.226	0.152	0.712	-0.033	-0.225	0.174	0.736	-0.149	-3.383	3.303	0.892	Total SM	Sphingolipid SUM	Sphingomyelins
AL	Fasting Insulin	id_039	0.005	-0.024	0.028	0.818	-0.038	-0.232	0.179	0.750	-0.033	-0.229	0.174	0.748	-0.158	-1.467	1.061	0.782	CE(22:1)	Ester	CE Ester
AL	Fasting Insulin	id_060	-0.008	-0.076	0.040	0.738	-0.025	-0.201	0.184	0.814	-0.033	-0.227	0.176	0.740	0.238	-2.693	3.497	0.778	DAG(12:0/18:1)	Diacylglycerol	DAG Ester
AL	Fasting Insulin	id_071	-0.007	-0.043	0.044	0.778	-0.026	-0.230	0.167	0.746	-0.033	-0.240	0.155	0.738	0.216	-1.543	3.302	0.828	DAG(14:1/16:0)	Diacylglycerol	DAG Ester
AL	Fasting Insulin	id_072	-0.001	-0.030	0.020	0.808	-0.032	-0.225	0.179	0.756	-0.033	-0.224	0.175	0.710	0.035	-1.031	1.483	0.938	DAG(14:1/18:1)	Diacylglycerol	DAG Ester
AL	Fasting Insulin	id_150	0.010	-0.032	0.070	0.672	-0.042	-0.240	0.154	0.666	-0.033	-0.231	0.169	0.754	-0.289	-2.612	2.664	0.998	LCER(24:1)	Sphingolipids	Lactosylceramide
AL	Fasting Insulin	id_151	-0.001	-0.035	0.038	0.982	-0.032	-0.231	0.165	0.768	-0.033	-0.234	0.170	0.772	0.036	-2.446	1.821	0.886	LCER(26:0)	Sphingolipids	Lactosylceramide
AL	Fasting Insulin	id_160	-0.002	-0.061	0.061	0.942	-0.031	-0.234	0.160	0.796	-0.033	-0.233	0.169	0.776	0.064	-3.367	3.730	0.810	LPC(18:2)	Lysophosphatidylcholine	LPC Ester
AL	Fasting Insulin	id_196	-0.013	-0.072	0.035	0.616	-0.020	-0.212	0.168	0.836	-0.033	-0.232	0.155	0.726	0.394	-2.817	2.577	0.786	MAG(18:3)	MAG	Ester
AL	Fasting Insulin	id_199	-0.014	-0.056	0.014	0.350	-0.019	-0.213	0.194	0.844	-0.033	-0.223	0.174	0.742	0.427	-1.883	2.812	0.860	MAG(20:1)	MAG	Ester
AL	Fasting Insulin	id_200	0.003	-0.031	0.029	0.938	-0.036	-0.251	0.172	0.780	-0.033	-0.244	0.169	0.790	-0.093	-1.320	1.747	0.948	MAG(20:2)	MAG	Ester
AL	Fasting Insulin	id_201	0.000	-0.023	0.022	0.940	-0.033	-0.242	0.169	0.726	-0.033	-0.239	0.168	0.732	0.005	-0.934	0.818	0.952	MAG(20:3)	MAG	Ester
AL	Fasting Insulin	id_251	0.000	-0.021	0.025	0.974	-0.033	-0.234	0.155	0.714	-0.033	-0.234	0.153	0.706	-0.004	-0.937	1.399	0.940	PC(16:0/22:6)	Phosphatidylcholine	PC Ester
AL	Fasting Insulin	id_288	0.003	-0.028	0.045	0.896	-0.036	-0.242	0.182	0.748	-0.033	-0.241	0.182	0.744	-0.083	-1.983	2.775	0.940	PC(18:1/22:6)	Phosphatidylcholine	PC Ester
AL	Fasting Insulin	id_293	0.007	-0.017	0.045	0.614	-0.040	-0.250	0.157	0.654	-0.033	-0.243	0.174	0.716	-0.204	-1.907	1.977	0.966	PC(18:2/20:2)	Phosphatidylcholine	PC Ester
AL	Fasting Insulin	id_298	-0.015	-0.065	0.019	0.414	-0.018	-0.210	0.190	0.804	-0.033	-0.224	0.169	0.708	0.454	-2.161	2.521	0.826	PC(18:2/22:5)	Phosphatidylcholine	PC Ester

AL	Fasting Insulin	id_332	0.022	-0.030	0.083	0.396	-0.055	-0.253	0.140	0.598	-0.033	-0.243	0.168	0.774	-0.668	-5.103	5.560	0.982	PE(18:0/18:0)	Phosphatidyl ethanolamine PE Ester
AL	Fasting Insulin	id_359	0.015	-0.042	0.063	0.548	-0.048	-0.237	0.148	0.620	-0.033	-0.230	0.158	0.756	-0.465	-3.711	4.801	0.956	PE(18:2/16:1)	Phosphatidyl ethanolamine PE Ester
AL	Fasting Insulin	id_366	-0.005	-0.052	0.030	0.772	-0.028	-0.241	0.166	0.728	-0.033	-0.234	0.158	0.684	0.158	-2.486	1.527	0.848	PE(O-16:0/18:2)	Phosphatidyl ethanolamine PE Ether
AL	Fasting Insulin	id_368	0.007	-0.043	0.055	0.826	-0.040	-0.238	0.158	0.660	-0.033	-0.240	0.171	0.700	-0.209	-2.802	3.013	0.886	PE(O-16:0/20:4)	Phosphatidyl ethanolamine PE Ether
AL	Fasting Insulin	id_372	0.006	-0.024	0.036	0.794	-0.039	-0.244	0.164	0.692	-0.033	-0.236	0.165	0.716	-0.183	-1.078	1.647	0.914	PE(O-16:0/22:6)	Phosphatidyl ethanolamine PE Ether
AL	Fasting Insulin	id_378	0.012	-0.041	0.070	0.628	-0.045	-0.242	0.155	0.646	-0.033	-0.241	0.170	0.728	-0.355	-2.719	2.813	0.972	PE(O-18:0/20:4)	Phosphatidyl ethanolamine PE Ether
AL	Fasting Insulin	id_381	0.004	-0.041	0.047	0.886	-0.037	-0.234	0.159	0.730	-0.033	-0.231	0.164	0.754	-0.121	-1.779	2.000	0.964	PE(O-18:0/22:5)	Phosphatidyl ethanolamine PE Ether
AL	Fasting Insulin	id_382	0.007	-0.020	0.048	0.694	-0.040	-0.244	0.185	0.780	-0.033	-0.247	0.197	0.822	-0.208	-1.394	1.439	0.976	PE(O-18:0/22:6)	Phosphatidyl ethanolamine PE Ether
AL	Fasting Insulin	id_387	-0.016	-0.077	0.033	0.460	-0.017	-0.232	0.183	0.832	-0.033	-0.250	0.170	0.740	0.489	-3.800	2.570	0.740	PE(P-16:0/18:2)	Phosphatidyl ethanolamine PE Plasmalogen
AL	Fasting Insulin	id_392	-0.003	-0.054	0.057	0.922	-0.030	-0.232	0.162	0.762	-0.033	-0.249	0.161	0.742	0.094	-2.791	2.630	0.836	PE(P-16:0/20:4)	Phosphatidyl ethanolamine PE Plasmalogen
AL	Fasting Insulin	id_395	0.012	-0.048	0.082	0.688	-0.045	-0.245	0.138	0.650	-0.033	-0.248	0.156	0.764	-0.361	-3.012	4.304	0.892	PE(P-16:0/22:5)	Phosphatidyl ethanolamine PE Plasmalogen
AL	Fasting Insulin	id_396	0.010	-0.030	0.056	0.564	-0.043	-0.224	0.159	0.724	-0.033	-0.219	0.169	0.804	-0.314	-1.813	2.276	0.984	PE(P-16:0/22:6)	Phosphatidyl ethanolamine PE Plasmalogen
AL	Fasting Insulin	id_401	0.004	-0.052	0.068	0.896	-0.037	-0.216	0.153	0.716	-0.033	-0.223	0.172	0.776	-0.134	-2.692	3.419	0.832	PE(P-18:0/18:1)	Phosphatidyl ethanolamine PE Plasmalogen

AL	Fasting Insulin	id_402	-0.006	-0.056	0.037	0.798	-0.026	-0.224	0.168	0.828	-0.033	-0.228	0.175	0.766	0.197	-2.391	3.251	0.856	PE(P-18:0/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	Fasting Insulin	id_406	0.007	-0.055	0.070	0.836	-0.040	-0.221	0.146	0.612	-0.033	-0.226	0.154	0.672	-0.207	-5.035	4.033	0.924	PE(P-18:0/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	Fasting Insulin	id_409	-0.001	-0.058	0.056	0.980	-0.032	-0.232	0.157	0.722	-0.033	-0.248	0.176	0.708	0.038	-2.444	2.207	0.832	PE(P-18:0/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	Fasting Insulin	id_410	0.012	-0.024	0.050	0.506	-0.045	-0.247	0.160	0.682	-0.033	-0.236	0.166	0.740	-0.366	-2.005	2.111	0.930	PE(P-18:0/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	Fasting Insulin	id_411	0.001	-0.052	0.051	0.954	-0.034	-0.217	0.186	0.798	-0.033	-0.218	0.179	0.782	-0.025	-2.340	2.483	0.916	PE(P-18:1/16:0)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	Fasting Insulin	id_415	-0.012	-0.064	0.030	0.580	-0.021	-0.215	0.191	0.852	-0.033	-0.228	0.180	0.784	0.377	-2.158	3.037	0.804	PE(P-18:1/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	Fasting Insulin	id_419	-0.008	-0.077	0.056	0.804	-0.025	-0.219	0.167	0.796	-0.033	-0.241	0.161	0.744	0.235	-2.985	4.605	0.748	PE(P-18:1/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	Fasting Insulin	id_421	-0.016	-0.066	0.015	0.312	-0.017	-0.225	0.180	0.820	-0.033	-0.236	0.170	0.704	0.498	-2.063	2.231	0.760	PE(P-18:1/22:4)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	Fasting Insulin	id_422	0.016	-0.039	0.092	0.560	-0.049	-0.237	0.134	0.608	-0.033	-0.214	0.167	0.764	-0.499	-4.125	5.970	0.932	PE(P-18:1/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	Fasting Insulin	id_423	0.005	-0.031	0.037	0.756	-0.038	-0.237	0.159	0.742	-0.033	-0.235	0.158	0.736	-0.162	-1.138	1.468	0.960	PE(P-18:1/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	Fasting Insulin	id_424	-0.008	-0.043	0.022	0.618	-0.025	-0.214	0.182	0.806	-0.033	-0.223	0.179	0.758	0.235	-1.381	1.598	0.804	PE(P-18:2/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	Fasting Insulin	id_425	-0.002	-0.055	0.050	0.974	-0.031	-0.224	0.167	0.726	-0.033	-0.218	0.165	0.706	0.058	-2.503	2.481	0.900	PE(P-18:2/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	TNF-a	id_023	-0.013	-0.034	0.005	0.120	-0.067	-0.177	0.043	0.256	-0.080	-0.186	0.031	0.148	0.163	-0.752	2.115	0.224	CE(15:0)	Cholesterol Ester	CE Ester
CR	TNF-a	id_024	-0.010	-0.024	0.011	0.286	-0.071	-0.178	0.039	0.198	-0.080	-0.187	0.027	0.150	0.120	-0.948	1.148	0.388	CE(16:0)	Cholesterol Ester	CE Ester

CR	TNF-a	id_026	-0.012	-0.035	0.008	0.152	-0.068	-0.177	0.035	0.224	-0.080	-0.187	0.021	0.134	0.151	-1.349	1.674	0.254	CE(17:0)	Cholesterol Ester	CE Ester
CR	TNF-a	id_027	-0.013	-0.034	0.004	0.130	-0.068	-0.170	0.047	0.232	-0.080	-0.180	0.032	0.148	0.159	-0.903	1.333	0.258	CE(18:0)	Cholesterol Ester	CE Ester
CR	TNF-a	id_028	-0.009	-0.027	0.009	0.262	-0.071	-0.179	0.055	0.268	-0.080	-0.186	0.044	0.204	0.117	-0.923	1.078	0.382	CE(18:1)	Cholesterol Ester	CE Ester
CR	TNF-a	id_029	-0.013	-0.034	0.001	0.080	-0.067	-0.178	0.039	0.242	-0.080	-0.191	0.028	0.148	0.162	-2.149	1.691	0.224	CE(18:2)	Cholesterol Ester	CE Ester
CR	TNF-a	id_033	-0.006	-0.019	0.009	0.388	-0.074	-0.182	0.034	0.180	-0.080	-0.188	0.025	0.144	0.077	-0.612	0.826	0.496	CE(20:1)	Cholesterol Ester	CE Ester
CR	TNF-a	id_034	-0.013	-0.033	0.013	0.184	-0.068	-0.175	0.045	0.262	-0.080	-0.188	0.032	0.168	0.160	-1.203	1.952	0.316	CE(20:2)	Cholesterol Ester	CE Ester
CR	TNF-a	id_035	-0.012	-0.032	0.014	0.296	-0.069	-0.177	0.031	0.184	-0.080	-0.185	0.023	0.110	0.148	-0.893	1.490	0.362	CE(20:3)	Cholesterol Ester	CE Ester
CR	TNF-a	id_036	-0.008	-0.025	0.010	0.316	-0.073	-0.180	0.027	0.176	-0.080	-0.189	0.016	0.128	0.095	-0.538	1.162	0.384	CE(20:4)	Cholesterol Ester	CE Ester
CR	TNF-a	id_041	-0.008	-0.025	0.011	0.382	-0.073	-0.180	0.038	0.162	-0.080	-0.186	0.026	0.120	0.098	-0.483	0.994	0.450	CE(22:4)	Cholesterol Ester	CE Ester
CR	TNF-a	id_042	-0.009	-0.023	0.006	0.248	-0.072	-0.181	0.028	0.174	-0.080	-0.193	0.018	0.124	0.107	-0.659	1.201	0.336	CE(22:5)	Cholesterol Ester	CE Ester
CR	TNF-a	id_043	-0.004	-0.021	0.014	0.676	-0.076	-0.182	0.030	0.156	-0.080	-0.190	0.029	0.144	0.050	-0.483	0.621	0.696	CE(22:6)	Cholesterol Ester	CE Ester
CR	TNF-a	id_044	-0.004	-0.023	0.017	0.654	-0.076	-0.177	0.030	0.152	-0.080	-0.183	0.023	0.142	0.052	-0.723	0.712	0.684	CE(24:0)	Cholesterol Ester	CE Ester
CR	TNF-a	id_045	-0.006	-0.020	0.008	0.414	-0.075	-0.171	0.021	0.150	-0.080	-0.179	0.017	0.122	0.073	-0.499	0.698	0.484	CE(24:1)	Cholesterol Ester	CE Ester
CR	TNF-a	id_046	-0.005	-0.022	0.041	0.782	-0.075	-0.189	0.034	0.150	-0.080	-0.187	0.033	0.158	0.062	-1.886	0.818	0.800	CER(14:0)	Sphingolipid s	Ceramide
CR	TNF-a	id_047	-0.007	-0.021	0.015	0.468	-0.073	-0.178	0.030	0.182	-0.080	-0.185	0.023	0.136	0.089	-0.662	1.270	0.516	CER(16:0)	Sphingolipid s	Ceramide
CR	TNF-a	id_048	-0.015	-0.037	0.022	0.298	-0.065	-0.175	0.041	0.236	-0.080	-0.183	0.024	0.134	0.191	-1.116	1.956	0.376	CER(18:0)	Sphingolipid s	Ceramide
CR	TNF-a	id_049	-0.003	-0.022	0.050	0.886	-0.078	-0.195	0.034	0.150	-0.080	-0.187	0.031	0.150	0.035	-1.441	1.270	0.880	CER(18:1)	Sphingolipid s	Ceramide
CR	TNF-a	id_050	-0.009	-0.026	0.031	0.514	-0.071	-0.181	0.030	0.196	-0.080	-0.189	0.025	0.144	0.114	-1.584	1.562	0.570	CER(20:0)	Sphingolipid s	Ceramide
CR	TNF-a	id_051	0.000	-0.017	0.041	0.936	-0.080	-0.195	0.018	0.124	-0.080	-0.186	0.019	0.126	0.001	-1.719	0.974	0.942	CER(20:1)	Sphingolipid s	Ceramide
CR	TNF-a	id_052	-0.010	-0.027	0.022	0.396	-0.070	-0.181	0.035	0.226	-0.080	-0.185	0.027	0.166	0.128	-1.269	1.496	0.478	CER(22:0)	Sphingolipid s	Ceramide

CR	TNF-a	id_053	-0.007	-0.026	0.053	0.694	-0.073	-0.195	0.035	0.142	-0.080	-0.189	0.033	0.138	0.091	-1.422	1.285	0.704	CER(22:1 Sphingolipids	Ceramide
CR	TNF-a	id_054	-0.011	-0.027	0.007	0.222	-0.069	-0.177	0.036	0.206	-0.080	-0.191	0.028	0.132	0.139	-0.829	1.314	0.326	CER(24:0 Sphingolipids	Ceramide
CR	TNF-a	id_055	-0.006	-0.022	0.014	0.554	-0.075	-0.177	0.042	0.210	-0.080	-0.182	0.036	0.186	0.073	-0.816	0.930	0.624	CER(24:1 Sphingolipids	Ceramide
CR	TNF-a	id_057	-0.004	-0.019	0.006	0.392	-0.076	-0.183	0.026	0.182	-0.080	-0.190	0.023	0.140	0.056	-0.372	0.863	0.464	CER(26:1 Sphingolipids	Ceramide
CR	TNF-a	id_116	-0.005	-0.024	0.014	0.632	-0.075	-0.189	0.036	0.166	-0.080	-0.191	0.027	0.134	0.066	-0.568	0.830	0.718	DCER(14 Sphingolipids	Dihydroceramide
CR	TNF-a	id_117	-0.006	-0.019	0.011	0.412	-0.075	-0.178	0.036	0.152	-0.080	-0.182	0.031	0.134	0.070	-0.565	0.634	0.498	DCER(16 Sphingolipids	Dihydroceramide
CR	TNF-a	id_118	-0.005	-0.020	0.007	0.366	-0.075	-0.180	0.036	0.170	-0.080	-0.182	0.028	0.142	0.068	-0.391	0.649	0.440	DCER(18 Sphingolipids	Dihydroceramide
CR	TNF-a	id_119	-0.005	-0.018	0.007	0.390	-0.075	-0.189	0.043	0.206	-0.080	-0.193	0.037	0.182	0.065	-0.476	0.656	0.480	DCER(18 Sphingolipids	Dihydroceramide
CR	TNF-a	id_120	-0.009	-0.025	0.010	0.224	-0.071	-0.176	0.040	0.164	-0.080	-0.188	0.026	0.144	0.117	-0.893	0.823	0.320	DCER(20 Sphingolipids	Dihydroceramide
CR	TNF-a	id_121	-0.004	-0.017	0.010	0.482	-0.077	-0.182	0.027	0.168	-0.080	-0.182	0.027	0.144	0.049	-0.376	0.640	0.538	DCER(20 Sphingolipids	Dihydroceramide
CR	TNF-a	id_122	-0.007	-0.025	0.034	0.574	-0.073	-0.186	0.038	0.168	-0.080	-0.185	0.029	0.146	0.091	-1.372	1.596	0.628	DCER(22 Sphingolipids	Dihydroceramide
CR	TNF-a	id_123	-0.007	-0.020	0.009	0.322	-0.073	-0.183	0.040	0.182	-0.080	-0.191	0.036	0.160	0.087	-0.689	0.961	0.390	DCER(22 Sphingolipids	Dihydroceramide
CR	TNF-a	id_124	-0.011	-0.032	0.004	0.162	-0.069	-0.181	0.038	0.216	-0.080	-0.192	0.025	0.130	0.142	-0.789	1.704	0.260	DCER(22 Sphingolipids	Dihydroceramide
CR	TNF-a	id_125	-0.010	-0.025	0.013	0.326	-0.071	-0.178	0.030	0.182	-0.080	-0.188	0.017	0.122	0.121	-0.842	1.460	0.388	DCER(24 Sphingolipids	Dihydroceramide
CR	TNF-a	id_126	-0.005	-0.019	0.024	0.642	-0.076	-0.181	0.032	0.148	-0.080	-0.185	0.025	0.124	0.061	-0.958	1.007	0.686	DCER(24 Sphingolipids	Dihydroceramide
CR	TNF-a	id_128	-0.003	-0.017	0.007	0.398	-0.077	-0.184	0.024	0.142	-0.080	-0.186	0.022	0.126	0.042	-0.299	0.533	0.460	DCER(26 Sphingolipids	Dihydroceramide
CR	TNF-a	id_129	-0.009	-0.025	0.007	0.202	-0.071	-0.177	0.028	0.194	-0.080	-0.188	0.017	0.144	0.113	-1.156	1.130	0.310	HCER(14 Sphingolipids	Hexosylceramide
CR	TNF-a	id_130	-0.013	-0.032	0.001	0.070	-0.067	-0.174	0.044	0.242	-0.080	-0.190	0.030	0.172	0.166	-1.334	1.485	0.222	HCER(16 Sphingolipids	Hexosylceramide
CR	TNF-a	id_131	-0.003	-0.015	0.007	0.454	-0.077	-0.185	0.021	0.156	-0.080	-0.189	0.019	0.128	0.037	-0.325	0.676	0.526	HCER(18 Sphingolipids	Hexosylceramide
CR	TNF-a	id_132	0.000	-0.017	0.044	0.910	-0.080	-0.197	0.020	0.110	-0.080	-0.190	0.027	0.120	0.001	-1.636	1.493	0.926	HCER(18 Sphingolipids	Hexosylceramide

CR	TNF-a	id_133	-0.009	-0.023	0.006	0.262	-0.071	-0.175	0.039	0.202	-0.080	-0.181	0.027	0.158	0.113	-0.809	1.130	0.364	HCER(20 :0)	Sphingolipids	Hexosylceramide
CR	TNF-a	id_134	-0.003	-0.018	0.029	0.784	-0.077	-0.190	0.026	0.138	-0.080	-0.191	0.025	0.138	0.042	-1.077	0.705	0.794	HCER(20 :1)	Sphingolipids	Hexosylceramide
CR	TNF-a	id_135	-0.014	-0.034	0.003	0.102	-0.067	-0.167	0.041	0.242	-0.080	-0.180	0.028	0.132	0.173	-0.512	1.853	0.194	HCER(22 :0)	Sphingolipids	Hexosylceramide
CR	TNF-a	id_136	-0.004	-0.021	0.021	0.740	-0.077	-0.188	0.030	0.174	-0.080	-0.190	0.029	0.138	0.044	-0.869	1.010	0.774	HCER(22 :1)	Sphingolipids	Hexosylceramide
CR	TNF-a	id_137	-0.013	-0.033	0.006	0.148	-0.068	-0.169	0.037	0.208	-0.080	-0.183	0.028	0.122	0.156	-0.765	1.664	0.230	HCER(24 :0)	Sphingolipids	Hexosylceramide
CR	TNF-a	id_138	-0.001	-0.015	0.014	0.818	-0.079	-0.188	0.028	0.162	-0.080	-0.190	0.025	0.164	0.013	-0.582	0.644	0.810	HCER(24 :1)	Sphingolipids	Hexosylceramide
CR	TNF-a	id_139	-0.005	-0.018	0.007	0.432	-0.076	-0.178	0.031	0.150	-0.080	-0.182	0.027	0.130	0.058	-0.514	0.542	0.510	HCER(26 :0)	Sphingolipids	Hexosylceramide
CR	TNF-a	id_141	0.000	-0.014	0.005	0.700	-0.080	-0.181	0.026	0.138	-0.080	-0.183	0.023	0.140	-0.001	-0.276	0.449	0.744	LCER(14 :0)	Sphingolipids	Lactosylceramide
CR	TNF-a	id_142	-0.005	-0.038	0.004	0.382	-0.075	-0.182	0.034	0.196	-0.080	-0.190	0.023	0.132	0.065	-0.630	1.249	0.474	LCER(16 :0)	Sphingolipids	Lactosylceramide
CR	TNF-a	id_144	0.002	-0.018	0.012	0.984	-0.082	-0.183	0.034	0.146	-0.080	-0.185	0.031	0.132	-0.022	-0.363	0.624	0.988	LCER(18 :1)	Sphingolipids	Lactosylceramide
CR	TNF-a	id_145	0.008	-0.008	0.027	0.376	-0.088	-0.181	0.020	0.116	-0.080	-0.179	0.030	0.152	-0.095	-1.022	0.714	0.480	LCER(20 :0)	Sphingolipids	Lactosylceramide
CR	TNF-a	id_146	0.001	-0.015	0.008	0.808	-0.081	-0.183	0.028	0.142	-0.080	-0.189	0.027	0.138	-0.011	-0.312	0.439	0.810	LCER(20 :1)	Sphingolipids	Lactosylceramide
CR	TNF-a	id_147	0.007	-0.018	0.026	0.524	-0.087	-0.190	0.022	0.110	-0.080	-0.185	0.027	0.146	-0.084	-1.041	1.014	0.626	LCER(22 :0)	Sphingolipids	Lactosylceramide
CR	TNF-a	id_148	-0.002	-0.036	0.014	0.796	-0.078	-0.183	0.027	0.160	-0.080	-0.187	0.028	0.154	0.028	-0.440	1.255	0.742	LCER(22 :1)	Sphingolipids	Lactosylceramide
CR	TNF-a	id_149	-0.006	-0.037	0.009	0.468	-0.074	-0.179	0.037	0.200	-0.080	-0.185	0.033	0.142	0.079	-0.426	1.168	0.514	LCER(24 :0)	Sphingolipids	Lactosylceramide
CR	TNF-a	id_152	0.001	-0.014	0.008	0.936	-0.081	-0.194	0.024	0.152	-0.080	-0.193	0.021	0.152	-0.010	-0.487	0.442	0.936	LCER(26 :1)	Sphingolipids	Lactosylceramide
CR	TNF-a	id_154	-0.002	-0.016	0.047	0.908	-0.078	-0.199	0.015	0.098	-0.080	-0.186	0.016	0.112	0.031	-1.258	0.986	0.900	LPC(15:0)	Lysophosphatidylcholine	LPC Ester
CR	TNF-a	id_157	-0.005	-0.019	0.006	0.380	-0.075	-0.179	0.029	0.162	-0.080	-0.185	0.023	0.134	0.066	-0.485	0.766	0.458	LPC(17:0)	Lysophosphatidylcholine	LPC Ester
CR	TNF-a	id_170	0.000	-0.013	0.014	0.922	-0.081	-0.192	0.032	0.138	-0.080	-0.192	0.032	0.138	-0.003	-0.321	0.332	0.924	LPC(22:6)	Lysophosphatidylcholine	LPC Ester

																			Lysophosphatidylethanolamine		
																			LPE(20:4)		
CR	TNF-a	id_181	0.002	-0.012	0.031	0.716	-0.082	-0.188	0.011	0.092	-0.080	-0.183	0.020	0.110	-0.021	-0.981	0.884	0.762	)	amine	LPE Ester
CR	TNF-a	id_186	-0.003	-0.018	0.006	0.490	-0.077	-0.177	0.035	0.176	-0.080	-0.179	0.027	0.150	0.039	-0.329	0.606	0.568	0)	MAG	Ester
CR	TNF-a	id_188	0.000	-0.018	0.004	0.504	-0.080	-0.189	0.033	0.172	-0.080	-0.195	0.031	0.148	0.005	-0.252	0.613	0.560	1)	MAG	Ester
CR	TNF-a	id_189	0.002	-0.014	0.015	0.828	-0.082	-0.187	0.025	0.144	-0.080	-0.191	0.030	0.148	-0.024	-0.500	0.553	0.892	0)	MAG	Ester
CR	TNF-a	id_195	-0.007	-0.021	0.004	0.240	-0.074	-0.183	0.037	0.188	-0.080	-0.192	0.030	0.130	0.086	-0.516	1.332	0.334	2)	MAG	Ester
CR	TNF-a	id_203	0.000	-0.022	0.005	0.482	-0.080	-0.186	0.033	0.156	-0.080	-0.187	0.028	0.134	0.001	-0.465	0.650	0.532	5)	MAG	Ester
CR	TNF-a	id_204	-0.007	-0.023	0.004	0.298	-0.074	-0.178	0.039	0.164	-0.080	-0.187	0.027	0.120	0.084	-0.328	0.914	0.378	0)	MAG	Ester
CR	TNF-a	id_205	0.000	-0.015	0.017	0.866	-0.080	-0.186	0.025	0.160	-0.080	-0.187	0.022	0.154	0.003	-0.617	0.921	0.884	1)	MAG	Ester
CR	TNF-a	id_208	-0.008	-0.022	0.008	0.310	-0.073	-0.180	0.032	0.156	-0.080	-0.189	0.027	0.122	0.097	-0.457	0.798	0.380	5)	MAG	Ester
CR	TNF-a	id_209	-0.002	-0.016	0.013	0.684	-0.078	-0.181	0.030	0.160	-0.080	-0.185	0.026	0.160	0.024	-0.422	0.750	0.704	6)	MAG	Ester
CR	TNF-a	id_228	0.000	-0.016	0.032	0.944	-0.081	-0.193	0.029	0.156	-0.080	-0.188	0.031	0.150	-0.004	-1.036	0.729	0.946	PC(15:0/18:2)	Phosphatidylcholine	PC Ester
CR	TNF-a	id_230	-0.010	-0.031	0.006	0.250	-0.070	-0.180	0.028	0.162	-0.080	-0.188	0.017	0.106	0.126	-0.597	1.172	0.308	PC(15:0/20:4)	Phosphatidylcholine	PC Ester
CR	TNF-a	id_241	-0.003	-0.018	0.023	0.706	-0.077	-0.198	0.034	0.184	-0.080	-0.194	0.029	0.156	0.039	-0.639	0.841	0.770	PC(16:0/18:2)	Phosphatidylcholine	PC Ester
CR	TNF-a	id_254	-0.003	-0.018	0.022	0.668	-0.077	-0.186	0.033	0.154	-0.080	-0.190	0.029	0.134	0.041	-0.624	0.769	0.706	PC(17:0/18:2)	Phosphatidylcholine	PC Ester
CR	TNF-a	id_257	-0.001	-0.018	0.024	0.894	-0.079	-0.193	0.025	0.146	-0.080	-0.190	0.026	0.140	0.013	-0.619	0.790	0.890	PC(17:0/20:4)	Phosphatidylcholine	PC Ester
CR	TNF-a	id_272	-0.001	-0.021	0.037	0.964	-0.080	-0.198	0.030	0.130	-0.080	-0.191	0.032	0.140	0.008	-1.133	0.995	0.980	PC(18:0/20:4)	Phosphatidylcholine	PC Ester
CR	TNF-a	id_279	0.004	-0.011	0.030	0.654	-0.084	-0.193	0.015	0.122	-0.080	-0.190	0.018	0.132	-0.044	-0.826	0.556	0.678	PC(18:1/18:2)	Phosphatidylcholine	PC Ester
CR	TNF-a	id_283	-0.005	-0.024	0.051	0.808	-0.076	-0.201	0.028	0.164	-0.080	-0.192	0.025	0.150	0.057	-1.446	1.633	0.818	PC(18:1/20:3)	Phosphatidylcholine	PC Ester
CR	TNF-a	id_284	0.004	-0.015	0.032	0.632	-0.084	-0.196	0.021	0.128	-0.080	-0.189	0.023	0.146	-0.049	-1.059	0.871	0.694	PC(18:1/20:4)	Phosphatidylcholine	PC Ester
CR	TNF-a	id_289	0.004	-0.015	0.052	0.666	-0.084	-0.208	0.023	0.130	-0.080	-0.189	0.030	0.140	-0.048	-1.564	1.186	0.710	PC(18:2/16:1)	Phosphatidylcholine	PC Ester
CR	TNF-a	id_354	0.000	-0.034	0.006	0.674	-0.081	-0.186	0.028	0.156	-0.080	-0.187	0.023	0.130	-0.006	-0.288	0.719	0.716	PE(18:1/22:0)	Phosphatidylethanolamine	PE Ester
CR	TNF-a	id_386	0.009	-0.010	0.052	0.360	-0.090	-0.199	0.016	0.098	-0.080	-0.185	0.031	0.166	-0.114	-3.249	1.448	0.482	PE(P-16:0/18:1)	Phosphatidylethanolamine	PE Plasmalogen

CR	TNF-a	id_398	0.008	-0.011	0.063	0.384	-0.089	-0.195	0.019	0.108	-0.080	-0.179	0.030	0.154	-0.104	-2.415	1.448	0.490	PE(P-18:0/16:0)	Phosphatidylethanolamine	PE Plasmalogen
CR	TNF-a	id_405	0.007	-0.013	0.072	0.508	-0.087	-0.210	0.012	0.088	-0.080	-0.190	0.028	0.158	-0.081	-2.659	1.703	0.578	PE(P-18:0/20:3)	Phosphatidylethanolamine	PE Plasmalogen
CR	TNF-a	id_414	0.014	-0.004	0.049	0.144	-0.095	-0.205	0.007	0.078	-0.080	-0.194	0.024	0.122	-0.180	-2.479	0.938	0.254	PE(P-18:1/18:1)	Phosphatidylethanolamine	PE Plasmalogen
CR	TNF-a	id_448	-0.005	-0.020	0.035	0.780	-0.075	-0.191	0.023	0.112	-0.080	-0.193	0.021	0.118	0.064	-1.257	0.881	0.818	SM(14:0)	Sphingolipids	Sphingomyelin
CR	TNF-a	id_449	-0.003	-0.017	0.022	0.676	-0.078	-0.197	0.031	0.142	-0.080	-0.192	0.028	0.132	0.031	-0.573	0.623	0.716	SM(16:0)	Sphingolipids	Sphingomyelin
CR	TNF-a	id_450	-0.003	-0.019	0.039	0.900	-0.078	-0.193	0.024	0.124	-0.080	-0.189	0.023	0.130	0.036	-1.331	0.742	0.930	SM(18:0)	Sphingolipids	Sphingomyelin
CR	TNF-a	id_451	0.001	-0.021	0.060	0.914	-0.081	-0.204	0.025	0.116	-0.080	-0.189	0.028	0.138	-0.013	-1.873	1.333	0.944	SM(18:1)	Sphingolipids	Sphingomyelin
CR	TNF-a	id_452	0.002	-0.014	0.058	0.740	-0.082	-0.210	0.020	0.110	-0.080	-0.191	0.026	0.150	-0.023	-1.777	1.589	0.778	SM(20:0)	Sphingolipids	Sphingomyelin
CR	TNF-a	id_453	-0.001	-0.019	0.041	0.994	-0.079	-0.192	0.026	0.124	-0.080	-0.189	0.028	0.126	0.018	-1.535	1.820	0.980	SM(20:1)	Sphingolipids	Sphingomyelin
CR	TNF-a	id_454	0.000	-0.017	0.062	0.912	-0.081	-0.202	0.019	0.106	-0.080	-0.193	0.029	0.132	-0.004	-2.249	1.463	0.928	SM(22:0)	Sphingolipids	Sphingomyelin
CR	TNF-a	id_455	0.000	-0.017	0.058	0.896	-0.080	-0.201	0.012	0.082	-0.080	-0.182	0.016	0.100	0.005	-2.367	0.705	0.920	SM(22:1)	Sphingolipids	Sphingomyelin
CR	TNF-a	id_456	-0.010	-0.026	0.006	0.224	-0.070	-0.180	0.039	0.218	-0.080	-0.187	0.034	0.170	0.127	-0.733	1.004	0.346	SM(24:0)	Sphingolipids	Sphingomyelin
CR	TNF-a	id_457	-0.003	-0.017	0.007	0.494	-0.078	-0.184	0.036	0.168	-0.080	-0.187	0.028	0.152	0.034	-0.470	0.491	0.558	SM(24:1)	Sphingolipids	Sphingomyelin
CR	TNF-a	id_458	0.000	-0.014	0.042	0.948	-0.081	-0.201	0.019	0.094	-0.080	-0.193	0.018	0.124	-0.003	-1.592	0.941	0.968	SM(26:0)	Sphingolipids	Sphingomyelin
CR	TNF-a	id_459	0.002	-0.024	0.015	0.990	-0.082	-0.193	0.029	0.142	-0.080	-0.195	0.032	0.144	-0.026	-0.593	0.691	0.966	SM(26:1)	Sphingolipids	Sphingomyelin
CR	TNF-a	id_660	-0.017	-0.075	-0.011	0.002	-0.064	-0.168	0.063	0.430	-0.080	-0.188	0.029	0.146	0.207	-2.510	2.882	0.148	TAG51:3-FA16:0	Triacylglycerol	TAG Ester
CR	TNF-a	id_663	-0.022	-0.078	-0.012	0.002	-0.059	-0.153	0.067	0.384	-0.080	-0.178	0.027	0.148	0.269	-2.427	3.067	0.150	TAG51:3-FA18:1	Triacylglycerol	TAG Ester
CR	TNF-a	id_667	-0.018	-0.069	-0.011	0.004	-0.063	-0.169	0.060	0.442	-0.080	-0.190	0.026	0.156	0.218	-3.225	4.150	0.160	TAG51:4-FA16:0	Triacylglycerol	TAG Ester
CR	TNF-a	id_755	-0.005	-0.016	0.012	0.512	-0.076	-0.185	0.029	0.138	-0.080	-0.185	0.027	0.120	0.061	-0.448	0.542	0.556	TAG53:3-FA18:0	Triacylglycerol	TAG Ester

CR	TNF-a	id_760	-0.006	-0.023	0.004	0.162	-0.074	-0.172	0.034	0.172	-0.080	-0.179	0.026	0.136	0.077	-0.554	0.808	0.274	TAG53:4- Triacylglycer FA18:0 ol TAG Ester		
CR	TNF-a	id_761	-0.010	-0.062	-0.007	0.008	-0.070	-0.171	0.053	0.324	-0.080	-0.184	0.023	0.134	0.129	-1.882	3.648	0.142	TAG53:4- Triacylglycer FA18:1 ol TAG Ester		
CR	TNF-a	id_765	-0.006	-0.021	0.003	0.182	-0.074	-0.185	0.032	0.170	-0.080	-0.188	0.026	0.132	0.076	-0.483	0.798	0.282	TAG53:5- Triacylglycer FA18:1 ol TAG Ester		
CR	TNF-a	id_766	-0.009	-0.041	-0.004	0.008	-0.072	-0.172	0.044	0.234	-0.080	-0.187	0.022	0.132	0.109	-1.281	1.889	0.140	TAG53:5- Triacylglycer FA18:2 ol TAG Ester		
CR	TNF-a	id_769	-0.005	-0.016	0.010	0.436	-0.076	-0.187	0.021	0.126	-0.080	-0.189	0.016	0.106	0.058	-0.498	0.668	0.474	TAG53:6- Triacylglycer FA18:1 ol TAG Ester		
CR	TNF-a	id_770	-0.011	-0.049	-0.003	0.022	-0.070	-0.173	0.042	0.228	-0.080	-0.188	0.023	0.122	0.134	-1.060	1.876	0.144	TAG53:6- Triacylglycer FA18:2 ol TAG Ester		
CR	TNF-a	id_771	-0.007	-0.031	0.000	0.058	-0.073	-0.175	0.039	0.208	-0.080	-0.187	0.023	0.142	0.090	-1.094	1.257	0.200	TAG53:6- Triacylglycer FA18:3 ol TAG Ester		
CR	TNF-a	id_773	-0.006	-0.018	0.007	0.366	-0.074	-0.175	0.038	0.208	-0.080	-0.180	0.034	0.174	0.076	-0.630	0.867	0.476	TAG53:7- Triacylglycer FA18:3 ol TAG Ester		
CR	TNF-a	id_856	-0.007	-0.027	0.001	0.086	-0.073	-0.184	0.041	0.204	-0.080	-0.194	0.031	0.164	0.089	-0.796	0.846	0.234	TAG55:6- Triacylglycer FA18:1 ol TAG Ester		
CR	TNF-a	id_857	-0.005	-0.017	0.005	0.354	-0.076	-0.183	0.030	0.164	-0.080	-0.191	0.024	0.140	0.061	-0.655	0.672	0.418	TAG55:6- Triacylglycer FA20:3 ol TAG Ester		
CR	TNF-a	id_860	-0.012	-0.037	-0.003	0.024	-0.068	-0.171	0.049	0.230	-0.080	-0.185	0.030	0.132	0.149	-1.055	1.919	0.156	TAG55:7- Triacylglycer FA18:1 ol TAG Ester		
CR	TNF-a	id_861	-0.005	-0.017	0.005	0.358	-0.075	-0.180	0.028	0.166	-0.080	-0.184	0.021	0.142	0.064	-0.560	0.602	0.448	TAG55:7- Triacylglycer FA20:3 ol TAG Ester		
CR	TNF-a	id_862	-0.005	-0.015	0.004	0.348	-0.076	-0.185	0.029	0.168	-0.080	-0.189	0.025	0.140	0.057	-0.469	0.675	0.432	TAG55:7- Triacylglycer FA20:4 ol TAG Ester		
CR	TNF-a	id_864	-0.006	-0.018	0.005	0.240	-0.075	-0.187	0.033	0.186	-0.080	-0.192	0.027	0.154	0.073	-0.572	0.913	0.334	TAG55:8- Triacylglycer FA20:4 ol TAG Ester		
CR	TNF-a	id_939	-0.004	-0.016	0.009	0.378	-0.076	-0.186	0.034	0.178	-0.080	-0.189	0.030	0.160	0.053	-0.661	0.524	0.446	TAG57:9- Triacylglycer FA22:6 ol TAG Ester		
CR	TNF-a	id_978	-0.012	-0.031	0.009	0.188	-0.068	-0.182	0.044	0.264	-0.080	-0.188	0.030	0.172	0.151	-1.347	1.733	0.324	Total CE Neutral Complex Lipids SUM Cholesteryl Esters		
CR	TNF-a	id_979	-0.011	-0.026	0.012	0.298	-0.070	-0.183	0.038	0.206	-0.080	-0.192	0.027	0.156	0.131	-1.012	1.156	0.414	Total CER Sphingolipid SUM Ceramides		
CR	TNF-a	id_981	-0.009	-0.025	0.018	0.366	-0.071	-0.185	0.048	0.208	-0.080	-0.189	0.035	0.158	0.112	-1.084	1.394	0.484	Total DCER Sphingolipid SUM Dihydrocera mides		
CR	TNF-a	id_982	-0.011	-0.030	0.005	0.192	-0.069	-0.180	0.037	0.204	-0.080	-0.190	0.020	0.128	0.137	-0.704	1.845	0.280	Total HCER Sphingolipid SUM Hexosylcera mides		
CR	TNF-a	id_983	-0.004	-0.041	0.004	0.450	-0.077	-0.184	0.041	0.204	-0.080	-0.194	0.030	0.158	0.048	-0.717	0.982	0.516	Total LCER Sphingolipid SUM Lactosylcera mides		

CR	TNF-a	id_987	-0.006	-0.022	0.026	0.592	-0.075	-0.180	0.038	0.176	-0.080	-0.179	0.028	0.140	0.074	-0.889	0.945	0.656	Total PC	Phospholipid SUM	Phosphatidylcholines
CR	TNF-a	id_990	-0.003	-0.017	0.040	0.832	-0.077	-0.186	0.024	0.116	-0.080	-0.185	0.031	0.126	0.037	-1.355	0.935	0.846	Total SM	Sphingolipid SUM	Sphingomyelins
CR	TNF-a	id_039	0.000	-0.015	0.015	0.970	-0.080	-0.185	0.028	0.132	-0.080	-0.184	0.027	0.138	0.003	-0.668	0.456	0.932	CE(22:1)	Cholesterol Ester	CE Ester
CR	TNF-a	id_060	-0.004	-0.031	0.004	0.280	-0.076	-0.182	0.041	0.174	-0.080	-0.188	0.028	0.126	0.050	-0.607	0.973	0.406	DAG(12: 0/18:1)	Diacylglycerol	DAG Ester
CR	TNF-a	id_071	-0.008	-0.031	0.003	0.134	-0.072	-0.186	0.036	0.196	-0.080	-0.191	0.026	0.134	0.101	-0.798	1.180	0.256	DAG(14: 1/16:0)	Diacylglycerol	DAG Ester
CR	TNF-a	id_072	-0.004	-0.022	0.011	0.660	-0.077	-0.185	0.030	0.178	-0.080	-0.187	0.029	0.144	0.049	-0.455	1.030	0.680	DAG(14: 1/18:1)	Diacylglycerol	DAG Ester
CR	TNF-a	id_150	-0.017	-0.051	0.002	0.108	-0.063	-0.171	0.040	0.210	-0.080	-0.185	0.023	0.120	0.211	-1.056	1.551	0.220	LCER(24: 1)	Sphingolipids	Lactosylceramide
CR	TNF-a	id_151	-0.001	-0.018	0.008	0.784	-0.080	-0.185	0.022	0.160	-0.080	-0.190	0.020	0.144	0.010	-0.264	0.494	0.824	LCER(26: 0)	Sphingolipids	Lactosylceramide
CR	TNF-a	id_160	0.000	-0.014	0.006	0.580	-0.080	-0.192	0.029	0.164	-0.080	-0.193	0.027	0.150	0.002	-0.200	0.447	0.626	LPC(18:2)	Lysophosphatidylcholine	LPC Ester
CR	TNF-a	id_196	-0.003	-0.019	0.021	0.718	-0.077	-0.182	0.024	0.134	-0.080	-0.182	0.022	0.118	0.042	-0.705	0.705	0.740	3)	MAG	Ester
CR	TNF-a	id_199	-0.003	-0.019	0.006	0.556	-0.078	-0.187	0.040	0.170	-0.080	-0.190	0.034	0.154	0.034	-0.418	0.572	0.622	1)	MAG	Ester
CR	TNF-a	id_200	-0.007	-0.021	0.003	0.272	-0.074	-0.183	0.034	0.162	-0.080	-0.188	0.025	0.140	0.086	-0.492	0.648	0.372	2)	MAG	Ester
CR	TNF-a	id_201	-0.009	-0.024	0.004	0.180	-0.071	-0.181	0.029	0.154	-0.080	-0.187	0.017	0.112	0.111	-0.586	0.772	0.276	3)	MAG	Ester
CR	TNF-a	id_251	-0.003	-0.023	0.017	0.772	-0.077	-0.182	0.029	0.152	-0.080	-0.186	0.029	0.130	0.041	-0.569	0.646	0.798	PC(16:0/ 22:6)	Phosphatidylcholine	PC Ester
CR	TNF-a	id_288	-0.006	-0.020	0.007	0.390	-0.075	-0.178	0.023	0.146	-0.080	-0.184	0.016	0.114	0.072	-0.448	0.930	0.452	PC(18:1/ 22:6)	Phosphatidylcholine	PC Ester
CR	TNF-a	id_293	0.003	-0.018	0.026	0.710	-0.083	-0.193	0.033	0.152	-0.080	-0.182	0.033	0.148	-0.036	-0.991	0.840	0.726	PC(18:2/ 20:2)	Phosphatidylcholine	PC Ester
CR	TNF-a	id_298	-0.007	-0.025	0.005	0.340	-0.074	-0.181	0.037	0.168	-0.080	-0.189	0.031	0.142	0.082	-0.450	0.568	0.418	PC(18:2/ 22:5)	Phosphatidylcholine	PC Ester
CR	TNF-a	id_332	-0.002	-0.016	0.015	0.688	-0.078	-0.192	0.027	0.134	-0.080	-0.190	0.028	0.112	0.026	-0.587	0.584	0.700	PE(18:0/ 18:0)	Phosphatidylethanolamine	PE Ester
CR	TNF-a	id_359	0.007	-0.009	0.031	0.380	-0.087	-0.191	0.024	0.108	-0.080	-0.184	0.025	0.154	-0.085	-1.193	0.831	0.482	PE(18:2/ 16:1)	Phosphatidylethanolamine	PE Ester
CR	TNF-a	id_366	0.015	-0.003	0.045	0.130	-0.095	-0.195	0.015	0.098	-0.080	-0.184	0.030	0.178	-0.185	-2.490	2.146	0.292	PE(O- 16:0/18: 2)	Phosphatidylethanolamine	PE Ether

CR	TNF-a	id_368	0.010	-0.005	0.034	0.230	-0.090	-0.200	0.016	0.088	-0.080	-0.192	0.026	0.134	-0.123	-1.971	0.851	0.328	PE(O-16:0/20:4)	Phosphatidyl ethanolamine	PE Ether
CR	TNF-a	id_372	0.000	-0.015	0.005	0.682	-0.080	-0.179	0.029	0.160	-0.080	-0.183	0.025	0.134	0.002	-0.276	0.372	0.740	PE(O-16:0/22:6)	Phosphatidyl ethanolamine	PE Ether
CR	TNF-a	id_378	0.009	-0.007	0.051	0.310	-0.090	-0.198	0.015	0.098	-0.080	-0.186	0.023	0.134	-0.114	-2.229	0.939	0.392	PE(O-18:0/20:4)	Phosphatidyl ethanolamine	PE Ether
CR	TNF-a	id_381	-0.002	-0.022	0.034	0.928	-0.079	-0.196	0.026	0.136	-0.080	-0.190	0.028	0.114	0.021	-1.063	1.290	0.938	PE(O-18:0/22:5)	Phosphatidyl ethanolamine	PE Ether
CR	TNF-a	id_382	0.000	-0.018	0.005	0.594	-0.080	-0.191	0.027	0.150	-0.080	-0.195	0.026	0.120	0.000	-0.320	0.539	0.658	PE(O-18:0/22:6)	Phosphatidyl ethanolamine	PE Ether
CR	TNF-a	id_387	0.013	-0.007	0.067	0.266	-0.094	-0.206	0.004	0.054	-0.080	-0.189	0.018	0.132	-0.164	-2.588	1.580	0.378	PE(P-16:0/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	TNF-a	id_392	0.013	-0.010	0.058	0.308	-0.093	-0.205	0.012	0.074	-0.080	-0.182	0.027	0.180	-0.162	-2.340	2.920	0.436	PE(P-16:0/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	TNF-a	id_395	0.014	-0.013	0.076	0.330	-0.094	-0.209	0.012	0.090	-0.080	-0.188	0.032	0.144	-0.173	-2.905	1.260	0.430	PE(P-16:0/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	TNF-a	id_396	0.000	-0.014	0.011	0.862	-0.080	-0.181	0.031	0.132	-0.080	-0.182	0.031	0.132	0.000	-0.320	0.437	0.862	PE(P-16:0/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	TNF-a	id_401	0.007	-0.010	0.046	0.394	-0.088	-0.196	0.019	0.114	-0.080	-0.182	0.030	0.140	-0.091	-1.880	1.433	0.494	PE(P-18:0/18:1)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	TNF-a	id_402	0.010	-0.011	0.052	0.294	-0.091	-0.193	0.008	0.086	-0.080	-0.179	0.023	0.104	-0.125	-2.128	0.784	0.362	PE(P-18:0/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	TNF-a	id_406	0.010	-0.008	0.046	0.290	-0.090	-0.202	0.021	0.116	-0.080	-0.186	0.036	0.158	-0.119	-1.665	1.036	0.408	PE(P-18:0/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	TNF-a	id_409	0.014	-0.011	0.074	0.290	-0.094	-0.206	0.007	0.074	-0.080	-0.183	0.023	0.144	-0.174	-3.107	1.639	0.398	PE(P-18:0/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen

CR	TNF-a	id_410	0.000	-0.013	0.007	0.756	-0.080	-0.187	0.025	0.164	-0.080	-0.189	0.024	0.148	0.004	-0.393	0.485	0.808	PE(P-18:0/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	TNF-a	id_411	0.004	-0.009	0.027	0.560	-0.085	-0.186	0.018	0.100	-0.080	-0.183	0.021	0.126	-0.056	-0.977	0.600	0.618	PE(P-18:1/16:0)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	TNF-a	id_415	0.018	-0.005	0.058	0.128	-0.098	-0.209	0.010	0.082	-0.080	-0.187	0.030	0.146	-0.221	-2.012	1.816	0.258	PE(P-18:1/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	TNF-a	id_419	0.013	-0.009	0.052	0.270	-0.093	-0.199	0.007	0.080	-0.080	-0.182	0.022	0.142	-0.156	-2.317	1.953	0.368	PE(P-18:1/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	TNF-a	id_421	0.012	-0.013	0.063	0.342	-0.093	-0.203	0.010	0.078	-0.080	-0.183	0.021	0.138	-0.151	-2.732	1.846	0.432	PE(P-18:1/22:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	TNF-a	id_422	0.018	-0.010	0.093	0.248	-0.098	-0.217	0.015	0.074	-0.080	-0.183	0.028	0.140	-0.220	-3.581	2.228	0.344	PE(P-18:1/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	TNF-a	id_423	0.001	-0.015	0.011	0.922	-0.081	-0.192	0.028	0.124	-0.080	-0.194	0.025	0.128	-0.011	-0.358	0.374	0.938	PE(P-18:1/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	TNF-a	id_424	0.006	-0.012	0.031	0.516	-0.087	-0.199	0.013	0.110	-0.080	-0.191	0.021	0.130	-0.079	-0.968	0.824	0.586	PE(P-18:2/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	TNF-a	id_425	0.014	-0.007	0.047	0.204	-0.094	-0.199	0.012	0.084	-0.080	-0.187	0.030	0.132	-0.169	-2.270	0.919	0.316	PE(P-18:2/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	TNF-a	id_023	-0.013	-0.034	0.005	0.120	-0.067	-0.177	0.043	0.256	-0.080	-0.186	0.031	0.148	0.163	-0.752	2.115	0.224	CE(15:0)	Cholesterol Ester	CE Ester
CR	TNF-a	id_024	-0.010	-0.024	0.011	0.286	-0.071	-0.178	0.039	0.198	-0.080	-0.187	0.027	0.150	0.120	-0.948	1.148	0.388	CE(16:0)	Cholesterol Ester	CE Ester
CR	TNF-a	id_026	-0.012	-0.035	0.008	0.152	-0.068	-0.177	0.035	0.224	-0.080	-0.187	0.021	0.134	0.151	-1.349	1.674	0.254	CE(17:0)	Cholesterol Ester	CE Ester
CR	TNF-a	id_027	-0.013	-0.034	0.004	0.130	-0.068	-0.170	0.047	0.232	-0.080	-0.180	0.032	0.148	0.159	-0.903	1.333	0.258	CE(18:0)	Cholesterol Ester	CE Ester
CR	TNF-a	id_028	-0.009	-0.027	0.009	0.262	-0.071	-0.179	0.055	0.268	-0.080	-0.186	0.044	0.204	0.117	-0.923	1.078	0.382	CE(18:1)	Cholesterol Ester	CE Ester
CR	TNF-a	id_029	-0.013	-0.034	0.001	0.080	-0.067	-0.178	0.039	0.242	-0.080	-0.191	0.028	0.148	0.162	-2.149	1.691	0.224	CE(18:2)	Cholesterol Ester	CE Ester
CR	TNF-a	id_033	-0.006	-0.019	0.009	0.388	-0.074	-0.182	0.034	0.180	-0.080	-0.188	0.025	0.144	0.077	-0.612	0.826	0.496	CE(20:1)	Cholesterol Ester	CE Ester

CR	TNF-a	id_034	-0.013	-0.033	0.013	0.184	-0.068	-0.175	0.045	0.262	-0.080	-0.188	0.032	0.168	0.160	-1.203	1.952	0.316	CE(20:2)	Cholesterol Ester	CE Ester
CR	TNF-a	id_035	-0.012	-0.032	0.014	0.296	-0.069	-0.177	0.031	0.184	-0.080	-0.185	0.023	0.110	0.148	-0.893	1.490	0.362	CE(20:3)	Cholesterol Ester	CE Ester
CR	TNF-a	id_036	-0.008	-0.025	0.010	0.316	-0.073	-0.180	0.027	0.176	-0.080	-0.189	0.016	0.128	0.095	-0.538	1.162	0.384	CE(20:4)	Cholesterol Ester	CE Ester
CR	TNF-a	id_041	-0.008	-0.025	0.011	0.382	-0.073	-0.180	0.038	0.162	-0.080	-0.186	0.026	0.120	0.098	-0.483	0.994	0.450	CE(22:4)	Cholesterol Ester	CE Ester
CR	TNF-a	id_042	-0.009	-0.023	0.006	0.248	-0.072	-0.181	0.028	0.174	-0.080	-0.193	0.018	0.124	0.107	-0.659	1.201	0.336	CE(22:5)	Cholesterol Ester	CE Ester
CR	TNF-a	id_043	-0.004	-0.021	0.014	0.676	-0.076	-0.182	0.030	0.156	-0.080	-0.190	0.029	0.144	0.050	-0.483	0.621	0.696	CE(22:6)	Cholesterol Ester	CE Ester
CR	TNF-a	id_044	-0.004	-0.023	0.017	0.654	-0.076	-0.177	0.030	0.152	-0.080	-0.183	0.023	0.142	0.052	-0.723	0.712	0.684	CE(24:0)	Cholesterol Ester	CE Ester
CR	TNF-a	id_045	-0.006	-0.020	0.008	0.414	-0.075	-0.171	0.021	0.150	-0.080	-0.179	0.017	0.122	0.073	-0.499	0.698	0.484	CE(24:1)	Cholesterol Ester	CE Ester
CR	TNF-a	id_046	-0.005	-0.022	0.041	0.782	-0.075	-0.189	0.034	0.150	-0.080	-0.187	0.033	0.158	0.062	-1.886	0.818	0.800	CER(14:0)	Sphingolipids	Ceramide
CR	TNF-a	id_047	-0.007	-0.021	0.015	0.468	-0.073	-0.178	0.030	0.182	-0.080	-0.185	0.023	0.136	0.089	-0.662	1.270	0.516	CER(16:0)	Sphingolipids	Ceramide
CR	TNF-a	id_048	-0.015	-0.037	0.022	0.298	-0.065	-0.175	0.041	0.236	-0.080	-0.183	0.024	0.134	0.191	-1.116	1.956	0.376	CER(18:0)	Sphingolipids	Ceramide
CR	TNF-a	id_049	-0.003	-0.022	0.050	0.886	-0.078	-0.195	0.034	0.150	-0.080	-0.187	0.031	0.150	0.035	-1.441	1.270	0.880	CER(18:1)	Sphingolipids	Ceramide
CR	TNF-a	id_050	-0.009	-0.026	0.031	0.514	-0.071	-0.181	0.030	0.196	-0.080	-0.189	0.025	0.144	0.114	-1.584	1.562	0.570	CER(20:0)	Sphingolipids	Ceramide
CR	TNF-a	id_051	0.000	-0.017	0.041	0.936	-0.080	-0.195	0.018	0.124	-0.080	-0.186	0.019	0.126	0.001	-1.719	0.974	0.942	CER(20:1)	Sphingolipids	Ceramide
CR	TNF-a	id_052	-0.010	-0.027	0.022	0.396	-0.070	-0.181	0.035	0.226	-0.080	-0.185	0.027	0.166	0.128	-1.269	1.496	0.478	CER(22:0)	Sphingolipids	Ceramide
CR	TNF-a	id_053	-0.007	-0.026	0.053	0.694	-0.073	-0.195	0.035	0.142	-0.080	-0.189	0.033	0.138	0.091	-1.422	1.285	0.704	CER(22:1)	Sphingolipids	Ceramide
CR	TNF-a	id_054	-0.011	-0.027	0.007	0.222	-0.069	-0.177	0.036	0.206	-0.080	-0.191	0.028	0.132	0.139	-0.829	1.314	0.326	CER(24:0)	Sphingolipids	Ceramide
CR	TNF-a	id_055	-0.006	-0.022	0.014	0.554	-0.075	-0.177	0.042	0.210	-0.080	-0.182	0.036	0.186	0.073	-0.816	0.930	0.624	CER(24:1)	Sphingolipids	Ceramide
CR	TNF-a	id_057	-0.004	-0.019	0.006	0.392	-0.076	-0.183	0.026	0.182	-0.080	-0.190	0.023	0.140	0.056	-0.372	0.863	0.464	CER(26:1)	Sphingolipids	Ceramide
CR	TNF-a	id_116	-0.005	-0.024	0.014	0.632	-0.075	-0.189	0.036	0.166	-0.080	-0.191	0.027	0.134	0.066	-0.568	0.830	0.718	DCER(14:0)	Sphingolipids	Dihydroceramide

CR	TNF-a	id_117	-0.006	-0.019	0.011	0.412	-0.075	-0.178	0.036	0.152	-0.080	-0.182	0.031	0.134	0.070	-0.565	0.634	0.498 :0)	DCER(16 Sphingolipid s	Dihydrocera mide
CR	TNF-a	id_118	-0.005	-0.020	0.007	0.366	-0.075	-0.180	0.036	0.170	-0.080	-0.182	0.028	0.142	0.068	-0.391	0.649	0.440 :0)	DCER(18 Sphingolipid s	Dihydrocera mide
CR	TNF-a	id_119	-0.005	-0.018	0.007	0.390	-0.075	-0.189	0.043	0.206	-0.080	-0.193	0.037	0.182	0.065	-0.476	0.656	0.480 :1)	DCER(18 Sphingolipid s	Dihydrocera mide
CR	TNF-a	id_120	-0.009	-0.025	0.010	0.224	-0.071	-0.176	0.040	0.164	-0.080	-0.188	0.026	0.144	0.117	-0.893	0.823	0.320 :0)	DCER(20 Sphingolipid s	Dihydrocera mide
CR	TNF-a	id_121	-0.004	-0.017	0.010	0.482	-0.077	-0.182	0.027	0.168	-0.080	-0.182	0.027	0.144	0.049	-0.376	0.640	0.538 :1)	DCER(20 Sphingolipid s	Dihydrocera mide
CR	TNF-a	id_122	-0.007	-0.025	0.034	0.574	-0.073	-0.186	0.038	0.168	-0.080	-0.185	0.029	0.146	0.091	-1.372	1.596	0.628 :0)	DCER(22 Sphingolipid s	Dihydrocera mide
CR	TNF-a	id_123	-0.007	-0.020	0.009	0.322	-0.073	-0.183	0.040	0.182	-0.080	-0.191	0.036	0.160	0.087	-0.689	0.961	0.390 :1)	DCER(22 Sphingolipid s	Dihydrocera mide
CR	TNF-a	id_124	-0.011	-0.032	0.004	0.162	-0.069	-0.181	0.038	0.216	-0.080	-0.192	0.025	0.130	0.142	-0.789	1.704	0.260 :2)	DCER(22 Sphingolipid s	Dihydrocera mide
CR	TNF-a	id_125	-0.010	-0.025	0.013	0.326	-0.071	-0.178	0.030	0.182	-0.080	-0.188	0.017	0.122	0.121	-0.842	1.460	0.388 :0)	DCER(24 Sphingolipid s	Dihydrocera mide
CR	TNF-a	id_126	-0.005	-0.019	0.024	0.642	-0.076	-0.181	0.032	0.148	-0.080	-0.185	0.025	0.124	0.061	-0.958	1.007	0.686 :1)	DCER(24 Sphingolipid s	Dihydrocera mide
CR	TNF-a	id_128	-0.003	-0.017	0.007	0.398	-0.077	-0.184	0.024	0.142	-0.080	-0.186	0.022	0.126	0.042	-0.299	0.533	0.460 :1)	DCER(26 Sphingolipid s	Dihydrocera mide
CR	TNF-a	id_129	-0.009	-0.025	0.007	0.202	-0.071	-0.177	0.028	0.194	-0.080	-0.188	0.017	0.144	0.113	-1.156	1.130	0.310 :0)	HCER(14 Sphingolipid s	Hexosylcera mide
CR	TNF-a	id_130	-0.013	-0.032	0.001	0.070	-0.067	-0.174	0.044	0.242	-0.080	-0.190	0.030	0.172	0.166	-1.334	1.485	0.222 :0)	HCER(16 Sphingolipid s	Hexosylcera mide
CR	TNF-a	id_131	-0.003	-0.015	0.007	0.454	-0.077	-0.185	0.021	0.156	-0.080	-0.189	0.019	0.128	0.037	-0.325	0.676	0.526 :0)	HCER(18 Sphingolipid s	Hexosylcera mide
CR	TNF-a	id_132	0.000	-0.017	0.044	0.910	-0.080	-0.197	0.020	0.110	-0.080	-0.190	0.027	0.120	0.001	-1.636	1.493	0.926 :1)	HCER(18 Sphingolipid s	Hexosylcera mide
CR	TNF-a	id_133	-0.009	-0.023	0.006	0.262	-0.071	-0.175	0.039	0.202	-0.080	-0.181	0.027	0.158	0.113	-0.809	1.130	0.364 :0)	HCER(20 Sphingolipid s	Hexosylcera mide
CR	TNF-a	id_134	-0.003	-0.018	0.029	0.784	-0.077	-0.190	0.026	0.138	-0.080	-0.191	0.025	0.138	0.042	-1.077	0.705	0.794 :1)	HCER(20 Sphingolipid s	Hexosylcera mide
CR	TNF-a	id_135	-0.014	-0.034	0.003	0.102	-0.067	-0.167	0.041	0.242	-0.080	-0.180	0.028	0.132	0.173	-0.512	1.853	0.194 :0)	HCER(22 Sphingolipid s	Hexosylcera mide
CR	TNF-a	id_136	-0.004	-0.021	0.021	0.740	-0.077	-0.188	0.030	0.174	-0.080	-0.190	0.029	0.138	0.044	-0.869	1.010	0.774 :1)	HCER(22 Sphingolipid s	Hexosylcera mide
CR	TNF-a	id_137	-0.013	-0.033	0.006	0.148	-0.068	-0.169	0.037	0.208	-0.080	-0.183	0.028	0.122	0.156	-0.765	1.664	0.230 :0)	HCER(24 Sphingolipid s	Hexosylcera mide

CR	TNF-a	id_138	-0.001	-0.015	0.014	0.818	-0.079	-0.188	0.028	0.162	-0.080	-0.190	0.025	0.164	0.013	-0.582	0.644	0.810	HCER(24:1)	Sphingolipids	Hexosylceramide
CR	TNF-a	id_139	-0.005	-0.018	0.007	0.432	-0.076	-0.178	0.031	0.150	-0.080	-0.182	0.027	0.130	0.058	-0.514	0.542	0.510	HCER(26:0)	Sphingolipids	Hexosylceramide
CR	TNF-a	id_141	0.000	-0.014	0.005	0.700	-0.080	-0.181	0.026	0.138	-0.080	-0.183	0.023	0.140	-0.001	-0.276	0.449	0.744	LCER(14:0)	Sphingolipids	Lactosylceramide
CR	TNF-a	id_142	-0.005	-0.038	0.004	0.382	-0.075	-0.182	0.034	0.196	-0.080	-0.190	0.023	0.132	0.065	-0.630	1.249	0.474	LCER(16:0)	Sphingolipids	Lactosylceramide
CR	TNF-a	id_144	0.002	-0.018	0.012	0.984	-0.082	-0.183	0.034	0.146	-0.080	-0.185	0.031	0.132	-0.022	-0.363	0.624	0.988	LCER(18:1)	Sphingolipids	Lactosylceramide
CR	TNF-a	id_145	0.008	-0.008	0.027	0.376	-0.088	-0.181	0.020	0.116	-0.080	-0.179	0.030	0.152	-0.095	-1.022	0.714	0.480	LCER(20:0)	Sphingolipids	Lactosylceramide
CR	TNF-a	id_146	0.001	-0.015	0.008	0.808	-0.081	-0.183	0.028	0.142	-0.080	-0.189	0.027	0.138	-0.011	-0.312	0.439	0.810	LCER(20:1)	Sphingolipids	Lactosylceramide
CR	TNF-a	id_147	0.007	-0.018	0.026	0.524	-0.087	-0.190	0.022	0.110	-0.080	-0.185	0.027	0.146	-0.084	-1.041	1.014	0.626	LCER(22:0)	Sphingolipids	Lactosylceramide
CR	TNF-a	id_148	-0.002	-0.036	0.014	0.796	-0.078	-0.183	0.027	0.160	-0.080	-0.187	0.028	0.154	0.028	-0.440	1.255	0.742	LCER(22:1)	Sphingolipids	Lactosylceramide
CR	TNF-a	id_149	-0.006	-0.037	0.009	0.468	-0.074	-0.179	0.037	0.200	-0.080	-0.185	0.033	0.142	0.079	-0.426	1.168	0.514	LCER(24:0)	Sphingolipids	Lactosylceramide
CR	TNF-a	id_152	0.001	-0.014	0.008	0.936	-0.081	-0.194	0.024	0.152	-0.080	-0.193	0.021	0.152	-0.010	-0.487	0.442	0.936	LCER(26:1)	Sphingolipids	Lactosylceramide
CR	TNF-a	id_154	-0.002	-0.016	0.047	0.908	-0.078	-0.199	0.015	0.098	-0.080	-0.186	0.016	0.112	0.031	-1.258	0.986	0.900	LPC(15:0)	Lysophosphatidylcholine	LPC Ester
CR	TNF-a	id_157	-0.005	-0.019	0.006	0.380	-0.075	-0.179	0.029	0.162	-0.080	-0.185	0.023	0.134	0.066	-0.485	0.766	0.458	LPC(17:0)	Lysophosphatidylcholine	LPC Ester
CR	TNF-a	id_170	0.000	-0.013	0.014	0.922	-0.081	-0.192	0.032	0.138	-0.080	-0.192	0.032	0.138	-0.003	-0.321	0.332	0.924	LPC(22:6)	Lysophosphatidylcholine	LPC Ester
CR	TNF-a	id_181	0.002	-0.012	0.031	0.716	-0.082	-0.188	0.011	0.092	-0.080	-0.183	0.020	0.110	-0.021	-0.981	0.884	0.762	LPE(20:4)	Lysophosphatidylethanolamine	LPE Ester
CR	TNF-a	id_186	-0.003	-0.018	0.006	0.490	-0.077	-0.177	0.035	0.176	-0.080	-0.179	0.027	0.150	0.039	-0.329	0.606	0.568	0)	MAG	Ester
CR	TNF-a	id_188	0.000	-0.018	0.004	0.504	-0.080	-0.189	0.033	0.172	-0.080	-0.195	0.031	0.148	0.005	-0.252	0.613	0.560	1)	MAG	Ester
CR	TNF-a	id_189	0.002	-0.014	0.015	0.828	-0.082	-0.187	0.025	0.144	-0.080	-0.191	0.030	0.148	-0.024	-0.500	0.553	0.892	0)	MAG	Ester
CR	TNF-a	id_195	-0.007	-0.021	0.004	0.240	-0.074	-0.183	0.037	0.188	-0.080	-0.192	0.030	0.130	0.086	-0.516	1.332	0.334	2)	MAG	Ester
CR	TNF-a	id_203	0.000	-0.022	0.005	0.482	-0.080	-0.186	0.033	0.156	-0.080	-0.187	0.028	0.134	0.001	-0.465	0.650	0.532	5)	MAG	Ester

CR	TNF-a	id_204	-0.007	-0.023	0.004	0.298	-0.074	-0.178	0.039	0.164	-0.080	-0.187	0.027	0.120	0.084	-0.328	0.914	0.378	0)	MAG	Ester
CR	TNF-a	id_205	0.000	-0.015	0.017	0.866	-0.080	-0.186	0.025	0.160	-0.080	-0.187	0.022	0.154	0.003	-0.617	0.921	0.884	1)	MAG	Ester
CR	TNF-a	id_208	-0.008	-0.022	0.008	0.310	-0.073	-0.180	0.032	0.156	-0.080	-0.189	0.027	0.122	0.097	-0.457	0.798	0.380	5)	MAG	Ester
CR	TNF-a	id_209	-0.002	-0.016	0.013	0.684	-0.078	-0.181	0.030	0.160	-0.080	-0.185	0.026	0.160	0.024	-0.422	0.750	0.704	6)	MAG	Ester
CR	TNF-a	id_228	0.000	-0.016	0.032	0.944	-0.081	-0.193	0.029	0.156	-0.080	-0.188	0.031	0.150	-0.004	-1.036	0.729	0.946	PC(15:0/18:2)	Phosphatidyl choline	PC Ester
CR	TNF-a	id_230	-0.010	-0.031	0.006	0.250	-0.070	-0.180	0.028	0.162	-0.080	-0.188	0.017	0.106	0.126	-0.597	1.172	0.308	PC(15:0/20:4)	Phosphatidyl choline	PC Ester
CR	TNF-a	id_241	-0.003	-0.018	0.023	0.706	-0.077	-0.198	0.034	0.184	-0.080	-0.194	0.029	0.156	0.039	-0.639	0.841	0.770	PC(16:0/18:2)	Phosphatidyl choline	PC Ester
CR	TNF-a	id_254	-0.003	-0.018	0.022	0.668	-0.077	-0.186	0.033	0.154	-0.080	-0.190	0.029	0.134	0.041	-0.624	0.769	0.706	PC(17:0/18:2)	Phosphatidyl choline	PC Ester
CR	TNF-a	id_257	-0.001	-0.018	0.024	0.894	-0.079	-0.193	0.025	0.146	-0.080	-0.190	0.026	0.140	0.013	-0.619	0.790	0.890	PC(17:0/20:4)	Phosphatidyl choline	PC Ester
CR	TNF-a	id_272	-0.001	-0.021	0.037	0.964	-0.080	-0.198	0.030	0.130	-0.080	-0.191	0.032	0.140	0.008	-1.133	0.995	0.980	PC(18:0/20:4)	Phosphatidyl choline	PC Ester
CR	TNF-a	id_279	0.004	-0.011	0.030	0.654	-0.084	-0.193	0.015	0.122	-0.080	-0.190	0.018	0.132	-0.044	-0.826	0.556	0.678	PC(18:1/18:2)	Phosphatidyl choline	PC Ester
CR	TNF-a	id_283	-0.005	-0.024	0.051	0.808	-0.076	-0.201	0.028	0.164	-0.080	-0.192	0.025	0.150	0.057	-1.446	1.633	0.818	PC(18:1/20:3)	Phosphatidyl choline	PC Ester
CR	TNF-a	id_284	0.004	-0.015	0.032	0.632	-0.084	-0.196	0.021	0.128	-0.080	-0.189	0.023	0.146	-0.049	-1.059	0.871	0.694	PC(18:1/20:4)	Phosphatidyl choline	PC Ester
CR	TNF-a	id_289	0.004	-0.015	0.052	0.666	-0.084	-0.208	0.023	0.130	-0.080	-0.189	0.030	0.140	-0.048	-1.564	1.186	0.710	PC(18:2/16:1)	Phosphatidyl choline	PC Ester
CR	TNF-a	id_354	0.000	-0.034	0.006	0.674	-0.081	-0.186	0.028	0.156	-0.080	-0.187	0.023	0.130	-0.006	-0.288	0.719	0.716	PE(18:1/22:0)	Phosphatidyl ethanolamine	PE Ester
CR	TNF-a	id_386	0.009	-0.010	0.052	0.360	-0.090	-0.199	0.016	0.098	-0.080	-0.185	0.031	0.166	-0.114	-3.249	1.448	0.482	PE(P-16:0/18:1)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	TNF-a	id_398	0.008	-0.011	0.063	0.384	-0.089	-0.195	0.019	0.108	-0.080	-0.179	0.030	0.154	-0.104	-2.415	1.448	0.490	PE(P-18:0/16:0)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	TNF-a	id_405	0.007	-0.013	0.072	0.508	-0.087	-0.210	0.012	0.088	-0.080	-0.190	0.028	0.158	-0.081	-2.659	1.703	0.578	PE(P-18:0/20:3)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	TNF-a	id_414	0.014	-0.004	0.049	0.144	-0.095	-0.205	0.007	0.078	-0.080	-0.194	0.024	0.122	-0.180	-2.479	0.938	0.254	PE(P-18:1/18:1)	Phosphatidyl ethanolamine	PE Plasmalogen

CR	TNF-a	id_448	-0.005	-0.020	0.035	0.780	-0.075	-0.191	0.023	0.112	-0.080	-0.193	0.021	0.118	0.064	-1.257	0.881	0.818	SM(14:0)	Sphingolipids	Sphingomyelin
CR	TNF-a	id_449	-0.003	-0.017	0.022	0.676	-0.078	-0.197	0.031	0.142	-0.080	-0.192	0.028	0.132	0.031	-0.573	0.623	0.716	SM(16:0)	Sphingolipids	Sphingomyelin
CR	TNF-a	id_450	-0.003	-0.019	0.039	0.900	-0.078	-0.193	0.024	0.124	-0.080	-0.189	0.023	0.130	0.036	-1.331	0.742	0.930	SM(18:0)	Sphingolipids	Sphingomyelin
CR	TNF-a	id_451	0.001	-0.021	0.060	0.914	-0.081	-0.204	0.025	0.116	-0.080	-0.189	0.028	0.138	-0.013	-1.873	1.333	0.944	SM(18:1)	Sphingolipids	Sphingomyelin
CR	TNF-a	id_452	0.002	-0.014	0.058	0.740	-0.082	-0.210	0.020	0.110	-0.080	-0.191	0.026	0.150	-0.023	-1.777	1.589	0.778	SM(20:0)	Sphingolipids	Sphingomyelin
CR	TNF-a	id_453	-0.001	-0.019	0.041	0.994	-0.079	-0.192	0.026	0.124	-0.080	-0.189	0.028	0.126	0.018	-1.535	1.820	0.980	SM(20:1)	Sphingolipids	Sphingomyelin
CR	TNF-a	id_454	0.000	-0.017	0.062	0.912	-0.081	-0.202	0.019	0.106	-0.080	-0.193	0.029	0.132	-0.004	-2.249	1.463	0.928	SM(22:0)	Sphingolipids	Sphingomyelin
CR	TNF-a	id_455	0.000	-0.017	0.058	0.896	-0.080	-0.201	0.012	0.082	-0.080	-0.182	0.016	0.100	0.005	-2.367	0.705	0.920	SM(22:1)	Sphingolipids	Sphingomyelin
CR	TNF-a	id_456	-0.010	-0.026	0.006	0.224	-0.070	-0.180	0.039	0.218	-0.080	-0.187	0.034	0.170	0.127	-0.733	1.004	0.346	SM(24:0)	Sphingolipids	Sphingomyelin
CR	TNF-a	id_457	-0.003	-0.017	0.007	0.494	-0.078	-0.184	0.036	0.168	-0.080	-0.187	0.028	0.152	0.034	-0.470	0.491	0.558	SM(24:1)	Sphingolipids	Sphingomyelin
CR	TNF-a	id_458	0.000	-0.014	0.042	0.948	-0.081	-0.201	0.019	0.094	-0.080	-0.193	0.018	0.124	-0.003	-1.592	0.941	0.968	SM(26:0)	Sphingolipids	Sphingomyelin
CR	TNF-a	id_459	0.002	-0.024	0.015	0.990	-0.082	-0.193	0.029	0.142	-0.080	-0.195	0.032	0.144	-0.026	-0.593	0.691	0.966	SM(26:1)	Sphingolipids	Sphingomyelin
CR	TNF-a	id_660	-0.017	-0.075	-0.011	0.002	-0.064	-0.168	0.063	0.430	-0.080	-0.188	0.029	0.146	0.207	-2.510	2.882	0.148	TAG51:3-FA16:0	Triacylglycerols	
CR	TNF-a	id_663	-0.022	-0.078	-0.012	0.002	-0.059	-0.153	0.067	0.384	-0.080	-0.178	0.027	0.148	0.269	-2.427	3.067	0.150	TAG51:3-FA18:1	Triacylglycerols	TAG Ester
CR	TNF-a	id_667	-0.018	-0.069	-0.011	0.004	-0.063	-0.169	0.060	0.442	-0.080	-0.190	0.026	0.156	0.218	-3.225	4.150	0.160	TAG51:4-FA16:0	Triacylglycerols	TAG Ester
CR	TNF-a	id_755	-0.005	-0.016	0.012	0.512	-0.076	-0.185	0.029	0.138	-0.080	-0.185	0.027	0.120	0.061	-0.448	0.542	0.556	TAG53:3-FA18:0	Triacylglycerols	TAG Ester
CR	TNF-a	id_760	-0.006	-0.023	0.004	0.162	-0.074	-0.172	0.034	0.172	-0.080	-0.179	0.026	0.136	0.077	-0.554	0.808	0.274	TAG53:4-FA18:0	Triacylglycerols	TAG Ester
CR	TNF-a	id_761	-0.010	-0.062	-0.007	0.008	-0.070	-0.171	0.053	0.324	-0.080	-0.184	0.023	0.134	0.129	-1.882	3.648	0.142	TAG53:4-FA18:1	Triacylglycerols	TAG Ester
CR	TNF-a	id_765	-0.006	-0.021	0.003	0.182	-0.074	-0.185	0.032	0.170	-0.080	-0.188	0.026	0.132	0.076	-0.483	0.798	0.282	TAG53:5-FA18:1	Triacylglycerols	TAG Ester
CR	TNF-a	id_766	-0.009	-0.041	-0.004	0.008	-0.072	-0.172	0.044	0.234	-0.080	-0.187	0.022	0.132	0.109	-1.281	1.889	0.140	TAG53:5-FA18:2	Triacylglycerols	TAG Ester

CR	TNF-a	id_769	-0.005	-0.016	0.010	0.436	-0.076	-0.187	0.021	0.126	-0.080	-0.189	0.016	0.106	0.058	-0.498	0.668	0.474	TAG53:6- Triacylglycer	FA18:1 ol	TAG Ester
CR	TNF-a	id_770	-0.011	-0.049	-0.003	0.022	-0.070	-0.173	0.042	0.228	-0.080	-0.188	0.023	0.122	0.134	-1.060	1.876	0.144	TAG53:6- Triacylglycer	FA18:2 ol	TAG Ester
CR	TNF-a	id_771	-0.007	-0.031	0.000	0.058	-0.073	-0.175	0.039	0.208	-0.080	-0.187	0.023	0.142	0.090	-1.094	1.257	0.200	TAG53:6- Triacylglycer	FA18:3 ol	TAG Ester
CR	TNF-a	id_773	-0.006	-0.018	0.007	0.366	-0.074	-0.175	0.038	0.208	-0.080	-0.180	0.034	0.174	0.076	-0.630	0.867	0.476	TAG53:7- Triacylglycer	FA18:3 ol	TAG Ester
CR	TNF-a	id_856	-0.007	-0.027	0.001	0.086	-0.073	-0.184	0.041	0.204	-0.080	-0.194	0.031	0.164	0.089	-0.796	0.846	0.234	TAG55:6- Triacylglycer	FA18:1 ol	TAG Ester
CR	TNF-a	id_857	-0.005	-0.017	0.005	0.354	-0.076	-0.183	0.030	0.164	-0.080	-0.191	0.024	0.140	0.061	-0.655	0.672	0.418	TAG55:6- Triacylglycer	FA20:3 ol	TAG Ester
CR	TNF-a	id_860	-0.012	-0.037	-0.003	0.024	-0.068	-0.171	0.049	0.230	-0.080	-0.185	0.030	0.132	0.149	-1.055	1.919	0.156	TAG55:7- Triacylglycer	FA18:1 ol	TAG Ester
CR	TNF-a	id_861	-0.005	-0.017	0.005	0.358	-0.075	-0.180	0.028	0.166	-0.080	-0.184	0.021	0.142	0.064	-0.560	0.602	0.448	TAG55:7- Triacylglycer	FA20:3 ol	TAG Ester
CR	TNF-a	id_862	-0.005	-0.015	0.004	0.348	-0.076	-0.185	0.029	0.168	-0.080	-0.189	0.025	0.140	0.057	-0.469	0.675	0.432	TAG55:7- Triacylglycer	FA20:4 ol	TAG Ester
CR	TNF-a	id_864	-0.006	-0.018	0.005	0.240	-0.075	-0.187	0.033	0.186	-0.080	-0.192	0.027	0.154	0.073	-0.572	0.913	0.334	TAG55:8- Triacylglycer	FA20:4 ol	TAG Ester
CR	TNF-a	id_939	-0.004	-0.016	0.009	0.378	-0.076	-0.186	0.034	0.178	-0.080	-0.189	0.030	0.160	0.053	-0.661	0.524	0.446	TAG57:9- Triacylglycer	FA22:6 ol	TAG Ester
CR	TNF-a	id_978	-0.012	-0.031	0.009	0.188	-0.068	-0.182	0.044	0.264	-0.080	-0.188	0.030	0.172	0.151	-1.347	1.733	0.324	Neutral Complex	Total CE Lipids SUM	Cholesteryl Esters
CR	TNF-a	id_979	-0.011	-0.026	0.012	0.298	-0.070	-0.183	0.038	0.206	-0.080	-0.192	0.027	0.156	0.131	-1.012	1.156	0.414	Total Sphingolipid	CER SUM	Ceramides
CR	TNF-a	id_981	-0.009	-0.025	0.018	0.366	-0.071	-0.185	0.048	0.208	-0.080	-0.189	0.035	0.158	0.112	-1.084	1.394	0.484	Total Sphingolipid	DCER SUM	Dihydrocera mides
CR	TNF-a	id_982	-0.011	-0.030	0.005	0.192	-0.069	-0.180	0.037	0.204	-0.080	-0.190	0.020	0.128	0.137	-0.704	1.845	0.280	Total Sphingolipid	HCER SUM	Hexosylcera mides
CR	TNF-a	id_983	-0.004	-0.041	0.004	0.450	-0.077	-0.184	0.041	0.204	-0.080	-0.194	0.030	0.158	0.048	-0.717	0.982	0.516	Total Sphingolipid	LCER SUM	Lactosylcera mides
CR	TNF-a	id_987	-0.006	-0.022	0.026	0.592	-0.075	-0.180	0.038	0.176	-0.080	-0.179	0.028	0.140	0.074	-0.889	0.945	0.656	Phospholipid	Total PC SUM	Phosphatidyl cholines
CR	TNF-a	id_990	-0.003	-0.017	0.040	0.832	-0.077	-0.186	0.024	0.116	-0.080	-0.185	0.031	0.126	0.037	-1.355	0.935	0.846	Sphingolipid	Total SM SUM	Sphingomyel ins
CR	TNF-a	id_039	0.000	-0.015	0.015	0.970	-0.080	-0.185	0.028	0.132	-0.080	-0.184	0.027	0.138	0.003	-0.668	0.456	0.932	Cholesterol	CE(22:1) Ester	CE Ester
CR	TNF-a	id_060	-0.004	-0.031	0.004	0.280	-0.076	-0.182	0.041	0.174	-0.080	-0.188	0.028	0.126	0.050	-0.607	0.973	0.406	DAG(12: 0/18:1)	Diacylglycer ol	DAG Ester

CR	TNF-a	id_071	-0.008	-0.031	0.003	0.134	-0.072	-0.186	0.036	0.196	-0.080	-0.191	0.026	0.134	0.101	-0.798	1.180	0.256	DAG(14:1/16:0)	Diacylglycerol	DAG Ester
CR	TNF-a	id_072	-0.004	-0.022	0.011	0.660	-0.077	-0.185	0.030	0.178	-0.080	-0.187	0.029	0.144	0.049	-0.455	1.030	0.680	DAG(14:1/18:1)	Diacylglycerol	DAG Ester
CR	TNF-a	id_150	-0.017	-0.051	0.002	0.108	-0.063	-0.171	0.040	0.210	-0.080	-0.185	0.023	0.120	0.211	-1.056	1.551	0.220	LCER(24:1)	Sphingolipids	Lactosylceramide
CR	TNF-a	id_151	-0.001	-0.018	0.008	0.784	-0.080	-0.185	0.022	0.160	-0.080	-0.190	0.020	0.144	0.010	-0.264	0.494	0.824	LCER(26:0)	Sphingolipids	Lactosylceramide
CR	TNF-a	id_160	0.000	-0.014	0.006	0.580	-0.080	-0.192	0.029	0.164	-0.080	-0.193	0.027	0.150	0.002	-0.200	0.447	0.626	LPC(18:2)	Lysophosphatidylcholine	LPC Ester
CR	TNF-a	id_196	-0.003	-0.019	0.021	0.718	-0.077	-0.182	0.024	0.134	-0.080	-0.182	0.022	0.118	0.042	-0.705	0.705	0.740	3)	MAG	Ester
CR	TNF-a	id_199	-0.003	-0.019	0.006	0.556	-0.078	-0.187	0.040	0.170	-0.080	-0.190	0.034	0.154	0.034	-0.418	0.572	0.622	1)	MAG	Ester
CR	TNF-a	id_200	-0.007	-0.021	0.003	0.272	-0.074	-0.183	0.034	0.162	-0.080	-0.188	0.025	0.140	0.086	-0.492	0.648	0.372	2)	MAG	Ester
CR	TNF-a	id_201	-0.009	-0.024	0.004	0.180	-0.071	-0.181	0.029	0.154	-0.080	-0.187	0.017	0.112	0.111	-0.586	0.772	0.276	3)	MAG	Ester
CR	TNF-a	id_251	-0.003	-0.023	0.017	0.772	-0.077	-0.182	0.029	0.152	-0.080	-0.186	0.029	0.130	0.041	-0.569	0.646	0.798	PC(16:0/22:6)	Phosphatidylcholine	PC Ester
CR	TNF-a	id_288	-0.006	-0.020	0.007	0.390	-0.075	-0.178	0.023	0.146	-0.080	-0.184	0.016	0.114	0.072	-0.448	0.930	0.452	PC(18:1/22:6)	Phosphatidylcholine	PC Ester
CR	TNF-a	id_293	0.003	-0.018	0.026	0.710	-0.083	-0.193	0.033	0.152	-0.080	-0.182	0.033	0.148	-0.036	-0.991	0.840	0.726	PC(18:2/20:2)	Phosphatidylcholine	PC Ester
CR	TNF-a	id_298	-0.007	-0.025	0.005	0.340	-0.074	-0.181	0.037	0.168	-0.080	-0.189	0.031	0.142	0.082	-0.450	0.568	0.418	PC(18:2/22:5)	Phosphatidylcholine	PC Ester
CR	TNF-a	id_332	-0.002	-0.016	0.015	0.688	-0.078	-0.192	0.027	0.134	-0.080	-0.190	0.028	0.112	0.026	-0.587	0.584	0.700	PE(18:0/18:0)	Phosphatidylethanolamine	PE Ester
CR	TNF-a	id_359	0.007	-0.009	0.031	0.380	-0.087	-0.191	0.024	0.108	-0.080	-0.184	0.025	0.154	-0.085	-1.193	0.831	0.482	PE(18:2/16:1)	Phosphatidylethanolamine	PE Ester
CR	TNF-a	id_366	0.015	-0.003	0.045	0.130	-0.095	-0.195	0.015	0.098	-0.080	-0.184	0.030	0.178	-0.185	-2.490	2.146	0.292	PE(O-16:0/18:16)	Phosphatidylethanolamine	PE Ether
CR	TNF-a	id_368	0.010	-0.005	0.034	0.230	-0.090	-0.200	0.016	0.088	-0.080	-0.192	0.026	0.134	-0.123	-1.971	0.851	0.328	PE(O-16:0/20:16)	Phosphatidylethanolamine	PE Ether
CR	TNF-a	id_372	0.000	-0.015	0.005	0.682	-0.080	-0.179	0.029	0.160	-0.080	-0.183	0.025	0.134	0.002	-0.276	0.372	0.740	PE(O-16:0/22:16)	Phosphatidylethanolamine	PE Ether

CR	TNF-a	id_378	0.009	-0.007	0.051	0.310	-0.090	-0.198	0.015	0.098	-0.080	-0.186	0.023	0.134	-0.114	-2.229	0.939	0.392	PE(O-18:0/20:4)	Phosphatidyl ethanolamine	PE Ether
CR	TNF-a	id_381	-0.002	-0.022	0.034	0.928	-0.079	-0.196	0.026	0.136	-0.080	-0.190	0.028	0.114	0.021	-1.063	1.290	0.938	PE(O-18:0/22:5)	Phosphatidyl ethanolamine	PE Ether
CR	TNF-a	id_382	0.000	-0.018	0.005	0.594	-0.080	-0.191	0.027	0.150	-0.080	-0.195	0.026	0.120	0.000	-0.320	0.539	0.658	PE(O-18:0/22:6)	Phosphatidyl ethanolamine	PE Ether
CR	TNF-a	id_387	0.013	-0.007	0.067	0.266	-0.094	-0.206	0.004	0.054	-0.080	-0.189	0.018	0.132	-0.164	-2.588	1.580	0.378	PE(P-16:0/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	TNF-a	id_392	0.013	-0.010	0.058	0.308	-0.093	-0.205	0.012	0.074	-0.080	-0.182	0.027	0.180	-0.162	-2.340	2.920	0.436	PE(P-16:0/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	TNF-a	id_395	0.014	-0.013	0.076	0.330	-0.094	-0.209	0.012	0.090	-0.080	-0.188	0.032	0.144	-0.173	-2.905	1.260	0.430	PE(P-16:0/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	TNF-a	id_396	0.000	-0.014	0.011	0.862	-0.080	-0.181	0.031	0.132	-0.080	-0.182	0.031	0.132	0.000	-0.320	0.437	0.862	PE(P-16:0/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	TNF-a	id_401	0.007	-0.010	0.046	0.394	-0.088	-0.196	0.019	0.114	-0.080	-0.182	0.030	0.140	-0.091	-1.880	1.433	0.494	PE(P-18:0/18:1)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	TNF-a	id_402	0.010	-0.011	0.052	0.294	-0.091	-0.193	0.008	0.086	-0.080	-0.179	0.023	0.104	-0.125	-2.128	0.784	0.362	PE(P-18:0/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	TNF-a	id_406	0.010	-0.008	0.046	0.290	-0.090	-0.202	0.021	0.116	-0.080	-0.186	0.036	0.158	-0.119	-1.665	1.036	0.408	PE(P-18:0/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	TNF-a	id_409	0.014	-0.011	0.074	0.290	-0.094	-0.206	0.007	0.074	-0.080	-0.183	0.023	0.144	-0.174	-3.107	1.639	0.398	PE(P-18:0/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	TNF-a	id_410	0.000	-0.013	0.007	0.756	-0.080	-0.187	0.025	0.164	-0.080	-0.189	0.024	0.148	0.004	-0.393	0.485	0.808	PE(P-18:0/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	TNF-a	id_411	0.004	-0.009	0.027	0.560	-0.085	-0.186	0.018	0.100	-0.080	-0.183	0.021	0.126	-0.056	-0.977	0.600	0.618	PE(P-18:1/16:0)	Phosphatidyl ethanolamine	PE Plasmalogen

CR	TNF-a	id_415	0.018	-0.005	0.058	0.128	-0.098	-0.209	0.010	0.082	-0.080	-0.187	0.030	0.146	-0.221	-2.012	1.816	0.258	PE(P-18:1/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	TNF-a	id_419	0.013	-0.009	0.052	0.270	-0.093	-0.199	0.007	0.080	-0.080	-0.182	0.022	0.142	-0.156	-2.317	1.953	0.368	PE(P-18:1/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	TNF-a	id_421	0.012	-0.013	0.063	0.342	-0.093	-0.203	0.010	0.078	-0.080	-0.183	0.021	0.138	-0.151	-2.732	1.846	0.432	PE(P-18:1/22:4)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	TNF-a	id_422	0.018	-0.010	0.093	0.248	-0.098	-0.217	0.015	0.074	-0.080	-0.183	0.028	0.140	-0.220	-3.581	2.228	0.344	PE(P-18:1/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	TNF-a	id_423	0.001	-0.015	0.011	0.922	-0.081	-0.192	0.028	0.124	-0.080	-0.194	0.025	0.128	-0.011	-0.358	0.374	0.938	PE(P-18:1/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	TNF-a	id_424	0.006	-0.012	0.031	0.516	-0.087	-0.199	0.013	0.110	-0.080	-0.191	0.021	0.130	-0.079	-0.968	0.824	0.586	PE(P-18:2/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
CR	TNF-a	id_425	0.014	-0.007	0.047	0.204	-0.094	-0.199	0.012	0.084	-0.080	-0.187	0.030	0.132	-0.169	-2.270	0.919	0.316	PE(P-18:2/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	crp	id_023	-0.080	-0.223	0.042	0.180	0.112	-0.312	0.506	0.652	0.032	-0.414	0.445	0.928	-2.534	-4.862	5.612	0.980	CE(15:0)	Cholesterol Ester	CE Ester
AL	crp	id_024	-0.031	-0.142	0.050	0.486	0.063	-0.362	0.503	0.730	0.032	-0.399	0.463	0.828	-0.991	-3.550	3.852	0.990	CE(16:0)	Cholesterol Ester	CE Ester
AL	crp	id_026	-0.057	-0.177	0.019	0.180	0.089	-0.329	0.463	0.646	0.032	-0.379	0.424	0.862	-1.815	-4.187	5.419	0.906	CE(17:0)	Cholesterol Ester	CE Ester
AL	crp	id_027	-0.005	-0.077	0.054	0.812	0.037	-0.391	0.488	0.844	0.032	-0.396	0.467	0.862	-0.167	-1.403	1.506	0.978	CE(18:0)	Cholesterol Ester	CE Ester
AL	crp	id_028	-0.033	-0.139	0.035	0.366	0.065	-0.360	0.505	0.798	0.032	-0.403	0.459	0.884	-1.050	-3.157	1.835	0.986	CE(18:1)	Cholesterol Ester	CE Ester
AL	crp	id_029	-0.018	-0.109	0.034	0.544	0.050	-0.368	0.477	0.788	0.032	-0.369	0.467	0.882	-0.572	-2.710	2.256	0.950	CE(18:2)	Cholesterol Ester	CE Ester
AL	crp	id_033	-0.017	-0.090	0.065	0.662	0.049	-0.380	0.465	0.786	0.032	-0.385	0.439	0.854	-0.536	-2.567	2.538	0.940	CE(20:1)	Cholesterol Ester	CE Ester
AL	crp	id_034	-0.129	-0.291	0.022	0.094	0.161	-0.250	0.596	0.420	0.032	-0.393	0.506	0.902	-4.090	-6.671	10.505	0.968	CE(20:2)	Cholesterol Ester	CE Ester
AL	crp	id_035	-0.097	-0.255	0.046	0.212	0.129	-0.263	0.528	0.480	0.032	-0.392	0.437	0.814	-3.076	-5.042	8.168	0.946	CE(20:3)	Cholesterol Ester	CE Ester
AL	crp	id_036	-0.011	-0.099	0.053	0.702	0.043	-0.380	0.482	0.844	0.032	-0.400	0.467	0.896	-0.353	-2.561	1.888	0.974	CE(20:4)	Cholesterol Ester	CE Ester

AL	crp	id_041	-0.018	-0.101	0.033	0.560	0.049	-0.365	0.467	0.772	0.032	-0.367	0.443	0.830	-0.557	-1.544	1.900	0.946	CE(22:4)	Cholesterol Ester	CE Ester
AL	crp	id_042	-0.006	-0.085	0.061	0.828	0.038	-0.379	0.423	0.900	0.032	-0.377	0.425	0.934	-0.190	-1.908	1.852	0.958	CE(22:5)	Cholesterol Ester	CE Ester
AL	crp	id_043	0.008	-0.047	0.090	0.796	0.024	-0.432	0.459	0.888	0.032	-0.428	0.466	0.832	0.257	-1.617	1.761	0.948	CE(22:6)	Cholesterol Ester	CE Ester
AL	crp	id_044	-0.036	-0.117	0.034	0.340	0.068	-0.354	0.473	0.778	0.032	-0.385	0.458	0.878	-1.141	-2.555	1.834	0.958	CE(24:0)	Cholesterol Ester	CE Ester
AL	crp	id_045	-0.030	-0.111	0.065	0.498	0.062	-0.354	0.475	0.792	0.032	-0.375	0.455	0.878	-0.961	-3.898	3.828	0.956	CE(24:1)	Cholesterol Ester	CE Ester
AL	crp	id_046	-0.045	-0.152	0.021	0.234	0.076	-0.332	0.472	0.716	0.032	-0.382	0.432	0.892	-1.418	-2.892	5.178	0.934	CER(14:0)	Phospholipid s	Ceramide
AL	crp	id_047	-0.024	-0.129	0.031	0.510	0.056	-0.368	0.482	0.788	0.032	-0.384	0.428	0.866	-0.766	-3.095	1.733	0.900	CER(16:0)	Phospholipid s	Ceramide
AL	crp	id_048	-0.021	-0.160	0.095	0.684	0.053	-0.386	0.476	0.818	0.032	-0.423	0.444	0.926	-0.673	-3.110	3.877	0.866	CER(18:0)	Phospholipid s	Ceramide
AL	crp	id_049	-0.070	-0.190	0.015	0.118	0.102	-0.339	0.513	0.648	0.032	-0.388	0.455	0.890	-2.221	-6.899	6.383	0.912	CER(18:1)	Phospholipid s	Ceramide
AL	crp	id_050	-0.012	-0.118	0.068	0.732	0.044	-0.390	0.437	0.868	0.032	-0.402	0.443	0.902	-0.385	-2.625	2.018	0.946	CER(20:0)	Phospholipid s	Ceramide
AL	crp	id_051	-0.065	-0.190	0.039	0.206	0.097	-0.320	0.484	0.632	0.032	-0.380	0.414	0.880	-2.070	-5.483	6.246	0.978	CER(20:1)	Phospholipid s	Ceramide
AL	crp	id_052	-0.002	-0.061	0.042	0.880	0.034	-0.379	0.429	0.878	0.032	-0.377	0.424	0.874	-0.078	-1.422	1.368	0.974	CER(22:0)	Phospholipid s	Ceramide
AL	crp	id_053	-0.072	-0.201	0.018	0.146	0.103	-0.299	0.536	0.680	0.032	-0.377	0.449	0.932	-2.273	-4.395	4.353	0.994	CER(22:1)	Phospholipid s	Ceramide
AL	crp	id_054	-0.008	-0.075	0.040	0.786	0.040	-0.369	0.473	0.852	0.032	-0.379	0.459	0.882	-0.266	-1.609	1.128	0.992	CER(24:0)	Phospholipid s	Ceramide
AL	crp	id_055	-0.005	-0.115	0.098	0.966	0.036	-0.361	0.460	0.870	0.032	-0.382	0.458	0.892	-0.146	-2.463	2.128	0.858	CER(24:1)	Phospholipid s	Ceramide
AL	crp	id_057	-0.025	-0.168	0.115	0.656	0.056	-0.354	0.449	0.754	0.032	-0.398	0.450	0.840	-0.780	-4.300	5.318	0.856	CER(26:1)	Phospholipid s	Ceramide
AL	crp	id_116	-0.001	-0.054	0.027	0.784	0.033	-0.356	0.470	0.842	0.032	-0.352	0.466	0.854	-0.029	-0.728	0.635	0.930	DCER(14:0)	Phospholipid s	Dihydroceramide
AL	crp	id_117	-0.004	-0.077	0.049	0.896	0.035	-0.380	0.473	0.814	0.032	-0.379	0.458	0.818	-0.122	-1.186	0.922	0.978	DCER(16:0)	Phospholipid s	Dihydroceramide
AL	crp	id_118	-0.001	-0.084	0.084	0.994	0.033	-0.377	0.438	0.842	0.032	-0.401	0.447	0.824	-0.030	-2.311	3.714	0.906	DCER(18:0)	Phospholipid s	Dihydroceramide
AL	crp	id_119	0.007	-0.035	0.078	0.730	0.025	-0.395	0.448	0.982	0.032	-0.390	0.447	0.952	0.220	-1.061	1.181	0.970	DCER(18:1)	Phospholipid s	Dihydroceramide

AL	crp	id_120	-0.019	-0.135	0.071	0.670	0.051	-0.371	0.487	0.778	0.032	-0.391	0.475	0.850	-0.602	-2.657	2.790	0.924	DCER(20 :0)	Sphingolipid s	Dihydrocера mide
AL	crp	id_121	-0.002	-0.081	0.061	0.862	0.034	-0.383	0.444	0.894	0.032	-0.388	0.444	0.920	-0.076	-1.396	2.242	0.914	DCER(20 :1)	Sphingolipid s	Dihydrocера mide
AL	crp	id_122	-0.013	-0.093	0.022	0.572	0.044	-0.400	0.462	0.836	0.032	-0.404	0.445	0.886	-0.400	-1.729	1.439	0.906	DCER(22 :0)	Sphingolipid s	Dihydrocера mide
AL	crp	id_123	0.012	-0.075	0.120	0.766	0.019	-0.382	0.434	0.910	0.032	-0.370	0.464	0.844	0.386	-2.864	3.008	0.830	DCER(22 :1)	Sphingolipid s	Dihydrocера mide
AL	crp	id_124	-0.006	-0.098	0.043	0.750	0.038	-0.376	0.459	0.838	0.032	-0.395	0.443	0.872	-0.198	-1.503	1.657	0.986	DCER(22 :2)	Sphingolipid s	Dihydrocера mide
AL	crp	id_125	-0.011	-0.073	0.037	0.720	0.043	-0.391	0.465	0.834	0.032	-0.397	0.456	0.872	-0.354	-1.368	1.397	0.972	DCER(24 :0)	Sphingolipid s	Dihydrocера mide
AL	crp	id_126	-0.021	-0.155	0.104	0.718	0.053	-0.355	0.447	0.726	0.032	-0.406	0.438	0.816	-0.667	-2.986	2.976	0.918	DCER(24 :1)	Sphingolipid s	Dihydrocера mide
AL	crp	id_128	0.001	-0.058	0.069	0.918	0.031	-0.408	0.430	0.922	0.032	-0.408	0.427	0.908	0.021	-2.378	1.542	0.926	DCER(26 :1)	Sphingolipid s	Dihydrocера mide
AL	crp	id_129	0.003	-0.082	0.075	0.964	0.029	-0.384	0.437	0.848	0.032	-0.398	0.450	0.826	0.086	-2.057	1.473	0.894	HCER(14 :0)	Sphingolipid s	Hexosylcера mide
AL	crp	id_130	-0.003	-0.077	0.078	0.902	0.035	-0.400	0.439	0.822	0.032	-0.409	0.450	0.846	-0.105	-1.684	1.589	0.928	HCER(16 :0)	Sphingolipid s	Hexosylcера mide
AL	crp	id_131	-0.017	-0.097	0.037	0.544	0.049	-0.396	0.479	0.816	0.032	-0.406	0.484	0.888	-0.542	-1.970	1.944	0.908	HCER(18 :0)	Sphingolipid s	Hexosylcера mide
AL	crp	id_132	-0.036	-0.140	0.039	0.334	0.067	-0.373	0.463	0.748	0.032	-0.403	0.448	0.864	-1.130	-2.305	2.052	0.978	HCER(18 :1)	Sphingolipid s	Hexosylcера mide
AL	crp	id_133	-0.006	-0.080	0.051	0.836	0.037	-0.400	0.490	0.838	0.032	-0.412	0.477	0.856	-0.184	-1.411	1.323	0.992	HCER(20 :0)	Sphingolipid s	Hexosylcера mide
AL	crp	id_134	-0.045	-0.167	0.048	0.394	0.077	-0.343	0.494	0.750	0.032	-0.410	0.468	0.930	-1.434	-3.158	5.120	0.972	HCER(20 :1)	Sphingolipid s	Hexosylcера mide
AL	crp	id_135	0.001	-0.038	0.045	0.884	0.030	-0.409	0.449	0.830	0.032	-0.402	0.448	0.822	0.039	-1.066	0.963	0.950	HCER(22 :0)	Sphingolipid s	Hexosylcера mide
AL	crp	id_136	-0.043	-0.184	0.067	0.446	0.074	-0.319	0.492	0.730	0.032	-0.360	0.477	0.892	-1.346	-3.911	3.552	0.930	HCER(22 :1)	Sphingolipid s	Hexosylcера mide
AL	crp	id_137	-0.002	-0.037	0.030	0.970	0.034	-0.380	0.442	0.844	0.032	-0.376	0.445	0.860	-0.071	-0.751	0.940	0.938	HCER(24 :0)	Sphingolipid s	Hexosylcера mide
AL	crp	id_138	-0.005	-0.074	0.074	0.948	0.036	-0.399	0.459	0.908	0.032	-0.415	0.453	0.914	-0.146	-1.928	1.902	0.886	HCER(24 :1)	Sphingolipid s	Hexosylcера mide
AL	crp	id_139	0.004	-0.066	0.079	0.922	0.027	-0.437	0.458	0.918	0.032	-0.428	0.464	0.922	0.137	-1.778	1.777	0.896	HCER(26 :0)	Sphingolipid s	Hexosylcера mide
AL	crp	id_141	-0.019	-0.115	0.062	0.620	0.051	-0.387	0.467	0.822	0.032	-0.402	0.437	0.874	-0.611	-2.751	2.562	0.994	LCER(14: 0)	Sphingolipid s	Lactosylcера mide

AL	crp	id_142	0.007	-0.071	0.088	0.874	0.024	-0.388	0.443	0.914	0.032	-0.370	0.462	0.908	0.227	-2.192	1.587	0.958 0)	LCER(16: Sphingolipid s	Lactosylcera mide
AL	crp	id_144	-0.005	-0.060	0.050	0.906	0.037	-0.373	0.465	0.858	0.032	-0.369	0.460	0.870	-0.157	-2.022	1.119	0.960 1)	LCER(18: Sphingolipid s	Lactosylcera mide
AL	crp	id_145	0.000	-0.038	0.032	0.914	0.032	-0.400	0.478	0.872	0.032	-0.390	0.477	0.876	-0.016	-0.481	0.706	0.914 0)	LCER(20: Sphingolipid s	Lactosylcera mide
AL	crp	id_146	0.001	-0.065	0.050	0.944	0.031	-0.408	0.446	0.890	0.032	-0.407	0.447	0.910	0.019	-1.657	1.134	0.982 1)	LCER(20: Sphingolipid s	Lactosylcera mide
AL	crp	id_147	0.003	-0.032	0.047	0.878	0.029	-0.427	0.462	0.866	0.032	-0.434	0.451	0.864	0.080	-0.625	0.711	0.978 0)	LCER(22: Sphingolipid s	Lactosylcera mide
AL	crp	id_148	-0.019	-0.115	0.050	0.560	0.050	-0.379	0.444	0.864	0.032	-0.399	0.426	0.920	-0.594	-3.166	2.063	0.964 1)	LCER(22: Sphingolipid s	Lactosylcera mide
AL	crp	id_149	0.000	-0.042	0.035	0.952	0.032	-0.399	0.445	0.884	0.032	-0.395	0.428	0.872	-0.015	-0.808	0.889	0.984 0)	LCER(24: Sphingolipid s	Lactosylcera mide
AL	crp	id_152	0.008	-0.060	0.076	0.844	0.024	-0.398	0.453	0.912	0.032	-0.397	0.487	0.904	0.242	-1.610	1.714	0.900 1)	LCER(26: Sphingolipid s	Lactosylcera mide
AL	crp	id_154	0.057	-0.010	0.168	0.126	-0.026	-0.420	0.389	0.958	0.032	-0.384	0.435	0.842	1.815	-4.133	2.994	0.804)	LPC(15:0 Lysophospha tidylcholine	LPC Ester
AL	crp	id_157	0.092	-0.045	0.232	0.192	-0.060	-0.440	0.326	0.816	0.032	-0.415	0.447	0.890	2.896	-6.153	5.494	0.826)	LPC(17:0 Lysophospha tidylcholine	LPC Ester
AL	crp	id_170	0.005	-0.076	0.100	0.874	0.027	-0.418	0.446	0.978	0.032	-0.408	0.460	0.962	0.145	-2.228	2.198	0.860)	LPC(22:6 Lysophospha tidylcholine	LPC Ester
AL	crp	id_181	0.003	-0.039	0.039	0.970	0.029	-0.400	0.456	0.830	0.032	-0.409	0.449	0.820	0.080	-0.662	0.830	0.978)	Lysophospha tidylethanol amine	LPE Ester
AL	crp	id_186	-0.004	-0.086	0.078	0.912	0.036	-0.376	0.438	0.898	0.032	-0.394	0.443	0.918	-0.139	-1.548	1.751	0.858 0)	MAG	Ester
AL	crp	id_188	0.060	-0.040	0.191	0.282	-0.028	-0.455	0.360	0.874	0.032	-0.390	0.437	0.896	1.896	-4.336	3.923	0.846 1)	MAG	Ester
AL	crp	id_189	-0.001	-0.041	0.054	0.904	0.033	-0.414	0.458	0.878	0.032	-0.406	0.469	0.874	-0.037	-0.861	0.715	0.970 0)	MAG	Ester
AL	crp	id_195	0.000	-0.040	0.056	0.838	0.031	-0.401	0.449	0.850	0.032	-0.403	0.466	0.826	0.007	-0.996	1.550	0.872 2)	MAG	Ester
AL	crp	id_203	0.005	-0.038	0.071	0.790	0.027	-0.395	0.458	0.906	0.032	-0.397	0.453	0.900	0.147	-1.362	0.875	0.998 5)	MAG	Ester
AL	crp	id_204	0.008	-0.079	0.107	0.836	0.024	-0.389	0.443	0.904	0.032	-0.408	0.452	0.878	0.248	-1.865	2.140	0.874 0)	MAG	Ester
AL	crp	id_205	-0.010	-0.082	0.073	0.754	0.042	-0.408	0.468	0.854	0.032	-0.407	0.461	0.904	-0.323	-2.152	2.182	0.942 1)	MAG	Ester
AL	crp	id_208	0.000	-0.043	0.045	0.976	0.031	-0.396	0.485	0.888	0.032	-0.390	0.462	0.888	0.010	-0.905	0.868	0.996 5)	MAG	Ester
AL	crp	id_209	0.005	-0.090	0.120	0.944	0.027	-0.380	0.443	0.902	0.032	-0.380	0.443	0.886	0.160	-2.779	2.057	0.906 6)	MAG	Ester

AL	crp	id_228	-0.011	-0.107	0.101	0.794	0.042	-0.375	0.457	0.824	0.032	-0.392	0.463	0.866	-0.336	-2.629	2.774	0.912	PC(15:0/18:2)	Phosphatidyl choline	PC Ester
AL	crp	id_230	-0.030	-0.119	0.033	0.372	0.062	-0.327	0.482	0.748	0.032	-0.363	0.462	0.824	-0.949	-1.618	1.723	0.956	PC(15:0/20:4)	Phosphatidyl choline	PC Ester
AL	crp	id_241	-0.004	-0.163	0.147	0.934	0.036	-0.370	0.396	0.870	0.032	-0.412	0.439	0.884	-0.137	-5.131	5.821	0.794	PC(16:0/18:2)	Phosphatidyl choline	PC Ester
AL	crp	id_254	-0.025	-0.111	0.043	0.490	0.057	-0.365	0.441	0.776	0.032	-0.378	0.420	0.846	-0.790	-2.261	2.696	0.992	PC(17:0/18:2)	Phosphatidyl choline	PC Ester
AL	crp	id_257	-0.020	-0.104	0.031	0.500	0.051	-0.391	0.479	0.808	0.032	-0.426	0.436	0.900	-0.628	-2.064	2.019	0.960	PC(17:0/20:4)	Phosphatidyl choline	PC Ester
AL	crp	id_272	-0.008	-0.081	0.047	0.726	0.040	-0.386	0.485	0.802	0.032	-0.397	0.458	0.850	-0.263	-1.731	2.003	0.928	PC(18:0/20:4)	Phosphatidyl choline	PC Ester
AL	crp	id_279	0.015	-0.036	0.099	0.606	0.016	-0.422	0.461	0.926	0.032	-0.392	0.481	0.844	0.488	-2.112	1.659	0.890	PC(18:1/18:2)	Phosphatidyl choline	PC Ester
AL	crp	id_283	-0.144	-0.307	-0.031	0.006	0.175	-0.256	0.600	0.444	0.032	-0.377	0.479	0.876	-4.540	-8.666	8.371	0.878	PC(18:1/20:3)	Phosphatidyl choline	PC Ester
AL	crp	id_284	-0.008	-0.093	0.073	0.792	0.040	-0.395	0.487	0.846	0.032	-0.396	0.456	0.882	-0.259	-2.055	2.101	0.962	PC(18:1/20:4)	Phosphatidyl choline	PC Ester
AL	crp	id_289	-0.104	-0.246	-0.003	0.046	0.136	-0.291	0.550	0.528	0.032	-0.393	0.452	0.866	-3.298	-5.373	8.481	0.888	PC(18:2/16:1)	Phosphatidyl choline	PC Ester
AL	crp	id_354	-0.002	-0.051	0.030	0.858	0.034	-0.388	0.455	0.864	0.032	-0.385	0.461	0.904	-0.076	-0.719	1.222	0.950	PE(18:1/22:0)	Phosphatidyl ethanolamine	PE Ester
AL	crp	id_386	-0.012	-0.094	0.040	0.682	0.044	-0.415	0.472	0.830	0.032	-0.412	0.461	0.878	-0.381	-2.006	1.658	0.884	PE(P-16:0/18:1)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	crp	id_398	-0.006	-0.070	0.043	0.824	0.038	-0.378	0.471	0.862	0.032	-0.385	0.470	0.896	-0.201	-1.766	1.662	0.980	PE(P-18:0/16:0)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	crp	id_405	-0.013	-0.089	0.048	0.650	0.044	-0.352	0.475	0.822	0.032	-0.362	0.468	0.882	-0.397	-1.598	2.204	0.972	PE(P-18:0/20:3)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	crp	id_414	-0.014	-0.091	0.036	0.684	0.046	-0.382	0.464	0.818	0.032	-0.407	0.450	0.856	-0.457	-1.582	1.401	0.972	PE(P-18:1/18:1)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	crp	id_448	-0.032	-0.160	0.085	0.554	0.063	-0.353	0.462	0.776	0.032	-0.399	0.441	0.888	-1.008	-2.989	4.482	0.930	SM(14:0)	Sphingolipids	Sphingomyelin
AL	crp	id_449	-0.021	-0.116	0.046	0.572	0.052	-0.346	0.505	0.802	0.032	-0.353	0.489	0.868	-0.655	-2.646	1.717	0.992	SM(16:0)	Sphingolipids	Sphingomyelin
AL	crp	id_450	-0.021	-0.169	0.102	0.726	0.052	-0.355	0.490	0.760	0.032	-0.372	0.470	0.870	-0.655	-4.883	4.792	0.900	SM(18:0)	Sphingolipids	Sphingomyelin

AL	crp	id_451	-0.032	-0.150	0.051	0.502	0.063	-0.369	0.488	0.764	0.032	-0.392	0.459	0.860	-1.003	-3.527	3.278	0.962	SM(18:1)	Sphingolipid s	Sphingomyelin
AL	crp	id_452	-0.051	-0.197	0.090	0.458	0.083	-0.332	0.488	0.718	0.032	-0.402	0.432	0.870	-1.623	-5.226	5.262	0.932	SM(20:0)	Sphingolipid s	Sphingomyelin
AL	crp	id_453	-0.039	-0.201	0.071	0.562	0.071	-0.363	0.501	0.696	0.032	-0.413	0.460	0.826	-1.230	-4.344	4.698	0.960	SM(20:1)	Sphingolipid s	Sphingomyelin
AL	crp	id_454	-0.043	-0.169	0.054	0.370	0.075	-0.328	0.472	0.746	0.032	-0.385	0.444	0.886	-1.366	-4.082	2.627	0.976	SM(22:0)	Sphingolipid s	Sphingomyelin
AL	crp	id_455	-0.060	-0.212	0.053	0.292	0.091	-0.354	0.497	0.630	0.032	-0.428	0.461	0.868	-1.886	-5.252	6.318	0.984	SM(22:1)	Sphingolipid s	Sphingomyelin
AL	crp	id_456	-0.041	-0.179	0.071	0.448	0.072	-0.326	0.487	0.732	0.032	-0.377	0.460	0.896	-1.286	-6.346	5.036	0.916	SM(24:0)	Sphingolipid s	Sphingomyelin
AL	crp	id_457	-0.018	-0.155	0.128	0.784	0.050	-0.366	0.453	0.774	0.032	-0.402	0.482	0.860	-0.573	-2.661	4.492	0.800	SM(24:1)	Sphingolipid s	Sphingomyelin
AL	crp	id_458	-0.030	-0.135	0.056	0.464	0.062	-0.330	0.478	0.748	0.032	-0.381	0.443	0.866	-0.960	-2.361	2.638	0.994	SM(26:0)	Sphingolipid s	Sphingomyelin
AL	crp	id_459	0.003	-0.108	0.107	0.982	0.029	-0.382	0.458	0.874	0.032	-0.392	0.471	0.872	0.088	-2.402	2.249	0.782	SM(26:1)	Sphingolipid s	Sphingomyelin
AL	crp	id_660	-0.019	-0.141	0.086	0.728	0.051	-0.385	0.480	0.836	0.032	-0.414	0.480	0.890	-0.599	-3.297	3.260	0.906	TAG51:3-FA16:0	Triacylglycerol	
AL	crp	id_663	-0.018	-0.119	0.032	0.520	0.050	-0.375	0.442	0.798	0.032	-0.386	0.428	0.888	-0.585	-2.231	1.794	0.984	TAG51:3-FA18:1	Triacylglycerol	TAG Ester
AL	crp	id_667	-0.002	-0.097	0.084	0.980	0.033	-0.381	0.445	0.850	0.032	-0.394	0.456	0.856	-0.058	-2.051	1.660	0.916	TAG51:4-FA16:0	Triacylglycerol	TAG Ester
AL	crp	id_755	0.041	-0.009	0.144	0.186	-0.009	-0.425	0.447	0.956	0.032	-0.371	0.487	0.840	1.283	-2.661	2.175	0.850	TAG53:3-FA18:0	Triacylglycerol	TAG Ester
AL	crp	id_760	0.002	-0.049	0.057	0.888	0.029	-0.411	0.484	0.872	0.032	-0.410	0.477	0.858	0.067	-1.019	0.965	0.970	TAG53:4-FA18:0	Triacylglycerol	TAG Ester
AL	crp	id_761	-0.017	-0.109	0.030	0.512	0.049	-0.377	0.465	0.806	0.032	-0.398	0.439	0.878	-0.549	-2.304	1.412	0.990	TAG53:4-FA18:1	Triacylglycerol	TAG Ester
AL	crp	id_765	0.003	-0.035	0.054	0.906	0.028	-0.405	0.458	0.934	0.032	-0.406	0.458	0.926	0.107	-1.159	0.812	1.000	TAG53:5-FA18:1	Triacylglycerol	TAG Ester
AL	crp	id_766	-0.002	-0.041	0.034	0.972	0.034	-0.365	0.482	0.878	0.032	-0.372	0.475	0.882	-0.076	-0.669	0.849	0.978	TAG53:5-FA18:2	Triacylglycerol	TAG Ester
AL	crp	id_769	0.002	-0.057	0.068	0.952	0.030	-0.423	0.456	0.880	0.032	-0.392	0.447	0.866	0.066	-1.590	1.506	0.918	TAG53:6-FA18:1	Triacylglycerol	TAG Ester
AL	crp	id_770	0.004	-0.034	0.058	0.818	0.028	-0.378	0.453	0.908	0.032	-0.376	0.458	0.898	0.123	-1.070	1.075	0.936	TAG53:6-FA18:2	Triacylglycerol	TAG Ester
AL	crp	id_771	0.000	-0.036	0.035	0.968	0.032	-0.391	0.463	0.884	0.032	-0.387	0.466	0.884	-0.003	-0.789	0.877	0.984	TAG53:6-FA18:3	Triacylglycerol	TAG Ester

AL	crp	id_773	0.001	-0.028	0.045	0.846	0.030	-0.367	0.441	0.852	0.032	-0.384	0.439	0.854	0.037	-0.965	0.616	0.908	TAG53:7- Triacylglycer FA18:3 ol TAG Ester		
AL	crp	id_856	0.000	-0.074	0.057	0.952	0.031	-0.399	0.426	0.866	0.032	-0.392	0.427	0.884	0.004	-1.074	1.769	0.888	TAG55:6- Triacylglycer FA18:1 ol TAG Ester		
AL	crp	id_857	0.012	-0.039	0.083	0.706	0.019	-0.392	0.434	0.914	0.032	-0.376	0.448	0.902	0.390	-2.154	1.576	0.976	TAG55:6- Triacylglycer FA20:3 ol TAG Ester		
AL	crp	id_860	-0.001	-0.078	0.031	0.834	0.032	-0.372	0.444	0.814	0.032	-0.371	0.439	0.854	-0.019	-1.170	1.352	0.960	TAG55:7- Triacylglycer FA18:1 ol TAG Ester		
AL	crp	id_861	0.008	-0.029	0.077	0.700	0.024	-0.383	0.444	0.914	0.032	-0.381	0.454	0.874	0.254	-1.240	1.533	0.910	TAG55:7- Triacylglycer FA20:3 ol TAG Ester		
AL	crp	id_862	-0.005	-0.058	0.042	0.816	0.037	-0.401	0.457	0.914	0.032	-0.395	0.464	0.936	-0.172	-0.906	1.874	0.952	TAG55:8- Triacylglycer FA20:4 ol TAG Ester		
AL	crp	id_864	0.002	-0.036	0.050	0.906	0.030	-0.380	0.420	0.864	0.032	-0.363	0.420	0.868	0.059	-1.349	1.045	0.986	TAG55:9- Triacylglycer FA20:4 ol TAG Ester		
AL	crp	id_939	0.007	-0.039	0.070	0.780	0.024	-0.442	0.429	0.926	0.032	-0.426	0.450	0.874	0.230	-0.848	1.418	0.890	FA22:6 ol TAG Ester		
AL	crp	id_978	-0.042	-0.158	0.039	0.340	0.073	-0.361	0.515	0.764	0.032	-0.401	0.479	0.916	-1.320	-3.047	3.248	0.992	Neutral Complex Cholesteryl Total CE Lipids SUM Esters		
AL	crp	id_979	-0.014	-0.084	0.036	0.668	0.046	-0.368	0.464	0.822	0.032	-0.389	0.459	0.876	-0.443	-1.740	1.802	0.972	Total Sphingolipid CER SUM Ceramides		
AL	crp	id_981	-0.021	-0.102	0.048	0.568	0.052	-0.350	0.470	0.734	0.032	-0.373	0.442	0.826	-0.654	-2.547	1.963	0.998	Total Sphingolipid DCER SUM Dihydrocera mides		
AL	crp	id_982	-0.009	-0.070	0.041	0.698	0.041	-0.388	0.458	0.796	0.032	-0.398	0.454	0.832	-0.284	-1.122	1.591	0.962	Total Sphingolipid HCER SUM Hexosylcera mides		
AL	crp	id_983	0.004	-0.072	0.081	0.906	0.028	-0.429	0.471	0.872	0.032	-0.415	0.479	0.862	0.129	-1.430	1.305	0.940	Total Sphingolipid LCER SUM Lactosylcera mides		
AL	crp	id_987	-0.055	-0.230	0.090	0.450	0.087	-0.298	0.483	0.650	0.032	-0.371	0.445	0.890	-1.753	-7.124	4.408	0.912	Phospholipid Total PC SUM Phosphatidyl cholines		
AL	crp	id_990	-0.046	-0.177	0.075	0.468	0.078	-0.380	0.499	0.722	0.032	-0.405	0.467	0.866	-1.461	-3.749	3.659	0.950	Sphingolipid Total SM SUM Sphingomyel ins		
AL	crp	id_039	-0.031	-0.114	0.019	0.270	0.063	-0.374	0.517	0.798	0.032	-0.419	0.474	0.908	-0.996	-2.181	2.195	0.986	Cholesterol CE(22:1) Ester CE Ester		
AL	crp	id_060	0.000	-0.072	0.027	0.838	0.032	-0.379	0.478	0.842	0.032	-0.377	0.471	0.878	-0.008	-0.851	1.581	0.936	DAG(12: Diacylglycer 0/18:1) ol DAG Ester		
AL	crp	id_071	-0.006	-0.063	0.045	0.840	0.037	-0.389	0.482	0.872	0.032	-0.392	0.479	0.890	-0.174	-1.371	0.926	0.982	DAG(14: Diacylglycer 1/16:0) ol DAG Ester		
AL	crp	id_072	0.001	-0.034	0.037	0.988	0.031	-0.409	0.469	0.892	0.032	-0.388	0.467	0.890	0.025	-0.933	0.621	0.882	DAG(14: Diacylglycer 1/18:1) ol DAG Ester		
AL	crp	id_150	0.007	-0.039	0.072	0.770	0.024	-0.391	0.454	0.954	0.032	-0.390	0.463	0.908	0.235	-1.866	1.358	0.954	LCER(24: Sphingolipid 1) s Lactosylcera mide		

AL	crp	id_151	0.019	-0.031	0.092	0.508	0.013	-0.433	0.444	0.968	0.032	-0.412	0.447	0.908	0.591	-1.432	1.692	0.928	LCER(26:0) Sphingolipids	Lactosylceramide
AL	crp	id_160	0.015	-0.139	0.170	0.860	0.016	-0.388	0.439	0.944	0.032	-0.388	0.480	0.918	0.480	-3.307	3.791	0.782	LPC(18:2) Lysophosphatidylcholine	LPC Ester
AL	crp	id_196	-0.036	-0.127	0.054	0.436	0.068	-0.324	0.486	0.776	0.032	-0.382	0.466	0.898	-1.151	-3.143	2.392	0.998	MAG	Ester
AL	crp	id_199	-0.025	-0.103	0.031	0.398	0.057	-0.379	0.472	0.760	0.032	-0.390	0.447	0.852	-0.801	-1.969	1.965	0.954	MAG	Ester
AL	crp	id_200	-0.016	-0.105	0.029	0.564	0.047	-0.383	0.505	0.896	0.032	-0.393	0.482	0.952	-0.502	-1.389	1.269	0.960	MAG	Ester
AL	crp	id_201	0.000	-0.039	0.055	0.884	0.031	-0.442	0.444	0.864	0.032	-0.433	0.440	0.858	0.006	-0.971	0.818	0.978	MAG	Ester
AL	crp	id_251	0.002	-0.061	0.066	0.930	0.030	-0.420	0.491	0.840	0.032	-0.401	0.489	0.836	0.051	-1.477	1.319	0.950	PC(16:0/22:6) Phosphatidylcholine	PC Ester
AL	crp	id_288	-0.014	-0.111	0.060	0.702	0.046	-0.375	0.490	0.796	0.032	-0.401	0.467	0.856	-0.447	-2.503	2.641	0.990	PC(18:1/22:6) Phosphatidylcholine	PC Ester
AL	crp	id_293	-0.002	-0.050	0.030	0.844	0.034	-0.395	0.473	0.850	0.032	-0.405	0.470	0.856	-0.073	-0.927	0.744	0.988	PC(18:2/20:2) Phosphatidylcholine	PC Ester
AL	crp	id_298	0.013	-0.039	0.082	0.590	0.018	-0.408	0.475	0.940	0.032	-0.395	0.486	0.900	0.416	-1.500	1.409	0.906	PC(18:2/22:5) Phosphatidylcholine	PC Ester
AL	crp	id_332	0.007	-0.071	0.080	0.822	0.024	-0.390	0.440	0.926	0.032	-0.390	0.453	0.896	0.226	-1.875	1.850	0.846	PE(18:0/18:0) Phosphatidylethanolamine	PE Ester
AL	crp	id_359	-0.016	-0.094	0.031	0.606	0.048	-0.378	0.445	0.824	0.032	-0.403	0.432	0.904	-0.504	-1.462	1.837	0.958	PE(18:2/16:1) Phosphatidylethanolamine	PE Ester
AL	crp	id_366	0.007	-0.058	0.052	0.902	0.024	-0.377	0.449	0.856	0.032	-0.374	0.437	0.856	0.232	-1.065	1.313	0.986	PE(O-16:0/18:2) Phosphatidylethanolamine	PE Ether
AL	crp	id_368	0.003	-0.065	0.051	0.944	0.029	-0.386	0.468	0.956	0.032	-0.403	0.459	0.946	0.092	-1.014	1.494	0.978	PE(O-16:0/20:4) Phosphatidylethanolamine	PE Ether
AL	crp	id_372	-0.001	-0.040	0.047	0.974	0.033	-0.421	0.456	0.852	0.032	-0.397	0.444	0.854	-0.040	-1.042	0.792	0.960	PE(O-16:0/22:6) Phosphatidylethanolamine	PE Ether
AL	crp	id_378	0.002	-0.052	0.043	0.936	0.030	-0.371	0.457	0.828	0.032	-0.366	0.454	0.840	0.060	-0.881	1.244	0.984	PE(O-18:0/20:4) Phosphatidylethanolamine	PE Ether
AL	crp	id_381	0.011	-0.033	0.076	0.666	0.021	-0.407	0.436	0.902	0.032	-0.380	0.449	0.848	0.333	-1.044	1.749	0.938	PE(O-18:0/22:5) Phosphatidylethanolamine	PE Ether

AL	crp	id_382	0.000	-0.039	0.045	0.976	0.032	-0.397	0.454	0.900	0.032	-0.388	0.451	0.890	-0.005	-1.000	0.743	0.986	PE(O-18:0/22:6)	Phosphatidyl ethanolamine	PE Ether
AL	crp	id_387	0.000	-0.084	0.076	0.952	0.031	-0.426	0.461	0.868	0.032	-0.405	0.430	0.884	0.013	-1.219	1.258	0.908	PE(P-16:0/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	crp	id_392	0.001	-0.069	0.047	0.830	0.030	-0.403	0.476	0.858	0.032	-0.401	0.464	0.884	0.040	-1.362	1.510	0.906	PE(P-16:0/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	crp	id_395	-0.008	-0.072	0.048	0.816	0.039	-0.377	0.428	0.900	0.032	-0.377	0.414	0.924	-0.248	-1.514	1.163	0.964	PE(P-16:0/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	crp	id_396	0.003	-0.062	0.072	0.902	0.028	-0.405	0.447	0.918	0.032	-0.401	0.460	0.898	0.105	-1.624	2.013	0.896	PE(P-16:0/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	crp	id_401	-0.004	-0.060	0.047	0.846	0.035	-0.405	0.461	0.846	0.032	-0.399	0.451	0.870	-0.122	-1.273	1.012	0.932	PE(P-18:0/18:1)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	crp	id_402	0.013	-0.038	0.087	0.650	0.019	-0.426	0.457	0.930	0.032	-0.405	0.451	0.888	0.413	-1.491	1.499	0.998	PE(P-18:0/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	crp	id_406	0.003	-0.056	0.052	0.980	0.028	-0.408	0.466	0.912	0.032	-0.393	0.456	0.908	0.105	-1.045	0.865	0.908	PE(P-18:0/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	crp	id_409	0.004	-0.046	0.057	0.878	0.028	-0.383	0.468	0.864	0.032	-0.373	0.459	0.846	0.117	-1.103	0.804	0.944	PE(P-18:0/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	crp	id_410	0.000	-0.038	0.048	0.934	0.031	-0.410	0.427	0.940	0.032	-0.405	0.429	0.938	0.006	-0.831	0.906	0.936	PE(P-18:0/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	crp	id_411	-0.022	-0.113	0.070	0.660	0.053	-0.371	0.460	0.798	0.032	-0.397	0.467	0.876	-0.683	-2.390	2.111	0.876	PE(P-18:1/16:0)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	crp	id_415	0.003	-0.063	0.089	0.894	0.028	-0.435	0.469	0.904	0.032	-0.399	0.460	0.886	0.101	-2.253	1.597	0.996	PE(P-18:1/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	crp	id_419	-0.003	-0.078	0.062	0.850	0.035	-0.388	0.473	0.856	0.032	-0.391	0.451	0.884	-0.093	-1.750	1.993	0.886	PE(P-18:1/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen

AL	crp	id_421	-0.010	-0.062	0.059	0.730	0.042	-0.406	0.451	0.888	0.032	-0.388	0.445	0.904	-0.329	-1.856	1.910	0.902	PE(P-18:1/22:4)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	crp	id_422	-0.005	-0.052	0.042	0.822	0.037	-0.398	0.477	0.802	0.032	-0.385	0.470	0.810	-0.159	-0.738	1.004	0.880	PE(P-18:1/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	crp	id_423	-0.002	-0.043	0.051	0.998	0.034	-0.398	0.473	0.884	0.032	-0.385	0.467	0.894	-0.060	-1.016	0.982	0.984	PE(P-18:1/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	crp	id_424	-0.022	-0.108	0.039	0.462	0.054	-0.403	0.490	0.804	0.032	-0.406	0.451	0.872	-0.698	-1.955	1.589	0.922	PE(P-18:2/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	crp	id_425	-0.006	-0.069	0.057	0.830	0.038	-0.374	0.461	0.828	0.032	-0.371	0.454	0.848	-0.188	-1.447	1.056	0.930	PE(P-18:2/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	tnfa	id_023	-0.010	-0.033	0.005	0.276	-0.098	-0.244	0.024	0.132	-0.108	-0.248	0.019	0.090	0.092	-0.180	0.834	0.318	Cholesterol CE(15:0)	Ester	CE Ester
AL	tnfa	id_024	-0.004	-0.023	0.009	0.648	-0.104	-0.249	0.031	0.154	-0.108	-0.254	0.027	0.132	0.034	-0.345	0.447	0.696	Cholesterol CE(16:0)	Ester	CE Ester
AL	tnfa	id_026	-0.006	-0.028	0.010	0.432	-0.102	-0.241	0.034	0.160	-0.108	-0.250	0.028	0.134	0.057	-0.346	0.720	0.486	Cholesterol CE(17:0)	Ester	CE Ester
AL	tnfa	id_027	-0.006	-0.031	0.009	0.484	-0.102	-0.244	0.039	0.154	-0.108	-0.248	0.028	0.116	0.054	-0.269	0.739	0.552	Cholesterol CE(18:0)	Ester	CE Ester
AL	tnfa	id_028	-0.008	-0.037	0.010	0.416	-0.100	-0.245	0.033	0.148	-0.108	-0.253	0.024	0.120	0.077	-0.450	0.668	0.468	Cholesterol CE(18:1)	Ester	CE Ester
AL	tnfa	id_029	-0.007	-0.038	0.009	0.420	-0.101	-0.238	0.034	0.140	-0.108	-0.242	0.035	0.120	0.069	-0.264	0.697	0.464	Cholesterol CE(18:2)	Ester	CE Ester
AL	tnfa	id_033	-0.007	-0.031	0.006	0.316	-0.101	-0.242	0.036	0.174	-0.108	-0.249	0.029	0.120	0.063	-0.335	1.214	0.392	Cholesterol CE(20:1)	Ester	CE Ester
AL	tnfa	id_034	-0.019	-0.052	0.004	0.122	-0.089	-0.238	0.041	0.200	-0.108	-0.254	0.021	0.122	0.174	-1.001	1.530	0.212	Cholesterol CE(20:2)	Ester	CE Ester
AL	tnfa	id_035	-0.008	-0.034	0.009	0.390	-0.100	-0.239	0.042	0.170	-0.108	-0.244	0.038	0.124	0.076	-0.368	0.891	0.466	Cholesterol CE(20:3)	Ester	CE Ester
AL	tnfa	id_036	0.002	-0.013	0.020	0.748	-0.110	-0.255	0.033	0.146	-0.108	-0.253	0.033	0.144	-0.015	-0.425	0.415	0.776	Cholesterol CE(20:4)	Ester	CE Ester
AL	tnfa	id_041	-0.002	-0.019	0.013	0.844	-0.106	-0.238	0.045	0.162	-0.108	-0.236	0.043	0.144	0.021	-0.349	0.469	0.872	Cholesterol CE(22:4)	Ester	CE Ester
AL	tnfa	id_042	0.000	-0.013	0.012	0.986	-0.108	-0.251	0.034	0.150	-0.108	-0.249	0.030	0.146	0.004	-0.287	0.323	0.964	Cholesterol CE(22:5)	Ester	CE Ester
AL	tnfa	id_043	0.000	-0.011	0.014	0.948	-0.108	-0.252	0.032	0.144	-0.108	-0.251	0.033	0.144	-0.003	-0.280	0.302	0.964	Cholesterol CE(22:6)	Ester	CE Ester

AL	tnfa	id_044	0.003	-0.012	0.015	0.716	-0.111	-0.245	0.027	0.106	-0.108	-0.238	0.031	0.110	-0.030	-0.323	0.317	0.730	CE(24:0)	Cholesterol Ester	CE Ester
AL	tnfa	id_045	-0.007	-0.034	0.007	0.392	-0.101	-0.237	0.035	0.144	-0.108	-0.241	0.022	0.110	0.061	-0.430	0.733	0.462	CE(24:1)	Cholesterol Ester	CE Ester
AL	tnfa	id_046	-0.007	-0.032	0.007	0.438	-0.101	-0.242	0.043	0.172	-0.108	-0.247	0.042	0.148	0.067	-0.552	0.695	0.506	CER(14:0)	Sphingolipids	Ceramide
AL	tnfa	id_047	-0.005	-0.027	0.007	0.520	-0.103	-0.247	0.033	0.156	-0.108	-0.251	0.026	0.132	0.044	-0.399	0.526	0.568	CER(16:0)	Sphingolipids	Ceramide
AL	tnfa	id_048	-0.002	-0.023	0.011	0.824	-0.106	-0.243	0.032	0.142	-0.108	-0.245	0.029	0.124	0.015	-0.288	0.405	0.852	CER(18:0)	Sphingolipids	Ceramide
AL	tnfa	id_049	-0.014	-0.047	0.007	0.216	-0.094	-0.237	0.050	0.178	-0.108	-0.251	0.031	0.120	0.134	-0.516	1.352	0.320	CER(18:1)	Sphingolipids	Ceramide
AL	tnfa	id_050	-0.001	-0.018	0.012	0.796	-0.107	-0.235	0.034	0.142	-0.108	-0.235	0.033	0.130	0.012	-0.346	0.370	0.826	CER(20:0)	Sphingolipids	Ceramide
AL	tnfa	id_051	-0.016	-0.058	0.008	0.228	-0.092	-0.228	0.054	0.218	-0.108	-0.248	0.038	0.126	0.145	-0.601	1.538	0.314	CER(20:1)	Sphingolipids	Ceramide
AL	tnfa	id_052	-0.002	-0.021	0.009	0.694	-0.106	-0.251	0.031	0.132	-0.108	-0.252	0.028	0.108	0.018	-0.186	0.362	0.722	CER(22:0)	Sphingolipids	Ceramide
AL	tnfa	id_053	-0.013	-0.043	0.004	0.226	-0.095	-0.222	0.038	0.178	-0.108	-0.236	0.025	0.112	0.118	-0.390	1.197	0.294	CER(22:1)	Sphingolipids	Ceramide
AL	tnfa	id_054	-0.006	-0.041	0.008	0.434	-0.102	-0.240	0.037	0.154	-0.108	-0.251	0.032	0.136	0.059	-0.584	0.675	0.494	CER(24:0)	Sphingolipids	Ceramide
AL	tnfa	id_055	-0.001	-0.035	0.027	0.936	-0.107	-0.245	0.038	0.130	-0.108	-0.255	0.036	0.120	0.012	-0.609	0.578	0.908	CER(24:1)	Sphingolipids	Ceramide
AL	tnfa	id_057	-0.006	-0.042	0.026	0.710	-0.102	-0.243	0.037	0.140	-0.108	-0.249	0.030	0.136	0.055	-0.653	1.189	0.706	CER(26:1)	Sphingolipids	Ceramide
AL	tnfa	id_116	0.000	-0.016	0.015	0.860	-0.108	-0.232	0.039	0.146	-0.108	-0.233	0.032	0.138	-0.003	-0.396	0.548	0.886	DCER(14:0)	Sphingolipids	Dihydroceramide
AL	tnfa	id_117	-0.001	-0.016	0.012	0.924	-0.107	-0.248	0.028	0.144	-0.108	-0.245	0.031	0.134	0.008	-0.286	0.346	0.926	DCER(16:0)	Sphingolipids	Dihydroceramide
AL	tnfa	id_118	0.000	-0.019	0.014	0.978	-0.108	-0.241	0.027	0.126	-0.108	-0.241	0.024	0.106	0.001	-0.387	0.387	0.980	DCER(18:0)	Sphingolipids	Dihydroceramide
AL	tnfa	id_119	0.006	-0.023	0.041	0.684	-0.114	-0.259	0.026	0.092	-0.108	-0.258	0.029	0.120	-0.055	-1.262	0.790	0.772	DCER(18:1)	Sphingolipids	Dihydroceramide
AL	tnfa	id_120	-0.005	-0.036	0.015	0.668	-0.103	-0.241	0.039	0.158	-0.108	-0.245	0.035	0.132	0.046	-0.457	1.043	0.680	DCER(20:0)	Sphingolipids	Dihydroceramide
AL	tnfa	id_121	-0.002	-0.035	0.037	0.942	-0.106	-0.249	0.025	0.108	-0.108	-0.254	0.028	0.130	0.015	-1.112	0.929	0.908	DCER(20:1)	Sphingolipids	Dihydroceramide
AL	tnfa	id_122	-0.006	-0.027	0.007	0.504	-0.102	-0.245	0.030	0.136	-0.108	-0.251	0.026	0.112	0.052	-0.213	0.677	0.556	DCER(22:0)	Sphingolipids	Dihydroceramide

AL	tnfa	id_123	0.005	-0.036	0.041	0.794	-0.113	-0.251	0.025	0.124	-0.108	-0.250	0.029	0.166	-0.045	-1.207	1.477	0.888	DCER(22 :1)	Sphingolipids	Dihydroceramide
AL	tnfa	id_124	-0.005	-0.040	0.029	0.796	-0.103	-0.238	0.031	0.132	-0.108	-0.247	0.029	0.112	0.044	-0.647	0.969	0.780	DCER(22 :2)	Sphingolipids	Dihydroceramide
AL	tnfa	id_125	-0.006	-0.033	0.011	0.548	-0.102	-0.239	0.040	0.154	-0.108	-0.241	0.029	0.130	0.054	-0.352	0.726	0.570	DCER(24 :0)	Sphingolipids	Dihydroceramide
AL	tnfa	id_126	-0.007	-0.050	0.035	0.746	-0.101	-0.234	0.028	0.140	-0.108	-0.252	0.030	0.132	0.065	-0.857	1.161	0.722	DCER(24 :1)	Sphingolipids	Dihydroceramide
AL	tnfa	id_128	0.000	-0.030	0.034	0.978	-0.108	-0.245	0.016	0.090	-0.108	-0.247	0.020	0.112	-0.003	-0.750	0.795	0.950	DCER(26 :1)	Sphingolipids	Dihydroceramide
AL	tnfa	id_129	0.001	-0.019	0.021	0.922	-0.109	-0.243	0.029	0.126	-0.108	-0.245	0.030	0.130	-0.006	-0.325	0.426	0.952	HCER(14 :0)	Sphingolipids	Hexosylceramide
AL	tnfa	id_130	-0.001	-0.026	0.031	0.926	-0.107	-0.238	0.029	0.142	-0.108	-0.240	0.030	0.146	0.012	-0.621	0.840	0.892	HCER(16 :0)	Sphingolipids	Hexosylceramide
AL	tnfa	id_131	-0.004	-0.028	0.008	0.622	-0.104	-0.243	0.042	0.156	-0.108	-0.248	0.030	0.140	0.037	-0.400	0.502	0.686	HCER(18 :0)	Sphingolipids	Hexosylceramide
AL	tnfa	id_132	-0.005	-0.033	0.010	0.546	-0.103	-0.256	0.036	0.162	-0.108	-0.260	0.023	0.132	0.050	-0.442	0.832	0.642	HCER(18 :1)	Sphingolipids	Hexosylceramide
AL	tnfa	id_133	-0.002	-0.024	0.019	0.886	-0.106	-0.240	0.030	0.118	-0.108	-0.246	0.030	0.110	0.017	-0.450	0.507	0.884	HCER(20 :0)	Sphingolipids	Hexosylceramide
AL	tnfa	id_134	-0.005	-0.033	0.008	0.564	-0.103	-0.237	0.032	0.172	-0.108	-0.246	0.029	0.138	0.044	-0.384	0.727	0.614	HCER(20 :1)	Sphingolipids	Hexosylceramide
AL	tnfa	id_135	-0.008	-0.037	0.014	0.484	-0.100	-0.244	0.029	0.160	-0.108	-0.260	0.025	0.116	0.077	-0.636	0.903	0.540	HCER(22 :0)	Sphingolipids	Hexosylceramide
AL	tnfa	id_136	-0.013	-0.055	0.022	0.440	-0.095	-0.243	0.048	0.160	-0.108	-0.261	0.030	0.134	0.116	-0.726	1.015	0.458	HCER(22 :1)	Sphingolipids	Hexosylceramide
AL	tnfa	id_137	-0.007	-0.037	0.023	0.592	-0.101	-0.242	0.032	0.132	-0.108	-0.244	0.026	0.116	0.063	-0.509	0.795	0.624	HCER(24 :0)	Sphingolipids	Hexosylceramide
AL	tnfa	id_138	-0.002	-0.027	0.030	0.940	-0.106	-0.247	0.026	0.120	-0.108	-0.250	0.030	0.120	0.015	-0.820	0.946	0.924	HCER(24 :1)	Sphingolipids	Hexosylceramide
AL	tnfa	id_139	0.001	-0.020	0.025	0.912	-0.110	-0.255	0.026	0.120	-0.108	-0.251	0.031	0.122	-0.013	-0.631	0.473	0.942	HCER(26 :0)	Sphingolipids	Hexosylceramide
AL	tnfa	id_141	-0.002	-0.016	0.013	0.896	-0.106	-0.240	0.036	0.148	-0.108	-0.243	0.034	0.138	0.020	-0.318	0.437	0.902	LCER(14: 0)	Sphingolipids	Lactosylceramide
AL	tnfa	id_142	0.001	-0.013	0.018	0.906	-0.109	-0.253	0.033	0.134	-0.108	-0.255	0.029	0.124	-0.007	-0.349	0.280	0.922	LCER(16: 0)	Sphingolipids	Lactosylceramide
AL	tnfa	id_144	0.004	-0.027	0.036	0.818	-0.112	-0.244	0.025	0.108	-0.108	-0.238	0.028	0.118	-0.033	-1.087	0.678	0.844	LCER(18: 1)	Sphingolipids	Lactosylceramide
AL	tnfa	id_145	0.000	-0.018	0.014	0.872	-0.108	-0.246	0.033	0.126	-0.108	-0.245	0.032	0.116	0.001	-0.348	0.336	0.892	LCER(20: 0)	Sphingolipids	Lactosylceramide

AL	tnfa	id_146	0.000	-0.012	0.017	0.952	-0.108	-0.247	0.031	0.132	-0.108	-0.245	0.030	0.122	-0.001	-0.352	0.264	0.954	LCER(20:1) Sphingolipids	Lactosylceramide
AL	tnfa	id_147	0.000	-0.017	0.013	0.914	-0.108	-0.248	0.032	0.136	-0.108	-0.247	0.031	0.130	-0.004	-0.211	0.359	0.912	LCER(22:0) Sphingolipids	Lactosylceramide
AL	tnfa	id_148	-0.002	-0.023	0.010	0.712	-0.106	-0.259	0.034	0.140	-0.108	-0.260	0.034	0.124	0.020	-0.237	0.453	0.736	LCER(22:1) Sphingolipids	Lactosylceramide
AL	tnfa	id_149	0.000	-0.019	0.020	0.906	-0.108	-0.244	0.020	0.086	-0.108	-0.248	0.025	0.100	-0.004	-0.422	0.418	0.942	LCER(24:0) Sphingolipids	Lactosylceramide
AL	tnfa	id_152	0.001	-0.013	0.021	0.890	-0.109	-0.250	0.033	0.120	-0.108	-0.251	0.028	0.124	-0.009	-0.394	0.224	0.890	LCER(26:1) Sphingolipids	Lactosylceramide
AL	tnfa	id_154	-0.014	-0.048	0.007	0.298	-0.094	-0.236	0.036	0.166	-0.108	-0.248	0.028	0.104	0.131	-0.531	1.283	0.374	LPC(15:0) Lysophosphatidylcholine	LPC Ester
AL	tnfa	id_157	-0.001	-0.020	0.021	0.880	-0.107	-0.248	0.029	0.148	-0.108	-0.247	0.031	0.146	0.012	-0.447	0.560	0.866	LPC(17:0) Lysophosphatidylcholine	LPC Ester
AL	tnfa	id_170	0.000	-0.012	0.012	0.950	-0.108	-0.242	0.030	0.112	-0.108	-0.239	0.032	0.116	0.000	-0.225	0.315	0.966	LPC(22:6) Lysophosphatidylcholine	LPC Ester
AL	tnfa	id_181	-0.001	-0.015	0.011	0.896	-0.107	-0.248	0.035	0.156	-0.108	-0.250	0.032	0.146	0.008	-0.383	0.335	0.950	LPE(20:4) Lysophosphatidylethanolamine	LPE Ester
AL	tnfa	id_186	-0.001	-0.024	0.019	0.874	-0.107	-0.239	0.025	0.114	-0.108	-0.240	0.025	0.108	0.009	-0.378	0.503	0.862	0) MAG	Ester
AL	tnfa	id_188	0.002	-0.009	0.027	0.684	-0.110	-0.256	0.030	0.120	-0.108	-0.250	0.033	0.140	-0.018	-0.460	0.392	0.748	1) MAG	Ester
AL	tnfa	id_189	0.000	-0.011	0.014	0.942	-0.108	-0.252	0.032	0.142	-0.108	-0.251	0.032	0.140	0.000	-0.207	0.371	0.934	0) MAG	Ester
AL	tnfa	id_195	-0.012	-0.051	0.026	0.530	-0.096	-0.233	0.025	0.124	-0.108	-0.249	0.011	0.088	0.110	-1.142	1.074	0.554	2) MAG	Ester
AL	tnfa	id_203	-0.003	-0.025	0.017	0.702	-0.105	-0.241	0.030	0.108	-0.108	-0.247	0.025	0.094	0.030	-0.355	0.647	0.720	5) MAG	Ester
AL	tnfa	id_204	0.004	-0.030	0.037	0.798	-0.112	-0.252	0.033	0.124	-0.108	-0.251	0.039	0.132	-0.035	-0.919	1.049	0.874	0) MAG	Ester
AL	tnfa	id_205	-0.003	-0.027	0.021	0.788	-0.105	-0.248	0.032	0.118	-0.108	-0.245	0.023	0.116	0.030	-0.560	0.848	0.788	1) MAG	Ester
AL	tnfa	id_208	0.001	-0.022	0.028	0.962	-0.109	-0.246	0.034	0.136	-0.108	-0.245	0.037	0.132	-0.010	-0.701	0.727	0.982	5) MAG	Ester
AL	tnfa	id_209	0.002	-0.025	0.036	0.916	-0.110	-0.244	0.021	0.116	-0.108	-0.246	0.024	0.112	-0.015	-1.291	0.751	0.956	6) MAG	Ester
AL	tnfa	id_228	-0.003	-0.034	0.030	0.838	-0.105	-0.251	0.030	0.120	-0.108	-0.256	0.022	0.116	0.029	-0.960	0.949	0.826	PC(15:0/18:2) Phosphatidylcholine	PC Ester
AL	tnfa	id_230	-0.004	-0.022	0.014	0.730	-0.105	-0.249	0.039	0.154	-0.108	-0.251	0.038	0.136	0.033	-0.374	0.611	0.786	PC(15:0/20:4) Phosphatidylcholine	PC Ester
AL	tnfa	id_241	-0.001	-0.032	0.030	0.952	-0.107	-0.243	0.032	0.126	-0.108	-0.246	0.032	0.122	0.007	-1.051	0.592	0.930	PC(16:0/18:2) Phosphatidylcholine	PC Ester

AL	tnfa	id_254	-0.008	-0.032	0.015	0.474	-0.100	-0.239	0.044	0.168	-0.108	-0.250	0.034	0.150	0.070	-0.589	0.708	0.528	PC(17:0/18:2)	Phosphatidyl choline	PC Ester
AL	tnfa	id_257	0.002	-0.010	0.020	0.832	-0.110	-0.245	0.029	0.128	-0.108	-0.242	0.028	0.126	-0.020	-0.346	0.288	0.846	PC(17:0/20:4)	Phosphatidyl choline	PC Ester
AL	tnfa	id_272	0.004	-0.014	0.034	0.632	-0.112	-0.247	0.031	0.128	-0.108	-0.238	0.041	0.128	-0.039	-0.697	0.446	0.664	PC(18:0/20:4)	Phosphatidyl choline	PC Ester
AL	tnfa	id_279	-0.006	-0.031	0.013	0.558	-0.102	-0.242	0.032	0.138	-0.108	-0.249	0.027	0.106	0.054	-0.248	0.719	0.612	PC(18:1/18:2)	Phosphatidyl choline	PC Ester
AL	tnfa	id_283	-0.032	-0.080	0.004	0.078	-0.076	-0.219	0.061	0.284	-0.108	-0.248	0.027	0.114	0.295	-1.667	2.522	0.192	PC(18:1/20:3)	Phosphatidyl choline	PC Ester
AL	tnfa	id_284	0.005	-0.017	0.031	0.686	-0.113	-0.269	0.027	0.118	-0.108	-0.256	0.032	0.114	-0.042	-0.470	0.460	0.692	PC(18:1/20:4)	Phosphatidyl choline	PC Ester
AL	tnfa	id_289	-0.023	-0.065	0.001	0.058	-0.086	-0.219	0.059	0.274	-0.108	-0.240	0.034	0.140	0.209	-1.361	2.211	0.194	PC(18:2/16:1)	Phosphatidyl choline	PC Ester
AL	tnfa	id_354	-0.002	-0.027	0.014	0.766	-0.106	-0.243	0.039	0.138	-0.108	-0.247	0.039	0.122	0.019	-0.350	0.679	0.792	PE(18:1/22:0)	Phosphatidyl ethanolamine	PE Ester
AL	tnfa	id_386	0.001	-0.018	0.016	0.966	-0.109	-0.246	0.037	0.126	-0.108	-0.251	0.035	0.128	-0.006	-0.314	0.316	0.990	PE(P-16:0/18:1)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	tnfa	id_398	-0.004	-0.023	0.014	0.718	-0.104	-0.253	0.041	0.172	-0.108	-0.255	0.042	0.162	0.033	-0.494	0.648	0.760	PE(P-18:0/16:0)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	tnfa	id_405	0.003	-0.011	0.027	0.670	-0.111	-0.252	0.023	0.126	-0.108	-0.249	0.026	0.136	-0.026	-0.446	0.330	0.706	PE(P-18:0/20:3)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	tnfa	id_414	-0.003	-0.028	0.013	0.784	-0.105	-0.244	0.032	0.132	-0.108	-0.243	0.030	0.110	0.024	-0.364	0.664	0.794	PE(P-18:1/18:1)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	tnfa	id_448	-0.005	-0.033	0.014	0.642	-0.103	-0.237	0.020	0.130	-0.108	-0.241	0.017	0.112	0.049	-0.544	0.532	0.666	SM(14:0)	Sphingolipids	Sphingomyelin
AL	tnfa	id_449	-0.002	-0.021	0.012	0.836	-0.106	-0.259	0.037	0.146	-0.108	-0.262	0.034	0.138	0.015	-0.326	0.410	0.874	SM(16:0)	Sphingolipids	Sphingomyelin
AL	tnfa	id_450	-0.001	-0.016	0.011	0.948	-0.107	-0.257	0.025	0.108	-0.108	-0.256	0.021	0.104	0.008	-0.280	0.249	0.944	SM(18:0)	Sphingolipids	Sphingomyelin
AL	tnfa	id_451	0.002	-0.018	0.021	0.906	-0.110	-0.261	0.028	0.112	-0.108	-0.256	0.028	0.114	-0.015	-0.387	0.460	0.904	SM(18:1)	Sphingolipids	Sphingomyelin
AL	tnfa	id_452	-0.009	-0.039	0.016	0.470	-0.099	-0.235	0.038	0.152	-0.108	-0.242	0.032	0.136	0.080	-0.577	0.808	0.514	SM(20:0)	Sphingolipids	Sphingomyelin
AL	tnfa	id_453	0.000	-0.022	0.018	0.922	-0.108	-0.249	0.023	0.140	-0.108	-0.254	0.020	0.126	0.002	-0.648	0.424	0.936	SM(20:1)	Sphingolipids	Sphingomyelin

AL	tnfa	id_454	-0.006	-0.034	0.009	0.498	-0.102	-0.242	0.031	0.136	-0.108	-0.246	0.022	0.110	0.059	-0.393	0.734	0.532	SM(22:0)	Sphingolipid s	Sphingomyelin
AL	tnfa	id_455	-0.002	-0.026	0.014	0.814	-0.107	-0.243	0.028	0.132	-0.108	-0.248	0.024	0.122	0.014	-0.519	0.519	0.852	SM(22:1)	Sphingolipid s	Sphingomyelin
AL	tnfa	id_456	-0.007	-0.034	0.015	0.514	-0.101	-0.241	0.037	0.172	-0.108	-0.249	0.026	0.138	0.067	-0.459	0.798	0.556	SM(24:0)	Sphingolipid s	Sphingomyelin
AL	tnfa	id_457	-0.002	-0.029	0.018	0.802	-0.106	-0.240	0.031	0.144	-0.108	-0.248	0.031	0.136	0.022	-0.654	0.592	0.826	SM(24:1)	Sphingolipid s	Sphingomyelin
AL	tnfa	id_458	-0.008	-0.037	0.014	0.484	-0.100	-0.246	0.035	0.132	-0.108	-0.256	0.029	0.102	0.072	-0.429	0.697	0.522	SM(26:0)	Sphingolipid s	Sphingomyelin
AL	tnfa	id_459	0.001	-0.028	0.033	0.940	-0.109	-0.255	0.027	0.130	-0.108	-0.258	0.034	0.140	-0.007	-1.003	0.608	0.968	SM(26:1)	Sphingolipid s	Sphingomyelin
AL	tnfa	id_660	-0.005	-0.039	0.022	0.736	-0.103	-0.241	0.030	0.134	-0.108	-0.248	0.021	0.108	0.049	-1.317	0.884	0.752	TAG51:3- FA16:0	Triacylglycerol	TAG Ester
AL	tnfa	id_663	-0.013	-0.053	0.025	0.508	-0.095	-0.233	0.035	0.170	-0.108	-0.252	0.029	0.138	0.119	-0.638	1.401	0.526	TAG51:3- FA18:1	Triacylglycerol	TAG Ester
AL	tnfa	id_667	-0.001	-0.032	0.025	0.998	-0.107	-0.245	0.035	0.116	-0.108	-0.249	0.030	0.122	0.006	-0.861	1.039	0.956	TAG51:4- FA16:0	Triacylglycerol	TAG Ester
AL	tnfa	id_755	0.004	-0.012	0.026	0.638	-0.112	-0.260	0.018	0.102	-0.108	-0.257	0.019	0.110	-0.037	-0.471	0.433	0.668	TAG53:3- FA18:0	Triacylglycerol	TAG Ester
AL	tnfa	id_760	0.001	-0.020	0.024	0.948	-0.109	-0.246	0.025	0.132	-0.108	-0.246	0.026	0.124	-0.010	-0.489	0.599	0.984	TAG53:4- FA18:0	Triacylglycerol	TAG Ester
AL	tnfa	id_761	-0.012	-0.047	0.021	0.472	-0.097	-0.235	0.036	0.174	-0.108	-0.248	0.025	0.136	0.107	-0.632	1.529	0.500	TAG53:4- FA18:1	Triacylglycerol	TAG Ester
AL	tnfa	id_765	0.007	-0.020	0.038	0.654	-0.115	-0.253	0.016	0.100	-0.108	-0.244	0.024	0.124	-0.060	-0.983	0.915	0.726	TAG53:5- FA18:1	Triacylglycerol	TAG Ester
AL	tnfa	id_766	-0.006	-0.046	0.028	0.772	-0.102	-0.238	0.032	0.138	-0.108	-0.243	0.032	0.132	0.054	-0.838	0.928	0.780	TAG53:5- FA18:2	Triacylglycerol	TAG Ester
AL	tnfa	id_769	0.018	-0.007	0.061	0.174	-0.126	-0.275	0.007	0.064	-0.108	-0.259	0.025	0.144	-0.165	-1.496	1.955	0.286	TAG53:6- FA18:1	Triacylglycerol	TAG Ester
AL	tnfa	id_770	-0.008	-0.045	0.022	0.596	-0.100	-0.224	0.029	0.126	-0.108	-0.239	0.024	0.114	0.075	-0.823	1.009	0.586	TAG53:6- FA18:2	Triacylglycerol	TAG Ester
AL	tnfa	id_771	0.000	-0.032	0.033	0.974	-0.109	-0.243	0.023	0.114	-0.108	-0.249	0.025	0.106	-0.004	-0.973	0.845	0.976	TAG53:6- FA18:3	Triacylglycerol	TAG Ester
AL	tnfa	id_773	-0.003	-0.030	0.015	0.758	-0.105	-0.250	0.027	0.116	-0.108	-0.256	0.025	0.114	0.030	-0.455	0.498	0.764	TAG53:7- FA18:3	Triacylglycerol	TAG Ester
AL	tnfa	id_856	0.000	-0.041	0.039	0.942	-0.108	-0.247	0.016	0.088	-0.108	-0.249	0.024	0.108	-0.001	-1.040	1.026	0.894	TAG55:6- FA18:1	Triacylglycerol	TAG Ester
AL	tnfa	id_857	0.008	-0.017	0.046	0.484	-0.116	-0.253	0.016	0.076	-0.108	-0.240	0.029	0.106	-0.073	-1.189	0.629	0.562	TAG55:6- FA20:3	Triacylglycerol	TAG Ester

AL	tnfa	id_860	-0.001	-0.031	0.023	0.960	-0.107	-0.250	0.030	0.126	-0.108	-0.250	0.033	0.126	0.007	-0.955	0.737	0.922	TAG55:7- Triacylglycer FA18:1 ol TAG Ester		
AL	tnfa	id_861	0.006	-0.015	0.035	0.564	-0.114	-0.255	0.019	0.118	-0.108	-0.248	0.028	0.138	-0.051	-0.957	0.673	0.630	TAG55:7- Triacylglycer FA20:3 ol TAG Ester		
AL	tnfa	id_862	-0.004	-0.028	0.023	0.732	-0.104	-0.245	0.015	0.090	-0.108	-0.252	0.014	0.088	0.038	-0.663	0.511	0.720	TAG55:7- Triacylglycer FA20:4 ol TAG Ester		
AL	tnfa	id_864	0.002	-0.024	0.034	0.830	-0.110	-0.248	0.035	0.134	-0.108	-0.252	0.039	0.148	-0.020	-0.634	0.946	0.878	TAG55:8- Triacylglycer FA20:4 ol TAG Ester		
AL	tnfa	id_939	0.005	-0.017	0.038	0.734	-0.113	-0.248	0.028	0.130	-0.108	-0.243	0.035	0.144	-0.046	-0.899	0.644	0.802	TAG57:9- Triacylglycer FA22:6 ol TAG Ester		
AL	tnfa	id_978	-0.007	-0.037	0.008	0.438	-0.101	-0.226	0.044	0.168	-0.108	-0.234	0.042	0.142	0.065	-0.379	0.726	0.512	Neutral Complex Cholesteryl Total CE Lipids SUM Esters		
AL	tnfa	id_979	-0.006	-0.037	0.010	0.480	-0.102	-0.240	0.040	0.204	-0.108	-0.260	0.033	0.180	0.056	-0.411	0.820	0.556	Total Sphingolipid CER SUM Ceramides		
AL	tnfa	id_981	-0.011	-0.047	0.020	0.476	-0.097	-0.228	0.043	0.180	-0.108	-0.245	0.035	0.146	0.098	-0.919	1.130	0.506	Total Sphingolipid DCER SUM Dihydrocera mides		
AL	tnfa	id_982	-0.006	-0.033	0.029	0.678	-0.102	-0.240	0.030	0.156	-0.108	-0.251	0.032	0.144	0.055	-0.983	1.013	0.682	Total Sphingolipid HCER SUM Hexosylcera mides		
AL	tnfa	id_983	0.001	-0.016	0.016	0.960	-0.109	-0.241	0.029	0.124	-0.108	-0.238	0.027	0.126	-0.005	-0.530	0.335	0.966	Total Sphingolipid LCER SUM Lactosylcera mides		
AL	tnfa	id_987	-0.008	-0.042	0.013	0.476	-0.100	-0.233	0.041	0.138	-0.108	-0.241	0.029	0.120	0.070	-0.451	0.871	0.516	Phospholipid Total PC SUM Phosphatidyl cholines		
AL	tnfa	id_990	-0.005	-0.030	0.012	0.594	-0.103	-0.245	0.026	0.118	-0.108	-0.247	0.019	0.104	0.046	-0.333	0.565	0.622	Sphingolipid Total SM SUM Sphingomyel ins		
AL	tnfa	id_039	-0.003	-0.034	0.006	0.524	-0.105	-0.234	0.048	0.140	-0.108	-0.243	0.036	0.108	0.027	-0.317	0.697	0.588	Cholesterol CE(22:1) Ester CE Ester		
AL	tnfa	id_060	0.001	-0.018	0.018	0.880	-0.109	-0.250	0.037	0.146	-0.108	-0.252	0.036	0.148	-0.009	-0.332	0.281	0.900	DAG(12: Diacylglycer 0/18:1) ol DAG Ester		
AL	tnfa	id_071	-0.003	-0.023	0.015	0.712	-0.105	-0.252	0.038	0.128	-0.108	-0.255	0.036	0.110	0.025	-0.351	0.427	0.754	DAG(14: Diacylglycer 1/16:0) ol DAG Ester		
AL	tnfa	id_072	0.005	-0.013	0.032	0.546	-0.113	-0.255	0.028	0.114	-0.108	-0.249	0.039	0.136	-0.050	-1.027	0.497	0.638	DAG(14: Diacylglycer 1/18:1) ol DAG Ester		
AL	tnfa	id_150	0.005	-0.024	0.040	0.696	-0.113	-0.249	0.025	0.098	-0.108	-0.241	0.033	0.120	-0.050	-1.019	0.478	0.748	LCER(24: Sphingolipid 1) s Lactosylcera mide		
AL	tnfa	id_151	0.003	-0.011	0.025	0.674	-0.111	-0.250	0.036	0.144	-0.108	-0.249	0.032	0.158	-0.026	-0.483	0.320	0.692	LCER(26: Sphingolipid 0) s Lactosylcera mide		
AL	tnfa	id_160	-0.001	-0.016	0.016	0.942	-0.107	-0.241	0.024	0.138	-0.108	-0.242	0.024	0.122	0.007	-0.334	0.389	0.916	LPC(18:2 Lysophospha) tidylcholine LPC Ester		
AL	tnfa	id_196	-0.008	-0.031	0.010	0.442	-0.100	-0.243	0.034	0.142	-0.108	-0.246	0.029	0.114	0.071	-0.476	0.839	0.484	3) MAG Ester		

AL	tnfa	id_199	-0.012	-0.041	0.012	0.308	-0.096	-0.225	0.045	0.178	-0.108	-0.239	0.035	0.138	0.107	-0.640	0.980	0.394	1)	MAG	Ester
AL	tnfa	id_200	-0.011	-0.045	0.011	0.378	-0.097	-0.233	0.030	0.146	-0.108	-0.251	0.017	0.094	0.098	-0.419	1.117	0.412	2)	MAG	Ester
AL	tnfa	id_201	0.001	-0.028	0.026	0.956	-0.109	-0.252	0.031	0.152	-0.108	-0.257	0.033	0.136	-0.005	-0.938	0.880	0.984	3)	MAG	Ester
AL	tnfa	id_251	0.000	-0.015	0.015	0.998	-0.108	-0.245	0.029	0.140	-0.108	-0.247	0.028	0.138	-0.002	-0.347	0.269	0.992	PC(16:0/22:6)	Phosphatidylcholine	PC Ester
AL	tnfa	id_288	0.005	-0.022	0.030	0.692	-0.113	-0.256	0.027	0.108	-0.108	-0.254	0.027	0.142	-0.045	-0.722	0.826	0.770	PC(18:1/22:6)	Phosphatidylcholine	PC Ester
AL	tnfa	id_293	-0.002	-0.022	0.012	0.900	-0.106	-0.246	0.042	0.162	-0.108	-0.249	0.035	0.140	0.015	-0.349	0.466	0.920	PC(18:2/20:2)	Phosphatidylcholine	PC Ester
AL	tnfa	id_298	0.003	-0.011	0.020	0.756	-0.111	-0.245	0.017	0.100	-0.108	-0.244	0.019	0.108	-0.024	-0.457	0.317	0.780	PC(18:2/22:5)	Phosphatidylcholine	PC Ester
AL	tnfa	id_332	0.000	-0.011	0.012	0.976	-0.108	-0.249	0.027	0.134	-0.108	-0.248	0.026	0.138	0.001	-0.397	0.283	0.990	PE(18:0/18:0)	Phosphatidylethanolamine	PE Ester
AL	tnfa	id_359	-0.001	-0.020	0.012	0.756	-0.107	-0.247	0.032	0.150	-0.108	-0.250	0.028	0.122	0.013	-0.366	0.466	0.798	PE(18:2/16:1)	Phosphatidylethanolamine	PE Ester
AL	tnfa	id_366	0.001	-0.021	0.016	0.962	-0.109	-0.249	0.030	0.128	-0.108	-0.246	0.027	0.118	-0.005	-0.379	0.430	0.976	PE(O-16:0/18:2)	Phosphatidylethanolamine	PE Ether
AL	tnfa	id_368	0.002	-0.022	0.032	0.856	-0.111	-0.248	0.025	0.100	-0.108	-0.247	0.027	0.112	-0.023	-0.910	0.375	0.884	PE(O-16:0/20:4)	Phosphatidylethanolamine	PE Ether
AL	tnfa	id_372	0.005	-0.013	0.032	0.536	-0.113	-0.251	0.020	0.106	-0.108	-0.249	0.030	0.126	-0.050	-0.819	0.433	0.618	PE(O-16:0/22:6)	Phosphatidylethanolamine	PE Ether
AL	tnfa	id_378	0.002	-0.020	0.027	0.832	-0.110	-0.258	0.024	0.110	-0.108	-0.258	0.027	0.116	-0.017	-0.753	0.342	0.872	PE(O-18:0/20:4)	Phosphatidylethanolamine	PE Ether
AL	tnfa	id_381	0.005	-0.013	0.028	0.590	-0.113	-0.255	0.015	0.094	-0.108	-0.247	0.019	0.102	-0.048	-0.549	0.426	0.644	PE(O-18:0/22:5)	Phosphatidylethanolamine	PE Ether
AL	tnfa	id_382	0.000	-0.014	0.018	0.948	-0.108	-0.249	0.028	0.126	-0.108	-0.250	0.030	0.122	-0.002	-0.304	0.307	0.970	PE(O-18:0/22:6)	Phosphatidylethanolamine	PE Ether
AL	tnfa	id_387	-0.001	-0.028	0.018	0.860	-0.107	-0.250	0.036	0.146	-0.108	-0.247	0.031	0.120	0.008	-0.443	0.601	0.916	PE(P-16:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen

AL	tnfa	id_392	0.004	-0.012	0.027	0.640	-0.112	-0.240	0.022	0.104	-0.108	-0.232	0.025	0.108	-0.039	-0.667	0.213	0.672	PE(P-16:0/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	tnfa	id_395	0.002	-0.016	0.015	0.982	-0.110	-0.251	0.026	0.120	-0.108	-0.250	0.028	0.114	-0.016	-0.413	0.341	0.980	PE(P-16:0/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	tnfa	id_396	0.000	-0.013	0.014	0.968	-0.108	-0.256	0.025	0.112	-0.108	-0.258	0.023	0.112	0.004	-0.307	0.259	0.960	PE(P-16:0/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	tnfa	id_401	0.000	-0.013	0.017	0.956	-0.109	-0.246	0.029	0.116	-0.108	-0.248	0.029	0.116	-0.004	-0.323	0.380	0.960	PE(P-18:0/18:1)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	tnfa	id_402	-0.001	-0.020	0.016	0.896	-0.107	-0.245	0.039	0.168	-0.108	-0.246	0.035	0.150	0.012	-0.354	0.432	0.918	PE(P-18:0/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	tnfa	id_406	0.003	-0.016	0.029	0.724	-0.111	-0.257	0.014	0.096	-0.108	-0.250	0.019	0.108	-0.029	-0.519	0.412	0.776	PE(P-18:0/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	tnfa	id_409	0.005	-0.012	0.024	0.650	-0.113	-0.240	0.036	0.150	-0.108	-0.233	0.042	0.146	-0.042	-0.597	0.468	0.716	PE(P-18:0/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	tnfa	id_410	0.000	-0.016	0.019	0.974	-0.108	-0.246	0.027	0.132	-0.108	-0.243	0.029	0.134	-0.001	-0.402	0.457	0.992	PE(P-18:0/22:6)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	tnfa	id_411	-0.005	-0.031	0.018	0.688	-0.103	-0.233	0.031	0.122	-0.108	-0.247	0.026	0.110	0.049	-0.532	0.621	0.690	PE(P-18:1/16:0)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	tnfa	id_415	-0.003	-0.033	0.020	0.794	-0.105	-0.238	0.030	0.156	-0.108	-0.237	0.026	0.138	0.029	-0.481	0.843	0.840	PE(P-18:1/18:2)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	tnfa	id_419	0.007	-0.010	0.033	0.456	-0.115	-0.250	0.024	0.118	-0.108	-0.243	0.029	0.132	-0.063	-0.767	0.253	0.504	PE(P-18:1/20:4)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	tnfa	id_421	0.003	-0.018	0.030	0.786	-0.112	-0.246	0.026	0.120	-0.108	-0.237	0.032	0.132	-0.032	-0.535	0.528	0.798	PE(P-18:1/22:4)	Phosphatidyl ethanolamine	PE Plasmalogen
AL	tnfa	id_422	0.002	-0.012	0.020	0.818	-0.111	-0.245	0.031	0.116	-0.108	-0.243	0.035	0.116	-0.023	-0.377	0.228	0.818	PE(P-18:1/22:5)	Phosphatidyl ethanolamine	PE Plasmalogen

AL	tnfa	id_423	0.001	-0.013	0.021	0.872	-0.109	-0.241	0.035	0.130	-0.108	-0.233	0.034	0.136	-0.008	-0.587	0.327	0.888	PE(P-18:1/22:6)	Phosphatidylethanolamine	Plasmalogen
AL	tnfa	id_424	-0.012	-0.047	0.007	0.254	-0.096	-0.244	0.036	0.176	-0.108	-0.248	0.019	0.104	0.111	-0.545	1.569	0.318	PE(P-18:2/18:2)	Phosphatidylethanolamine	Plasmalogen
AL	tnfa	id_425	0.007	-0.007	0.036	0.420	-0.116	-0.262	0.035	0.122	-0.108	-0.249	0.040	0.150	-0.069	-0.696	0.390	0.506	PE(P-18:2/20:4)	Phosphatidylethanolamine	Plasmalogen

Table S11: Mediation analysis for 24-month changes

Group	Clinical	Metabolite	ACME_estimate	ACME_CI_low	ACME_CI_high	ACME_p	ADE_estimate	ADE_CI_low	ADE_CI_high	ADE_p	Total_effect	Total_CI_low	Total_CI_high	Total_p	Proportion	Prop_m	Prop_m	Prop_me	Biochemical	Super pathway	Sub pathway
															mediate	ed_CI_l	ed_CI_h				
CR	Insulin AUC	id_035	-0.02	-0.08	-0.008	0	-0.135	-0.243	-0.005	0.04	-0.155	-0.267	-0.03	0.014	0.128	0.04	0.797	0.014	CE(20:3)	Cholesterol Ester	CE Ester
CR	Insulin AUC	id_051	-0.022	-0.101	-0.007	0	-0.133	-0.253	0.013	0.072	-0.155	-0.28	-0.026	0.018	0.142	0.034	1.053	0.018	CER(20:1)	Sphingolipids	Ceramide
CR	Insulin AUC	id_048	-0.034	-0.123	-0.009	0.002	-0.121	-0.234	0.029	0.136	-0.155	-0.27	-0.031	0.012	0.218	0.05	1.471	0.014	CER(18:0)	Sphingolipids	Ceramide
CR	Insulin AUC	id_034	-0.02	-0.083	-0.008	0.004	-0.135	-0.249	0.001	0.052	-0.155	-0.273	-0.037	0.012	0.132	0.039	0.87	0.016	CE(20:2)	Cholesterol Ester	CE Ester
CR	Insulin AUC	id_660	-0.013	-0.122	-0.004	0.004	-0.143	-0.252	0.027	0.12	-0.155	-0.273	-0.029	0.02	0.082	0.018	1.33	0.024	TAG51:3-FA16:0	Triacylglycerol	TAG Ester
CR	Insulin AUC	id_667	-0.012	-0.101	-0.003	0.006	-0.143	-0.258	-0.002	0.048	-0.155	-0.277	-0.036	0.006	0.079	0.013	0.953	0.012	TAG51:4-FA16:0	Triacylglycerol	TAG Ester
CR	Insulin AUC	id_454	-0.012	-0.052	-0.002	0.008	-0.143	-0.27	-0.013	0.026	-0.155	-0.28	-0.03	0.012	0.078	0.011	0.546	0.02	SM(22:0)	Sphingolipids	Sphingomyelin
CR	Insulin AUC	id_053	-0.019	-0.107	-0.003	0.01	-0.136	-0.251	0.01	0.074	-0.155	-0.273	-0.039	0.008	0.122	0.014	1.133	0.018	CER(22:1)	Sphingolipids	Ceramide
CR	Insulin AUC	id_122	-0.014	-0.069	-0.003	0.016	-0.141	-0.265	0	0.052	-0.155	-0.282	-0.031	0.016	0.089	0.01	0.798	0.032	DCER(22:0)	Sphingolipids	Dihydroceramide
CR	Insulin AUC	id_450	-0.016	-0.061	-0.003	0.018	-0.139	-0.251	-0.012	0.032	-0.155	-0.267	-0.031	0.012	0.103	0.012	0.657	0.03	SM(18:0)	Sphingolipids	Sphingomyelin
CR	Insulin AUC	id_452	-0.013	-0.051	-0.002	0.022	-0.142	-0.269	-0.012	0.028	-0.155	-0.284	-0.031	0.014	0.085	0.008	0.5	0.036	SM(20:0)	Sphingolipids	Sphingomyelin
CR	Insulin AUC	id_124	-0.014	-0.049	-0.001	0.024	-0.141	-0.276	-0.015	0.026	-0.155	-0.288	-0.033	0.014	0.092	0.005	0.524	0.034	DCER(22:2)	Sphingolipids	Dihydroceramide
CR	Insulin AUC	id_123	-0.008	-0.071	-0.001	0.028	-0.147	-0.262	-0.006	0.042	-0.155	-0.275	-0.03	0.01	0.051	0.002	0.722	0.038	DCER(22:1)	Sphingolipids	Dihydroceramide
CR	Insulin AUC	id_026	-0.011	-0.059	-0.001	0.03	-0.144	-0.262	-0.004	0.042	-0.155	-0.279	-0.032	0.018	0.072	0.002	0.725	0.048	CE(17:0)	Cholesterol Ester	CE Ester
CR	Insulin AUC	id_036	-0.017	-0.049	-0.001	0.04	-0.138	-0.269	-0.014	0.028	-0.155	-0.281	-0.028	0.014	0.11	-0.002	0.556	0.054	CE(20:4)	Cholesterol Ester	CE Ester
CR	Insulin AUC	id_392	-0.016	-0.039	0	0.042	-0.139	-0.27	-0.014	0.02	-0.155	-0.282	-0.041	0.008	0.102	0.001	0.535	0.05	PE(P-16:0/20:4)	Phosphatidylethanolamine	PE
CR	Insulin AUC	id_981	-0.007	-0.05	0	0.044	-0.148	-0.266	-0.017	0.028	-0.155	-0.285	-0.035	0.01	0.045	0	0.474	0.054	Total DCER	Sphingolipid SUM	Plasmalogen Dihydroceramides

CR	Insulin AUC	id_456	-0.01	-0.041	0	0.046	-0.145	-0.273	-0.013	0.03	-0.155	-0.284	-0.03	0.024	0.065	-0.016	0.387	0.07	SM(24:0)	Sphingolipids	Sphingomyelin
CR	Insulin AUC	id_118	-0.015	-0.052	0	0.052	-0.14	-0.248	-0.013	0.026	-0.155	-0.262	-0.03	0.018	0.099	-0.021	0.528	0.07	DCER(18:0)	Sphingolipids	Dihydroceramide
CR	Insulin AUC	id_663	-0.011	-0.068	0	0.052	-0.144	-0.271	-0.01	0.03	-0.155	-0.287	-0.034	0.012	0.074	-0.006	0.657	0.064	TAG51:3-FA18:1	Triacylglycerol	TAG Ester
CR	Insulin AUC	id_024	-0.01	-0.039	0	0.054	-0.145	-0.26	-0.022	0.022	-0.155	-0.272	-0.033	0.014	0.067	-0.009	0.413	0.068	CE(16:0)	Cholesterol Ester	CE Ester
CR	Insulin AUC	id_027	-0.01	-0.046	0	0.058	-0.145	-0.256	-0.017	0.022	-0.155	-0.268	-0.032	0.008	0.065	-0.003	0.488	0.062	CE(18:0)	Cholesterol Ester	CE Ester
CR	Insulin AUC	id_272	-0.015	-0.044	0	0.06	-0.141	-0.262	-0.017	0.026	-0.155	-0.281	-0.033	0.016	0.094	-0.012	0.505	0.076	PC(18:0/20:4)	Phosphatidylcholine	PC Ester
CR	Insulin AUC	id_860	-0.006	-0.066	0.001	0.068	-0.149	-0.26	-0.011	0.036	-0.155	-0.272	-0.029	0.014	0.041	-0.007	0.575	0.082	TAG55:7-FA18:1	Triacylglycerol	TAG Ester
CR	Insulin AUC	id_978	-0.01	-0.038	0.001	0.07	-0.146	-0.27	-0.017	0.02	-0.155	-0.286	-0.031	0.008	0.062	-0.005	0.433	0.078	Total CE	Neutral Complex Lipids SUM	Cholesteryl Esters
CR	Insulin AUC	id_150	-0.023	-0.056	0.003	0.072	-0.132	-0.249	-0.014	0.028	-0.155	-0.275	-0.034	0.014	0.151	-0.026	0.525	0.082	LCER(24:1)	Sphingolipids	Lactosylceramide
CR	Insulin AUC	id_257	-0.013	-0.042	0.002	0.084	-0.142	-0.267	-0.009	0.034	-0.155	-0.276	-0.028	0.014	0.084	-0.018	0.606	0.098	PC(17:0/20:4)	Phosphatidylcholine	PC Ester
CR	Insulin AUC	id_864	-0.003	-0.063	0.001	0.084	-0.152	-0.271	-0.016	0.032	-0.155	-0.279	-0.035	0.01	0.021	-0.004	0.525	0.094	TAG55:8-FA20:4	Triacylglycerol	TAG Ester
CR	Insulin AUC	id_041	-0.014	-0.044	0.002	0.088	-0.142	-0.271	-0.011	0.038	-0.155	-0.286	-0.028	0.012	0.087	-0.022	0.536	0.1	CE(22:4)	Cholesterol Ester	CE Ester
CR	Insulin AUC	id_419	-0.014	-0.034	0.003	0.092	-0.142	-0.268	-0.025	0.022	-0.155	-0.275	-0.042	0.006	0.088	-0.017	0.38	0.098	PE(P-18:1/20:4)	Phosphatidylethanolamine	PE
CR	Insulin AUC	id_987	-0.009	-0.042	0.002	0.102	-0.146	-0.269	-0.012	0.028	-0.155	-0.278	-0.032	0.006	0.059	-0.011	0.558	0.108	Total PC	Phospholipid SUM	Plasmalogen Phosphatidylcholines
CR	Insulin AUC	id_761	-0.003	-0.064	0.001	0.104	-0.152	-0.264	-0.015	0.03	-0.155	-0.277	-0.034	0.01	0.022	-0.007	0.581	0.114	TAG53:4-FA18:1	Triacylglycerol	TAG Ester
CR	Insulin AUC	id_766	-0.003	-0.058	0.001	0.108	-0.152	-0.254	-0.023	0.02	-0.155	-0.266	-0.035	0.012	0.02	-0.008	0.493	0.12	TAG53:5-FA18:2	Triacylglycerol	TAG Ester
CR	Insulin AUC	id_023	-0.008	-0.036	0.002	0.11	-0.147	-0.257	-0.025	0.026	-0.155	-0.263	-0.034	0.016	0.052	-0.013	0.389	0.126	CE(15:0)	Cholesterol Ester	CE Ester
CR	Insulin AUC	id_770	-0.004	-0.041	0.002	0.11	-0.151	-0.277	-0.025	0.014	-0.155	-0.285	-0.036	0.006	0.024	-0.013	0.371	0.116	TAG53:6-FA18:2	Triacylglycerol	TAG Ester
CR	Insulin AUC	id_228	-0.011	-0.037	0.002	0.112	-0.145	-0.265	-0.029	0.024	-0.155	-0.278	-0.039	0.01	0.068	-0.026	0.327	0.122	PC(15:0/18:2)	Phosphatidylcholine	PC Ester

CR	AUC Insulin AUC	id_126	-0.005	-0.045	0.002	0.12	-0.151	-0.271	-0.015	0.026	-0.155	-0.28	-0.03	0.012	0.03	-0.014	0.463	0.132	DCER(24:1)	Sphingolipids	Dihydroceramide
CR	AUC Insulin AUC	id_049	-0.009	-0.057	0.002	0.122	-0.146	-0.268	-0.017	0.03	-0.155	-0.275	-0.039	0.006	0.059	-0.017	0.579	0.124	CER(18:1)	Sphingolipids	Ceramide
CR	AUC Insulin AUC	id_125	-0.007	-0.039	0.002	0.134	-0.148	-0.266	-0.017	0.018	-0.155	-0.272	-0.032	0.012	0.046	-0.017	0.472	0.146	DCER(24:0)	Sphingolipids	Dihydroceramide
CR	AUC Insulin AUC	id_990	-0.006	-0.032	0.002	0.134	-0.149	-0.267	-0.025	0.022	-0.155	-0.272	-0.034	0.012	0.039	-0.023	0.301	0.146	Total SM	Sphingolipid SUM	Sphingomyelins
CR	AUC Insulin AUC	id_455	-0.007	-0.038	0.002	0.136	-0.149	-0.276	-0.024	0.02	-0.155	-0.285	-0.033	0.016	0.042	-0.02	0.353	0.152	SM(22:1)	Sphingolipids	Sphingomyelin
CR	AUC Insulin AUC	id_451	-0.01	-0.049	0.004	0.148	-0.145	-0.264	-0.013	0.024	-0.155	-0.274	-0.035	0.008	0.066	-0.028	0.582	0.156	SM(18:1)	Sphingolipids	Sphingomyelin
CR	AUC Insulin AUC	id_120	-0.005	-0.031	0.002	0.152	-0.15	-0.267	-0.026	0.02	-0.155	-0.272	-0.041	0.014	0.033	-0.016	0.299	0.166	DCER(20:0)	Sphingolipids	Dihydroceramide
CR	AUC Insulin AUC	id_136	-0.009	-0.036	0.003	0.152	-0.147	-0.26	-0.016	0.03	-0.155	-0.276	-0.027	0.014	0.056	-0.037	0.368	0.162	HCER(22:1)	Sphingolipids	Hexosylceramide
CR	AUC Insulin AUC	id_154	0.006	-0.002	0.038	0.152	-0.161	-0.283	-0.042	0.008	-0.155	-0.275	-0.033	0.01	-0.037	-0.408	0.017	0.162	LPC(15:0)	Lysophosphatidylcholine	LPC Ester
CR	AUC Insulin AUC	id_421	-0.014	-0.055	0.006	0.152	-0.141	-0.268	-0.014	0.03	-0.155	-0.278	-0.035	0.012	0.09	-0.047	0.526	0.164	PE(P-18:1/22:4)	Phosphatidylethanolamine Sphingolipid	PE Plasmalogen
CR	AUC Insulin AUC	id_979	-0.008	-0.04	0.004	0.154	-0.148	-0.271	-0.021	0.028	-0.155	-0.28	-0.035	0.012	0.049	-0.022	0.42	0.166	Total CER	SUM	Ceramides
CR	AUC Insulin AUC	id_033	-0.006	-0.026	0.004	0.156	-0.149	-0.27	-0.035	0.01	-0.155	-0.278	-0.041	0.006	0.037	-0.03	0.227	0.162	CE(20:1)	Cholesterol Ester	CE Ester
CR	AUC Insulin AUC	id_395	-0.012	-0.037	0.005	0.156	-0.144	-0.264	-0.015	0.036	-0.155	-0.275	-0.028	0.014	0.075	-0.037	0.515	0.17	PE(P-16:0/22:5) TAG53:7-	Phosphatidylethanolamine Triacylglycerol	PE Plasmalogen
CR	AUC Insulin AUC	id_773	-0.004	-0.039	0.004	0.16	-0.152	-0.266	-0.036	0.01	-0.155	-0.278	-0.041	0.008	0.024	-0.036	0.286	0.168	FA18:3	Triacylglycerol	TAG Ester
CR	AUC Insulin AUC	id_052	-0.009	-0.047	0.004	0.164	-0.147	-0.264	-0.013	0.028	-0.155	-0.27	-0.031	0.012	0.055	-0.026	0.511	0.176	CER(22:0)	Sphingolipids	Ceramide
CR	AUC Insulin AUC	id_196	-0.008	-0.024	0.007	0.166	-0.147	-0.265	-0.021	0.012	-0.155	-0.273	-0.031	0.004	0.053	-0.053	0.293	0.166	MAG(18:3)	MAG	Ester
CR	AUC Insulin AUC	id_368	-0.013	-0.033	0.005	0.168	-0.142	-0.268	-0.017	0.02	-0.155	-0.274	-0.029	0.012	0.083	-0.051	0.464	0.172	PE(O-16:0/20:4) TAG53:6-	Phosphatidylethanolamine Triacylglycerol	PE Ether
CR	AUC Insulin AUC	id_771	-0.002	-0.045	0.001	0.17	-0.153	-0.272	-0.022	0.026	-0.155	-0.285	-0.033	0.014	0.013	-0.01	0.45	0.18	FA18:3	Triacylglycerol	TAG Ester
CR	AUC Insulin AUC	id_042	-0.008	-0.028	0.006	0.174	-0.147	-0.272	-0.017	0.022	-0.155	-0.276	-0.027	0.016	0.055	-0.062	0.344	0.19	CE(22:5)	Cholesterol Ester	CE Ester

CR	AUC Insulin AUC	id_405	-0.009	-0.033	0.004	0.18	-0.147	-0.271	-0.02	0.024	-0.155	-0.279	-0.031	0.014	0.056	-0.028	0.393	0.194	PE(P- 18:0/20:3)	Phosphatidyleth anolamine	PE Plasmalogen Hexosylceram ide Dihydroceram ide
CR	AUC Insulin AUC	id_134	-0.007	-0.025	0.003	0.186	-0.148	-0.266	-0.011	0.034	-0.155	-0.276	-0.019	0.022	0.046	-0.029	0.289	0.2	HCER(20:1)	Sphingolipids	
CR	AUC Insulin AUC	id_119	-0.006	-0.024	0.007	0.188	-0.15	-0.274	-0.022	0.02	-0.155	-0.28	-0.028	0.01	0.037	-0.052	0.232	0.194	DCER(18:1)	Sphingolipids	
CR	AUC Insulin AUC	id_055	-0.008	-0.034	0.004	0.196	-0.147	-0.263	-0.029	0.02	-0.155	-0.276	-0.037	0.012	0.05	-0.027	0.292	0.208	CER(24:1)	Sphingolipids	Ceramide
CR	AUC Insulin	id_029	-0.006	-0.027	0.004	0.204	-0.149	-0.281	-0.02	0.026	-0.155	-0.283	-0.029	0.016	0.038	-0.026	0.288	0.212	CE(18:2)	Cholesterol Ester	CE Ester
CR	AUC Insulin AUC	id_406	-0.011	-0.033	0.004	0.204	-0.145	-0.27	-0.024	0.018	-0.155	-0.278	-0.039	0.006	0.068	-0.029	0.43	0.202	PE(P- 18:0/20:4)	Phosphatidyleth anolamine	PE Plasmalogen
CR	AUC Insulin AUC	id_028	-0.006	-0.026	0.004	0.208	-0.149	-0.269	-0.026	0.018	-0.155	-0.272	-0.031	0.01	0.038	-0.029	0.27	0.214	CE(18:1)	Cholesterol Ester	CE Ester
CR	AUC Insulin AUC	id_283	-0.01	-0.052	0.007	0.208	-0.146	-0.262	-0.004	0.046	-0.155	-0.275	-0.024	0.02	0.063	-0.077	0.609	0.228	PC(18:1/20:3)	Phosphatidylchol ine	PC Ester
CR	AUC Insulin AUC	id_050	-0.009	-0.054	0.006	0.212	-0.146	-0.274	-0.014	0.032	-0.155	-0.28	-0.033	0.02	0.059	-0.076	0.551	0.232	CER(20:0)	Sphingolipids	Ceramide
CR	AUC Insulin AUC	id_054	-0.007	-0.033	0.004	0.214	-0.149	-0.273	-0.023	0.02	-0.155	-0.277	-0.032	0.014	0.043	-0.032	0.329	0.228	CER(24:0)	Sphingolipids	Ceramide
CR	AUC Insulin AUC	id_856	-0.002	-0.041	0.002	0.216	-0.153	-0.267	-0.027	0.012	-0.155	-0.277	-0.03	0.006	0.013	-0.013	0.315	0.222	TAG55:6- FA18:1	Triacylglycerol	TAG Ester Lactosylcera mide
CR	AUC Insulin	id_145	0.008	-0.004	0.028	0.266	-0.163	-0.293	-0.037	0.014	-0.155	-0.281	-0.025	0.018	-0.051	-0.355	0.037	0.284	LCER(20:0)	Sphingolipids	
CR	AUC Insulin AUC	id_181	-0.006	-0.025	0.005	0.272	-0.149	-0.27	-0.026	0.02	-0.155	-0.275	-0.032	0.01	0.037	-0.038	0.252	0.278	LPE(20:4)	Lysophosphatidy lethanolamine	LPE Ester
CR	AUC Insulin AUC	id_157	0.008	-0.012	0.026	0.274	-0.164	-0.278	-0.048	0.012	-0.155	-0.268	-0.037	0.014	-0.054	-0.298	0.089	0.288	LPC(17:0)	Lysophosphatidy choline	LPC Ester
CR	AUC Insulin AUC	id_378	-0.009	-0.031	0.008	0.274	-0.146	-0.272	-0.024	0.022	-0.155	-0.278	-0.036	0.012	0.059	-0.049	0.37	0.286	PE(O- 18:0/20:4)	Phosphatidyleth anolamine	PE Ether
CR	AUC Insulin AUC	id_241	-0.006	-0.025	0.006	0.29	-0.149	-0.268	-0.026	0.012	-0.155	-0.277	-0.033	0.008	0.041	-0.039	0.255	0.294	PC(16:0/18:2)	Phosphatidylchol ine	PC Ester Sphingomyeli n
CR	AUC Insulin AUC	id_448	-0.006	-0.04	0.007	0.292	-0.149	-0.26	-0.03	0.012	-0.155	-0.271	-0.038	0.01	0.041	-0.049	0.341	0.298	SM(14:0) TAG53:3-	Sphingolipids	
CR	AUC Insulin	id_755	-0.002	-0.043	0.004	0.296	-0.154	-0.273	-0.022	0.014	-0.155	-0.276	-0.031	0.006	0.011	-0.041	0.384	0.302	FA18:0	Triacylglycerol	TAG Ester

CR	Insulin AUC	id_425	-0.008	-0.023	0.008	0.296	-0.147	-0.278	-0.024	0.02	-0.155	-0.281	-0.035	0.01	0.052	-0.057	0.297	0.302	PE(P-18:2/20:4)	Phosphatidylethanolamine	PE Plasmalogen
CR	Insulin AUC	id_230	-0.007	-0.022	0.009	0.308	-0.148	-0.268	-0.03	0.008	-0.155	-0.274	-0.037	0.008	0.045	-0.083	0.215	0.316	PC(15:0/20:4)-TAG53:4-	Phosphatidylcholine	PC Ester
CR	Insulin AUC	id_760	-0.001	-0.044	0.003	0.308	-0.154	-0.281	-0.021	0.024	-0.155	-0.285	-0.033	0.022	0.009	-0.019	0.402	0.33	FA18:0-TAG55:6-	Triacylglycerol	TAG Ester
CR	Insulin AUC	id_857	-0.002	-0.037	0.007	0.31	-0.153	-0.268	-0.029	0.016	-0.155	-0.275	-0.035	0.012	0.012	-0.082	0.272	0.322	FA20:3-TAG53:5-	Triacylglycerol	TAG Ester
CR	Insulin AUC	id_765	-0.001	-0.039	0.003	0.314	-0.154	-0.273	-0.021	0.028	-0.155	-0.285	-0.025	0.018	0.009	-0.024	0.306	0.328	FA18:1	Triacylglycerol	TAG Ester
CR	Insulin AUC	id_129	0.005	-0.004	0.021	0.316	-0.16	-0.28	-0.045	0.008	-0.155	-0.274	-0.04	0.01	-0.03	-0.235	0.026	0.318	HCER(14:0)	Sphingolipids	Hexosylceramide
CR	Insulin AUC	id_116	0.009	-0.006	0.033	0.32	-0.164	-0.281	-0.03	0.018	-0.155	-0.271	-0.017	0.028	-0.056	-0.432	0.071	0.344	DCER(14:0)	Sphingolipids	Dihydroceramide
CR	Insulin AUC	id_359	-0.008	-0.023	0.009	0.324	-0.147	-0.269	-0.036	0.018	-0.155	-0.266	-0.044	0.012	0.052	-0.07	0.243	0.328	PE(18:2/16:1)	Phosphatidylethanolamine	PE Ester
CR	Insulin AUC	id_121	-0.004	-0.024	0.004	0.33	-0.151	-0.264	-0.029	0.022	-0.155	-0.267	-0.036	0.02	0.024	-0.044	0.226	0.35	DCER(20:1)	Sphingolipids	Dihydroceramide
CR	Insulin AUC	id_135	0.004	-0.005	0.015	0.364	-0.159	-0.275	-0.037	0.006	-0.155	-0.271	-0.034	0.008	-0.027	-0.141	0.053	0.372	HCER(22:0)-TAG57:9-	Sphingolipids	Hexosylceramide
CR	Insulin AUC	id_939	-0.002	-0.027	0.011	0.372	-0.153	-0.279	-0.023	0.014	-0.155	-0.284	-0.028	0.012	0.012	-0.107	0.213	0.376	FA22:6-DAG(14:1/16:0)	Triacylglycerol	TAG Ester
CR	Insulin AUC	id_071	0.01	-0.008	0.036	0.374	-0.165	-0.298	-0.052	0.008	-0.155	-0.289	-0.037	0.012	-0.064	-0.407	0.071	0.382	0)	Diacylglycerol	DAG Ester
CR	Insulin AUC	id_862	-0.001	-0.035	0.004	0.376	-0.154	-0.26	-0.028	0.008	-0.155	-0.275	-0.035	0.004	0.008	-0.031	0.281	0.376	FA20:4-TAG55:7-	Triacylglycerol	TAG Ester
CR	Insulin AUC	id_279	0.004	-0.006	0.017	0.388	-0.16	-0.277	-0.033	0.018	-0.155	-0.276	-0.029	0.02	-0.029	-0.199	0.05	0.396	PC(18:1/18:2)-TAG55:7-	Phosphatidylcholine	PC Ester
CR	Insulin AUC	id_861	-0.001	-0.028	0.003	0.42	-0.154	-0.266	-0.018	0.022	-0.155	-0.27	-0.023	0.02	0.007	-0.022	0.248	0.432	FA20:3	Triacylglycerol	TAG Ester
CR	Insulin	id_284	-0.005	-0.027	0.012	0.478	-0.15	-0.272	-0.024	0.02	-0.155	-0.272	-0.031	0.014	0.033	-0.089	0.274	0.48	PC(18:1/20:4)	Phosphatidylcholine	PC Ester
CR	Insulin AUC	id_409	-0.007	-0.035	0.014	0.478	-0.149	-0.286	-0.017	0.03	-0.155	-0.286	-0.033	0.012	0.043	-0.099	0.43	0.482	PE(P-18:0/22:5)	Phosphatidylethanolamine	PE Plasmalogen
CR	Insulin AUC	id_149	-0.008	-0.035	0.012	0.482	-0.147	-0.27	-0.035	0.006	-0.155	-0.28	-0.039	0.004	0.051	-0.129	0.243	0.478	LCER(24:0)	Sphingolipids	Lactosylceramide
CR	Insulin	id_039	-0.004	-0.019	0.006	0.488	-0.152	-0.276	-0.022	0.026	-0.155	-0.278	-0.026	0.028	0.023	-0.042	0.2	0.496	CE(22:1)	Cholesterol Ester	CE Ester

CR	AUC Insulin AUC	id_046	-0.004	-0.032	0.011	0.508	-0.151	-0.264	-0.02	0.028	-0.155	-0.268	-0.031	0.024	0.025	-0.099	0.323	0.532	CER(14:0)	Sphingolipids	Ceramide
CR	AUC Insulin AUC	id_366	-0.005	-0.023	0.009	0.514	-0.15	-0.277	-0.02	0.018	-0.155	-0.273	-0.029	0.014	0.034	-0.069	0.279	0.52	PE(O-16:0/18:2)	Phosphatidylethanolamine	PE Ether
CR	AUC Insulin AUC	id_288	0.004	-0.008	0.02	0.532	-0.159	-0.277	-0.033	0.014	-0.155	-0.276	-0.034	0.016	-0.025	-0.184	0.08	0.54	PC(18:1/22:6)	Phosphatidylcholine	PC Ester
CR	AUC Insulin AUC	id_414	0.003	-0.005	0.021	0.536	-0.159	-0.278	-0.041	0.002	-0.155	-0.278	-0.039	0.004	-0.022	-0.199	0.046	0.54	PE(P-18:1/18:1)	Phosphatidylethanolamine	PE Plasmalogen
CR	AUC Insulin AUC	id_457	-0.003	-0.014	0.01	0.538	-0.152	-0.28	-0.034	0.016	-0.155	-0.282	-0.036	0.016	0.022	-0.088	0.143	0.546	SM(24:1)	Sphingolipids	Sphingomyelin
CR	AUC Insulin AUC	id_201	-0.003	-0.017	0.009	0.546	-0.152	-0.272	-0.035	0.022	-0.155	-0.271	-0.04	0.016	0.021	-0.085	0.175	0.554	MAG(20:3)	MAG	Ester
CR	AUC Insulin AUC	id_208	0.003	-0.012	0.009	0.55	-0.158	-0.275	-0.032	0.016	-0.155	-0.273	-0.03	0.016	-0.018	-0.1	0.103	0.562	MAG(22:5)	MAG	Ester
CR	AUC Insulin AUC	id_199	-0.005	-0.023	0.017	0.56	-0.15	-0.268	-0.027	0.016	-0.155	-0.273	-0.029	0.014	0.034	-0.169	0.237	0.562	MAG(20:1)	MAG	Ester
CR	AUC Insulin AUC	id_060	0.007	-0.012	0.03	0.568	-0.162	-0.281	-0.045	0.006	-0.155	-0.277	-0.037	0.012	-0.043	-0.385	0.133	0.58	DAG(12:0/18:1)	Diacylglycerol	DAG Ester
CR	AUC Insulin AUC	id_117	-0.003	-0.02	0.01	0.598	-0.153	-0.275	-0.03	0.018	-0.155	-0.278	-0.03	0.012	0.017	-0.093	0.177	0.61	DCER(16:0)	Sphingolipids	Dihydroceramide
CR	AUC Insulin AUC	id_195	-0.003	-0.011	0.017	0.602	-0.152	-0.277	-0.033	0.01	-0.155	-0.277	-0.035	0.01	0.02	-0.141	0.103	0.612	MAG(18:2)	MAG	Ester
CR	AUC Insulin AUC	id_057	-0.003	-0.018	0.009	0.61	-0.152	-0.281	-0.031	0.014	-0.155	-0.281	-0.032	0.012	0.019	-0.075	0.147	0.606	CER(26:1)	Sphingolipids	Ceramide
CR	AUC Insulin AUC	id_453	-0.003	-0.02	0.01	0.614	-0.153	-0.278	-0.014	0.028	-0.155	-0.279	-0.022	0.018	0.017	-0.103	0.25	0.632	SM(20:1)	Sphingolipids	Sphingomyelin
CR	AUC Insulin AUC	id_983	-0.003	-0.029	0.008	0.618	-0.152	-0.275	-0.021	0.022	-0.155	-0.28	-0.027	0.016	0.019	-0.076	0.224	0.63	Total LCER	Sphingolipid SUM	Lactosylceramides
CR	AUC Insulin AUC	id_045	-0.003	-0.012	0.013	0.622	-0.152	-0.272	-0.026	0.016	-0.155	-0.275	-0.026	0.016	0.021	-0.103	0.132	0.63	CE(24:1)	Cholesterol Ester	CE Ester
CR	AUC Insulin AUC	id_137	0.003	-0.009	0.01	0.624	-0.158	-0.277	-0.025	0.022	-0.155	-0.275	-0.027	0.022	-0.017	-0.108	0.09	0.63	HCER(24:0)	Sphingolipids	Hexosylceramide
CR	AUC Insulin AUC	id_142	-0.004	-0.025	0.007	0.624	-0.152	-0.267	-0.028	0.01	-0.155	-0.273	-0.032	0.012	0.024	-0.062	0.197	0.628	LCER(16:0)	Sphingolipids	Lactosylceramide
CR	AUC Insulin AUC	id_298	0.002	-0.007	0.014	0.628	-0.157	-0.282	-0.037	0.012	-0.155	-0.278	-0.035	0.012	-0.014	-0.119	0.07	0.636	PC(18:2/22:5)	Phosphatidylcholine	PC Ester
CR	AUC Insulin AUC	id_982	0.002	-0.008	0.011	0.634	-0.157	-0.271	-0.03	0.018	-0.155	-0.27	-0.03	0.016	-0.014	-0.104	0.079	0.634	Total HCER	Sphingolipid SUM	Hexosylceramides
CR	AUC Insulin AUC	id_769	-0.001	-0.018	0.006	0.636	-0.154	-0.289	-0.032	0.02	-0.155	-0.289	-0.035	0.02	0.005	-0.059	0.133	0.656	FA18:1	Triacylglycerol	TAG Ester

CR	AUC Insulin AUC	id_209	-0.003	-0.011	0.015	0.654	-0.153	-0.272	-0.033	0.02	-0.155	-0.274	-0.035	0.018	0.016	-0.121	0.123	0.668	MAG(22:6) DAG(14:1/18:1)	MAG	Ester
CR	AUC Insulin AUC	id_072	0.003	-0.008	0.016	0.66	-0.158	-0.288	-0.035	0.016	-0.155	-0.286	-0.034	0.016	-0.02	-0.151	0.08	0.664	Diacylglycerol	DAG Ester	Hexosylceramide
CR	AUC Insulin AUC	id_131	0.001	-0.007	0.014	0.668	-0.157	-0.282	-0.028	0.012	-0.155	-0.28	-0.029	0.012	-0.009	-0.116	0.06	0.668	HCER(18:0)	Sphingolipids	
CR	AUC Insulin AUC	id_396	-0.003	-0.015	0.016	0.67	-0.152	-0.279	-0.03	0.01	-0.155	-0.281	-0.031	0.008	0.02	-0.171	0.155	0.67	PE(P-16:0/22:6) PE(O-18:0/22:5)	Phosphatidylethanolamine	PE Plasmalogen
CR	AUC Insulin AUC	id_381	-0.004	-0.031	0.014	0.672	-0.151	-0.274	-0.017	0.034	-0.155	-0.274	-0.028	0.02	0.026	-0.106	0.361	0.676	Phosphatidylethanolamine	PE Ether	
CR	AUC Insulin AUC	id_386	-0.002	-0.015	0.01	0.674	-0.153	-0.274	-0.028	0.014	-0.155	-0.273	-0.038	0.012	0.015	-0.076	0.198	0.686	PE(P-16:0/18:1) HCER(20:0)	Phosphatidylethanolamine	PE Plasmalogen Hexosylceramide
CR	AUC Insulin AUC	id_133	0.002	-0.014	0.008	0.68	-0.157	-0.279	-0.035	0.014	-0.155	-0.277	-0.035	0.012	-0.012	-0.077	0.125	0.684	Sphingolipids		
CR	AUC Insulin AUC	id_047	-0.002	-0.022	0.013	0.7	-0.153	-0.276	-0.032	0.016	-0.155	-0.275	-0.039	0.016	0.012	-0.106	0.203	0.712	CER(16:0)	Sphingolipids	Ceramide
CR	AUC Insulin AUC	id_289	-0.003	-0.027	0.015	0.71	-0.153	-0.273	-0.03	0.022	-0.155	-0.274	-0.033	0.012	0.016	-0.154	0.25	0.722	PC(18:2/16:1) ine	Phosphatidylcholine	PC Ester Lactosylceramide
CR	AUC Insulin AUC	id_144	-0.002	-0.012	0.008	0.712	-0.153	-0.272	-0.038	0.014	-0.155	-0.274	-0.036	0.012	0.012	-0.067	0.109	0.716	LCER(18:1)	Sphingolipids	
CR	AUC Insulin AUC	id_422	-0.003	-0.025	0.013	0.714	-0.152	-0.271	-0.027	0.006	-0.155	-0.27	-0.035	0.004	0.018	-0.099	0.281	0.718	PE(P-18:1/22:5) MAG(22:0)	Phosphatidylethanolamine	PE Plasmalogen
CR	AUC Insulin AUC	id_204	0.001	-0.005	0.01	0.718	-0.156	-0.273	-0.038	0.012	-0.155	-0.273	-0.037	0.012	-0.005	-0.071	0.055	0.714	MAG(22:0)	MAG	Ester
CR	AUC Insulin AUC	id_186	-0.002	-0.012	0.009	0.72	-0.153	-0.279	-0.024	0.018	-0.155	-0.28	-0.028	0.016	0.012	-0.077	0.116	0.728	MAG(12:0)	MAG	Ester Hexosylceramide
CR	AUC Insulin AUC	id_132	-0.002	-0.023	0.011	0.73	-0.154	-0.275	-0.029	0.014	-0.155	-0.276	-0.03	0.016	0.01	-0.094	0.198	0.734	HCER(18:1)	Sphingolipids	
CR	AUC Insulin AUC	id_044	-0.002	-0.014	0.008	0.734	-0.153	-0.271	-0.025	0.018	-0.155	-0.272	-0.032	0.016	0.012	-0.07	0.154	0.73	CE(24:0)	Cholesterol Ester	CE Ester Lactosylceramide
CR	AUC Insulin AUC	id_146	-0.003	-0.012	0.015	0.75	-0.153	-0.284	-0.031	0.018	-0.155	-0.283	-0.029	0.022	0.016	-0.144	0.115	0.752	LCER(20:1)	Sphingolipids	
CR	AUC Insulin AUC	id_424	-0.002	-0.013	0.01	0.756	-0.153	-0.269	-0.034	0.012	-0.155	-0.272	-0.034	0.006	0.014	-0.097	0.105	0.754	PE(P-18:2/18:2) LCER(22:0)	Phosphatidylethanolamine	PE Plasmalogen Lactosylceramide
CR	AUC Insulin AUC	id_147	0.002	-0.012	0.017	0.758	-0.157	-0.277	-0.035	0.016	-0.155	-0.278	-0.031	0.018	-0.011	-0.196	0.089	0.76	LCER(22:0)	Sphingolipids	

CR	AUC Insulin AUC	id_332	-0.003	-0.011	0.015	0.768	-0.153	-0.279	-0.037	0.01	-0.155	-0.278	-0.035	0.006	0.016	-0.125	0.12	0.774	PE(18:0/18:0)	Phosphatidylethanolamine	PE Ester Sphingomyelin
CR	Insulin AUC	id_458	-0.002	-0.007	0.007	0.77	-0.154	-0.274	-0.035	0.008	-0.155	-0.274	-0.039	0.008	0.01	-0.059	0.083	0.766	SM(26:0)	Sphingolipids	
CR	AUC Insulin AUC	id_401	0.001	-0.008	0.015	0.778	-0.156	-0.279	-0.027	0.01	-0.155	-0.277	-0.029	0.01	-0.008	-0.118	0.094	0.78	PE(P-18:0/18:1)	Phosphatidylethanolamine	PE Plasmalogen Lactosylceramide
CR	Insulin AUC	id_152	0.001	-0.009	0.019	0.79	-0.156	-0.273	-0.036	0.012	-0.155	-0.273	-0.036	0.014	-0.005	-0.173	0.069	0.804	LCER(26:1)	Sphingolipids	
CR	Insulin AUC	id_449	-0.001	-0.01	0.006	0.8	-0.154	-0.267	-0.033	0.02	-0.155	-0.267	-0.034	0.022	0.007	-0.048	0.104	0.81	SM(16:0)	Sphingolipids	n Hexosylceramide
CR	Insulin AUC	id_130	-0.001	-0.011	0.008	0.818	-0.155	-0.278	-0.032	0.008	-0.155	-0.278	-0.034	0.006	0.004	-0.059	0.13	0.82	HCER(16:0)	Sphingolipids	ide
CR	Insulin AUC	id_382	0	-0.01	0.01	0.818	-0.156	-0.283	-0.034	0.01	-0.155	-0.281	-0.032	0.01	-0.002	-0.075	0.076	0.82	PE(O-18:0/22:6)	Phosphatidylethanolamine	PE Ether Dihydroceramide
CR	Insulin AUC	id_128	0.001	-0.006	0.012	0.82	-0.156	-0.279	-0.034	0.004	-0.155	-0.276	-0.033	0.004	-0.004	-0.116	0.051	0.82	DCER(26:1)	Sphingolipids	ide
CR	AUC Insulin AUC	id_387	-0.002	-0.014	0.012	0.83	-0.153	-0.277	-0.037	0.006	-0.155	-0.276	-0.038	0.004	0.013	-0.087	0.134	0.83	PE(P-16:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen Hexosylceramide
CR	Insulin AUC	id_139	0.001	-0.007	0.007	0.842	-0.156	-0.279	-0.025	0.016	-0.155	-0.28	-0.024	0.018	-0.003	-0.057	0.066	0.844	HCER(26:0)	Sphingolipids	ide
CR	Insulin AUC	id_188	-0.002	-0.009	0.03	0.842	-0.153	-0.274	-0.03	0.01	-0.155	-0.276	-0.03	0.01	0.012	-0.289	0.076	0.852	MAG(14:1)	MAG	Ester
CR	Insulin AUC	id_372	0	-0.007	0.018	0.85	-0.156	-0.282	-0.037	0.01	-0.155	-0.278	-0.033	0.01	-0.002	-0.193	0.058	0.848	PE(O-16:0/22:6)	Phosphatidylethanolamine	PE Ether
CR	Insulin AUC	id_189	0.001	-0.009	0.016	0.858	-0.156	-0.28	-0.032	0.012	-0.155	-0.275	-0.031	0.02	-0.007	-0.113	0.093	0.874	MAG(15:0)	MAG	Ester
CR	Insulin AUC	id_293	0.001	-0.009	0.014	0.862	-0.156	-0.278	-0.034	0.008	-0.155	-0.275	-0.034	0.006	-0.007	-0.108	0.092	0.864	PC(18:2/20:2)	Phosphatidylcholine	PC Ester
CR	AUC Insulin AUC	id_398	0	-0.01	0.014	0.884	-0.156	-0.274	-0.034	0.016	-0.155	-0.27	-0.035	0.016	-0.002	-0.133	0.099	0.88	PE(P-18:0/16:0)	Phosphatidylethanolamine	PE Plasmalogen
CR	AUC Insulin AUC	id_410	0	-0.007	0.014	0.89	-0.155	-0.278	-0.032	0.018	-0.155	-0.274	-0.032	0.018	0.001	-0.151	0.087	0.884	PE(P-18:0/22:6)	Phosphatidylethanolamine	PE Plasmalogen Lactosylceramide
CR	Insulin AUC	id_151	0	-0.014	0.012	0.898	-0.155	-0.268	-0.043	0.006	-0.155	-0.266	-0.043	0.006	0.002	-0.082	0.129	0.904	LCER(26:0)	Sphingolipids	
CR	AUC Insulin AUC	id_402	0	-0.01	0.022	0.9	-0.155	-0.282	-0.04	0.01	-0.155	-0.279	-0.039	0.008	-0.002	-0.161	0.1	0.896	PE(P-18:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen

CR	Insulin AUC	id_170	-0.001	-0.02	0.008	0.92	-0.155	-0.27	-0.031	0.014	-0.155	-0.269	-0.032	0.01	0.005	-0.076	0.191	0.918	LPC(22:6)	Lysophosphatidylcholine	LPC Ester
CR	Insulin AUC	id_043	0	-0.009	0.016	0.924	-0.155	-0.275	-0.028	0.014	-0.155	-0.273	-0.026	0.016	0.003	-0.157	0.089	0.928	CE(22:6)	Cholesterol Ester	CE Ester
CR	Insulin AUC	id_251	0	-0.009	0.014	0.94	-0.155	-0.278	-0.026	0.02	-0.155	-0.276	-0.027	0.022	-0.001	-0.151	0.111	0.95	PC(16:0/22:6)	Phosphatidylcholine	PC Ester
CR	Insulin AUC	id_411	0.001	-0.007	0.01	0.942	-0.156	-0.273	-0.032	0.02	-0.155	-0.272	-0.034	0.018	-0.004	-0.081	0.072	0.936	PE(P-18:1/16:0)	Phosphatidylethanolamine	PE Plasmalogen
CR	Insulin AUC	id_415	0	-0.012	0.023	0.942	-0.155	-0.284	-0.031	0.01	-0.155	-0.283	-0.032	0.008	0.001	-0.225	0.112	0.942	PE(P-18:1/18:2)	Phosphatidylethanolamine	PE Plasmalogen
CR	Insulin AUC	id_459	-0.001	-0.006	0.014	0.946	-0.155	-0.275	-0.018	0.026	-0.155	-0.274	-0.019	0.026	0.004	-0.118	0.074	0.956	SM(26:1)	Sphingolipids	Sphingomyelin
CR	Insulin AUC	id_141	0.002	-0.025	0.023	0.948	-0.157	-0.278	-0.026	0.018	-0.155	-0.278	-0.024	0.024	-0.01	-0.303	0.246	0.956	LCER(14:0)	Sphingolipids	Lactosylceramide
CR	Insulin AUC	id_354	0	-0.01	0.007	0.95	-0.156	-0.275	-0.03	0.022	-0.155	-0.276	-0.031	0.022	-0.002	-0.062	0.093	0.952	PE(18:1/22:0)	Phosphatidylethanolamine	PE Ester
CR	Insulin AUC	id_160	0.001	-0.031	0.013	0.956	-0.156	-0.28	-0.03	0.006	-0.155	-0.279	-0.031	0.006	-0.007	-0.136	0.267	0.958	LPC(18:2)	Lysophosphatidylcholine	LPC Ester
CR	Insulin AUC	id_423	0	-0.009	0.011	0.958	-0.155	-0.282	-0.033	0.014	-0.155	-0.282	-0.032	0.014	0.002	-0.102	0.082	0.96	PE(P-18:1/22:6)	Phosphatidylethanolamine	PE Plasmalogen
CR	Insulin AUC	id_200	0	-0.018	0.017	0.962	-0.155	-0.28	-0.028	0.018	-0.155	-0.281	-0.027	0.016	0.003	-0.199	0.16	0.966	MAG(20:2)	MAG	Ester
CR	Insulin AUC	id_205	-0.001	-0.006	0.017	0.97	-0.155	-0.281	-0.036	0.008	-0.155	-0.279	-0.04	0.008	0.004	-0.148	0.061	0.962	MAG(22:1)	MAG	Ester
CR	Insulin AUC	id_138	0	-0.013	0.009	0.972	-0.155	-0.28	-0.028	0.01	-0.155	-0.279	-0.031	0.008	0	-0.085	0.113	0.972	HCER(24:1)	Sphingolipids	Hexosylceramide
CR	Insulin AUC	id_148	0	-0.022	0.017	0.976	-0.155	-0.268	-0.041	0.012	-0.155	-0.271	-0.035	0.014	0.001	-0.158	0.18	0.97	LCER(22:1)	Sphingolipids	Lactosylceramide
CR	Insulin AUC	id_254	0	-0.008	0.009	0.986	-0.155	-0.279	-0.034	0.012	-0.155	-0.275	-0.036	0.012	0.002	-0.086	0.073	0.974	PC(17:0/18:2)	Phosphatidylcholine	PC Ester
CR	Insulin AUC	id_203	0	-0.005	0.026	0.998	-0.155	-0.278	-0.027	0.016	-0.155	-0.279	-0.028	0.018	0.003	-0.322	0.057	1	MAG(20:5)	MAG	Ester
AL	Insulin AUC	id_023	-0.012	-0.055	0.022	0.522	0.142	-0.051	0.361	0.142	0.13	-0.056	0.356	0.196	-0.092	-1.714	1.842	0.662	CE(15:0)	Cholesterol Ester	CE Ester
AL	Insulin AUC	id_024	0.007	-0.057	0.067	0.814	0.123	-0.078	0.307	0.192	0.13	-0.083	0.323	0.184	0.057	-1.336	1.34	0.762	CE(16:0)	Cholesterol Ester	CE Ester
AL	Insulin AUC	id_026	-0.02	-0.079	0.021	0.344	0.15	-0.048	0.344	0.166	0.13	-0.068	0.324	0.246	-0.154	-2.207	2.441	0.542	CE(17:0)	Cholesterol Ester	CE Ester

AL	Insulin AUC	id_027	-0.021	-0.083	0.019	0.356	0.151	-0.041	0.353	0.106	0.13	-0.064	0.322	0.18	-0.163	-2.554	1.633	0.504	CE(18:0)	Cholesterol Ester	CE Ester
AL	Insulin AUC	id_028	0	-0.057	0.051	0.97	0.131	-0.071	0.318	0.166	0.13	-0.077	0.325	0.198	-0.004	-1.364	1.084	0.956	CE(18:1)	Cholesterol Ester	CE Ester
AL	Insulin AUC	id_029	0.009	-0.053	0.07	0.784	0.121	-0.064	0.319	0.212	0.13	-0.069	0.331	0.206	0.069	-1.487	1.415	0.706	CE(18:2)	Cholesterol Ester	CE Ester
AL	Insulin AUC	id_033	-0.01	-0.045	0.015	0.402	0.14	-0.072	0.347	0.178	0.13	-0.075	0.329	0.194	-0.074	-0.815	0.649	0.504	CE(20:1)	Cholesterol Ester	CE Ester
AL	Insulin AUC	id_034	0	-0.064	0.061	0.98	0.13	-0.063	0.329	0.18	0.13	-0.073	0.329	0.218	-0.002	-2.068	1.464	0.938	CE(20:2)	Cholesterol Ester	CE Ester
AL	Insulin AUC	id_035	0.007	-0.06	0.074	0.83	0.123	-0.057	0.324	0.176	0.13	-0.065	0.346	0.166	0.054	-1.987	1.83	0.784	CE(20:3)	Cholesterol Ester	CE Ester
AL	Insulin AUC	id_036	0.019	-0.045	0.087	0.522	0.111	-0.068	0.302	0.248	0.13	-0.069	0.336	0.196	0.147	-1.392	1.72	0.502	CE(20:4)	Cholesterol Ester	CE Ester
AL	Insulin AUC	id_041	0.001	-0.047	0.041	0.962	0.129	-0.09	0.334	0.226	0.13	-0.086	0.325	0.25	0.006	-0.846	1.349	0.904	CE(22:4)	Cholesterol Ester	CE Ester
AL	Insulin AUC	id_042	0.023	-0.027	0.078	0.378	0.107	-0.1	0.294	0.27	0.13	-0.08	0.322	0.206	0.177	-1.142	1.744	0.448	CE(22:5)	Cholesterol Ester	CE Ester
AL	Insulin AUC	id_043	0.015	-0.024	0.062	0.412	0.115	-0.086	0.325	0.29	0.13	-0.082	0.337	0.22	0.115	-0.882	1.55	0.488	CE(22:6)	Cholesterol Ester	CE Ester
AL	Insulin AUC	id_044	-0.013	-0.044	0.026	0.382	0.143	-0.067	0.334	0.148	0.13	-0.077	0.321	0.192	-0.102	-1.36	0.826	0.526	CE(24:0)	Cholesterol Ester	CE Ester
AL	Insulin AUC	id_045	-0.014	-0.047	0.017	0.366	0.144	-0.061	0.336	0.166	0.13	-0.075	0.325	0.208	-0.11	-1.226	0.974	0.51	CE(24:1)	Cholesterol Ester	CE Ester
AL	Insulin AUC	id_046	-0.006	-0.04	0.019	0.61	0.136	-0.064	0.344	0.176	0.13	-0.073	0.337	0.198	-0.047	-1.028	0.907	0.72	CER(14:0)	Sphingolipids	Ceramide
AL	Insulin AUC	id_047	-0.002	-0.047	0.033	0.856	0.132	-0.075	0.324	0.174	0.13	-0.088	0.33	0.18	-0.013	-0.902	0.648	0.952	CER(16:0)	Sphingolipids	Ceramide
AL	Insulin AUC	id_048	-0.026	-0.127	0.044	0.514	0.156	-0.042	0.337	0.124	0.13	-0.088	0.325	0.222	-0.196	-4.333	3.128	0.7	CER(18:0)	Sphingolipids	Ceramide
AL	Insulin AUC	id_049	-0.022	-0.083	0.006	0.188	0.152	-0.056	0.371	0.142	0.13	-0.078	0.346	0.184	-0.171	-2.929	0.893	0.332	CER(18:1)	Sphingolipids	Ceramide
AL	Insulin AUC	id_050	-0.021	-0.11	0.06	0.62	0.151	-0.015	0.347	0.082	0.13	-0.044	0.344	0.162	-0.163	-3.147	2.673	0.746	CER(20:0)	Sphingolipids	Ceramide
AL	Insulin AUC	id_051	-0.011	-0.063	0.031	0.622	0.141	-0.069	0.334	0.18	0.13	-0.08	0.339	0.204	-0.082	-1.686	1.061	0.73	CER(20:1)	Sphingolipids	Ceramide
AL	Insulin AUC	id_052	-0.002	-0.069	0.061	0.908	0.132	-0.067	0.315	0.18	0.13	-0.081	0.318	0.22	-0.015	-1.659	1.916	0.984	CER(22:0)	Sphingolipids	Ceramide
AL	Insulin AUC	id_053	-0.073	-0.174	0	0.048	0.203	0.015	0.379	0.04	0.13	-0.06	0.325	0.206	-0.558	-7.768	5.259	0.254	CER(22:1)	Sphingolipids	Ceramide

AL	AUC Insulin	id_054	0.002	-0.056	0.054	0.95	0.128	-0.054	0.332	0.164	0.13	-0.064	0.337	0.19	0.013	-1.948	1.063	0.872	CER(24:0)	Sphingolipids	Ceramide
AL	AUC Insulin	id_055	0	-0.059	0.053	0.984	0.13	-0.068	0.321	0.16	0.13	-0.066	0.333	0.164	0.002	-1.329	0.77	0.944	CER(24:1)	Sphingolipids	Ceramide
AL	AUC Insulin	id_057	-0.004	-0.061	0.051	0.86	0.134	-0.055	0.342	0.198	0.13	-0.063	0.354	0.224	-0.033	-1.604	1.538	0.976	CER(26:1)	Sphingolipids	Ceramide
AL	AUC Insulin	id_116	-0.002	-0.039	0.044	0.95	0.132	-0.054	0.323	0.142	0.13	-0.056	0.325	0.16	-0.016	-0.894	0.641	0.994	DCER(14:0)	Sphingolipids	Dihydroceramide
AL	AUC Insulin	id_117	0.005	-0.046	0.043	0.858	0.125	-0.07	0.323	0.24	0.13	-0.067	0.327	0.24	0.037	-1.019	0.868	0.81	DCER(16:0)	Sphingolipids	Dihydroceramide
AL	AUC Insulin	id_118	-0.011	-0.081	0.043	0.66	0.141	-0.065	0.328	0.188	0.13	-0.078	0.314	0.23	-0.084	-2.672	1.374	0.778	DCER(18:0)	Sphingolipids	Dihydroceramide
AL	AUC Insulin	id_119	0.007	-0.023	0.038	0.604	0.123	-0.063	0.322	0.18	0.13	-0.056	0.326	0.178	0.056	-0.598	0.57	0.658	DCER(18:1)	Sphingolipids	Dihydroceramide
AL	AUC Insulin	id_120	-0.007	-0.069	0.048	0.8	0.137	-0.059	0.344	0.162	0.13	-0.073	0.342	0.194	-0.053	-1.774	1.541	0.886	DCER(20:0)	Sphingolipids	Dihydroceramide
AL	AUC Insulin	id_121	0.002	-0.04	0.025	0.98	0.128	-0.077	0.335	0.214	0.13	-0.069	0.333	0.23	0.018	-0.881	0.7	0.954	DCER(20:1)	Sphingolipids	Dihydroceramide
AL	AUC Insulin	id_122	-0.006	-0.074	0.055	0.84	0.136	-0.057	0.338	0.17	0.13	-0.072	0.344	0.21	-0.042	-1.79	1.923	0.962	DCER(22:0)	Sphingolipids	Dihydroceramide
AL	AUC Insulin	id_123	-0.007	-0.066	0.034	0.762	0.137	-0.06	0.343	0.188	0.13	-0.068	0.341	0.222	-0.054	-1.254	1.626	0.896	DCER(22:1)	Sphingolipids	Dihydroceramide
AL	AUC Insulin	id_124	-0.004	-0.061	0.039	0.864	0.134	-0.067	0.336	0.192	0.13	-0.076	0.338	0.232	-0.029	-1.681	1.384	0.988	DCER(22:2)	Sphingolipids	Dihydroceramide
AL	AUC Insulin	id_125	0.002	-0.056	0.062	0.916	0.128	-0.06	0.315	0.186	0.13	-0.068	0.334	0.19	0.016	-1.186	1.345	0.878	DCER(24:0)	Sphingolipids	Dihydroceramide
AL	AUC Insulin	id_126	-0.018	-0.085	0.031	0.526	0.148	-0.04	0.347	0.138	0.13	-0.058	0.324	0.216	-0.136	-2.128	2.231	0.702	DCER(24:1)	Sphingolipids	Dihydroceramide
AL	AUC Insulin	id_128	0.001	-0.02	0.028	0.92	0.129	-0.084	0.328	0.246	0.13	-0.079	0.331	0.234	0.008	-0.637	0.96	0.938	DCER(26:1)	Sphingolipids	Dihydroceramide
AL	AUC Insulin	id_129	0	-0.018	0.017	0.98	0.13	-0.071	0.312	0.216	0.13	-0.075	0.31	0.218	0	-0.265	0.284	0.962	HCER(14:0)	Sphingolipids	Hexosylceramide
AL	AUC Insulin	id_130	0	-0.016	0.019	0.936	0.13	-0.07	0.327	0.226	0.13	-0.076	0.331	0.214	0	-0.433	0.306	0.982	HCER(16:0)	Sphingolipids	Hexosylceramide
AL	AUC Insulin	id_131	0	-0.014	0.026	0.852	0.13	-0.076	0.33	0.234	0.13	-0.071	0.332	0.228	0.002	-0.648	0.388	0.9	HCER(18:0)	Sphingolipids	Hexosylceramide
AL	AUC Insulin	id_132	-0.016	-0.074	0.012	0.304	0.146	-0.057	0.359	0.168	0.13	-0.072	0.339	0.196	-0.123	-1.737	0.597	0.412	HCER(18:1)	Sphingolipids	Hexosylceramide
AL	Insulin	id_133	0.009	-0.014	0.042	0.514	0.122	-0.073	0.324	0.21	0.13	-0.062	0.334	0.19	0.066	-0.666	0.684	0.592	HCER(20:0)	Sphingolipids	ide

AL	AUC Insulin AUC	id_134	-0.011	-0.057	0.024	0.512	0.141	-0.047	0.364	0.156	0.13	-0.058	0.356	0.194	-0.085	-1.711	1.433	0.63	HCER(20:1)	Sphingolipids	Hexosylceramide
AL	AUC Insulin AUC	id_135	0.004	-0.038	0.037	0.876	0.127	-0.069	0.335	0.206	0.13	-0.078	0.332	0.196	0.027	-1.091	0.591	0.912	HCER(22:0)	Sphingolipids	Hexosylceramide
AL	AUC Insulin AUC	id_136	-0.002	-0.032	0.026	0.864	0.132	-0.056	0.336	0.19	0.13	-0.055	0.333	0.178	-0.017	-0.707	0.88	0.89	HCER(22:1)	Sphingolipids	Hexosylceramide
AL	AUC Insulin AUC	id_137	0.002	-0.024	0.03	0.92	0.128	-0.066	0.32	0.214	0.13	-0.066	0.323	0.202	0.019	-0.466	0.578	0.93	HCER(24:0)	Sphingolipids	Hexosylceramide
AL	AUC Insulin AUC	id_138	0.001	-0.015	0.024	0.914	0.129	-0.075	0.312	0.206	0.13	-0.075	0.315	0.198	0.005	-0.504	0.527	0.952	HCER(24:1)	Sphingolipids	Hexosylceramide
AL	AUC Insulin AUC	id_139	0.004	-0.028	0.039	0.87	0.126	-0.065	0.329	0.172	0.13	-0.068	0.33	0.17	0.03	-0.402	0.573	0.832	HCER(26:0)	Sphingolipids	Hexosylceramide
AL	AUC Insulin AUC	id_141	0.002	-0.033	0.03	0.902	0.128	-0.062	0.325	0.188	0.13	-0.057	0.328	0.18	0.017	-0.867	0.759	0.866	LCER(14:0)	Sphingolipids	Lactosylceramide
AL	AUC Insulin AUC	id_142	-0.006	-0.048	0.037	0.774	0.136	-0.052	0.331	0.172	0.13	-0.07	0.329	0.216	-0.044	-1.521	0.983	0.87	LCER(16:0)	Sphingolipids	Lactosylceramide
AL	AUC Insulin AUC	id_144	0	-0.025	0.018	0.86	0.13	-0.069	0.328	0.182	0.13	-0.062	0.328	0.184	0.001	-0.517	0.392	0.856	LCER(18:1)	Sphingolipids	Lactosylceramide
AL	AUC Insulin AUC	id_145	-0.003	-0.035	0.018	0.704	0.133	-0.081	0.334	0.254	0.13	-0.081	0.333	0.268	-0.024	-0.874	0.645	0.796	LCER(20:0)	Sphingolipids	Lactosylceramide
AL	AUC Insulin AUC	id_146	0	-0.024	0.015	0.852	0.13	-0.074	0.349	0.186	0.13	-0.08	0.345	0.184	0	-0.481	0.31	0.872	LCER(20:1)	Sphingolipids	Lactosylceramide
AL	AUC Insulin AUC	id_147	0.003	-0.033	0.028	0.932	0.127	-0.087	0.315	0.27	0.13	-0.08	0.321	0.266	0.023	-0.663	0.546	0.934	LCER(22:0)	Sphingolipids	Lactosylceramide
AL	AUC Insulin AUC	id_148	0.004	-0.029	0.042	0.848	0.126	-0.062	0.338	0.186	0.13	-0.054	0.345	0.18	0.031	-0.851	0.557	0.868	LCER(22:1)	Sphingolipids	Lactosylceramide
AL	AUC Insulin AUC	id_149	0.005	-0.038	0.05	0.824	0.125	-0.084	0.321	0.23	0.13	-0.083	0.325	0.21	0.037	-1.357	1.327	0.834	LCER(24:0)	Sphingolipids	Lactosylceramide
AL	AUC Insulin AUC	id_152	0.006	-0.016	0.042	0.602	0.124	-0.078	0.333	0.234	0.13	-0.069	0.336	0.214	0.044	-0.688	0.578	0.696	LCER(26:1)	Sphingolipids	Lactosylceramide
AL	AUC Insulin AUC	id_154	0.017	-0.019	0.067	0.358	0.113	-0.111	0.314	0.326	0.13	-0.07	0.331	0.224	0.131	-1.275	2.141	0.538	LPC(15:0)	Lysophosphatidylcholine	LPC Ester
AL	AUC Insulin AUC	id_157	-0.001	-0.049	0.041	0.982	0.131	-0.056	0.344	0.188	0.13	-0.061	0.343	0.204	-0.004	-0.889	1.092	0.946	LPC(17:0)	Lysophosphatidylcholine	LPC Ester
AL	AUC Insulin AUC	id_170	0	-0.019	0.02	0.976	0.13	-0.067	0.33	0.224	0.13	-0.065	0.325	0.222	-0.002	-0.355	0.321	0.95	LPC(22:6)	Lysophosphatidylcholine	LPC Ester
AL	AUC Insulin AUC	id_181	0.004	-0.015	0.036	0.654	0.126	-0.077	0.339	0.244	0.13	-0.067	0.338	0.21	0.032	-0.659	0.738	0.764	LPE(20:4)	Lysophosphatidylethanolamine	LPE Ester
AL	AUC Insulin AUC	id_186	0.003	-0.021	0.031	0.874	0.128	-0.053	0.346	0.172	0.13	-0.048	0.341	0.158	0.019	-0.443	0.479	0.9	MAG(12:0)	MAG	Ester

AL	AUC Insulin	id_188	-0.001	-0.026	0.019	0.894	0.131	-0.074	0.342	0.224	0.13	-0.072	0.335	0.226	-0.006	-0.58	0.459	0.876	MAG(14:1)	MAG	Ester
AL	AUC Insulin	id_189	-0.003	-0.03	0.022	0.902	0.133	-0.058	0.327	0.192	0.13	-0.059	0.323	0.198	-0.02	-0.486	0.624	0.932	MAG(15:0)	MAG	Ester
AL	AUC Insulin	id_195	0.016	-0.02	0.061	0.36	0.114	-0.075	0.317	0.266	0.13	-0.072	0.34	0.23	0.123	-0.749	0.883	0.442	MAG(18:2)	MAG	Ester
AL	AUC Insulin	id_203	0	-0.023	0.012	0.852	0.13	-0.055	0.328	0.178	0.13	-0.054	0.328	0.174	0	-0.49	0.377	0.878	MAG(20:5)	MAG	Ester
AL	AUC Insulin	id_204	0.003	-0.025	0.033	0.83	0.127	-0.074	0.327	0.218	0.13	-0.065	0.327	0.19	0.021	-0.488	0.67	0.876	MAG(22:0)	MAG	Ester
AL	AUC Insulin	id_205	-0.005	-0.038	0.021	0.66	0.136	-0.081	0.333	0.22	0.13	-0.089	0.332	0.226	-0.042	-0.757	0.577	0.774	MAG(22:1)	MAG	Ester
AL	AUC Insulin	id_208	0	-0.029	0.02	0.884	0.13	-0.072	0.33	0.19	0.13	-0.07	0.325	0.204	0.003	-0.32	0.355	0.908	MAG(22:5)	MAG	Ester
AL	AUC Insulin	id_209	-0.01	-0.062	0.018	0.488	0.14	-0.05	0.342	0.146	0.13	-0.059	0.328	0.19	-0.08	-1.314	1.268	0.614	MAG(22:6)	MAG	Ester
AL	AUC Insulin	id_228	-0.002	-0.027	0.023	0.888	0.132	-0.07	0.333	0.206	0.13	-0.069	0.326	0.21	-0.017	-0.586	0.586	0.914	PC(15:0/18:2)	Phosphatidylchol ine	PC Ester
AL	AUC Insulin	id_230	0.004	-0.045	0.058	0.846	0.126	-0.065	0.328	0.25	0.13	-0.06	0.342	0.226	0.03	-1.099	1.31	0.836	PC(15:0/20:4)	Phosphatidylchol ine	PC Ester
AL	AUC Insulin	id_241	0.004	-0.014	0.038	0.748	0.126	-0.075	0.331	0.212	0.13	-0.064	0.334	0.204	0.029	-0.711	0.595	0.796	PC(16:0/18:2)	Phosphatidylchol ine	PC Ester
AL	AUC Insulin	id_254	-0.002	-0.034	0.021	0.874	0.132	-0.073	0.344	0.198	0.13	-0.07	0.346	0.216	-0.013	-0.453	0.578	0.93	PC(17:0/18:2)	Phosphatidylchol ine	PC Ester
AL	AUC Insulin	id_257	0.01	-0.021	0.058	0.564	0.121	-0.074	0.327	0.212	0.13	-0.061	0.331	0.182	0.073	-0.933	0.948	0.618	PC(17:0/20:4)	Phosphatidylchol ine	PC Ester
AL	AUC Insulin	id_272	0.01	-0.055	0.08	0.738	0.12	-0.069	0.311	0.204	0.13	-0.073	0.321	0.18	0.075	-1.942	1.272	0.714	PC(18:0/20:4)	Phosphatidylchol ine	PC Ester
AL	AUC Insulin	id_279	-0.001	-0.026	0.013	0.818	0.131	-0.07	0.344	0.192	0.13	-0.064	0.339	0.192	-0.008	-0.483	0.337	0.806	PC(18:1/18:2)	Phosphatidylchol ine	PC Ester
AL	AUC Insulin	id_283	-0.015	-0.065	0.02	0.444	0.145	-0.05	0.355	0.13	0.13	-0.077	0.345	0.184	-0.113	-2.169	1.299	0.576	PC(18:1/20:3)	Phosphatidylchol ine	PC Ester
AL	AUC Insulin	id_284	0.002	-0.052	0.049	0.938	0.128	-0.083	0.323	0.212	0.13	-0.085	0.327	0.234	0.013	-1.282	1.294	0.88	PC(18:1/20:4)	Phosphatidylchol ine	PC Ester
AL	AUC Insulin	id_289	-0.001	-0.018	0.022	0.984	0.131	-0.062	0.324	0.204	0.13	-0.069	0.325	0.214	-0.004	-0.503	0.419	0.962	PC(18:2/16:1)	Phosphatidyleth anolamine	PC Ester
AL	AUC Insulin	id_354	-0.013	-0.061	0.014	0.434	0.143	-0.057	0.338	0.184	0.13	-0.068	0.323	0.224	-0.1	-1.755	1.047	0.582	PE(18:1/22:0)	Phosphatidyleth anolamine	PE Ester
AL	AUC Insulin	id_386	-0.011	-0.071	0.037	0.622	0.141	-0.059	0.335	0.164	0.13	-0.067	0.33	0.202	-0.087	-1.518	1.248	0.764	PE(P- 16:0/18:1)	Phosphatidyleth anolamine	PE Plasmalogen

AL	AUC Insulin	id_398	0.005	-0.046	0.051	0.844	0.126	-0.063	0.318	0.22	0.13	-0.058	0.326	0.222	0.035	-1.295	1.384	0.81	PE(P- 18:0/16:0)	Phosphatidyleth anolamine	PE Plasmalogen
AL	AUC Insulin	id_405	-0.01	-0.067	0.043	0.69	0.14	-0.045	0.338	0.14	0.13	-0.065	0.337	0.194	-0.075	-2.021	1.608	0.796	PE(P- 18:0/20:3)	Phosphatidyleth anolamine	PE Plasmalogen
AL	AUC Insulin	id_414	-0.003	-0.058	0.043	0.902	0.133	-0.07	0.332	0.21	0.13	-0.08	0.336	0.224	-0.025	-1.177	0.91	0.99	PE(P- 18:1/18:1)	Phosphatidyleth anolamine	PE Plasmalogen
AL	AUC Insulin	id_448	0.001	-0.049	0.045	0.952	0.129	-0.07	0.341	0.198	0.13	-0.083	0.339	0.21	0.006	-1.059	1.334	0.962	SM(14:0)	Sphingolipids	n Sphingomyeli
AL	AUC Insulin	id_449	0.001	-0.044	0.047	0.986	0.129	-0.096	0.312	0.204	0.13	-0.092	0.325	0.208	0.008	-1.021	0.844	0.958	SM(16:0)	Sphingolipids	n Sphingomyeli
AL	AUC Insulin	id_450	-0.003	-0.076	0.059	0.954	0.133	-0.071	0.326	0.192	0.13	-0.078	0.333	0.244	-0.021	-2.008	2.068	0.902	SM(18:0)	Sphingolipids	n Sphingomyeli
AL	AUC Insulin	id_451	0.005	-0.062	0.063	0.868	0.126	-0.062	0.345	0.186	0.13	-0.066	0.354	0.174	0.035	-1.354	1.69	0.83	SM(18:1)	Sphingolipids	n Sphingomyeli
AL	AUC Insulin	id_452	0.004	-0.016	0.042	0.714	0.126	-0.09	0.331	0.226	0.13	-0.082	0.338	0.206	0.033	-0.583	0.889	0.792	SM(20:0)	Sphingolipids	n Sphingomyeli
AL	AUC Insulin	id_453	0.006	-0.057	0.066	0.81	0.124	-0.064	0.31	0.202	0.13	-0.07	0.322	0.186	0.044	-1.096	1.794	0.74	SM(20:1)	Sphingolipids	n Sphingomyeli
AL	AUC Insulin	id_454	0.004	-0.024	0.038	0.79	0.126	-0.078	0.341	0.164	0.13	-0.077	0.349	0.16	0.033	-0.414	0.582	0.774	SM(22:0)	Sphingolipids	n Sphingomyeli
AL	AUC Insulin	id_455	0.022	-0.026	0.075	0.336	0.108	-0.101	0.316	0.29	0.13	-0.089	0.331	0.212	0.168	-1.973	1.983	0.432	SM(22:1)	Sphingolipids	n Sphingomyeli
AL	AUC Insulin	id_456	0.011	-0.05	0.071	0.67	0.119	-0.072	0.305	0.22	0.13	-0.075	0.326	0.204	0.083	-1.191	1.749	0.65	SM(24:0)	Sphingolipids	n Sphingomyeli
AL	AUC Insulin	id_457	0.012	-0.034	0.076	0.594	0.118	-0.089	0.312	0.258	0.13	-0.091	0.332	0.214	0.095	-0.855	1.464	0.588	SM(24:1)	Sphingolipids	n Sphingomyeli
AL	AUC Insulin	id_458	-0.003	-0.031	0.019	0.732	0.134	-0.065	0.32	0.19	0.13	-0.064	0.316	0.19	-0.027	-0.471	0.51	0.79	SM(26:0)	Sphingolipids	n Sphingomyeli
AL	AUC Insulin	id_459	-0.003	-0.038	0.035	0.876	0.133	-0.065	0.329	0.178	0.13	-0.07	0.327	0.192	-0.02	-0.835	0.651	0.924	SM(26:1)	Sphingolipids	n
AL	AUC Insulin	id_660	-0.025	-0.097	0.045	0.466	0.156	-0.041	0.342	0.122	0.13	-0.082	0.324	0.208	-0.196	-3.32	2.59	0.642	TAG51:3- FA16:0	Triacylglycerol	TAG Ester
AL	AUC Insulin	id_663	-0.008	-0.064	0.031	0.672	0.138	-0.05	0.349	0.146	0.13	-0.069	0.344	0.178	-0.061	-1.257	0.818	0.782	TAG51:3- FA18:1	Triacylglycerol	TAG Ester
AL	AUC Insulin	id_667	-0.016	-0.09	0.062	0.706	0.146	-0.032	0.347	0.106	0.13	-0.061	0.34	0.18	-0.12	-2.398	2.137	0.822	TAG51:4- FA16:0	Triacylglycerol	TAG Ester
AL	AUC Insulin	id_755	0.033	-0.018	0.101	0.196	0.097	-0.1	0.301	0.314	0.13	-0.075	0.34	0.208	0.257	-1.261	1.724	0.3	TAG53:3- FA18:0	Triacylglycerol	TAG Ester

AL	Insulin AUC	id_760	-0.017	-0.084	0.038	0.514	0.147	-0.035	0.347	0.126	0.13	-0.051	0.335	0.2	-0.13	-1.93	2.769	0.666	TAG53:4-FA18:0	Triacylglycerol	TAG Ester
AL	Insulin AUC	id_761	-0.004	-0.064	0.039	0.886	0.134	-0.061	0.331	0.2	0.13	-0.064	0.332	0.206	-0.027	-1.583	1.108	0.964	TAG53:4-FA18:1	Triacylglycerol	TAG Ester
AL	Insulin AUC	id_765	0.01	-0.035	0.06	0.64	0.12	-0.075	0.311	0.228	0.13	-0.062	0.337	0.206	0.078	-1.273	1.217	0.634	TAG53:5-FA18:1	Triacylglycerol	TAG Ester
AL	Insulin AUC	id_766	-0.002	-0.042	0.033	0.892	0.133	-0.075	0.313	0.2	0.13	-0.082	0.313	0.218	-0.018	-1.054	0.843	0.982	TAG53:5-FA18:2	Triacylglycerol	TAG Ester
AL	Insulin AUC	id_769	0.001	-0.033	0.027	0.994	0.129	-0.064	0.322	0.204	0.13	-0.068	0.324	0.204	0.011	-0.483	0.774	0.942	TAG53:6-FA18:1	Triacylglycerol	TAG Ester
AL	Insulin AUC	id_770	0.012	-0.037	0.069	0.592	0.118	-0.067	0.299	0.238	0.13	-0.063	0.328	0.184	0.096	-1.154	1.772	0.62	TAG53:6-FA18:2	Triacylglycerol	TAG Ester
AL	Insulin AUC	id_771	-0.002	-0.044	0.037	0.948	0.132	-0.076	0.343	0.194	0.13	-0.081	0.343	0.196	-0.012	-0.72	0.905	1	TAG53:6-FA18:3	Triacylglycerol	TAG Ester
AL	Insulin AUC	id_773	-0.008	-0.064	0.021	0.574	0.138	-0.074	0.347	0.22	0.13	-0.087	0.339	0.258	-0.058	-1.159	0.948	0.7	TAG53:7-FA18:3	Triacylglycerol	TAG Ester
AL	Insulin AUC	id_856	0.001	-0.042	0.046	0.942	0.129	-0.066	0.318	0.224	0.13	-0.073	0.324	0.228	0.01	-1.035	0.764	0.918	TAG55:6-FA18:1	Triacylglycerol	TAG Ester
AL	Insulin AUC	id_857	0	-0.022	0.019	0.962	0.13	-0.071	0.334	0.214	0.13	-0.065	0.334	0.212	-0.002	-0.323	0.421	0.974	TAG55:6-FA20:3	Triacylglycerol	TAG Ester
AL	Insulin AUC	id_860	-0.005	-0.075	0.044	0.818	0.135	-0.059	0.339	0.168	0.13	-0.077	0.333	0.19	-0.041	-1.937	1.07	0.904	TAG55:7-FA18:1	Triacylglycerol	TAG Ester
AL	Insulin AUC	id_861	0.007	-0.028	0.052	0.666	0.124	-0.083	0.304	0.244	0.13	-0.076	0.316	0.222	0.051	-1.069	0.894	0.68	TAG55:7-FA20:3	Triacylglycerol	TAG Ester
AL	Insulin AUC	id_862	-0.005	-0.042	0.028	0.796	0.135	-0.063	0.335	0.17	0.13	-0.07	0.338	0.198	-0.038	-1.624	0.604	0.878	TAG55:7-FA20:4	Triacylglycerol	TAG Ester
AL	Insulin AUC	id_864	0.01	-0.033	0.059	0.66	0.12	-0.071	0.324	0.244	0.13	-0.071	0.346	0.202	0.075	-0.833	1.181	0.65	TAG55:8-FA20:4	Triacylglycerol	TAG Ester
AL	Insulin	id_939	0.001	-0.022	0.026	0.94	0.129	-0.065	0.355	0.214	0.13	-0.071	0.354	0.214	0.005	-0.273	0.46	0.942	TAG57:9-FA22:6	Triacylglycerol	TAG Ester
AL	Insulin AUC	id_978	0.003	-0.066	0.069	0.898	0.127	-0.08	0.304	0.174	0.13	-0.082	0.32	0.198	0.026	-1.353	2.034	0.792	Total CE	Neutral Complex Lipids SUM	Cholesteryl Esters
AL	Insulin AUC	id_979	0	-0.067	0.059	0.964	0.13	-0.06	0.321	0.166	0.13	-0.067	0.328	0.206	0.004	-1.669	1.479	0.862	Total CER	Sphingolipid SUM	Ceramides
AL	Insulin AUC	id_981	0.003	-0.058	0.06	0.918	0.127	-0.049	0.326	0.168	0.13	-0.066	0.339	0.19	0.025	-1.194	1.291	0.828	Total DCER	Sphingolipid SUM	Dihydroceramides
AL	Insulin AUC	id_982	0.002	-0.021	0.028	0.81	0.128	-0.081	0.322	0.232	0.13	-0.08	0.324	0.21	0.015	-0.424	0.572	0.828	Total HCER	Sphingolipid SUM	Hexosylceramides
AL	Insulin	id_983	-0.003	-0.045	0.044	0.856	0.133	-0.085	0.328	0.206	0.13	-0.081	0.328	0.222	-0.025	-1.288	1.312	0.95	Total LCER	Sphingolipid SUM	Lactosylceramides

AL	Insulin AUC	id_987	0.004	-0.037	0.053	0.79	0.126	-0.061	0.315	0.184	0.13	-0.049	0.328	0.178	0.034	-1.36	1.876	0.772	Total PC	Phospholipid SUM	Phosphatidylcholines
AL	Insulin AUC	id_990	0.008	-0.045	0.059	0.712	0.122	-0.078	0.321	0.234	0.13	-0.079	0.329	0.208	0.063	-1.633	1.255	0.72	Total SM	Sphingolipid SUM	Sphingomyelins
AL	Insulin AUC	id_039	-0.009	-0.034	0.015	0.414	0.139	-0.066	0.347	0.192	0.13	-0.073	0.339	0.214	-0.071	-0.756	0.691	0.552	CE(22:1) DAG(12:0/18:1)	Cholesterol Ester	CE Ester
AL	Insulin AUC	id_060	0.007	-0.038	0.031	0.648	0.123	-0.055	0.337	0.172	0.13	-0.052	0.345	0.174	0.052	-0.737	0.624	0.682	DAG(14:1/16:0)	Diacylglycerol	DAG Ester
AL	Insulin AUC	id_071	-0.012	-0.062	0.048	0.624	0.142	-0.063	0.348	0.164	0.13	-0.072	0.34	0.188	-0.093	-2.014	1.085	0.732	DAG(14:1/18:1)	Diacylglycerol	DAG Ester
AL	Insulin AUC	id_072	0.005	-0.024	0.049	0.684	0.125	-0.074	0.311	0.224	0.13	-0.071	0.321	0.19	0.041	-0.794	0.798	0.718	1)	Diacylglycerol	DAG Ester
AL	Insulin AUC	id_150	-0.002	-0.06	0.062	0.96	0.132	-0.057	0.318	0.2	0.13	-0.077	0.331	0.22	-0.018	-1.417	1.745	0.916	LCER(24:1)	Sphingolipids	Lactosylceramide
AL	Insulin AUC	id_151	0.003	-0.031	0.032	0.936	0.128	-0.066	0.328	0.208	0.13	-0.063	0.322	0.198	0.02	-0.603	0.791	0.938	LCER(26:0)	Sphingolipids	Lactosylceramide
AL	Insulin AUC	id_160	-0.007	-0.073	0.05	0.87	0.137	-0.05	0.348	0.146	0.13	-0.061	0.343	0.208	-0.051	-2.384	2.115	0.966	LPC(18:2)	Lysophosphatidylcholine	LPC Ester
AL	Insulin AUC	id_196	-0.009	-0.063	0.031	0.634	0.139	-0.059	0.335	0.164	0.13	-0.063	0.322	0.196	-0.071	-1.355	1.04	0.734	MAG(18:3)	MAG	Ester
AL	Insulin AUC	id_199	-0.004	-0.041	0.016	0.728	0.134	-0.059	0.336	0.176	0.13	-0.065	0.331	0.202	-0.031	-0.732	0.795	0.802	MAG(20:1)	MAG	Ester
AL	Insulin AUC	id_200	-0.004	-0.059	0.03	0.77	0.134	-0.059	0.345	0.198	0.13	-0.074	0.331	0.216	-0.034	-1.104	1.049	0.882	MAG(20:2)	MAG	Ester
AL	Insulin AUC	id_201	-0.007	-0.066	0.039	0.736	0.137	-0.057	0.351	0.156	0.13	-0.074	0.347	0.194	-0.051	-1.692	1.137	0.858	MAG(20:3)	MAG	Ester
AL	Insulin AUC	id_251	0.003	-0.023	0.035	0.854	0.127	-0.074	0.327	0.19	0.13	-0.069	0.327	0.18	0.022	-0.552	0.625	0.866	PC(16:0/22:6)	Phosphatidylcholine	PC Ester
AL	Insulin AUC	id_288	-0.003	-0.04	0.017	0.728	0.133	-0.081	0.329	0.216	0.13	-0.086	0.315	0.224	-0.022	-0.647	0.621	0.792	PC(18:1/22:6)	Phosphatidylcholine	PC Ester
AL	Insulin AUC	id_293	-0.001	-0.018	0.021	0.982	0.131	-0.076	0.34	0.206	0.13	-0.075	0.337	0.196	-0.005	-0.401	0.508	0.99	PC(18:2/20:2)	Phosphatidylcholine	PC Ester
AL	Insulin AUC	id_298	-0.007	-0.049	0.018	0.588	0.137	-0.064	0.356	0.194	0.13	-0.069	0.343	0.21	-0.057	-0.918	0.948	0.63	PC(18:2/22:5)	Phosphatidylethanolamine	PC Ester
AL	Insulin AUC	id_332	0.033	-0.032	0.108	0.284	0.098	-0.094	0.29	0.342	0.13	-0.069	0.339	0.218	0.25	-1.604	2.052	0.39	PE(18:0/18:0)	Phosphatidylethanolamine	PE Ester
AL	Insulin AUC	id_359	0.022	-0.019	0.065	0.282	0.108	-0.083	0.335	0.27	0.13	-0.061	0.349	0.188	0.168	-1.031	1.79	0.394	PE(18:2/16:1)	Phosphatidylethanolamine	PE Ester
AL	Insulin AUC	id_366	0.004	-0.025	0.037	0.78	0.126	-0.068	0.325	0.222	0.13	-0.067	0.325	0.222	0.03	-0.609	0.796	0.774	PE(O-16:0/18:2)	Phosphatidylethanolamine	PE Ether

AL	AUC Insulin	id_368	-0.001	-0.039	0.046	0.98	0.131	-0.071	0.322	0.212	0.13	-0.083	0.334	0.212	-0.008	-0.828	0.884	0.956	PE(O- 16:0/20:4)	Phosphatidyleth anolamine	PE Ether
AL	AUC Insulin	id_372	-0.006	-0.043	0.02	0.634	0.136	-0.067	0.347	0.198	0.13	-0.074	0.346	0.222	-0.046	-1.394	0.606	0.696	PE(O- 16:0/22:6)	Phosphatidyleth anolamine	PE Ether
AL	AUC Insulin	id_378	-0.001	-0.053	0.032	0.926	0.131	-0.057	0.331	0.184	0.13	-0.07	0.331	0.2	-0.006	-1.296	0.949	0.99	PE(O- 18:0/20:4)	Phosphatidyleth anolamine	PE Ether
AL	AUC Insulin	id_381	0.001	-0.054	0.059	0.986	0.129	-0.077	0.325	0.212	0.13	-0.081	0.334	0.23	0.009	-1.053	1.512	0.908	PE(O- 18:0/22:5)	Phosphatidyleth anolamine	PE Ether
AL	AUC Insulin	id_382	-0.001	-0.037	0.027	0.924	0.131	-0.056	0.336	0.196	0.13	-0.058	0.336	0.208	-0.007	-0.903	0.567	0.936	PE(O- 18:0/22:6)	Phosphatidyleth anolamine	PE Ether
AL	AUC Insulin	id_387	0.001	-0.047	0.037	1	0.129	-0.079	0.325	0.24	0.13	-0.086	0.321	0.248	0.007	-0.996	0.911	0.964	PE(P- 16:0/18:2)	Phosphatidyleth anolamine	PE Plasmalogen
AL	AUC Insulin	id_392	-0.02	-0.082	0.051	0.538	0.15	-0.058	0.338	0.138	0.13	-0.076	0.326	0.198	-0.152	-2.644	2.332	0.712	PE(P- 16:0/20:4)	Phosphatidyleth anolamine	PE Plasmalogen
AL	AUC Insulin	id_395	0.004	-0.081	0.092	0.918	0.126	-0.052	0.303	0.178	0.13	-0.071	0.325	0.212	0.034	-2.546	2.657	0.822	PE(P- 16:0/22:5)	Phosphatidyleth anolamine	PE Plasmalogen
AL	AUC Insulin	id_396	0.001	-0.049	0.045	0.95	0.129	-0.072	0.317	0.222	0.13	-0.079	0.323	0.242	0.01	-1.15	1.058	0.904	PE(P- 16:0/22:6)	Phosphatidyleth anolamine	PE Plasmalogen
AL	AUC Insulin	id_401	0.001	-0.045	0.042	0.966	0.129	-0.062	0.321	0.154	0.13	-0.058	0.333	0.172	0.01	-0.823	0.875	0.922	PE(P- 18:0/18:1)	Phosphatidyleth anolamine	PE Plasmalogen
AL	AUC Insulin	id_402	0.003	-0.036	0.038	0.888	0.127	-0.066	0.303	0.224	0.13	-0.066	0.307	0.224	0.023	-0.833	0.662	0.864	PE(P- 18:0/18:2)	Phosphatidyleth anolamine	PE Plasmalogen
AL	AUC Insulin	id_406	-0.009	-0.08	0.053	0.802	0.139	-0.051	0.334	0.168	0.13	-0.075	0.33	0.226	-0.07	-2.197	2.562	0.948	PE(P- 18:0/20:4)	Phosphatidyleth anolamine	PE Plasmalogen
AL	AUC Insulin	id_409	-0.011	-0.094	0.046	0.766	0.141	-0.06	0.329	0.134	0.13	-0.081	0.334	0.178	-0.083	-2.436	1.565	0.892	PE(P- 18:0/22:5)	Phosphatidyleth anolamine	PE Plasmalogen
AL	AUC Insulin	id_410	0.004	-0.026	0.042	0.798	0.126	-0.058	0.308	0.218	0.13	-0.058	0.32	0.208	0.034	-0.591	0.694	0.802	PE(P- 18:0/22:6)	Phosphatidyleth anolamine	PE Plasmalogen
AL	AUC Insulin	id_411	0.012	-0.043	0.067	0.652	0.118	-0.079	0.323	0.232	0.13	-0.068	0.336	0.196	0.092	-2.272	1.891	0.644	PE(P- 18:1/16:0)	Phosphatidyleth anolamine	PE Plasmalogen

AL	AUC Insulin	id_415	-0.003	-0.041	0.027	0.916	0.133	-0.062	0.323	0.178	0.13	-0.064	0.319	0.188	-0.02	-0.903	1.102	0.956	PE(P- 18:1/18:2)	Phosphatidyleth anolamine	PE Plasmalogen
AL	AUC Insulin	id_419	-0.025	-0.093	0.042	0.446	0.155	-0.041	0.34	0.146	0.13	-0.073	0.328	0.226	-0.191	-2.657	3.005	0.632	PE(P- 18:1/20:4)	Phosphatidyleth anolamine	PE Plasmalogen
AL	AUC Insulin	id_421	-0.053	-0.133	0.006	0.088	0.183	-0.02	0.411	0.072	0.13	-0.079	0.34	0.226	-0.407	-4.592	6.388	0.306	PE(P- 18:1/22:4)	Phosphatidyleth anolamine	PE Plasmalogen
AL	AUC Insulin	id_422	-0.01	-0.082	0.061	0.828	0.14	-0.058	0.327	0.152	0.13	-0.08	0.331	0.204	-0.08	-1.924	1.679	0.952	PE(P- 18:1/22:5)	Phosphatidyleth anolamine	PE Plasmalogen
AL	AUC Insulin	id_423	-0.001	-0.055	0.041	0.942	0.131	-0.056	0.315	0.182	0.13	-0.067	0.324	0.2	-0.004	-1.111	0.939	0.994	PE(P- 18:1/22:6)	Phosphatidyleth anolamine	PE Plasmalogen
AL	AUC Insulin	id_424	-0.004	-0.04	0.018	0.714	0.134	-0.058	0.334	0.186	0.13	-0.06	0.324	0.184	-0.028	-0.639	0.559	0.742	PE(P- 18:2/18:2)	Phosphatidyleth anolamine	PE Plasmalogen
AL	AUC Insulin	id_425	-0.003	-0.052	0.046	0.916	0.133	-0.056	0.317	0.184	0.13	-0.065	0.313	0.172	-0.025	-1.548	1.211	0.996	PE(P- 18:2/20:4)	Phosphatidyleth anolamine	PE Plasmalogen
CR	C-peptide	id_660	-7.77	-49	-5.263	0	-27.06	-60.47	27.486	0.456	-34.83	-74.99	3.617	0.09	0.223	-1.879	4.489	0.09	PE(P- TAG51:3- FA16:0	Triacylglycerol	TAG Ester
CR	C-peptide	id_663	-9.169	-37.22	-5.154	0	-25.66	-63.84	18.085	0.336	-34.83	-75.02	5.725	0.094	0.263	-1.316	2.889	0.094	PE(P- TAG51:3- FA18:1	Triacylglycerol	TAG Ester
CR	C-peptide	id_667	-7.665	-43.26	-4.878	0	-27.16	-60.61	21.715	0.34	-34.83	-74.18	4.197	0.074	0.22	-0.83	2.973	0.074	PE(P- TAG51:4- FA16:0	Triacylglycerol	TAG Ester
CR	C-peptide	id_761	-3.981	-34.64	-2.882	0	-30.85	-66.92	16.7	0.27	-34.83	-74.97	3.77	0.082	0.114	-0.538	2.207	0.082	PE(P- TAG53:4- FA18:1	Triacylglycerol	TAG Ester
CR	C-peptide	id_048	-11.51	-34.55	-5.008	0.002	-23.32	-63.17	22.519	0.31	-34.83	-75.16	0.675	0.054	0.33	-0.63	4.074	0.056	CER(18:0) TAG55:7-	Sphingolipids	Ceramide
CR	C-peptide	id_860	-5.29	-27.43	-3.117	0.004	-29.54	-66.83	15.828	0.212	-34.83	-74.09	6.773	0.122	0.152	-1.872	1.562	0.122	FA18:1 TAG53:5-	Triacylglycerol	TAG Ester
CR	C-peptide	id_766	-3.5	-29.12	-2.461	0.008	-31.33	-68.81	16.9	0.25	-34.83	-76.18	5.954	0.102	0.101	-0.923	1.869	0.11	FA18:2 TAG53:6-	Triacylglycerol	TAG Ester
CR	C-peptide	id_052	-6.422	-21.44	-1.683	0.01	-28.4	-68.83	16.267	0.178	-34.83	-77.72	7.49	0.09	0.184	-0.795	1.56	0.096	CER(22:0) TAG53:6-	Sphingolipids	Ceramide
CR	C-peptide	id_771	-2.805	-23.6	-1.923	0.01	-32.02	-67.84	9.808	0.166	-34.83	-72.76	2.854	0.084	0.081	-0.857	1.292	0.09	FA18:3	Triacylglycerol	TAG Ester
CR	C-peptide	id_035	-4.857	-12.76	-0.881	0.02	-29.97	-67.59	11.312	0.142	-34.83	-72.84	4.914	0.082	0.139	-0.561	1.145	0.102	CE(20:3)	Cholesterol Ester	CE Ester

CR	C-peptide	id_770	-3.658	-20.2	-1.247	0.026	-31.17	-68.59	6.739	0.11	-34.83	-75.15	1.215	0.066	0.105	-0.21	0.977	0.08	TAG53:6-FA18:2	Triacylglycerol	TAG Ester
CR	C-peptide	id_395	-6.453	-17.01	-0.454	0.028	-28.37	-72.12	14.06	0.166	-34.83	-78.88	6.02	0.096	0.185	-0.778	1.215	0.124	PE(P-16:0/22:5)	Phosphatidylethanolamine	PE Plasmalogen
CR	C-peptide	id_760	-1.882	-12.65	-0.217	0.036	-32.94	-68.1	8.061	0.122	-34.83	-72.18	3.383	0.082	0.054	-0.471	0.838	0.118	TAG53:4-FA18:0	Triacylglycerol	TAG Ester
CR	C-peptide	id_150	-9.227	-20.99	-0.572	0.038	-25.6	-61.49	15.772	0.254	-34.83	-72.45	7.585	0.11	0.265	-1.05	2.193	0.14	LCER(24:1)	Sphingolipids	Lactosylceramide
CR	C-peptide	id_392	-6.587	-14.59	-0.282	0.04	-28.24	-66.46	12.258	0.178	-34.83	-72.56	4.042	0.082	0.189	-0.594	1.405	0.114	PE(P-16:0/20:4)	Phosphatidylethanolamine	PE Plasmalogen
CR	C-peptide	id_856	-2.267	-12.7	-0.136	0.046	-32.56	-70.85	9.731	0.114	-34.83	-74.73	5.962	0.078	0.065	-0.244	0.797	0.116	TAG55:6-FA18:1	Triacylglycerol	TAG Ester
CR	C-peptide	id_034	-4.277	-12.06	-0.032	0.048	-30.55	-69.06	9.16	0.134	-34.83	-75.31	5.396	0.088	0.123	-0.44	0.946	0.132	CE(20:2)	Cholesterol Ester	CE Ester
CR	C-peptide	id_454	-4.122	-12.45	-0.167	0.048	-30.7	-72.28	9.305	0.156	-34.83	-75.64	4.249	0.086	0.118	-0.509	1.33	0.13	SM(22:0)	Sphingolipids	Sphingomyelin
CR	C-peptide	id_409	-7.213	-18.37	-0.124	0.048	-27.61	-69.42	13.982	0.206	-34.83	-75.13	3.193	0.084	0.207	-1.039	1.839	0.128	PE(P-18:0/22:5)	Phosphatidylethanolamine	PE Plasmalogen
CR	C-peptide	id_419	-5.245	-12.12	-0.009	0.05	-29.58	-71.44	11.336	0.142	-34.83	-74.37	4.064	0.082	0.151	-0.455	1.102	0.128	PE(P-18:1/20:4)	Phosphatidylethanolamine	PE Plasmalogen
CR	C-peptide	id_026	-4.364	-13.2	0.39	0.056	-30.46	-68.91	7.814	0.116	-34.83	-74.37	3.378	0.058	0.125	-0.097	1.063	0.098	CE(17:0)	Cholesterol Ester	CE Ester
CR	C-peptide	id_047	-3.544	-11.16	0.048	0.056	-31.28	-69.57	8.65	0.132	-34.83	-72.99	3.923	0.084	0.102	-0.412	0.818	0.132	CER(16:0)	Sphingolipids	Ceramide
CR	C-peptide	id_122	-4.833	-14.94	0.129	0.06	-29.99	-66.9	13.495	0.146	-34.83	-73.47	3.83	0.074	0.139	-0.558	1.335	0.13	DCER(22:0)	Sphingolipids	Dihydroceramide
CR	C-peptide	id_452	-3.855	-10.42	0.235	0.06	-30.97	-71.22	12.344	0.158	-34.83	-75.05	5.589	0.092	0.111	-0.518	1.196	0.14	SM(20:0)	Sphingolipids	Sphingomyelin
CR	C-peptide	id_979	-4.439	-15.03	0.071	0.06	-30.39	-69.65	10.802	0.16	-34.83	-74.78	4.881	0.086	0.127	-0.462	1.379	0.142	Total CER	Sphingolipid SUM	Ceramides
CR	C-peptide	id_765	-1.955	-10.28	0.174	0.062	-32.87	-73.58	6.86	0.1	-34.83	-75.71	3.503	0.078	0.056	-0.276	0.546	0.136	TAG53:5-FA18:1	Triacylglycerol	TAG Ester
CR	C-peptide	id_773	-3.272	-15.96	1.038	0.066	-31.55	-67.97	9.47	0.122	-34.83	-73.34	4.768	0.08	0.094	-0.529	0.958	0.13	TAG53:7-FA18:3	Triacylglycerol	TAG Ester
CR	C-peptide	id_381	-6.138	-16.52	0.475	0.074	-28.69	-70.19	13.377	0.186	-34.83	-75.94	4.91	0.086	0.176	-1.121	1.478	0.156	PE(O-18:0/22:5)	Phosphatidylethanolamine	PE Ether

CR	C-peptide	id_054	-3.995	-11.23	0.269	0.08	-30.83	-71.69	8.799	0.126	-34.83	-77.16	4.546	0.08	0.115	-0.447	0.928	0.16	CER(24:0)	Sphingolipids	Ceramide
CR	C-peptide	id_405	-4.512	-11.71	1.101	0.094	-30.31	-71.75	10.421	0.158	-34.83	-74.94	5.304	0.084	0.13	-0.491	1.434	0.174	PE(P-18:0/20:3)	Phosphatidylethanolamine	PE Plasmalogen
CR	C-peptide	id_359	-4.794	-11.1	0.731	0.096	-30.03	-68.51	11.376	0.166	-34.83	-73.13	6.712	0.096	0.138	-0.606	1.145	0.18	PE(18:2/16:1)	Phosphatidylethanolamine	PE Ester
CR	C-peptide	id_053	-5.896	-21.83	2.358	0.102	-28.93	-69.73	11.425	0.208	-34.83	-73.7	3.269	0.08	0.169	-0.783	2.289	0.166	CER(22:1)	Sphingolipids	Ceramide
CR	C-peptide	id_981	-2.82	-8.942	0.994	0.108	-32.01	-73.63	9.533	0.118	-34.83	-75.6	6.336	0.082	0.081	-0.395	0.808	0.174	Total DCER	Sphingolipid SUM	Dihydroceramides
CR	C-peptide	id_755	-1.927	-12.43	2.331	0.11	-32.9	-70.6	7.152	0.102	-34.83	-73.97	3.731	0.074	0.055	-0.243	0.834	0.164	FA18:0	Triacylglycerol	TAG Ester
CR	C-peptide	id_862	-1.653	-7.772	0.941	0.112	-33.17	-72.72	8.906	0.108	-34.83	-74.6	5.777	0.088	0.047	-0.207	0.55	0.184	FA20:4	Triacylglycerol	TAG Ester
CR	C-peptide	id_864	-1.945	-10.56	0.938	0.114	-32.88	-70.46	8.418	0.12	-34.83	-73.03	4.128	0.096	0.056	-0.535	0.717	0.19	FA20:4	Triacylglycerol	TAG Ester
CR	C-peptide	id_126	-2.657	-8.632	0.975	0.12	-32.17	-70.92	8.756	0.132	-34.83	-74.55	6.065	0.092	0.076	-0.507	0.804	0.196	DCER(24:1)	Sphingolipids	Dihydroceramide
CR	C-peptide	id_050	-4.454	-15.05	2.24	0.124	-30.37	-68.16	8.876	0.144	-34.83	-74.69	3.453	0.074	0.128	-0.46	1.193	0.19	CER(20:0)	Sphingolipids	Ceramide
CR	C-peptide	id_033	-2.492	-7.336	0.644	0.134	-32.33	-70.58	7.844	0.112	-34.83	-73	4.048	0.084	0.072	-0.381	0.655	0.21	CE(20:1)	Cholesterol Ester	CE Ester
CR	C-peptide	id_857	-1.715	-8.442	1.586	0.142	-33.11	-70.1	7.264	0.102	-34.83	-74.79	5.474	0.078	0.049	-0.243	0.707	0.204	FA20:3	Triacylglycerol	TAG Ester
CR	C-peptide	id_387	-3.66	-10.91	0.66	0.146	-31.17	-70.99	7.985	0.128	-34.83	-75.28	4.353	0.086	0.105	-0.423	0.849	0.216	PE(P-16:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen
CR	C-peptide	id_228	-3.501	-9.866	1.232	0.152	-31.33	-70.71	11.294	0.142	-34.83	-74.03	5.991	0.1	0.101	-0.595	0.814	0.252	PC(15:0/18:2)	Phosphatidylcholine	PC Ester
CR	C-peptide	id_406	-3.415	-9.872	1.008	0.162	-31.41	-69.67	10.057	0.144	-34.83	-71.82	6.174	0.104	0.098	-0.437	0.892	0.23	PE(P-18:0/20:4)	Phosphatidylethanolamine	PE Plasmalogen
CR	C-peptide	id_368	-4.291	-12.45	1.767	0.17	-30.54	-69.95	11.464	0.132	-34.83	-74.57	6.771	0.092	0.123	-0.401	0.887	0.25	PE(O-16:0/20:4)	Phosphatidylethanolamine	PE Ether
CR	C-peptide	id_125	-3.008	-8.97	2.029	0.176	-31.82	-68.25	7.491	0.104	-34.83	-70.81	3.419	0.076	0.086	-0.456	0.612	0.236	DCER(24:0)	Sphingolipids	Dihydroceramide
CR	C-peptide	id_027	-3.182	-9.975	1.875	0.19	-31.64	-71.79	8.742	0.118	-34.83	-74.61	3.255	0.084	0.091	-0.346	0.726	0.254	CE(18:0)	Cholesterol Ester	CE Ester
CR	C-peptide	id_123	-2.614	-11.25	3.448	0.19	-32.21	-71.83	6.959	0.118	-34.83	-74.38	4.069	0.078	0.075	-0.388	0.862	0.244	DCER(22:1)	Sphingolipids	Dihydroceramide

CR	C-peptide	id_117	-2.343	-7.276	1.51	0.202	-32.48	-71.36	8.879	0.11	-34.83	-73.41	6.472	0.08	0.067	-0.146	0.732	0.25	DCER(16:0)	Sphingolipids	Dihydroceramide
CR	C-peptide	id_124	-3.234	-9.524	2.418	0.21	-31.59	-73.03	6.876	0.126	-34.83	-75.82	4.259	0.092	0.093	-0.412	0.732	0.274	DCER(22:2)	Sphingolipids	Dihydroceramide
CR	C-peptide	id_769	-1.567	-6.083	1.547	0.212	-33.26	-73.36	4.041	0.1	-34.83	-75.25	2.836	0.078	0.045	-0.168	0.757	0.25	FA18:1	Triacylglycerol	TAG Ester
CR	C-peptide	id_055	-2.619	-8.214	2.224	0.216	-32.21	-72.84	8.067	0.106	-34.83	-74.9	4.052	0.086	0.075	-0.465	0.705	0.294	CER(24:1)	Sphingolipids	Ceramide Lactosylceramide
CR	C-peptide	id_145	3.524	-2.061	10.576	0.222	-38.35	-76.34	2.391	0.07	-34.83	-73.68	5.912	0.078	-0.101	-1.146	0.227	0.268	LCER(20:0)	Sphingolipids	
CR	C-peptide	id_422	-4.275	-12.68	2.337	0.224	-30.55	-70.71	9.644	0.13	-34.83	-73.96	5.699	0.084	0.123	-0.477	1.03	0.292	PE(P-18:1/22:5)	Phosphatidylethanolamine	PE Plasmalogen
CR	C-peptide	id_036	-2.657	-7.25	2.45	0.244	-32.17	-69.47	8.023	0.102	-34.83	-71.51	4.864	0.076	0.076	-0.279	0.491	0.292	CE(20:4)	Cholesterol Ester	CE Ester
CR	C-peptide	id_154	-2.164	-6.47	2.853	0.25	-32.66	-72.33	8.357	0.102	-34.83	-74.88	4.847	0.08	0.062	-0.365	0.552	0.306	LPC(15:0)	Lysophosphatidylcholine	LPC Ester
CR	C-peptide	id_135	-2.077	-6.53	1.29	0.252	-32.75	-73.53	9.694	0.138	-34.83	-75.05	6.044	0.124	0.06	-0.508	0.509	0.328	HCER(22:0)	Sphingolipids	Hexosylceramide
CR	C-peptide	id_861	-1.481	-5.72	2.029	0.254	-33.35	-71.26	6.068	0.104	-34.83	-72.15	6.244	0.088	0.043	-0.199	0.587	0.302	FA20:3	Triacylglycerol	TAG Ester
CR	C-peptide	id_041	-2.529	-8.16	1.831	0.256	-32.3	-70.35	6.647	0.092	-34.83	-73.9	3.763	0.082	0.073	-0.351	0.568	0.322	CE(22:4)	Cholesterol Ester	CE Ester
CR	C-peptide	id_118	-2.354	-6.641	1.914	0.258	-32.47	-73.6	8.903	0.12	-34.83	-75.67	5.689	0.094	0.068	-0.23	0.673	0.312	DCER(18:0)	Sphingolipids	Dihydroceramide
CR	C-peptide	id_456	-2.148	-6.252	2.174	0.276	-32.68	-72.03	6.314	0.106	-34.83	-73.9	3.759	0.082	0.062	-0.273	0.544	0.338	SM(24:0)	Sphingolipids	Sphingomyelin
CR	C-peptide	id_425	-2.728	-9.168	1.853	0.276	-32.1	-73.24	9.217	0.12	-34.83	-75.45	6.441	0.11	0.078	-0.396	0.797	0.338	PE(P-18:2/20:4)	Phosphatidylethanolamine	PE Plasmalogen
CR	C-peptide	id_366	-3.502	-12.01	1.656	0.284	-31.32	-71.07	7.006	0.126	-34.83	-74.09	3.686	0.086	0.101	-0.155	0.926	0.322	PE(O-16:0/18:2)	Phosphatidylethanolamine	PE Ether
CR	C-peptide	id_121	-1.798	-6.329	1.806	0.288	-33.03	-73.02	6.007	0.082	-34.83	-73.87	2.158	0.058	0.052	-0.138	0.707	0.342	DCER(20:1)	Sphingolipids	Dihydroceramide
CR	C-peptide	id_029	-1.943	-6.563	2.099	0.304	-32.88	-69.83	4.425	0.09	-34.83	-73.49	2.614	0.072	0.056	-0.157	0.684	0.336	CE(18:2)	Cholesterol Ester	CE Ester
CR	C-peptide	id_181	-1.887	-6.722	1.51	0.308	-32.94	-74.5	8.176	0.108	-34.83	-77.28	5.1	0.08	0.054	-0.13	0.569	0.344	LPE(20:4)	Lysophosphatidylethanolamine	LPE Ester
CR	C-peptide	id_157	-1.99	-6.198	2.291	0.326	-32.84	-74.67	6.011	0.116	-34.83	-76.39	5.486	0.098	0.057	-0.25	0.664	0.376	LPC(17:0)	Lysophosphatidylcholine	LPC Ester

CR	C-peptide	id_939	-1.255	-4.382	1.65	0.334	-33.57	-72.25	4.884	0.096	-34.83	-73.15	3.303	0.078	0.036	-0.132	0.409	0.368	TAG57:9-FA22:6	Triacylglycerol	TAG Ester
CR	C-peptide	id_071	-1.552	-8.76	1.182	0.336	-33.27	-70.41	6.033	0.102	-34.83	-72.61	4.674	0.074	0.045	-0.121	0.5	0.37	DAG(14:1/16:0)	Diacylglycerol	DAG Ester
CR	C-peptide	id_378	-2.614	-8.606	2.764	0.342	-32.21	-75.53	7.097	0.12	-34.83	-76.53	2.574	0.08	0.075	-0.503	0.891	0.402	PE(O-18:0/20:4)	Phosphatidylethanolamine	PE Ether
CR	C-peptide	id_254	-1.523	-5.046	1.802	0.346	-33.3	-70.58	9.535	0.106	-34.83	-72.18	6.901	0.094	0.044	-0.394	0.368	0.424	PC(17:0/18:2)	Phosphatidylcholine	PC Ester
CR	C-peptide	id_421	-2.973	-9.077	4.708	0.354	-31.85	-70.04	10.025	0.126	-34.83	-74.51	5.95	0.096	0.085	-0.565	0.911	0.394	PE(P-18:1/22:4)	Phosphatidylethanolamine	PE Plasmalogen
CR	C-peptide	id_130	-1.441	-5.658	1.77	0.358	-33.39	-71.23	8.339	0.11	-34.83	-71.98	5.723	0.076	0.041	-0.144	0.494	0.418	HCER(16:0)	Sphingolipids	Hexosylceramide
CR	C-peptide	id_149	-4.189	-16.91	4.606	0.382	-30.64	-66.31	8.527	0.12	-34.83	-72.02	4.296	0.082	0.12	-0.37	0.937	0.42	LCER(24:0)	Sphingolipids	Lactosylceramide
CR	C-peptide	id_204	-1.375	-4.826	1.772	0.388	-33.45	-75.4	5.035	0.11	-34.83	-77.1	3.955	0.094	0.039	-0.228	0.364	0.41	MAG(22:0)	MAG	Ester Sphingomyelin
CR	C-peptide	id_458	-1.037	-4.287	1.413	0.39	-33.79	-69.99	5.764	0.092	-34.83	-70.54	3.185	0.082	0.03	-0.171	0.546	0.424	SM(26:0)	Sphingolipids	
CR	C-peptide	id_415	-1.854	-8.96	1.942	0.398	-32.97	-72.46	8.233	0.1	-34.83	-73.6	3.67	0.078	0.053	-0.216	0.589	0.452	PE(P-18:1/18:2)	Phosphatidylethanolamine	PE Plasmalogen
CR	C-peptide	id_186	-1.579	-6.923	2.07	0.4	-33.25	-72.79	7.856	0.112	-34.83	-73.95	5.154	0.09	0.045	-0.25	0.419	0.454	MAG(12:0)	MAG	Ester Sphingomyelin
CR	C-peptide	id_450	-2.082	-6.964	4.606	0.406	-32.74	-71.59	7.607	0.114	-34.83	-72.35	4.361	0.088	0.06	-0.373	0.764	0.442	SM(18:0)	Sphingolipids	Dihydroceramide
CR	C-peptide	id_128	-0.977	-4.455	1.792	0.408	-33.85	-72.84	8.037	0.1	-34.83	-73.37	7.543	0.094	0.028	-0.148	0.333	0.462	DCER(26:1)	Sphingolipids	
CR	C-peptide	id_039	-1.267	-5.456	2.041	0.408	-33.56	-72.25	4.817	0.09	-34.83	-73.3	4.374	0.076	0.036	-0.161	0.517	0.448	CE(22:1)	Cholesterol Ester	CE Ester Sphingomyelin
CR	C-peptide	id_448	-2.023	-7.231	4.034	0.424	-32.8	-74.08	8.116	0.116	-34.83	-74.11	6.021	0.1	0.058	-0.353	0.589	0.488	SM(14:0)	Sphingolipids	
CR	C-peptide	id_978	-1.775	-6.175	3.078	0.424	-33.05	-72.9	7.727	0.134	-34.83	-74.04	6.631	0.102	0.051	-0.284	0.789	0.462	Total CE	Neutral Complex Lipids SUM	Cholesteryl Esters
CR	C-peptide	id_195	-2.254	-6.66	5.163	0.446	-32.57	-76.75	8.103	0.11	-34.83	-78.13	5.197	0.088	0.065	-0.443	0.614	0.49	MAG(18:2)	MAG Sphingolipid	Ester Hexosylceramides
CR	C-peptide	id_982	-0.726	-4.531	1.461	0.448	-34.1	-75.03	6.557	0.098	-34.83	-75.73	4.266	0.082	0.021	-0.205	0.321	0.498	Total HCER	SUM	Lactosylceramide
CR	C-peptide	id_142	-2.874	-17.28	3.12	0.458	-31.95	-68.23	6.136	0.114	-34.83	-74.28	2.641	0.08	0.083	-0.339	0.982	0.486	LCER(16:0)	Sphingolipids	

CR	C-peptide	id_042	-1.249	-5.644	1.984	0.47	-33.58	-73.51	3.716	0.076	-34.83	-74.77	1.521	0.06	0.036	-0.197	0.523	0.51	CE(22:5)	Cholesterol Ester	CE Ester
CR	C-peptide	id_284	1.932	-2.883	11.004	0.47	-36.76	-77.29	2.1	0.064	-34.83	-74.77	5.252	0.088	-0.055	-0.816	0.393	0.514	PC(18:1/20:4)	Phosphatidylchol	PC Ester
CR	C-peptide	id_151	-1.586	-10.07	2.269	0.48	-33.24	-73.24	6.066	0.114	-34.83	-74.6	3.133	0.084	0.046	-0.209	0.668	0.512	LCER(26:0)	Sphingolipids	Lactosylcera mide
CR	C-peptide	id_133	-0.455	-4.193	1.519	0.484	-34.37	-74.97	2.68	0.088	-34.83	-76.13	1.778	0.066	0.013	-0.143	0.42	0.514	HCER(20:0)	Sphingolipids	Hexosylceram ide
CR	C-peptide	id_046	-2.099	-8.843	6.863	0.504	-32.73	-73.58	9.231	0.112	-34.83	-72.97	6.557	0.094	0.06	-0.685	0.714	0.546	CER(14:0)	Sphingolipids	Ceramide
CR	C-peptide	id_024	-1.235	-5.332	3.546	0.51	-33.59	-73.96	6.327	0.092	-34.83	-75.22	5.069	0.086	0.035	-0.267	0.452	0.54	CE(16:0)	Cholesterol Ester	CE Ester
CR	C-peptide	id_402	-1.312	-6.861	3.218	0.514	-33.51	-71.92	5.323	0.096	-34.83	-73.05	2.694	0.08	0.038	-0.392	0.531	0.57	PE(P- 18:0/18:2)	Phosphatidyleth anolamine	PE Plasmalogen Hexosylceram ide
CR	C-peptide	id_137	-0.728	-4.255	1.712	0.516	-34.1	-74.85	4.939	0.084	-34.83	-74.89	2.759	0.072	0.021	-0.129	0.397	0.54	HCER(24:0)	Sphingolipids	Hexosylceram ide
CR	C-peptide	id_132	-1.418	-5.678	4.191	0.522	-33.41	-75.1	4.669	0.106	-34.83	-75.47	3.588	0.078	0.041	-0.348	0.578	0.564	HCER(18:1)	Sphingolipids	ide
CR	C-peptide	id_060	-0.298	-5.723	1.393	0.524	-34.53	-73.26	5.065	0.092	-34.83	-73.5	3.449	0.084	0.009	-0.155	0.407	0.556	DAG(12:0/18: 1)	Diacylglycerol	DAG Ester
CR	C-peptide	id_289	1.589	-3.886	15.445	0.536	-36.42	-78.95	1.735	0.056	-34.83	-76.92	3	0.072	-0.046	-1.185	0.324	0.544	PC(18:2/16:1)	Phosphatidylchol ine	PC Ester
CR	C-peptide	id_051	-2.439	-8.542	8.677	0.538	-32.39	-69.81	9.661	0.118	-34.83	-70.85	7.117	0.102	0.07	-0.866	0.904	0.568	CER(20:1)	Sphingolipids	Ceramide
CR	C-peptide	id_257	-1.661	-6.905	5.027	0.538	-33.17	-75.3	7.036	0.102	-34.83	-75.67	4.542	0.094	0.048	-0.493	0.473	0.584	PC(17:0/20:4)	Phosphatidylchol ine	PC Ester
CR	C-peptide	id_398	-1.307	-5.423	4.792	0.54	-33.52	-73.37	6.684	0.124	-34.83	-74.29	5.607	0.1	0.038	-0.467	0.607	0.604	PE(P- 18:0/16:0)	Phosphatidyleth anolamine	PE Plasmalogen
CR	C-peptide	id_196	-0.975	-5.015	2.416	0.558	-33.85	-73.15	6.798	0.094	-34.83	-73.71	5.184	0.094	0.028	-0.214	0.4	0.576	MAG(18:3)	MAG	Ester
CR	C-peptide	id_332	-1.238	-6.08	3.214	0.56	-33.59	-75.16	6.575	0.118	-34.83	-75.65	5.111	0.096	0.036	-0.288	0.542	0.596	PE(18:0/18:0)	Phosphatidyleth anolamine	PE Ester
CR	C-peptide	id_203	0.068	-11.31	0.794	0.574	-34.89	-72.28	7.053	0.1	-34.83	-73.88	4.735	0.082	-0.002	-0.132	0.612	0.632	MAG(20:5)	MAG	Ester
CR	C-peptide	id_983	-2.049	-17.06	3.411	0.574	-32.78	-69.9	7.984	0.136	-34.83	-73.82	5.677	0.104	0.059	-0.511	0.862	0.582	Total LCER	Sphingolipid SUM	Lactosylcera mides
CR	C-peptide	id_288	1.241	-3.67	5.413	0.586	-36.07	-77.03	5.764	0.086	-34.83	-76.27	5.295	0.088	-0.036	-0.372	0.254	0.61	PC(18:1/22:6)	Phosphatidylchol ine	PC Ester

CR	C-peptide	id_049	-2.319	-8.65	12.269	0.59	-32.51	-78.51	6.089	0.094	-34.83	-76.18	4.775	0.082	0.067	-0.686	0.993	0.616	CER(18:1)	Sphingolipids	Ceramide
CR	C-peptide	id_459	-0.089	-4.178	1.617	0.592	-34.74	-73.24	3.806	0.108	-34.83	-74.01	3.594	0.088	0.003	-0.138	0.549	0.632	SM(26:1)	Sphingolipids	Sphingomyelin
CR	C-peptide	id_200	-0.682	-6.575	1.837	0.608	-34.14	-71.31	6.048	0.106	-34.83	-72.61	5.986	0.078	0.02	-0.132	0.584	0.618	MAG(20:2)	MAG	Ester Lactosylceramide
CR	C-peptide	id_152	-1.366	-10.8	2.847	0.61	-33.46	-72.49	8.684	0.1	-34.83	-75.21	5.791	0.084	0.039	-0.211	0.574	0.618	LCER(26:1)	Sphingolipids	
CR	C-peptide	id_188	-0.138	-4.417	2.221	0.632	-34.69	-72.44	7.9	0.114	-34.83	-72.89	6.948	0.1	0.004	-0.21	0.269	0.668	MAG(14:1)	MAG	Ester
CR	C-peptide	id_205	0.151	-6.598	1.691	0.654	-34.98	-77.52	5.833	0.122	-34.83	-78.14	4.609	0.114	-0.004	-0.281	0.384	0.708	MAG(22:1)	MAG	Ester
CR	C-peptide	id_424	-0.519	-4.962	2.231	0.654	-34.31	-72.37	5.389	0.106	-34.83	-74.25	4.009	0.094	0.015	-0.147	0.362	0.688	PE(P-18:2/18:2)	Phosphatidylethanolamine Sphingolipid	PE Plasmalogen Sphingomyelins
CR	C-peptide	id_990	-0.873	-4.567	5.081	0.656	-33.95	-75.64	6.656	0.086	-34.83	-74.65	4.567	0.08	0.025	-0.442	0.307	0.708	Total SM	SUM	
CR	C-peptide	id_023	-1.177	-5.528	6.028	0.67	-33.65	-74.87	6.125	0.09	-34.83	-74.96	5.592	0.068	0.034	-0.417	0.588	0.682	CE(15:0)	Cholesterol Phosphatidylcholine	Ester CE Ester
CR	C-peptide	id_230	-0.757	-5.246	2.406	0.672	-34.07	-73.98	5.253	0.106	-34.83	-73.92	4.968	0.096	0.022	-0.208	0.346	0.72	PC(15:0/20:4)		PC Ester Sphingomyelin
CR	C-peptide	id_453	0.788	-3.365	9.887	0.676	-35.61	-78.06	3.766	0.07	-34.83	-76.54	4.188	0.076	-0.023	-0.709	0.302	0.708	SM(20:1)	Sphingolipids Phosphatidylcholine	
CR	C-peptide	id_272	-1.176	-6.561	6.332	0.68	-33.65	-75.21	6.583	0.108	-34.83	-75.43	4.855	0.09	0.034	-0.561	0.716	0.694	PC(18:0/20:4)		PC Ester
CR	C-peptide	id_283	-1.721	-8.06	11.346	0.694	-33.11	-73.94	7.982	0.118	-34.83	-74.2	9.749	0.102	0.049	-0.927	0.938	0.684	PC(18:1/20:3)		PC Ester
CR	C-peptide	id_414	0.934	-3.064	6.221	0.708	-35.76	-73.44	4.782	0.098	-34.83	-72	5.381	0.096	-0.027	-0.435	0.258	0.716	PE(P-18:1/18:1)	Phosphatidylethanolamine	PE Plasmalogen
CR	C-peptide	id_057	0.769	-3.38	5.637	0.71	-35.6	-74.83	1.944	0.066	-34.83	-75.71	2.934	0.068	-0.022	-0.424	0.284	0.738	CER(26:1)	Sphingolipids	Ceramide
CR	C-peptide	id_382	-0.109	-4.187	2.935	0.71	-34.72	-75.22	5.511	0.088	-34.83	-76.67	5.779	0.086	0.003	-0.267	0.35	0.732	PE(O-18:0/22:6)	Phosphatidylethanolamine	PE Ether Sphingomyelin
CR	C-peptide	id_455	-1.049	-5.236	7.402	0.712	-33.78	-74.15	5.895	0.092	-34.83	-74.34	4.563	0.078	0.03	-0.485	0.412	0.746	SM(22:1)	Sphingolipids	
CR	C-peptide	id_401	-0.595	-4.924	4.394	0.716	-34.23	-73.44	6.578	0.106	-34.83	-73.52	3.964	0.092	0.017	-0.363	0.374	0.768	PE(P-18:0/18:1)	Phosphatidylethanolamine	PE Plasmalogen Dihydroceramide
CR	C-peptide	id_116	0.948	-3.631	4.199	0.72	-35.77	-74.76	8.227	0.094	-34.83	-74.03	7.16	0.096	-0.027	-0.416	0.239	0.728	DCER(14:0)	Sphingolipids	

CR	C-peptide	id_134	-0.825	-5.208	4.479	0.722	-34	-74.8	4.62	0.096	-34.83	-74.76	4.675	0.082	0.024	-0.343	0.418	0.752	HCER(20:1)	Sphingolipids	Hexosylceramide
CR	C-peptide	id_396	-0.664	-5.334	2.76	0.722	-34.16	-76.91	5.423	0.104	-34.83	-76.95	4.97	0.098	0.019	-0.225	0.325	0.756	PE(P-16:0/22:6)	Phosphatidylethanolamine	PE Plasmalogen
CR	C-peptide	id_045	-0.131	-3.648	2.104	0.728	-34.7	-75.33	7.053	0.102	-34.83	-76.13	5.786	0.096	0.004	-0.228	0.266	0.772	CE(24:1)	Cholesterol Ester	CE Ester
CR	C-peptide	id_208	-0.052	-3.651	2.244	0.736	-34.77	-73.63	3.732	0.08	-34.83	-74.2	3.211	0.076	0.002	-0.172	0.277	0.732	MAG(22:5)	MAG	Ester
CR	C-peptide	id_028	-0.646	-4.501	4.428	0.74	-34.18	-70.95	5.153	0.092	-34.83	-71.05	4.833	0.088	0.019	-0.378	0.328	0.764	CE(18:1)	Cholesterol Ester	CE Ester
CR	C-peptide	id_199	-0.087	-4.006	2.549	0.75	-34.74	-70.78	4.137	0.102	-34.83	-70.46	3.4	0.086	0.002	-0.163	0.255	0.776	MAG(20:1)	MAG	Ester
CR	C-peptide	id_241	-0.498	-4.782	3.68	0.756	-34.33	-73.1	4.623	0.1	-34.83	-73.34	4.8	0.096	0.014	-0.31	0.352	0.764	PC(16:0/18:2)	Phosphatidylcholine	PC Ester
CR	C-peptide	id_119	-0.527	-3.979	4.677	0.766	-34.3	-70.57	4.458	0.08	-34.83	-71.82	3.35	0.076	0.015	-0.457	0.24	0.806	DCER(18:1)	Sphingolipids	Dihydroceramide
CR	C-peptide	id_147	1.383	-7.828	8.83	0.774	-36.21	-76.42	2.447	0.07	-34.83	-75.72	4.867	0.08	-0.04	-0.562	0.444	0.822	LCER(22:0)	Sphingolipids	Lactosylceramide
CR	C-peptide	id_410	-0.185	-3.679	3.076	0.786	-34.64	-75.16	4.429	0.084	-34.83	-74.56	3.933	0.074	0.005	-0.187	0.251	0.82	PE(P-18:0/22:6)	Phosphatidylethanolamine	PE Plasmalogen
CR	C-peptide	id_138	0.035	-8.607	2.211	0.788	-34.86	-74.85	6.498	0.106	-34.83	-75.28	5.767	0.098	-0.001	-0.176	0.43	0.814	HCER(24:1)	Sphingolipids	Hexosylceramide
CR	C-peptide	id_201	0.622	-3.773	5.864	0.792	-35.45	-72.05	2.716	0.078	-34.83	-71.58	2.523	0.082	-0.018	-0.387	0.251	0.81	MAG(20:3)	MAG	Ester
CR	C-peptide	id_144	0.215	-3.649	2.169	0.796	-35.04	-72.42	5.724	0.096	-34.83	-72.35	5.178	0.088	-0.006	-0.115	0.219	0.832	LCER(18:1)	Sphingolipids	Lactosylceramide
CR	C-peptide	id_170	0.078	-4.349	2.85	0.814	-34.9	-76.08	3.411	0.074	-34.83	-76.43	2.255	0.068	-0.002	-0.171	0.272	0.822	LPC(22:6)	Lysophosphatidylcholine	LPC Ester
CR	C-peptide	id_131	0.824	-4.023	5.342	0.83	-35.65	-74.47	7.022	0.116	-34.83	-74.34	7.437	0.112	-0.024	-0.389	0.317	0.838	HCER(18:0)	Sphingolipids	Hexosylceramide
CR	C-peptide	id_279	0.731	-3.909	5.867	0.836	-35.56	-73.54	2.614	0.062	-34.83	-73.13	2.673	0.08	-0.021	-0.292	0.291	0.86	PC(18:1/18:2)	Phosphatidylcholine	PC Ester
CR	C-peptide	id_136	0.665	-4.394	9.444	0.838	-35.49	-78.46	3.1	0.074	-34.83	-76.08	3.162	0.076	-0.019	-0.635	0.436	0.842	HCER(22:1)	Sphingolipids	Hexosylceramide
CR	C-peptide	id_043	-0.034	-3.282	2.021	0.84	-34.79	-75.03	4.718	0.078	-34.83	-75.68	4.461	0.08	0.001	-0.149	0.183	0.852	CE(22:6)	Cholesterol Ester	CE Ester
CR	C-peptide	id_139	0.311	-5.633	2.65	0.844	-35.14	-72.99	8.122	0.11	-34.83	-73.25	6.484	0.106	-0.009	-0.27	0.371	0.866	HCER(26:0)	Sphingolipids	Hexosylceramide

CR	C-peptide	id_298	0.798	-4.149	4.725	0.844	-35.62	-75.93	6.647	0.09	-34.83	-75.45	6.814	0.092	-0.023	-0.377	0.297	0.86	PC(18:2/22:5)	Phosphatidylchol ine	PC Ester
CR	C-peptide	id_044	-0.249	-4.132	2.822	0.848	-34.58	-74.84	4.392	0.094	-34.83	-74.62	3.915	0.078	0.007	-0.222	0.277	0.87	CE(24:0)	Cholesterol Ester	CE Ester
CR	C-peptide	id_129	0.472	-3.229	6.704	0.85	-35.3	-75.73	1.778	0.078	-34.83	-74.4	2.069	0.064	-0.014	-0.353	0.371	0.85	HCER(14:0)	Sphingolipids	Hexosylceram ide
CR	C-peptide	id_160	-0.246	-4.038	6.111	0.884	-34.58	-75.17	3.998	0.094	-34.83	-75.19	2.803	0.086	0.007	-0.48	0.258	0.89	LPC(18:2)	Lysophosphatidy lcholine	LPC Ester
CR	C-peptide	id_987	0.157	-4.315	8.631	0.894	-34.98	-74.28	0.938	0.06	-34.83	-73.75	1.618	0.058	-0.005	-0.551	0.299	0.896	Total PC	Phospholipid SUM	Phosphatidylc holines
CR	C-peptide	id_251	-0.049	-4.298	2.464	0.894	-34.78	-73.28	4.087	0.082	-34.83	-73.77	3.373	0.076	0.001	-0.171	0.184	0.902	PC(16:0/22:6)	Phosphatidylchol ine	PC Ester
CR	C-peptide	id_120	-0.283	-4.056	7.308	0.896	-34.54	-73.27	4.592	0.084	-34.83	-71.71	4.573	0.078	0.008	-0.406	0.295	0.914	DCER(20:0)	Sphingolipids	Dihydroceram ide
CR	C-peptide	id_146	0.623	-5.029	3.925	0.898	-35.45	-69.45	4.036	0.078	-34.83	-69.85	3.196	0.08	-0.018	-0.288	0.277	0.914	LCER(20:1)	Sphingolipids	Lactosylcera mide
CR	C-peptide	id_449	0.336	-4.083	5.467	0.898	-35.16	-73.86	3.918	0.08	-34.83	-72.57	4.026	0.088	-0.01	-0.336	0.318	0.886	SM(16:0)	Sphingolipids	Sphingomyeli n
CR	C-peptide	id_411	-0.048	-3.56	2.474	0.9	-34.78	-73.58	4.752	0.09	-34.83	-72.47	3.661	0.09	0.001	-0.154	0.221	0.926	PE(P- 18:1/16:0)	Phosphatidyleth anolamine	PE Plasmalogen
CR	C-peptide	id_423	-0.158	-3.89	2.776	0.906	-34.67	-74.66	6.959	0.092	-34.83	-74.37	6.645	0.088	0.005	-0.243	0.303	0.922	PE(P- 18:1/22:6)	Phosphatidyleth anolamine	PE Plasmalogen Lactosylcera mide
CR	C-peptide	id_148	-0.087	-10.97	5.388	0.908	-34.74	-73.63	4.795	0.076	-34.83	-74.28	3.261	0.08	0.003	-0.395	0.481	0.884	LCER(22:1)	Sphingolipids	
CR	C-peptide	id_372	0.222	-3.995	6.94	0.91	-35.05	-76.3	4.667	0.084	-34.83	-76.69	4.52	0.092	-0.006	-0.411	0.274	0.942	PE(O- 16:0/22:6)	Phosphatidyleth anolamine	PE Ether
CR	C-peptide	id_293	0.128	-3.816	5.065	0.916	-34.95	-77.6	5.091	0.084	-34.83	-76.38	3.348	0.082	-0.004	-0.408	0.269	0.906	PC(18:2/20:2)	Phosphatidylchol ine	PC Ester Lactosylcera mide
CR	C-peptide	id_141	0.686	-11.16	7.403	0.92	-35.51	-77.3	4.684	0.078	-34.83	-78.31	4.603	0.082	-0.02	-0.654	0.551	0.954	LCER(14:0)	Sphingolipids	
CR	C-peptide	id_386	-0.257	-5.018	6.873	0.936	-34.57	-73.76	4.778	0.09	-34.83	-73.29	3.623	0.078	0.007	-0.474	0.414	0.966	PE(P- 16:0/18:1)	Phosphatidyleth anolamine	PE Plasmalogen
CR	C-peptide	id_354	0.48	-7.311	2.577	0.938	-35.31	-73.45	4.775	0.078	-34.83	-73.39	3.357	0.07	-0.014	-0.157	0.398	0.96	PE(18:1/22:0)	Phosphatidyleth anolamine	PE Ester
CR	C-peptide	id_209	0.339	-4.311	3.345	0.948	-35.17	-75.32	4.88	0.094	-34.83	-75.76	3.847	0.09	-0.01	-0.238	0.306	0.93	MAG(22:6)	MAG	Ester Sphingomyeli n
CR	C-peptide	id_457	0.247	-3.548	3.236	0.952	-35.07	-75.49	5.772	0.096	-34.83	-74.69	5.422	0.096	-0.007	-0.228	0.35	0.952	SM(24:1)	Sphingolipids	

CR	C-peptide	id_451	-0.458	-5.962	9.392	0.962	-34.37	-76.04	5.382	0.094	-34.83	-73.52	5.618	0.088	0.013	-0.51	0.51	0.962	SM(18:1) DAG(14:1/18:1)	Sphingolipids	Sphingomyelin
CR	C-peptide	id_072	0.232	-3.925	4.361	0.98	-35.06	-74.71	6.443	0.106	-34.83	-74.07	6.544	0.1	-0.007	-0.302	0.265	0.984		Diacylglycerol	DAG Ester
CR	C-peptide	id_189	0.11	-2.776	3.706	0.992	-34.94	-76.09	2.271	0.066	-34.83	-75.54	2.43	0.064	-0.003	-0.169	0.177	0.992	MAG(15:0)	MAG	Ester
AL	C-peptide	id_023	-2.517	-12.46	5.726	0.576	66.164	12.026	122.53	0.008	63.647	9.068	120.52	0.01	-0.04	-0.395	0.148	0.582	CE(15:0)	Cholesterol Ester	CE Ester
AL	C-peptide	id_024	0.915	-8.096	11.056	0.824	62.732	5.003	117.48	0.032	63.647	8.023	117.98	0.028	0.014	-0.2	0.281	0.84	CE(16:0)	Cholesterol Ester	CE Ester
AL	C-peptide	id_026	-2.769	-11.55	6.316	0.544	66.416	7.828	125.06	0.024	63.647	7.623	121.82	0.026	-0.044	-0.314	0.182	0.562	CE(17:0)	Cholesterol Ester	CE Ester
AL	C-peptide	id_027	-3.026	-13.61	6.62	0.53	66.673	7.61	125.6	0.026	63.647	6.284	121.85	0.028	-0.048	-0.378	0.113	0.534	CE(18:0)	Cholesterol Ester	CE Ester
AL	C-peptide	id_028	-0.066	-7.57	10.918	0.96	63.713	8.618	121.72	0.022	63.647	6.874	124.59	0.024	-0.001	-0.14	0.208	0.964	CE(18:1)	Cholesterol Ester	CE Ester
AL	C-peptide	id_029	1.414	-7.84	16.025	0.734	62.233	3.991	115.53	0.034	63.647	4.15	117.99	0.034	0.022	-0.203	0.314	0.74	CE(18:2)	Cholesterol Ester	CE Ester
AL	C-peptide	id_033	7.068	-2.085	19.084	0.162	56.579	-0.204	112.11	0.054	63.647	6.188	119.31	0.032	0.111	-0.131	0.628	0.186	CE(20:1)	Cholesterol Ester	CE Ester
AL	C-peptide	id_034	-0.043	-11.69	12.306	0.986	63.69	9.31	120.89	0.02	63.647	8.301	122.74	0.022	-0.001	-0.32	0.227	0.988	CE(20:2)	Cholesterol Ester	CE Ester
AL	C-peptide	id_035	1.344	-13.34	14.46	0.878	62.303	8.664	117.32	0.024	63.647	6.219	119.63	0.024	0.021	-0.449	0.307	0.87	CE(20:3)	Cholesterol Ester	CE Ester
AL	C-peptide	id_036	2.22	-6.701	13.094	0.626	61.427	4.776	117.43	0.032	63.647	7.284	122.67	0.026	0.035	-0.181	0.307	0.632	CE(20:4)	Cholesterol Ester	CE Ester
AL	C-peptide	id_041	0.005	-5.52	5.743	0.964	63.642	4.416	115.93	0.038	63.647	4.872	114.59	0.038	0	-0.161	0.122	0.946	CE(22:4)	Cholesterol Ester	CE Ester
AL	C-peptide	id_042	1.6	-6.118	9.101	0.75	62.047	6.469	121.53	0.028	63.647	7.299	121.36	0.03	0.025	-0.127	0.218	0.748	CE(22:5)	Cholesterol Ester	CE Ester
AL	C-peptide	id_043	-0.242	-6.743	8.642	0.924	63.889	3.86	122.25	0.028	63.647	5.135	122.15	0.028	-0.004	-0.167	0.254	0.928	CE(22:6)	Cholesterol Ester	CE Ester
AL	C-peptide	id_044	3.11	-3.973	12.304	0.376	60.537	1.967	114.23	0.042	63.647	7.338	119.35	0.028	0.049	-0.1	0.309	0.388	CE(24:0)	Cholesterol Ester	CE Ester
AL	C-peptide	id_045	4.043	-3.475	14.221	0.332	59.604	8.044	113.42	0.02	63.647	9.266	118.52	0.018	0.064	-0.096	0.335	0.334	CE(24:1)	Cholesterol Ester	CE Ester
AL	C-peptide	id_046	-0.111	-5.221	4.792	1	63.758	8.421	117.44	0.024	63.647	9.355	116.82	0.026	-0.002	-0.145	0.115	0.998	CER(14:0)	Sphingolipids	Ceramide
AL	C-peptide	id_047	-0.097	-5.824	7.16	0.972	63.744	6.095	119.57	0.032	63.647	6.582	118.55	0.028	-0.002	-0.158	0.184	0.976	CER(16:0)	Sphingolipids	Ceramide

AL	C-peptide	id_048	-5.032	-21.52	10.911	0.528	68.679	12.095	124.95	0.03	63.647	5.893	120.52	0.036	-0.079	-0.673	0.205	0.556	CER(18:0)	Sphingolipids	Ceramide
AL	C-peptide	id_049	-4.131	-15.24	4.824	0.42	67.778	12.099	127.59	0.028	63.647	7.611	124.83	0.028	-0.065	-0.524	0.134	0.432	CER(18:1)	Sphingolipids	Ceramide
AL	C-peptide	id_050	-4.267	-19.68	10.895	0.538	67.914	8.447	115.24	0.02	63.647	6.738	113.68	0.024	-0.067	-0.685	0.216	0.558	CER(20:0)	Sphingolipids	Ceramide
AL	C-peptide	id_051	-3.006	-17.74	12.272	0.624	66.653	7.784	117.89	0.02	63.647	5.121	117.48	0.034	-0.047	-0.687	0.251	0.654	CER(20:1)	Sphingolipids	Ceramide
AL	C-peptide	id_052	-0.558	-17.64	17.114	0.926	64.205	9.328	116.19	0.022	63.647	8.617	118.43	0.022	-0.009	-0.506	0.365	0.928	CER(22:0)	Sphingolipids	Ceramide
AL	C-peptide	id_053	-17.78	-38.17	-0.199	0.05	81.428	29.456	134.72	0.004	63.647	10.405	118.06	0.018	-0.279	-1.61	0.014	0.068	CER(22:1)	Sphingolipids	Ceramide
AL	C-peptide	id_054	0.456	-12.76	15.503	0.912	63.192	9.735	115.31	0.028	63.647	8.603	116.73	0.032	0.007	-0.336	0.283	0.912	CER(24:0)	Sphingolipids	Ceramide
AL	C-peptide	id_055	0.059	-13.87	18.462	0.942	63.588	3.452	115.5	0.046	63.647	2.596	119.79	0.046	0.001	-0.441	0.378	0.928	CER(24:1)	Sphingolipids	Ceramide
AL	C-peptide	id_057	-0.906	-12.89	12.743	0.894	64.553	6.708	121.26	0.022	63.647	6.613	122.2	0.026	-0.014	-0.393	0.266	0.912	CER(26:1)	Sphingolipids	Ceramide
AL	C-peptide	id_116	-0.707	-14.7	11.397	0.908	64.354	7.694	120.58	0.028	63.647	4.534	118.9	0.028	-0.011	-0.52	0.23	0.924	DCER(14:0)	Sphingolipids	Dihydroceramide
AL	C-peptide	id_117	0.396	-5.575	8.298	0.826	63.251	8.267	116.99	0.024	63.647	7.784	116.85	0.02	0.006	-0.129	0.215	0.826	DCER(16:0)	Sphingolipids	Dihydroceramide
AL	C-peptide	id_118	-2.528	-17.05	10.909	0.674	66.175	8.561	120.06	0.028	63.647	6.393	115.16	0.03	-0.04	-0.441	0.275	0.696	DCER(18:0)	Sphingolipids	Dihydroceramide
AL	C-peptide	id_119	4.273	-10.56	19.033	0.536	59.374	8.401	113.45	0.032	63.647	8.804	119.53	0.03	0.067	-0.339	0.464	0.538	DCER(18:1)	Sphingolipids	Dihydroceramide
AL	C-peptide	id_120	-2.189	-19.37	15.955	0.838	65.836	8.573	118.51	0.024	63.647	7.15	118.56	0.032	-0.034	-0.588	0.343	0.858	DCER(20:0)	Sphingolipids	Dihydroceramide
AL	C-peptide	id_121	1.694	-16.9	19.643	0.836	61.953	5.291	112.51	0.022	63.647	6.982	116.04	0.03	0.027	-0.462	0.428	0.822	DCER(20:1)	Sphingolipids	Dihydroceramide
AL	C-peptide	id_122	-1.878	-20	21.002	0.86	65.526	14.358	117.98	0.008	63.647	9.893	122.15	0.014	-0.03	-0.745	0.329	0.866	DCER(22:0)	Sphingolipids	Dihydroceramide
AL	C-peptide	id_123	-2.767	-20.93	14.138	0.758	66.414	13.112	123.45	0.02	63.647	5.316	122.58	0.028	-0.043	-0.933	0.276	0.782	DCER(22:1)	Sphingolipids	Dihydroceramide
AL	C-peptide	id_124	-1.275	-15.19	15.335	0.832	64.922	10.442	124.1	0.026	63.647	10.369	122.23	0.026	-0.02	-0.363	0.299	0.834	DCER(22:2)	Sphingolipids	Dihydroceramide
AL	C-peptide	id_125	0.62	-15.76	18.657	0.974	63.027	9.295	111.44	0.02	63.647	9.484	117.16	0.024	0.01	-0.402	0.34	0.962	DCER(24:0)	Sphingolipids	Dihydroceramide
AL	C-peptide	id_126	-7.209	-27.75	14.303	0.47	70.856	15.807	124.48	0.004	63.647	7.307	116.63	0.026	-0.113	-1.018	0.286	0.496	DCER(24:1)	Sphingolipids	Dihydroceramide

AL	C-peptide	id_128	-0.88	-9.153	6.717	0.872	64.527	9.635	120.97	0.022	63.647	9.253	120.96	0.028	-0.014	-0.212	0.155	0.88	DCER(26:1)	Sphingolipids	Dihydroceramide
AL	C-peptide	id_129	0.023	-8.326	11.701	0.982	63.624	4.282	116.5	0.03	63.647	4.445	116.77	0.024	0	-0.212	0.321	0.978	HCER(14:0)	Sphingolipids	Hexosylceramide
AL	C-peptide	id_130	0.034	-9.335	10.889	0.992	63.613	4.401	118.44	0.036	63.647	5.129	118.6	0.034	0.001	-0.299	0.302	0.974	HCER(16:0)	Sphingolipids	Hexosylceramide
AL	C-peptide	id_131	1.369	-6.424	13.993	0.69	62.278	1.471	117.78	0.04	63.647	4.959	119.99	0.034	0.022	-0.147	0.331	0.696	HCER(18:0)	Sphingolipids	Hexosylceramide
AL	C-peptide	id_132	-3.399	-15.2	4.958	0.464	67.046	13.191	117.09	0.006	63.647	10.47	115.09	0.01	-0.053	-0.534	0.102	0.474	HCER(18:1)	Sphingolipids	Hexosylceramide
AL	C-peptide	id_133	5.503	-5.095	22.254	0.334	58.144	2.288	118	0.044	63.647	5.741	122.42	0.028	0.086	-0.166	0.513	0.338	HCER(20:0)	Sphingolipids	Hexosylceramide
AL	C-peptide	id_134	-1.45	-8.782	5.3	0.734	65.097	10.134	121.87	0.02	63.647	8.979	120.67	0.02	-0.023	-0.23	0.114	0.742	HCER(20:1)	Sphingolipids	Hexosylceramide
AL	C-peptide	id_135	1.403	-12.88	14.459	0.816	62.244	6.458	115.46	0.028	63.647	7.523	118.23	0.032	0.022	-0.408	0.451	0.804	HCER(22:0)	Sphingolipids	Hexosylceramide
AL	C-peptide	id_136	1.762	-4.081	12.388	0.526	61.885	8.142	115.4	0.03	63.647	9.763	118.99	0.03	0.028	-0.095	0.246	0.552	HCER(22:1)	Sphingolipids	Hexosylceramide
AL	C-peptide	id_137	1.798	-11.77	16.28	0.778	61.849	9.589	116.64	0.028	63.647	9.255	122.1	0.026	0.028	-0.35	0.379	0.772	HCER(24:0)	Sphingolipids	Hexosylceramide
AL	C-peptide	id_138	0.714	-9.93	15.348	0.87	62.933	10.028	120.92	0.02	63.647	11.774	122.21	0.018	0.011	-0.242	0.296	0.868	HCER(24:1)	Sphingolipids	Hexosylceramide
AL	C-peptide	id_139	0.838	-6.698	8.091	0.796	62.809	5.443	111.21	0.036	63.647	5.099	113.42	0.03	0.013	-0.155	0.181	0.798	HCER(26:0)	Sphingolipids	Hexosylceramide
AL	C-peptide	id_141	0.499	-7.794	9.632	0.932	63.148	8.685	118.4	0.028	63.647	8.775	120.12	0.03	0.008	-0.178	0.17	0.934	LCER(14:0)	Sphingolipids	Lactosylceramide
AL	C-peptide	id_142	-1.854	-14.79	12.064	0.8	65.501	11.986	124.37	0.012	63.647	8.792	121.91	0.01	-0.029	-0.426	0.218	0.798	LCER(16:0)	Sphingolipids	Lactosylceramide
AL	C-peptide	id_144	-0.119	-7.999	6.921	0.99	63.766	9.241	120.68	0.022	63.647	8.484	121.71	0.02	-0.002	-0.17	0.157	0.994	LCER(18:1)	Sphingolipids	Lactosylceramide
AL	C-peptide	id_145	0.495	-4.858	9.335	0.81	63.152	6.617	119.73	0.022	63.647	7.409	120.38	0.016	0.008	-0.104	0.183	0.806	LCER(20:0)	Sphingolipids	Lactosylceramide
AL	C-peptide	id_146	-0.086	-7.19	10.617	0.932	63.733	8.298	122.21	0.03	63.647	8.512	121.59	0.026	-0.001	-0.19	0.283	0.93	LCER(20:1)	Sphingolipids	Lactosylceramide
AL	C-peptide	id_147	2.019	-11.35	15.871	0.754	61.629	6.739	118.64	0.02	63.647	7.759	122.55	0.022	0.032	-0.261	0.372	0.752	LCER(22:0)	Sphingolipids	Lactosylceramide
AL	C-peptide	id_148	0.789	-5.886	11.479	0.872	62.858	10.63	117.37	0.018	63.647	10.989	118.97	0.02	0.012	-0.124	0.209	0.876	LCER(22:1)	Sphingolipids	Lactosylceramide
AL	C-peptide	id_149	2.271	-13.79	21.408	0.792	61.376	5.868	113.29	0.034	63.647	6.194	116.67	0.034	0.036	-0.585	0.478	0.79	LCER(24:0)	Sphingolipids	Lactosylceramide

AL	C-peptide	id_152	4.807	-5.527	17.784	0.322	58.84	-0.003	113.35	0.05	63.647	2.306	116.16	0.042	0.076	-0.191	0.471	0.348	LCER(26:1)	Sphingolipids	Lactosylcera
AL	C-peptide	id_154	10.08	-1.502	35.362	0.148	53.567	-0.03	107.41	0.052	63.647	11.507	122.4	0.014	0.158	-0.04	0.921	0.158	LPC(15:0)	Lysophosphatidylcholine	mid
AL	C-peptide	id_157	-0.245	-18.55	20.31	0.962	63.892	10.284	117.35	0.022	63.647	7.421	120.95	0.032	-0.004	-0.724	0.434	0.982	LPC(17:0)	Lysophosphatidylcholine	LPC Ester
AL	C-peptide	id_170	0.32	-8.727	13.94	0.898	63.327	7.63	115.45	0.03	63.647	7.891	118.01	0.028	0.005	-0.227	0.251	0.902	LPC(22:6)	Lysophosphatidylcholine	LPC Ester
AL	C-peptide	id_181	2.735	-4.289	15.009	0.468	60.912	-0.101	119.92	0.052	63.647	3.023	121.9	0.04	0.043	-0.128	0.481	0.492	LPE(20:4)	Lysophosphatidylethanolamine	LPE Ester
AL	C-peptide	id_186	-0.087	-4.504	7.811	0.862	63.734	8.527	119.92	0.03	63.647	9.643	121.1	0.028	-0.001	-0.134	0.178	0.874	MAG(12:0)	MAG	Ester
AL	C-peptide	id_188	1.345	-5.897	10.392	0.708	62.302	4.616	120.58	0.036	63.647	6.881	119.28	0.03	0.021	-0.154	0.257	0.706	MAG(14:1)	MAG	Ester
AL	C-peptide	id_189	-0.529	-6.265	6.304	0.994	64.176	11.263	118.42	0.02	63.647	11.723	119.56	0.018	-0.008	-0.125	0.166	0.992	MAG(15:0)	MAG	Ester
AL	C-peptide	id_195	1.06	-7.863	11.801	0.86	62.587	9.31	117.41	0.018	63.647	9.766	119.48	0.02	0.017	-0.192	0.24	0.86	MAG(18:2)	MAG	Ester
AL	C-peptide	id_203	0.149	-4.311	7.154	0.928	63.498	3.759	120.39	0.04	63.647	5.509	119.84	0.04	0.002	-0.112	0.2	0.932	MAG(20:5)	MAG	Ester
AL	C-peptide	id_204	-4.431	-17.74	4.481	0.42	68.078	13.45	121.64	0.01	63.647	9.737	118.93	0.016	-0.07	-0.422	0.09	0.424	MAG(22:0)	MAG	Ester
AL	C-peptide	id_205	-1.97	-11.1	8.193	0.652	65.617	12.889	117.82	0.014	63.647	10.519	116.57	0.016	-0.031	-0.295	0.143	0.652	MAG(22:1)	MAG	Ester
AL	C-peptide	id_208	-0.083	-7.953	4.665	0.856	63.731	10.905	122.3	0.022	63.647	10.66	120.35	0.02	-0.001	-0.183	0.09	0.86	MAG(22:5)	MAG	Ester
AL	C-peptide	id_209	-4.024	-18.17	5.737	0.428	67.671	15.223	121.63	0.01	63.647	11.167	117.55	0.012	-0.063	-0.59	0.104	0.432	MAG(22:6)	MAG	Ester
AL	C-peptide	id_228	0.862	-6.136	8.732	0.808	62.785	2.482	120.87	0.034	63.647	3.908	119.72	0.032	0.014	-0.176	0.238	0.796	PC(15:0/18:2)	Phosphatidylcholine	PC Ester
AL	C-peptide	id_230	0.559	-7.188	10.074	0.832	63.088	2.469	118.68	0.042	63.647	2.916	119.59	0.042	0.009	-0.226	0.281	0.83	PC(15:0/20:4)	Phosphatidylcholine	PC Ester
AL	C-peptide	id_241	3.397	-7.066	17.355	0.532	60.25	7.435	114.31	0.022	63.647	9.41	119	0.016	0.053	-0.175	0.345	0.528	PC(16:0/18:2)	Phosphatidylcholine	PC Ester
AL	C-peptide	id_254	-0.119	-4.943	6.976	0.926	63.766	4.843	118.19	0.028	63.647	5.435	118.19	0.03	-0.002	-0.12	0.186	0.908	PC(17:0/18:2)	Phosphatidylcholine	PC Ester
AL	C-peptide	id_257	0.038	-6.717	5.401	0.978	63.609	7.289	121.14	0.028	63.647	6.853	119.51	0.028	0.001	-0.164	0.134	0.982	PC(17:0/20:4)	Phosphatidylcholine	PC Ester
AL	C-peptide	id_272	0.98	-7.266	11.173	0.788	62.667	10.191	118.78	0.02	63.647	10.059	120.26	0.016	0.015	-0.18	0.195	0.796	PC(18:0/20:4)	Phosphatidylcholine	PC Ester

AL	C-peptide	id_279	0.022	-4.887	4.511	0.98	63.625	5.769	115.69	0.036	63.647	3.932	115.47	0.036	0	-0.154	0.097	0.968	PC(18:1/18:2)	Phosphatidylchol ine	PC Ester
AL	C-peptide	id_283	-5.377	-21.89	6.461	0.374	69.024	18.189	124.32	0.004	63.647	11.645	117.66	0.01	-0.084	-0.642	0.124	0.38	PC(18:1/20:3)	Phosphatidylchol ine	PC Ester
AL	C-peptide	id_284	0.166	-6.923	6.449	0.948	63.481	8.88	121.1	0.026	63.647	8.516	123.81	0.026	0.003	-0.151	0.156	0.934	PC(18:1/20:4)	Phosphatidylchol ine	PC Ester
AL	C-peptide	id_289	-0.433	-10.76	7.743	0.944	64.08	9.275	120.71	0.024	63.647	8.813	121.27	0.024	-0.007	-0.371	0.175	0.94	PC(18:2/16:1)	Phosphatidylchol ine	PC Ester
AL	C-peptide	id_354	-5.059	-18.57	6.964	0.398	68.706	11.987	122.86	0.028	63.647	5.921	121.01	0.04	-0.079	-0.755	0.156	0.434	PE(18:1/22:0)	Phosphatidyleth anolamine	PE Ester
AL	C-peptide	id_386	-0.374	-5.832	6.054	0.99	64.021	9.195	120.73	0.026	63.647	9.875	121	0.02	-0.006	-0.13	0.155	0.998	PE(P- 16:0/18:1)	Phosphatidyleth anolamine	PE Plasmalogen
AL	C-peptide	id_398	0.657	-9.778	8.995	0.924	62.991	3.293	115.07	0.04	63.647	2.84	116.22	0.038	0.01	-0.211	0.217	0.918	PE(P- 18:0/16:0)	Phosphatidyleth anolamine	PE Plasmalogen
AL	C-peptide	id_405	-0.86	-8.061	7.279	0.938	64.507	8.055	120.82	0.032	63.647	10.406	119.7	0.032	-0.014	-0.18	0.154	0.93	PE(P- 18:0/20:3)	Phosphatidyleth anolamine	PE Plasmalogen
AL	C-peptide	id_414	-0.088	-6.317	6.29	0.958	63.735	6.051	117.24	0.028	63.647	7.611	116.4	0.03	-0.001	-0.131	0.149	0.96	PE(P- 18:1/18:1)	Phosphatidyleth anolamine	PE Plasmalogen
AL	C-peptide	id_448	0.154	-9.32	12.633	0.92	63.493	6.995	117.37	0.028	63.647	8.031	118.55	0.024	0.002	-0.242	0.312	0.92	SM(14:0)	Sphingolipids	Sphingomyeli n
AL	C-peptide	id_449	-0.108	-6.136	7.092	0.98	63.755	4.918	121.84	0.032	63.647	3.801	121.39	0.038	-0.002	-0.161	0.21	0.966	SM(16:0)	Sphingolipids	Sphingomyeli n
AL	C-peptide	id_450	-0.294	-9.99	9.444	0.948	63.941	3.531	116.93	0.032	63.647	4.275	115.45	0.032	-0.005	-0.253	0.236	0.96	SM(18:0)	Sphingolipids	Sphingomyeli n
AL	C-peptide	id_451	0.638	-9.443	12.367	0.906	63.009	4.954	122.35	0.028	63.647	5.73	121.86	0.024	0.01	-0.214	0.343	0.894	SM(18:1)	Sphingolipids	Sphingomyeli n
AL	C-peptide	id_452	2.265	-5.106	13.593	0.6	61.382	5.894	117.32	0.028	63.647	6.665	121.65	0.026	0.036	-0.148	0.282	0.606	SM(20:0)	Sphingolipids	Sphingomyeli n
AL	C-peptide	id_453	0.912	-9.569	11.142	0.842	62.735	8.964	112.57	0.02	63.647	10.645	114.63	0.028	0.014	-0.288	0.245	0.834	SM(20:1)	Sphingolipids	Sphingomyeli n
AL	C-peptide	id_454	0.885	-5.742	8.956	0.85	62.762	4.288	117.14	0.03	63.647	5.389	118.34	0.028	0.014	-0.174	0.168	0.854	SM(22:0)	Sphingolipids	Sphingomyeli n
AL	C-peptide	id_455	3.306	-3.317	16.276	0.392	60.341	5.707	121.42	0.036	63.647	8.428	125.87	0.028	0.052	-0.093	0.371	0.416	SM(22:1)	Sphingolipids	Sphingomyeli n
AL	C-peptide	id_456	0.834	-3.899	11.321	0.766	62.813	8.155	117.79	0.022	63.647	7.595	118.8	0.022	0.013	-0.11	0.206	0.768	SM(24:0)	Sphingolipids	Sphingomyeli n

AL	C-peptide	id_457	0.167	-4.813	6.865	0.914	63.48	8.131	113.56	0.024	63.647	8.724	116.94	0.022	0.003	-0.115	0.183	0.916	SM(24:1)	Sphingolipids	Sphingomyelin
AL	C-peptide	id_458	0.257	-4.441	6.302	0.912	63.39	7.628	118.17	0.036	63.647	6.499	118.52	0.032	0.004	-0.124	0.172	0.932	SM(26:0)	Sphingolipids	Sphingomyelin
AL	C-peptide	id_459	0.353	-5.406	8.453	0.83	63.294	6.818	116.68	0.03	63.647	7.335	119.81	0.028	0.006	-0.126	0.198	0.838	SM(26:1) TAG51:3-	Sphingolipids	Sphingomyelin
AL	C-peptide	id_660	-8.484	-27.46	16.153	0.468	72.131	20.57	119.96	0.004	63.647	9.086	119.94	0.02	-0.133	-1.315	0.265	0.488	FA16:0 TAG51:3-	Triacylglycerol	TAG Ester
AL	C-peptide	id_663	-4.041	-20.05	17.101	0.68	67.688	11.237	123.07	0.018	63.647	7.415	121.04	0.026	-0.063	-0.674	0.327	0.698	FA18:1 TAG51:4-	Triacylglycerol	TAG Ester
AL	C-peptide	id_667	-4.878	-21.84	23.056	0.714	68.525	12.131	120.59	0.024	63.647	6.604	120.3	0.026	-0.077	-1.034	0.363	0.724	FA16:0 TAG53:3-	Triacylglycerol	TAG Ester
AL	C-peptide	id_755	7.056	-2.531	25.169	0.22	56.591	-0.515	114.23	0.052	63.647	8.705	123.62	0.022	0.111	-0.143	0.797	0.242	FA18:0 TAG53:4-	Triacylglycerol	TAG Ester
AL	C-peptide	id_760	-4.346	-22.49	10.29	0.506	67.993	11.799	118.4	0.024	63.647	7.497	113.04	0.036	-0.068	-0.701	0.224	0.542	FA18:0 TAG53:4-	Triacylglycerol	TAG Ester
AL	C-peptide	id_761	-1.497	-17.64	18.544	0.838	65.144	11.329	122.79	0.03	63.647	5.583	119.44	0.03	-0.024	-0.607	0.354	0.86	FA18:1 TAG53:5-	Triacylglycerol	TAG Ester
AL	C-peptide	id_765	3.302	-9.714	18.327	0.656	60.346	6.085	113.73	0.024	63.647	9.725	118.19	0.018	0.052	-0.258	0.427	0.654	FA18:1 TAG53:5-	Triacylglycerol	TAG Ester
AL	C-peptide	id_766	-1.065	-15.45	16.369	0.906	64.713	9.898	114.39	0.018	63.647	9.124	114.28	0.018	-0.017	-0.567	0.332	0.916	FA18:2 TAG53:6-	Triacylglycerol	TAG Ester
AL	C-peptide	id_769	0.482	-9.129	9.314	0.936	63.165	7.161	123.68	0.024	63.647	5.987	123.97	0.024	0.008	-0.296	0.202	0.936	FA18:1 TAG53:6-	Triacylglycerol	TAG Ester
AL	C-peptide	id_770	3.88	-10.89	25.495	0.628	59.767	5.921	114.2	0.024	63.647	7.784	120.06	0.012	0.061	-0.332	0.521	0.628	FA18:2 TAG53:6-	Triacylglycerol	TAG Ester
AL	C-peptide	id_771	-0.561	-13.28	13.335	0.908	64.208	10.545	120.26	0.026	63.647	9.312	120.27	0.03	-0.009	-0.387	0.281	0.914	FA18:3 TAG53:7-	Triacylglycerol	TAG Ester
AL	C-peptide	id_773	-1.185	-8.658	8.026	0.86	64.832	6.054	121.14	0.024	63.647	6.457	120.5	0.02	-0.019	-0.21	0.192	0.856	FA18:3 TAG55:6-	Triacylglycerol	TAG Ester
AL	C-peptide	id_856	0.408	-11.88	15.381	0.968	63.239	8.349	121.38	0.028	63.647	7.386	122.97	0.024	0.006	-0.368	0.351	0.956	FA18:1 TAG55:6-	Triacylglycerol	TAG Ester
AL	C-peptide	id_857	-0.093	-6.629	8.157	0.958	63.74	3.884	117.93	0.038	63.647	1.506	117.59	0.042	-0.001	-0.184	0.226	0.944	FA20:3 TAG55:7-	Triacylglycerol	TAG Ester
AL	C-peptide	id_860	-2.416	-22.23	18.945	0.784	66.063	12.328	120.37	0.016	63.647	7.195	120.2	0.026	-0.038	-0.842	0.373	0.806	FA18:1 TAG55:7-	Triacylglycerol	TAG Ester
AL	C-peptide	id_861	2.284	-9.611	16.638	0.694	61.363	8.345	115.66	0.028	63.647	7.888	118.51	0.026	0.036	-0.331	0.361	0.696	FA20:3 TAG55:7-	Triacylglycerol	TAG Ester
AL	C-peptide	id_862	-1.768	-15.07	10.13	0.766	65.415	12.506	120.08	0.024	63.647	11.244	119.47	0.028	-0.028	-0.398	0.189	0.782	FA20:4	Triacylglycerol	TAG Ester

AL	C-peptide	id_864	3.808	-11.69	21.754	0.662	59.839	2.843	108.82	0.036	63.647	8.463	113.85	0.02	0.06	-0.368	0.517	0.662	TAG55:8-FA20:4	Triacylglycerol	TAG Ester
AL	C-peptide	id_939	0.589	-8.697	10.902	0.89	63.058	6.319	120.2	0.042	63.647	5.641	122.67	0.036	0.009	-0.268	0.252	0.902	TAG57:9-FA22:6	Triacylglycerol	TAG Ester
AL	C-peptide	id_978	0.54	-12.19	12.843	0.926	63.108	7.679	119.3	0.026	63.647	5.495	119.55	0.028	0.008	-0.321	0.227	0.914	Total CE	Neutral Complex Lipids SUM	Cholesteryl Esters
AL	C-peptide	id_979	0.129	-14.58	16.569	0.974	63.519	6.414	118.78	0.026	63.647	6.228	120.91	0.03	0.002	-0.499	0.346	0.948	Total CER	Sphingolipid SUM	Ceramides
AL	C-peptide	id_981	1.097	-16.13	23.156	0.852	62.55	9.492	115	0.016	63.647	9.658	120.12	0.016	0.017	-0.533	0.431	0.84	Total DCER	Sphingolipid SUM	Dihydroceramides
AL	C-peptide	id_982	1.475	-10.21	14.415	0.772	62.172	5.711	121.58	0.03	63.647	6.208	125.3	0.024	0.023	-0.292	0.315	0.772	Total HCER	Sphingolipid SUM	Hexosylceramides
AL	C-peptide	id_983	-1.114	-15.55	14.495	0.902	64.761	7.139	117.59	0.026	63.647	6.295	117.95	0.034	-0.017	-0.5	0.338	0.912	Total LCER	Sphingolipid SUM	Lactosylceramides
AL	C-peptide	id_987	1.45	-13.09	15.48	0.814	62.197	5.362	113.16	0.03	63.647	7.038	117.7	0.028	0.023	-0.366	0.366	0.806	Total PC	Phospholipid SUM	Phosphatidylcholines
AL	C-peptide	id_990	0.409	-3.654	8.08	0.8	63.238	4.324	122.7	0.038	63.647	4.834	123.75	0.032	0.006	-0.086	0.191	0.808	Total SM	Sphingolipid SUM	Sphingomyelins
AL	C-peptide	id_039	8.004	-2.854	20.669	0.132	55.643	-0.606	115.74	0.052	63.647	6.216	125.09	0.034	0.126	-0.127	0.495	0.162	CE(22:1)	Cholesterol Ester	CE Ester
AL	C-peptide	id_060	4.174	-13.05	18.972	0.574	59.474	5.763	117.67	0.026	63.647	4.957	121.55	0.03	0.066	-0.521	0.378	0.584	DAG(12:0/18:1)	Diacylglycerol	DAG Ester
AL	C-peptide	id_071	-3.881	-19.04	16.52	0.682	67.528	9.458	119.61	0.024	63.647	6.096	118.65	0.036	-0.061	-0.626	0.356	0.706	DAG(14:1/16:0)	Diacylglycerol	DAG Ester
AL	C-peptide	id_072	-1.658	-11.19	9.062	0.8	65.305	5.524	120.61	0.024	63.647	6.632	118.83	0.032	-0.026	-0.272	0.216	0.816	DAG(14:1/18:1)	Diacylglycerol	DAG Ester
AL	C-peptide	id_150	-0.754	-19.07	18.669	0.9	64.402	10.052	117.44	0.026	63.647	6.664	116.86	0.03	-0.012	-0.648	0.351	0.906	LCER(24:1)	Sphingolipids	Lactosylceramide
AL	C-peptide	id_151	-5.444	-20.31	3.317	0.234	69.091	12.768	129.93	0.022	63.647	6.635	121.68	0.026	-0.086	-0.664	0.076	0.248	LCER(26:0)	Sphingolipids	Lactosylceramide
AL	C-peptide	id_160	-2.184	-24.05	16.133	0.87	65.831	17.717	120.55	0.01	63.647	9.936	121.41	0.03	-0.034	-0.956	0.312	0.896	LPC(18:2)	Lysophosphatidylcholine	LPC Ester
AL	C-peptide	id_196	-1.416	-9.131	6.194	0.692	65.063	9.283	122.01	0.012	63.647	10.025	118.25	0.016	-0.022	-0.256	0.14	0.696	MAG(18:3)	MAG	Ester
AL	C-peptide	id_199	-1.675	-12.21	4.617	0.594	65.322	12.961	119.56	0.022	63.647	9.025	116.9	0.024	-0.026	-0.332	0.116	0.614	MAG(20:1)	MAG	Ester
AL	C-peptide	id_200	-1.15	-13.22	7.279	0.714	64.797	8.464	120.49	0.018	63.647	7.032	117.02	0.024	-0.018	-0.299	0.15	0.722	MAG(20:2)	MAG	Ester
AL	C-peptide	id_201	-0.989	-11.54	8.125	0.794	64.636	5.378	118.82	0.028	63.647	5.433	117.18	0.03	-0.016	-0.311	0.173	0.8	MAG(20:3)	MAG	Ester

AL	C-peptide	id_251	0.191	-5.227	8.255	0.872	63.456	0.238	116.12	0.05	63.647	0.873	118.48	0.048	0.003	-0.123	0.269	0.86	PC(16:0/22:6)	Phosphatidylchol ine	PC Ester
AL	C-peptide	id_288	0.208	-5.222	7.168	0.92	63.439	5.303	120.38	0.032	63.647	6.448	122.52	0.032	0.003	-0.136	0.145	0.928	PC(18:1/22:6)	Phosphatidylchol ine	PC Ester
AL	C-peptide	id_293	1.146	-4.168	9.117	0.724	62.501	7.707	117.2	0.034	63.647	8.231	119.1	0.032	0.018	-0.1	0.181	0.732	PC(18:2/20:2)	Phosphatidylchol ine	PC Ester
AL	C-peptide	id_298	-0.13	-10.45	8.958	0.948	63.777	7.17	122.61	0.02	63.647	7.602	123.62	0.024	-0.002	-0.323	0.193	0.944	PC(18:2/22:5)	Phosphatidylchol ine	PC Ester
AL	C-peptide	id_332	4.798	-4.845	18.092	0.314	58.849	3.656	115.08	0.038	63.647	9.707	119.43	0.026	0.075	-0.12	0.396	0.324	PE(18:0/18:0)	Phosphatidyleth anolamine	PE Ester
AL	C-peptide	id_359	2.631	-4.389	13.168	0.556	61.016	2.96	117.7	0.036	63.647	6.183	118.76	0.028	0.041	-0.102	0.312	0.568	PE(18:2/16:1)	Phosphatidyleth anolamine	PE Ester
AL	C-peptide	id_366	0.436	-7.718	4.627	0.96	63.211	3.708	121.08	0.038	63.647	3.254	122.14	0.042	0.007	-0.147	0.115	0.958	PE(O- 16:0/18:2)	Phosphatidyleth anolamine	PE Ether
AL	C-peptide	id_368	-0.094	-6.346	6.736	0.93	63.741	8.152	119.31	0.034	63.647	7.42	120.77	0.032	-0.001	-0.162	0.137	0.922	PE(O- 16:0/20:4)	Phosphatidyleth anolamine	PE Ether
AL	C-peptide	id_372	-0.04	-7.069	5.873	0.962	63.687	5.69	116.94	0.026	63.647	7.271	117.76	0.026	-0.001	-0.194	0.163	0.968	PE(O- 16:0/22:6)	Phosphatidyleth anolamine	PE Ether
AL	C-peptide	id_378	-0.042	-5.814	4.088	0.944	63.689	7.926	118.74	0.022	63.647	7.334	118.55	0.024	-0.001	-0.152	0.091	0.948	PE(O- 18:0/20:4)	Phosphatidyleth anolamine	PE Ether
AL	C-peptide	id_381	0.171	-8.598	11.091	0.97	63.476	5.923	119.08	0.024	63.647	7.582	121.39	0.026	0.003	-0.18	0.278	0.96	PE(O- 18:0/22:5)	Phosphatidyleth anolamine	PE Ether
AL	C-peptide	id_382	0.809	-6.387	8.426	0.844	62.838	8.033	117.31	0.028	63.647	8.384	116.31	0.028	0.013	-0.146	0.233	0.844	PE(O- 18:0/22:6)	Phosphatidyleth anolamine	PE Ether
AL	C-peptide	id_387	0.015	-6.062	5.051	0.898	63.632	5.89	125.28	0.028	63.647	5.72	124.82	0.026	0	-0.148	0.128	0.892	PE(P- 16:0/18:2)	Phosphatidyleth anolamine	PE Plasmalogen
AL	C-peptide	id_392	-1.117	-8.624	5.006	0.688	64.764	8.999	124.05	0.02	63.647	7.496	122.06	0.02	-0.018	-0.191	0.095	0.696	PE(P- 16:0/20:4)	Phosphatidyleth anolamine	PE Plasmalogen
AL	C-peptide	id_395	0.342	-6.058	12.751	0.798	63.305	5.663	119.98	0.026	63.647	6.535	121.5	0.026	0.005	-0.13	0.24	0.796	PE(P- 16:0/22:5)	Phosphatidyleth anolamine	PE Plasmalogen
AL	C-peptide	id_396	0.067	-5.808	4.461	0.918	63.58	10.008	119.97	0.034	63.647	10.633	119.51	0.034	0.001	-0.146	0.114	0.908	PE(P- 16:0/22:6)	Phosphatidyleth anolamine	PE Plasmalogen
AL	C-peptide	id_401	0.086	-6.853	7.76	0.924	63.561	7.763	117.64	0.032	63.647	7.417	117.01	0.032	0.001	-0.168	0.146	0.928	PE(P- 18:0/18:1)	Phosphatidyleth anolamine	PE Plasmalogen

AL	C-peptide	id_402	-0.059	-6.653	6.628	0.93	63.706	6.731	119.98	0.028	63.647	8.922	121.25	0.026	-0.001	-0.143	0.181	0.928	PE(P-18:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen
AL	C-peptide	id_406	-0.641	-7.704	6.186	0.83	64.288	8.742	121.11	0.026	63.647	9.191	119.03	0.022	-0.01	-0.19	0.125	0.828	PE(P-18:0/20:4)	Phosphatidylethanolamine	PE Plasmalogen
AL	C-peptide	id_409	-0.283	-5.932	8.255	0.902	63.93	6.311	125.64	0.038	63.647	7.861	125.71	0.036	-0.004	-0.132	0.152	0.922	PE(P-18:0/22:5)	Phosphatidylethanolamine	PE Plasmalogen
AL	C-peptide	id_410	-0.609	-8.062	3.695	0.736	64.256	11.211	119.86	0.024	63.647	9.472	119.98	0.028	-0.01	-0.195	0.072	0.744	PE(P-18:0/22:6)	Phosphatidylethanolamine	PE Plasmalogen
AL	C-peptide	id_411	1.67	-8.071	10.809	0.702	61.977	6.31	118.47	0.024	63.647	7.678	118.26	0.024	0.026	-0.196	0.25	0.706	PE(P-18:1/16:0)	Phosphatidylethanolamine	PE Plasmalogen
AL	C-peptide	id_415	-0.1	-7.529	6.236	0.952	63.747	6.044	117.86	0.014	63.647	6.278	116.33	0.016	-0.002	-0.176	0.151	0.952	PE(P-18:1/18:2)	Phosphatidylethanolamine	PE Plasmalogen
AL	C-peptide	id_419	-2.251	-12.94	4.963	0.572	65.898	10.592	123.86	0.014	63.647	8.493	120.45	0.022	-0.035	-0.381	0.131	0.586	PE(P-18:1/20:4)	Phosphatidylethanolamine	PE Plasmalogen
AL	C-peptide	id_421	-5.202	-19.82	12.887	0.494	68.849	10.345	124.49	0.026	63.647	8.713	116.5	0.018	-0.082	-0.621	0.357	0.496	PE(P-18:1/22:4)	Phosphatidylethanolamine	PE Plasmalogen
AL	C-peptide	id_422	-0.414	-5.827	7.481	0.946	64.061	5.773	122.93	0.032	63.647	6.118	121.99	0.032	-0.007	-0.118	0.17	0.942	PE(P-18:1/22:5)	Phosphatidylethanolamine	PE Plasmalogen
AL	C-peptide	id_423	-0.016	-7.324	3.144	0.704	63.663	8.113	118.84	0.028	63.647	6.367	118.37	0.032	0	-0.197	0.073	0.716	PE(P-18:1/22:6)	Phosphatidylethanolamine	PE Plasmalogen
AL	C-peptide	id_424	-1.4	-12.51	4.474	0.712	65.047	14.549	123.23	0.02	63.647	14.368	119.81	0.022	-0.022	-0.272	0.132	0.718	PE(P-18:2/18:2)	Phosphatidylethanolamine	PE Plasmalogen
AL	C-peptide	id_425	-0.146	-5.262	7.003	0.902	63.793	8.764	122.28	0.02	63.647	10.195	121.27	0.018	-0.002	-0.11	0.194	0.896	PE(P-18:2/20:4)	Phosphatidylethanolamine	PE Plasmalogen
CR	CRP	id_023	-0.008	-0.135	0.04	0.804	-0.418	-0.754	-0.065	0.02	-0.426	-0.752	-0.101	0.012	0.019	-0.131	0.445	0.8	CE(15:0)	Cholesterol Ester	CE Ester
CR	CRP	id_024	-0.01	-0.113	0.032	0.596	-0.416	-0.728	-0.076	0.01	-0.426	-0.73	-0.106	0.008	0.022	-0.087	0.417	0.596	CE(16:0)	Cholesterol Ester	CE Ester

CR	CRP	id_026	0.017	-0.083	0.062	0.61	-0.442	-0.789	-0.092	0.012	-0.426	-0.762	-0.097	0.014	-0.039	-0.264	0.249	0.616	CE(17:0)	Cholesterol Ester	CE Ester
CR	CRP	id_027	0.038	-0.021	0.097	0.138	-0.464	-0.839	-0.151	0.006	-0.426	-0.796	-0.122	0.012	-0.09	-0.367	0.068	0.15	CE(18:0)	Cholesterol Ester	CE Ester
CR	CRP	id_028	0.01	-0.063	0.045	0.688	-0.436	-0.756	-0.114	0.012	-0.426	-0.756	-0.105	0.01	-0.024	-0.155	0.178	0.69	CE(18:1)	Cholesterol Ester	CE Ester
CR	CRP	id_029	0.007	-0.081	0.047	0.774	-0.433	-0.792	-0.093	0.01	-0.426	-0.768	-0.096	0.018	-0.016	-0.169	0.256	0.78	CE(18:2)	Cholesterol Ester	CE Ester
CR	CRP	id_033	0.029	-0.005	0.07	0.086	-0.455	-0.773	-0.142	0.002	-0.426	-0.751	-0.12	0.008	-0.068	-0.323	0.013	0.094	CE(20:1)	Cholesterol Ester	CE Ester
CR	CRP	id_034	-0.048	-0.287	0.008	0.11	-0.377	-0.692	0.021	0.06	-0.426	-0.766	-0.098	0.01	0.113	-0.026	0.99	0.12	CE(20:2)	Cholesterol Ester	CE Ester
CR	CRP	id_035	-0.055	-0.314	0.003	0.084	-0.371	-0.692	0.025	0.076	-0.426	-0.747	-0.081	0.018	0.129	-0.014	1.014	0.102	CE(20:3)	Cholesterol Ester	CE Ester
CR	CRP	id_036	-0.042	-0.177	0.011	0.13	-0.384	-0.71	-0.039	0.026	-0.426	-0.745	-0.104	0.01	0.098	-0.029	0.604	0.14	CE(20:4)	Cholesterol Ester	CE Ester
CR	CRP	id_041	-0.008	-0.098	0.032	0.67	-0.417	-0.733	-0.077	0.016	-0.426	-0.734	-0.091	0.012	0.02	-0.093	0.332	0.666	CE(22:4)	Cholesterol Ester	CE Ester
CR	CRP	id_042	-0.013	-0.084	0.025	0.516	-0.413	-0.731	-0.077	0.02	-0.426	-0.749	-0.1	0.014	0.03	-0.061	0.292	0.522	CE(22:5)	Cholesterol Ester	CE Ester
CR	CRP	id_043	-0.002	-0.02	0.029	0.952	-0.424	-0.754	-0.085	0.014	-0.426	-0.75	-0.085	0.014	0.005	-0.101	0.065	0.958	CE(22:6)	Cholesterol Ester	CE Ester
CR	CRP	id_044	-0.005	-0.045	0.035	0.884	-0.421	-0.766	-0.09	0.01	-0.426	-0.754	-0.093	0.008	0.011	-0.115	0.136	0.892	CE(24:0)	Cholesterol Ester	CE Ester
CR	CRP	id_045	0.02	-0.014	0.059	0.216	-0.445	-0.773	-0.109	0.008	-0.426	-0.756	-0.079	0.014	-0.047	-0.322	0.043	0.23	CE(24:1)	Cholesterol Ester	CE Ester
CR	CRP	id_046	-0.017	-0.152	0.034	0.498	-0.408	-0.726	-0.036	0.022	-0.426	-0.742	-0.09	0.006	0.04	-0.109	0.563	0.5	CER(14:0)	Sphingolipids	Ceramide
CR	CRP	id_047	0.02	-0.044	0.064	0.42	-0.446	-0.776	-0.115	0.01	-0.426	-0.757	-0.103	0.008	-0.048	-0.257	0.131	0.428	CER(16:0)	Sphingolipids	Ceramide
CR	CRP	id_048	0.002	-0.137	0.076	0.976	-0.428	-0.735	-0.081	0.012	-0.426	-0.74	-0.082	0.012	-0.005	-0.285	0.481	0.968	CER(18:0)	Sphingolipids	Ceramide
CR	CRP	id_049	-0.02	-0.117	0.044	0.564	-0.406	-0.711	-0.062	0.02	-0.426	-0.736	-0.089	0.006	0.046	-0.122	0.494	0.562	CER(18:1)	Sphingolipids	Ceramide
CR	CRP	id_050	0.014	-0.088	0.061	0.734	-0.44	-0.761	-0.097	0.012	-0.426	-0.751	-0.094	0.008	-0.033	-0.291	0.29	0.73	CER(20:0)	Sphingolipids	Ceramide
CR	CRP	id_051	-0.054	-0.297	0.011	0.148	-0.372	-0.677	0.041	0.098	-0.426	-0.744	-0.096	0.01	0.126	-0.031	1.275	0.158	CER(20:1)	Sphingolipids	Ceramide
CR	CRP	id_052	0.036	-0.032	0.097	0.186	-0.461	-0.826	-0.124	0.01	-0.426	-0.772	-0.094	0.014	-0.084	-0.44	0.107	0.196	CER(22:0)	Sphingolipids	Ceramide
CR	CRP	id_053	-0.013	-0.253	0.046	0.684	-0.413	-0.738	-0.018	0.038	-0.426	-0.765	-0.105	0.006	0.03	-0.152	0.868	0.686	CER(22:1)	Sphingolipids	Ceramide
CR	CRP	id_054	0.026	-0.031	0.069	0.258	-0.452	-0.814	-0.092	0.006	-0.426	-0.788	-0.086	0.006	-0.062	-0.294	0.09	0.26	CER(24:0)	Sphingolipids	Ceramide
CR	CRP	id_055	0.003	-0.071	0.05	0.98	-0.428	-0.766	-0.083	0.012	-0.426	-0.764	-0.086	0.01	-0.006	-0.188	0.202	0.978	CER(24:1)	Sphingolipids	Ceramide
CR	CRP	id_057	-0.027	-0.093	0.014	0.232	-0.399	-0.717	-0.061	0.026	-0.426	-0.749	-0.085	0.022	0.063	-0.088	0.31	0.254	CER(26:1)	Sphingolipids	Ceramide

CR	CRP	id_116	0.001	-0.027	0.041	0.862	-0.426	-0.785	-0.095	0.01	-0.426	-0.785	-0.094	0.01	-0.001	-0.134	0.087	0.868	DCER(14:0)	Sphingolipids	Dihydroceramide
CR	CRP	id_117	0.007	-0.054	0.042	0.754	-0.432	-0.765	-0.119	0.004	-0.426	-0.755	-0.116	0.004	-0.016	-0.177	0.15	0.758	DCER(16:0)	Sphingolipids	Dihydroceramide
CR	CRP	id_118	0.005	-0.075	0.053	0.928	-0.43	-0.758	-0.095	0.006	-0.426	-0.769	-0.093	0.012	-0.011	-0.224	0.249	0.94	DCER(18:0)	Sphingolipids	Dihydroceramide
CR	CRP	id_119	-0.016	-0.069	0.023	0.434	-0.41	-0.731	-0.072	0.02	-0.426	-0.744	-0.094	0.016	0.038	-0.059	0.26	0.438	DCER(18:1)	Sphingolipids	Dihydroceramide
CR	CRP	id_120	0.01	-0.049	0.043	0.578	-0.436	-0.757	-0.107	0.016	-0.426	-0.756	-0.092	0.018	-0.024	-0.171	0.128	0.596	DCER(20:0)	Sphingolipids	Dihydroceramide
CR	CRP	id_121	-0.02	-0.165	0.018	0.278	-0.405	-0.715	-0.076	0.016	-0.426	-0.754	-0.132	0.002	0.048	-0.039	0.523	0.28	DCER(20:1)	Sphingolipids	Dihydroceramide
CR	CRP	id_122	0.02	-0.08	0.063	0.556	-0.445	-0.785	-0.097	0.012	-0.426	-0.757	-0.09	0.01	-0.046	-0.277	0.28	0.558	DCER(22:0)	Sphingolipids	Dihydroceramide
CR	CRP	id_123	-0.006	-0.209	0.031	0.678	-0.42	-0.742	-0.038	0.036	-0.426	-0.765	-0.116	0.01	0.014	-0.104	0.732	0.68	DCER(22:1)	Sphingolipids	Dihydroceramide
CR	CRP	id_124	-0.003	-0.086	0.044	0.87	-0.422	-0.742	-0.078	0.012	-0.426	-0.747	-0.102	0.014	0.008	-0.118	0.298	0.876	DCER(22:2)	Sphingolipids	Dihydroceramide
CR	CRP	id_125	0.017	-0.061	0.059	0.566	-0.443	-0.746	-0.121	0.008	-0.426	-0.734	-0.122	0.004	-0.04	-0.245	0.192	0.566	DCER(24:0)	Sphingolipids	Dihydroceramide
CR	CRP	id_126	-0.004	-0.155	0.029	0.766	-0.422	-0.713	-0.064	0.022	-0.426	-0.758	-0.08	0.014	0.008	-0.102	0.462	0.772	DCER(24:1)	Sphingolipids	Dihydroceramide
CR	CRP	id_128	0.002	-0.019	0.028	0.624	-0.428	-0.771	-0.125	0.004	-0.426	-0.763	-0.119	0.004	-0.006	-0.096	0.057	0.628	DCER(26:1)	Sphingolipids	Dihydroceramide
CR	CRP	id_129	-0.008	-0.066	0.03	0.75	-0.418	-0.737	-0.075	0.01	-0.426	-0.749	-0.08	0.016	0.018	-0.117	0.194	0.742	HCER(14:0)	Sphingolipids	Hexosylceramide
CR	CRP	id_130	0.006	-0.036	0.04	0.646	-0.432	-0.747	-0.085	0.02	-0.426	-0.751	-0.075	0.02	-0.014	-0.177	0.09	0.65	HCER(16:0)	Sphingolipids	Hexosylceramide
CR	CRP	id_131	0.028	-0.019	0.108	0.28	-0.454	-0.762	-0.128	0.012	-0.426	-0.733	-0.079	0.018	-0.066	-0.646	0.066	0.298	HCER(18:0)	Sphingolipids	Hexosylceramide
CR	CRP	id_132	0.025	-0.042	0.074	0.284	-0.451	-0.779	-0.115	0.01	-0.426	-0.757	-0.083	0.014	-0.06	-0.412	0.105	0.294	HCER(18:1)	Sphingolipids	Hexosylceramide
CR	CRP	id_133	0.011	-0.047	0.05	0.654	-0.437	-0.765	-0.101	0.012	-0.426	-0.763	-0.104	0.02	-0.027	-0.214	0.139	0.662	HCER(20:0)	Sphingolipids	Hexosylceramide
CR	CRP	id_134	-0.017	-0.105	0.021	0.426	-0.409	-0.733	-0.058	0.018	-0.426	-0.776	-0.072	0.016	0.039	-0.088	0.335	0.43	HCER(20:1)	Sphingolipids	Hexosylceramide
CR	CRP	id_135	0.027	-0.024	0.068	0.268	-0.453	-0.76	-0.114	0.008	-0.426	-0.744	-0.074	0.012	-0.063	-0.453	0.074	0.28	HCER(22:0)	Sphingolipids	Hexosylceramide
CR	CRP	id_136	-0.016	-0.111	0.037	0.542	-0.41	-0.729	-0.088	0.018	-0.426	-0.749	-0.11	0.01	0.037	-0.123	0.352	0.548	HCER(22:1)	Sphingolipids	Hexosylceramide

CR	CRP	id_137	0.013	-0.049	0.058	0.598	-0.439	-0.744	-0.099	0.01	-0.426	-0.736	-0.077	0.014	-0.032	-0.32	0.145	0.604	HCER(24:0)	Sphingolipids	Hexosylceramide
CR	CRP	id_138	-0.001	-0.023	0.034	0.766	-0.425	-0.724	-0.088	0.008	-0.426	-0.726	-0.093	0.01	0.001	-0.108	0.078	0.764	HCER(24:1)	Sphingolipids	Hexosylceramide
CR	CRP	id_139	0.002	-0.015	0.034	0.558	-0.427	-0.752	-0.092	0.016	-0.426	-0.747	-0.091	0.016	-0.004	-0.121	0.037	0.566	HCER(26:0)	Sphingolipids	Hexosylceramide
CR	CRP	id_141	-0.001	-0.027	0.048	0.914	-0.424	-0.748	-0.102	0.012	-0.426	-0.751	-0.093	0.01	0.003	-0.129	0.07	0.916	LCER(14:0)	Sphingolipids	Lactosylceramide
CR	CRP	id_142	0.001	-0.024	0.04	0.846	-0.427	-0.757	-0.081	0.02	-0.426	-0.746	-0.083	0.018	-0.002	-0.104	0.097	0.852	LCER(16:0)	Sphingolipids	Lactosylceramide
CR	CRP	id_144	0.003	-0.012	0.031	0.574	-0.429	-0.775	-0.128	0.006	-0.426	-0.773	-0.124	0.006	-0.008	-0.109	0.035	0.58	LCER(18:1)	Sphingolipids	Lactosylceramide
CR	CRP	id_145	0.003	-0.028	0.048	0.796	-0.429	-0.763	-0.109	0.006	-0.426	-0.771	-0.102	0.01	-0.008	-0.193	0.068	0.806	LCER(20:0)	Sphingolipids	Lactosylceramide
CR	CRP	id_146	0	-0.018	0.031	0.814	-0.426	-0.761	-0.084	0.01	-0.426	-0.76	-0.08	0.012	-0.001	-0.111	0.055	0.818	LCER(20:1)	Sphingolipids	Lactosylceramide
CR	CRP	id_147	0.004	-0.021	0.038	0.77	-0.429	-0.785	-0.091	0.014	-0.426	-0.786	-0.081	0.012	-0.008	-0.186	0.098	0.774	LCER(22:0)	Sphingolipids	Lactosylceramide
CR	CRP	id_148	0.003	-0.02	0.044	0.73	-0.429	-0.752	-0.068	0.016	-0.426	-0.746	-0.068	0.014	-0.007	-0.151	0.065	0.72	LCER(22:1)	Sphingolipids	Lactosylceramide
CR	CRP	id_149	-0.035	-0.109	0.022	0.238	-0.39	-0.713	-0.055	0.026	-0.426	-0.741	-0.078	0.012	0.083	-0.077	0.459	0.25	LCER(24:0)	Sphingolipids	Lactosylceramide
CR	CRP	id_152	-0.007	-0.044	0.032	0.796	-0.419	-0.762	-0.085	0.018	-0.426	-0.768	-0.084	0.018	0.016	-0.096	0.167	0.794	LCER(26:1)	Sphingolipids	Lactosylceramide
CR	CRP	id_154	0.017	-0.031	0.047	0.382	-0.443	-0.774	-0.095	0.012	-0.426	-0.752	-0.086	0.01	-0.04	-0.216	0.087	0.384	LPC(15:0)	Lysophosphatidylcholine	LPC Ester
CR	CRP	id_157	0.045	-0.021	0.115	0.12	-0.471	-0.777	-0.138	0.002	-0.426	-0.724	-0.085	0.012	-0.106	-0.602	0.059	0.132	LPC(17:0)	Lysophosphatidylcholine	LPC Ester
CR	CRP	id_170	0.002	-0.062	0.072	0.968	-0.427	-0.756	-0.124	0.008	-0.426	-0.766	-0.111	0.014	-0.004	-0.294	0.181	0.978	LPC(22:6)	Lysophosphatidylcholine	LPC Ester
CR	CRP	id_181	0.021	-0.013	0.059	0.23	-0.447	-0.759	-0.106	0.01	-0.426	-0.738	-0.084	0.016	-0.049	-0.229	0.04	0.242	LPE(20:4)	Lysophosphatidylethanolamine	LPE Ester
CR	CRP	id_186	-0.005	-0.039	0.033	0.854	-0.421	-0.732	-0.09	0.012	-0.426	-0.735	-0.088	0.016	0.011	-0.097	0.124	0.85	MAG(12:0)	MAG	Ester
CR	CRP	id_188	-0.002	-0.032	0.045	0.812	-0.423	-0.763	-0.093	0.006	-0.426	-0.764	-0.093	0.014	0.005	-0.161	0.124	0.806	MAG(14:1)	MAG	Ester
CR	CRP	id_189	0.008	-0.018	0.057	0.612	-0.433	-0.754	-0.089	0.006	-0.426	-0.739	-0.08	0.008	-0.018	-0.214	0.063	0.616	MAG(15:0)	MAG	Ester
CR	CRP	id_195	0.024	-0.004	0.067	0.104	-0.45	-0.797	-0.12	0.014	-0.426	-0.775	-0.092	0.016	-0.057	-0.311	0.015	0.12	MAG(18:2)	MAG	Ester
CR	CRP	id_203	0	-0.02	0.069	0.616	-0.425	-0.776	-0.087	0.022	-0.426	-0.749	-0.079	0.024	0.001	-0.2	0.088	0.636	MAG(20:5)	MAG	Ester
CR	CRP	id_204	-0.005	-0.057	0.037	0.788	-0.42	-0.717	-0.073	0.018	-0.426	-0.731	-0.083	0.018	0.013	-0.126	0.145	0.786	MAG(22:0)	MAG	Ester

CR	CRP	id_205	0.005	-0.018	0.032	0.592	-0.43	-0.762	-0.117	0.008	-0.426	-0.753	-0.112	0.012	-0.011	-0.102	0.05	0.596	MAG(22:1)	MAG	Ester
CR	CRP	id_208	0.017	-0.013	0.053	0.292	-0.442	-0.784	-0.098	0.018	-0.426	-0.767	-0.08	0.02	-0.039	-0.222	0.044	0.304	MAG(22:5)	MAG	Ester
CR	CRP	id_209	-0.002	-0.027	0.036	0.844	-0.424	-0.764	-0.103	0.012	-0.426	-0.768	-0.098	0.012	0.005	-0.118	0.089	0.852	MAG(22:6)	MAG	Ester
CR	CRP	id_228	-0.022	-0.109	0.021	0.346	-0.404	-0.725	-0.053	0.014	-0.426	-0.753	-0.087	0.004	0.051	-0.057	0.389	0.342	PC(15:0/18:2)	ine	PC Ester
CR	CRP	id_230	-0.032	-0.118	0.038	0.272	-0.393	-0.727	-0.067	0.02	-0.426	-0.766	-0.091	0.01	0.076	-0.13	0.341	0.274	PC(15:0/20:4)	ine	PC Ester
CR	CRP	id_241	-0.012	-0.065	0.026	0.572	-0.414	-0.735	-0.085	0.01	-0.426	-0.762	-0.095	0.01	0.028	-0.076	0.194	0.578	PC(16:0/18:2)	ine	PC Ester
CR	CRP	id_254	0.013	-0.014	0.043	0.388	-0.439	-0.772	-0.098	0.002	-0.426	-0.758	-0.096	0.008	-0.03	-0.181	0.062	0.396	PC(17:0/18:2)	ine	PC Ester
CR	CRP	id_257	-0.027	-0.122	0.021	0.282	-0.399	-0.732	-0.074	0.014	-0.426	-0.766	-0.109	0.01	0.064	-0.051	0.46	0.292	PC(17:0/20:4)	ine	PC Ester
CR	CRP	id_272	-0.021	-0.13	0.032	0.454	-0.405	-0.747	-0.062	0.028	-0.426	-0.763	-0.097	0.02	0.049	-0.09	0.433	0.466	PC(18:0/20:4)	ine	PC Ester
CR	CRP	id_279	0.029	-0.037	0.073	0.286	-0.455	-0.773	-0.144	0.004	-0.426	-0.756	-0.115	0.012	-0.068	-0.315	0.09	0.298	PC(18:1/18:2)	ine	PC Ester
CR	CRP	id_283	-0.048	-0.25	0.019	0.162	-0.378	-0.694	0.014	0.064	-0.426	-0.753	-0.093	0.008	0.112	-0.05	1.027	0.17	PC(18:1/20:3)	ine	PC Ester
CR	CRP	id_284	-0.022	-0.116	0.03	0.45	-0.404	-0.757	-0.042	0.026	-0.426	-0.772	-0.087	0.014	0.051	-0.079	0.465	0.456	PC(18:1/20:4)	ine	PC Ester
CR	CRP	id_289	-0.017	-0.137	0.037	0.558	-0.409	-0.729	-0.078	0.018	-0.426	-0.759	-0.108	0.012	0.04	-0.134	0.411	0.554	PC(18:2/16:1)	ine	PC Ester
CR	CRP	id_354	0.011	-0.052	0.052	0.676	-0.436	-0.753	-0.124	0.006	-0.426	-0.733	-0.132	0.008	-0.025	-0.224	0.148	0.68	PE(18:1/22:0)	anolamine	PE Ester
CR	CRP	id_386	0.019	-0.038	0.065	0.458	-0.445	-0.763	-0.101	0.006	-0.426	-0.741	-0.086	0.016	-0.045	-0.354	0.133	0.474	PE(P-16:0/18:1)	Phosphatidylethanolamine	PE Plasmalogen
CR	CRP	id_398	0.026	-0.013	0.075	0.186	-0.452	-0.756	-0.128	0.01	-0.426	-0.729	-0.086	0.02	-0.061	-0.353	0.041	0.206	PE(P-18:0/16:0)	Phosphatidylethanolamine	PE Plasmalogen
CR	CRP	id_405	0.024	-0.062	0.09	0.472	-0.45	-0.773	-0.114	0.008	-0.426	-0.754	-0.089	0.016	-0.057	-0.458	0.153	0.48	PE(P-18:0/20:3)	Phosphatidylethanolamine	PE Plasmalogen
CR	CRP	id_414	0.029	-0.023	0.085	0.232	-0.455	-0.755	-0.132	0.008	-0.426	-0.72	-0.109	0.014	-0.068	-0.388	0.062	0.246	PE(P-18:1/18:1)	Phosphatidylethanolamine	PE Plasmalogen
CR	CRP	id_448	-0.013	-0.122	0.029	0.57	-0.412	-0.73	-0.085	0.022	-0.426	-0.751	-0.119	0.016	0.031	-0.093	0.349	0.574	SM(14:0)	Sphingolipids	Sphingomyelin

CR	CRP	id_449	0.014	-0.022	0.049	0.38	-0.439	-0.788	-0.144	0.01	-0.426	-0.787	-0.121	0.012	-0.032	-0.208	0.057	0.388	SM(16:0)	Sphingolipids	Sphingomyelin
CR	CRP	id_450	-0.001	-0.102	0.048	0.908	-0.424	-0.729	-0.084	0.014	-0.426	-0.745	-0.097	0.01	0.003	-0.196	0.321	0.91	SM(18:0)	Sphingolipids	Sphingomyelin
CR	CRP	id_451	0.004	-0.109	0.065	0.982	-0.43	-0.768	-0.094	0.008	-0.426	-0.768	-0.091	0.014	-0.01	-0.275	0.301	0.992	SM(18:1)	Sphingolipids	Sphingomyelin
CR	CRP	id_452	-0.015	-0.1	0.022	0.438	-0.41	-0.75	-0.079	0.024	-0.426	-0.758	-0.106	0.014	0.036	-0.06	0.308	0.452	SM(20:0)	Sphingolipids	Sphingomyelin
CR	CRP	id_453	-0.023	-0.129	0.023	0.338	-0.402	-0.738	-0.084	0.016	-0.426	-0.77	-0.112	0.008	0.055	-0.075	0.434	0.342	SM(20:1)	Sphingolipids	Sphingomyelin
CR	CRP	id_454	-0.001	-0.096	0.038	0.926	-0.425	-0.746	-0.094	0.02	-0.426	-0.74	-0.112	0.018	0.002	-0.12	0.29	0.936	SM(22:0)	Sphingolipids	Sphingomyelin
CR	CRP	id_455	-0.026	-0.158	0.015	0.262	-0.4	-0.738	-0.041	0.036	-0.426	-0.779	-0.082	0.02	0.061	-0.047	0.526	0.274	SM(22:1)	Sphingolipids	Sphingomyelin
CR	CRP	id_456	-0.03	-0.137	0.014	0.208	-0.396	-0.735	-0.068	0.018	-0.426	-0.761	-0.097	0.008	0.071	-0.049	0.466	0.216	SM(24:0)	Sphingolipids	Sphingomyelin
CR	CRP	id_457	-0.02	-0.086	0.046	0.384	-0.405	-0.752	-0.076	0.022	-0.426	-0.759	-0.088	0.022	0.048	-0.157	0.243	0.39	SM(24:1)	Sphingolipids	Sphingomyelin
CR	CRP	id_458	0.007	-0.012	0.032	0.426	-0.432	-0.764	-0.129	0.008	-0.426	-0.743	-0.117	0.008	-0.016	-0.123	0.03	0.426	SM(26:0)	Sphingolipids	Sphingomyelin
CR	CRP	id_459	0.002	-0.017	0.032	0.584	-0.427	-0.747	-0.089	0.016	-0.426	-0.744	-0.081	0.016	-0.004	-0.112	0.045	0.592	SM(26:1)	Sphingolipids	Sphingomyelin
CR	CRP	id_660	-0.009	-0.266	0.033	0.672	-0.417	-0.739	0.044	0.078	-0.426	-0.761	-0.084	0.012	0.021	-0.105	1.083	0.684	FA16:0 TAG51:3-	Triacylglycerol	TAG Ester
CR	CRP	id_663	-0.005	-0.168	0.044	0.792	-0.42	-0.756	-0.011	0.04	-0.426	-0.75	-0.088	0.018	0.013	-0.119	0.684	0.81	FA18:1 TAG51:3-	Triacylglycerol	TAG Ester
CR	CRP	id_667	-0.003	-0.194	0.037	0.814	-0.423	-0.728	0.004	0.056	-0.426	-0.732	-0.094	0.012	0.007	-0.103	0.879	0.826	FA16:0 TAG51:4-	Triacylglycerol	TAG Ester
CR	CRP	id_755	0.008	-0.056	0.033	0.666	-0.434	-0.73	-0.096	0.012	-0.426	-0.722	-0.093	0.012	-0.02	-0.136	0.192	0.674	FA18:0 TAG53:3-	Triacylglycerol	TAG Ester
CR	CRP	id_760	0.011	-0.068	0.036	0.588	-0.436	-0.76	-0.079	0.014	-0.426	-0.747	-0.091	0.012	-0.025	-0.156	0.213	0.596	FA18:0 TAG53:4-	Triacylglycerol	TAG Ester
CR	CRP	id_761	0.008	-0.149	0.035	0.732	-0.434	-0.738	-0.081	0.02	-0.426	-0.739	-0.106	0.012	-0.02	-0.133	0.488	0.728	FA18:1 TAG53:4-	Triacylglycerol	TAG Ester
CR	CRP	id_765	0.01	-0.072	0.035	0.594	-0.436	-0.766	-0.087	0.014	-0.426	-0.758	-0.088	0.01	-0.023	-0.147	0.245	0.592	FA18:1 TAG53:5-	Triacylglycerol	TAG Ester
CR	CRP	id_766	0.009	-0.126	0.038	0.684	-0.435	-0.752	-0.069	0.018	-0.426	-0.76	-0.113	0.006	-0.022	-0.124	0.472	0.682	FA18:2 TAG53:5-	Triacylglycerol	TAG Ester
CR	CRP	id_769	0.009	-0.038	0.036	0.504	-0.435	-0.745	-0.12	0.01	-0.426	-0.732	-0.11	0.01	-0.022	-0.13	0.097	0.514	FA18:1 TAG53:6-	Triacylglycerol	TAG Ester

CR	CRP	id_770	0.01	-0.073	0.037	0.66	-0.436	-0.768	-0.059	0.018	-0.426	-0.765	-0.079	0.012	-0.024	-0.147	0.307	0.664	TAG53:6-FA18:2	Triacylglycerol	TAG Ester
CR	CRP	id_771	0.011	-0.083	0.039	0.646	-0.436	-0.77	-0.07	0.016	-0.426	-0.759	-0.07	0.012	-0.025	-0.13	0.322	0.646	TAG53:6-FA18:3	Triacylglycerol	TAG Ester
CR	CRP	id_773	0.009	-0.044	0.035	0.59	-0.435	-0.745	-0.091	0.01	-0.426	-0.731	-0.1	0.01	-0.022	-0.121	0.141	0.592	TAG53:7-FA18:3	Triacylglycerol	TAG Ester
CR	CRP	id_856	0.008	-0.087	0.034	0.704	-0.433	-0.758	-0.065	0.02	-0.426	-0.751	-0.1	0.012	-0.018	-0.11	0.296	0.712	TAG55:6-FA18:1	Triacylglycerol	TAG Ester
CR	CRP	id_857	0.009	-0.048	0.032	0.586	-0.434	-0.739	-0.057	0.016	-0.426	-0.74	-0.061	0.018	-0.02	-0.135	0.146	0.604	TAG55:6-FA20:3	Triacylglycerol	TAG Ester
CR	CRP	id_860	0.009	-0.108	0.045	0.814	-0.435	-0.767	-0.085	0.01	-0.426	-0.757	-0.103	0.006	-0.022	-0.14	0.367	0.812	TAG55:7-FA18:1	Triacylglycerol	TAG Ester
CR	CRP	id_861	0.009	-0.094	0.035	0.654	-0.434	-0.744	-0.063	0.026	-0.426	-0.743	-0.069	0.018	-0.02	-0.116	0.326	0.668	TAG55:7-FA20:3	Triacylglycerol	TAG Ester
CR	CRP	id_862	0.008	-0.091	0.032	0.736	-0.434	-0.759	-0.071	0.016	-0.426	-0.749	-0.086	0.008	-0.02	-0.118	0.314	0.74	TAG55:7-FA20:4	Triacylglycerol	TAG Ester
CR	CRP	id_864	0.004	-0.157	0.032	0.812	-0.43	-0.746	-0.061	0.026	-0.426	-0.778	-0.101	0.02	-0.01	-0.093	0.518	0.808	TAG55:8-FA20:4	Triacylglycerol	TAG Ester
CR	CRP	id_939	0.006	-0.049	0.032	0.54	-0.432	-0.754	-0.085	0.014	-0.426	-0.749	-0.086	0.01	-0.015	-0.127	0.142	0.55	TAG57:9-FA22:6	Triacylglycerol	TAG Ester
CR	CRP	id_978	-0.006	-0.115	0.038	0.766	-0.42	-0.76	-0.061	0.018	-0.426	-0.763	-0.103	0.012	0.013	-0.122	0.381	0.774	Total CE	Neutral Complex Lipids SUM	Cholesteryl Esters
CR	CRP	id_979	0.023	-0.043	0.069	0.346	-0.449	-0.777	-0.092	0.02	-0.426	-0.737	-0.077	0.022	-0.054	-0.265	0.17	0.36	Total CER	Sphingolipid SUM	Ceramides
CR	CRP	id_981	0.002	-0.125	0.039	0.998	-0.428	-0.745	-0.069	0.014	-0.426	-0.747	-0.091	0.01	-0.005	-0.146	0.374	0.996	Total DCER	Sphingolipid SUM	Dihydroceramides
CR	CRP	id_982	0.014	-0.025	0.053	0.4	-0.44	-0.801	-0.096	0.01	-0.426	-0.787	-0.078	0.014	-0.034	-0.25	0.072	0.41	Total HCER	Sphingolipid SUM	Hexosylceramides
CR	CRP	id_983	-0.002	-0.029	0.034	1	-0.424	-0.721	-0.073	0.016	-0.426	-0.725	-0.076	0.014	0.005	-0.114	0.113	0.998	Total LCER	Sphingolipid SUM	Lactosylceramides
CR	CRP	id_987	-0.026	-0.156	0.02	0.258	-0.399	-0.718	-0.055	0.018	-0.426	-0.75	-0.099	0.014	0.062	-0.061	0.468	0.268	Total PC	Phospholipid SUM	Phosphatidylcholines
CR	CRP	id_990	-0.004	-0.092	0.028	0.73	-0.422	-0.742	-0.074	0.018	-0.426	-0.759	-0.084	0.018	0.009	-0.098	0.306	0.728	Total SM	Sphingolipid SUM	Sphingomyelins
CR	CRP	id_039	0.024	-0.023	0.079	0.306	-0.449	-0.773	-0.14	0.012	-0.426	-0.749	-0.103	0.016	-0.055	-0.323	0.083	0.322	CE(22:1)	Cholesterol Ester	CE Ester
CR	CRP	id_060	0.004	-0.01	0.031	0.428	-0.429	-0.761	-0.083	0.014	-0.426	-0.754	-0.08	0.016	-0.008	-0.106	0.041	0.436	DAG(12:0/18:1)	Diacylglycerol	DAG Ester
CR	CRP	id_071	-0.007	-0.06	0.024	0.64	-0.418	-0.737	-0.08	0.02	-0.426	-0.732	-0.084	0.016	0.017	-0.065	0.225	0.656	DAG(14:1/16:0)	Diacylglycerol	DAG Ester

CR	CRP	id_072	0.017	-0.022	0.056	0.398	-0.443	-0.751	-0.109	0.012	-0.426	-0.727	-0.098	0.01	-0.04	-0.206	0.067	DAG(14:1/18:0.4 1)	Diacylglycerol	DAG Ester
CR	CRP	id_150	-0.08	-0.177	-0.009	0.024	-0.345	-0.726	-0.008	0.044	-0.426	-0.784	-0.112	0.006	0.189	0.013	0.802	0.03 LCER(24:1)	Sphingolipids	Lactosylceramide
CR	CRP	id_151	-0.004	-0.035	0.03	0.912	-0.422	-0.754	-0.095	0.012	-0.426	-0.755	-0.096	0.012	0.008	-0.122	0.112	0.908 LCER(26:0)	Sphingolipids	Lactosylceramide
CR	CRP	id_160	-0.009	-0.153	0.063	0.778	-0.416	-0.704	-0.09	0.012	-0.426	-0.752	-0.109	0.002	0.022	-0.227	0.495	0.78 LPC(18:2)	Lysophosphatidylcholine	LPC Ester
CR	CRP	id_196	0.006	-0.046	0.045	0.826	-0.432	-0.79	-0.073	0.024	-0.426	-0.785	-0.071	0.024	-0.015	-0.162	0.153	0.826 MAG(18:3)	MAG	Ester
CR	CRP	id_199	-0.002	-0.026	0.041	0.93	-0.423	-0.778	-0.089	0.002	-0.426	-0.78	-0.086	0.004	0.006	-0.122	0.075	0.93 MAG(20:1)	MAG	Ester
CR	CRP	id_200	0	-0.029	0.031	0.826	-0.426	-0.769	-0.104	0.01	-0.426	-0.762	-0.099	0.012	0	-0.102	0.087	0.834 MAG(20:2)	MAG	Ester
CR	CRP	id_201	0	-0.022	0.032	0.784	-0.426	-0.766	-0.114	0.008	-0.426	-0.758	-0.108	0.008	0	-0.099	0.071	0.78 MAG(20:3)	MAG	Ester
CR	CRP	id_251	-0.001	-0.03	0.038	0.99	-0.425	-0.752	-0.105	0.008	-0.426	-0.757	-0.106	0.012	0.002	-0.122	0.08	0.99 PC(16:0/22:6)	Phosphatidylcholine	PC Ester
CR	CRP	id_288	0.005	-0.029	0.044	0.756	-0.431	-0.78	-0.084	0.012	-0.426	-0.764	-0.085	0.014	-0.011	-0.125	0.093	0.758 PC(18:1/22:6)	Phosphatidylcholine	PC Ester
CR	CRP	id_293	0.009	-0.016	0.046	0.514	-0.435	-0.768	-0.118	0.002	-0.426	-0.747	-0.111	0.002	-0.022	-0.183	0.049	0.516 PC(18:2/20:2)	Phosphatidylcholine	PC Ester
CR	CRP	id_298	0.01	-0.013	0.046	0.424	-0.436	-0.762	-0.103	0.01	-0.426	-0.754	-0.08	0.012	-0.024	-0.143	0.033	0.428 PC(18:2/22:5)	Phosphatidylcholine	PC Ester
CR	CRP	id_332	-0.005	-0.042	0.029	0.79	-0.42	-0.755	-0.067	0.012	-0.426	-0.756	-0.075	0.016	0.013	-0.087	0.148	0.786 PE(18:0/18:0)	Phosphatidylethanolamine	PE Ester
CR	CRP	id_359	0.023	-0.022	0.075	0.298	-0.449	-0.767	-0.079	0.02	-0.426	-0.745	-0.051	0.03	-0.054	-0.347	0.102	0.328 PE(18:2/16:1)	Phosphatidylethanolamine	PE Ester
CR	CRP	id_366	0.025	-0.014	0.081	0.256	-0.45	-0.791	-0.124	0.002	-0.426	-0.769	-0.096	0.006	-0.058	-0.333	0.038	0.262 PE(O-16:0/18:2)	Phosphatidylethanolamine	PE Ether
CR	CRP	id_368	0.012	-0.033	0.061	0.516	-0.438	-0.774	-0.112	0.006	-0.426	-0.735	-0.103	0.006	-0.029	-0.233	0.084	0.518 PE(O-16:0/20:4)	Phosphatidylethanolamine	PE Ether
CR	CRP	id_372	-0.001	-0.024	0.032	0.862	-0.425	-0.761	-0.089	0.016	-0.426	-0.765	-0.087	0.02	0.002	-0.116	0.069	0.87 PE(O-16:0/22:6)	Phosphatidylethanolamine	PE Ether
CR	CRP	id_378	0.026	-0.031	0.092	0.374	-0.452	-0.784	-0.135	0.006	-0.426	-0.761	-0.105	0.01	-0.061	-0.398	0.079	0.384 PE(O-18:0/20:4)	Phosphatidylethanolamine	PE Ether
CR	CRP	id_381	0.088	0.03	0.194	0.006	-0.514	-0.839	-0.189	0.002	-0.426	-0.748	-0.106	0.012	-0.207	-0.973	-0.051	0.018 PE(O-18:0/22:5)	Phosphatidylethanolamine	PE Ether
CR	CRP	id_382	0.011	-0.014	0.052	0.45	-0.436	-0.756	-0.099	0.012	-0.426	-0.753	-0.092	0.014	-0.025	-0.222	0.053	0.46 PE(O-18:0/22:6)	Phosphatidylethanolamine	PE Ether
CR	CRP	id_387	0.05	-0.001	0.107	0.054	-0.476	-0.791	-0.14	0.006	-0.426	-0.746	-0.1	0.014	-0.118	-0.487	0.01	0.068 PE(P-16:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen

CR	CRP	id_392	-0.001	-0.066	0.049	0.96	-0.425	-0.743	-0.08	0.01	-0.426	-0.734	-0.094	0.004	0.003	-0.143	0.25	0.964	PE(P- 16:0/20:4)	Phosphatidyleth anolamine	PE Plasmalogen
CR	CRP	id_395	0.021	-0.044	0.074	0.438	-0.447	-0.758	-0.115	0.01	-0.426	-0.742	-0.093	0.012	-0.05	-0.276	0.14	0.45	PE(P- 16:0/22:5)	Phosphatidyleth anolamine	PE Plasmalogen
CR	CRP	id_396	-0.009	-0.051	0.025	0.64	-0.417	-0.731	-0.102	0.008	-0.426	-0.748	-0.1	0.008	0.021	-0.082	0.136	0.636	PE(P- 16:0/22:6)	Phosphatidyleth anolamine	PE Plasmalogen
CR	CRP	id_401	0.045	-0.002	0.103	0.058	-0.471	-0.82	-0.158	0.004	-0.426	-0.782	-0.097	0.008	-0.105	-0.584	0.006	0.066	PE(P- 18:0/18:1)	Phosphatidyleth anolamine	PE Plasmalogen
CR	CRP	id_402	0.066	0.005	0.156	0.04	-0.491	-0.809	-0.184	0.004	-0.426	-0.745	-0.102	0.012	-0.154	-0.877	0	0.052	PE(P- 18:0/18:2)	Phosphatidyleth anolamine	PE Plasmalogen
CR	CRP	id_406	0.018	-0.038	0.07	0.494	-0.444	-0.763	-0.133	0.006	-0.426	-0.746	-0.111	0.008	-0.042	-0.288	0.108	0.502	PE(P- 18:0/20:4)	Phosphatidyleth anolamine	PE Plasmalogen
CR	CRP	id_409	0.068	-0.001	0.142	0.056	-0.493	-0.803	-0.16	0	-0.426	-0.742	-0.083	0.004	-0.159	-0.768	0.008	0.06	PE(P- 18:0/22:5)	Phosphatidyleth anolamine	PE Plasmalogen
CR	CRP	id_410	0.018	-0.018	0.078	0.364	-0.443	-0.789	-0.144	0.01	-0.426	-0.777	-0.114	0.014	-0.041	-0.34	0.053	0.374	PE(P- 18:0/22:6)	Phosphatidyleth anolamine	PE Plasmalogen
CR	CRP	id_411	0.009	-0.022	0.045	0.578	-0.434	-0.745	-0.09	0.01	-0.426	-0.743	-0.083	0.012	-0.02	-0.165	0.072	0.59	PE(P- 18:1/16:0)	Phosphatidyleth anolamine	PE Plasmalogen
CR	CRP	id_415	0.065	0.004	0.142	0.04	-0.49	-0.804	-0.181	0	-0.426	-0.752	-0.102	0.004	-0.152	-0.783	-0.005	0.044	PE(P- 18:1/18:2)	Phosphatidyleth anolamine	PE Plasmalogen
CR	CRP	id_419	0.03	-0.032	0.085	0.292	-0.456	-0.78	-0.119	0.012	-0.426	-0.744	-0.096	0.014	-0.07	-0.385	0.088	0.302	PE(P- 18:1/20:4)	Phosphatidyleth anolamine	PE Plasmalogen
CR	CRP	id_421	-0.038	-0.154	0.027	0.262	-0.388	-0.712	-0.04	0.036	-0.426	-0.734	-0.105	0.008	0.089	-0.08	0.572	0.27	PE(P- 18:1/22:4)	Phosphatidyleth anolamine	PE Plasmalogen
CR	CRP	id_422	0.061	0.002	0.132	0.044	-0.486	-0.81	-0.147	0.006	-0.426	-0.738	-0.086	0.01	-0.143	-0.698	0.002	0.054	PE(P- 18:1/22:5)	Phosphatidyleth anolamine	PE Plasmalogen

CR	CRP	id_423	0.012	-0.017	0.055	0.47	-0.437	-0.757	-0.123	0.006	-0.426	-0.748	-0.111	0.008	-0.028	-0.194	0.05	0.474	PE(P-18:1/22:6)	Phosphatidylethanolamine	PE Plasmalogen
CR	CRP	id_424	0.029	-0.023	0.085	0.264	-0.455	-0.784	-0.129	0.006	-0.426	-0.756	-0.098	0.008	-0.069	-0.368	0.077	0.272	PE(P-18:2/18:2)	Phosphatidylethanolamine	PE Plasmalogen
CR	CRP	id_425	0.007	-0.048	0.047	0.768	-0.432	-0.754	-0.097	0.01	-0.426	-0.741	-0.105	0.008	-0.015	-0.188	0.153	0.768	PE(P-18:2/20:4)	Phosphatidylethanolamine	PE Plasmalogen
AL	CRP	id_023	-0.052	-0.18	0.093	0.406	0.04	-0.296	0.394	0.838	-0.012	-0.367	0.369	0.944	4.414	-4.893	5.936	0.838	CE(15:0)	Cholesterol Ester	CE Ester
AL	CRP	id_024	-0.001	-0.146	0.126	0.984	-0.011	-0.363	0.341	0.93	-0.012	-0.389	0.367	0.95	0.049	-3.338	4.382	0.734	CE(16:0)	Cholesterol Ester	CE Ester
AL	CRP	id_026	-0.059	-0.171	0.041	0.258	0.047	-0.314	0.44	0.838	-0.012	-0.393	0.417	0.95	5.01	-4.721	4.418	0.888	CE(17:0)	Cholesterol Ester	CE Ester
AL	CRP	id_027	-0.026	-0.115	0.029	0.424	0.014	-0.398	0.39	0.934	-0.012	-0.429	0.368	0.954	2.215	-3.127	2.677	0.934	CE(18:0)	Cholesterol Ester	CE Ester
AL	CRP	id_028	0	-0.101	0.102	0.97	-0.011	-0.385	0.363	0.918	-0.012	-0.389	0.364	0.934	0.024	-3.122	2.832	0.864	CE(18:1)	Cholesterol Ester	CE Ester
AL	CRP	id_029	-0.003	-0.088	0.077	0.914	-0.009	-0.418	0.363	0.926	-0.012	-0.421	0.373	0.918	0.215	-1.591	1.985	0.872	CE(18:2)	Cholesterol Ester	CE Ester
AL	CRP	id_033	-0.021	-0.095	0.037	0.512	0.009	-0.389	0.411	0.97	-0.012	-0.418	0.383	0.946	1.786	-1.946	2.899	0.938	CE(20:1)	Cholesterol Ester	CE Ester
AL	CRP	id_034	-0.068	-0.264	0.137	0.472	0.056	-0.299	0.404	0.728	-0.012	-0.388	0.364	0.986	5.8	-11.17	6.249	0.778	CE(20:2)	Cholesterol Ester	CE Ester
AL	CRP	id_035	-0.047	-0.268	0.14	0.64	0.035	-0.295	0.407	0.82	-0.012	-0.404	0.388	0.954	3.966	-5.032	9.407	0.758	CE(20:3)	Cholesterol Ester	CE Ester
AL	CRP	id_036	0.004	-0.112	0.112	0.92	-0.016	-0.408	0.376	0.926	-0.012	-0.415	0.373	0.93	-0.346	-3.346	3.83	0.822	CE(20:4)	Cholesterol Ester	CE Ester
AL	CRP	id_041	-0.005	-0.124	0.09	0.882	-0.007	-0.385	0.377	0.968	-0.012	-0.393	0.386	0.948	0.389	-1.941	3.419	0.846	CE(22:4)	Cholesterol Ester	CE Ester
AL	CRP	id_042	0.021	-0.075	0.118	0.602	-0.033	-0.383	0.327	0.854	-0.012	-0.396	0.371	0.976	-1.824	-4.613	3.26	0.866	CE(22:5)	Cholesterol Ester	CE Ester
AL	CRP	id_043	0.01	-0.031	0.089	0.72	-0.022	-0.447	0.387	0.938	-0.012	-0.445	0.4	0.978	-0.835	-1.809	1.506	0.978	CE(22:6)	Cholesterol Ester	CE Ester
AL	CRP	id_044	-0.033	-0.11	0.049	0.422	0.022	-0.385	0.413	0.874	-0.012	-0.396	0.375	1	2.851	-3.918	3.727	0.922	CE(24:0)	Cholesterol Ester	CE Ester
AL	CRP	id_045	-0.025	-0.099	0.04	0.468	0.013	-0.378	0.391	0.93	-0.012	-0.408	0.395	0.99	2.138	-2.706	2.276	0.898	CE(24:1)	Cholesterol Ester	CE Ester
AL	CRP	id_046	-0.044	-0.164	0.043	0.342	0.032	-0.334	0.427	0.824	-0.012	-0.398	0.395	0.984	3.749	-3.551	3.684	0.93	CER(14:0)	Sphingolipids	Ceramide

AL	CRP	id_047	-0.01	-0.109	0.055	0.768	-0.002	-0.391	0.402	0.966	-0.012	-0.416	0.383	0.972	0.865	-1.874	2.775	0.9	CER(16:0)	Sphingolipids	Ceramide
AL	CRP	id_048	-0.031	-0.161	0.048	0.474	0.019	-0.368	0.381	0.922	-0.012	-0.415	0.369	0.952	2.619	-3.544	3.202	0.858	CER(18:0)	Sphingolipids	Ceramide
AL	CRP	id_049	-0.107	-0.239	-0.001	0.048	0.095	-0.29	0.457	0.634	-0.012	-0.418	0.356	0.948	9.086	-9.067	6.401	0.92	CER(18:1)	Sphingolipids	Ceramide
AL	CRP	id_050	-0.027	-0.142	0.058	0.514	0.015	-0.371	0.361	0.948	-0.012	-0.399	0.332	0.914	2.298	-2.407	3.756	0.86	CER(20:0)	Sphingolipids	Ceramide
AL	CRP	id_051	-0.045	-0.144	0.033	0.248	0.033	-0.339	0.414	0.902	-0.012	-0.379	0.364	0.944	3.852	-2.771	3.189	0.936	CER(20:1)	Sphingolipids	Ceramide
AL	CRP	id_052	-0.005	-0.074	0.03	0.758	-0.007	-0.365	0.385	0.948	-0.012	-0.378	0.384	0.914	0.384	-1.04	1.244	0.936	CER(22:0)	Sphingolipids	Ceramide
AL	CRP	id_053	-0.128	-0.288	-0.016	0.016	0.116	-0.251	0.509	0.556	-0.012	-0.39	0.37	0.962	10.911	-12.37	10.274	0.962	CER(22:1)	Sphingolipids	Ceramide
AL	CRP	id_054	-0.002	-0.07	0.048	0.912	-0.01	-0.373	0.386	0.996	-0.012	-0.379	0.374	0.948	0.128	-1.679	1.154	0.94	CER(24:0)	Sphingolipids	Ceramide
AL	CRP	id_055	0.009	-0.103	0.106	0.83	-0.021	-0.39	0.343	0.934	-0.012	-0.38	0.347	0.968	-0.798	-4.59	2.757	0.874	CER(24:1)	Sphingolipids	Ceramide
AL	CRP	id_057	0.013	-0.103	0.122	0.82	-0.025	-0.44	0.367	0.874	-0.012	-0.47	0.389	0.958	-1.147	-3.022	3.404	0.802	CER(26:1)	Sphingolipids	Ceramide
AL	CRP	id_116	0.008	-0.08	0.055	0.788	-0.02	-0.392	0.368	0.94	-0.012	-0.387	0.364	0.964	-0.674	-1.99	1.988	0.968	DCER(14:0)	Sphingolipids	Dihydroceramide
AL	CRP	id_117	0.013	-0.073	0.098	0.702	-0.025	-0.394	0.349	0.93	-0.012	-0.388	0.366	0.952	-1.116	-2.622	2.204	0.93	DCER(16:0)	Sphingolipids	Dihydroceramide
AL	CRP	id_118	-0.011	-0.084	0.062	0.762	-0.001	-0.397	0.38	0.946	-0.012	-0.402	0.365	0.916	0.895	-1.554	1.844	0.918	DCER(18:0)	Sphingolipids	Dihydroceramide
AL	CRP	id_119	0.022	-0.069	0.127	0.564	-0.034	-0.44	0.35	0.852	-0.012	-0.433	0.389	0.948	-1.914	-2.676	2.549	0.884	DCER(18:1)	Sphingolipids	Dihydroceramide
AL	CRP	id_120	-0.017	-0.128	0.075	0.622	0.005	-0.355	0.363	0.97	-0.012	-0.38	0.364	0.944	1.459	-2.146	2.538	0.874	DCER(20:0)	Sphingolipids	Dihydroceramide
AL	CRP	id_121	0.005	-0.056	0.072	0.842	-0.017	-0.382	0.35	0.952	-0.012	-0.379	0.365	0.95	-0.443	-1.717	1.448	0.968	DCER(20:1)	Sphingolipids	Dihydroceramide
AL	CRP	id_122	-0.014	-0.095	0.031	0.588	0.002	-0.343	0.384	0.988	-0.012	-0.381	0.358	0.914	1.212	-1.423	1.986	0.886	DCER(22:0)	Sphingolipids	Dihydroceramide
AL	CRP	id_123	-0.005	-0.098	0.048	0.794	-0.007	-0.403	0.384	0.964	-0.012	-0.416	0.375	0.922	0.402	-1.723	2.007	0.876	DCER(22:1)	Sphingolipids	Dihydroceramide
AL	CRP	id_124	-0.001	-0.092	0.069	0.99	-0.011	-0.372	0.362	0.936	-0.012	-0.385	0.364	0.946	0.067	-2.109	1.8	0.896	DCER(22:2)	Sphingolipids	Dihydroceramide
AL	CRP	id_125	-0.001	-0.07	0.067	0.95	-0.01	-0.369	0.352	0.936	-0.012	-0.368	0.371	0.918	0.122	-1.377	1.966	0.924	DCER(24:0)	Sphingolipids	Dihydroceramide
AL	CRP	id_126	-0.02	-0.149	0.086	0.752	0.008	-0.34	0.367	0.998	-0.012	-0.388	0.36	0.922	1.69	-2.667	4.142	0.798	DCER(24:1)	Sphingolipids	Dihydroceramide
AL	CRP	id_128	0	-0.042	0.033	0.916	-0.012	-0.396	0.38	0.95	-0.012	-0.395	0.372	0.946	0.018	-0.754	0.825	0.926	DCER(26:1)	Sphingolipids	Dihydroceramide
AL	CRP	id_129	0.022	-0.038	0.112	0.526	-0.034	-0.41	0.354	0.888	-0.012	-0.383	0.381	0.992	-1.894	-4.16	3.83	0.918	HCER(14:0)	Sphingolipids	Hexosylceramide
AL	CRP	id_130	0.017	-0.063	0.111	0.656	-0.029	-0.407	0.33	0.88	-0.012	-0.402	0.357	0.942	-1.443	-3.409	2.473	0.91	HCER(16:0)	Sphingolipids	Hexosylceramide

AL	CRP	id_131	-0.013	-0.099	0.046	0.636	0.001	-0.369	0.396	0.976	-0.012	-0.385	0.377	0.938	1.114	-1.528	2.493	0.942	HCER(18:0)	Sphingolipids	Hexosylceramide
AL	CRP	id_132	-0.085	-0.208	0.008	0.076	0.074	-0.293	0.425	0.758	-0.012	-0.395	0.355	0.908	7.261	-6.943	5.926	0.884	HCER(18:1)	Sphingolipids	Hexosylceramide
AL	CRP	id_133	-0.014	-0.103	0.06	0.66	0.003	-0.363	0.372	0.99	-0.012	-0.396	0.365	0.948	1.228	-2.58	2.62	0.856	HCER(20:0)	Sphingolipids	Hexosylceramide
AL	CRP	id_134	-0.074	-0.21	0.058	0.23	0.062	-0.321	0.424	0.754	-0.012	-0.417	0.361	0.946	6.321	-5.867	8.048	0.872	HCER(20:1)	Sphingolipids	Hexosylceramide
AL	CRP	id_135	0	-0.032	0.031	0.948	-0.012	-0.391	0.401	0.996	-0.012	-0.391	0.395	0.998	0.02	-1.037	0.828	0.99	HCER(22:0)	Sphingolipids	Hexosylceramide
AL	CRP	id_136	-0.061	-0.212	0.055	0.274	0.049	-0.318	0.404	0.758	-0.012	-0.391	0.34	0.974	5.157	-7.463	6.636	0.872	HCER(22:1)	Sphingolipids	Hexosylceramide
AL	CRP	id_137	0.004	-0.028	0.051	0.824	-0.016	-0.398	0.366	0.928	-0.012	-0.39	0.362	0.93	-0.349	-1.077	0.907	0.962	HCER(24:0)	Sphingolipids	Hexosylceramide
AL	CRP	id_138	0.014	-0.054	0.112	0.688	-0.026	-0.418	0.363	0.882	-0.012	-0.405	0.399	0.94	-1.176	-2.085	2.139	0.888	HCER(24:1)	Sphingolipids	Hexosylceramide
AL	CRP	id_139	0.015	-0.033	0.085	0.55	-0.026	-0.431	0.356	0.858	-0.012	-0.428	0.371	0.93	-1.256	-2.166	2.52	0.992	HCER(26:0)	Sphingolipids	Hexosylceramide
AL	CRP	id_141	-0.001	-0.078	0.089	0.976	-0.011	-0.362	0.36	0.998	-0.012	-0.368	0.362	0.976	0.061	-2.395	1.86	0.88	LCER(14:0)	Sphingolipids	Lactosylceramide
AL	CRP	id_142	0.017	-0.052	0.1	0.552	-0.029	-0.443	0.343	0.884	-0.012	-0.401	0.36	0.956	-1.486	-2.538	2.609	0.964	LCER(16:0)	Sphingolipids	Lactosylceramide
AL	CRP	id_144	-0.001	-0.055	0.053	0.934	-0.011	-0.422	0.368	0.944	-0.012	-0.421	0.37	0.922	0.045	-1.022	1.012	0.94	LCER(18:1)	Sphingolipids	Lactosylceramide
AL	CRP	id_145	-0.001	-0.054	0.036	0.912	-0.011	-0.384	0.356	0.976	-0.012	-0.372	0.353	0.968	0.106	-1.134	1.417	0.952	LCER(20:0)	Sphingolipids	Lactosylceramide
AL	CRP	id_146	0.001	-0.05	0.033	0.932	-0.013	-0.411	0.354	0.96	-0.012	-0.424	0.357	0.954	-0.101	-0.801	0.848	0.998	LCER(20:1)	Sphingolipids	Lactosylceramide
AL	CRP	id_147	0.005	-0.034	0.051	0.814	-0.017	-0.364	0.385	0.958	-0.012	-0.364	0.376	0.962	-0.465	-1.391	1.138	0.956	LCER(22:0)	Sphingolipids	Lactosylceramide
AL	CRP	id_148	-0.013	-0.089	0.042	0.654	0.002	-0.391	0.402	0.958	-0.012	-0.407	0.375	0.902	1.148	-1.535	2.08	0.948	LCER(22:1)	Sphingolipids	Lactosylceramide
AL	CRP	id_149	-0.003	-0.055	0.033	0.822	-0.009	-0.378	0.365	0.962	-0.012	-0.382	0.346	0.95	0.243	-0.778	0.922	0.98	LCER(24:0)	Sphingolipids	Lactosylceramide
AL	CRP	id_152	-0.001	-0.052	0.036	0.936	-0.011	-0.381	0.393	0.97	-0.012	-0.381	0.392	0.966	0.079	-1.036	1.066	0.966	LCER(26:1)	Sphingolipids	Lactosylceramide
AL	CRP	id_154	0.024	-0.056	0.124	0.568	-0.036	-0.441	0.42	0.808	-0.012	-0.409	0.42	0.92	-2.042	-2.9	3.244	0.888	LPC(15:0)	Lysophosphatidylcholine	LPC Ester
AL	CRP	id_157	0.034	-0.055	0.133	0.48	-0.046	-0.421	0.318	0.836	-0.012	-0.39	0.368	0.972	-2.882	-2.764	3.169	0.896	LPC(17:0)	Lysophosphatidylcholine	LPC Ester

AL	CRP	id_170	0.002	-0.087	0.078	0.918	-0.014	-0.39	0.349	0.878	-0.012	-0.393	0.35	0.882	-0.192	-1.803	2.552	0.932	LPC(22:6)	Lysophosphatidylcholine	LPC Ester
AL	CRP	id_181	-0.026	-0.112	0.025	0.324	0.014	-0.341	0.415	0.904	-0.012	-0.376	0.377	0.992	2.181	-2.847	2.03	1	LPE(20:4)	Lysophosphatidylethanolamine	LPE Ester
AL	CRP	id_186	-0.009	-0.074	0.041	0.72	-0.003	-0.366	0.371	0.956	-0.012	-0.375	0.365	0.926	0.777	-1.534	1.368	0.958	MAG(12:0)	MAG	Ester
AL	CRP	id_188	0.011	-0.104	0.123	0.794	-0.022	-0.398	0.343	0.908	-0.012	-0.396	0.371	0.956	-0.907	-4.146	4.16	0.822	MAG(14:1)	MAG	Ester
AL	CRP	id_189	-0.005	-0.057	0.041	0.906	-0.006	-0.386	0.374	0.96	-0.012	-0.397	0.366	0.946	0.451	-1.372	1.177	0.98	MAG(15:0)	MAG	Ester
AL	CRP	id_195	0.012	-0.033	0.098	0.646	-0.024	-0.444	0.38	0.864	-0.012	-0.423	0.38	0.918	-1.025	-1.947	1.417	0.98	MAG(18:2)	MAG	Ester
AL	CRP	id_203	0.001	-0.04	0.043	0.994	-0.013	-0.395	0.388	0.992	-0.012	-0.394	0.389	0.998	-0.087	-0.735	0.753	0.992	MAG(20:5)	MAG	Ester
AL	CRP	id_204	-0.029	-0.115	0.017	0.366	0.017	-0.363	0.405	0.954	-0.012	-0.395	0.366	0.912	2.488	-3.527	2.717	0.95	MAG(22:0)	MAG	Ester
AL	CRP	id_205	-0.004	-0.05	0.043	0.898	-0.007	-0.382	0.371	0.958	-0.012	-0.386	0.371	0.954	0.362	-1.3	1.004	0.972	MAG(22:1)	MAG	Ester
AL	CRP	id_208	-0.002	-0.042	0.033	0.922	-0.009	-0.398	0.345	0.986	-0.012	-0.402	0.343	0.976	0.195	-1.055	1.089	0.994	MAG(22:5)	MAG	Ester
AL	CRP	id_209	-0.021	-0.115	0.024	0.478	0.009	-0.368	0.4	0.934	-0.012	-0.409	0.374	1	1.79	-2.761	1.844	0.93	MAG(22:6)	MAG	Ester
AL	CRP	id_228	0.001	-0.074	0.096	0.954	-0.012	-0.42	0.336	0.868	-0.012	-0.415	0.351	0.888	-0.046	-1.98	2.526	0.938	PC(15:0/18:2)	Phosphatidylcholine	PC Ester
AL	CRP	id_230	-0.016	-0.128	0.097	0.828	0.004	-0.391	0.395	0.972	-0.012	-0.404	0.404	0.952	1.381	-4.33	3.688	0.824	PC(15:0/20:4)	Phosphatidylcholine	PC Ester
AL	CRP	id_241	0.019	-0.13	0.15	0.79	-0.03	-0.384	0.326	0.874	-0.012	-0.395	0.386	0.944	-1.579	-3.34	5.479	0.786	PC(16:0/18:2)	Phosphatidylcholine	PC Ester
AL	CRP	id_254	-0.008	-0.076	0.059	0.838	-0.004	-0.378	0.374	0.992	-0.012	-0.383	0.371	0.96	0.679	-1.61	1.594	0.95	PC(17:0/18:2)	Phosphatidylcholine	PC Ester
AL	CRP	id_257	-0.007	-0.119	0.093	0.874	-0.005	-0.375	0.38	0.946	-0.012	-0.396	0.382	0.996	0.605	-3.112	2.874	0.922	PC(17:0/20:4)	Phosphatidylcholine	PC Ester
AL	CRP	id_272	-0.016	-0.136	0.092	0.744	0.004	-0.394	0.375	0.96	-0.012	-0.414	0.374	0.916	1.328	-3.028	3.332	0.752	PC(18:0/20:4)	Phosphatidylcholine	PC Ester
AL	CRP	id_279	-0.011	-0.067	0.038	0.718	-0.001	-0.365	0.386	1	-0.012	-0.37	0.382	0.958	0.901	-1.26	1.517	0.956	PC(18:1/18:2)	Phosphatidylcholine	PC Ester
AL	CRP	id_283	-0.16	-0.326	-0.012	0.03	0.148	-0.217	0.506	0.418	-0.012	-0.393	0.359	0.948	13.614	-11.64	9.961	0.922	PC(18:1/20:3)	Phosphatidylcholine	PC Ester
AL	CRP	id_284	-0.061	-0.17	0.036	0.19	0.049	-0.309	0.437	0.81	-0.012	-0.386	0.399	0.976	5.163	-5.336	4.233	0.93	PC(18:1/20:4)	Phosphatidylcholine	PC Ester
AL	CRP	id_289	-0.053	-0.179	0.051	0.318	0.042	-0.35	0.424	0.834	-0.012	-0.416	0.381	0.95	4.555	-3.598	5.502	0.852	PC(18:2/16:1)	Phosphatidylcholine	PC Ester
AL	CRP	id_354	0	-0.035	0.036	0.974	-0.012	-0.38	0.363	0.944	-0.012	-0.376	0.36	0.952	0.005	-0.872	0.832	0.966	PE(18:1/22:0)	Phosphatidylethanolamine	PE Ester

AL	CRP	id_386	-0.039	-0.135	0.035	0.312	0.027	-0.363	0.424	0.914	-0.012	-0.406	0.383	0.938	3.329	-2.965	4.21	0.902	PE(P- 16:0/18:1)	Phosphatidylethanolamine	PE Plasmalogen
AL	CRP	id_398	-0.052	-0.172	0.054	0.332	0.04	-0.353	0.388	0.838	-0.012	-0.401	0.358	0.914	4.407	-3.856	5.52	0.854	PE(P- 18:0/16:0)	Phosphatidylethanolamine	PE Plasmalogen
AL	CRP	id_405	-0.042	-0.166	0.046	0.382	0.03	-0.34	0.38	0.926	-0.012	-0.38	0.365	0.912	3.549	-5.035	3.916	0.83	PE(P- 18:0/20:3)	Phosphatidylethanolamine	PE Plasmalogen
AL	CRP	id_414	-0.025	-0.115	0.027	0.428	0.013	-0.361	0.397	0.956	-0.012	-0.38	0.373	0.922	2.126	-3.076	3.048	0.886	PE(P- 18:1/18:1)	Phosphatidylethanolamine	PE Plasmalogen
AL	CRP	id_448	-0.023	-0.159	0.117	0.73	0.011	-0.344	0.373	0.978	-0.012	-0.409	0.347	0.952	1.953	-3.528	3.468	0.738	SM(14:0)	Sphingolipids	Sphingomyelin
AL	CRP	id_449	-0.02	-0.129	0.064	0.672	0.008	-0.372	0.365	0.96	-0.012	-0.413	0.358	0.964	1.72	-2.052	2.821	0.94	SM(16:0)	Sphingolipids	Sphingomyelin
AL	CRP	id_450	-0.033	-0.202	0.079	0.598	0.022	-0.369	0.414	0.902	-0.012	-0.42	0.405	0.936	2.838	-3.9	3.933	0.822	SM(18:0)	Sphingolipids	Sphingomyelin
AL	CRP	id_451	-0.03	-0.158	0.071	0.612	0.018	-0.353	0.367	0.888	-0.012	-0.393	0.373	0.994	2.563	-3.763	5.226	0.842	SM(18:1)	Sphingolipids	Sphingomyelin
AL	CRP	id_452	-0.003	-0.128	0.133	0.952	-0.008	-0.38	0.367	0.962	-0.012	-0.402	0.369	0.972	0.278	-3.592	2.862	0.776	SM(20:0)	Sphingolipids	Sphingomyelin
AL	CRP	id_453	-0.027	-0.164	0.092	0.698	0.015	-0.334	0.373	0.942	-0.012	-0.379	0.381	0.922	2.26	-6.118	4.609	0.732	SM(20:1)	Sphingolipids	Sphingomyelin
AL	CRP	id_454	-0.022	-0.148	0.078	0.674	0.01	-0.341	0.38	0.938	-0.012	-0.388	0.346	0.982	1.848	-3.095	3.463	0.84	SM(22:0)	Sphingolipids	Sphingomyelin
AL	CRP	id_455	-0.006	-0.158	0.155	0.934	-0.006	-0.365	0.33	0.908	-0.012	-0.399	0.354	0.904	0.49	-4.412	5.883	0.734	SM(22:1)	Sphingolipids	Sphingomyelin
AL	CRP	id_456	0.011	-0.111	0.125	0.866	-0.023	-0.383	0.365	0.94	-0.012	-0.385	0.372	0.972	-0.967	-3.759	3.775	0.81	SM(24:0)	Sphingolipids	Sphingomyelin
AL	CRP	id_457	0.037	-0.114	0.183	0.674	-0.049	-0.403	0.334	0.784	-0.012	-0.402	0.39	0.962	-3.164	-5.132	4.061	0.796	SM(24:1)	Sphingolipids	Sphingomyelin
AL	CRP	id_458	-0.014	-0.111	0.069	0.716	0.002	-0.373	0.389	0.962	-0.012	-0.396	0.373	0.984	1.207	-1.952	2.885	0.876	SM(26:0)	Sphingolipids	Sphingomyelin
AL	CRP	id_459	0.008	-0.101	0.111	0.846	-0.02	-0.391	0.357	0.924	-0.012	-0.413	0.352	0.956	-0.71	-2.647	2.328	0.894	SM(26:1)	Sphingolipids	Sphingomyelin
AL	CRP	id_660	-0.049	-0.166	0.07	0.376	0.037	-0.319	0.409	0.774	-0.012	-0.389	0.375	0.968	4.156	-4.546	4.224	0.848	TAG51:3-FA16:0	Triacylglycerol	TAG Ester
AL	CRP	id_663	-0.018	-0.127	0.034	0.568	0.006	-0.378	0.371	0.988	-0.012	-0.395	0.349	0.886	1.539	-2.394	3.291	0.886	TAG51:3-FA18:1	Triacylglycerol	TAG Ester

AL	CRP	id_667	-0.022	-0.114	0.061	0.622	0.01	-0.392	0.404	0.98	-0.012	-0.422	0.394	0.958	1.849	-2.755	2.484	0.868	TAG51:4-FA16:0	Triacylglycerol	TAG Ester
AL	CRP	id_755	0.027	-0.02	0.11	0.334	-0.039	-0.441	0.354	0.786	-0.012	-0.415	0.385	0.91	-2.33	-1.734	3.12	0.96	TAG53:3-FA18:0	Triacylglycerol	TAG Ester
AL	CRP	id_760	0	-0.043	0.046	0.978	-0.012	-0.399	0.352	0.906	-0.012	-0.4	0.352	0.898	-0.029	-1.465	1.374	0.996	TAG53:4-FA18:0	Triacylglycerol	TAG Ester
AL	CRP	id_761	-0.007	-0.095	0.046	0.764	-0.005	-0.391	0.392	0.982	-0.012	-0.408	0.388	0.948	0.592	-1.162	2.145	0.872	TAG53:4-FA18:1	Triacylglycerol	TAG Ester
AL	CRP	id_765	0.004	-0.034	0.057	0.89	-0.015	-0.414	0.363	0.91	-0.012	-0.412	0.364	0.928	-0.308	-1.023	1.216	0.978	TAG53:5-FA18:1	Triacylglycerol	TAG Ester
AL	CRP	id_766	-0.003	-0.049	0.04	0.918	-0.009	-0.386	0.381	0.912	-0.012	-0.388	0.373	0.926	0.221	-1.027	1.258	0.956	TAG53:5-FA18:2	Triacylglycerol	TAG Ester
AL	CRP	id_769	-0.006	-0.058	0.033	0.782	-0.005	-0.41	0.38	0.942	-0.012	-0.413	0.357	0.94	0.542	-1.461	0.858	0.93	TAG53:6-FA18:1	Triacylglycerol	TAG Ester
AL	CRP	id_770	0	-0.037	0.038	0.924	-0.012	-0.413	0.37	0.91	-0.012	-0.409	0.374	0.906	-0.024	-0.893	0.647	0.998	TAG53:6-FA18:2	Triacylglycerol	TAG Ester
AL	CRP	id_771	-0.001	-0.044	0.032	0.964	-0.01	-0.402	0.392	0.97	-0.012	-0.397	0.387	0.96	0.122	-1.035	0.929	0.992	TAG53:6-FA18:3	Triacylglycerol	TAG Ester
AL	CRP	id_773	-0.004	-0.045	0.04	0.892	-0.008	-0.387	0.371	0.922	-0.012	-0.382	0.381	0.916	0.342	-1.021	0.816	1	TAG53:7-FA18:3	Triacylglycerol	TAG Ester
AL	CRP	id_856	0.001	-0.041	0.039	0.976	-0.013	-0.392	0.392	0.996	-0.012	-0.394	0.393	1	-0.11	-0.954	0.871	0.972	TAG55:6-FA18:1	Triacylglycerol	TAG Ester
AL	CRP	id_857	0	-0.028	0.051	0.846	-0.012	-0.411	0.368	0.914	-0.012	-0.401	0.365	0.93	-0.011	-0.77	0.795	0.936	TAG55:6-FA20:3	Triacylglycerol	TAG Ester
AL	CRP	id_860	-0.005	-0.089	0.034	0.756	-0.007	-0.376	0.374	0.992	-0.012	-0.378	0.368	0.972	0.428	-1.43	1.3	0.992	TAG55:7-FA18:1	Triacylglycerol	TAG Ester
AL	CRP	id_861	-0.003	-0.069	0.076	0.95	-0.009	-0.43	0.36	0.942	-0.012	-0.419	0.356	0.952	0.26	-2.205	1.596	0.934	TAG55:7-FA20:3	Triacylglycerol	TAG Ester
AL	CRP	id_862	0	-0.045	0.05	0.972	-0.011	-0.39	0.372	0.946	-0.012	-0.391	0.362	0.942	0.028	-1.564	0.949	0.982	TAG55:7-FA20:4	Triacylglycerol	TAG Ester
AL	CRP	id_864	0.018	-0.038	0.087	0.574	-0.029	-0.436	0.327	0.842	-0.012	-0.422	0.345	0.914	-1.496	-2.359	1.921	0.952	TAG55:8-FA20:4	Triacylglycerol	TAG Ester
AL	CRP	id_939	0.002	-0.029	0.047	0.88	-0.013	-0.402	0.377	0.9	-0.012	-0.393	0.378	0.908	-0.144	-0.967	0.909	0.932	TAG57:9-FA22:6	Triacylglycerol	TAG Ester
AL	CRP	id_978	-0.011	-0.134	0.112	0.86	-0.001	-0.369	0.346	0.986	-0.012	-0.419	0.367	0.988	0.907	-3.355	2.453	0.892	Total CE	Neutral Complex Lipids SUM	Cholesteryl Esters
AL	CRP	id_979	-0.003	-0.079	0.051	0.93	-0.009	-0.389	0.349	0.93	-0.012	-0.413	0.353	0.904	0.24	-2.412	1.763	0.93	Total CER	Sphingolipid SUM	Ceramides
AL	CRP	id_981	0.005	-0.07	0.087	0.842	-0.016	-0.374	0.375	0.946	-0.012	-0.399	0.383	0.958	-0.4	-1.615	2.163	0.936	Total DCER	Sphingolipid SUM	Dihydroceramides

AL	CRP	id_982	0.006	-0.056	0.073	0.932	-0.018	-0.414	0.359	0.96	-0.012	-0.397	0.356	0.978	-0.515	-1.535	2.375	0.882	Total HCER	Sphingolipid SUM	Hexosylceramides
AL	CRP	id_983	0.013	-0.055	0.091	0.732	-0.025	-0.392	0.366	0.914	-0.012	-0.391	0.373	0.95	-1.113	-2.009	1.798	0.946	Total LCER	Sphingolipid SUM	Lactosylceramides
AL	CRP	id_987	-0.03	-0.199	0.145	0.682	0.018	-0.323	0.382	0.922	-0.012	-0.398	0.403	0.922	2.561	-4.714	4.986	0.712	Total PC	Phospholipid SUM	Phosphatidylcholines
AL	CRP	id_990	-0.018	-0.157	0.113	0.842	0.006	-0.312	0.372	0.944	-0.012	-0.345	0.376	0.984	1.548	-2.803	4.054	0.762	Total SM	Sphingolipid SUM	Sphingomyelins
AL	CRP	id_039	-0.025	-0.101	0.023	0.35	0.013	-0.375	0.406	0.932	-0.012	-0.394	0.362	0.948	2.129	-1.731	2.438	0.97	CE(22:1) DAG(12:0/18:1)	Cholesterol Ester	CE Ester
AL	CRP	id_060	0.027	-0.06	0.128	0.55	-0.039	-0.416	0.343	0.85	-0.012	-0.397	0.37	0.95	-2.282	-2.975	2.921	0.972	DAG(14:1/16:0)	Diacylglycerol	DAG Ester
AL	CRP	id_071	-0.032	-0.113	0.067	0.51	0.021	-0.353	0.397	0.924	-0.012	-0.379	0.373	0.98	2.762	-2.374	2.963	0.902	DAG(14:1/18:1)	Diacylglycerol	DAG Ester
AL	CRP	id_072	0	-0.039	0.035	0.998	-0.012	-0.393	0.394	0.942	-0.012	-0.389	0.38	0.946	-0.018	-0.763	0.624	0.98	1)	Diacylglycerol	DAG Ester
AL	CRP	id_150	0.009	-0.032	0.059	0.712	-0.02	-0.397	0.37	0.894	-0.012	-0.388	0.371	0.928	-0.728	-1.417	1.166	0.984	LCER(24:1)	Sphingolipids	Lactosylceramide
AL	CRP	id_151	0.017	-0.044	0.09	0.62	-0.029	-0.419	0.354	0.932	-0.012	-0.401	0.365	0.996	-1.443	-2.103	2.234	0.984	LCER(26:0)	Sphingolipids	Lactosylceramide
AL	CRP	id_160	-0.01	-0.123	0.103	0.926	-0.002	-0.372	0.37	0.976	-0.012	-0.382	0.368	0.936	0.857	-3.44	3.053	0.79	LPC(18:2)	Lysophosphatidylcholine	LPC Ester
AL	CRP	id_196	-0.025	-0.152	0.085	0.634	0.013	-0.35	0.385	0.91	-0.012	-0.385	0.365	0.988	2.115	-2.792	6.334	0.798	MAG(18:3)	MAG	Ester
AL	CRP	id_199	-0.007	-0.071	0.023	0.718	-0.005	-0.394	0.382	0.994	-0.012	-0.397	0.373	0.964	0.568	-1.379	1.305	0.966	MAG(20:1)	MAG	Ester
AL	CRP	id_200	-0.017	-0.122	0.063	0.764	0.005	-0.388	0.402	0.94	-0.012	-0.422	0.397	0.968	1.419	-2.642	2.444	0.872	MAG(20:2)	MAG	Ester
AL	CRP	id_201	-0.008	-0.078	0.059	0.81	-0.004	-0.406	0.4	0.986	-0.012	-0.42	0.382	0.978	0.682	-1.822	2.669	0.944	MAG(20:3)	MAG	Ester
AL	CRP	id_251	0.007	-0.049	0.086	0.794	-0.019	-0.398	0.389	0.868	-0.012	-0.384	0.389	0.886	-0.603	-1.8	1.544	0.972	PC(16:0/22:6)	Phosphatidylcholine	PC Ester
AL	CRP	id_288	-0.021	-0.111	0.033	0.526	0.009	-0.371	0.402	0.962	-0.012	-0.377	0.397	0.968	1.766	-2.396	1.842	0.866	PC(18:1/22:6)	Phosphatidylcholine	PC Ester
AL	CRP	id_293	-0.017	-0.097	0.076	0.684	0.005	-0.386	0.387	0.934	-0.012	-0.394	0.384	0.988	1.453	-2.561	2.373	0.88	PC(18:2/20:2)	Phosphatidylcholine	PC Ester
AL	CRP	id_298	0.021	-0.031	0.099	0.464	-0.033	-0.419	0.363	0.842	-0.012	-0.401	0.38	0.916	-1.819	-1.885	2.063	0.968	PC(18:2/22:5)	Phosphatidylcholine	PC Ester
AL	CRP	id_332	0.006	-0.071	0.109	0.872	-0.018	-0.401	0.374	0.922	-0.012	-0.403	0.394	0.956	-0.504	-3.015	2.835	0.896	PE(18:0/18:0)	Phosphatidylethanolamine	PE Ester
AL	CRP	id_359	0.003	-0.058	0.095	0.87	-0.014	-0.394	0.353	0.874	-0.012	-0.392	0.371	0.908	-0.225	-1.702	2.329	0.898	PE(18:2/16:1)	Phosphatidylethanolamine	PE Ester
AL	CRP	id_366	-0.009	-0.091	0.043	0.706	-0.003	-0.397	0.39	0.97	-0.012	-0.412	0.385	0.998	0.744	-1.901	1.339	0.928	PE(O-16:0/18:2)	Phosphatidylethanolamine	PE Ether

AL	CRP	id_368	-0.005	-0.059	0.035	0.8	-0.007	-0.408	0.394	0.95	-0.012	-0.399	0.393	0.938	0.39	-1.219	1.165	0.966	PE(O-16:0/20:4)	Phosphatidylethanolamine	PE Ether
AL	CRP	id_372	0.011	-0.048	0.109	0.694	-0.023	-0.441	0.36	0.872	-0.012	-0.405	0.372	0.938	-0.935	-2.174	2	0.988	PE(O-16:0/22:6)	Phosphatidylethanolamine	PE Ether
AL	CRP	id_378	-0.011	-0.08	0.034	0.61	0	-0.375	0.36	1	-0.012	-0.382	0.357	0.948	0.965	-1.876	1.725	0.894	PE(O-18:0/20:4)	Phosphatidylethanolamine	PE Ether
AL	CRP	id_381	-0.011	-0.077	0.037	0.666	-0.001	-0.397	0.391	0.984	-0.012	-0.405	0.385	0.976	0.896	-1.792	2.387	0.954	PE(O-18:0/22:5)	Phosphatidylethanolamine	PE Ether
AL	CRP	id_382	0	-0.044	0.034	0.984	-0.011	-0.387	0.375	0.948	-0.012	-0.38	0.368	0.948	0.021	-0.836	1.49	0.972	PE(O-18:0/22:6)	Phosphatidylethanolamine	PE Ether
AL	CRP	id_387	-0.012	-0.091	0.035	0.652	0	-0.374	0.402	0.95	-0.012	-0.379	0.397	0.908	0.982	-1.511	1.425	0.916	PE(P-16:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen
AL	CRP	id_392	-0.032	-0.102	0.024	0.3	0.02	-0.364	0.385	0.89	-0.012	-0.403	0.366	0.982	2.719	-2.351	2.526	0.902	PE(P-16:0/20:4)	Phosphatidylethanolamine	PE Plasmalogen
AL	CRP	id_395	-0.014	-0.094	0.053	0.712	0.002	-0.373	0.377	0.978	-0.012	-0.385	0.36	0.944	1.17	-2.096	2.213	0.916	PE(P-16:0/22:5)	Phosphatidylethanolamine	PE Plasmalogen
AL	CRP	id_396	-0.008	-0.067	0.035	0.78	-0.003	-0.38	0.378	0.924	-0.012	-0.378	0.377	0.894	0.707	-1.537	1.176	0.942	PE(P-16:0/22:6)	Phosphatidylethanolamine	PE Plasmalogen
AL	CRP	id_401	-0.016	-0.097	0.039	0.536	0.004	-0.401	0.394	0.98	-0.012	-0.418	0.395	0.952	1.36	-2.944	2.135	0.916	PE(P-18:0/18:1)	Phosphatidylethanolamine	PE Plasmalogen
AL	CRP	id_402	-0.002	-0.048	0.038	0.898	-0.01	-0.391	0.373	0.998	-0.012	-0.384	0.366	0.984	0.17	-0.889	0.805	0.954	PE(P-18:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen
AL	CRP	id_406	-0.018	-0.083	0.036	0.546	0.006	-0.402	0.378	0.974	-0.012	-0.417	0.378	0.976	1.529	-1.181	1.615	0.926	PE(P-18:0/20:4)	Phosphatidylethanolamine	PE Plasmalogen
AL	CRP	id_409	-0.007	-0.056	0.03	0.772	-0.005	-0.397	0.356	0.914	-0.012	-0.396	0.358	0.884	0.587	-1.675	0.996	0.948	PE(P-18:0/22:5)	Phosphatidylethanolamine	PE Plasmalogen
AL	CRP	id_410	0.003	-0.034	0.057	0.778	-0.015	-0.43	0.38	0.922	-0.012	-0.412	0.388	0.96	-0.279	-1.007	1.39	0.99	PE(P-18:0/22:6)	Phosphatidylethanolamine	PE Plasmalogen
AL	CRP	id_411	-0.011	-0.092	0.054	0.718	-0.001	-0.365	0.405	0.972	-0.012	-0.384	0.393	0.93	0.951	-2.146	1.974	0.896	PE(P-18:1/16:0)	Phosphatidylethanolamine	PE Plasmalogen

AL	CRP	id_415	-0.014	-0.076	0.049	0.616	0.002	-0.384	0.406	0.976	-0.012	-0.392	0.379	0.94	1.203	-1.683	1.825	0.964	PE(P-18:1/18:2)	Phosphatidylethanolamine	PE Plasmalogen
AL	CRP	id_419	-0.038	-0.131	0.017	0.198	0.026	-0.358	0.398	0.894	-0.012	-0.394	0.361	0.934	3.25	-4.026	3.005	0.928	PE(P-18:1/20:4)	Phosphatidylethanolamine	PE Plasmalogen
AL	CRP	id_421	-0.09	-0.217	0.028	0.144	0.078	-0.299	0.494	0.692	-0.012	-0.379	0.368	0.972	7.675	-9.056	6.579	0.948	PE(P-18:1/22:4)	Phosphatidylethanolamine	PE Plasmalogen
AL	CRP	id_422	-0.02	-0.088	0.042	0.528	0.008	-0.367	0.397	0.992	-0.012	-0.397	0.376	0.91	1.722	-1.492	2.48	0.878	PE(P-18:1/22:5)	Phosphatidylethanolamine	PE Plasmalogen
AL	CRP	id_423	0.006	-0.035	0.067	0.776	-0.018	-0.417	0.338	0.93	-0.012	-0.407	0.364	0.994	-0.529	-0.862	1.418	0.942	PE(P-18:1/22:6)	Phosphatidylethanolamine	PE Plasmalogen
AL	CRP	id_424	-0.012	-0.114	0.061	0.774	0	-0.416	0.422	0.934	-0.012	-0.422	0.396	0.988	1.036	-2.458	2.902	0.926	PE(P-18:2/18:2)	Phosphatidylethanolamine	PE Plasmalogen
AL	CRP	id_425	-0.035	-0.116	0.019	0.24	0.023	-0.376	0.425	0.918	-0.012	-0.398	0.384	0.956	2.991	-2.544	2.71	0.904	PE(P-18:2/20:4)	Phosphatidylethanolamine	PE Plasmalogen
CR	Fasting insulin	id_150	-0.031	-0.072	-0.002	0.03	-0.239	-0.38	-0.094	0.002	-0.27	-0.413	-0.123	0	0.115	0.008	0.324	0.03	LCER(24:1)	Sphingolipids	PE Lactosylceramide
CR	Fasting insulin	id_392	-0.026	-0.061	-0.001	0.038	-0.244	-0.39	-0.091	0	-0.27	-0.411	-0.119	0	0.097	0.005	0.312	0.038	PE(P-16:0/20:4)	Phosphatidylethanolamine	PE Plasmalogen
CR	Fasting insulin	id_034	-0.016	-0.087	0	0.05	-0.254	-0.383	-0.09	0.002	-0.27	-0.404	-0.123	0	0.059	0.001	0.378	0.05	CE(20:2)	Cholesterol Ester	CE Ester
CR	Fasting insulin	id_228	-0.017	-0.061	0	0.056	-0.253	-0.383	-0.099	0	-0.27	-0.411	-0.113	0	0.062	-0.001	0.244	0.056	PC(15:0/18:2)	Phosphatidylcholine	PC Ester
CR	Fasting insulin	id_035	-0.016	-0.088	0.001	0.062	-0.254	-0.381	-0.093	0.002	-0.27	-0.396	-0.123	0.002	0.06	-0.005	0.385	0.064	CE(20:3)	Cholesterol Ester	CE Ester
CR	Fasting insulin	id_667	-0.015	-0.149	0.001	0.064	-0.255	-0.391	-0.062	0.004	-0.27	-0.409	-0.126	0.002	0.055	-0.004	0.651	0.066	TAG51:4-FA16:0	Triacylglycerol	TAG Ester
CR	Fasting insulin	id_419	-0.022	-0.059	0.001	0.064	-0.248	-0.385	-0.078	0.002	-0.27	-0.406	-0.107	0	0.083	-0.002	0.293	0.064	PE(P-18:1/20:4)	Phosphatidylethanolamine	PE Plasmalogen
CR	Fasting insulin	id_663	-0.017	-0.122	0.001	0.076	-0.253	-0.381	-0.077	0.004	-0.27	-0.406	-0.135	0	0.065	-0.003	0.514	0.076	TAG51:3-FA18:1	Triacylglycerol	TAG Ester
CR	Fasting insulin	id_660	-0.013	-0.17	0.002	0.1	-0.257	-0.383	-0.047	0.02	-0.27	-0.41	-0.124	0	0.05	-0.006	0.737	0.1	TAG51:3-FA16:0	Triacylglycerol	TAG Ester

CR	Fasting insulin	id_395	-0.016	-0.056	0.003	0.116	-0.254	-0.394	-0.101	0.002	-0.27	-0.408	-0.126	0	0.058	-0.011	0.274	0.116	PE(P- 16:0/22:5)	Phosphatidyleth anolamine	PE Plasmalogen
CR	Fasting insulin	id_359	-0.014	-0.042	0.005	0.16	-0.256	-0.391	-0.105	0	-0.27	-0.4	-0.121	0	0.052	-0.018	0.199	0.16	PE(18:2/16:1)	Phosphatidyleth anolamine	PE Ester
CR	Fasting insulin	id_036	-0.013	-0.047	0.005	0.162	-0.257	-0.398	-0.1	0	-0.27	-0.411	-0.118	0	0.049	-0.017	0.218	0.162	CE(20:4)	Cholesterol Ester	CE Ester Lactosylcera mide
CR	Fasting insulin	id_145	0.012	-0.004	0.034	0.164	-0.282	-0.42	-0.135	0	-0.27	-0.408	-0.118	0	-0.043	-0.169	0.018	0.164	LCER(20:0)	Sphingolipids	
CR	Fasting insulin	id_368	-0.019	-0.053	0.009	0.168	-0.251	-0.393	-0.1	0	-0.27	-0.408	-0.12	0	0.072	-0.043	0.235	0.168	PE(O- 16:0/20:4)	Phosphatidyleth anolamine	PE Ether
CR	Fasting insulin	id_041	-0.011	-0.043	0.005	0.17	-0.259	-0.393	-0.116	0	-0.27	-0.402	-0.132	0	0.043	-0.014	0.193	0.17	CE(22:4)	Cholesterol Ester	CE Ester
CR	Fasting insulin	id_406	-0.013	-0.04	0.006	0.188	-0.257	-0.398	-0.107	0.004	-0.27	-0.406	-0.12	0.002	0.049	-0.021	0.194	0.186	PE(P- 18:0/20:4)	Phosphatidyleth anolamine	PE Plasmalogen
CR	Fasting insulin	id_421	-0.016	-0.065	0.007	0.194	-0.254	-0.406	-0.106	0	-0.27	-0.415	-0.131	0	0.057	-0.024	0.268	0.194	PE(P- 18:1/22:4)	Phosphatidyleth anolamine	PE Plasmalogen
CR	Fasting insulin	id_366	-0.014	-0.046	0.005	0.212	-0.256	-0.391	-0.109	0	-0.27	-0.403	-0.124	0	0.051	-0.017	0.2	0.212	PE(O- 16:0/18:2)	Phosphatidyleth anolamine	PE Ether
CR	Fasting insulin	id_405	-0.011	-0.056	0.007	0.224	-0.259	-0.393	-0.101	0	-0.27	-0.406	-0.12	0	0.041	-0.022	0.235	0.224	PE(P- 18:0/20:3)	Phosphatidyleth anolamine	PE Plasmalogen
CR	Fasting insulin	id_387	-0.011	-0.037	0.005	0.244	-0.259	-0.4	-0.122	0.002	-0.27	-0.408	-0.134	0.002	0.04	-0.026	0.158	0.246	PE(P- 16:0/18:2)	Phosphatidyleth anolamine	PE Plasmalogen
CR	Fasting insulin	id_283	-0.012	-0.075	0.008	0.252	-0.258	-0.394	-0.097	0	-0.27	-0.41	-0.137	0	0.046	-0.026	0.339	0.252	PC(18:1/20:3)	Phosphatidylchol ine	PC Ester
CR	Fasting insulin	id_860	-0.007	-0.093	0.005	0.252	-0.263	-0.389	-0.093	0	-0.27	-0.409	-0.137	0	0.026	-0.017	0.375	0.252	TAG55:7- FA18:1	Triacylglycerol	TAG Ester
CR	Fasting insulin	id_026	-0.008	-0.067	0.006	0.276	-0.262	-0.394	-0.108	0.002	-0.27	-0.402	-0.14	0	0.031	-0.019	0.314	0.276	CE(17:0)	Cholesterol Ester	CE Ester
CR	Fasting insulin	id_289	-0.009	-0.053	0.008	0.3	-0.261	-0.398	-0.108	0	-0.27	-0.411	-0.13	0	0.033	-0.029	0.254	0.3	PC(18:2/16:1)	Phosphatidylchol ine	PC Ester
CR	Fasting insulin	id_409	-0.012	-0.055	0.011	0.316	-0.258	-0.4	-0.109	0	-0.27	-0.413	-0.135	0	0.043	-0.035	0.265	0.316	PE(P- 18:0/22:5)	Phosphatidyleth anolamine	PE Plasmalogen
CR	Fasting insulin	id_121	-0.005	-0.043	0.005	0.326	-0.265	-0.401	-0.119	0	-0.27	-0.411	-0.129	0	0.02	-0.019	0.181	0.326	DCER(20:1)	Sphingolipids	Dihydroceram ide

CR	Fasting insulin	id_272	-0.01	-0.042	0.011	0.326	-0.26	-0.41	-0.117	0.002	-0.27	-0.414	-0.135	0	0.036	-0.036	0.178	0.326	PC(18:0/20:4)	Phosphatidylcholine	PC Ester
CR	Fasting insulin	id_978	-0.006	-0.041	0.006	0.338	-0.264	-0.418	-0.117	0	-0.27	-0.426	-0.128	0	0.022	-0.02	0.158	0.338	Total CE	Neutral Complex Lipids SUM	Cholesteryl Esters
CR	Fasting insulin	id_157	0.005	-0.006	0.017	0.342	-0.275	-0.406	-0.119	0	-0.27	-0.398	-0.112	0	-0.019	-0.084	0.028	0.342	LPC(17:0)	Lysophosphatidylcholine	LPC Ester
CR	Fasting insulin	id_456	-0.006	-0.032	0.006	0.346	-0.264	-0.402	-0.11	0	-0.27	-0.409	-0.122	0	0.021	-0.022	0.141	0.346	SM(24:0)	Sphingolipids	Sphingomyelin
CR	Fasting insulin	id_987	-0.006	-0.04	0.007	0.35	-0.264	-0.404	-0.121	0.002	-0.27	-0.411	-0.134	0.002	0.023	-0.025	0.168	0.352	Total PC SUM	Phospholipid SUM	Phosphatidylcholines
CR	Fasting insulin	id_381	-0.01	-0.057	0.011	0.36	-0.26	-0.411	-0.109	0.002	-0.27	-0.418	-0.137	0	0.035	-0.038	0.267	0.36	PE(O-18:0/22:5)	Phosphatidylethanolamine	PE Ether
CR	Fasting insulin	id_048	-0.012	-0.085	0.014	0.364	-0.258	-0.396	-0.092	0.004	-0.27	-0.402	-0.129	0.002	0.043	-0.049	0.374	0.366	CER(18:0)	Sphingolipids	Ceramide Sphingomyelin
CR	Fasting insulin	id_458	0.004	-0.006	0.016	0.37	-0.274	-0.407	-0.137	0	-0.27	-0.403	-0.135	0	-0.015	-0.065	0.022	0.37	SM(26:0)	Sphingolipids	n
CR	Fasting insulin	id_027	-0.006	-0.051	0.008	0.376	-0.264	-0.411	-0.112	0	-0.27	-0.414	-0.125	0	0.024	-0.028	0.222	0.376	CE(18:0)	Cholesterol Ester	CE Ester
CR	Fasting insulin	id_773	-0.004	-0.064	0.008	0.382	-0.266	-0.409	-0.112	0	-0.27	-0.417	-0.126	0	0.016	-0.025	0.235	0.382	FA18:3 TAG53:7-	Triacylglycerol	TAG Ester
CR	Fasting insulin	id_770	-0.004	-0.065	0.007	0.388	-0.266	-0.396	-0.114	0	-0.27	-0.404	-0.128	0	0.013	-0.022	0.238	0.388	FA18:2 TAG53:6-	Triacylglycerol	TAG Ester
CR	Fasting insulin	id_939	0.002	-0.008	0.011	0.388	-0.272	-0.417	-0.133	0	-0.27	-0.419	-0.131	0	-0.009	-0.04	0.029	0.388	FA22:6 TAG57:9-	Triacylglycerol	TAG Ester
CR	Fasting insulin	id_122	-0.006	-0.056	0.008	0.396	-0.264	-0.396	-0.111	0	-0.27	-0.401	-0.124	0	0.024	-0.029	0.238	0.396	DCER(22:0)	Sphingolipids	Dihydroceramide
CR	Fasting insulin	id_149	-0.015	-0.057	0.02	0.402	-0.255	-0.394	-0.115	0	-0.27	-0.409	-0.129	0	0.054	-0.095	0.228	0.402	LCER(24:0)	Sphingolipids	Lactosylceramide
CR	Fasting insulin	id_230	-0.008	-0.028	0.01	0.408	-0.262	-0.402	-0.118	0	-0.27	-0.405	-0.132	0	0.03	-0.044	0.13	0.408	PC(15:0/20:4)	Phosphatidylcholine	PC Ester
CR	Fasting insulin	id_378	-0.007	-0.032	0.011	0.414	-0.263	-0.411	-0.109	0	-0.27	-0.412	-0.118	0	0.027	-0.037	0.168	0.414	PE(O-18:0/20:4)	Phosphatidylethanolamine	PE Ether
CR	Fasting insulin	id_449	0.004	-0.006	0.015	0.418	-0.274	-0.419	-0.127	0	-0.27	-0.412	-0.128	0	-0.014	-0.054	0.023	0.418	SM(16:0)	Sphingolipids	Sphingomyelin
CR	Fasting insulin	id_072	0.005	-0.006	0.024	0.418	-0.275	-0.402	-0.129	0	-0.27	-0.395	-0.119	0	-0.02	-0.111	0.024	0.418	DAG(14:1/18:1)	Diacylglycerol	DAG Ester
CR	Fasting insulin	id_425	-0.008	-0.028	0.009	0.418	-0.262	-0.407	-0.12	0	-0.27	-0.41	-0.128	0	0.029	-0.042	0.129	0.418	PE(P-18:2/20:4)	Phosphatidylethanolamine	PE Plasmalogen

CR	Fasting insulin	id_454	-0.005	-0.047	0.008	0.422	-0.265	-0.406	-0.112	0	-0.27	-0.415	-0.125	0	0.02	-0.028	0.193	0.422	SM(22:0) TAG53:4-	Sphingolipids	Sphingomyelin
CR	Fasting insulin	id_761	-0.004	-0.108	0.005	0.424	-0.266	-0.394	-0.085	0	-0.27	-0.406	-0.126	0	0.014	-0.019	0.478	0.424	FA18:1	Triacylglycerol	TAG Ester
CR	Fasting insulin	id_029	-0.004	-0.035	0.006	0.426	-0.265	-0.399	-0.122	0.002	-0.27	-0.406	-0.133	0.002	0.017	-0.021	0.146	0.428	CE(18:2)	Cholesterol Ester	CE Ester
CR	Fasting insulin	id_053	-0.009	-0.107	0.012	0.432	-0.261	-0.403	-0.08	0.008	-0.27	-0.411	-0.118	0.002	0.032	-0.038	0.497	0.434	CER(22:1)	Sphingolipids	Ceramide Hexosylceramide
CR	Fasting insulin	id_131	0.004	-0.007	0.017	0.434	-0.274	-0.414	-0.136	0	-0.27	-0.406	-0.133	0	-0.016	-0.073	0.031	0.434	HCER(18:0)	Sphingolipids	ide
CR	Fasting insulin	id_241	-0.004	-0.023	0.007	0.446	-0.266	-0.403	-0.136	0	-0.27	-0.41	-0.141	0	0.016	-0.027	0.094	0.446	PC(16:0/18:2)	Phosphatidylcholine	PC Ester
CR	Fasting insulin	id_208	0.005	-0.013	0.017	0.454	-0.275	-0.401	-0.131	0	-0.27	-0.393	-0.127	0	-0.019	-0.071	0.047	0.454	MAG(22:5)	MAG	Ester
CR	Fasting insulin	id_024	-0.005	-0.034	0.008	0.46	-0.265	-0.401	-0.124	0	-0.27	-0.409	-0.132	0	0.017	-0.027	0.139	0.46	CE(16:0)	Cholesterol Ester	CE Ester
CR	Fasting insulin	id_052	-0.006	-0.06	0.01	0.468	-0.264	-0.405	-0.101	0.002	-0.27	-0.415	-0.115	0	0.021	-0.035	0.251	0.468	CER(22:0)	Sphingolipids	Ceramide Lactosylceramide
CR	Fasting insulin	id_151	-0.01	-0.041	0.015	0.472	-0.26	-0.404	-0.116	0	-0.27	-0.415	-0.129	0	0.037	-0.074	0.19	0.472	LCER(26:0)	Sphingolipids	Phosphatidylcholine
CR	Fasting insulin	id_293	-0.005	-0.025	0.007	0.472	-0.265	-0.411	-0.111	0	-0.27	-0.417	-0.118	0	0.02	-0.026	0.106	0.472	PC(18:2/20:2) TAG53:5-	ine	PC Ester
CR	Fasting insulin	id_766	-0.003	-0.096	0.007	0.474	-0.267	-0.396	-0.107	0.002	-0.27	-0.404	-0.129	0	0.009	-0.024	0.363	0.474	FA18:2	Triacylglycerol	TAG Ester
CR	Fasting insulin	id_042	-0.005	-0.027	0.009	0.48	-0.265	-0.399	-0.112	0.002	-0.27	-0.407	-0.117	0	0.018	-0.032	0.126	0.48	CE(22:5)	Cholesterol Ester	CE Ester
CR	insulin	id_142	-0.007	-0.039	0.012	0.48	-0.263	-0.395	-0.125	0	-0.27	-0.406	-0.13	0	0.028	-0.056	0.163	0.48	LCER(16:0)	Sphingolipids	Lactosylceramide Dihydroceramide
CR	IGF-1	id_124	0.013	0.003	0.035	0.01	-0.055	-0.141	0.024	0.188	-0.042	-0.119	0.037	0.314	-0.325	-3.85	2.396	0.32	DCER(22:2)	Sphingolipids	ide
CR	IGF-1	id_979	0.012	0.004	0.033	0.01	-0.054	-0.138	0.03	0.212	-0.042	-0.121	0.045	0.328	-0.291	-3.286	2.176	0.334	Total CER	Sphingolipid SUM	Ceramides
CR	IGF-1	id_054	0.012	0.003	0.034	0.012	-0.054	-0.144	0.025	0.168	-0.042	-0.126	0.039	0.31	-0.298	-2.951	3.537	0.322	CER(24:0)	Sphingolipids	Ceramide Dihydroceramide
CR	IGF-1	id_125	0.012	0.004	0.034	0.012	-0.054	-0.142	0.028	0.218	-0.042	-0.127	0.046	0.36	-0.288	-3.171	3.063	0.368	DCER(24:0)	Sphingolipids	ide
CR	IGF-1	id_053	0.014	0.005	0.048	0.02	-0.056	-0.145	0.029	0.174	-0.042	-0.121	0.05	0.324	-0.347	-4.127	4.273	0.34	CER(22:1)	Sphingolipids	Ceramide
CR	IGF-1	id_981	0.009	0.003	0.031	0.02	-0.05	-0.141	0.026	0.2	-0.042	-0.129	0.035	0.312	-0.212	-3.943	2.639	0.328	Total DCER	Sphingolipid SUM	Dihydroceramides
CR	IGF-1	id_034	0.01	0.001	0.031	0.022	-0.052	-0.143	0.029	0.22	-0.042	-0.128	0.041	0.318	-0.253	-2.743	2.347	0.332	CE(20:2)	Cholesterol Ester	CE Ester

CR	IGF-1	id_035	0.011	0.002	0.032	0.022	-0.053	-0.136	0.033	0.21	-0.042	-0.122	0.042	0.32	-0.27	-3.327	2.521	0.334	CE(20:3)	Cholesterol Ester	CE Ester
CR	IGF-1	id_455	0.009	0.001	0.029	0.03	-0.051	-0.133	0.025	0.23	-0.042	-0.122	0.041	0.364	-0.227	-2.581	2.783	0.382	SM(22:1)	Sphingolipids	Sphingomyelin
CR	IGF-1	id_126	0.007	0.001	0.024	0.034	-0.049	-0.134	0.027	0.23	-0.042	-0.122	0.036	0.314	-0.175	-2.337	1.943	0.324	DCER(24:1)	Sphingolipids	Dihydroceramide
CR	IGF-1	id_047	0.008	0	0.025	0.04	-0.05	-0.13	0.03	0.228	-0.042	-0.117	0.039	0.306	-0.2	-2.569	1.555	0.338	CER(16:0)	Sphingolipids	Ceramide
CR	IGF-1	id_398	0.009	0	0.021	0.04	-0.051	-0.129	0.032	0.212	-0.042	-0.121	0.04	0.322	-0.223	-3.102	1.919	0.354	PE(P-18:0/16:0)	Phosphatidylethanolamine	PE Plasmalogen
CR	IGF-1	id_055	0.01	0	0.023	0.042	-0.052	-0.142	0.03	0.226	-0.042	-0.13	0.042	0.324	-0.243	-3.714	2.231	0.354	CER(24:1)	Sphingolipids	Ceramide
CR	IGF-1	id_456	0.011	0	0.029	0.042	-0.053	-0.135	0.033	0.23	-0.042	-0.125	0.044	0.33	-0.274	-2.602	2.419	0.364	SM(24:0)	Sphingolipids	Sphingomyelin
CR	IGF-1	id_448	0.01	0	0.027	0.044	-0.052	-0.138	0.027	0.214	-0.042	-0.125	0.04	0.324	-0.24	-3.294	2.103	0.36	SM(14:0)	Sphingolipids	Sphingomyelin
CR	IGF-1	id_136	0.01	0	0.026	0.048	-0.052	-0.131	0.032	0.198	-0.042	-0.119	0.041	0.3	-0.251	-4.022	2.057	0.328	HCER(22:1)	Sphingolipids	Hexosylceramide
CR	IGF-1	id_990	0.008	0	0.024	0.048	-0.05	-0.136	0.035	0.224	-0.042	-0.126	0.044	0.314	-0.197	-2.867	1.81	0.358	Total SM	Sphingolipid SUM	Sphingomyelins
CR	IGF-1	id_978	0.01	0	0.026	0.052	-0.051	-0.135	0.031	0.248	-0.042	-0.127	0.042	0.334	-0.239	-3.044	1.92	0.382	Total CE	Neutral Complex Lipids SUM	Cholesteryl Esters
CR	IGF-1	id_422	0.014	0	0.036	0.052	-0.056	-0.142	0.031	0.198	-0.042	-0.125	0.044	0.322	-0.341	-5.505	2.821	0.358	PE(P-18:1/22:5)	Phosphatidylethanolamine	PE Plasmalogen Sphingomyelin
CR	IGF-1	id_453	0.01	0	0.027	0.054	-0.051	-0.129	0.03	0.22	-0.042	-0.118	0.039	0.324	-0.231	-3.068	2.031	0.358	SM(20:1)	Sphingolipids	n
CR	IGF-1	id_987	0.01	0	0.025	0.054	-0.051	-0.131	0.021	0.154	-0.042	-0.122	0.032	0.262	-0.235	-2.655	1.896	0.304	Total PC	Phospholipid SUM	Phosphatidylcholines
CR	IGF-1	id_132	0.008	0	0.021	0.06	-0.05	-0.133	0.028	0.212	-0.042	-0.12	0.038	0.322	-0.194	-2.674	1.971	0.366	HCER(18:1)	Sphingolipids	Hexosylceramide
CR	IGF-1	id_036	0.009	0	0.024	0.064	-0.051	-0.131	0.029	0.226	-0.042	-0.119	0.036	0.324	-0.227	-1.744	2.569	0.368	CE(20:4)	Cholesterol Ester	CE Ester
CR	IGF-1	id_051	0.013	-0.001	0.041	0.064	-0.055	-0.141	0.025	0.168	-0.042	-0.126	0.04	0.32	-0.316	-3.8	3.802	0.38	CER(20:1)	Sphingolipids	Ceramide
CR	IGF-1	id_454	0.009	-0.001	0.022	0.064	-0.05	-0.133	0.033	0.242	-0.042	-0.122	0.043	0.334	-0.205	-2.211	2.116	0.374	SM(22:0)	Sphingolipids	Sphingomyelin
CR	IGF-1	id_041	0.01	0	0.024	0.066	-0.052	-0.136	0.032	0.19	-0.042	-0.123	0.043	0.272	-0.24	-3.21	1.794	0.33	CE(22:4)	Cholesterol Ester	CE Ester

CR	IGF-1	id_386	0.009	0	0.026	0.066	-0.051	-0.129	0.03	0.208	-0.042	-0.121	0.037	0.312	-0.227	-3.179	2.417	0.358	PE(P-16:0/18:1) TAG55:7-	Phosphatidylethanolamine	PE Plasmalogen
CR	IGF-1	id_860	0.007	-0.002	0.024	0.068	-0.049	-0.133	0.033	0.246	-0.042	-0.124	0.044	0.354	-0.168	-1.65	2.219	0.398	FA18:1	Triacylglycerol	TAG Ester
CR	IGF-1	id_050	0.01	-0.003	0.031	0.074	-0.052	-0.143	0.03	0.222	-0.042	-0.128	0.039	0.316	-0.247	-2.601	2.83	0.366	CER(20:0)	Sphingolipids	Ceramide
CR	IGF-1	id_395	0.013	-0.001	0.034	0.078	-0.054	-0.132	0.025	0.158	-0.042	-0.12	0.038	0.304	-0.311	-3.303	4.444	0.358	PE(P-16:0/22:5)	Phosphatidylethanolamine	PE Plasmalogen
CR	IGF-1	id_024	0.009	-0.001	0.021	0.08	-0.05	-0.13	0.042	0.242	-0.042	-0.122	0.05	0.336	-0.206	-2.354	2.105	0.392	CE(16:0)	Cholesterol Ester	CE Ester
CR	IGF-1	id_027	0.009	-0.002	0.023	0.082	-0.05	-0.129	0.031	0.206	-0.042	-0.115	0.041	0.298	-0.214	-2.3	2.046	0.348	CE(18:0)	Cholesterol Ester	CE Ester
CR	IGF-1	id_029	0.008	-0.001	0.02	0.088	-0.049	-0.133	0.034	0.236	-0.042	-0.126	0.043	0.312	-0.183	-2.908	2.148	0.368	CE(18:2)	Cholesterol Ester	CE Ester
CR	IGF-1	id_026	0.008	-0.002	0.022	0.09	-0.05	-0.133	0.031	0.232	-0.042	-0.122	0.038	0.34	-0.201	-1.548	2.151	0.39	CE(17:0)	Cholesterol Ester	CE Ester
CR	IGF-1	id_052	0.01	-0.002	0.029	0.094	-0.052	-0.135	0.03	0.218	-0.042	-0.123	0.037	0.324	-0.245	-2.483	2.298	0.358	CER(22:0)	Sphingolipids	Ceramide
CR	IGF-1	id_028	0.009	-0.002	0.022	0.098	-0.05	-0.134	0.043	0.242	-0.042	-0.123	0.055	0.35	-0.215	-2.042	2.392	0.412	CE(18:1)	Cholesterol Ester	CE Ester
CR	IGF-1	id_381	0.013	-0.003	0.033	0.102	-0.054	-0.137	0.032	0.192	-0.042	-0.122	0.043	0.29	-0.304	-3.109	2.455	0.372	PE(O-18:0/22:5)	Phosphatidylethanolamine	PE Ether
CR	IGF-1	id_023	0.008	-0.002	0.022	0.104	-0.049	-0.136	0.036	0.244	-0.042	-0.126	0.045	0.338	-0.186	-1.607	2.314	0.418	CE(15:0)	Cholesterol Ester	CE Ester
CR	IGF-1	id_122	0.009	-0.003	0.025	0.116	-0.05	-0.13	0.028	0.204	-0.042	-0.121	0.037	0.31	-0.215	-1.975	2.598	0.374	DCER(22:0) TAG55:6-	Sphingolipids	Dihydroceramide
CR	IGF-1	id_856	0.004	-0.002	0.014	0.116	-0.046	-0.127	0.038	0.284	-0.042	-0.121	0.044	0.348	-0.099	-1.112	1.778	0.424	FA18:1	Triacylglycerol	TAG Ester
CR	IGF-1	id_284	0.009	-0.003	0.025	0.118	-0.051	-0.13	0.028	0.22	-0.042	-0.124	0.041	0.326	-0.222	-2.733	2.728	0.408	PC(18:1/20:4)	Phosphatidylcholine	PC Ester
CR	IGF-1	id_049	0.01	-0.004	0.036	0.12	-0.052	-0.137	0.03	0.208	-0.042	-0.125	0.038	0.336	-0.245	-2.26	3.421	0.428	CER(18:1)	Sphingolipids	Ceramide
CR	IGF-1	id_283	0.012	-0.004	0.033	0.124	-0.053	-0.134	0.026	0.204	-0.042	-0.124	0.039	0.308	-0.285	-2.715	2.76	0.416	PC(18:1/20:3) TAG55:8-	Phosphatidylcholine	PC Ester
CR	IGF-1	id_864	0.004	-0.003	0.018	0.124	-0.046	-0.126	0.042	0.28	-0.042	-0.119	0.045	0.342	-0.102	-1.624	1.412	0.422	FA20:4	Triacylglycerol	TAG Ester
CR	IGF-1	id_272	0.008	-0.003	0.021	0.148	-0.05	-0.134	0.033	0.222	-0.042	-0.126	0.041	0.302	-0.196	-1.884	1.91	0.43	PC(18:0/20:4)	Phosphatidylcholine	PC Ester
CR	IGF-1	id_145	0.009	-0.003	0.024	0.15	-0.05	-0.133	0.029	0.222	-0.042	-0.122	0.037	0.322	-0.209	-2.368	2.001	0.432	LCER(20:0)	Sphingolipids	Lactosylceramide

CR	IGF-1	id_120	0.005	-0.002	0.017	0.152	-0.047	-0.133	0.036	0.258	-0.042	-0.129	0.04	0.304	-0.128	-1.129	1.204	0.416	DCER(20:0)	Sphingolipids	Dihydroceramide
CR	IGF-1	id_452	0.006	-0.003	0.018	0.156	-0.048	-0.129	0.033	0.238	-0.042	-0.123	0.037	0.306	-0.156	-1.906	1.243	0.41	SM(20:0)	Sphingolipids	Sphingomyelin
CR	IGF-1	id_181	0.006	-0.002	0.017	0.158	-0.048	-0.129	0.035	0.274	-0.042	-0.124	0.044	0.33	-0.144	-1.353	1.152	0.456	LPE(20:4)	Lysophosphatidylethanolamine	LPE Ester
CR	IGF-1	id_117	0.005	-0.002	0.015	0.168	-0.047	-0.127	0.037	0.28	-0.042	-0.12	0.044	0.342	-0.129	-1.341	1.154	0.482	DCER(16:0)	Sphingolipids	Dihydroceramide
CR	IGF-1	id_057	0.013	-0.007	0.03	0.17	-0.054	-0.133	0.033	0.206	-0.042	-0.119	0.046	0.346	-0.308	-2.398	3.032	0.496	CER(26:1)	Sphingolipids	Ceramide
CR	IGF-1	id_042	0.011	-0.005	0.028	0.176	-0.053	-0.137	0.029	0.214	-0.042	-0.129	0.039	0.352	-0.268	-2.3	3.007	0.492	CE(22:5)	Cholesterol Ester	CE Ester
CR	IGF-1	id_119	0.006	-0.002	0.016	0.182	-0.047	-0.127	0.033	0.246	-0.042	-0.122	0.04	0.298	-0.136	-1.104	1.464	0.44	DCER(18:1)	Sphingolipids	Dihydroceramide
CR	IGF-1	id_200	0.007	-0.001	0.027	0.188	-0.049	-0.13	0.039	0.272	-0.042	-0.12	0.049	0.34	-0.175	-1.768	1.345	0.476	MAG(20:2)	MAG	Ester
CR	IGF-1	id_409	0.011	-0.006	0.034	0.192	-0.053	-0.137	0.026	0.214	-0.042	-0.122	0.037	0.316	-0.274	-3.112	3.212	0.44	PE(P-18:0/22:5)	Phosphatidylethanolamine	PE Plasmalogen
CR	IGF-1	id_046	0.008	-0.008	0.025	0.194	-0.05	-0.139	0.032	0.206	-0.042	-0.131	0.039	0.284	-0.194	-1.447	2.156	0.43	CER(14:0)	Sphingolipids	Ceramide
CR	IGF-1	id_121	0.005	-0.004	0.015	0.196	-0.047	-0.125	0.034	0.24	-0.042	-0.121	0.038	0.318	-0.124	-1.205	2.065	0.458	DCER(20:1)	Sphingolipids	Dihydroceramide
CR	IGF-1	id_154	0.005	-0.005	0.015	0.198	-0.047	-0.132	0.04	0.262	-0.042	-0.125	0.043	0.314	-0.125	-1.882	1.145	0.48	LPC(15:0)	Lysophosphatidylcholine	LPC Ester
CR	IGF-1	id_449	0.006	-0.006	0.015	0.212	-0.047	-0.131	0.036	0.23	-0.042	-0.125	0.042	0.308	-0.138	-1.758	1.996	0.488	SM(16:0)	Sphingolipids	Sphingomyelin
CR	IGF-1	id_401	0.007	-0.003	0.02	0.212	-0.048	-0.127	0.036	0.26	-0.042	-0.119	0.045	0.348	-0.166	-1.6	1.912	0.512	PE(P-18:0/18:1)	Phosphatidylethanolamine	PE Plasmalogen
CR	IGF-1	id_201	0.005	-0.003	0.015	0.216	-0.046	-0.126	0.032	0.244	-0.042	-0.122	0.035	0.3	-0.118	-1.656	1.304	0.464	MAG(20:3)	MAG	Ester
CR	IGF-1	id_130	0.005	-0.003	0.015	0.222	-0.047	-0.128	0.035	0.304	-0.042	-0.122	0.038	0.344	-0.126	-1.532	1.144	0.466	HCER(16:0)	Sphingolipids	Hexosylceramide
CR	IGF-1	id_196	0.006	-0.004	0.016	0.222	-0.047	-0.128	0.04	0.294	-0.042	-0.124	0.046	0.326	-0.136	-1.496	0.914	0.5	MAG(18:3)	MAG	Ester
CR	IGF-1	id_039	0.007	-0.005	0.019	0.248	-0.048	-0.134	0.041	0.278	-0.042	-0.127	0.048	0.352	-0.167	-1.381	1.958	0.524	CE(22:1) TAG55:7-	Cholesterol Ester	CE Ester
CR	IGF-1	id_861	0.003	-0.004	0.012	0.25	-0.045	-0.13	0.04	0.294	-0.042	-0.125	0.043	0.326	-0.078	-0.736	0.875	0.5	FA20:3	Triacylglycerol	TAG Ester
CR	IGF-1	id_450	0.006	-0.006	0.018	0.256	-0.047	-0.129	0.034	0.304	-0.042	-0.121	0.038	0.36	-0.143	-2.334	1.231	0.504	SM(18:0)	Sphingolipids	Sphingomyelin
CR	IGF-1	id_204	0.004	-0.003	0.012	0.262	-0.045	-0.122	0.036	0.266	-0.042	-0.118	0.041	0.3	-0.094	-1.123	0.69	0.506	MAG(22:0)	MAG	Ester

CR	IGF-1	id_071	0.005	-0.002	0.023	0.264	-0.047	-0.131	0.034	0.256	-0.042	-0.126	0.045	0.32	-0.122	-1.676	1.298	0.536	DAG(14:1/16:0)	Diacylglycerol	DAG Ester
CR	IGF-1	id_129	0.004	-0.003	0.014	0.282	-0.046	-0.138	0.033	0.264	-0.042	-0.133	0.04	0.306	-0.103	-1.414	0.981	0.516	HCER(14:0)	Sphingolipids	Hexosylceramide
CR	IGF-1	id_458	0.004	-0.004	0.013	0.282	-0.046	-0.125	0.033	0.256	-0.042	-0.123	0.036	0.302	-0.107	-1.521	1.432	0.524	SM(26:0)	Sphingolipids	Sphingomyelin
CR	IGF-1	id_862	0.003	-0.005	0.01	0.282	-0.045	-0.125	0.032	0.268	-0.042	-0.119	0.035	0.314	-0.073	-1.014	0.793	0.516	FA20:4	Triacylglycerol	TAG Ester
CR	IGF-1	id_761	0.004	-0.013	0.017	0.284	-0.046	-0.131	0.041	0.264	-0.042	-0.124	0.041	0.316	-0.107	-1.29	1.246	0.508	FA18:1	Triacylglycerol	TAG Ester
CR	IGF-1	id_770	0.004	-0.006	0.012	0.288	-0.045	-0.129	0.037	0.304	-0.042	-0.124	0.039	0.332	-0.087	-0.91	0.848	0.54	FA18:2	Triacylglycerol	TAG Ester
CR	IGF-1	id_060	0.005	-0.001	0.024	0.288	-0.046	-0.127	0.032	0.256	-0.042	-0.121	0.038	0.326	-0.114	-1.949	1.748	0.558	DAG(12:0/18:1)	Diacylglycerol	DAG Ester
CR	IGF-1	id_451	0.007	-0.007	0.021	0.298	-0.049	-0.127	0.038	0.286	-0.042	-0.117	0.041	0.334	-0.172	-1.883	1.272	0.492	SM(18:1)	Sphingolipids	Sphingomyelin
CR	IGF-1	id_157	0.005	-0.006	0.014	0.302	-0.047	-0.129	0.034	0.228	-0.042	-0.125	0.039	0.28	-0.119	-1.269	1.19	0.518	Lysophosphatidylcholine	LPC(17:0)	LPC Ester
CR	IGF-1	id_257	0.006	-0.006	0.017	0.302	-0.047	-0.127	0.04	0.272	-0.042	-0.119	0.044	0.316	-0.139	-1.811	1.464	0.526	Phosphatidylcholine	PC(17:0/20:4)	PC Ester
CR	IGF-1	id_241	0.004	-0.003	0.014	0.304	-0.046	-0.136	0.038	0.318	-0.042	-0.129	0.042	0.37	-0.108	-1.427	1.044	0.562	Phosphatidylcholine	PC(16:0/18:2)	PC Ester
CR	IGF-1	id_134	0.005	-0.005	0.016	0.306	-0.046	-0.125	0.034	0.252	-0.042	-0.12	0.039	0.31	-0.109	-1.056	1.311	0.556	HCER(20:1)	Sphingolipids	Hexosylceramide
CR	IGF-1	id_230	0.004	-0.003	0.018	0.306	-0.046	-0.12	0.037	0.274	-0.042	-0.112	0.042	0.334	-0.106	-1.72	1.37	0.58	Phosphatidylcholine	PC(15:0/20:4)	PC Ester
CR	IGF-1	id_135	0.004	-0.003	0.013	0.31	-0.045	-0.125	0.038	0.274	-0.042	-0.118	0.042	0.338	-0.089	-1.441	1.392	0.584	HCER(22:0)	Sphingolipids	Hexosylceramide
CR	IGF-1	id_414	0.007	-0.006	0.025	0.312	-0.048	-0.133	0.033	0.23	-0.042	-0.125	0.042	0.298	-0.167	-2.612	1.735	0.534	PE(P-18:1/18:1)	Phosphatidylethanolamine	PE
CR	IGF-1	id_116	0.004	-0.002	0.023	0.314	-0.046	-0.134	0.039	0.27	-0.042	-0.125	0.043	0.34	-0.099	-1.841	1.428	0.554	DCER(14:0)	Sphingolipids	Plasmalogen
CR	IGF-1	id_378	0.006	-0.005	0.019	0.33	-0.047	-0.129	0.04	0.264	-0.042	-0.123	0.045	0.348	-0.138	-1.576	1.758	0.57	PE(O-18:0/20:4)	Phosphatidylethanolamine	Dihydroceramide
CR	IGF-1	id_128	0.004	-0.004	0.013	0.334	-0.045	-0.127	0.031	0.242	-0.042	-0.12	0.034	0.308	-0.089	-0.778	1.543	0.57	DCER(26:1)	Sphingolipids	PE Ether
CR	IGF-1	id_044	0.007	-0.01	0.022	0.338	-0.049	-0.123	0.031	0.254	-0.042	-0.119	0.039	0.33	-0.174	-2.794	1.512	0.62	CE(24:0)	Cholesterol Ester	CE Ester
CR	IGF-1	id_663	0.006	-0.014	0.019	0.342	-0.047	-0.129	0.038	0.288	-0.042	-0.122	0.04	0.318	-0.136	-1.722	2.018	0.544	TAG51:3-FA18:1	Triacylglycerol	Dihydroceramide

CR	IGF-1	id_769	0.003	-0.005	0.01	0.35	-0.044	-0.126	0.033	0.298	-0.042	-0.123	0.036	0.328	-0.064	-0.874	0.826	0.57	TAG53:6-FA18:1	Triacylglycerol	TAG Ester
CR	IGF-1	id_045	0.004	-0.008	0.013	0.386	-0.046	-0.127	0.041	0.308	-0.042	-0.122	0.043	0.354	-0.099	-1.954	1.206	0.624	CE(24:1)	Cholesterol Ester	CE Ester
CR	IGF-1	id_982	0.004	-0.005	0.014	0.388	-0.045	-0.132	0.04	0.312	-0.042	-0.128	0.044	0.344	-0.088	-0.953	0.793	0.584	Total HCER SUM	Sphingolipid	Hexosylceramides
CR	IGF-1	id_939	0.003	-0.005	0.009	0.39	-0.044	-0.125	0.035	0.288	-0.042	-0.123	0.04	0.294	-0.062	-0.589	0.504	0.584	TAG57:9-FA22:6	Triacylglycerol	TAG Ester
CR	IGF-1	id_033	0.003	-0.006	0.012	0.402	-0.044	-0.128	0.039	0.302	-0.042	-0.124	0.041	0.316	-0.063	-0.893	0.655	0.598	CE(20:1) TAG53:4-	Cholesterol Ester	CE Ester
CR	IGF-1	id_760	0.003	-0.01	0.011	0.402	-0.045	-0.122	0.039	0.26	-0.042	-0.118	0.042	0.302	-0.073	-1.087	1.179	0.588	FA18:0 TAG51:4-	Triacylglycerol	TAG Ester
CR	IGF-1	id_667	0.005	-0.02	0.017	0.41	-0.047	-0.134	0.034	0.29	-0.042	-0.129	0.035	0.31	-0.131	-1.168	1.763	0.612	FA16:0	Triacylglycerol	TAG Ester
CR	IGF-1	id_293	-0.004	-0.018	0.005	0.41	-0.037	-0.118	0.045	0.432	-0.042	-0.122	0.041	0.38	0.104	-0.991	1.138	0.602	PC(18:2/20:2)	Phosphatidylcholine	PC Ester
CR	IGF-1	id_421	0.007	-0.011	0.022	0.422	-0.048	-0.127	0.032	0.216	-0.042	-0.123	0.036	0.268	-0.163	-2.091	1.509	0.59	PE(P-18:1/22:4)	Phosphatidylethanolamine	PE Plasmalogen
CR	IGF-1	id_766	0.004	-0.012	0.012	0.428	-0.045	-0.132	0.042	0.366	-0.042	-0.126	0.043	0.382	-0.084	-1.148	1.012	0.658	TAG53:5-FA18:2	Triacylglycerol	TAG Ester
CR	IGF-1	id_773	0.003	-0.009	0.01	0.434	-0.044	-0.125	0.045	0.312	-0.042	-0.124	0.048	0.34	-0.07	-0.77	1.013	0.662	TAG53:7-FA18:3	Triacylglycerol	TAG Ester
CR	IGF-1	id_298	0.003	-0.006	0.014	0.44	-0.045	-0.129	0.039	0.282	-0.042	-0.122	0.04	0.306	-0.079	-1.363	0.606	0.59	PC(18:2/22:5)	Phosphatidylcholine	PC Ester
CR	IGF-1	id_771	0.003	-0.012	0.011	0.446	-0.045	-0.124	0.04	0.354	-0.042	-0.12	0.042	0.382	-0.076	-1.638	1.178	0.676	TAG53:6-FA18:3	Triacylglycerol	TAG Ester
CR	IGF-1	id_457	0.006	-0.013	0.017	0.45	-0.047	-0.127	0.03	0.268	-0.042	-0.122	0.035	0.34	-0.142	-2.245	2.445	0.706	SM(24:1)	Sphingolipids	Sphingomyelin
CR	IGF-1	id_205	0.001	-0.005	0.01	0.452	-0.043	-0.13	0.044	0.316	-0.042	-0.129	0.045	0.332	-0.024	-0.636	0.58	0.6	MAG(22:1)	MAG	Ester
CR	IGF-1	id_425	0.003	-0.005	0.016	0.452	-0.045	-0.129	0.045	0.326	-0.042	-0.126	0.049	0.382	-0.08	-1.198	1.457	0.714	PE(P-18:2/20:4)	Phosphatidylethanolamine	PE Plasmalogen
CR	IGF-1	id_118	0.003	-0.006	0.013	0.462	-0.045	-0.124	0.037	0.282	-0.042	-0.122	0.038	0.306	-0.083	-0.885	0.796	0.576	DCER(18:0)	Sphingolipids	Dihydroceramide
CR	IGF-1	id_288	0.004	-0.008	0.016	0.466	-0.046	-0.133	0.037	0.278	-0.042	-0.125	0.041	0.33	-0.107	-1.441	1.285	0.688	PC(18:1/22:6)	Phosphatidylcholine	PC Ester
CR	IGF-1	id_195	0.002	-0.004	0.01	0.47	-0.044	-0.124	0.052	0.342	-0.042	-0.12	0.051	0.368	-0.048	-0.83	0.67	0.65	MAG(18:2)	MAG	Ester
CR	IGF-1	id_208	0.003	-0.008	0.012	0.47	-0.045	-0.123	0.039	0.268	-0.042	-0.12	0.041	0.296	-0.082	-0.696	0.879	0.61	MAG(22:5)	MAG	Ester

CR	IGF-1	id_857	0.003	-0.007	0.009	0.47	-0.044	-0.129	0.04	0.282	-0.042	-0.124	0.041	0.308	-0.063	-1.08	0.715	0.65	TAG55:6-FA20:3	Triacylglycerol Phosphatidylchol	TAG Ester
CR	IGF-1	id_279	0.002	-0.004	0.01	0.484	-0.044	-0.123	0.042	0.31	-0.042	-0.12	0.046	0.338	-0.056	-0.693	0.93	0.69	PC(18:1/18:2)	ine	PC Ester
CR	IGF-1	id_415	0.003	-0.007	0.017	0.484	-0.045	-0.121	0.043	0.294	-0.042	-0.119	0.048	0.336	-0.072	-0.953	1.093	0.688	PE(P-18:1/18:2)	Phosphatidylethanolamine	PE Plasmalogen
CR	IGF-1	id_186	0.002	-0.003	0.01	0.486	-0.043	-0.121	0.038	0.286	-0.042	-0.119	0.041	0.3	-0.046	-0.921	0.706	0.622	MAG(12:0)	MAG	Ester Hexosylceramide
CR	IGF-1	id_137	0.003	-0.008	0.013	0.49	-0.045	-0.122	0.036	0.308	-0.042	-0.121	0.04	0.342	-0.078	-1.359	0.863	0.704	HCER(24:0)	Sphingolipids	ide
CR	IGF-1	id_368	0.003	-0.005	0.017	0.498	-0.045	-0.124	0.039	0.28	-0.042	-0.118	0.042	0.318	-0.082	-1.574	1.383	0.688	PE(O-16:0/20:4)	Phosphatidylethanolamine	PE Ether
CR	IGF-1	id_660	0.005	-0.029	0.016	0.502	-0.046	-0.131	0.05	0.322	-0.042	-0.125	0.05	0.328	-0.111	-2.277	1.565	0.614	TAG51:3-FA16:0	Triacylglycerol	TAG Ester
CR	IGF-1	id_199	0.003	-0.009	0.014	0.504	-0.044	-0.133	0.038	0.268	-0.042	-0.129	0.043	0.312	-0.068	-1.095	1.012	0.692	MAG(20:1)	MAG	Ester Dihydroceramide
CR	IGF-1	id_123	0.003	-0.019	0.013	0.508	-0.045	-0.127	0.043	0.302	-0.042	-0.122	0.043	0.308	-0.084	-0.978	1	0.668	DCER(22:1)	Sphingolipids	ide
CR	IGF-1	id_765	0.003	-0.011	0.009	0.514	-0.044	-0.13	0.042	0.278	-0.042	-0.126	0.043	0.282	-0.064	-0.892	0.891	0.68	TAG53:5-FA18:1	Triacylglycerol	TAG Ester Lactosylceramide
CR	IGF-1	id_146	0.003	-0.008	0.016	0.528	-0.045	-0.12	0.039	0.272	-0.042	-0.121	0.044	0.298	-0.083	-1.522	1.077	0.678	LCER(20:1)	Sphingolipids	
CR	IGF-1	id_406	0.003	-0.005	0.017	0.532	-0.045	-0.129	0.041	0.304	-0.042	-0.125	0.043	0.332	-0.071	-1.14	1.323	0.688	PE(P-18:0/20:4)	Phosphatidylethanolamine	PE Plasmalogen
CR	IGF-1	id_072	0.003	-0.004	0.014	0.536	-0.044	-0.126	0.035	0.27	-0.042	-0.123	0.037	0.29	-0.061	-0.665	0.77	0.674	DAG(14:1/18:1)	Diacylglycerol	DAG Ester Hexosylceramide
CR	IGF-1	id_131	0.003	-0.006	0.012	0.54	-0.044	-0.12	0.039	0.304	-0.042	-0.117	0.039	0.326	-0.067	-0.849	0.773	0.698	HCER(18:0)	Sphingolipids	ide
CR	IGF-1	id_332	0.004	-0.008	0.017	0.542	-0.045	-0.119	0.04	0.304	-0.042	-0.116	0.044	0.328	-0.094	-1.372	1.015	0.714	PE(18:0/18:0)	Phosphatidylethanolamine	PE Ester
CR	IGF-1	id_755	0.002	-0.011	0.009	0.546	-0.044	-0.125	0.039	0.292	-0.042	-0.122	0.039	0.308	-0.058	-0.952	0.816	0.662	TAG53:3-FA18:0	Triacylglycerol	TAG Ester
CR	IGF-1	id_405	0.004	-0.01	0.016	0.552	-0.045	-0.126	0.034	0.282	-0.042	-0.123	0.038	0.316	-0.091	-1.588	1.113	0.732	PE(P-18:0/20:3)	Phosphatidylethanolamine	PE Plasmalogen Lactosylceramide
CR	IGF-1	id_151	-0.004	-0.018	0.007	0.56	-0.038	-0.119	0.04	0.338	-0.042	-0.125	0.037	0.298	0.086	-1.367	1.012	0.67	LCER(26:0)	Sphingolipids	ide
CR	IGF-1	id_209	0.003	-0.013	0.013	0.562	-0.045	-0.13	0.038	0.31	-0.042	-0.125	0.043	0.33	-0.077	-1.057	1.007	0.748	MAG(22:6)	MAG	Ester Sphingomyelin
CR	IGF-1	id_459	0.004	-0.016	0.013	0.566	-0.045	-0.126	0.046	0.314	-0.042	-0.127	0.048	0.368	-0.088	-1.273	1.514	0.79	SM(26:1)	Sphingolipids	

CR	IGF-1	id_402	0.003	-0.005	0.014	0.574	-0.044	-0.117	0.034	0.26	-0.042	-0.114	0.038	0.292	-0.063	-1.075	0.77	0.706	PE(P-18:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen Lactosylceramide
CR	IGF-1	id_144	0.002	-0.008	0.011	0.578	-0.044	-0.125	0.039	0.35	-0.042	-0.124	0.043	0.374	-0.06	-0.826	0.998	0.752	LCER(18:1)	Sphingolipids	Hexosylceramide
CR	IGF-1	id_133	0.003	-0.01	0.012	0.58	-0.044	-0.126	0.038	0.336	-0.042	-0.126	0.039	0.338	-0.061	-0.88	0.744	0.75	HCER(20:0)	Sphingolipids	
CR	IGF-1	id_396	0.002	-0.005	0.011	0.584	-0.043	-0.127	0.038	0.284	-0.042	-0.124	0.037	0.316	-0.041	-0.603	0.877	0.748	PE(P-16:0/22:6)	Phosphatidylethanolamine	PE Plasmalogen Hexosylceramide
CR	IGF-1	id_139	0.003	-0.014	0.013	0.586	-0.045	-0.121	0.039	0.306	-0.042	-0.122	0.039	0.318	-0.073	-1.433	0.797	0.712	HCER(26:0)	Sphingolipids	
CR	IGF-1	id_048	0.005	-0.019	0.02	0.612	-0.046	-0.133	0.045	0.33	-0.042	-0.131	0.038	0.336	-0.117	-1.817	2.09	0.684	CER(18:0)	Sphingolipids	Ceramide Lactosylceramide
CR	IGF-1	id_149	-0.003	-0.017	0.006	0.626	-0.038	-0.118	0.043	0.364	-0.042	-0.125	0.039	0.33	0.078	-0.935	0.964	0.72	LCER(24:0)	Sphingolipids	
CR	IGF-1	id_411	0.003	-0.011	0.014	0.66	-0.044	-0.124	0.04	0.288	-0.042	-0.122	0.041	0.304	-0.065	-0.942	1.165	0.824	PE(P-18:1/16:0)	Phosphatidylethanolamine	PE Plasmalogen
CR	IGF-1	id_392	0.002	-0.009	0.017	0.68	-0.044	-0.128	0.038	0.276	-0.042	-0.125	0.041	0.316	-0.051	-0.993	1.616	0.812	PE(P-16:0/20:4)	Phosphatidylethanolamine	PE Plasmalogen
CR	IGF-1	id_188	0.001	-0.009	0.009	0.698	-0.043	-0.124	0.039	0.306	-0.042	-0.123	0.042	0.31	-0.028	-0.713	0.57	0.82	MAG(14:1)	MAG	Ester
CR	IGF-1	id_387	0.002	-0.01	0.013	0.704	-0.043	-0.128	0.037	0.266	-0.042	-0.124	0.04	0.294	-0.039	-1.003	0.859	0.806	PE(P-16:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen
CR	IGF-1	id_354	0.002	-0.014	0.013	0.734	-0.044	-0.125	0.038	0.31	-0.042	-0.123	0.04	0.314	-0.06	-1.261	0.917	0.86	PE(18:1/22:0)	Phosphatidylethanolamine	PE Ester Lactosylceramide
CR	IGF-1	id_147	0.002	-0.014	0.02	0.742	-0.044	-0.126	0.041	0.302	-0.042	-0.126	0.045	0.334	-0.059	-1.178	1.652	0.896	LCER(22:0)	Sphingolipids	
CR	IGF-1	id_424	0.001	-0.004	0.01	0.746	-0.043	-0.131	0.037	0.29	-0.042	-0.129	0.04	0.32	-0.028	-0.466	0.686	0.886	PE(P-18:2/18:2)	Phosphatidylethanolamine	PE Plasmalogen Lactosylceramide
CR	IGF-1	id_150	-0.003	-0.021	0.013	0.752	-0.039	-0.12	0.048	0.378	-0.042	-0.119	0.042	0.342	0.07	-1.282	1.443	0.846	LCER(24:1)	Sphingolipids	
CR	IGF-1	id_410	0	-0.005	0.008	0.774	-0.042	-0.118	0.037	0.294	-0.042	-0.116	0.038	0.308	-0.012	-0.519	0.428	0.854	PE(P-18:0/22:6)	Phosphatidylethanolamine	PE Plasmalogen
CR	IGF-1	id_419	0.002	-0.011	0.014	0.78	-0.043	-0.124	0.038	0.376	-0.042	-0.121	0.04	0.376	-0.043	-1.248	1.386	0.884	PE(P-18:1/20:4)	Phosphatidylethanolamine	PE Plasmalogen

CR	IGF-1	id_423	0	-0.005	0.008	0.784	-0.042	-0.122	0.041	0.326	-0.042	-0.121	0.04	0.34	-0.009	-0.682	0.549	0.928	PE(P-18:1/22:6)	Phosphatidylethanolamine	PE Plasmalogen
CR	IGF-1	id_359	0.001	-0.009	0.013	0.788	-0.043	-0.121	0.038	0.282	-0.042	-0.121	0.039	0.302	-0.029	-0.987	0.795	0.886	PE(18:2/16:1)	Phosphatidylethanolamine	PE Ester Lactosylceramide
CR	IGF-1	id_141	0	-0.005	0.008	0.816	-0.042	-0.131	0.04	0.322	-0.042	-0.131	0.042	0.342	-0.004	-0.718	0.653	0.866	LCER(14:0)	Sphingolipids	mid
CR	IGF-1	id_170	-0.001	-0.019	0.012	0.854	-0.04	-0.12	0.047	0.33	-0.042	-0.123	0.041	0.314	0.027	-1.023	1.014	0.896	LPC(22:6)	Lysophosphatidylcholine	LPC Ester
CR	IGF-1	id_254	0	-0.009	0.008	0.856	-0.042	-0.119	0.043	0.32	-0.042	-0.118	0.043	0.32	-0.005	-0.489	0.559	0.916	PC(17:0/18:2)	Phosphatidylcholine	PC Ester
CR	IGF-1	id_983	-0.001	-0.012	0.009	0.858	-0.04	-0.125	0.046	0.314	-0.042	-0.127	0.045	0.312	0.033	-0.926	0.683	0.914	Total LCER SUM	Sphingolipid	Lactosylceramides
CR	IGF-1	id_366	0.001	-0.011	0.014	0.864	-0.042	-0.123	0.045	0.346	-0.042	-0.122	0.046	0.356	-0.017	-0.936	0.876	0.924	PE(O-16:0/18:2)	Phosphatidylethanolamine	PE Ether Hexosylceramide
CR	IGF-1	id_138	0	-0.012	0.009	0.896	-0.042	-0.126	0.037	0.322	-0.042	-0.126	0.039	0.32	-0.003	-0.51	0.828	0.94	HCER(24:1)	Sphingolipids	ide
CR	IGF-1	id_382	0.001	-0.016	0.012	0.896	-0.043	-0.119	0.041	0.334	-0.042	-0.116	0.041	0.342	-0.027	-1.42	0.862	0.994	PE(O-18:0/22:6)	Phosphatidylethanolamine	PE Ether Lactosylceramide
CR	IGF-1	id_148	0	-0.01	0.011	0.908	-0.041	-0.123	0.039	0.29	-0.042	-0.123	0.04	0.298	0.002	-0.995	1.07	0.95	LCER(22:1)	Sphingolipids	mid
CR	IGF-1	id_043	0.001	-0.012	0.014	0.912	-0.042	-0.124	0.035	0.278	-0.042	-0.123	0.036	0.284	-0.02	-1.379	0.891	0.972	CE(22:6)	Cholesterol Ester	CE Ester
CR	IGF-1	id_189	0.001	-0.007	0.008	0.92	-0.042	-0.12	0.043	0.322	-0.042	-0.121	0.044	0.314	-0.015	-0.592	0.686	0.978	MAG(15:0)	MAG	Ester
CR	IGF-1	id_289	0.001	-0.022	0.013	0.92	-0.043	-0.121	0.047	0.344	-0.042	-0.124	0.048	0.33	-0.033	-1.082	1.613	0.986	PC(18:2/16:1)	Phosphatidylcholine	PC Ester
CR	IGF-1	id_160	0.001	-0.014	0.009	0.92	-0.042	-0.122	0.038	0.34	-0.042	-0.124	0.038	0.334	-0.013	-0.718	1.154	0.998	LPC(18:2)	Lysophosphatidylcholine	LPC Ester
CR	IGF-1	id_152	-0.001	-0.011	0.009	0.922	-0.04	-0.12	0.037	0.334	-0.042	-0.116	0.036	0.33	0.029	-0.787	0.876	0.964	LCER(26:1)	Sphingolipids	Lactosylceramide
CR	IGF-1	id_251	0	-0.015	0.011	0.934	-0.041	-0.121	0.037	0.286	-0.042	-0.124	0.038	0.298	0.006	-1.04	1.21	0.92	PC(16:0/22:6)	Phosphatidylcholine	PC Ester
CR	IGF-1	id_142	-0.001	-0.012	0.011	0.948	-0.04	-0.127	0.045	0.36	-0.042	-0.124	0.042	0.346	0.027	-0.816	0.504	0.986	LCER(16:0)	Sphingolipids	Lactosylceramide
CR	IGF-1	id_372	0	-0.012	0.01	0.956	-0.041	-0.132	0.039	0.336	-0.042	-0.13	0.04	0.338	0.009	-0.893	0.588	0.946	PE(O-16:0/22:6)	Phosphatidylethanolamine	PE Ether
CR	IGF-1	id_203	0.001	-0.019	0.009	0.982	-0.042	-0.123	0.038	0.338	-0.042	-0.125	0.039	0.306	-0.016	-0.992	1.035	0.984	MAG(20:5)	MAG	Ester
CR	IGF-1	id_228	0	-0.018	0.011	0.99	-0.041	-0.116	0.04	0.366	-0.042	-0.117	0.04	0.35	0.007	-1.042	1.038	0.984	PC(15:0/18:2)	Phosphatidylcholine	PC Ester

AL	IGF-1	id_023	0.005	-0.012	0.024	0.57	-0.12	-0.216	-0.024	0.014	-0.115	-0.214	-0.02	0.022	-0.044	-0.321	0.153	0.584	CE(15:0)	Cholesterol Ester	CE Ester
AL	IGF-1	id_024	-0.002	-0.019	0.013	0.794	-0.113	-0.199	-0.014	0.03	-0.115	-0.199	-0.014	0.032	0.013	-0.216	0.216	0.818	CE(16:0)	Cholesterol Ester	CE Ester
AL	IGF-1	id_026	0.002	-0.011	0.015	0.786	-0.117	-0.211	-0.02	0.018	-0.115	-0.203	-0.014	0.012	-0.02	-0.197	0.139	0.786	CE(17:0)	Cholesterol Ester	CE Ester
AL	IGF-1	id_027	0.002	-0.01	0.013	0.91	-0.116	-0.212	-0.024	0.022	-0.115	-0.214	-0.024	0.022	-0.013	-0.157	0.12	0.912	CE(18:0)	Cholesterol Ester	CE Ester
AL	IGF-1	id_028	0	-0.017	0.011	0.93	-0.115	-0.202	-0.009	0.038	-0.115	-0.206	-0.01	0.032	-0.001	-0.161	0.203	0.938	CE(18:1)	Cholesterol Ester	CE Ester
AL	IGF-1	id_029	-0.001	-0.018	0.006	0.726	-0.114	-0.215	-0.014	0.028	-0.115	-0.219	-0.017	0.03	0.009	-0.085	0.209	0.732	CE(18:2)	Cholesterol Ester	CE Ester
AL	IGF-1	id_033	-0.004	-0.019	0.006	0.516	-0.111	-0.217	-0.018	0.014	-0.115	-0.219	-0.022	0.016	0.031	-0.063	0.235	0.516	CE(20:1)	Cholesterol Ester	CE Ester
AL	IGF-1	id_034	0	-0.02	0.015	0.934	-0.115	-0.209	-0.019	0.022	-0.115	-0.21	-0.022	0.02	-0.001	-0.207	0.24	0.934	CE(20:2)	Cholesterol Ester	CE Ester
AL	IGF-1	id_035	-0.001	-0.019	0.013	0.81	-0.114	-0.201	-0.016	0.024	-0.115	-0.202	-0.019	0.02	0.012	-0.193	0.202	0.814	CE(20:3)	Cholesterol Ester	CE Ester
AL	IGF-1	id_036	-0.001	-0.012	0.008	0.814	-0.114	-0.205	-0.021	0.012	-0.115	-0.207	-0.023	0.012	0.008	-0.099	0.14	0.822	CE(20:4)	Cholesterol Ester	CE Ester
AL	IGF-1	id_041	0	-0.01	0.007	0.91	-0.115	-0.209	-0.024	0.012	-0.115	-0.208	-0.025	0.012	0.001	-0.101	0.151	0.91	CE(22:4)	Cholesterol Ester	CE Ester
AL	IGF-1	id_042	-0.004	-0.021	0.007	0.502	-0.111	-0.203	-0.015	0.03	-0.115	-0.21	-0.015	0.024	0.034	-0.096	0.304	0.522	CE(22:5)	Cholesterol Ester	CE Ester
AL	IGF-1	id_043	-0.005	-0.026	0.008	0.43	-0.11	-0.207	-0.017	0.032	-0.115	-0.211	-0.026	0.02	0.043	-0.096	0.327	0.442	CE(22:6)	Cholesterol Ester	CE Ester
AL	IGF-1	id_044	0.001	-0.007	0.009	0.816	-0.116	-0.21	-0.023	0.024	-0.115	-0.206	-0.024	0.02	-0.006	-0.099	0.09	0.812	CE(24:0)	Cholesterol Ester	CE Ester
AL	IGF-1	id_045	0.001	-0.009	0.008	0.948	-0.116	-0.215	-0.023	0.014	-0.115	-0.214	-0.026	0.014	-0.006	-0.081	0.135	0.946	CE(24:1)	Cholesterol Ester	CE Ester
AL	IGF-1	id_046	-0.001	-0.016	0.01	0.874	-0.114	-0.209	-0.022	0.02	-0.115	-0.208	-0.023	0.016	0.01	-0.133	0.195	0.878	CER(14:0)	Sphingolipids	Ceramide
AL	IGF-1	id_047	0	-0.011	0.009	0.936	-0.115	-0.207	-0.016	0.022	-0.115	-0.21	-0.015	0.022	0	-0.097	0.118	0.942	CER(16:0)	Sphingolipids	Ceramide
AL	IGF-1	id_048	0.003	-0.008	0.02	0.646	-0.117	-0.217	-0.025	0.012	-0.115	-0.211	-0.024	0.018	-0.022	-0.236	0.095	0.66	CER(18:0)	Sphingolipids	Ceramide
AL	IGF-1	id_049	0.007	-0.009	0.023	0.398	-0.122	-0.212	-0.023	0.02	-0.115	-0.204	-0.017	0.03	-0.062	-0.4	0.158	0.408	CER(18:1)	Sphingolipids	Ceramide
AL	IGF-1	id_050	0.002	-0.01	0.019	0.712	-0.117	-0.214	-0.025	0.02	-0.115	-0.212	-0.019	0.02	-0.019	-0.25	0.131	0.72	CER(20:0)	Sphingolipids	Ceramide
AL	IGF-1	id_051	0	-0.014	0.009	0.89	-0.115	-0.207	-0.013	0.032	-0.115	-0.208	-0.015	0.03	-0.002	-0.108	0.166	0.908	CER(20:1)	Sphingolipids	Ceramide
AL	IGF-1	id_052	0	-0.017	0.01	0.888	-0.115	-0.205	-0.017	0.022	-0.115	-0.205	-0.02	0.016	0.003	-0.128	0.253	0.876	CER(22:0)	Sphingolipids	Ceramide
AL	IGF-1	id_053	0.002	-0.02	0.021	0.864	-0.117	-0.217	-0.011	0.03	-0.115	-0.209	-0.013	0.026	-0.016	-0.273	0.304	0.866	CER(22:1)	Sphingolipids	Ceramide

AL	IGF-1	id_054	0	-0.013	0.008	0.866	-0.115	-0.21	-0.017	0.022	-0.115	-0.21	-0.018	0.016	-0.001	-0.106	0.176	0.87	CER(24:0)	Sphingolipids	Ceramide
AL	IGF-1	id_055	0	-0.014	0.013	0.95	-0.115	-0.216	-0.02	0.024	-0.115	-0.219	-0.022	0.024	0	-0.145	0.176	0.95	CER(24:1)	Sphingolipids	Ceramide
AL	IGF-1	id_057	0.001	-0.016	0.02	0.86	-0.116	-0.208	-0.014	0.026	-0.115	-0.208	-0.013	0.026	-0.011	-0.344	0.197	0.866	CER(26:1)	Sphingolipids	Ceramide Dihydroceram ide
AL	IGF-1	id_116	0	-0.009	0.015	0.782	-0.115	-0.206	-0.021	0.012	-0.115	-0.206	-0.021	0.014	-0.002	-0.194	0.111	0.78	DCER(14:0)	Sphingolipids	Dihydroceram ide
AL	IGF-1	id_117	-0.001	-0.012	0.011	0.926	-0.114	-0.208	-0.025	0.008	-0.115	-0.207	-0.024	0.01	0.005	-0.135	0.146	0.924	DCER(16:0)	Sphingolipids	Dihydroceram ide
AL	IGF-1	id_118	0.002	-0.011	0.013	0.872	-0.116	-0.211	-0.016	0.024	-0.115	-0.209	-0.017	0.024	-0.013	-0.181	0.151	0.876	DCER(18:0)	Sphingolipids	Dihydroceram ide
AL	IGF-1	id_119	-0.005	-0.035	0.011	0.54	-0.109	-0.204	-0.013	0.026	-0.115	-0.213	-0.021	0.01	0.048	-0.18	0.434	0.546	DCER(18:1)	Sphingolipids	Dihydroceram ide
AL	IGF-1	id_120	0.001	-0.012	0.02	0.836	-0.116	-0.205	-0.027	0.016	-0.115	-0.207	-0.029	0.018	-0.012	-0.277	0.15	0.846	DCER(20:0)	Sphingolipids	Dihydroceram ide
AL	IGF-1	id_121	-0.001	-0.015	0.011	0.828	-0.114	-0.208	-0.015	0.028	-0.115	-0.208	-0.017	0.028	0.007	-0.161	0.185	0.832	DCER(20:1)	Sphingolipids	Dihydroceram ide
AL	IGF-1	id_122	0	-0.013	0.007	0.854	-0.115	-0.206	-0.02	0.022	-0.115	-0.208	-0.018	0.022	0.003	-0.119	0.148	0.864	DCER(22:0)	Sphingolipids	Dihydroceram ide
AL	IGF-1	id_123	0	-0.009	0.011	0.988	-0.115	-0.212	-0.014	0.016	-0.115	-0.212	-0.016	0.022	-0.002	-0.13	0.139	0.982	DCER(22:1)	Sphingolipids	Dihydroceram ide
AL	IGF-1	id_124	0	-0.01	0.008	0.972	-0.115	-0.21	-0.023	0.01	-0.115	-0.208	-0.023	0.008	-0.004	-0.104	0.11	0.968	DCER(22:2)	Sphingolipids	Dihydroceram ide
AL	IGF-1	id_125	0	-0.009	0.007	0.912	-0.115	-0.204	-0.02	0.014	-0.115	-0.203	-0.024	0.012	0	-0.097	0.112	0.916	DCER(24:0)	Sphingolipids	Dihydroceram ide
AL	IGF-1	id_126	0.003	-0.008	0.017	0.658	-0.118	-0.211	-0.022	0.008	-0.115	-0.205	-0.024	0.01	-0.025	-0.223	0.092	0.664	DCER(24:1)	Sphingolipids	Dihydroceram ide
AL	IGF-1	id_128	0	-0.01	0.009	0.986	-0.115	-0.214	-0.014	0.028	-0.115	-0.211	-0.013	0.024	-0.001	-0.119	0.156	0.994	DCER(26:1)	Sphingolipids	Hexosylceram ide
AL	IGF-1	id_129	0	-0.013	0.009	0.89	-0.115	-0.203	-0.019	0.014	-0.115	-0.203	-0.021	0.014	0	-0.137	0.156	0.896	HCER(14:0)	Sphingolipids	Hexosylceram ide
AL	IGF-1	id_130	0	-0.033	0.033	0.958	-0.115	-0.207	-0.026	0.014	-0.115	-0.209	-0.02	0.016	-0.001	-0.592	0.355	0.954	HCER(16:0)	Sphingolipids	Hexosylceram ide
AL	IGF-1	id_131	0.005	-0.02	0.03	0.682	-0.12	-0.208	-0.024	0.016	-0.115	-0.205	-0.016	0.022	-0.041	-0.706	0.215	0.7	HCER(18:0)	Sphingolipids	Hexosylceram ide
AL	IGF-1	id_132	0.009	-0.008	0.028	0.284	-0.124	-0.222	-0.032	0.014	-0.115	-0.207	-0.024	0.018	-0.079	-0.381	0.105	0.294	HCER(18:1)	Sphingolipids	Hexosylceram ide
AL	IGF-1	id_133	0.013	-0.014	0.045	0.334	-0.128	-0.217	-0.038	0	-0.115	-0.207	-0.021	0.01	-0.114	-0.854	0.132	0.344	HCER(20:0)	Sphingolipids	Hexosylceram ide
AL	IGF-1	id_134	0.002	-0.012	0.017	0.79	-0.117	-0.213	-0.024	0.024	-0.115	-0.212	-0.019	0.024	-0.02	-0.205	0.133	0.786	HCER(20:1)	Sphingolipids	Hexosylceram ide

AL	IGF-1	id_135	0.002	-0.018	0.026	0.8	-0.117	-0.208	-0.032	0.014	-0.115	-0.21	-0.027	0.016	-0.018	-0.398	0.215	0.808	HCER(22:0)	Sphingolipids	Hexosylceramide
AL	IGF-1	id_136	0.013	-0.007	0.036	0.192	-0.127	-0.224	-0.028	0.006	-0.115	-0.209	-0.016	0.018	-0.109	-0.829	0.075	0.21	HCER(22:1)	Sphingolipids	Hexosylceramide
AL	IGF-1	id_137	0.003	-0.018	0.025	0.832	-0.118	-0.205	-0.018	0.016	-0.115	-0.208	-0.013	0.02	-0.023	-0.405	0.221	0.844	HCER(24:0)	Sphingolipids	Hexosylceramide
AL	IGF-1	id_138	0.002	-0.024	0.028	0.89	-0.117	-0.205	-0.022	0.006	-0.115	-0.206	-0.024	0.016	-0.014	-0.359	0.271	0.902	HCER(24:1)	Sphingolipids	Hexosylceramide
AL	IGF-1	id_139	-0.001	-0.015	0.01	0.868	-0.114	-0.208	-0.02	0.024	-0.115	-0.21	-0.022	0.028	0.005	-0.124	0.183	0.876	HCER(26:0)	Sphingolipids	Hexosylceramide
AL	IGF-1	id_141	0.002	-0.028	0.026	0.852	-0.117	-0.205	-0.033	0.006	-0.115	-0.213	-0.028	0.006	-0.018	-0.39	0.244	0.858	LCER(14:0)	Sphingolipids	Lactosylceramide
AL	IGF-1	id_142	-0.005	-0.035	0.029	0.778	-0.11	-0.202	-0.019	0.02	-0.115	-0.208	-0.02	0.024	0.039	-0.394	0.351	0.766	LCER(16:0)	Sphingolipids	Lactosylceramide
AL	IGF-1	id_144	0	-0.014	0.009	0.8	-0.115	-0.201	-0.019	0.012	-0.115	-0.2	-0.02	0.012	0	-0.087	0.191	0.796	LCER(18:1)	Sphingolipids	Lactosylceramide
AL	IGF-1	id_145	0.003	-0.014	0.024	0.72	-0.118	-0.212	-0.026	0.01	-0.115	-0.21	-0.025	0.014	-0.028	-0.372	0.138	0.726	LCER(20:0)	Sphingolipids	Lactosylceramide
AL	IGF-1	id_146	0	-0.011	0.011	0.974	-0.115	-0.207	-0.018	0.02	-0.115	-0.207	-0.017	0.02	-0.001	-0.184	0.15	0.97	LCER(20:1)	Sphingolipids	Lactosylceramide
AL	IGF-1	id_147	0.003	-0.017	0.026	0.716	-0.118	-0.207	-0.027	0.012	-0.115	-0.209	-0.018	0.018	-0.026	-0.397	0.162	0.726	LCER(22:0)	Sphingolipids	Lactosylceramide
AL	IGF-1	id_148	0.002	-0.013	0.02	0.784	-0.117	-0.209	-0.017	0.016	-0.115	-0.206	-0.019	0.026	-0.019	-0.261	0.228	0.798	LCER(22:1)	Sphingolipids	Lactosylceramide
AL	IGF-1	id_149	0.002	-0.017	0.028	0.814	-0.117	-0.213	-0.028	0.016	-0.115	-0.212	-0.021	0.02	-0.021	-0.482	0.196	0.83	LCER(24:0)	Sphingolipids	Lactosylceramide
AL	IGF-1	id_152	0.004	-0.005	0.027	0.488	-0.119	-0.216	-0.027	0.01	-0.115	-0.214	-0.022	0.018	-0.033	-0.488	0.063	0.506	LCER(26:1)	Sphingolipids	Lactosylceramide
AL	IGF-1	id_154	-0.016	-0.045	0.003	0.14	-0.099	-0.197	-0.007	0.026	-0.115	-0.211	-0.022	0.012	0.135	-0.035	0.678	0.148	LPC(15:0)	Lysophosphatidylcholine	LPC Ester
AL	IGF-1	id_157	0	-0.016	0.017	0.954	-0.115	-0.208	-0.022	0.018	-0.115	-0.21	-0.023	0.024	-0.001	-0.203	0.227	0.958	LPC(17:0)	Lysophosphatidylcholine	LPC Ester
AL	IGF-1	id_170	0	-0.01	0.01	0.904	-0.115	-0.207	-0.02	0.024	-0.115	-0.207	-0.02	0.022	0.002	-0.116	0.135	0.918	LPC(22:6)	Lysophosphatidylcholine	LPC Ester
AL	IGF-1	id_181	0	-0.01	0.014	0.93	-0.115	-0.207	-0.032	0.014	-0.115	-0.204	-0.03	0.014	0.001	-0.175	0.117	0.932	LPE(20:4)	Lysophosphatidylethanolamine	LPE Ester
AL	IGF-1	id_186	-0.002	-0.019	0.011	0.762	-0.113	-0.207	-0.022	0.01	-0.115	-0.206	-0.024	0.008	0.016	-0.112	0.224	0.758	MAG(12:0)	MAG	Ester
AL	IGF-1	id_188	0	-0.009	0.013	0.92	-0.115	-0.211	-0.016	0.018	-0.115	-0.212	-0.016	0.02	0	-0.191	0.092	0.924	MAG(14:1)	MAG	Ester
AL	IGF-1	id_189	0.003	-0.013	0.021	0.72	-0.118	-0.214	-0.018	0.024	-0.115	-0.212	-0.017	0.02	-0.024	-0.308	0.133	0.724	MAG(15:0)	MAG	Ester

AL	IGF-1	id_195	-0.001	-0.019	0.008	0.758	-0.114	-0.209	-0.012	0.032	-0.115	-0.21	-0.014	0.024	0.01	-0.109	0.265	0.774	MAG(18:2)	MAG	Ester
AL	IGF-1	id_203	0	-0.012	0.008	0.996	-0.115	-0.205	-0.015	0.01	-0.115	-0.207	-0.015	0.006	-0.001	-0.145	0.133	0.994	MAG(20:5)	MAG	Ester
AL	IGF-1	id_204	0.004	-0.009	0.025	0.56	-0.119	-0.21	-0.023	0.012	-0.115	-0.205	-0.014	0.018	-0.038	-0.427	0.133	0.574	MAG(22:0)	MAG	Ester
AL	IGF-1	id_205	-0.002	-0.018	0.006	0.678	-0.113	-0.209	-0.024	0.016	-0.115	-0.212	-0.026	0.01	0.013	-0.066	0.237	0.684	MAG(22:1)	MAG	Ester
AL	IGF-1	id_208	0.001	-0.015	0.023	0.928	-0.116	-0.213	-0.023	0.012	-0.115	-0.208	-0.021	0.014	-0.005	-0.357	0.207	0.938	MAG(22:5)	MAG	Ester
AL	IGF-1	id_209	0.003	-0.007	0.023	0.632	-0.118	-0.21	-0.021	0.016	-0.115	-0.205	-0.018	0.02	-0.025	-0.3	0.099	0.644	MAG(22:6)	MAG	Ester
																			Phosphatidylchol		
AL	IGF-1	id_228	0.001	-0.01	0.013	0.946	-0.115	-0.208	-0.025	0.012	-0.115	-0.208	-0.024	0.016	-0.004	-0.229	0.102	0.954	PC(15:0/18:2)	ine	PC Ester
																			Phosphatidylchol		
AL	IGF-1	id_230	-0.001	-0.013	0.009	0.87	-0.114	-0.209	-0.018	0.022	-0.115	-0.209	-0.019	0.022	0.006	-0.114	0.135	0.876	PC(15:0/20:4)	ine	PC Ester
																			Phosphatidylchol		
AL	IGF-1	id_241	-0.004	-0.024	0.009	0.58	-0.111	-0.201	-0.022	0.016	-0.115	-0.204	-0.023	0.012	0.037	-0.112	0.28	0.588	PC(16:0/18:2)	ine	PC Ester
																			Phosphatidylchol		
AL	IGF-1	id_254	0	-0.011	0.012	0.956	-0.115	-0.219	-0.021	0.016	-0.115	-0.214	-0.021	0.012	-0.001	-0.159	0.161	0.952	PC(17:0/18:2)	ine	PC Ester
																			Phosphatidylchol		
AL	IGF-1	id_257	0	-0.01	0.011	0.974	-0.115	-0.209	-0.025	0.02	-0.115	-0.209	-0.023	0.024	0.001	-0.162	0.104	0.974	PC(17:0/20:4)	ine	PC Ester
																			Phosphatidylchol		
AL	IGF-1	id_272	0.001	-0.009	0.016	0.846	-0.116	-0.214	-0.018	0.018	-0.115	-0.213	-0.015	0.014	-0.009	-0.259	0.117	0.848	PC(18:0/20:4)	ine	PC Ester
																			Phosphatidylchol		
AL	IGF-1	id_279	0.002	-0.013	0.016	0.858	-0.117	-0.211	-0.02	0.02	-0.115	-0.206	-0.019	0.02	-0.016	-0.231	0.189	0.854	PC(18:1/18:2)	ine	PC Ester
																			Phosphatidylchol		
AL	IGF-1	id_283	0.001	-0.014	0.015	0.96	-0.116	-0.211	-0.018	0.022	-0.115	-0.203	-0.022	0.016	-0.011	-0.164	0.202	0.956	PC(18:1/20:3)	ine	PC Ester
																			Phosphatidylchol		
AL	IGF-1	id_284	0	-0.011	0.012	0.978	-0.115	-0.204	-0.023	0.014	-0.115	-0.205	-0.022	0.018	-0.002	-0.214	0.155	0.98	PC(18:1/20:4)	ine	PC Ester
																			Phosphatidylchol		
AL	IGF-1	id_289	0	-0.011	0.011	0.994	-0.115	-0.213	-0.025	0.012	-0.115	-0.211	-0.023	0.018	-0.001	-0.122	0.131	0.996	PC(18:2/16:1)	ine	PC Ester
																			Phosphatidyleth		
AL	IGF-1	id_354	0	-0.009	0.012	0.908	-0.115	-0.205	-0.016	0.026	-0.115	-0.207	-0.015	0.026	-0.003	-0.166	0.132	0.91	PE(18:1/22:0)	anolamine	PE Ester
AL	IGF-1	id_386	-0.001	-0.013	0.009	0.902	-0.114	-0.206	-0.017	0.026	-0.115	-0.209	-0.02	0.026	0.007	-0.111	0.214	0.908	PE(P-16:0/18:1)	Phosphatidylethanolamine	PE Plasmalogen
AL	IGF-1	id_398	0	-0.015	0.008	0.82	-0.115	-0.214	-0.02	0.018	-0.115	-0.218	-0.019	0.022	0.002	-0.106	0.178	0.81	PE(P-18:0/16:0)	Phosphatidylethanolamine	PE Plasmalogen
AL	IGF-1	id_405	0.001	-0.009	0.014	0.858	-0.116	-0.204	-0.024	0.016	-0.115	-0.2	-0.023	0.018	-0.011	-0.186	0.13	0.852	PE(P-18:0/20:3)	Phosphatidylethanolamine	PE Plasmalogen

AL	IGF-1	id_414	0	-0.015	0.009	0.908	-0.114	-0.207	-0.023	0.014	-0.115	-0.209	-0.026	0.012	0.004	-0.112	0.178	0.908	PE(P-18:1/18:1)	Phosphatidylethanolamine	PE Plasmalogen Sphingomyelin
AL	IGF-1	id_448	0	-0.011	0.012	0.934	-0.115	-0.218	-0.024	0.02	-0.115	-0.22	-0.026	0.02	0.001	-0.144	0.147	0.942	SM(14:0)	Sphingolipids	n Sphingomyelin
AL	IGF-1	id_449	0	-0.016	0.012	0.93	-0.115	-0.209	-0.023	0.014	-0.115	-0.21	-0.024	0.014	0.003	-0.187	0.191	0.932	SM(16:0)	Sphingolipids	n Sphingomyelin
AL	IGF-1	id_450	0.001	-0.018	0.018	0.998	-0.116	-0.211	-0.016	0.026	-0.115	-0.214	-0.01	0.028	-0.006	-0.324	0.213	0.986	SM(18:0)	Sphingolipids	n Sphingomyelin
AL	IGF-1	id_451	-0.001	-0.02	0.01	0.87	-0.114	-0.212	-0.017	0.02	-0.115	-0.217	-0.017	0.018	0.008	-0.187	0.216	0.864	SM(18:1)	Sphingolipids	n Sphingomyelin
AL	IGF-1	id_452	-0.002	-0.015	0.009	0.79	-0.113	-0.202	-0.021	0.016	-0.115	-0.204	-0.023	0.01	0.018	-0.112	0.229	0.792	SM(20:0)	Sphingolipids	n Sphingomyelin
AL	IGF-1	id_453	-0.001	-0.024	0.012	0.81	-0.114	-0.209	-0.012	0.026	-0.115	-0.212	-0.018	0.02	0.011	-0.139	0.292	0.814	SM(20:1)	Sphingolipids	n Sphingomyelin
AL	IGF-1	id_454	0.001	-0.01	0.011	0.896	-0.116	-0.211	-0.016	0.026	-0.115	-0.212	-0.016	0.024	-0.006	-0.137	0.137	0.892	SM(22:0)	Sphingolipids	n Sphingomyelin
AL	IGF-1	id_455	-0.001	-0.016	0.011	0.8	-0.113	-0.212	-0.014	0.026	-0.115	-0.213	-0.017	0.022	0.013	-0.16	0.211	0.798	SM(22:1)	Sphingolipids	n Sphingomyelin
AL	IGF-1	id_456	-0.002	-0.019	0.011	0.728	-0.113	-0.203	-0.018	0.02	-0.115	-0.208	-0.021	0.018	0.02	-0.166	0.21	0.742	SM(24:0)	Sphingolipids	n Sphingomyelin
AL	IGF-1	id_457	-0.004	-0.024	0.014	0.614	-0.111	-0.207	-0.012	0.028	-0.115	-0.21	-0.016	0.024	0.037	-0.229	0.326	0.634	SM(24:1)	Sphingolipids	n Sphingomyelin
AL	IGF-1	id_458	0.001	-0.011	0.017	0.762	-0.116	-0.209	-0.017	0.018	-0.115	-0.208	-0.015	0.024	-0.013	-0.273	0.143	0.77	SM(26:0)	Sphingolipids	n Sphingomyelin
AL	IGF-1	id_459	0.001	-0.014	0.019	0.846	-0.116	-0.218	-0.021	0.018	-0.115	-0.216	-0.018	0.018	-0.01	-0.272	0.188	0.856	SM(26:1)	Sphingolipids	n
AL	IGF-1	id_660	0.003	-0.009	0.016	0.736	-0.117	-0.212	-0.023	0.016	-0.115	-0.209	-0.024	0.018	-0.022	-0.222	0.129	0.746	TAG51:3-FA16:0	Triacylglycerol	TAG Ester
AL	IGF-1	id_663	0	-0.009	0.012	0.992	-0.115	-0.21	-0.019	0.02	-0.115	-0.209	-0.017	0.02	0	-0.165	0.105	1	TAG51:3-FA18:1	Triacylglycerol	TAG Ester
AL	IGF-1	id_667	0	-0.011	0.01	0.946	-0.115	-0.212	-0.019	0.02	-0.115	-0.212	-0.02	0.01	-0.003	-0.12	0.143	0.956	TAG51:4-FA16:0	Triacylglycerol	TAG Ester
AL	IGF-1	id_755	0.004	-0.012	0.022	0.666	-0.119	-0.208	-0.029	0.012	-0.115	-0.208	-0.023	0.014	-0.034	-0.405	0.112	0.676	TAG53:3-FA18:0	Triacylglycerol	TAG Ester
AL	IGF-1	id_760	-0.004	-0.024	0.012	0.636	-0.111	-0.207	-0.015	0.02	-0.115	-0.208	-0.018	0.014	0.038	-0.222	0.33	0.638	TAG53:4-FA18:0	Triacylglycerol	TAG Ester
AL	IGF-1	id_761	-0.001	-0.011	0.014	0.968	-0.114	-0.211	-0.019	0.014	-0.115	-0.209	-0.02	0.01	0.005	-0.164	0.144	0.974	TAG53:4-FA18:1	Triacylglycerol	TAG Ester
AL	IGF-1	id_765	0.003	-0.01	0.022	0.68	-0.118	-0.216	-0.024	0.018	-0.115	-0.215	-0.023	0.02	-0.024	-0.31	0.107	0.684	TAG53:5-FA18:1	Triacylglycerol	TAG Ester

AL	IGF-1	id_766	-0.001	-0.019	0.016	0.87	-0.114	-0.207	-0.017	0.018	-0.115	-0.207	-0.018	0.024	0.008	-0.243	0.217	0.866	TAG53:5-FA18:2	Triacylglycerol	TAG Ester
AL	IGF-1	id_769	0.001	-0.011	0.015	0.908	-0.115	-0.211	-0.022	0.014	-0.115	-0.211	-0.021	0.016	-0.005	-0.216	0.142	0.916	TAG53:6-FA18:1	Triacylglycerol	TAG Ester
AL	IGF-1	id_770	0.002	-0.011	0.018	0.848	-0.117	-0.209	-0.026	0.014	-0.115	-0.208	-0.022	0.016	-0.016	-0.266	0.135	0.848	TAG53:6-FA18:2	Triacylglycerol	TAG Ester
AL	IGF-1	id_771	0	-0.015	0.014	0.94	-0.114	-0.208	-0.02	0.02	-0.115	-0.21	-0.022	0.018	0.004	-0.247	0.163	0.938	TAG53:6-FA18:3	Triacylglycerol	TAG Ester
AL	IGF-1	id_773	-0.004	-0.025	0.012	0.654	-0.111	-0.211	-0.014	0.018	-0.115	-0.216	-0.019	0.02	0.032	-0.203	0.367	0.654	TAG53:7-FA18:3	Triacylglycerol	TAG Ester
AL	IGF-1	id_856	0	-0.01	0.01	0.99	-0.115	-0.211	-0.018	0.012	-0.115	-0.21	-0.019	0.016	-0.001	-0.144	0.13	0.994	TAG55:6-FA18:1	Triacylglycerol	TAG Ester
AL	IGF-1	id_857	0	-0.019	0.013	0.936	-0.115	-0.206	-0.021	0.016	-0.115	-0.209	-0.023	0.016	0.002	-0.245	0.244	0.94	TAG55:6-FA20:3	Triacylglycerol	TAG Ester
AL	IGF-1	id_860	0	-0.01	0.009	0.922	-0.115	-0.209	-0.019	0.016	-0.115	-0.21	-0.021	0.014	0.003	-0.109	0.132	0.924	TAG55:7-FA18:1	Triacylglycerol	TAG Ester
AL	IGF-1	id_861	0.001	-0.011	0.017	0.868	-0.116	-0.214	-0.023	0.028	-0.115	-0.213	-0.017	0.032	-0.012	-0.292	0.149	0.88	TAG55:7-FA20:3	Triacylglycerol	TAG Ester
AL	IGF-1	id_862	-0.001	-0.016	0.008	0.886	-0.114	-0.214	-0.012	0.026	-0.115	-0.214	-0.014	0.02	0.005	-0.144	0.16	0.894	TAG55:7-FA20:4	Triacylglycerol	TAG Ester
AL	IGF-1	id_864	0.001	-0.008	0.016	0.894	-0.116	-0.214	-0.016	0.024	-0.115	-0.215	-0.016	0.024	-0.01	-0.286	0.126	0.914	TAG55:8-FA20:4	Triacylglycerol	TAG Ester
AL	IGF-1	id_939	0	-0.014	0.008	0.836	-0.115	-0.216	-0.015	0.022	-0.115	-0.219	-0.019	0.022	0	-0.098	0.154	0.838	TAG57:9-FA22:6	Triacylglycerol	TAG Ester
AL	IGF-1	id_978	-0.001	-0.016	0.013	0.92	-0.114	-0.207	-0.025	0.014	-0.115	-0.205	-0.027	0.01	0.004	-0.142	0.167	0.918	Total CE	Neutral Complex Lipids SUM	Cholesteryl Esters
AL	IGF-1	id_979	0	-0.011	0.008	0.956	-0.115	-0.21	-0.023	0.014	-0.115	-0.209	-0.025	0.016	0	-0.099	0.14	0.964	Total CER	Sphingolipid SUM	Ceramides
AL	IGF-1	id_981	0	-0.012	0.007	0.894	-0.115	-0.204	-0.019	0.024	-0.115	-0.207	-0.021	0.016	0.001	-0.081	0.164	0.898	Total DCER	Sphingolipid SUM	Dihydroceramides
AL	IGF-1	id_982	0.003	-0.025	0.031	0.83	-0.118	-0.21	-0.021	0.02	-0.115	-0.21	-0.013	0.022	-0.027	-0.613	0.313	0.852	Total HCER	Sphingolipid SUM	Hexosylceramides
AL	IGF-1	id_983	-0.002	-0.033	0.026	0.89	-0.112	-0.204	-0.015	0.024	-0.115	-0.211	-0.022	0.016	0.021	-0.447	0.403	0.886	Total LCER	Sphingolipid SUM	Lactosylceramides
AL	IGF-1	id_987	-0.001	-0.018	0.014	0.824	-0.114	-0.207	-0.015	0.018	-0.115	-0.206	-0.018	0.016	0.012	-0.178	0.215	0.82	Total PC	Phospholipid SUM	Phosphatidylcholines
AL	IGF-1	id_990	-0.002	-0.02	0.01	0.754	-0.113	-0.199	-0.021	0.012	-0.115	-0.205	-0.026	0.012	0.016	-0.128	0.236	0.758	Total SM	Sphingolipid SUM	Sphingomyelins
AL	IGF-1	id_039	-0.003	-0.014	0.005	0.418	-0.112	-0.206	-0.017	0.03	-0.115	-0.209	-0.021	0.024	0.023	-0.056	0.202	0.438	CE(22:1)	Cholesterol Ester	CE Ester

AL	IGF-1	id_060	-0.001	-0.012	0.005	0.722	-0.114	-0.219	-0.02	0.01	-0.115	-0.217	-0.021	0.008	0.008	-0.06	0.151	0.73	DAG(12:0/18:1)	Diacylglycerol	DAG Ester
AL	IGF-1	id_071	0.002	-0.012	0.016	0.802	-0.117	-0.218	-0.016	0.02	-0.115	-0.21	-0.016	0.02	-0.017	-0.192	0.128	0.794	DAG(14:1/16:0)	Diacylglycerol	DAG Ester
AL	IGF-1	id_072	0	-0.012	0.012	0.93	-0.115	-0.213	-0.026	0.014	-0.115	-0.215	-0.024	0.014	0	-0.176	0.129	0.924	DAG(14:1/18:1)	Diacylglycerol	DAG Ester
AL	IGF-1	id_150	-0.001	-0.023	0.024	0.984	-0.114	-0.21	-0.022	0.008	-0.115	-0.215	-0.021	0.012	0.007	-0.413	0.286	0.976	LCER(24:1)	Sphingolipids	Lactosylceramide
AL	IGF-1	id_151	-0.004	-0.022	0.008	0.646	-0.111	-0.212	-0.012	0.026	-0.115	-0.217	-0.016	0.018	0.031	-0.122	0.302	0.66	LCER(26:0)	Sphingolipids	Lactosylceramide
AL	IGF-1	id_160	0.002	-0.023	0.021	0.812	-0.117	-0.214	-0.021	0.02	-0.115	-0.214	-0.019	0.02	-0.016	-0.325	0.233	0.816	LPC(18:2)	Lysophosphatidylcholine	LPC Ester
AL	IGF-1	id_196	0.001	-0.01	0.014	0.838	-0.116	-0.213	-0.014	0.034	-0.115	-0.211	-0.014	0.03	-0.011	-0.158	0.142	0.836	MAG(18:3)	MAG	Ester
AL	IGF-1	id_199	0	-0.012	0.01	0.908	-0.115	-0.21	-0.022	0.012	-0.115	-0.208	-0.024	0.012	0	-0.111	0.163	0.912	MAG(20:1)	MAG	Ester
AL	IGF-1	id_200	-0.001	-0.015	0.008	0.792	-0.114	-0.213	-0.024	0.022	-0.115	-0.215	-0.023	0.018	0.005	-0.106	0.157	0.798	MAG(20:2)	MAG	Ester
AL	IGF-1	id_201	-0.001	-0.014	0.007	0.724	-0.114	-0.214	-0.021	0.012	-0.115	-0.217	-0.022	0.014	0.006	-0.084	0.175	0.718	MAG(20:3)	MAG	Ester
AL	IGF-1	id_251	-0.002	-0.025	0.016	0.836	-0.113	-0.203	-0.018	0.01	-0.115	-0.209	-0.017	0.01	0.018	-0.266	0.268	0.834	PC(16:0/22:6)	Phosphatidylcholine	PC Ester
AL	IGF-1	id_288	0	-0.011	0.009	0.966	-0.115	-0.213	-0.016	0.024	-0.115	-0.212	-0.018	0.02	0.001	-0.108	0.14	0.966	PC(18:1/22:6)	Phosphatidylcholine	PC Ester
AL	IGF-1	id_293	0.003	-0.009	0.02	0.656	-0.118	-0.207	-0.024	0.01	-0.115	-0.206	-0.02	0.016	-0.026	-0.336	0.113	0.664	PC(18:2/20:2)	Phosphatidylcholine	PC Ester
AL	IGF-1	id_298	-0.003	-0.024	0.014	0.704	-0.112	-0.206	-0.023	0.014	-0.115	-0.209	-0.025	0.014	0.029	-0.167	0.284	0.714	PC(18:2/22:5)	Phosphatidylcholine	PC Ester
AL	IGF-1	id_332	-0.003	-0.025	0.01	0.666	-0.111	-0.205	-0.017	0.022	-0.115	-0.208	-0.017	0.026	0.03	-0.136	0.284	0.664	PE(18:0/18:0)	Phosphatidylethanolamine	PE Ester
AL	IGF-1	id_359	0.002	-0.015	0.014	0.896	-0.116	-0.21	-0.025	0.01	-0.115	-0.21	-0.027	0.01	-0.014	-0.16	0.203	0.898	PE(18:2/16:1)	Phosphatidylethanolamine	PE Ester
AL	IGF-1	id_366	0.002	-0.011	0.021	0.732	-0.116	-0.213	-0.028	0.014	-0.115	-0.214	-0.027	0.018	-0.014	-0.303	0.1	0.738	PE(O-16:0/18:2)	Phosphatidylethanolamine	PE Ether
AL	IGF-1	id_368	0	-0.022	0.026	0.99	-0.114	-0.212	-0.025	0.014	-0.115	-0.212	-0.023	0.014	0.004	-0.388	0.211	0.992	PE(O-16:0/20:4)	Phosphatidylethanolamine	PE Ether
AL	IGF-1	id_372	-0.003	-0.021	0.007	0.628	-0.112	-0.208	-0.02	0.022	-0.115	-0.209	-0.021	0.02	0.023	-0.084	0.254	0.636	PE(O-16:0/22:6)	Phosphatidylethanolamine	PE Ether
AL	IGF-1	id_378	0	-0.014	0.011	0.96	-0.115	-0.205	-0.02	0.026	-0.115	-0.204	-0.019	0.024	0.001	-0.146	0.156	0.964	PE(O-18:0/20:4)	Phosphatidylethanolamine	PE Ether
AL	IGF-1	id_381	0	-0.015	0.014	0.986	-0.115	-0.212	-0.016	0.026	-0.115	-0.212	-0.02	0.026	-0.002	-0.153	0.175	0.98	PE(O-18:0/22:5)	Phosphatidylethanolamine	PE Ether
AL	IGF-1	id_382	0	-0.011	0.01	0.902	-0.114	-0.212	-0.016	0.018	-0.115	-0.213	-0.018	0.02	0.004	-0.108	0.145	0.906	PE(O-18:0/22:6)	Phosphatidylethanolamine	PE Ether

AL	IGF-1	id_387	0	-0.015	0.014	0.988	-0.115	-0.21	-0.018	0.014	-0.115	-0.21	-0.018	0.012	-0.002	-0.174	0.192	0.992	PE(P- 16:0/18:2)	Phosphatidyleth anolamine	PE Plasmalogen
AL	IGF-1	id_392	-0.003	-0.018	0.011	0.76	-0.112	-0.212	-0.013	0.024	-0.115	-0.212	-0.019	0.022	0.022	-0.159	0.276	0.774	PE(P- 16:0/20:4)	Phosphatidyleth anolamine	PE Plasmalogen
AL	IGF-1	id_395	0	-0.015	0.011	0.99	-0.115	-0.216	-0.016	0.022	-0.115	-0.217	-0.018	0.022	-0.003	-0.155	0.164	1	PE(P- 16:0/22:5)	Phosphatidyleth anolamine	PE Plasmalogen
AL	IGF-1	id_396	0	-0.009	0.011	0.922	-0.115	-0.208	-0.006	0.04	-0.115	-0.207	-0.005	0.042	0.001	-0.142	0.093	0.928	PE(P- 16:0/22:6)	Phosphatidyleth anolamine	PE Plasmalogen
AL	IGF-1	id_401	0	-0.01	0.01	0.99	-0.115	-0.212	-0.021	0.024	-0.115	-0.211	-0.017	0.022	0.001	-0.143	0.134	0.992	PE(P- 18:0/18:1)	Phosphatidyleth anolamine	PE Plasmalogen
AL	IGF-1	id_402	0.001	-0.012	0.011	0.966	-0.116	-0.214	-0.02	0.018	-0.115	-0.214	-0.021	0.018	-0.006	-0.154	0.127	0.972	PE(P- 18:0/18:2)	Phosphatidyleth anolamine	PE Plasmalogen
AL	IGF-1	id_406	-0.001	-0.017	0.01	0.812	-0.114	-0.219	-0.014	0.018	-0.115	-0.22	-0.018	0.02	0.008	-0.141	0.234	0.816	PE(P- 18:0/20:4)	Phosphatidyleth anolamine	PE Plasmalogen
AL	IGF-1	id_409	-0.001	-0.016	0.008	0.79	-0.114	-0.201	-0.017	0.026	-0.115	-0.202	-0.019	0.016	0.009	-0.129	0.184	0.798	PE(P- 18:0/22:5)	Phosphatidyleth anolamine	PE Plasmalogen
AL	IGF-1	id_410	0	-0.009	0.01	0.944	-0.115	-0.208	-0.016	0.012	-0.115	-0.208	-0.014	0.01	-0.002	-0.151	0.114	0.942	PE(P- 18:0/22:6)	Phosphatidyleth anolamine	PE Plasmalogen
AL	IGF-1	id_411	0.002	-0.012	0.02	0.75	-0.117	-0.216	-0.017	0.006	-0.115	-0.213	-0.019	0.012	-0.021	-0.27	0.132	0.754	PE(P- 18:1/16:0)	Phosphatidyleth anolamine	PE Plasmalogen
AL	IGF-1	id_415	-0.001	-0.015	0.011	0.826	-0.114	-0.208	-0.016	0.028	-0.115	-0.21	-0.019	0.028	0.007	-0.135	0.211	0.818	PE(P- 18:1/18:2)	Phosphatidyleth anolamine	PE Plasmalogen
AL	IGF-1	id_419	-0.005	-0.029	0.009	0.494	-0.11	-0.205	-0.012	0.032	-0.115	-0.213	-0.018	0.022	0.046	-0.137	0.38	0.5	PE(P- 18:1/20:4)	Phosphatidyleth anolamine	PE Plasmalogen
AL	IGF-1	id_421	0.005	-0.022	0.026	0.7	-0.12	-0.217	-0.013	0.022	-0.115	-0.21	-0.019	0.014	-0.043	-0.342	0.315	0.694	PE(P- 18:1/22:4)	Phosphatidyleth anolamine	PE Plasmalogen

AL	IGF-1	id_422	-0.002	-0.025	0.015	0.762	-0.113	-0.208	-0.016	0.024	-0.115	-0.212	-0.022	0.024	0.021	-0.184	0.29	0.766	PE(P-18:1/22:5)	Phosphatidylethanolamine	PE Plasmalogen
AL	IGF-1	id_423	0	-0.01	0.01	0.99	-0.115	-0.214	-0.023	0.02	-0.115	-0.212	-0.023	0.018	0.001	-0.126	0.121	0.992	PE(P-18:1/22:6)	Phosphatidylethanolamine	PE Plasmalogen
AL	IGF-1	id_424	-0.01	-0.041	0.006	0.322	-0.105	-0.198	-0.005	0.034	-0.115	-0.207	-0.013	0.03	0.085	-0.122	0.507	0.328	PE(P-18:2/18:2)	Phosphatidylethanolamine	PE Plasmalogen
AL	IGF-1	id_425	-0.001	-0.016	0.012	0.952	-0.114	-0.209	-0.024	0.008	-0.115	-0.212	-0.024	0.006	0.004	-0.159	0.154	0.954	PE(P-18:2/20:4)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_766	0.019	0.01	0.139	0.006	0.105	-0.211	0.4	0.592	0.125	-0.182	0.456	0.434	0.156	-3.039	2.441	0.44	FA18:2	Triacylglycerol	TAG Ester
CR	IL8	id_049	0.06	0.019	0.278	0.008	0.064	-0.259	0.407	0.874	0.125	-0.161	0.498	0.452	0.484	-6.607	5.134	0.456	CER(18:1)	Sphingolipids	Ceramide
CR	IL8	id_663	0.048	0.019	0.165	0.012	0.077	-0.246	0.372	0.766	0.125	-0.198	0.452	0.506	0.383	-6.186	4.685	0.51	FA18:1	Triacylglycerol	TAG Ester
CR	IL8	id_761	0.021	0.012	0.137	0.012	0.104	-0.233	0.416	0.598	0.125	-0.195	0.47	0.428	0.166	-2.227	2.946	0.432	FA18:1	Triacylglycerol	TAG Ester
CR	IL8	id_124	0.044	0.01	0.115	0.014	0.08	-0.198	0.415	0.65	0.125	-0.154	0.483	0.448	0.357	-3.408	3.977	0.458	DCER(22:2)	Sphingolipids	Dihydroceramide
CR	IL8	id_660	0.033	0.013	0.185	0.014	0.091	-0.223	0.388	0.686	0.125	-0.174	0.454	0.422	0.267	-5.21	3.161	0.428	FA16:0	Triacylglycerol	TAG Ester
CR	IL8	id_771	0.016	0.007	0.125	0.014	0.109	-0.214	0.43	0.594	0.125	-0.191	0.471	0.448	0.128	-2.01	2.322	0.454	FA18:3	Triacylglycerol	TAG Ester
CR	IL8	id_667	0.035	0.012	0.178	0.016	0.09	-0.234	0.4	0.686	0.125	-0.189	0.468	0.462	0.278	-3.893	5.035	0.462	FA16:0	Triacylglycerol	TAG Ester
CR	IL8	id_860	0.03	0.011	0.141	0.018	0.095	-0.222	0.407	0.664	0.125	-0.173	0.495	0.46	0.239	-3.688	4.74	0.458	FA18:1	Triacylglycerol	TAG Ester
CR	IL8	id_051	0.045	0.005	0.17	0.03	0.079	-0.227	0.373	0.768	0.125	-0.165	0.437	0.49	0.363	-4.198	6.293	0.512	CER(20:1)	Sphingolipids	Ceramide
CR	IL8	id_125	0.037	0.002	0.125	0.03	0.088	-0.206	0.388	0.63	0.125	-0.166	0.458	0.446	0.293	-2.658	2.944	0.46	DCER(24:0)	Sphingolipids	Dihydroceramide
CR	IL8	id_381	0.041	0.003	0.089	0.03	0.083	-0.221	0.418	0.636	0.125	-0.178	0.464	0.442	0.33	-3.515	2.745	0.452	PE(O-18:0/22:5)	Phosphatidylethanolamine	PE Ether
CR	IL8	id_422	0.048	0.003	0.111	0.032	0.077	-0.204	0.387	0.63	0.125	-0.163	0.435	0.438	0.382	-2.379	3.518	0.442	PE(P-18:1/22:5)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_053	0.061	0.004	0.267	0.036	0.064	-0.26	0.351	0.786	0.125	-0.171	0.454	0.432	0.487	-5.399	5.875	0.452	CER(22:1)	Sphingolipids	Ceramide
CR	IL8	id_136	0.059	0.001	0.191	0.036	0.066	-0.219	0.398	0.744	0.125	-0.171	0.501	0.474	0.471	-4.624	3.734	0.474	HCER(22:1)	Sphingolipids	Hexosylceramide

CR	IL8	id_054	0.039	0.001	0.113	0.044	0.085	-0.211	0.424	0.606	0.125	-0.169	0.488	0.432	0.317	-2.449	3.53	0.448	CER(24:0) TAG53:6-	Sphingolipids	Ceramide
CR	IL8	id_770	0.021	0	0.113	0.046	0.104	-0.197	0.41	0.54	0.125	-0.171	0.462	0.438	0.166	-1.677	1.6	0.456	FA18:2	Triacylglycerol Phospholipid	TAG Ester Phosphatidylc holines
CR	IL8	id_987	0.042	0.001	0.13	0.048	0.082	-0.218	0.403	0.622	0.125	-0.181	0.478	0.464	0.341	-3.001	2.923	0.476	Total PC	SUM	Hexosylceram ide
CR	IL8	id_132	0.039	0	0.129	0.05	0.086	-0.203	0.374	0.634	0.125	-0.164	0.428	0.43	0.31	-2.145	3.866	0.44	HCER(18:1) TAG55:6-	Sphingolipids	
CR	IL8	id_856	0.018	0	0.114	0.05	0.106	-0.203	0.401	0.598	0.125	-0.182	0.43	0.442	0.145	-1.703	2.491	0.46	FA18:1	Triacylglycerol	TAG Ester Sphingomyeli n
CR	IL8	id_450	0.049	-0.002	0.201	0.058	0.075	-0.239	0.369	0.676	0.125	-0.188	0.485	0.446	0.395	-3.106	3.271	0.48	SM(18:0)	Sphingolipids	Dihydroceram ide
CR	IL8	id_122	0.043	-0.002	0.163	0.06	0.082	-0.234	0.409	0.676	0.125	-0.189	0.484	0.49	0.345	-4.047	3.105	0.506	DCER(22:0) Sphingolipid	Sphingolipids	
CR	IL8	id_979	0.038	-0.003	0.129	0.062	0.086	-0.204	0.403	0.59	0.125	-0.163	0.466	0.418	0.306	-2.262	3.254	0.448	Total CER	SUM	Ceramides
CR	IL8	id_034	0.035	-0.004	0.124	0.068	0.09	-0.226	0.393	0.618	0.125	-0.186	0.468	0.448	0.279	-3.049	2.652	0.468	CE(20:2)	Cholesterol Ester	CE Ester
CR	IL8	id_052	0.037	-0.005	0.135	0.07	0.088	-0.212	0.39	0.616	0.125	-0.164	0.467	0.464	0.296	-2.446	2.269	0.506	CER(22:0) TAG53:7-	Sphingolipids	Ceramide
CR	IL8	id_773	0.017	-0.003	0.076	0.07	0.107	-0.181	0.44	0.51	0.125	-0.164	0.472	0.424	0.138	-1.741	1.708	0.462	FA18:3	Triacylglycerol	TAG Ester
CR	IL8	id_024	0.031	-0.003	0.102	0.072	0.093	-0.194	0.393	0.52	0.125	-0.174	0.455	0.392	0.25	-1.72	1.989	0.416	CE(16:0)	Cholesterol Ester	CE Ester Sphingomyeli n
CR	IL8	id_451	0.056	-0.007	0.215	0.074	0.069	-0.249	0.366	0.768	0.125	-0.194	0.455	0.498	0.449	-5.054	4.948	0.504	SM(18:1)	Sphingolipids	Sphingomyeli n
CR	IL8	id_454	0.027	-0.003	0.073	0.076	0.097	-0.233	0.421	0.62	0.125	-0.203	0.45	0.472	0.217	-2.034	2.811	0.488	SM(22:0)	Sphingolipids	
CR	IL8	id_978	0.036	-0.004	0.116	0.076	0.088	-0.217	0.387	0.646	0.125	-0.183	0.433	0.496	0.29	-3.376	2.462	0.52	Total CE	Neutral Complex Lipids SUM	Cholesteryl Esters
CR	IL8	id_035	0.032	-0.006	0.094	0.078	0.092	-0.197	0.406	0.614	0.125	-0.16	0.439	0.434	0.26	-2.425	2.172	0.464	CE(20:3)	Cholesterol Ester	CE Ester
CR	IL8	id_029	0.033	-0.004	0.103	0.08	0.091	-0.202	0.393	0.6	0.125	-0.174	0.462	0.46	0.266	-2.853	3.219	0.488	CE(18:2) TAG53:5-	Cholesterol Ester	CE Ester
CR	IL8	id_765	0.013	-0.003	0.076	0.08	0.112	-0.182	0.45	0.508	0.125	-0.164	0.487	0.44	0.102	-1.969	1.43	0.48	FA18:1	Triacylglycerol	TAG Ester Sphingomyeli n
CR	IL8	id_455	0.031	-0.007	0.122	0.092	0.093	-0.195	0.402	0.586	0.125	-0.169	0.451	0.452	0.251	-2.814	2.987	0.484	SM(22:1) Sphingolipid	Sphingolipids	Dihydroceram ides
CR	IL8	id_981	0.023	-0.01	0.086	0.092	0.102	-0.215	0.416	0.632	0.125	-0.18	0.452	0.506	0.182	-1.782	2.505	0.538	Total DCER	SUM	

CR	IL8	id_028	0.029	-0.004	0.083	0.102	0.096	-0.185	0.417	0.554	0.125	-0.166	0.464	0.438	0.233	-2.211	2.639	0.488	CE(18:1)	Cholesterol Ester	CE Ester
CR	IL8	id_453	0.039	-0.004	0.128	0.108	0.085	-0.188	0.399	0.588	0.125	-0.154	0.464	0.408	0.314	-2.969	3.491	0.464	SM(20:1)	Sphingolipids	Sphingomyelin
CR	IL8	id_118	0.028	-0.004	0.077	0.112	0.097	-0.199	0.414	0.568	0.125	-0.177	0.468	0.436	0.223	-2.553	2.59	0.456	DCER(18:0)	Sphingolipids	Dihydroceramide
CR	IL8	id_857	0.013	-0.012	0.072	0.114	0.112	-0.19	0.463	0.512	0.125	-0.172	0.483	0.444	0.103	-1.62	1.44	0.486	FA20:3	Triacylglycerol	TAG Ester
CR	IL8	id_990	0.028	-0.007	0.109	0.116	0.096	-0.212	0.406	0.606	0.125	-0.178	0.45	0.498	0.225	-1.864	1.853	0.51	Total SM	Sphingolipid SUM	Sphingomyelins
CR	IL8	id_456	0.031	-0.006	0.105	0.118	0.093	-0.192	0.43	0.528	0.125	-0.17	0.492	0.392	0.252	-1.581	2.129	0.426	SM(24:0)	Sphingolipids	Sphingomyelin
CR	IL8	id_126	0.025	-0.016	0.137	0.12	0.099	-0.187	0.388	0.582	0.125	-0.169	0.44	0.452	0.203	-2.524	2.173	0.48	DCER(24:1)	Sphingolipids	Dihydroceramide
CR	IL8	id_862	0.012	-0.006	0.067	0.122	0.113	-0.2	0.442	0.508	0.125	-0.19	0.464	0.444	0.094	-0.914	1.65	0.458	FA20:4	Triacylglycerol	TAG Ester
CR	IL8	id_448	0.036	-0.01	0.114	0.126	0.089	-0.201	0.424	0.66	0.125	-0.169	0.481	0.518	0.289	-2.826	3.132	0.528	SM(14:0)	Sphingolipids	Sphingomyelin
CR	IL8	id_036	0.031	-0.009	0.09	0.128	0.093	-0.205	0.411	0.574	0.125	-0.184	0.451	0.468	0.251	-1.494	1.901	0.492	CE(20:4)	Cholesterol Ester	CE Ester
CR	IL8	id_272	0.034	-0.011	0.087	0.134	0.091	-0.207	0.411	0.588	0.125	-0.185	0.462	0.448	0.273	-2.053	2.453	0.482	PC(18:0/20:4)	Phosphatidylcholine	PC Ester
CR	IL8	id_864	0.015	-0.016	0.114	0.134	0.109	-0.169	0.41	0.538	0.125	-0.157	0.47	0.452	0.123	-2.806	1.754	0.43	FA20:4	Triacylglycerol	TAG Ester
CR	IL8	id_150	0.032	-0.006	0.098	0.136	0.093	-0.213	0.429	0.574	0.125	-0.181	0.466	0.442	0.255	-2.551	2.608	0.498	LCER(24:1)	Sphingolipids	Lactosylceramide
CR	IL8	id_452	0.024	-0.009	0.071	0.138	0.1	-0.198	0.395	0.502	0.125	-0.163	0.438	0.446	0.195	-1.583	1.186	0.496	SM(20:0)	Sphingolipids	Sphingomyelin
CR	IL8	id_117	0.028	-0.008	0.095	0.14	0.096	-0.189	0.39	0.576	0.125	-0.174	0.442	0.466	0.227	-1.572	2.256	0.506	DCER(16:0)	Sphingolipids	Dihydroceramide
CR	IL8	id_023	0.031	-0.016	0.122	0.142	0.093	-0.204	0.421	0.59	0.125	-0.152	0.468	0.43	0.25	-2.479	3.288	0.496	CE(15:0)	Cholesterol Ester	CE Ester
CR	IL8	id_042	0.033	-0.016	0.097	0.144	0.092	-0.218	0.398	0.6	0.125	-0.186	0.436	0.492	0.265	-1.846	2.548	0.576	CE(22:5)	Cholesterol Ester	CE Ester
CR	IL8	id_760	0.011	-0.011	0.065	0.148	0.113	-0.188	0.454	0.526	0.125	-0.166	0.476	0.468	0.09	-1.56	1.364	0.544	FA18:0	Triacylglycerol	TAG Ester
CR	IL8	id_055	0.033	-0.011	0.117	0.15	0.091	-0.2	0.412	0.564	0.125	-0.17	0.479	0.448	0.267	-2.82	2.666	0.514	CER(24:1)	Sphingolipids	Ceramide
CR	IL8	id_027	0.031	-0.012	0.1	0.152	0.093	-0.183	0.401	0.542	0.125	-0.16	0.455	0.388	0.25	-1.414	2.43	0.452	CE(18:0)	Cholesterol Ester	CE Ester
CR	IL8	id_145	0.033	-0.012	0.086	0.158	0.091	-0.214	0.401	0.574	0.125	-0.189	0.435	0.434	0.268	-2.371	2.313	0.496	LCER(20:0)	Sphingolipids	Lactosylceramide

CR	IL8	id_289	0.039	-0.019	0.131	0.16	0.086	-0.225	0.414	0.61	0.125	-0.191	0.486	0.448	0.313	-3.04	2.83	0.52	PC(18:2/16:1)	Phosphatidylchol ine	PC Ester Dihydroceram ide
CR	IL8	id_120	0.018	-0.01	0.06	0.166	0.106	-0.228	0.418	0.55	0.125	-0.204	0.447	0.478	0.147	-1.439	1.831	0.552	DCER(20:0)	Sphingolipids	
CR	IL8	id_201	0.029	-0.015	0.087	0.188	0.095	-0.193	0.423	0.57	0.125	-0.167	0.468	0.464	0.237	-1.764	1.893	0.516	MAG(20:3)	MAG	Ester
CR	IL8	id_196	0.034	-0.023	0.093	0.192	0.09	-0.206	0.407	0.6	0.125	-0.184	0.454	0.468	0.274	-3.238	2.18	0.524	MAG(18:3)	MAG	Ester
CR	IL8	id_241	0.03	-0.012	0.096	0.196	0.095	-0.175	0.414	0.58	0.125	-0.164	0.452	0.466	0.24	-1.728	2.544	0.518	PC(16:0/18:2)	Phosphatidylchol ine	PC Ester
CR	IL8	id_046	0.03	-0.024	0.101	0.202	0.094	-0.204	0.439	0.586	0.125	-0.172	0.48	0.462	0.241	-2.805	2.869	0.536	CER(14:0)	Sphingolipids	Ceramide Dihydroceram ide
CR	IL8	id_119	0.016	-0.008	0.049	0.21	0.108	-0.185	0.433	0.552	0.125	-0.172	0.46	0.462	0.132	-0.94	1.664	0.58	DCER(18:1)	Sphingolipids	ide
CR	IL8	id_057	0.031	-0.013	0.109	0.216	0.094	-0.191	0.411	0.55	0.125	-0.17	0.454	0.464	0.247	-1.44	1.455	0.544	CER(26:1)	Sphingolipids	Ceramide Dihydroceram ide
CR	IL8	id_123	0.017	-0.033	0.067	0.218	0.108	-0.192	0.429	0.51	0.125	-0.18	0.455	0.464	0.135	-2.369	1.512	0.554	DCER(22:1)	Sphingolipids	ide
CR	IL8	id_769	0.012	-0.024	0.06	0.218	0.112	-0.177	0.424	0.554	0.125	-0.167	0.443	0.488	0.1	-1.05	1.245	0.542	TAG53:6- FA18:1	Triacylglycerol	TAG Ester
CR	IL8	id_398	0.017	-0.015	0.049	0.224	0.107	-0.192	0.452	0.496	0.125	-0.174	0.479	0.442	0.14	-1.657	1.081	0.558	PE(P- 18:0/16:0)	Phosphatidyleth anolamine	PE Plasmalogen
CR	IL8	id_284	0.031	-0.02	0.082	0.226	0.094	-0.188	0.414	0.554	0.125	-0.173	0.456	0.442	0.246	-2.139	1.865	0.508	PC(18:1/20:4)	Phosphatidylchol ine	PC Ester
CR	IL8	id_026	0.028	-0.039	0.126	0.23	0.097	-0.206	0.418	0.584	0.125	-0.174	0.47	0.458	0.225	-1.926	2.204	0.544	CE(17:0)	Cholesterol Ester Phosphatidylchol	CE Ester
CR	IL8	id_228	0.029	-0.021	0.092	0.232	0.096	-0.204	0.421	0.572	0.125	-0.179	0.48	0.468	0.232	-2.077	3.581	0.576	PC(15:0/18:2)	ine	PC Ester Sphingomyeli n
CR	IL8	id_449	0.02	-0.018	0.061	0.234	0.105	-0.189	0.453	0.516	0.125	-0.185	0.49	0.438	0.158	-0.948	1.604	0.536	SM(16:0) DAG(14:1/18:	Sphingolipids	
CR	IL8	id_072	0.032	-0.017	0.089	0.236	0.093	-0.197	0.41	0.544	0.125	-0.182	0.453	0.424	0.256	-1.556	2.762	0.528	1)	Diacylglycerol	DAG Ester
CR	IL8	id_425	0.024	-0.011	0.07	0.236	0.101	-0.211	0.403	0.578	0.125	-0.191	0.422	0.484	0.189	-1.234	2.017	0.564	PE(P- 18:2/20:4)	Phosphatidyleth anolamine	PE Plasmalogen
CR	IL8	id_033	0.019	-0.011	0.071	0.24	0.105	-0.182	0.42	0.53	0.125	-0.171	0.456	0.446	0.153	-0.838	1.89	0.55	CE(20:1) TAG53:3-	Cholesterol Ester	CE Ester
CR	IL8	id_755	0.01	-0.01	0.037	0.24	0.115	-0.193	0.448	0.532	0.125	-0.176	0.458	0.47	0.077	-0.87	1.342	0.602	FA18:0	Triacylglycerol	TAG Ester
CR	IL8	id_419	0.026	-0.015	0.075	0.25	0.098	-0.199	0.428	0.572	0.125	-0.186	0.471	0.474	0.211	-1.524	2.131	0.552	PE(P- 18:1/20:4)	Phosphatidyleth anolamine	PE Plasmalogen

CR	IL8	id_939	0.012	-0.019	0.044	0.26	0.113	-0.197	0.46	0.512	0.125	-0.179	0.477	0.458	0.094	-1.053	1.047	0.566	TAG57:9-FA22:6	Triacylglycerol	TAG Ester
CR	IL8	id_283	0.03	-0.034	0.1	0.268	0.095	-0.231	0.442	0.608	0.125	-0.183	0.461	0.422	0.239	-2.727	4.388	0.622	PC(18:1/20:3)	Phosphatidylcholine	PC Ester
CR	IL8	id_134	0.023	-0.024	0.087	0.286	0.102	-0.182	0.431	0.486	0.125	-0.163	0.461	0.422	0.182	-1.285	1.752	0.512	HCER(20:1)	Sphingolipids	Hexosylceramide
CR	IL8	id_204	0.015	-0.017	0.045	0.286	0.109	-0.198	0.424	0.53	0.125	-0.179	0.443	0.458	0.124	-1.124	2.016	0.592	MAG(22:0)	MAG	Ester
CR	IL8	id_050	0.03	-0.054	0.152	0.29	0.095	-0.216	0.409	0.59	0.125	-0.183	0.483	0.434	0.239	-2.933	3.124	0.536	CER(20:0)	Sphingolipids	Ceramide
CR	IL8	id_458	0.019	-0.026	0.061	0.296	0.105	-0.183	0.419	0.48	0.125	-0.168	0.448	0.42	0.156	-0.819	1.381	0.556	SM(26:0)	Sphingolipids	Sphingomyelin
CR	IL8	id_861	0.01	-0.032	0.043	0.312	0.115	-0.176	0.468	0.462	0.125	-0.166	0.489	0.45	0.077	-0.775	1.151	0.526	TAG55:7-FA20:3	Triacylglycerol	TAG Ester
CR	IL8	id_047	0.019	-0.036	0.075	0.322	0.106	-0.202	0.42	0.506	0.125	-0.181	0.442	0.436	0.15	-1.171	1.742	0.578	CER(16:0)	Sphingolipids	Ceramide
CR	IL8	id_039	0.019	-0.018	0.073	0.326	0.106	-0.189	0.425	0.49	0.125	-0.168	0.451	0.436	0.151	-1.651	1.281	0.566	CE(22:1)	Cholesterol Ester	CE Ester
CR	IL8	id_044	0.025	-0.034	0.087	0.352	0.1	-0.172	0.405	0.496	0.125	-0.169	0.454	0.44	0.198	-3.11	1.53	0.584	CE(24:0)	Cholesterol Ester	CE Ester
CR	IL8	id_157	0.017	-0.025	0.051	0.362	0.108	-0.18	0.459	0.484	0.125	-0.166	0.484	0.444	0.134	-1.202	0.952	0.626	LPC(17:0)	Lysophosphatidylcholine	LPC Ester
CR	IL8	id_041	0.02	-0.02	0.077	0.366	0.104	-0.21	0.408	0.5	0.125	-0.196	0.434	0.432	0.164	-1.792	1.246	0.558	CE(22:4)	Cholesterol Ester	CE Ester
CR	IL8	id_128	0.013	-0.02	0.051	0.384	0.112	-0.166	0.449	0.522	0.125	-0.163	0.472	0.48	0.104	-0.997	0.901	0.668	DCER(26:1)	Sphingolipids	Dihydroceramide
CR	IL8	id_135	0.01	-0.014	0.04	0.384	0.115	-0.182	0.425	0.488	0.125	-0.165	0.443	0.452	0.079	-0.792	1.072	0.708	HCER(22:0)	Sphingolipids	Hexosylceramide
CR	IL8	id_414	0.013	-0.016	0.051	0.392	0.111	-0.205	0.454	0.53	0.125	-0.192	0.472	0.47	0.108	-1.174	1.73	0.69	PE(P-18:1/18:1)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_048	0.038	-0.068	0.178	0.396	0.087	-0.229	0.42	0.616	0.125	-0.182	0.463	0.488	0.305	-3.681	4.079	0.644	CER(18:0)	Sphingolipids	Ceramide
CR	IL8	id_254	0.013	-0.022	0.057	0.398	0.112	-0.196	0.42	0.516	0.125	-0.191	0.442	0.474	0.104	-1.047	1.139	0.624	PC(17:0/18:2)	Phosphatidylcholine	PC Ester
CR	IL8	id_415	0.017	-0.023	0.059	0.402	0.107	-0.195	0.439	0.524	0.125	-0.178	0.459	0.464	0.139	-1.579	1.164	0.718	PE(P-18:1/18:2)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_288	0.025	-0.051	0.075	0.412	0.099	-0.174	0.443	0.524	0.125	-0.162	0.487	0.426	0.202	-1.627	2.274	0.63	PC(18:1/22:6)	Phosphatidylcholine	PC Ester
CR	IL8	id_368	0.017	-0.016	0.058	0.414	0.108	-0.17	0.419	0.496	0.125	-0.162	0.444	0.46	0.136	-0.97	0.931	0.582	PE(O-16:0/20:4)	Phosphatidylethanolamine	PE Ether

CR	IL8	id_395	0.017	-0.04	0.06	0.414	0.107	-0.198	0.445	0.52	0.125	-0.184	0.44	0.466	0.14	-2.133	1.557	0.732	PE(P-16:0/22:5)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_279	0.016	-0.027	0.052	0.42	0.108	-0.188	0.439	0.454	0.125	-0.18	0.471	0.41	0.129	-0.931	1.186	0.646	PC(18:1/18:2)	Phosphatidylcholine	PC Ester
CR	IL8	id_045	0.021	-0.044	0.079	0.424	0.104	-0.182	0.457	0.5	0.125	-0.178	0.476	0.428	0.166	-1.549	1.754	0.616	CE(24:1)	Cholesterol Ester	CE Ester
CR	IL8	id_208	0.007	-0.017	0.031	0.436	0.117	-0.198	0.438	0.514	0.125	-0.188	0.44	0.48	0.057	-0.632	0.933	0.68	MAG(22:5)	MAG	Ester
CR	IL8	id_200	0.013	-0.02	0.087	0.468	0.111	-0.183	0.449	0.516	0.125	-0.165	0.467	0.432	0.108	-2.552	1.82	0.712	MAG(20:2)	MAG	Ester Hexosylceramide
CR	IL8	id_131	0.012	-0.022	0.057	0.47	0.113	-0.177	0.439	0.508	0.125	-0.173	0.454	0.454	0.095	-0.881	1.503	0.712	HCER(18:0)	Sphingolipids	ide
CR	IL8	id_257	0.015	-0.034	0.06	0.482	0.11	-0.188	0.428	0.526	0.125	-0.178	0.452	0.478	0.118	-1.467	1.571	0.624	PC(17:0/20:4)	Phosphatidylcholine	PC Ester
CR	IL8	id_982	0.007	-0.013	0.039	0.484	0.117	-0.187	0.447	0.464	0.125	-0.175	0.444	0.434	0.058	-0.814	0.96	0.698	Total HCER	Sphingolipid SUM	Hexosylceramides
CR	IL8	id_298	0.026	-0.059	0.081	0.49	0.099	-0.174	0.426	0.5	0.125	-0.171	0.458	0.46	0.206	-1.408	1.619	0.622	PC(18:2/22:5)	Phosphatidylcholine	PC Ester Sphingomyelin
CR	IL8	id_457	0.014	-0.032	0.06	0.492	0.11	-0.185	0.427	0.496	0.125	-0.176	0.446	0.44	0.115	-1.09	1.781	0.676	SM(24:1)	Sphingolipids	n
CR	IL8	id_186	0.006	-0.015	0.031	0.496	0.119	-0.195	0.472	0.454	0.125	-0.191	0.473	0.432	0.048	-0.524	0.585	0.744	MAG(12:0)	MAG	Ester
CR	IL8	id_199	0.019	-0.052	0.076	0.496	0.105	-0.194	0.426	0.52	0.125	-0.172	0.448	0.466	0.156	-1.337	1.998	0.626	MAG(20:1)	MAG	Ester
CR	IL8	id_195	0.016	-0.058	0.056	0.502	0.109	-0.177	0.443	0.44	0.125	-0.166	0.48	0.406	0.127	-1.055	1.848	0.64	MAG(18:2)	MAG	Ester
CR	IL8	id_230	0.013	-0.017	0.053	0.502	0.112	-0.184	0.431	0.482	0.125	-0.181	0.458	0.448	0.102	-0.722	0.752	0.65	PC(15:0/20:4)	Phosphatidylcholine	PC Ester Hexosylceramide
CR	IL8	id_133	0.007	-0.03	0.036	0.506	0.118	-0.171	0.45	0.44	0.125	-0.166	0.468	0.406	0.055	-0.896	0.803	0.724	HCER(20:0)	Sphingolipids	ide
CR	IL8	id_424	0.013	-0.029	0.057	0.524	0.111	-0.179	0.436	0.478	0.125	-0.176	0.458	0.448	0.107	-0.796	1.143	0.664	PE(P-18:2/18:2)	Phosphatidylethanolamine	PE Plasmalogen Lactosylceramide
CR	IL8	id_146	0.01	-0.027	0.043	0.53	0.115	-0.186	0.46	0.492	0.125	-0.178	0.46	0.466	0.079	-0.807	0.918	0.744	LCER(20:1)	Sphingolipids	ide
CR	IL8	id_144	0.01	-0.034	0.039	0.536	0.114	-0.191	0.483	0.43	0.125	-0.184	0.482	0.408	0.081	-0.947	0.735	0.692	LCER(18:1)	Sphingolipids	ide
CR	IL8	id_378	0.014	-0.028	0.062	0.536	0.111	-0.171	0.449	0.48	0.125	-0.174	0.485	0.472	0.109	-1.198	1.179	0.616	PE(O-18:0/20:4)	Phosphatidylethanolamine	PE Ether
CR	IL8	id_332	0.01	-0.027	0.045	0.538	0.114	-0.184	0.485	0.492	0.125	-0.178	0.48	0.448	0.082	-0.867	1.311	0.722	PE(18:0/18:0)	Phosphatidylethanolamine	PE Ester Sphingomyelin
CR	IL8	id_459	0.012	-0.071	0.05	0.548	0.112	-0.212	0.459	0.41	0.125	-0.199	0.454	0.378	0.1	-1.25	1.333	0.718	SM(26:1)	Sphingolipids	n

CR	IL8	id_406	0.009	-0.022	0.041	0.556	0.115	-0.182	0.45	0.514	0.125	-0.171	0.453	0.494	0.076	-0.89	1.199	0.75	PE(P-18:0/20:4)	Phosphatidylethanolamine	PE Plasmalogen Lactosylceramide
CR	IL8	id_142	0.007	-0.012	0.07	0.558	0.118	-0.185	0.424	0.476	0.125	-0.18	0.432	0.446	0.054	-1.239	0.83	0.748	LCER(16:0)	Sphingolipids	Hexosylceramide
CR	IL8	id_137	0.005	-0.017	0.035	0.57	0.119	-0.187	0.445	0.434	0.125	-0.183	0.45	0.424	0.042	-0.375	0.631	0.71	HCER(24:0)	Sphingolipids	
CR	IL8	id_209	0.019	-0.084	0.07	0.57	0.106	-0.188	0.45	0.492	0.125	-0.195	0.465	0.452	0.149	-2.128	2.484	0.706	MAG(22:6)	MAG	Ester
CR	IL8	id_402	0.01	-0.025	0.043	0.576	0.115	-0.202	0.477	0.508	0.125	-0.18	0.473	0.472	0.078	-1.281	0.873	0.88	PE(P-18:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_386	-0.01	-0.088	0.025	0.586	0.135	-0.169	0.483	0.414	0.125	-0.173	0.464	0.442	-0.082	-1.786	0.808	0.612	PE(P-16:0/18:1)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_396	0.008	-0.018	0.051	0.588	0.117	-0.179	0.454	0.532	0.125	-0.169	0.459	0.502	0.064	-0.852	0.814	0.77	PE(P-16:0/22:6)	Phosphatidylethanolamine	PE Plasmalogen Lactosylceramide
CR	IL8	id_149	0.006	-0.017	0.05	0.598	0.118	-0.201	0.45	0.468	0.125	-0.193	0.457	0.44	0.05	-0.654	0.945	0.754	LCER(24:0)	Sphingolipids	
CR	IL8	id_983	0.003	-0.014	0.059	0.604	0.122	-0.184	0.461	0.49	0.125	-0.178	0.464	0.46	0.023	-0.793	0.742	0.792	Total LCER	Sphingolipid SUM	Lactosylceramides
CR	IL8	id_130	0.005	-0.021	0.036	0.62	0.119	-0.172	0.456	0.468	0.125	-0.164	0.463	0.452	0.044	-0.774	0.863	0.772	HCER(16:0)	Sphingolipids	Hexosylceramide
CR	IL8	id_139	0.012	-0.054	0.041	0.634	0.113	-0.167	0.436	0.498	0.125	-0.156	0.457	0.494	0.093	-1.599	1.33	0.784	HCER(26:0)	Sphingolipids	Hexosylceramide
CR	IL8	id_116	0.001	-0.024	0.085	0.662	0.123	-0.18	0.486	0.466	0.125	-0.156	0.496	0.408	0.011	-1.865	1.301	0.842	DCER(14:0)	Sphingolipids	Dihydroceramide
CR	IL8	id_121	0.007	-0.04	0.037	0.672	0.118	-0.169	0.468	0.454	0.125	-0.164	0.453	0.412	0.055	-0.981	0.988	0.88	DCER(20:1)	Sphingolipids	Dihydroceramide
CR	IL8	id_205	0.008	-0.051	0.038	0.696	0.117	-0.203	0.445	0.512	0.125	-0.194	0.475	0.466	0.064	-1.27	0.872	0.798	MAG(22:1)	MAG	Ester
CR	IL8	id_152	-0.006	-0.05	0.018	0.7	0.13	-0.191	0.487	0.426	0.125	-0.2	0.469	0.434	-0.045	-0.681	0.825	0.818	LCER(26:1)	Sphingolipids	Lactosylceramide
CR	IL8	id_359	0.006	-0.034	0.04	0.71	0.118	-0.186	0.487	0.492	0.125	-0.182	0.479	0.456	0.05	-1.092	1.101	0.866	PE(18:2/16:1)	Phosphatidylethanolamine	PE Ester
CR	IL8	id_354	0.004	-0.029	0.032	0.72	0.121	-0.184	0.446	0.484	0.125	-0.175	0.444	0.468	0.03	-0.851	0.744	0.884	PE(18:1/22:0)	Phosphatidylethanolamine	PE Ester
CR	IL8	id_411	0.003	-0.022	0.037	0.72	0.121	-0.181	0.45	0.44	0.125	-0.173	0.46	0.42	0.027	-0.676	0.686	0.848	PE(P-18:1/16:0)	Phosphatidylethanolamine	PE Plasmalogen

CR	IL8	id_409	0.008	-0.068	0.06	0.734	0.116	-0.212	0.49	0.514	0.125	-0.179	0.468	0.474	0.068	-2.589	1.765	0.988	PE(P-18:0/22:5)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_293	0.009	-0.036	0.057	0.736	0.116	-0.191	0.463	0.44	0.125	-0.186	0.474	0.43	0.071	-1.15	1.142	0.782	PC(18:2/20:2)	Phosphatidylcholine	PC Ester
CR	IL8	id_188	0.009	-0.09	0.048	0.744	0.115	-0.18	0.449	0.474	0.125	-0.186	0.455	0.438	0.075	-1.526	1.529	0.79	MAG(14:1)	MAG	Ester
CR	IL8	id_060	-0.001	-0.02	0.058	0.744	0.126	-0.178	0.446	0.44	0.125	-0.161	0.451	0.42	-0.01	-1.04	0.916	0.928	DAG(12:0/18:1)	Diacylglycerol	DAG Ester
CR	IL8	id_160	0.001	-0.029	0.027	0.768	0.124	-0.181	0.459	0.484	0.125	-0.172	0.459	0.476	0.006	-0.682	0.627	0.888	LPC(18:2)	Lysophosphatidylcholine	LPC Ester
CR	IL8	id_410	0.004	-0.028	0.041	0.772	0.121	-0.173	0.424	0.446	0.125	-0.17	0.454	0.44	0.032	-0.838	0.927	0.832	PE(P-18:0/22:6)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_382	0.002	-0.036	0.037	0.794	0.122	-0.188	0.46	0.496	0.125	-0.187	0.454	0.502	0.019	-0.665	0.609	0.952	PE(O-18:0/22:6)	Phosphatidylethanolamine	PE Ether Hexosylceramide
CR	IL8	id_138	0	-0.03	0.035	0.82	0.124	-0.201	0.454	0.46	0.125	-0.199	0.459	0.46	0.002	-0.496	0.712	0.916	HCER(24:1)	Sphingolipids	
CR	IL8	id_423	0.004	-0.034	0.04	0.836	0.121	-0.184	0.456	0.482	0.125	-0.181	0.454	0.474	0.029	-0.674	0.917	0.894	PE(P-18:1/22:6)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_147	0.002	-0.021	0.024	0.838	0.123	-0.177	0.446	0.486	0.125	-0.176	0.441	0.472	0.014	-0.659	0.647	0.966	LCER(22:0)	Sphingolipids	Lactosylceramide
CR	IL8	id_148	0	-0.024	0.031	0.854	0.125	-0.163	0.462	0.432	0.125	-0.152	0.458	0.414	-0.002	-0.456	0.576	0.948	LCER(22:1)	Sphingolipids	Lactosylceramide
CR	IL8	id_405	-0.005	-0.081	0.036	0.854	0.13	-0.19	0.502	0.496	0.125	-0.18	0.475	0.49	-0.042	-1.248	1.263	0.764	PE(P-18:0/20:3)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_170	-0.003	-0.062	0.039	0.86	0.128	-0.179	0.454	0.444	0.125	-0.183	0.448	0.44	-0.026	-1.227	1.413	0.9	LPC(22:6)	Lysophosphatidylcholine	LPC Ester
CR	IL8	id_181	-0.005	-0.07	0.038	0.896	0.129	-0.194	0.488	0.456	0.125	-0.179	0.46	0.432	-0.037	-1.09	1.431	0.744	LPE(20:4)	Lysophosphatidylethanolamine	LPE Ester
CR	IL8	id_203	0.002	-0.065	0.029	0.896	0.123	-0.182	0.484	0.456	0.125	-0.186	0.462	0.456	0.015	-1.476	1.183	0.976	MAG(20:5)	MAG	Ester
CR	IL8	id_401	0.001	-0.058	0.039	0.9	0.123	-0.171	0.496	0.49	0.125	-0.16	0.458	0.436	0.01	-1.204	1.259	0.876	PE(P-18:0/18:1)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_189	0.001	-0.021	0.03	0.914	0.124	-0.178	0.461	0.482	0.125	-0.18	0.461	0.47	0.007	-0.65	0.561	0.952	MAG(15:0)	MAG	Ester
CR	IL8	id_071	-0.003	-0.033	0.06	0.916	0.128	-0.214	0.463	0.53	0.125	-0.193	0.467	0.49	-0.028	-0.984	1.408	0.99	DAG(14:1/16:0)	Diacylglycerol	DAG Ester

CR	IL8	id_043	0.004	-0.064	0.06	0.926	0.121	-0.194	0.467	0.47	0.125	-0.221	0.452	0.488	0.029	-1.24	1.923	0.894	CE(22:6)	Cholesterol Ester	CE Ester
CR	IL8	id_154	0	-0.086	0.028	0.928	0.124	-0.187	0.487	0.426	0.125	-0.197	0.453	0.432	0.001	-1.204	0.997	0.848	LPC(15:0)	Lysophosphatidylcholine	LPC Ester
CR	IL8	id_392	0.003	-0.051	0.043	0.93	0.121	-0.187	0.459	0.426	0.125	-0.187	0.471	0.426	0.028	-0.952	1.395	0.884	PE(P-16:0/20:4)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_387	0.004	-0.044	0.034	0.932	0.12	-0.184	0.472	0.456	0.125	-0.182	0.46	0.44	0.033	-0.978	0.776	0.972	PE(P-16:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_141	-0.001	-0.028	0.043	0.946	0.126	-0.192	0.489	0.442	0.125	-0.194	0.489	0.436	-0.01	-0.53	0.939	0.938	LCER(14:0)	Sphingolipids	Lactosylceramide
CR	IL8	id_372	-0.001	-0.047	0.027	0.95	0.126	-0.182	0.488	0.458	0.125	-0.183	0.488	0.466	-0.01	-0.555	0.567	0.924	PE(O-16:0/22:6)	Phosphatidylethanolamine	PE Ether
CR	IL8	id_421	0.001	-0.077	0.048	0.956	0.124	-0.178	0.463	0.442	0.125	-0.195	0.455	0.438	0.006	-1.686	1.233	0.938	PE(P-18:1/22:4)	Phosphatidylethanolamine	PE Plasmalogen
CR	IL8	id_129	0.001	-0.037	0.028	0.976	0.123	-0.174	0.461	0.456	0.125	-0.167	0.459	0.448	0.009	-0.854	1.022	0.928	HCER(14:0)	Sphingolipids	Hexosylceramide
CR	IL8	id_366	-0.001	-0.046	0.043	0.976	0.125	-0.168	0.438	0.438	0.125	-0.159	0.443	0.438	-0.006	-1.694	0.966	0.958	PE(O-16:0/18:2)	Phosphatidylethanolamine	PE Ether
CR	IL8	id_151	-0.001	-0.025	0.027	0.994	0.126	-0.197	0.457	0.456	0.125	-0.198	0.457	0.45	-0.01	-0.447	0.557	0.96	LCER(26:0)	Sphingolipids	Lactosylceramide
CR	IL8	id_251	-0.001	-0.077	0.063	0.994	0.126	-0.167	0.454	0.432	0.125	-0.165	0.45	0.442	-0.011	-2.651	1.515	0.948	PC(16:0/22:6)	Phosphatidylcholine	PC Ester
AL	IL8	id_023	-0.008	-0.06	0.043	0.828	0.186	-0.243	0.628	0.372	0.179	-0.254	0.621	0.38	-0.042	-1.142	0.763	0.828	CE(15:0)	Cholesterol Ester	CE Ester
AL	IL8	id_024	0.001	-0.039	0.043	0.99	0.178	-0.263	0.599	0.41	0.179	-0.27	0.607	0.412	0.003	-0.735	0.648	0.978	CE(16:0)	Cholesterol Ester	CE Ester
AL	IL8	id_026	-0.017	-0.079	0.04	0.614	0.196	-0.244	0.633	0.404	0.179	-0.241	0.622	0.44	-0.094	-1.097	1.516	0.79	CE(17:0)	Cholesterol Ester	CE Ester
AL	IL8	id_027	0.008	-0.039	0.088	0.752	0.171	-0.267	0.596	0.434	0.179	-0.256	0.605	0.4	0.045	-0.691	1.358	0.836	CE(18:0)	Cholesterol Ester	CE Ester
AL	IL8	id_028	0	-0.047	0.047	0.94	0.179	-0.221	0.603	0.396	0.179	-0.231	0.602	0.402	0.001	-0.522	0.531	0.962	CE(18:1)	Cholesterol Ester	CE Ester
AL	IL8	id_029	-0.001	-0.056	0.039	0.878	0.18	-0.256	0.628	0.434	0.179	-0.254	0.62	0.442	-0.008	-0.696	0.578	0.94	CE(18:2)	Cholesterol Ester	CE Ester
AL	IL8	id_033	-0.004	-0.054	0.051	0.876	0.183	-0.264	0.658	0.408	0.179	-0.256	0.653	0.398	-0.022	-0.598	0.933	0.878	CE(20:1)	Cholesterol Ester	CE Ester
AL	IL8	id_034	0	-0.059	0.058	0.988	0.179	-0.262	0.634	0.452	0.179	-0.259	0.621	0.446	-0.001	-0.665	0.865	0.974	CE(20:2)	Cholesterol Ester	CE Ester

AL	IL8	id_035	0.003	-0.043	0.063	0.856	0.176	-0.252	0.645	0.458	0.179	-0.25	0.64	0.438	0.015	-0.626	0.887	0.922	CE(20:3)	Cholesterol Ester	CE Ester
AL	IL8	id_036	0.015	-0.039	0.108	0.558	0.164	-0.247	0.613	0.432	0.179	-0.224	0.629	0.406	0.083	-0.935	1.26	0.704	CE(20:4)	Cholesterol Ester	CE Ester
AL	IL8	id_041	0.002	-0.072	0.107	0.974	0.177	-0.235	0.613	0.468	0.179	-0.226	0.611	0.438	0.009	-1.682	1.367	0.968	CE(22:4)	Cholesterol Ester	CE Ester
AL	IL8	id_042	0.024	-0.026	0.118	0.428	0.155	-0.248	0.586	0.478	0.179	-0.237	0.621	0.416	0.135	-1.001	1.562	0.604	CE(22:5)	Cholesterol Ester	CE Ester
AL	IL8	id_043	-0.006	-0.058	0.036	0.778	0.185	-0.253	0.614	0.42	0.179	-0.258	0.617	0.426	-0.035	-1.067	0.913	0.86	CE(22:6)	Cholesterol Ester	CE Ester
AL	IL8	id_044	-0.008	-0.044	0.03	0.678	0.187	-0.228	0.607	0.392	0.179	-0.235	0.608	0.396	-0.044	-0.59	0.589	0.738	CE(24:0)	Cholesterol Ester	CE Ester
AL	IL8	id_045	-0.01	-0.052	0.039	0.692	0.189	-0.25	0.666	0.41	0.179	-0.246	0.648	0.412	-0.055	-0.708	0.516	0.688	CE(24:1)	Cholesterol Ester	CE Ester
AL	IL8	id_046	-0.001	-0.038	0.035	0.982	0.18	-0.263	0.615	0.464	0.179	-0.265	0.599	0.452	-0.005	-0.425	0.515	0.994	CER(14:0)	Sphingolipids	Ceramide
AL	IL8	id_047	0.001	-0.035	0.041	0.982	0.178	-0.239	0.625	0.466	0.179	-0.243	0.617	0.452	0.003	-0.507	0.789	0.986	CER(16:0)	Sphingolipids	Ceramide
AL	IL8	id_048	0.003	-0.053	0.045	0.982	0.176	-0.229	0.59	0.386	0.179	-0.231	0.59	0.384	0.018	-0.523	0.648	0.97	CER(18:0)	Sphingolipids	Ceramide
AL	IL8	id_049	-0.018	-0.087	0.034	0.484	0.196	-0.252	0.654	0.408	0.179	-0.239	0.656	0.43	-0.098	-1.078	1.132	0.666	CER(18:1)	Sphingolipids	Ceramide
AL	IL8	id_050	0.005	-0.035	0.056	0.868	0.173	-0.263	0.628	0.464	0.179	-0.246	0.625	0.438	0.03	-0.811	0.856	0.93	CER(20:0)	Sphingolipids	Ceramide
AL	IL8	id_051	0.003	-0.033	0.061	0.84	0.176	-0.252	0.609	0.46	0.179	-0.222	0.618	0.434	0.014	-0.583	0.83	0.946	CER(20:1)	Sphingolipids	Ceramide
AL	IL8	id_052	0.001	-0.06	0.067	0.958	0.178	-0.233	0.606	0.432	0.179	-0.222	0.615	0.41	0.007	-0.877	1.009	0.964	CER(22:0)	Sphingolipids	Ceramide
AL	IL8	id_053	0.001	-0.082	0.095	0.982	0.177	-0.261	0.635	0.45	0.179	-0.255	0.605	0.416	0.007	-0.956	1.657	0.978	CER(22:1)	Sphingolipids	Ceramide
AL	IL8	id_054	-0.002	-0.067	0.073	0.904	0.181	-0.226	0.636	0.386	0.179	-0.234	0.619	0.398	-0.01	-1.349	1.334	0.986	CER(24:0)	Sphingolipids	Ceramide
AL	IL8	id_055	0	-0.046	0.027	0.924	0.179	-0.241	0.594	0.412	0.179	-0.242	0.594	0.428	0	-0.689	0.474	0.928	CER(24:1)	Sphingolipids	Ceramide
AL	IL8	id_057	0.003	-0.049	0.046	0.982	0.176	-0.262	0.622	0.434	0.179	-0.256	0.613	0.43	0.015	-0.943	0.767	0.98	CER(26:1)	Sphingolipids	Ceramide
AL	IL8	id_116	-0.002	-0.055	0.038	0.932	0.18	-0.227	0.627	0.418	0.179	-0.235	0.616	0.432	-0.01	-0.747	0.872	0.972	DCER(14:0)	Sphingolipids	Dihydroceramide
AL	IL8	id_117	-0.001	-0.038	0.04	0.97	0.18	-0.229	0.633	0.408	0.179	-0.232	0.638	0.398	-0.008	-0.55	0.62	1	DCER(16:0)	Sphingolipids	Dihydroceramide
AL	IL8	id_118	0.004	-0.038	0.044	0.914	0.175	-0.223	0.619	0.388	0.179	-0.206	0.622	0.386	0.023	-0.545	0.616	0.98	DCER(18:0)	Sphingolipids	Dihydroceramide
AL	IL8	id_119	0.007	-0.036	0.065	0.778	0.172	-0.207	0.592	0.432	0.179	-0.203	0.607	0.41	0.039	-0.783	0.859	0.824	DCER(18:1)	Sphingolipids	Dihydroceramide
AL	IL8	id_120	0.002	-0.047	0.054	0.956	0.177	-0.212	0.643	0.44	0.179	-0.22	0.631	0.402	0.012	-0.84	1.101	0.962	DCER(20:0)	Sphingolipids	Dihydroceramide
AL	IL8	id_121	0.005	-0.066	0.069	0.858	0.174	-0.228	0.646	0.418	0.179	-0.23	0.635	0.406	0.026	-0.947	0.736	0.828	DCER(20:1)	Sphingolipids	Dihydroceramide

AL	IL8	id_122	0.004	-0.052	0.064	0.916	0.175	-0.281	0.572	0.448	0.179	-0.28	0.577	0.44	0.021	-0.842	0.684	0.92	DCER(22:0)	Sphingolipids	Dihydroceramide
AL	IL8	id_123	0.001	-0.036	0.036	0.99	0.178	-0.271	0.617	0.442	0.179	-0.274	0.621	0.43	0.005	-0.46	0.525	0.972	DCER(22:1)	Sphingolipids	Dihydroceramide
AL	IL8	id_124	-0.002	-0.058	0.037	0.902	0.18	-0.251	0.619	0.396	0.179	-0.249	0.614	0.422	-0.01	-0.775	0.834	0.972	DCER(22:2)	Sphingolipids	Dihydroceramide
AL	IL8	id_125	-0.003	-0.079	0.098	0.932	0.181	-0.209	0.615	0.392	0.179	-0.219	0.606	0.382	-0.014	-1.613	1.512	0.998	DCER(24:0)	Sphingolipids	Dihydroceramide
AL	IL8	id_126	-0.015	-0.083	0.031	0.552	0.194	-0.271	0.609	0.412	0.179	-0.28	0.581	0.452	-0.085	-0.972	1.313	0.768	DCER(24:1)	Sphingolipids	Dihydroceramide
AL	IL8	id_128	-0.002	-0.047	0.033	0.93	0.181	-0.234	0.596	0.398	0.179	-0.227	0.596	0.402	-0.013	-0.827	0.583	0.996	DCER(26:1)	Sphingolipids	Dihydroceramide
AL	IL8	id_129	0	-0.058	0.074	0.982	0.179	-0.259	0.606	0.43	0.179	-0.255	0.597	0.414	-0.001	-0.778	0.836	0.996	HCER(14:0)	Sphingolipids	Hexosylceramide
AL	IL8	id_130	0	-0.041	0.041	0.944	0.179	-0.257	0.589	0.432	0.179	-0.262	0.586	0.43	0	-0.591	0.797	0.938	HCER(16:0)	Sphingolipids	Hexosylceramide
AL	IL8	id_131	-0.001	-0.055	0.06	0.99	0.179	-0.247	0.611	0.436	0.179	-0.244	0.599	0.432	-0.004	-0.763	0.72	0.986	HCER(18:0)	Sphingolipids	Hexosylceramide
AL	IL8	id_132	-0.042	-0.13	0.033	0.25	0.221	-0.193	0.644	0.292	0.179	-0.214	0.591	0.362	-0.237	-2.758	1.506	0.512	HCER(18:1)	Sphingolipids	Hexosylceramide
AL	IL8	id_133	-0.016	-0.101	0.035	0.554	0.195	-0.232	0.64	0.402	0.179	-0.257	0.62	0.45	-0.088	-1.045	1.492	0.748	HCER(20:0)	Sphingolipids	Hexosylceramide
AL	IL8	id_134	-0.016	-0.106	0.056	0.602	0.195	-0.271	0.631	0.372	0.179	-0.267	0.624	0.442	-0.089	-1.422	2.253	0.824	HCER(20:1)	Sphingolipids	Hexosylceramide
AL	IL8	id_135	-0.001	-0.042	0.05	0.992	0.18	-0.232	0.601	0.404	0.179	-0.218	0.603	0.406	-0.006	-0.647	0.71	0.998	HCER(22:0)	Sphingolipids	Hexosylceramide
AL	IL8	id_136	-0.035	-0.138	0.024	0.302	0.214	-0.213	0.642	0.33	0.179	-0.238	0.572	0.408	-0.196	-2.457	3.061	0.566	HCER(22:1)	Sphingolipids	Hexosylceramide
AL	IL8	id_137	-0.001	-0.046	0.045	0.978	0.179	-0.236	0.612	0.436	0.179	-0.233	0.609	0.418	-0.003	-0.806	0.81	0.976	HCER(24:0)	Sphingolipids	Hexosylceramide
AL	IL8	id_138	-0.004	-0.074	0.082	0.996	0.183	-0.234	0.639	0.364	0.179	-0.238	0.636	0.376	-0.023	-1.219	1.08	0.996	HCER(24:1)	Sphingolipids	Hexosylceramide
AL	IL8	id_139	-0.001	-0.046	0.043	0.996	0.18	-0.251	0.586	0.432	0.179	-0.245	0.594	0.43	-0.006	-0.856	0.541	0.946	HCER(26:0)	Sphingolipids	Hexosylceramide
AL	IL8	id_141	-0.002	-0.042	0.049	0.978	0.181	-0.298	0.642	0.44	0.179	-0.295	0.639	0.454	-0.011	-0.611	0.535	0.98	LCER(14:0)	Sphingolipids	Lactosylceramide
AL	IL8	id_142	0.006	-0.044	0.076	0.734	0.173	-0.23	0.602	0.404	0.179	-0.215	0.614	0.388	0.032	-0.923	0.703	0.822	LCER(16:0)	Sphingolipids	Lactosylceramide
AL	IL8	id_144	0.002	-0.068	0.093	0.988	0.177	-0.275	0.577	0.422	0.179	-0.266	0.601	0.416	0.009	-0.99	1.082	0.964	LCER(18:1)	Sphingolipids	Lactosylceramide

AL	IL8	id_145	0.007	-0.042	0.079	0.756	0.171	-0.27	0.649	0.468	0.179	-0.264	0.645	0.438	0.041	-1.502	0.878	0.85	LCER(20:0)	Sphingolipids	Lactosylcera mide
AL	IL8	id_146	0	-0.043	0.035	0.92	0.179	-0.22	0.62	0.374	0.179	-0.224	0.611	0.382	0	-0.459	0.629	0.918	LCER(20:1)	Sphingolipids	Lactosylcera mide
AL	IL8	id_147	0.005	-0.038	0.077	0.778	0.174	-0.252	0.588	0.454	0.179	-0.239	0.594	0.43	0.028	-0.999	0.892	0.848	LCER(22:0)	Sphingolipids	Lactosylcera mide
AL	IL8	id_148	-0.004	-0.059	0.063	0.994	0.183	-0.236	0.636	0.386	0.179	-0.221	0.638	0.368	-0.023	-1.014	0.831	0.954	LCER(22:1)	Sphingolipids	Lactosylcera mide
AL	IL8	id_149	0.003	-0.04	0.062	0.914	0.176	-0.227	0.598	0.408	0.179	-0.215	0.597	0.402	0.015	-0.654	0.545	0.944	LCER(24:0)	Sphingolipids	Lactosylcera mide
AL	IL8	id_152	-0.014	-0.09	0.031	0.588	0.193	-0.261	0.673	0.408	0.179	-0.263	0.644	0.426	-0.077	-1.14	0.788	0.634	LCER(26:1)	Sphingolipids	Lactosylcera mide
AL	IL8	id_154	-0.041	-0.154	0.027	0.31	0.219	-0.21	0.611	0.336	0.179	-0.259	0.586	0.43	-0.227	-3.35	2.112	0.628	LPC(15:0)	Lysophosphatidy lcholine	LPC Ester
AL	IL8	id_157	0.001	-0.08	0.06	0.964	0.178	-0.23	0.606	0.414	0.179	-0.238	0.61	0.436	0.005	-1.251	1.465	0.984	LPC(17:0)	Lysophosphatidy lcholine	LPC Ester
AL	IL8	id_170	0.001	-0.062	0.079	0.878	0.178	-0.273	0.594	0.442	0.179	-0.265	0.611	0.416	0.007	-1.128	0.862	0.954	LPC(22:6)	Lysophosphatidy lcholine	LPC Ester
AL	IL8	id_181	-0.003	-0.055	0.057	0.974	0.182	-0.258	0.622	0.462	0.179	-0.263	0.605	0.456	-0.015	-0.755	1.034	0.994	LPE(20:4)	Lysophosphatidy lethanolamine	LPE Ester
AL	IL8	id_186	-0.004	-0.065	0.046	0.882	0.183	-0.23	0.626	0.406	0.179	-0.229	0.632	0.43	-0.025	-0.777	0.952	0.964	MAG(12:0)	MAG	Ester
AL	IL8	id_188	0.003	-0.047	0.059	0.956	0.176	-0.216	0.611	0.4	0.179	-0.224	0.617	0.398	0.017	-0.54	0.66	0.922	MAG(14:1)	MAG	Ester
AL	IL8	id_189	0.009	-0.047	0.085	0.736	0.169	-0.252	0.612	0.458	0.179	-0.243	0.617	0.434	0.052	-0.951	1.24	0.818	MAG(15:0)	MAG	Ester
AL	IL8	id_195	0.035	-0.039	0.158	0.424	0.143	-0.273	0.572	0.522	0.179	-0.239	0.598	0.426	0.198	-1.811	2.342	0.61	MAG(18:2)	MAG	Ester
AL	IL8	id_203	-0.002	-0.084	0.063	0.902	0.181	-0.217	0.6	0.402	0.179	-0.221	0.599	0.422	-0.014	-1.15	1.265	0.984	MAG(20:5)	MAG	Ester
AL	IL8	id_204	-0.01	-0.073	0.049	0.758	0.189	-0.253	0.659	0.38	0.179	-0.268	0.643	0.396	-0.059	-0.888	0.67	0.814	MAG(22:0)	MAG	Ester
AL	IL8	id_205	-0.003	-0.056	0.035	0.842	0.182	-0.27	0.626	0.422	0.179	-0.263	0.627	0.422	-0.018	-0.522	0.598	0.912	MAG(22:1)	MAG	Ester
AL	IL8	id_208	0.001	-0.046	0.046	0.996	0.178	-0.248	0.608	0.424	0.179	-0.249	0.598	0.416	0.006	-0.676	0.555	0.988	MAG(22:5)	MAG	Ester
AL	IL8	id_209	-0.001	-0.052	0.046	0.994	0.18	-0.276	0.693	0.48	0.179	-0.27	0.689	0.472	-0.006	-0.829	0.817	0.942	MAG(22:6)	MAG	Ester
AL	IL8	id_228	0	-0.045	0.045	0.924	0.179	-0.224	0.631	0.45	0.179	-0.232	0.633	0.444	-0.002	-0.603	0.861	0.956	PC(15:0/18:2)	Phosphatidylchol ine	PC Ester
AL	IL8	id_230	0.004	-0.061	0.048	0.928	0.175	-0.23	0.593	0.412	0.179	-0.23	0.6	0.418	0.022	-0.933	0.835	0.962	PC(15:0/20:4)	Phosphatidylchol ine	PC Ester
AL	IL8	id_241	-0.013	-0.089	0.026	0.576	0.191	-0.228	0.653	0.376	0.179	-0.253	0.636	0.402	-0.071	-1.123	1.171	0.778	PC(16:0/18:2)	Phosphatidylchol ine	PC Ester
AL	IL8	id_254	0.006	-0.047	0.108	0.778	0.173	-0.283	0.592	0.466	0.179	-0.265	0.61	0.424	0.033	-1.27	1.119	0.866	PC(17:0/18:2)	Phosphatidylchol ine	PC Ester

AL	IL8	id_257	0.03	-0.059	0.14	0.478	0.148	-0.267	0.592	0.478	0.179	-0.23	0.631	0.398	0.169	-2.15	3.32	0.612	PC(17:0/20:4)	Phosphatidylchol ine	PC Ester
AL	IL8	id_272	0.009	-0.078	0.079	0.842	0.17	-0.285	0.643	0.436	0.179	-0.277	0.635	0.42	0.052	-1.238	1.357	0.834	PC(18:0/20:4)	Phosphatidylchol ine	PC Ester
AL	IL8	id_279	0	-0.047	0.041	0.978	0.178	-0.249	0.674	0.426	0.179	-0.255	0.658	0.416	0.002	-0.608	0.667	0.998	PC(18:1/18:2)	Phosphatidylchol ine	PC Ester
AL	IL8	id_283	-0.021	-0.12	0.047	0.616	0.2	-0.232	0.697	0.4	0.179	-0.236	0.663	0.424	-0.12	-1.488	1.143	0.748	PC(18:1/20:3)	Phosphatidylchol ine	PC Ester
AL	IL8	id_284	0.004	-0.116	0.148	0.968	0.175	-0.259	0.61	0.458	0.179	-0.252	0.624	0.45	0.022	-1.957	1.817	0.926	PC(18:1/20:4)	Phosphatidylchol ine	PC Ester
AL	IL8	id_289	0	-0.039	0.035	0.97	0.179	-0.247	0.626	0.388	0.179	-0.237	0.615	0.38	0	-0.46	0.546	0.918	PC(18:2/16:1)	Phosphatidyleth ine	PC Ester
AL	IL8	id_354	-0.006	-0.057	0.02	0.694	0.185	-0.256	0.616	0.418	0.179	-0.26	0.588	0.434	-0.034	-0.822	0.814	0.772	PE(18:1/22:0)	Phosphatidyleth anolamine	PE Ester
AL	IL8	id_386	0.018	-0.061	0.134	0.642	0.161	-0.26	0.599	0.478	0.179	-0.244	0.62	0.44	0.099	-1.599	1.609	0.694	PE(P- 16:0/18:1)	Phosphatidyleth anolamine	PE Plasmalogen
AL	IL8	id_398	-0.005	-0.078	0.048	0.802	0.183	-0.244	0.642	0.34	0.179	-0.247	0.629	0.362	-0.026	-1.281	0.953	0.928	PE(P- 18:0/16:0)	Phosphatidyleth anolamine	PE Plasmalogen
AL	IL8	id_405	0.018	-0.106	0.138	0.668	0.16	-0.243	0.551	0.452	0.179	-0.242	0.594	0.434	0.103	-1.587	1.497	0.71	PE(P- 18:0/20:3)	Phosphatidyleth anolamine	PE Plasmalogen
AL	IL8	id_414	0.005	-0.076	0.095	0.922	0.174	-0.216	0.642	0.394	0.179	-0.219	0.643	0.39	0.026	-1.563	1.006	0.92	PE(P- 18:1/18:1)	Phosphatidyleth anolamine	PE Plasmalogen
AL	IL8	id_448	0	-0.047	0.061	0.99	0.179	-0.243	0.635	0.478	0.179	-0.243	0.633	0.468	-0.002	-0.976	0.797	0.958	SM(14:0)	Sphingolipids	Sphingomyeli n
AL	IL8	id_449	0	-0.036	0.04	0.998	0.179	-0.239	0.589	0.44	0.179	-0.229	0.6	0.432	-0.001	-0.534	0.661	0.99	SM(16:0)	Sphingolipids	Sphingomyeli n
AL	IL8	id_450	-0.001	-0.053	0.045	0.922	0.18	-0.251	0.62	0.386	0.179	-0.255	0.62	0.392	-0.006	-0.823	0.576	0.938	SM(18:0)	Sphingolipids	Sphingomyeli n
AL	IL8	id_451	0.002	-0.047	0.052	0.944	0.176	-0.234	0.636	0.4	0.179	-0.234	0.639	0.406	0.013	-0.496	0.793	0.862	SM(18:1)	Sphingolipids	Sphingomyeli n
AL	IL8	id_452	-0.014	-0.09	0.028	0.52	0.192	-0.215	0.642	0.344	0.179	-0.229	0.627	0.374	-0.076	-1.426	1.127	0.718	SM(20:0)	Sphingolipids	Sphingomyeli n
AL	IL8	id_453	0.004	-0.056	0.067	0.788	0.174	-0.236	0.635	0.446	0.179	-0.22	0.639	0.434	0.025	-0.873	0.73	0.926	SM(20:1)	Sphingolipids	Sphingomyeli n
AL	IL8	id_454	-0.012	-0.093	0.056	0.692	0.19	-0.253	0.628	0.408	0.179	-0.266	0.62	0.434	-0.064	-1.38	0.957	0.878	SM(22:0)	Sphingolipids	Sphingomyeli n

AL	IL8	id_455	0	-0.052	0.06	0.98	0.179	-0.265	0.63	0.456	0.179	-0.267	0.638	0.442	-0.001	-0.914	0.842	0.97	SM(22:1)	Sphingolipids	Sphingomyelin
AL	IL8	id_456	-0.008	-0.074	0.047	0.782	0.186	-0.25	0.592	0.382	0.179	-0.25	0.592	0.386	-0.042	-1.156	1.047	0.896	SM(24:0)	Sphingolipids	Sphingomyelin
AL	IL8	id_457	0.002	-0.041	0.046	0.934	0.176	-0.227	0.638	0.398	0.179	-0.23	0.642	0.394	0.014	-0.511	0.566	0.932	SM(24:1)	Sphingolipids	Sphingomyelin
AL	IL8	id_458	0.01	-0.045	0.097	0.702	0.169	-0.225	0.573	0.454	0.179	-0.224	0.586	0.402	0.054	-0.907	1.116	0.792	SM(26:0)	Sphingolipids	Sphingomyelin
AL	IL8	id_459	0	-0.039	0.037	0.962	0.179	-0.255	0.621	0.442	0.179	-0.257	0.625	0.44	-0.001	-0.639	0.576	0.958	SM(26:1)	Sphingolipids	Sphingomyelin
AL	IL8	id_660	-0.005	-0.07	0.03	0.79	0.183	-0.208	0.613	0.304	0.179	-0.195	0.6	0.326	-0.026	-0.892	0.546	0.88	FA16:0 TAG51:3-	Triacylglycerol	TAG Ester
AL	IL8	id_663	-0.004	-0.073	0.025	0.74	0.183	-0.241	0.619	0.386	0.179	-0.245	0.617	0.406	-0.021	-0.712	0.698	0.842	FA18:1 TAG51:3-	Triacylglycerol	TAG Ester
AL	IL8	id_667	0.001	-0.062	0.039	0.906	0.178	-0.208	0.614	0.426	0.179	-0.216	0.602	0.434	0.005	-0.683	0.479	0.972	FA16:0 TAG53:3-	Triacylglycerol	TAG Ester
AL	IL8	id_755	-0.008	-0.082	0.07	0.808	0.187	-0.267	0.603	0.436	0.179	-0.254	0.586	0.434	-0.046	-1.068	1.05	0.874	FA18:0 TAG53:4-	Triacylglycerol	TAG Ester
AL	IL8	id_760	0.013	-0.047	0.08	0.67	0.166	-0.228	0.602	0.416	0.179	-0.227	0.63	0.398	0.073	-0.899	0.986	0.736	FA18:0 TAG53:4-	Triacylglycerol	TAG Ester
AL	IL8	id_761	0	-0.054	0.032	0.856	0.179	-0.263	0.629	0.458	0.179	-0.268	0.632	0.484	-0.002	-0.619	0.654	0.908	FA18:1 TAG53:5-	Triacylglycerol	TAG Ester
AL	IL8	id_765	-0.001	-0.039	0.053	0.94	0.18	-0.234	0.605	0.46	0.179	-0.234	0.607	0.434	-0.005	-0.576	0.896	0.982	FA18:1 TAG53:5-	Triacylglycerol	TAG Ester
AL	IL8	id_766	-0.001	-0.054	0.034	0.91	0.18	-0.238	0.644	0.402	0.179	-0.246	0.638	0.406	-0.006	-0.525	0.536	0.972	FA18:2 TAG53:6-	Triacylglycerol	TAG Ester
AL	IL8	id_769	-0.001	-0.056	0.039	0.938	0.18	-0.279	0.638	0.408	0.179	-0.268	0.628	0.4	-0.005	-0.445	0.763	0.954	FA18:1 TAG53:6-	Triacylglycerol	TAG Ester
AL	IL8	id_770	0.001	-0.042	0.047	0.956	0.177	-0.246	0.614	0.446	0.179	-0.242	0.612	0.446	0.008	-0.558	0.662	0.946	FA18:2 TAG53:6-	Triacylglycerol	TAG Ester
AL	IL8	id_771	0.001	-0.05	0.049	0.982	0.177	-0.259	0.626	0.372	0.179	-0.258	0.634	0.384	0.007	-0.753	0.609	0.962	FA18:3 TAG53:7-	Triacylglycerol	TAG Ester
AL	IL8	id_773	-0.015	-0.101	0.061	0.7	0.193	-0.256	0.628	0.46	0.179	-0.287	0.614	0.49	-0.082	-1.701	1.419	0.938	FA18:3 TAG55:6-	Triacylglycerol	TAG Ester
AL	IL8	id_856	-0.001	-0.057	0.054	0.97	0.18	-0.242	0.612	0.404	0.179	-0.244	0.615	0.408	-0.007	-0.878	0.939	0.994	FA18:1 TAG55:6-	Triacylglycerol	TAG Ester
AL	IL8	id_857	0.002	-0.071	0.067	0.906	0.177	-0.243	0.62	0.39	0.179	-0.232	0.62	0.408	0.009	-0.877	1.04	0.946	FA20:3 TAG55:7-	Triacylglycerol	TAG Ester
AL	IL8	id_860	0.005	-0.05	0.073	0.794	0.173	-0.244	0.586	0.434	0.179	-0.238	0.614	0.422	0.029	-0.809	0.885	0.828	FA18:1	Triacylglycerol	TAG Ester

AL	IL8	id_861	-0.011	-0.093	0.057	0.722	0.19	-0.22	0.592	0.394	0.179	-0.254	0.595	0.448	-0.063	-1.209	1.478	0.894	TAG55:7-FA20:3	Triacylglycerol	TAG Ester
AL	IL8	id_862	0.008	-0.058	0.09	0.786	0.171	-0.24	0.595	0.474	0.179	-0.245	0.607	0.46	0.042	-1.098	0.913	0.842	TAG55:7-FA20:4	Triacylglycerol	TAG Ester
AL	IL8	id_864	-0.003	-0.063	0.029	0.794	0.182	-0.253	0.588	0.408	0.179	-0.251	0.572	0.418	-0.019	-0.864	0.456	0.852	TAG55:8-FA20:4	Triacylglycerol	TAG Ester
AL	IL8	id_939	-0.005	-0.092	0.078	0.906	0.184	-0.236	0.634	0.384	0.179	-0.243	0.654	0.412	-0.03	-1.588	1.733	0.942	TAG57:9-FA22:6	Triacylglycerol	TAG Ester
AL	IL8	id_978	0	-0.052	0.037	0.938	0.179	-0.239	0.583	0.386	0.179	-0.247	0.583	0.384	-0.002	-0.69	0.539	0.946	Total CE	Neutral Complex Lipids SUM	Cholesteryl Esters
AL	IL8	id_979	0	-0.069	0.065	0.962	0.179	-0.243	0.617	0.428	0.179	-0.252	0.594	0.43	-0.002	-1.201	1.451	0.984	Total CER	Sphingolipid SUM	Ceramides
AL	IL8	id_981	-0.002	-0.046	0.053	0.988	0.18	-0.237	0.587	0.414	0.179	-0.244	0.593	0.408	-0.008	-0.72	0.639	0.968	Total DCER	Sphingolipid SUM	Dihydroceramides
AL	IL8	id_982	-0.002	-0.051	0.045	0.946	0.181	-0.244	0.604	0.38	0.179	-0.246	0.594	0.382	-0.013	-0.698	0.67	0.988	Total HCER	Sphingolipid SUM	Hexosylceramides
AL	IL8	id_983	0.003	-0.047	0.072	0.944	0.176	-0.276	0.567	0.48	0.179	-0.279	0.571	0.466	0.017	-0.766	0.885	0.97	Total LCER	Sphingolipid SUM	Lactosylceramides
AL	IL8	id_987	0	-0.051	0.025	0.804	0.179	-0.227	0.661	0.384	0.179	-0.234	0.66	0.402	-0.002	-0.926	0.438	0.882	Total PC	Phospholipid SUM	Phosphatidylcholines
AL	IL8	id_990	-0.003	-0.05	0.036	0.896	0.181	-0.23	0.609	0.39	0.179	-0.242	0.607	0.388	-0.014	-0.892	0.88	0.956	Total SM	Sphingolipid SUM	Sphingomyelins
AL	IL8	id_039	-0.007	-0.058	0.027	0.66	0.186	-0.283	0.627	0.468	0.179	-0.275	0.591	0.48	-0.039	-0.637	0.659	0.66	CE(22:1)	Cholesterol Ester	CE Ester
AL	IL8	id_060	0.027	-0.046	0.206	0.616	0.152	-0.278	0.511	0.514	0.179	-0.251	0.577	0.436	0.151	-2.045	1.811	0.696	DAG(12:0/18:1)	Diacylglycerol	DAG Ester
AL	IL8	id_071	-0.009	-0.098	0.059	0.886	0.188	-0.233	0.638	0.394	0.179	-0.234	0.634	0.392	-0.053	-1.191	1.739	0.89	DAG(14:1/16:0)	Diacylglycerol	DAG Ester
AL	IL8	id_072	0.005	-0.037	0.058	0.878	0.174	-0.233	0.577	0.47	0.179	-0.225	0.589	0.448	0.025	-0.533	0.644	0.85	DAG(14:1/18:1)	Diacylglycerol	DAG Ester
AL	IL8	id_150	0.001	-0.049	0.048	0.934	0.178	-0.214	0.64	0.42	0.179	-0.213	0.639	0.418	0.007	-0.895	0.828	0.968	LCER(24:1)	Sphingolipids	Lactosylceramide
AL	IL8	id_151	0.034	-0.025	0.141	0.298	0.145	-0.29	0.577	0.494	0.179	-0.241	0.612	0.418	0.191	-1.774	1.742	0.592	LCER(26:0)	Sphingolipids	Lactosylceramide
AL	IL8	id_160	-0.002	-0.05	0.037	0.91	0.181	-0.247	0.595	0.428	0.179	-0.254	0.594	0.438	-0.011	-0.689	0.575	0.9	LPC(18:2)	Lysophosphatidylcholine	LPC Ester
AL	IL8	id_196	0.008	-0.039	0.072	0.764	0.17	-0.243	0.608	0.438	0.179	-0.242	0.619	0.428	0.046	-0.671	0.985	0.856	MAG(18:3)	MAG	Ester
AL	IL8	id_199	0.008	-0.041	0.065	0.762	0.17	-0.236	0.614	0.44	0.179	-0.234	0.629	0.428	0.047	-0.874	1.03	0.85	MAG(20:1)	MAG	Ester
AL	IL8	id_200	0.001	-0.034	0.049	0.964	0.177	-0.257	0.646	0.408	0.179	-0.243	0.647	0.402	0.007	-0.519	0.6	0.994	MAG(20:2)	MAG	Ester

AL	IL8	id_201	0.003	-0.048	0.067	0.916	0.175	-0.238	0.608	0.418	0.179	-0.239	0.593	0.42	0.019	-0.874	1.064	0.956	MAG(20:3)	MAG	Ester
																				Phosphatidylchol	
AL	IL8	id_251	-0.002	-0.06	0.037	0.864	0.181	-0.226	0.59	0.392	0.179	-0.231	0.588	0.412	-0.013	-0.793	0.769	0.892	PC(16:0/22:6)	ine	PC Ester
																				Phosphatidylchol	
AL	IL8	id_288	-0.013	-0.077	0.042	0.638	0.191	-0.229	0.659	0.398	0.179	-0.24	0.641	0.424	-0.071	-1.259	1.15	0.794	PC(18:1/22:6)	ine	PC Ester
																				Phosphatidylchol	
AL	IL8	id_293	0.003	-0.047	0.055	0.964	0.176	-0.272	0.606	0.496	0.179	-0.287	0.594	0.492	0.017	-0.664	0.777	0.992	PC(18:2/20:2)	ine	PC Ester
																				Phosphatidylchol	
AL	IL8	id_298	-0.039	-0.139	0.028	0.274	0.218	-0.202	0.658	0.322	0.179	-0.259	0.632	0.416	-0.219	-2.706	2.119	0.622	PC(18:2/22:5)	ine	PC Ester
																				Phosphatidyleth	
AL	IL8	id_332	-0.038	-0.156	0.048	0.39	0.217	-0.237	0.644	0.306	0.179	-0.269	0.606	0.398	-0.211	-3.349	2.492	0.688	PE(18:0/18:0)	anolamine	PE Ester
																				Phosphatidyleth	
AL	IL8	id_359	-0.021	-0.111	0.041	0.532	0.2	-0.213	0.69	0.414	0.179	-0.227	0.641	0.452	-0.117	-1.493	1.329	0.748	PE(18:2/16:1)	anolamine	PE Ester
																				PE(O-	
AL	IL8	id_366	-0.015	-0.13	0.081	0.728	0.194	-0.212	0.609	0.372	0.179	-0.242	0.598	0.414	-0.086	-2.28	1.885	0.926	16:0/18:2)	anolamine	PE Ether
																				PE(O-	
AL	IL8	id_368	0.002	-0.082	0.084	0.976	0.177	-0.222	0.627	0.428	0.179	-0.228	0.617	0.424	0.01	-1.202	1.501	0.872	16:0/20:4)	anolamine	PE Ether
																				PE(O-	
AL	IL8	id_372	0.009	-0.042	0.067	0.786	0.169	-0.266	0.61	0.414	0.179	-0.256	0.613	0.404	0.053	-0.894	1	0.898	16:0/22:6)	anolamine	PE Ether
																				PE(O-	
AL	IL8	id_378	0.001	-0.066	0.067	0.962	0.178	-0.242	0.581	0.434	0.179	-0.242	0.573	0.426	0.007	-1.133	1.1	0.948	18:0/20:4)	anolamine	PE Ether
																				PE(O-	
AL	IL8	id_381	-0.002	-0.071	0.088	0.954	0.18	-0.244	0.615	0.438	0.179	-0.26	0.63	0.444	-0.009	-1.283	1.502	0.95	18:0/22:5)	anolamine	PE Ether
																				PE(O-	
AL	IL8	id_382	-0.013	-0.1	0.034	0.692	0.192	-0.217	0.609	0.386	0.179	-0.224	0.589	0.404	-0.073	-1.208	0.586	0.804	18:0/22:6)	anolamine	PE Ether
AL	IL8	id_387	-0.003	-0.105	0.092	0.972	0.181	-0.238	0.623	0.394	0.179	-0.249	0.625	0.42	-0.014	-1.326	2.024	0.9	PE(P- 16:0/18:2)	Phosphatidyleth anolamine	PE Plasmalogen
AL	IL8	id_392	0.016	-0.035	0.1	0.604	0.163	-0.252	0.581	0.448	0.179	-0.229	0.605	0.408	0.088	-1.218	1.235	0.752	PE(P- 16:0/20:4)	Phosphatidyleth anolamine	PE Plasmalogen
AL	IL8	id_395	-0.002	-0.057	0.06	0.95	0.181	-0.258	0.624	0.43	0.179	-0.267	0.624	0.43	-0.014	-0.927	1.139	0.984	PE(P- 16:0/22:5)	Phosphatidyleth anolamine	PE Plasmalogen
AL	IL8	id_396	-0.001	-0.057	0.054	0.988	0.18	-0.263	0.596	0.458	0.179	-0.258	0.579	0.446	-0.005	-0.663	0.891	0.998	PE(P- 16:0/22:6)	Phosphatidyleth anolamine	PE Plasmalogen
AL	IL8	id_401	-0.003	-0.103	0.081	0.872	0.182	-0.254	0.588	0.38	0.179	-0.259	0.582	0.42	-0.018	-1.459	1.977	0.984	PE(P- 18:0/18:1)	Phosphatidyleth anolamine	PE Plasmalogen

AL	IL8	id_402	-0.01	-0.116	0.076	0.74	0.189	-0.211	0.632	0.328	0.179	-0.233	0.62	0.368	-0.058	-2.01	1.281	0.88	PE(P-18:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen
AL	IL8	id_406	0.006	-0.04	0.071	0.762	0.173	-0.269	0.589	0.432	0.179	-0.263	0.611	0.424	0.033	-0.557	0.688	0.798	PE(P-18:0/20:4)	Phosphatidylethanolamine	PE Plasmalogen
AL	IL8	id_409	0.008	-0.036	0.081	0.746	0.171	-0.272	0.604	0.428	0.179	-0.25	0.608	0.388	0.043	-0.937	1.22	0.794	PE(P-18:0/22:5)	Phosphatidylethanolamine	PE Plasmalogen
AL	IL8	id_410	-0.009	-0.088	0.061	0.828	0.188	-0.225	0.628	0.422	0.179	-0.233	0.618	0.424	-0.052	-1.254	1.323	0.96	PE(P-18:0/22:6)	Phosphatidylethanolamine	PE Plasmalogen
AL	IL8	id_411	-0.017	-0.127	0.059	0.7	0.196	-0.224	0.618	0.374	0.179	-0.247	0.605	0.412	-0.095	-1.83	1.976	0.884	PE(P-18:1/16:0)	Phosphatidylethanolamine	PE Plasmalogen
AL	IL8	id_415	0.007	-0.087	0.099	0.866	0.172	-0.272	0.576	0.424	0.179	-0.252	0.587	0.404	0.04	-1.164	1.519	0.834	PE(P-18:1/18:2)	Phosphatidylethanolamine	PE Plasmalogen
AL	IL8	id_419	0.012	-0.028	0.077	0.646	0.167	-0.247	0.606	0.482	0.179	-0.235	0.627	0.456	0.067	-1.057	0.873	0.814	PE(P-18:1/20:4)	Phosphatidylethanolamine	PE Plasmalogen
AL	IL8	id_421	-0.013	-0.157	0.121	0.884	0.192	-0.278	0.637	0.48	0.179	-0.26	0.596	0.434	-0.073	-2.528	2.079	0.83	PE(P-18:1/22:4)	Phosphatidylethanolamine	PE Plasmalogen
AL	IL8	id_422	0.006	-0.048	0.071	0.826	0.173	-0.222	0.596	0.416	0.179	-0.231	0.593	0.396	0.033	-0.839	0.812	0.886	PE(P-18:1/22:5)	Phosphatidylethanolamine	PE Plasmalogen
AL	IL8	id_423	0.001	-0.058	0.066	0.978	0.178	-0.251	0.621	0.452	0.179	-0.252	0.635	0.438	0.004	-1.179	1.076	0.964	PE(P-18:1/22:6)	Phosphatidylethanolamine	PE Plasmalogen
AL	IL8	id_424	0.028	-0.025	0.111	0.334	0.151	-0.281	0.576	0.484	0.179	-0.269	0.606	0.406	0.154	-1.29	2.44	0.552	PE(P-18:2/18:2)	Phosphatidylethanolamine	PE Plasmalogen
AL	IL8	id_425	0.001	-0.034	0.046	0.912	0.178	-0.219	0.608	0.442	0.179	-0.217	0.598	0.438	0.007	-0.468	0.563	0.922	PE(P-18:2/20:4)	Phosphatidylethanolamine	PE Plasmalogen
CR	Fasting insulin	id_134	-0.005	-0.031	0.008	0.486	-0.265	-0.407	-0.122	0	-0.27	-0.414	-0.12	0	0.018	-0.033	0.12	0.486	HCER(20:1)	Sphingolipids	Hexosylceramide
CR	Fasting insulin	id_136	-0.005	-0.036	0.009	0.486	-0.265	-0.391	-0.121	0	-0.27	-0.395	-0.129	0	0.02	-0.033	0.153	0.486	HCER(22:1)	Sphingolipids	Hexosylceramide

CR	Fasting insulin	id_257	-0.007	-0.044	0.012	0.494	-0.263	-0.409	-0.121	0	-0.27	-0.412	-0.13	0	0.025	-0.043	0.195	0.494	PC(17:0/20:4)	Phosphatidylcholine	PC Ester
CR	Fasting insulin	id_288	0.005	-0.01	0.02	0.5	-0.275	-0.426	-0.11	0	-0.27	-0.412	-0.11	0	-0.018	-0.076	0.035	0.5	PC(18:1/22:6)	Phosphatidylcholine	PC Ester
CR	Fasting insulin	id_116	0.006	-0.009	0.019	0.502	-0.276	-0.422	-0.119	0	-0.27	-0.418	-0.117	0	-0.023	-0.078	0.037	0.502	DCER(14:0)	Sphingolipids	Dihydroceramide
CR	Fasting insulin	id_154	0.004	-0.014	0.018	0.506	-0.274	-0.412	-0.141	0	-0.27	-0.406	-0.14	0	-0.014	-0.082	0.052	0.506	LPC(15:0)	Lysophosphatidylcholine	LPC Ester
CR	Fasting insulin	id_128	0.003	-0.005	0.015	0.508	-0.273	-0.404	-0.13	0	-0.27	-0.401	-0.129	0	-0.01	-0.055	0.025	0.508	DCER(26:1)	Sphingolipids	Dihydroceramide
CR	Fasting insulin	id_450	-0.005	-0.044	0.009	0.512	-0.265	-0.41	-0.121	0	-0.27	-0.412	-0.14	0	0.018	-0.028	0.178	0.512	SM(18:0)	Sphingolipids	Sphingomyelin
CR	Fasting insulin	id_452	-0.005	-0.04	0.01	0.516	-0.265	-0.395	-0.106	0	-0.27	-0.399	-0.111	0	0.018	-0.04	0.171	0.516	SM(20:0)	Sphingolipids	Sphingomyelin
CR	Fasting insulin	id_057	0.004	-0.007	0.017	0.522	-0.274	-0.425	-0.131	0	-0.27	-0.414	-0.129	0	-0.014	-0.067	0.03	0.522	CER(26:1)	Sphingolipids	Ceramide
CR	Fasting insulin	id_455	-0.003	-0.036	0.007	0.522	-0.267	-0.396	-0.119	0	-0.27	-0.401	-0.127	0	0.013	-0.027	0.148	0.522	SM(22:1)	Sphingolipids	Sphingomyelin
CR	Fasting insulin	id_982	0.003	-0.006	0.014	0.532	-0.273	-0.415	-0.133	0	-0.27	-0.416	-0.133	0	-0.011	-0.05	0.025	0.532	Total HCER SUM	Sphingolipid	Hexosylceramides
CR	Fasting insulin	id_284	-0.006	-0.033	0.014	0.546	-0.264	-0.418	-0.114	0	-0.27	-0.423	-0.128	0	0.023	-0.045	0.172	0.546	PC(18:1/20:4)	Phosphatidylcholine	PC Ester
CR	Fasting insulin	id_279	0.003	-0.008	0.014	0.55	-0.273	-0.416	-0.115	0.002	-0.27	-0.412	-0.115	0.002	-0.012	-0.06	0.029	0.552	PC(18:1/18:2)	Phosphatidylcholine	PC Ester
CR	Fasting insulin	id_205	0.001	-0.008	0.013	0.554	-0.271	-0.422	-0.126	0	-0.27	-0.42	-0.126	0	-0.004	-0.049	0.029	0.554	MAG(22:1)	MAG	Ester
CR	Fasting insulin	id_144	0.002	-0.006	0.013	0.568	-0.272	-0.411	-0.137	0	-0.27	-0.406	-0.137	0	-0.009	-0.048	0.029	0.568	LCER(18:1)	Sphingolipids	Lactosylceramide
CR	Fasting insulin	id_137	0.003	-0.009	0.014	0.57	-0.273	-0.423	-0.12	0	-0.27	-0.42	-0.12	0	-0.012	-0.059	0.035	0.57	HCER(24:0)	Sphingolipids	Hexosylceramide
CR	Fasting insulin	id_983	-0.006	-0.041	0.015	0.576	-0.264	-0.398	-0.111	0	-0.27	-0.408	-0.121	0	0.022	-0.063	0.173	0.576	Total LCER SUM	Sphingolipid	Lactosylceramides
CR	Fasting insulin	id_023	-0.003	-0.036	0.009	0.58	-0.267	-0.404	-0.111	0.002	-0.27	-0.411	-0.12	0	0.012	-0.035	0.156	0.58	CE(15:0)	Cholesterol Ester	CE Ester
CR	Fasting insulin	id_453	-0.003	-0.03	0.01	0.586	-0.267	-0.41	-0.124	0.002	-0.27	-0.415	-0.133	0	0.013	-0.033	0.124	0.586	SM(20:1)	Sphingolipids	Sphingomyelin
CR	Fasting insulin	id_769	0.002	-0.014	0.011	0.594	-0.272	-0.411	-0.125	0	-0.27	-0.409	-0.124	0	-0.006	-0.038	0.055	0.594	TAG53:6-FA18:1	Triacylglycerol	TAG Ester
CR	Fasting insulin	id_188	0.001	-0.007	0.012	0.596	-0.271	-0.41	-0.128	0	-0.27	-0.406	-0.127	0	-0.003	-0.044	0.028	0.596	MAG(14:1)	MAG	Ester

CR	Fasting insulin	id_459	0.003	-0.017	0.014	0.596	-0.273	-0.404	-0.128	0	-0.27	-0.405	-0.128	0	-0.013	-0.063	0.072	0.596	SM(26:1)	Sphingolipids	Sphingomyelin
CR	Fasting insulin	id_133	0.003	-0.013	0.012	0.602	-0.273	-0.405	-0.125	0	-0.27	-0.403	-0.128	0	-0.01	-0.048	0.052	0.602	HCER(20:0)	Sphingolipids	Hexosylceramide
CR	Fasting insulin	id_055	0.004	-0.016	0.018	0.604	-0.274	-0.405	-0.129	0	-0.27	-0.401	-0.13	0	-0.013	-0.073	0.069	0.604	CER(24:1)	Sphingolipids	Ceramide
CR	Fasting insulin	id_146	0.002	-0.008	0.014	0.608	-0.272	-0.422	-0.135	0	-0.27	-0.419	-0.133	0	-0.009	-0.052	0.03	0.608	LCER(20:1)	Sphingolipids	Lactosylceramide
CR	Fasting insulin	id_196	-0.003	-0.021	0.01	0.61	-0.267	-0.409	-0.125	0	-0.27	-0.41	-0.128	0	0.012	-0.033	0.095	0.61	MAG(18:3) TAG55:7-	MAG	Ester
CR	Fasting insulin	id_861	0.002	-0.022	0.01	0.612	-0.272	-0.408	-0.137	0	-0.27	-0.405	-0.14	0	-0.008	-0.036	0.084	0.612	FA20:3	Triacylglycerol	TAG Ester
CR	Fasting insulin	id_152	-0.004	-0.03	0.013	0.614	-0.266	-0.403	-0.122	0	-0.27	-0.405	-0.131	0	0.017	-0.058	0.129	0.614	LCER(26:1) TAG53:6-	Sphingolipids	Lactosylceramide
CR	Fasting insulin	id_771	-0.001	-0.075	0.007	0.624	-0.269	-0.405	-0.108	0	-0.27	-0.413	-0.119	0	0.004	-0.023	0.295	0.624	FA18:3	Triacylglycerol	TAG Ester
CR	Fasting insulin	id_422	-0.005	-0.039	0.013	0.63	-0.265	-0.408	-0.112	0.002	-0.27	-0.41	-0.121	0.002	0.019	-0.048	0.175	0.632	PE(P-18:1/22:5)	Phosphatidylethanolamine	PE Plasmalogen
CR	Fasting insulin	id_126	0.003	-0.024	0.015	0.634	-0.273	-0.413	-0.114	0	-0.27	-0.409	-0.114	0	-0.011	-0.054	0.099	0.634	DCER(24:1)	Sphingolipids	Dihydroceramide
CR	Fasting insulin	id_181	-0.003	-0.024	0.009	0.636	-0.267	-0.4	-0.123	0	-0.27	-0.409	-0.127	0	0.011	-0.033	0.094	0.636	LPE(20:4)	Lysophosphatidylethanolamine	LPE Ester
CR	Fasting insulin	id_139	0.002	-0.012	0.013	0.644	-0.272	-0.402	-0.12	0	-0.27	-0.403	-0.122	0	-0.009	-0.046	0.046	0.644	HCER(26:0)	Sphingolipids	Hexosylceramide
CR	Fasting insulin	id_186	-0.004	-0.018	0.015	0.644	-0.266	-0.409	-0.122	0	-0.27	-0.412	-0.125	0	0.016	-0.075	0.087	0.644	MAG(12:0) DAG(12:0/18:1)	MAG	Ester
CR	Fasting insulin	id_060	0.004	-0.013	0.016	0.646	-0.274	-0.401	-0.125	0	-0.27	-0.399	-0.125	0	-0.015	-0.065	0.057	0.646		Diacylglycerol	DAG Ester
CR	Fasting insulin	id_051	-0.004	-0.06	0.012	0.648	-0.266	-0.406	-0.136	0.002	-0.27	-0.415	-0.144	0	0.014	-0.049	0.238	0.648	CER(20:1)	Sphingolipids	Ceramide
CR	Fasting insulin	id_398	-0.003	-0.029	0.012	0.656	-0.267	-0.403	-0.121	0	-0.27	-0.402	-0.134	0	0.011	-0.041	0.123	0.656	PE(P-18:0/16:0)	Phosphatidylethanolamine	PE Plasmalogen
CR	Fasting insulin	id_028	-0.002	-0.023	0.009	0.658	-0.268	-0.411	-0.133	0	-0.27	-0.41	-0.138	0	0.007	-0.031	0.104	0.658	CE(18:1)	Cholesterol Ester	CE Ester
CR	Fasting insulin	id_124	-0.004	-0.037	0.013	0.66	-0.266	-0.402	-0.127	0.004	-0.27	-0.406	-0.133	0	0.014	-0.051	0.148	0.66	DCER(22:2)	Sphingolipids	Dihydroceramide
CR	Fasting insulin	id_129	0.002	-0.01	0.015	0.672	-0.272	-0.408	-0.139	0	-0.27	-0.407	-0.14	0	-0.007	-0.066	0.036	0.672	HCER(14:0)	Sphingolipids	Hexosylceramide

CR	Fasting insulin	id_298	0.001	-0.007	0.013	0.674	-0.271	-0.405	-0.132	0.002	-0.27	-0.404	-0.13	0.002	-0.005	-0.058	0.026	0.676	PC(18:2/22:5)	Phosphatidylcholine	PC Ester
CR	Fasting insulin	id_415	-0.003	-0.029	0.01	0.678	-0.267	-0.414	-0.126	0.002	-0.27	-0.423	-0.133	0	0.012	-0.041	0.126	0.678	PE(P-18:1/18:2)	Phosphatidylethanolamine	PE Plasmalogen
CR	Fasting insulin	id_054	-0.003	-0.035	0.01	0.688	-0.267	-0.4	-0.11	0	-0.27	-0.402	-0.118	0	0.01	-0.04	0.149	0.688	CER(24:0)	Sphingolipids	Ceramide Lactosylceramide
CR	Fasting insulin	id_147	0.005	-0.024	0.037	0.692	-0.275	-0.421	-0.138	0	-0.27	-0.419	-0.128	0	-0.017	-0.172	0.087	0.692	LCER(22:0)	Sphingolipids	
CR	Fasting insulin	id_200	0.003	-0.011	0.016	0.698	-0.273	-0.416	-0.132	0.002	-0.27	-0.411	-0.132	0.002	-0.012	-0.055	0.057	0.696	MAG(20:2)	MAG	Ester
CR	Fasting insulin	id_354	0.005	-0.027	0.021	0.71	-0.274	-0.407	-0.145	0	-0.27	-0.413	-0.144	0	-0.017	-0.087	0.11	0.71	PE(18:1/22:0)	Phosphatidylethanolamine	PE Ester
CR	Fasting insulin	id_132	-0.002	-0.031	0.011	0.718	-0.268	-0.403	-0.122	0	-0.27	-0.406	-0.128	0	0.007	-0.043	0.13	0.718	HCER(18:1)	Sphingolipids	Hexosylceramide
CR	Fasting insulin	id_979	-0.002	-0.038	0.011	0.72	-0.268	-0.406	-0.113	0	-0.27	-0.413	-0.125	0	0.007	-0.04	0.159	0.72	Total CER	Sphingolipid SUM	Ceramides
CR	Fasting insulin	id_049	-0.003	-0.066	0.014	0.734	-0.267	-0.404	-0.104	0	-0.27	-0.411	-0.121	0	0.011	-0.05	0.284	0.734	CER(18:1)	Sphingolipids	Ceramide
CR	Fasting insulin	id_201	0.002	-0.011	0.015	0.734	-0.272	-0.422	-0.129	0	-0.27	-0.412	-0.129	0	-0.008	-0.063	0.045	0.734	MAG(20:3)	MAG	Ester
CR	Fasting insulin	id_039	-0.002	-0.018	0.01	0.742	-0.268	-0.411	-0.116	0	-0.27	-0.41	-0.122	0	0.009	-0.037	0.083	0.742	CE(22:1)	Cholesterol Ester	CE Ester
CR	Fasting insulin	id_189	0.002	-0.012	0.018	0.748	-0.272	-0.411	-0.122	0.002	-0.27	-0.409	-0.115	0.002	-0.006	-0.087	0.05	0.75	MAG(15:0)	MAG	Ester
CR	Fasting insulin	id_372	0	-0.007	0.025	0.75	-0.27	-0.401	-0.137	0	-0.27	-0.397	-0.134	0	-0.001	-0.102	0.028	0.75	PE(O-16:0/22:6)	Phosphatidylethanolamine	PE Ether Dihydroceramide
CR	Fasting insulin	id_118	0.002	-0.012	0.015	0.752	-0.272	-0.418	-0.128	0	-0.27	-0.414	-0.132	0.002	-0.008	-0.059	0.054	0.754	DCER(18:0)	Sphingolipids	
CR	Fasting insulin	id_209	0	-0.007	0.012	0.752	-0.27	-0.405	-0.121	0	-0.27	-0.406	-0.121	0	0	-0.052	0.031	0.752	MAG(22:6)	MAG	Ester Sphingomyelin
CR	Fasting insulin	id_451	-0.002	-0.036	0.015	0.766	-0.268	-0.41	-0.118	0	-0.27	-0.409	-0.125	0	0.007	-0.058	0.158	0.766	SM(18:1)	Sphingolipids	
CR	Fasting insulin	id_862	0.001	-0.033	0.009	0.78	-0.271	-0.404	-0.123	0.002	-0.27	-0.41	-0.128	0.002	-0.005	-0.033	0.136	0.778	TAG55:7-FA20:4	Triacylglycerol	TAG Ester
CR	Fasting insulin	id_410	0.001	-0.008	0.016	0.784	-0.271	-0.415	-0.13	0	-0.27	-0.414	-0.129	0	-0.003	-0.066	0.033	0.784	PE(P-18:0/22:6)	Phosphatidylethanolamine	PE Plasmalogen
CR	Fasting insulin	id_033	0.001	-0.014	0.011	0.786	-0.271	-0.416	-0.138	0	-0.27	-0.409	-0.137	0	-0.005	-0.043	0.061	0.786	CE(20:1)	Cholesterol Ester	CE Ester

CR	Fasting insulin	id_457	0.001	-0.007	0.011	0.788	-0.271	-0.408	-0.12	0	-0.27	-0.402	-0.119	0	-0.003	-0.044	0.035	0.788	SM(24:1)	Sphingolipids	Sphingomyelin
CR	Fasting insulin	id_135	0.002	-0.01	0.012	0.794	-0.272	-0.409	-0.125	0	-0.27	-0.402	-0.128	0	-0.006	-0.046	0.042	0.794	HCER(22:0)	Sphingolipids	Hexosylceramide
CR	Fasting insulin	id_414	0.001	-0.01	0.014	0.808	-0.271	-0.409	-0.126	0	-0.27	-0.408	-0.127	0	-0.003	-0.059	0.045	0.808	PE(P-18:1/18:1)	Phosphatidylethanolamine	PE Plasmalogen
CR	Fasting insulin	id_396	-0.003	-0.015	0.015	0.81	-0.267	-0.407	-0.109	0	-0.27	-0.409	-0.112	0	0.009	-0.063	0.075	0.81	PE(P-16:0/22:6)	Phosphatidylethanolamine	PE Plasmalogen
CR	Fasting insulin	id_050	0.002	-0.035	0.022	0.816	-0.272	-0.416	-0.127	0	-0.27	-0.41	-0.134	0	-0.008	-0.078	0.149	0.816	CER(20:0)	Sphingolipids	Ceramide
CR	Fasting insulin	id_402	-0.002	-0.022	0.015	0.818	-0.268	-0.412	-0.137	0	-0.27	-0.409	-0.139	0	0.008	-0.068	0.085	0.818	PE(P-18:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen
CR	Fasting insulin	id_401	0.001	-0.012	0.017	0.83	-0.271	-0.412	-0.128	0	-0.27	-0.411	-0.129	0	-0.002	-0.063	0.053	0.83	PE(P-18:0/18:1)	Phosphatidylethanolamine	PE Plasmalogen
CR	Fasting insulin	id_195	0	-0.009	0.011	0.832	-0.27	-0.42	-0.132	0	-0.27	-0.416	-0.132	0	0.001	-0.043	0.035	0.832	MAG(18:2)	MAG	Ester
CR	Fasting insulin	id_424	0.001	-0.012	0.016	0.832	-0.271	-0.404	-0.123	0	-0.27	-0.398	-0.122	0	-0.004	-0.065	0.046	0.832	PE(P-18:2/18:2)	Phosphatidylethanolamine	PE Plasmalogen
CR	Fasting insulin	id_044	-0.002	-0.013	0.01	0.842	-0.268	-0.417	-0.136	0	-0.27	-0.414	-0.136	0	0.006	-0.04	0.064	0.842	CE(24:0)	Cholesterol Ester	CE Ester
CR	Fasting insulin	id_046	-0.001	-0.036	0.013	0.858	-0.269	-0.406	-0.134	0	-0.27	-0.409	-0.14	0	0.003	-0.057	0.149	0.858	CER(14:0)	Sphingolipids	Ceramide
CR	Fasting insulin	id_120	0.001	-0.02	0.011	0.858	-0.271	-0.404	-0.128	0	-0.27	-0.405	-0.13	0	-0.005	-0.043	0.086	0.858	DCER(20:0)	Sphingolipids	Dihydroceramide
CR	Fasting insulin	id_755	0	-0.046	0.011	0.858	-0.27	-0.4	-0.121	0	-0.27	-0.408	-0.127	0	-0.002	-0.039	0.165	0.858	TAG53:3-FA18:0	Triacylglycerol	TAG Ester
CR	Fasting insulin	id_045	-0.001	-0.009	0.013	0.864	-0.269	-0.411	-0.128	0.002	-0.27	-0.41	-0.129	0.002	0.002	-0.05	0.045	0.862	CE(24:1)	Cholesterol Ester	CE Ester
CR	Fasting insulin	id_386	-0.002	-0.024	0.015	0.864	-0.268	-0.41	-0.125	0	-0.27	-0.408	-0.127	0	0.007	-0.055	0.102	0.864	PE(P-16:0/18:1)	Phosphatidylethanolamine	PE Plasmalogen
CR	Fasting insulin	id_160	0.001	-0.019	0.012	0.864	-0.271	-0.414	-0.119	0	-0.27	-0.413	-0.124	0	-0.002	-0.046	0.084	0.864	LPC(18:2)	Lysophosphatidylcholine	LPC Ester
CR	Fasting insulin	id_382	0.001	-0.015	0.012	0.864	-0.271	-0.41	-0.13	0	-0.27	-0.411	-0.135	0	-0.002	-0.046	0.058	0.864	PE(O-18:0/22:6)	Phosphatidylethanolamine	PE Ether

CR	Fasting insulin	id_047	0.002	-0.03	0.016	0.87	-0.272	-0.414	-0.135	0	-0.27	-0.414	-0.135	0	-0.006	-0.061	0.112	0.87 CER(16:0) TAG55:6-	Sphingolipids	Ceramide
CR	Fasting insulin	id_857	0.001	-0.036	0.01	0.87	-0.271	-0.409	-0.127	0	-0.27	-0.408	-0.124	0	-0.002	-0.043	0.141	0.87 FA20:3	Triacylglycerol	TAG Ester
CR	Fasting insulin	id_043	0	-0.01	0.012	0.876	-0.27	-0.409	-0.134	0	-0.27	-0.409	-0.132	0	-0.001	-0.045	0.039	0.876 CE(22:6)	Cholesterol Ester	CE Ester
CR	Fasting insulin	id_170	-0.001	-0.029	0.014	0.878	-0.269	-0.407	-0.12	0.004	-0.27	-0.41	-0.117	0.002	0.005	-0.062	0.119	0.876 LPC(22:6)	Lysophosphatidylcholine	LPC Ester
CR	Fasting insulin	id_117	-0.001	-0.022	0.012	0.886	-0.269	-0.42	-0.122	0	-0.27	-0.411	-0.127	0	0.002	-0.042	0.096	0.886 DCER(16:0)	Sphingolipids	Dihydroceramide
CR	Fasting insulin	id_423	0	-0.008	0.011	0.892	-0.27	-0.399	-0.137	0	-0.27	-0.4	-0.137	0	0	-0.047	0.033	0.892 PE(P- 18:1/22:6)	Phosphatidylethanolamine	PE Plasmalogen
CR	Fasting insulin	id_203	0.001	-0.034	0.01	0.91	-0.271	-0.4	-0.115	0	-0.27	-0.403	-0.116	0	-0.003	-0.046	0.136	0.91 MAG(20:5) TAG53:4-	MAG	Ester
CR	Fasting insulin	id_760	0.001	-0.052	0.008	0.912	-0.271	-0.395	-0.113	0	-0.27	-0.403	-0.12	0	-0.002	-0.029	0.198	0.912 FA18:0	Triacylglycerol	TAG Ester
CR	Fasting insulin	id_141	0.002	-0.028	0.025	0.916	-0.272	-0.402	-0.134	0	-0.27	-0.401	-0.135	0	-0.007	-0.118	0.12	0.916 LCER(14:0) TAG53:5-	Sphingolipids	Lactosylceramide
CR	Fasting insulin	id_765	0	-0.043	0.009	0.918	-0.27	-0.41	-0.12	0	-0.27	-0.412	-0.127	0	-0.002	-0.032	0.171	0.918 FA18:1	Triacylglycerol	TAG Ester
CR	Fasting insulin	id_123	0.001	-0.041	0.011	0.928	-0.271	-0.404	-0.127	0.002	-0.27	-0.406	-0.13	0.002	-0.003	-0.038	0.175	0.93 DCER(22:1)	Sphingolipids	Dihydroceramide
CR	Fasting insulin	id_148	0	-0.029	0.02	0.932	-0.27	-0.413	-0.132	0	-0.27	-0.414	-0.136	0.002	0.001	-0.088	0.112	0.93 LCER(22:1)	Sphingolipids	Lactosylceramide
CR	Fasting insulin	id_130	0.001	-0.017	0.011	0.938	-0.271	-0.417	-0.11	0	-0.27	-0.414	-0.114	0	-0.002	-0.04	0.071	0.938 HCER(16:0) TAG55:8-	Sphingolipids	Hexosylceramide
CR	Fasting insulin	id_864	0.001	-0.044	0.009	0.946	-0.271	-0.411	-0.122	0	-0.27	-0.411	-0.129	0	-0.002	-0.031	0.165	0.946 FA20:4	Triacylglycerol	TAG Ester
CR	Fasting insulin	id_138	0	-0.026	0.013	0.954	-0.27	-0.41	-0.134	0	-0.27	-0.414	-0.137	0	-0.001	-0.055	0.101	0.954 HCER(24:1)	Sphingolipids	Hexosylceramide
CR	Fasting insulin	id_981	0	-0.034	0.011	0.958	-0.27	-0.41	-0.128	0.002	-0.27	-0.409	-0.134	0	-0.001	-0.041	0.137	0.958 Total DCER	Sphingolipid SUM	Dihydroceramides
CR	Fasting insulin	id_119	0	-0.015	0.012	0.96	-0.27	-0.41	-0.12	0	-0.27	-0.41	-0.121	0	-0.001	-0.039	0.068	0.96 DCER(18:1)	Sphingolipids	Dihydroceramide
CR	Fasting insulin	id_199	0	-0.009	0.009	0.96	-0.27	-0.412	-0.119	0	-0.27	-0.41	-0.118	0	0.001	-0.04	0.044	0.96 MAG(20:1)	MAG	Ester
CR	Fasting insulin	id_990	0	-0.024	0.01	0.964	-0.27	-0.406	-0.123	0	-0.27	-0.402	-0.126	0	-0.001	-0.039	0.088	0.964 Total SM	Sphingolipid SUM	Sphingomyelins
CR	Fasting insulin	id_254	-0.001	-0.017	0.01	0.97	-0.269	-0.404	-0.116	0	-0.27	-0.404	-0.12	0	0.004	-0.042	0.06	0.97 PC(17:0/18:2)	Phosphatidylcholine	PC Ester

CR	Fasting insulin	id_411	-0.001	-0.012	0.008	0.976	-0.269	-0.407	-0.132	0	-0.27	-0.407	-0.129	0	0.002	-0.032	0.052	0.976	PE(P- 18:1/16:0)	Phosphatidyleth anolamine	PE Plasmalogen Dihydroceram ide
CR	Fasting insulin	id_125	0	-0.031	0.013	0.982	-0.27	-0.409	-0.119	0	-0.27	-0.41	-0.124	0	-0.001	-0.046	0.129	0.982	DCER(24:0)	Sphingolipids	
CR	Fasting insulin	id_204	-0.001	-0.014	0.012	0.986	-0.269	-0.419	-0.126	0	-0.27	-0.417	-0.127	0	0.003	-0.038	0.065	0.986	MAG(22:0) DAG(14:1/16:	MAG	Ester
CR	Fasting insulin	id_071	0.001	-0.022	0.013	0.988	-0.271	-0.427	-0.125	0	-0.27	-0.424	-0.129	0	-0.004	-0.055	0.1	0.988	0)	Diacylglycerol	DAG Ester Sphingomyeli n
CR	Fasting insulin	id_448	0	-0.031	0.014	0.996	-0.27	-0.409	-0.122	0	-0.27	-0.411	-0.12	0	-0.001	-0.061	0.117	0.996	SM(14:0)	Sphingolipids	
CR	Fasting insulin	id_251	0	-0.017	0.011	0.996	-0.27	-0.402	-0.133	0	-0.27	-0.406	-0.134	0	0.001	-0.04	0.057	0.996	PC(16:0/22:6)	Phosphatidylchol ine	PC Ester
CR	Fasting insulin	id_332	-0.001	-0.009	0.011	0.996	-0.269	-0.408	-0.128	0	-0.27	-0.407	-0.126	0	0.003	-0.046	0.044	0.996	PE(18:0/18:0) TAG55:6-	Phosphatidyleth anolamine	PE Ester
CR	Fasting insulin	id_856	0	-0.044	0.008	0.998	-0.27	-0.392	-0.129	0	-0.27	-0.405	-0.135	0	-0.001	-0.03	0.177	0.998	FA18:1	Triacylglycerol	TAG Ester
AL	insulin	id_023	-0.013	-0.053	0.021	0.46	0.05	-0.131	0.234	0.624	0.037	-0.142	0.225	0.734	-0.345	-1.986	2.876	0.95	CE(15:0)	Cholesterol Ester	CE Ester
AL	Fasting insulin	id_024	0.005	-0.038	0.048	0.846	0.032	-0.157	0.207	0.776	0.037	-0.15	0.211	0.74	0.126	-2.426	2.305	0.81	CE(16:0)	Cholesterol Ester	CE Ester
AL	Fasting insulin	id_026	-0.016	-0.06	0.02	0.352	0.053	-0.122	0.249	0.596	0.037	-0.141	0.227	0.7	-0.43	-3.499	2.422	0.872	CE(17:0)	Cholesterol Ester	CE Ester
AL	Fasting insulin	id_027	-0.014	-0.053	0.017	0.346	0.05	-0.138	0.239	0.614	0.037	-0.144	0.223	0.754	-0.367	-2.954	3.313	0.856	CE(18:0)	Cholesterol Ester	CE Ester
AL	Fasting insulin	id_028	0	-0.033	0.035	0.972	0.037	-0.124	0.219	0.716	0.037	-0.138	0.221	0.73	-0.007	-1.538	1.873	0.886	CE(18:1)	Cholesterol Ester	CE Ester
AL	Fasting insulin	id_029	0.005	-0.03	0.041	0.706	0.032	-0.137	0.2	0.746	0.037	-0.133	0.211	0.706	0.136	-2.178	2.186	0.792	CE(18:2)	Cholesterol Ester	CE Ester
AL	Fasting insulin	id_033	-0.002	-0.026	0.015	0.822	0.039	-0.146	0.216	0.69	0.037	-0.148	0.214	0.694	-0.054	-0.7	0.968	0.9	CE(20:1)	Cholesterol Ester	CE Ester
AL	Fasting insulin	id_034	0	-0.054	0.052	0.986	0.037	-0.131	0.212	0.664	0.037	-0.133	0.216	0.702	-0.006	-2.347	2.884	0.812	CE(20:2)	Cholesterol Ester	CE Ester
AL	Fasting insulin	id_035	0.006	-0.059	0.063	0.86	0.031	-0.138	0.205	0.786	0.037	-0.136	0.21	0.772	0.167	-4.277	3.173	0.796	CE(20:3)	Cholesterol Ester	CE Ester
AL	Fasting insulin	id_036	0.013	-0.038	0.054	0.584	0.024	-0.141	0.207	0.834	0.037	-0.138	0.222	0.724	0.34	-2.683	4.255	0.72	CE(20:4)	Cholesterol Ester	CE Ester
AL	Fasting insulin	id_041	0	-0.026	0.021	0.998	0.036	-0.14	0.216	0.702	0.037	-0.141	0.214	0.704	0.011	-1.348	1.137	0.998	CE(22:4)	Cholesterol Ester	CE Ester
AL	Fasting insulin	id_042	0.013	-0.017	0.049	0.352	0.024	-0.145	0.212	0.806	0.037	-0.134	0.228	0.712	0.36	-2.31	2.035	0.744	CE(22:5)	Cholesterol Ester	CE Ester

AL	Fasting insulin	id_043	0.009	-0.014	0.054	0.534	0.027	-0.151	0.209	0.81	0.037	-0.134	0.216	0.714	0.258	-2.584	2.016	0.888	CE(22:6)	Cholesterol Ester	CE Ester
AL	Fasting insulin	id_044	-0.007	-0.025	0.015	0.554	0.043	-0.125	0.224	0.654	0.037	-0.128	0.219	0.69	-0.177	-1.254	1.087	0.86	CE(24:0)	Cholesterol Ester	CE Ester
AL	Fasting insulin	id_045	-0.004	-0.022	0.014	0.678	0.041	-0.129	0.243	0.67	0.037	-0.137	0.236	0.684	-0.112	-0.794	1.207	0.878	CE(24:1)	Cholesterol Ester	CE Ester
AL	Fasting insulin	id_046	-0.006	-0.04	0.02	0.61	0.043	-0.141	0.222	0.668	0.037	-0.148	0.217	0.728	-0.167	-1.852	1.815	0.938	CER(14:0)	Sphingolipids	Ceramide
AL	Fasting insulin	id_047	-0.001	-0.029	0.02	0.858	0.038	-0.133	0.221	0.72	0.037	-0.133	0.22	0.722	-0.027	-1.02	1.542	1	CER(16:0)	Sphingolipids	Ceramide
AL	Fasting insulin	id_048	-0.017	-0.082	0.03	0.504	0.054	-0.11	0.217	0.542	0.037	-0.136	0.205	0.684	-0.464	-3.637	4.064	0.952	CER(18:0)	Sphingolipids	Ceramide
AL	Fasting insulin	id_049	-0.014	-0.052	0.008	0.264	0.051	-0.118	0.24	0.554	0.037	-0.133	0.224	0.668	-0.387	-3.051	2.235	0.796	CER(18:1)	Sphingolipids	Ceramide
AL	Fasting insulin	id_050	-0.015	-0.071	0.04	0.572	0.052	-0.124	0.227	0.598	0.037	-0.143	0.225	0.738	-0.406	-3.063	5.077	0.998	CER(20:0)	Sphingolipids	Ceramide
AL	Fasting insulin	id_051	-0.012	-0.065	0.037	0.65	0.048	-0.122	0.22	0.6	0.037	-0.134	0.216	0.718	-0.317	-3.281	4.442	0.992	CER(20:1)	Sphingolipids	Ceramide
AL	Fasting insulin	id_052	-0.001	-0.051	0.043	0.936	0.038	-0.136	0.221	0.62	0.037	-0.146	0.219	0.63	-0.04	-2.847	2.036	0.842	CER(22:0)	Sphingolipids	Ceramide
AL	Fasting insulin	id_053	-0.056	-0.129	0.001	0.056	0.093	-0.08	0.27	0.272	0.037	-0.137	0.218	0.68	-1.521	-6.173	7.384	0.728	CER(22:1)	Sphingolipids	Ceramide
AL	Fasting insulin	id_054	0.001	-0.036	0.038	0.936	0.036	-0.142	0.219	0.724	0.037	-0.143	0.215	0.726	0.031	-2.296	1.887	0.898	CER(24:0)	Sphingolipids	Ceramide
AL	Fasting insulin	id_055	0	-0.035	0.04	0.962	0.037	-0.137	0.217	0.74	0.037	-0.136	0.219	0.73	0.004	-2.286	1.674	0.924	CER(24:1)	Sphingolipids	Ceramide
AL	Fasting insulin	id_057	-0.002	-0.04	0.028	0.834	0.039	-0.129	0.218	0.664	0.037	-0.134	0.22	0.7	-0.061	-1.665	2.734	0.986	CER(26:1)	Sphingolipids	Ceramide
AL	Fasting insulin	id_116	-0.001	-0.027	0.03	0.992	0.038	-0.137	0.223	0.692	0.037	-0.138	0.233	0.68	-0.035	-1.399	1.34	0.984	DCER(14:0)	Sphingolipids	Dihydroceramide
AL	Fasting insulin	id_117	0.003	-0.035	0.027	0.886	0.034	-0.146	0.222	0.708	0.037	-0.143	0.213	0.694	0.083	-1.611	1.55	0.896	DCER(16:0)	Sphingolipids	Dihydroceramide
AL	Fasting insulin	id_118	-0.009	-0.054	0.035	0.636	0.046	-0.119	0.217	0.644	0.037	-0.132	0.216	0.738	-0.24	-2.955	3.365	0.946	DCER(18:0)	Sphingolipids	Dihydroceramide
AL	Fasting insulin	id_119	0.012	-0.033	0.058	0.596	0.025	-0.151	0.203	0.806	0.037	-0.149	0.217	0.722	0.321	-2.383	2.685	0.826	DCER(18:1)	Sphingolipids	Dihydroceramide
AL	Fasting insulin	id_120	-0.007	-0.063	0.051	0.768	0.044	-0.12	0.226	0.596	0.037	-0.138	0.218	0.682	-0.191	-3.856	4.311	0.886	DCER(20:0)	Sphingolipids	Dihydroceramide
AL	Fasting insulin	id_121	0.004	-0.041	0.055	0.816	0.033	-0.136	0.208	0.754	0.037	-0.136	0.219	0.732	0.11	-2.283	2.21	0.796	DCER(20:1)	Sphingolipids	Dihydroceramide

AL	Fasting insulin	id_122	-0.005	-0.061	0.053	0.914	0.042	-0.132	0.21	0.658	0.037	-0.15	0.214	0.69	-0.146	-3.437	3.644	0.872	DCER(22:0)	Sphingolipids	Dihydroceram ide
AL	Fasting insulin	id_123	-0.007	-0.06	0.039	0.716	0.044	-0.123	0.223	0.606	0.037	-0.133	0.215	0.716	-0.203	-2.334	4.148	0.904	DCER(22:1)	Sphingolipids	Dihydroceram ide
AL	Fasting insulin	id_124	-0.003	-0.031	0.037	0.92	0.04	-0.141	0.219	0.746	0.037	-0.145	0.214	0.742	-0.075	-1.743	2.478	0.99	DCER(22:2)	Sphingolipids	Dihydroceram ide
AL	Fasting insulin	id_125	0.002	-0.046	0.047	0.952	0.035	-0.148	0.211	0.694	0.037	-0.148	0.217	0.698	0.047	-2.415	2.75	0.806	DCER(24:0)	Sphingolipids	Dihydroceram ide
AL	Fasting insulin	id_126	-0.017	-0.077	0.032	0.516	0.053	-0.124	0.244	0.578	0.037	-0.142	0.232	0.702	-0.451	-5.496	3.347	0.986	DCER(24:1)	Sphingolipids	Dihydroceram ide
AL	Fasting insulin	id_128	0.001	-0.016	0.021	0.9	0.036	-0.154	0.231	0.736	0.037	-0.15	0.223	0.722	0.024	-0.637	0.865	0.986	DCER(26:1)	Sphingolipids	Dihydroceram ide
AL	Fasting insulin	id_129	0	-0.017	0.02	0.982	0.037	-0.139	0.224	0.676	0.037	-0.137	0.22	0.674	0.001	-0.97	1.273	0.984	HCER(14:0)	Sphingolipids	Hexosylceram ide
AL	Fasting insulin	id_130	0	-0.03	0.028	0.978	0.037	-0.134	0.232	0.678	0.037	-0.136	0.233	0.708	0.002	-1.368	2.94	0.902	HCER(16:0)	Sphingolipids	Hexosylceram ide
AL	Fasting insulin	id_131	0.003	-0.013	0.044	0.632	0.034	-0.16	0.211	0.772	0.037	-0.154	0.225	0.72	0.083	-1.044	1.082	0.9	HCER(18:0)	Sphingolipids	Hexosylceram ide
AL	Fasting insulin	id_132	-0.011	-0.045	0.012	0.364	0.048	-0.13	0.224	0.546	0.037	-0.141	0.211	0.644	-0.3	-1.709	2.438	0.812	HCER(18:1)	Sphingolipids	Hexosylceram ide
AL	Fasting insulin	id_133	0.016	-0.016	0.066	0.338	0.02	-0.163	0.185	0.798	0.037	-0.143	0.205	0.686	0.447	-3.073	3.243	0.76	HCER(20:0)	Sphingolipids	Hexosylceram ide
AL	Fasting insulin	id_134	-0.009	-0.045	0.021	0.496	0.046	-0.143	0.238	0.61	0.037	-0.155	0.224	0.708	-0.257	-2.376	2.689	0.9	HCER(20:1)	Sphingolipids	Hexosylceram ide
AL	Fasting insulin	id_135	0.004	-0.03	0.048	0.81	0.033	-0.135	0.202	0.714	0.037	-0.127	0.213	0.676	0.117	-2.073	1.994	0.826	HCER(22:0)	Sphingolipids	Hexosylceram ide
AL	Fasting insulin	id_136	-0.002	-0.028	0.029	0.894	0.039	-0.132	0.22	0.658	0.037	-0.133	0.223	0.66	-0.063	-1.078	1.132	0.954	HCER(22:1)	Sphingolipids	Hexosylceram ide
AL	Fasting insulin	id_137	0.005	-0.034	0.049	0.806	0.032	-0.127	0.218	0.722	0.037	-0.123	0.228	0.658	0.134	-3.017	3.045	0.828	HCER(24:0)	Sphingolipids	Hexosylceram ide
AL	Fasting insulin	id_138	0.002	-0.031	0.042	0.906	0.035	-0.145	0.209	0.722	0.037	-0.144	0.213	0.71	0.056	-2.172	2.292	0.872	HCER(24:1)	Sphingolipids	Hexosylceram ide
AL	Fasting insulin	id_139	0.002	-0.021	0.021	0.998	0.035	-0.133	0.225	0.658	0.037	-0.132	0.22	0.674	0.048	-0.776	0.902	0.992	HCER(26:0)	Sphingolipids	Hexosylceram ide
AL	Fasting insulin	id_141	0.002	-0.028	0.033	0.894	0.035	-0.139	0.207	0.704	0.037	-0.142	0.209	0.684	0.051	-1.379	1.391	0.914	LCER(14:0)	Sphingolipids	Lactosylcera mide
AL	Fasting insulin	id_142	-0.005	-0.042	0.037	0.744	0.042	-0.143	0.22	0.638	0.037	-0.148	0.218	0.664	-0.145	-2.796	1.639	0.984	LCER(16:0)	Sphingolipids	Lactosylcera mide
AL	Fasting insulin	id_144	0	-0.021	0.022	0.924	0.037	-0.136	0.226	0.662	0.037	-0.135	0.229	0.668	-0.002	-1.438	0.869	0.968	LCER(18:1)	Sphingolipids	Lactosylcera mide

AL	Fasting insulin	id_145	-0.003	-0.034	0.017	0.792	0.04	-0.136	0.232	0.726	0.037	-0.14	0.22	0.754	-0.092	-1.035	1.16	0.986	LCER(20:0)	Sphingolipids	Lactosylcera mide
AL	Fasting insulin	id_146	0	-0.017	0.018	0.992	0.037	-0.136	0.217	0.666	0.037	-0.134	0.216	0.664	0.001	-0.702	0.632	0.996	LCER(20:1)	Sphingolipids	Lactosylcera mide
AL	Fasting insulin	id_147	0.004	-0.026	0.04	0.756	0.032	-0.145	0.229	0.714	0.037	-0.137	0.238	0.682	0.12	-1.572	1.652	0.902	LCER(22:0)	Sphingolipids	Lactosylcera mide
AL	Fasting insulin	id_148	0	-0.016	0.02	0.962	0.036	-0.151	0.216	0.764	0.037	-0.138	0.217	0.758	0.009	-1.093	1.183	0.98	LCER(22:1)	Sphingolipids	Lactosylcera mide
AL	Fasting insulin	id_149	0.006	-0.044	0.065	0.792	0.03	-0.145	0.201	0.758	0.037	-0.14	0.214	0.69	0.176	-4.069	3.632	0.802	LCER(24:0)	Sphingolipids	Lactosylcera mide
AL	Fasting insulin	id_152	0.011	-0.017	0.056	0.496	0.026	-0.149	0.208	0.77	0.037	-0.137	0.217	0.67	0.298	-2.039	2.298	0.786	LCER(26:1)	Sphingolipids	Lactosylcera mide
AL	Fasting insulin	id_154	0.008	-0.018	0.05	0.566	0.029	-0.164	0.218	0.772	0.037	-0.153	0.225	0.722	0.226	-1.474	1.906	0.864	LPC(15:0)	Lysophosphatidy lcholine	LPC Ester
AL	Fasting insulin	id_157	-0.001	-0.056	0.057	0.976	0.038	-0.138	0.192	0.722	0.037	-0.142	0.206	0.716	-0.02	-2.249	4.587	0.744	LPC(17:0)	Lysophosphatidy lcholine	LPC Ester
AL	Fasting insulin	id_170	0.001	-0.021	0.026	0.932	0.036	-0.141	0.21	0.72	0.037	-0.141	0.216	0.696	0.014	-1.449	1.258	0.92	LPC(22:6)	Lysophosphatidy lcholine	LPC Ester
AL	Fasting insulin	id_181	0.008	-0.011	0.044	0.458	0.029	-0.157	0.203	0.84	0.037	-0.149	0.216	0.77	0.215	-1.739	1.623	0.884	LPE(20:4)	Lysophosphatidy lethanolamine	LPE Ester
AL	Fasting insulin	id_186	-0.003	-0.031	0.02	0.796	0.04	-0.141	0.234	0.702	0.037	-0.145	0.233	0.732	-0.082	-1.217	1.1	0.92	MAG(12:0)	MAG	Ester
AL	Fasting insulin	id_188	0.005	-0.023	0.037	0.762	0.032	-0.14	0.214	0.684	0.037	-0.134	0.22	0.656	0.141	-1.432	1.682	0.85	MAG(14:1)	MAG	Ester
AL	Fasting insulin	id_189	0.001	-0.013	0.03	0.8	0.036	-0.141	0.224	0.692	0.037	-0.132	0.224	0.662	0.032	-1.148	1.433	0.918	MAG(15:0)	MAG	Ester
AL	Fasting insulin	id_195	-0.001	-0.03	0.024	0.876	0.038	-0.124	0.225	0.664	0.037	-0.134	0.227	0.666	-0.024	-1.694	0.945	0.994	MAG(18:2)	MAG	Ester
AL	Fasting insulin	id_203	0	-0.016	0.013	0.99	0.037	-0.137	0.222	0.644	0.037	-0.14	0.222	0.642	0.005	-0.636	0.882	1	MAG(20:5)	MAG	Ester
AL	Fasting insulin	id_204	-0.013	-0.053	0.014	0.382	0.05	-0.143	0.222	0.62	0.037	-0.15	0.203	0.71	-0.352	-2.659	2.402	0.78	MAG(22:0)	MAG	Ester
AL	Fasting insulin	id_205	-0.003	-0.024	0.018	0.832	0.04	-0.137	0.231	0.71	0.037	-0.136	0.224	0.722	-0.092	-0.935	0.967	0.894	MAG(22:1)	MAG	Ester
AL	Fasting insulin	id_208	0	-0.023	0.016	0.996	0.037	-0.148	0.208	0.736	0.037	-0.149	0.209	0.736	-0.002	-0.714	0.815	0.992	MAG(22:5)	MAG	Ester
AL	Fasting insulin	id_209	-0.011	-0.047	0.023	0.522	0.048	-0.13	0.211	0.618	0.037	-0.136	0.208	0.726	-0.301	-2.494	2.196	0.872	MAG(22:6)	MAG	Ester
AL	Fasting insulin	id_228	0.002	-0.019	0.027	0.836	0.034	-0.13	0.21	0.688	0.037	-0.135	0.209	0.69	0.065	-1.193	1.311	0.898	PC(15:0/18:2)	Phosphatidylchol ine	PC Ester

AL	Fasting insulin	id_230	0.004	-0.035	0.049	0.83	0.033	-0.137	0.21	0.688	0.037	-0.135	0.217	0.668	0.096	-2.021	2.782	0.818	PC(15:0/20:4)	Phosphatidylchol ine	PC Ester
AL	Fasting insulin	id_241	0.005	-0.016	0.036	0.662	0.031	-0.137	0.232	0.766	0.037	-0.134	0.233	0.714	0.147	-1.368	1.683	0.972	PC(16:0/18:2)	Phosphatidylchol ine	PC Ester
AL	Fasting insulin	id_254	-0.001	-0.022	0.017	0.908	0.038	-0.152	0.231	0.72	0.037	-0.148	0.229	0.71	-0.028	-0.959	0.898	0.982	PC(17:0/18:2)	Phosphatidylchol ine	PC Ester
AL	Fasting insulin	id_257	0.003	-0.02	0.026	0.88	0.034	-0.139	0.211	0.684	0.037	-0.131	0.211	0.662	0.069	-1.019	1.124	0.938	PC(17:0/20:4)	Phosphatidylchol ine	PC Ester
AL	Fasting insulin	id_272	0.005	-0.032	0.042	0.76	0.032	-0.148	0.204	0.708	0.037	-0.138	0.208	0.676	0.128	-2.176	2.212	0.808	PC(18:0/20:4)	Phosphatidylchol ine	PC Ester
AL	Fasting insulin	id_279	-0.004	-0.04	0.033	0.828	0.041	-0.131	0.218	0.652	0.037	-0.131	0.217	0.682	-0.11	-1.854	1.769	0.974	PC(18:1/18:2)	Phosphatidylchol ine	PC Ester
AL	Fasting insulin	id_283	-0.018	-0.075	0.023	0.394	0.055	-0.125	0.219	0.548	0.037	-0.149	0.213	0.7	-0.486	-3.187	4.85	0.886	PC(18:1/20:3)	Phosphatidylchol ine	PC Ester
AL	Fasting insulin	id_284	0.001	-0.026	0.026	0.946	0.036	-0.15	0.229	0.666	0.037	-0.15	0.226	0.676	0.018	-1.317	1.484	0.994	PC(18:1/20:4)	Phosphatidylchol ine	PC Ester
AL	Fasting insulin	id_289	-0.001	-0.028	0.02	0.95	0.038	-0.145	0.235	0.714	0.037	-0.152	0.228	0.73	-0.021	-1.298	1.28	0.996	PC(18:2/16:1)	Phosphatidyleth anolamine	PC Ester
AL	insulin	id_354	-0.017	-0.066	0.027	0.446	0.054	-0.124	0.235	0.572	0.037	-0.148	0.225	0.708	-0.468	-2.788	2.807	0.918	PE(18:1/22:0)	Phosphatidyleth anolamine	PE Ester
AL	Fasting insulin	id_386	-0.006	-0.042	0.019	0.618	0.043	-0.135	0.229	0.656	0.037	-0.144	0.22	0.72	-0.168	-1.903	1.42	0.934	PE(P- 16:0/18:1)	Phosphatidyleth anolamine	PE Plasmalogen
AL	Fasting insulin	id_398	0.003	-0.036	0.04	0.89	0.033	-0.132	0.223	0.642	0.037	-0.137	0.223	0.646	0.092	-2.808	2.359	0.8	PE(P- 18:0/16:0)	Phosphatidyleth anolamine	PE Plasmalogen
AL	Fasting insulin	id_405	-0.007	-0.048	0.033	0.776	0.043	-0.133	0.227	0.678	0.037	-0.143	0.222	0.74	-0.179	-1.815	2.355	0.956	PE(P- 18:0/20:3)	Phosphatidyleth anolamine	PE Plasmalogen
AL	Fasting insulin	id_414	-0.001	-0.027	0.015	0.848	0.038	-0.127	0.218	0.678	0.037	-0.128	0.218	0.696	-0.02	-0.992	1.224	0.944	PE(P- 18:1/18:1)	Phosphatidyleth anolamine	PE Plasmalogen
AL	Fasting insulin	id_448	0.001	-0.032	0.042	0.994	0.036	-0.159	0.23	0.716	0.037	-0.148	0.232	0.716	0.015	-2.051	2.035	0.906	SM(14:0)	Sphingolipids	Sphingomyeli n
AL	Fasting insulin	id_449	0	-0.017	0.016	0.91	0.037	-0.146	0.23	0.672	0.037	-0.146	0.23	0.672	0.006	-0.583	0.67	0.966	SM(16:0)	Sphingolipids	Sphingomyeli n
AL	Fasting insulin	id_450	-0.002	-0.05	0.036	0.84	0.039	-0.135	0.238	0.742	0.037	-0.139	0.231	0.776	-0.049	-2.511	2.468	0.932	SM(18:0)	Sphingolipids	Sphingomyeli n
AL	Fasting insulin	id_451	0.003	-0.037	0.04	0.87	0.034	-0.144	0.211	0.746	0.037	-0.141	0.219	0.712	0.077	-2.591	2.786	0.822	SM(18:1)	Sphingolipids	Sphingomyeli n

AL	Fasting insulin	id_452	0.008	-0.021	0.052	0.59	0.029	-0.151	0.208	0.748	0.037	-0.14	0.218	0.676	0.226	-1.407	2.551	0.806	SM(20:0)	Sphingolipids	Sphingomyelin
AL	Fasting insulin	id_453	0.004	-0.042	0.044	0.818	0.033	-0.142	0.21	0.776	0.037	-0.14	0.221	0.76	0.113	-2.929	3.262	0.822	SM(20:1)	Sphingolipids	Sphingomyelin
AL	Fasting insulin	id_454	0.004	-0.023	0.035	0.746	0.033	-0.151	0.229	0.738	0.037	-0.144	0.232	0.696	0.109	-1.729	1.3	0.89	SM(22:0)	Sphingolipids	Sphingomyelin
AL	Fasting insulin	id_455	0.017	-0.017	0.062	0.356	0.02	-0.166	0.197	0.874	0.037	-0.154	0.207	0.706	0.466	-2.783	2.85	0.75	SM(22:1)	Sphingolipids	Sphingomyelin
AL	Fasting insulin	id_456	0.006	-0.028	0.042	0.702	0.03	-0.141	0.21	0.684	0.037	-0.134	0.219	0.646	0.176	-2.694	1.728	0.74	SM(24:0)	Sphingolipids	Sphingomyelin
AL	Fasting insulin	id_457	0.006	-0.018	0.035	0.628	0.031	-0.154	0.226	0.716	0.037	-0.138	0.227	0.67	0.154	-1.655	1.76	0.878	SM(24:1)	Sphingolipids	Sphingomyelin
AL	Fasting insulin	id_458	0	-0.022	0.025	0.884	0.036	-0.14	0.208	0.666	0.037	-0.136	0.207	0.662	0.012	-1.06	1.236	0.89	SM(26:0)	Sphingolipids	Sphingomyelin
AL	Fasting insulin	id_459	0	-0.016	0.013	0.976	0.037	-0.13	0.223	0.664	0.037	-0.127	0.222	0.682	-0.01	-0.855	0.736	0.978	SM(26:1)	Sphingolipids	Sphingomyelin
AL	Fasting insulin	id_660	-0.023	-0.083	0.047	0.456	0.06	-0.11	0.234	0.53	0.037	-0.143	0.225	0.67	-0.627	-4.312	4.114	0.986	FA16:0 TAG51:3-	Triacylglycerol	TAG Ester
AL	Fasting insulin	id_663	-0.01	-0.059	0.037	0.72	0.047	-0.134	0.21	0.634	0.037	-0.152	0.212	0.706	-0.271	-3.521	2.536	0.986	FA18:1 TAG51:3-	Triacylglycerol	TAG Ester
AL	Fasting insulin	id_667	-0.013	-0.068	0.054	0.7	0.05	-0.126	0.222	0.606	0.037	-0.142	0.223	0.658	-0.364	-4.271	3.643	0.958	FA16:0 TAG51:4-	Triacylglycerol	TAG Ester
AL	Fasting insulin	id_755	0.029	-0.018	0.091	0.2	0.008	-0.163	0.178	0.916	0.037	-0.141	0.23	0.648	0.79	-5.691	5.681	0.652	FA18:0 TAG53:3-	Triacylglycerol	TAG Ester
AL	Fasting insulin	id_760	-0.011	-0.055	0.022	0.468	0.048	-0.121	0.222	0.66	0.037	-0.133	0.217	0.754	-0.3	-2.096	3.134	0.958	FA18:0 TAG53:4-	Triacylglycerol	TAG Ester
AL	Fasting insulin	id_761	-0.004	-0.058	0.049	0.884	0.041	-0.14	0.22	0.638	0.037	-0.153	0.228	0.662	-0.115	-2.878	2.245	0.906	FA18:1 TAG53:4-	Triacylglycerol	TAG Ester
AL	Fasting insulin	id_765	0.014	-0.04	0.065	0.622	0.023	-0.145	0.201	0.72	0.037	-0.14	0.211	0.644	0.373	-3.208	3.404	0.702	FA18:1 TAG53:5-	Triacylglycerol	TAG Ester
AL	Fasting insulin	id_766	-0.003	-0.052	0.046	0.878	0.04	-0.141	0.206	0.726	0.037	-0.155	0.211	0.726	-0.093	-3.549	3.335	0.872	FA18:2 TAG53:5-	Triacylglycerol	TAG Ester
AL	Fasting insulin	id_769	0.003	-0.045	0.047	0.934	0.034	-0.139	0.209	0.706	0.037	-0.142	0.213	0.688	0.073	-3.002	2.235	0.858	FA18:1 TAG53:6-	Triacylglycerol	TAG Ester
AL	Fasting insulin	id_770	0.01	-0.037	0.06	0.68	0.026	-0.143	0.225	0.76	0.037	-0.142	0.234	0.668	0.284	-2.946	2.14	0.76	FA18:2 TAG53:6-	Triacylglycerol	TAG Ester
AL	Fasting insulin	id_771	-0.002	-0.056	0.051	0.9	0.039	-0.127	0.223	0.644	0.037	-0.133	0.218	0.64	-0.059	-3.218	3.628	0.904	FA18:3 TAG53:6-	Triacylglycerol	TAG Ester
AL	Fasting insulin	id_773	-0.009	-0.046	0.029	0.622	0.046	-0.132	0.233	0.658	0.037	-0.134	0.219	0.714	-0.246	-2.793	2.633	0.948	FA18:3 TAG53:7-	Triacylglycerol	TAG Ester

AL	Fasting insulin	id_856	0.002	-0.043	0.053	0.942	0.035	-0.138	0.203	0.712	0.037	-0.145	0.212	0.692	0.042	-5.389	2.273	0.806	TAG55:6- FA18:1	Triacylglycerol	TAG Ester
AL	Fasting insulin	id_857	-0.001	-0.031	0.038	0.972	0.038	-0.14	0.212	0.662	0.037	-0.14	0.214	0.674	-0.023	-1.326	1.538	0.85	TAG55:6- FA20:3	Triacylglycerol	TAG Ester
AL	Fasting insulin	id_860	-0.006	-0.064	0.045	0.824	0.043	-0.112	0.233	0.602	0.037	-0.127	0.228	0.672	-0.161	-2.623	3.285	0.916	TAG55:7- FA18:1	Triacylglycerol	TAG Ester
AL	Fasting insulin	id_861	0.009	-0.038	0.075	0.75	0.027	-0.142	0.207	0.782	0.037	-0.144	0.218	0.686	0.254	-2.722	3.167	0.776	TAG55:7- FA20:3	Triacylglycerol	TAG Ester
AL	Fasting insulin	id_862	-0.007	-0.049	0.043	0.782	0.044	-0.124	0.229	0.61	0.037	-0.14	0.228	0.636	-0.191	-3.194	2.735	0.95	TAG55:7- FA20:4	Triacylglycerol	TAG Ester
AL	Fasting insulin	id_864	0.014	-0.05	0.08	0.64	0.023	-0.14	0.189	0.758	0.037	-0.138	0.212	0.652	0.387	-3.443	3.726	0.72	TAG55:8- FA20:4	Triacylglycerol	TAG Ester
AL	Fasting insulin	id_939	0.003	-0.036	0.054	0.884	0.034	-0.145	0.207	0.746	0.037	-0.139	0.206	0.718	0.084	-2.465	2.673	0.87	TAG57:9- FA22:6	Triacylglycerol	TAG Ester
AL	Fasting insulin	id_978	0.002	-0.046	0.049	0.876	0.035	-0.132	0.211	0.688	0.037	-0.13	0.222	0.678	0.059	-2.72	2.642	0.85	Total CE	Neutral Complex Lipids SUM	Cholesteryl Esters
AL	Fasting insulin	id_979	0	-0.046	0.041	0.99	0.037	-0.159	0.223	0.664	0.037	-0.157	0.226	0.678	0.009	-1.798	2.469	0.856	Total CER	Sphingolipid SUM	Ceramides
AL	Fasting insulin	id_981	0.003	-0.045	0.055	0.942	0.034	-0.133	0.204	0.718	0.037	-0.138	0.215	0.696	0.074	-2.379	2.307	0.85	Total DCER	Sphingolipid SUM	Dihydroceram ides
AL	Fasting insulin	id_982	0.004	-0.032	0.046	0.814	0.033	-0.141	0.214	0.714	0.037	-0.139	0.234	0.692	0.113	-2.319	1.904	0.854	Total HCER	Sphingolipid SUM	Hexosylceram ides
AL	Fasting insulin	id_983	-0.003	-0.044	0.038	0.87	0.04	-0.133	0.195	0.67	0.037	-0.139	0.195	0.696	-0.084	-3.503	2.949	0.978	Total LCER	Sphingolipid SUM	Lactosylcera mides
AL	Fasting insulin	id_987	0.004	-0.037	0.045	0.81	0.033	-0.149	0.221	0.772	0.037	-0.15	0.227	0.738	0.11	-2.124	2.095	0.796	Total PC	Phospholipid SUM	Phosphatidylc holines
AL	Fasting insulin	id_990	0.004	-0.025	0.037	0.78	0.032	-0.141	0.219	0.728	0.037	-0.138	0.221	0.688	0.119	-2.12	2.135	0.856	Total SM	Sphingolipid SUM	Sphingomyeli ns
AL	Fasting insulin	id_039	0.002	-0.013	0.021	0.822	0.035	-0.133	0.208	0.666	0.037	-0.129	0.207	0.656	0.059	-0.792	1.219	0.962	CE(22:1) DAG(12:0/18:	Cholesterol Ester	CE Ester
AL	Fasting insulin	id_060	0.009	-0.037	0.041	0.56	0.028	-0.148	0.216	0.758	0.037	-0.142	0.222	0.722	0.244	-2.815	2.101	0.762	1)	Diacylglycerol	DAG Ester
AL	Fasting insulin	id_071	-0.008	-0.046	0.038	0.67	0.045	-0.145	0.23	0.638	0.037	-0.142	0.223	0.672	-0.229	-2.129	1.49	0.958	DAG(14:1/16: 0)	Diacylglycerol	DAG Ester
AL	Fasting insulin	id_072	-0.001	-0.018	0.025	0.96	0.038	-0.154	0.227	0.78	0.037	-0.15	0.227	0.768	-0.031	-0.973	0.829	0.996	DAG(14:1/18: 1)	Diacylglycerol	DAG Ester
AL	Fasting insulin	id_150	-0.002	-0.051	0.057	0.904	0.039	-0.125	0.223	0.582	0.037	-0.14	0.231	0.608	-0.062	-3.382	3.229	0.912	LCER(24:1)	Sphingolipids	Lactosylcera mide
AL	Fasting insulin	id_151	-0.006	-0.051	0.021	0.618	0.043	-0.13	0.227	0.62	0.037	-0.134	0.22	0.686	-0.17	-2.519	2.098	0.88	LCER(26:0)	Sphingolipids	Lactosylcera mide

AL	Fasting insulin	id_160	-0.007	-0.073	0.06	0.842	0.044	-0.131	0.217	0.602	0.037	-0.147	0.216	0.706	-0.202	-4.422	4.022	0.84	LPC(18:2)	Lysophosphatidylcholine	LPC Ester
AL	Fasting insulin	id_196	-0.009	-0.052	0.032	0.654	0.046	-0.118	0.213	0.6	0.037	-0.133	0.213	0.698	-0.256	-3.602	3.798	0.948	MAG(18:3)	MAG	Ester
AL	Fasting insulin	id_199	-0.003	-0.027	0.015	0.816	0.04	-0.132	0.229	0.722	0.037	-0.138	0.226	0.738	-0.082	-1.209	1.114	0.866	MAG(20:1)	MAG	Ester
AL	Fasting insulin	id_200	-0.004	-0.04	0.021	0.774	0.04	-0.127	0.22	0.63	0.037	-0.137	0.211	0.678	-0.097	-1.306	1.409	0.98	MAG(20:2)	MAG	Ester
AL	Fasting insulin	id_201	-0.004	-0.04	0.035	0.804	0.041	-0.133	0.229	0.66	0.037	-0.143	0.218	0.666	-0.116	-1.71	2.179	0.994	MAG(20:3)	MAG	Ester
AL	Fasting insulin	id_251	0.002	-0.021	0.038	0.802	0.034	-0.155	0.228	0.82	0.037	-0.148	0.226	0.806	0.065	-2.107	1.439	0.98	PC(16:0/22:6)	Phosphatidylcholine	PC Ester
AL	Fasting insulin	id_288	-0.003	-0.027	0.02	0.886	0.04	-0.14	0.235	0.648	0.037	-0.14	0.226	0.654	-0.082	-1.229	1.082	0.98	PC(18:1/22:6)	Phosphatidylcholine	PC Ester
AL	Fasting insulin	id_293	0.006	-0.015	0.045	0.604	0.031	-0.136	0.207	0.762	0.037	-0.132	0.221	0.708	0.158	-1.719	1.307	0.832	PC(18:2/20:2)	Phosphatidylcholine	PC Ester
AL	Fasting insulin	id_298	-0.007	-0.052	0.019	0.632	0.044	-0.134	0.226	0.66	0.037	-0.136	0.215	0.69	-0.193	-1.739	1.617	0.782	PC(18:2/22:5)	Phosphatidylcholine	PC Ester
AL	Fasting insulin	id_332	0.027	-0.033	0.084	0.374	0.01	-0.175	0.187	0.932	0.037	-0.168	0.219	0.746	0.73	-5.334	4.635	0.748	PE(18:0/18:0)	Phosphatidylethanolamine	PE Ester
AL	Fasting insulin	id_359	0.013	-0.02	0.043	0.412	0.024	-0.148	0.208	0.8	0.037	-0.14	0.22	0.714	0.351	-2.554	2.409	0.822	PE(18:2/16:1)	Phosphatidylethanolamine	PE Ester
AL	Fasting insulin	id_366	0.004	-0.03	0.028	0.812	0.033	-0.135	0.212	0.692	0.037	-0.134	0.217	0.684	0.095	-1.906	1.754	0.88	PE(O-16:0/18:2)	Phosphatidylethanolamine	PE Ether
AL	Fasting insulin	id_368	-0.001	-0.037	0.036	0.98	0.038	-0.139	0.217	0.67	0.037	-0.145	0.224	0.7	-0.023	-1.677	2.022	0.864	PE(O-16:0/20:4)	Phosphatidylethanolamine	PE Ether
AL	Fasting insulin	id_372	-0.004	-0.033	0.012	0.674	0.041	-0.136	0.225	0.66	0.037	-0.145	0.221	0.694	-0.119	-1.2	1.869	0.968	PE(O-16:0/22:6)	Phosphatidylethanolamine	PE Ether
AL	Fasting insulin	id_378	-0.001	-0.038	0.03	0.936	0.038	-0.135	0.209	0.642	0.037	-0.142	0.212	0.662	-0.019	-1.459	1.52	0.914	PE(O-18:0/20:4)	Phosphatidylethanolamine	PE Ether
AL	Fasting insulin	id_381	0	-0.021	0.025	0.96	0.036	-0.142	0.211	0.756	0.037	-0.143	0.215	0.756	0.013	-0.805	1.579	0.872	PE(O-18:0/22:5)	Phosphatidylethanolamine	PE Ether
AL	Fasting insulin	id_382	0.005	-0.016	0.039	0.674	0.032	-0.151	0.203	0.764	0.037	-0.142	0.209	0.708	0.143	-1.472	1.214	0.89	PE(O-18:0/22:6)	Phosphatidylethanolamine	PE Ether
AL	Fasting insulin	id_387	0	-0.028	0.024	0.976	0.036	-0.143	0.236	0.72	0.037	-0.142	0.238	0.726	0.013	-1.456	1.259	0.978	PE(P-16:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen
AL	Fasting insulin	id_392	-0.014	-0.062	0.033	0.524	0.051	-0.127	0.221	0.578	0.037	-0.149	0.219	0.718	-0.384	-3.376	4.126	0.93	PE(P-16:0/20:4)	Phosphatidylethanolamine	PE Plasmalogen

AL	Fasting insulin	id_395	0.002	-0.039	0.043	0.904	0.035	-0.147	0.212	0.752	0.037	-0.153	0.215	0.742	0.056	-2.165	1.923	0.878	PE(P-16:0/22:5)	Phosphatidylethanolamine	PE Plasmalogen
AL	Fasting insulin	id_396	0.001	-0.043	0.033	0.932	0.036	-0.146	0.241	0.7	0.037	-0.149	0.242	0.72	0.025	-1.515	2.398	0.916	PE(P-16:0/22:6)	Phosphatidylethanolamine	PE Plasmalogen
AL	Fasting insulin	id_401	0.001	-0.028	0.026	0.968	0.036	-0.136	0.216	0.744	0.037	-0.131	0.216	0.746	0.016	-1.66	1.365	0.974	PE(P-18:0/18:1)	Phosphatidylethanolamine	PE Plasmalogen
AL	Fasting insulin	id_402	0.001	-0.022	0.021	0.952	0.036	-0.136	0.215	0.714	0.037	-0.133	0.215	0.714	0.034	-1.172	1.07	0.954	PE(P-18:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen
AL	Fasting insulin	id_406	-0.006	-0.057	0.041	0.758	0.043	-0.132	0.222	0.566	0.037	-0.149	0.211	0.632	-0.169	-2.667	2.501	0.962	PE(P-18:0/20:4)	Phosphatidylethanolamine	PE Plasmalogen
AL	Fasting insulin	id_409	-0.005	-0.054	0.025	0.742	0.042	-0.127	0.218	0.652	0.037	-0.139	0.207	0.7	-0.145	-2.367	1.962	0.986	PE(P-18:0/22:5)	Phosphatidylethanolamine	PE Plasmalogen
AL	Fasting insulin	id_410	0.003	-0.022	0.026	0.87	0.034	-0.148	0.219	0.708	0.037	-0.145	0.22	0.702	0.084	-1.809	1.49	0.988	PE(P-18:0/22:6)	Phosphatidylethanolamine	PE Plasmalogen
AL	Fasting insulin	id_411	0.008	-0.03	0.049	0.684	0.029	-0.152	0.2	0.796	0.037	-0.143	0.208	0.726	0.225	-2.656	2.503	0.838	PE(P-18:1/16:0)	Phosphatidylethanolamine	PE Plasmalogen
AL	Fasting insulin	id_415	-0.001	-0.029	0.017	0.814	0.038	-0.136	0.222	0.734	0.037	-0.136	0.22	0.73	-0.031	-1.14	0.969	0.984	PE(P-18:1/18:2)	Phosphatidylethanolamine	PE Plasmalogen
AL	Fasting insulin	id_419	-0.017	-0.075	0.029	0.48	0.054	-0.128	0.222	0.596	0.037	-0.146	0.228	0.736	-0.475	-5.092	3.981	0.984	PE(P-18:1/20:4)	Phosphatidylethanolamine	PE Plasmalogen
AL	Fasting insulin	id_421	-0.021	-0.076	0.027	0.376	0.058	-0.118	0.247	0.592	0.037	-0.148	0.229	0.734	-0.58	-4.459	3.161	0.866	PE(P-18:1/22:4)	Phosphatidylethanolamine	PE Plasmalogen
AL	Fasting insulin	id_422	-0.004	-0.039	0.025	0.76	0.041	-0.132	0.233	0.646	0.037	-0.138	0.222	0.676	-0.111	-1.478	2.362	0.984	PE(P-18:1/22:5)	Phosphatidylethanolamine	PE Plasmalogen
AL	Fasting insulin	id_423	0	-0.034	0.025	0.918	0.037	-0.151	0.219	0.686	0.037	-0.154	0.217	0.694	-0.01	-1.655	1.067	0.964	PE(P-18:1/22:6)	Phosphatidylethanolamine	PE Plasmalogen

AL	Fasting insulin	id_424	-0.006	-0.042	0.017	0.612	0.043	-0.125	0.223	0.632	0.037	-0.137	0.217	0.7	-0.155	-1.56	1.81	0.992	PE(P- 18:2/18:2)	Phosphatidyleth anolamine	PE Plasmalogen
AL	Fasting insulin	id_425	-0.002	-0.045	0.032	0.894	0.039	-0.134	0.226	0.686	0.037	-0.137	0.227	0.742	-0.065	-1.802	1.983	0.916	PE(P- 18:2/20:4)	Phosphatidyleth anolamine	PE Plasmalogen
CR	TNF-a	id_023	-0.014	-0.037	0.001	0.064	-0.26	-0.359	-0.169	0	-0.274	-0.372	-0.184	0	0.051	-0.002	0.141	0.064	CE(15:0)	Cholesterol Ester	CE Ester
CR	TNF-a	id_024	-0.011	-0.027	0.001	0.078	-0.263	-0.357	-0.162	0	-0.274	-0.368	-0.176	0	0.039	-0.006	0.108	0.078	CE(16:0)	Cholesterol Ester	CE Ester
CR	TNF-a	id_026	-0.015	-0.041	0	0.054	-0.26	-0.363	-0.163	0	-0.274	-0.372	-0.184	0	0.053	-0.001	0.159	0.054	CE(17:0)	Cholesterol Ester	CE Ester
CR	TNF-a	id_027	-0.018	-0.046	-0.005	0.012	-0.256	-0.352	-0.158	0	-0.274	-0.372	-0.179	0	0.066	0.021	0.171	0.012	CE(18:0)	Cholesterol Ester	CE Ester
CR	TNF-a	id_028	-0.011	-0.024	0.001	0.068	-0.264	-0.361	-0.177	0	-0.274	-0.374	-0.186	0	0.039	-0.002	0.098	0.068	CE(18:1)	Cholesterol Ester	CE Ester
CR	TNF-a	id_029	-0.013	-0.033	-0.001	0.032	-0.262	-0.351	-0.164	0	-0.274	-0.369	-0.177	0	0.046	0.005	0.133	0.032	CE(18:2)	Cholesterol Ester	CE Ester
CR	TNF-a	id_033	-0.005	-0.015	0.005	0.31	-0.269	-0.366	-0.177	0	-0.274	-0.369	-0.18	0	0.02	-0.018	0.065	0.31	CE(20:1)	Cholesterol Ester	CE Ester
CR	TNF-a	id_034	-0.013	-0.032	0.002	0.072	-0.262	-0.362	-0.169	0	-0.274	-0.379	-0.183	0	0.046	-0.007	0.119	0.072	CE(20:2)	Cholesterol Ester	CE Ester
CR	TNF-a	id_035	-0.015	-0.035	-0.002	0.036	-0.259	-0.353	-0.166	0	-0.274	-0.375	-0.182	0	0.054	0.007	0.139	0.036	CE(20:3)	Cholesterol Ester	CE Ester
CR	TNF-a	id_036	-0.012	-0.029	0.004	0.122	-0.262	-0.359	-0.159	0	-0.274	-0.373	-0.174	0	0.043	-0.012	0.118	0.122	CE(20:4)	Cholesterol Ester	CE Ester
CR	TNF-a	id_041	-0.013	-0.032	0.001	0.078	-0.261	-0.352	-0.16	0	-0.274	-0.37	-0.173	0	0.048	-0.005	0.123	0.078	CE(22:4)	Cholesterol Ester	CE Ester
CR	TNF-a	id_042	-0.01	-0.025	0.001	0.102	-0.264	-0.363	-0.172	0	-0.274	-0.372	-0.184	0	0.038	-0.006	0.095	0.102	CE(22:5)	Cholesterol Ester	CE Ester
CR	TNF-a	id_043	-0.002	-0.013	0.004	0.628	-0.272	-0.366	-0.181	0	-0.274	-0.367	-0.183	0	0.006	-0.016	0.046	0.628	CE(22:6)	Cholesterol Ester	CE Ester
CR	TNF-a	id_044	-0.005	-0.019	0.003	0.262	-0.269	-0.36	-0.176	0	-0.274	-0.366	-0.181	0	0.019	-0.012	0.072	0.262	CE(24:0)	Cholesterol Ester	CE Ester
CR	TNF-a	id_045	-0.007	-0.019	0.002	0.174	-0.267	-0.37	-0.18	0	-0.274	-0.379	-0.188	0	0.025	-0.009	0.073	0.174	CE(24:1)	Cholesterol Ester	CE Ester
CR	TNF-a	id_046	-0.008	-0.02	0.015	0.348	-0.267	-0.367	-0.161	0	-0.274	-0.372	-0.172	0	0.028	-0.062	0.082	0.348	CER(14:0)	Sphingolipids	Ceramide
CR	TNF-a	id_047	-0.011	-0.026	-0.002	0.034	-0.263	-0.352	-0.167	0	-0.274	-0.366	-0.176	0	0.041	0.007	0.108	0.034	CER(16:0)	Sphingolipids	Ceramide
CR	TNF-a	id_048	-0.02	-0.048	0.004	0.088	-0.254	-0.347	-0.151	0	-0.274	-0.369	-0.172	0	0.072	-0.015	0.19	0.088	CER(18:0)	Sphingolipids	Ceramide
CR	TNF-a	id_049	-0.007	-0.027	0.012	0.418	-0.267	-0.362	-0.164	0	-0.274	-0.369	-0.177	0	0.025	-0.045	0.117	0.418	CER(18:1)	Sphingolipids	Ceramide

CR	TNF-a	id_050	-0.014	-0.038	0.007	0.138	-0.26	-0.363	-0.162	0	-0.274	-0.377	-0.176	0	0.05	-0.028	0.143	0.138	CER(20:0)	Sphingolipids	Ceramide
CR	TNF-a	id_051	-0.006	-0.021	0.03	0.62	-0.269	-0.366	-0.171	0	-0.274	-0.371	-0.176	0	0.02	-0.124	0.082	0.62	CER(20:1)	Sphingolipids	Ceramide
CR	TNF-a	id_052	-0.019	-0.045	-0.008	0.002	-0.255	-0.351	-0.16	0	-0.274	-0.372	-0.185	0	0.07	0.034	0.169	0.002	CER(22:0)	Sphingolipids	Ceramide
CR	TNF-a	id_053	-0.012	-0.03	0.026	0.326	-0.262	-0.364	-0.169	0	-0.274	-0.373	-0.186	0	0.043	-0.095	0.122	0.326	CER(22:1)	Sphingolipids	Ceramide
CR	TNF-a	id_054	-0.018	-0.042	-0.006	0.004	-0.256	-0.347	-0.161	0	-0.274	-0.371	-0.182	0	0.065	0.024	0.159	0.004	CER(24:0)	Sphingolipids	Ceramide
CR	TNF-a	id_055	-0.01	-0.024	0.002	0.084	-0.264	-0.358	-0.164	0	-0.274	-0.37	-0.171	0	0.037	-0.007	0.096	0.084	CER(24:1)	Sphingolipids	Ceramide
CR	TNF-a	id_057	-0.006	-0.02	0.002	0.204	-0.268	-0.367	-0.169	0	-0.274	-0.372	-0.178	0	0.021	-0.007	0.081	0.204	CER(26:1)	Sphingolipids	Ceramide
CR	TNF-a	id_116	0.002	-0.015	0.01	0.924	-0.276	-0.373	-0.176	0	-0.274	-0.367	-0.18	0	-0.006	-0.036	0.06	0.924	DCER(14:0)	Sphingolipids	Dihydroceramide
CR	TNF-a	id_117	-0.008	-0.02	0.002	0.114	-0.266	-0.364	-0.172	0	-0.274	-0.368	-0.183	0	0.029	-0.008	0.084	0.114	DCER(16:0)	Sphingolipids	Dihydroceramide
CR	TNF-a	id_118	-0.011	-0.027	0.003	0.11	-0.263	-0.358	-0.161	0	-0.274	-0.37	-0.172	0	0.04	-0.01	0.107	0.11	DCER(18:0)	Sphingolipids	Dihydroceramide
CR	TNF-a	id_119	-0.003	-0.012	0.008	0.602	-0.271	-0.369	-0.171	0	-0.274	-0.368	-0.176	0	0.01	-0.03	0.047	0.602	DCER(18:1)	Sphingolipids	Dihydroceramide
CR	TNF-a	id_120	-0.004	-0.014	0.009	0.454	-0.27	-0.365	-0.182	0	-0.274	-0.37	-0.186	0	0.014	-0.039	0.054	0.454	DCER(20:0)	Sphingolipids	Dihydroceramide
CR	TNF-a	id_121	-0.005	-0.017	0.016	0.494	-0.269	-0.364	-0.172	0	-0.274	-0.364	-0.179	0	0.018	-0.058	0.069	0.494	DCER(20:1)	Sphingolipids	Dihydroceramide
CR	TNF-a	id_122	-0.012	-0.034	0.007	0.138	-0.263	-0.364	-0.165	0	-0.274	-0.375	-0.18	0	0.042	-0.028	0.135	0.138	DCER(22:0)	Sphingolipids	Dihydroceramide
CR	TNF-a	id_123	-0.006	-0.018	0.031	0.524	-0.269	-0.367	-0.173	0	-0.274	-0.37	-0.181	0	0.02	-0.121	0.072	0.524	DCER(22:1)	Sphingolipids	Dihydroceramide
CR	TNF-a	id_124	-0.007	-0.025	0.01	0.368	-0.267	-0.365	-0.165	0	-0.274	-0.37	-0.18	0	0.027	-0.037	0.099	0.368	DCER(22:2)	Sphingolipids	Dihydroceramide
CR	TNF-a	id_125	-0.015	-0.037	-0.005	0.012	-0.259	-0.352	-0.154	0	-0.274	-0.369	-0.176	0	0.055	0.017	0.148	0.012	DCER(24:0)	Sphingolipids	Dihydroceramide
CR	TNF-a	id_126	-0.005	-0.015	0.017	0.526	-0.269	-0.36	-0.181	0	-0.274	-0.367	-0.184	0	0.018	-0.075	0.058	0.526	DCER(24:1)	Sphingolipids	Dihydroceramide
CR	TNF-a	id_128	-0.004	-0.014	0.006	0.424	-0.27	-0.37	-0.174	0	-0.274	-0.372	-0.177	0	0.014	-0.021	0.054	0.424	DCER(26:1)	Sphingolipids	Hexosylceramide
CR	TNF-a	id_129	-0.007	-0.021	0.002	0.16	-0.267	-0.361	-0.165	0	-0.274	-0.366	-0.18	0	0.027	-0.008	0.084	0.16	HCER(14:0)	Sphingolipids	Hexosylceramide
CR	TNF-a	id_130	-0.011	-0.027	0.004	0.118	-0.263	-0.363	-0.171	0	-0.274	-0.377	-0.181	0	0.039	-0.016	0.111	0.118	HCER(16:0)	Sphingolipids	Hexosylceramide
CR	TNF-a	id_131	-0.004	-0.014	0.003	0.338	-0.27	-0.363	-0.178	0	-0.274	-0.366	-0.181	0	0.014	-0.013	0.061	0.338	HCER(18:0)	Sphingolipids	Hexosylceramide
CR	TNF-a	id_132	-0.008	-0.021	0.01	0.256	-0.266	-0.368	-0.17	0	-0.274	-0.373	-0.175	0	0.029	-0.035	0.089	0.256	HCER(18:1)	Sphingolipids	Hexosylceramide

CR	TNF-a	id_133	-0.004	-0.015	0.014	0.622	-0.27	-0.358	-0.177	0	-0.274	-0.362	-0.177	0	0.013	-0.056	0.061	0.622	HCER(20:0)	Sphingolipids	Hexosylceramide
CR	TNF-a	id_134	-0.005	-0.019	0.008	0.426	-0.269	-0.364	-0.168	0	-0.274	-0.37	-0.175	0	0.019	-0.03	0.076	0.426	HCER(20:1)	Sphingolipids	Hexosylceramide
CR	TNF-a	id_135	-0.01	-0.026	0.008	0.216	-0.264	-0.361	-0.174	0	-0.274	-0.37	-0.18	0	0.036	-0.035	0.091	0.216	HCER(22:0)	Sphingolipids	Hexosylceramide
CR	TNF-a	id_136	-0.008	-0.024	0.009	0.282	-0.266	-0.366	-0.169	0	-0.274	-0.375	-0.182	0	0.03	-0.034	0.091	0.282	HCER(22:1)	Sphingolipids	Hexosylceramide
CR	TNF-a	id_137	-0.005	-0.021	0.022	0.62	-0.269	-0.364	-0.172	0	-0.274	-0.373	-0.175	0	0.02	-0.086	0.074	0.62	HCER(24:0)	Sphingolipids	Hexosylceramide
CR	TNF-a	id_138	0	-0.011	0.011	0.974	-0.275	-0.364	-0.171	0	-0.274	-0.367	-0.171	0	-0.002	-0.042	0.044	0.974	HCER(24:1)	Sphingolipids	Hexosylceramide
CR	TNF-a	id_139	-0.001	-0.011	0.006	0.62	-0.273	-0.365	-0.18	0	-0.274	-0.364	-0.183	0	0.004	-0.023	0.041	0.62	HCER(26:0)	Sphingolipids	Hexosylceramide
CR	TNF-a	id_141	0	-0.011	0.006	0.906	-0.275	-0.363	-0.181	0	-0.274	-0.365	-0.181	0	-0.001	-0.022	0.041	0.906	LCER(14:0)	Sphingolipids	Lactosylceramide
CR	TNF-a	id_142	-0.002	-0.022	0.007	0.642	-0.272	-0.366	-0.18	0	-0.274	-0.368	-0.183	0	0.009	-0.027	0.086	0.642	LCER(16:0)	Sphingolipids	Lactosylceramide
CR	TNF-a	id_144	0	-0.009	0.005	0.718	-0.274	-0.372	-0.184	0	-0.274	-0.372	-0.185	0	0.001	-0.018	0.035	0.718	LCER(18:1)	Sphingolipids	Lactosylceramide
CR	TNF-a	id_145	0.003	-0.007	0.017	0.588	-0.277	-0.373	-0.187	0	-0.274	-0.37	-0.181	0	-0.01	-0.07	0.027	0.588	LCER(20:0)	Sphingolipids	Lactosylceramide
CR	TNF-a	id_146	0	-0.008	0.006	0.792	-0.274	-0.371	-0.167	0	-0.274	-0.372	-0.168	0	0.001	-0.024	0.03	0.792	LCER(20:1)	Sphingolipids	Lactosylceramide
CR	TNF-a	id_147	0.003	-0.015	0.018	0.728	-0.277	-0.368	-0.182	0	-0.274	-0.363	-0.18	0	-0.011	-0.077	0.057	0.728	LCER(22:0)	Sphingolipids	Lactosylceramide
CR	TNF-a	id_148	0.002	-0.015	0.014	0.858	-0.276	-0.366	-0.181	0	-0.274	-0.368	-0.178	0	-0.006	-0.059	0.055	0.858	LCER(22:1)	Sphingolipids	Lactosylceramide
CR	TNF-a	id_149	-0.006	-0.027	0.003	0.294	-0.268	-0.364	-0.173	0	-0.274	-0.368	-0.183	0	0.022	-0.011	0.111	0.294	LCER(24:0)	Sphingolipids	Lactosylceramide
CR	TNF-a	id_152	-0.003	-0.022	0.005	0.512	-0.272	-0.368	-0.184	0	-0.274	-0.372	-0.186	0	0.009	-0.018	0.078	0.512	LCER(26:1)	Sphingolipids	Lactosylceramide
CR	TNF-a	id_154	-0.007	-0.018	0.006	0.204	-0.267	-0.359	-0.168	0	-0.274	-0.365	-0.177	0	0.025	-0.022	0.069	0.204	LPC(15:0)	Lysophosphatidylcholine	LPC Ester
CR	TNF-a	id_157	-0.009	-0.024	0.002	0.11	-0.265	-0.362	-0.175	0	-0.274	-0.372	-0.181	0	0.034	-0.007	0.091	0.11	LPC(17:0)	Lysophosphatidylcholine	LPC Ester
CR	TNF-a	id_170	0	-0.009	0.007	0.84	-0.274	-0.369	-0.18	0	-0.274	-0.37	-0.181	0	0.001	-0.026	0.035	0.84	LPC(22:6)	Lysophosphatidylcholine	LPC Ester
CR	TNF-a	id_181	-0.003	-0.013	0.009	0.598	-0.271	-0.366	-0.18	0	-0.274	-0.366	-0.182	0	0.01	-0.03	0.051	0.598	LPE(20:4)	Lysophosphatidylethanolamine	LPE Ester

CR	TNF-a	id_186	-0.004	-0.016	0.005	0.416	-0.27	-0.363	-0.178	0	-0.274	-0.369	-0.181	0	0.013	-0.02	0.061	0.416	MAG(12:0)	MAG	Ester
CR	TNF-a	id_188	0	-0.009	0.003	0.928	-0.274	-0.375	-0.182	0	-0.274	-0.374	-0.183	0	0.002	-0.012	0.032	0.928	MAG(14:1)	MAG	Ester
CR	TNF-a	id_189	-0.002	-0.016	0.005	0.538	-0.272	-0.368	-0.166	0	-0.274	-0.37	-0.173	0	0.008	-0.02	0.061	0.538	MAG(15:0)	MAG	Ester
CR	TNF-a	id_195	-0.008	-0.02	0.001	0.09	-0.266	-0.366	-0.168	0	-0.274	-0.372	-0.175	0	0.029	-0.004	0.085	0.09	MAG(18:2)	MAG	Ester
CR	TNF-a	id_203	0.001	-0.008	0.017	0.992	-0.275	-0.375	-0.188	0	-0.274	-0.368	-0.186	0	-0.002	-0.063	0.031	0.992	MAG(20:5)	MAG	Ester
CR	TNF-a	id_204	-0.007	-0.021	0.006	0.26	-0.267	-0.361	-0.172	0	-0.274	-0.368	-0.18	0	0.025	-0.025	0.078	0.26	MAG(22:0)	MAG	Ester
CR	TNF-a	id_205	-0.003	-0.013	0.007	0.42	-0.271	-0.371	-0.179	0	-0.274	-0.376	-0.183	0	0.012	-0.025	0.051	0.42	MAG(22:1)	MAG	Ester
CR	TNF-a	id_208	-0.006	-0.018	0.005	0.26	-0.268	-0.364	-0.17	0	-0.274	-0.372	-0.176	0	0.021	-0.018	0.072	0.26	MAG(22:5)	MAG	Ester
CR	TNF-a	id_209	-0.005	-0.016	0.011	0.52	-0.27	-0.373	-0.176	0	-0.274	-0.374	-0.182	0	0.017	-0.047	0.06	0.52	MAG(22:6)	MAG	Ester
																			Phosphatidylchol		
CR	TNF-a	id_228	-0.001	-0.014	0.016	0.888	-0.273	-0.381	-0.174	0	-0.274	-0.38	-0.179	0	0.005	-0.061	0.056	0.888	PC(15:0/18:2)	ine	PC Ester
																			Phosphatidylchol		
CR	TNF-a	id_230	-0.006	-0.019	0.004	0.308	-0.269	-0.367	-0.17	0	-0.274	-0.374	-0.178	0	0.02	-0.017	0.074	0.308	PC(15:0/20:4)	ine	PC Ester
																			Phosphatidylchol		
CR	TNF-a	id_241	-0.001	-0.011	0.012	0.8	-0.273	-0.367	-0.173	0	-0.274	-0.369	-0.175	0	0.004	-0.047	0.044	0.8	PC(16:0/18:2)	ine	PC Ester
																			Phosphatidylchol		
CR	TNF-a	id_254	-0.001	-0.01	0.007	0.672	-0.273	-0.364	-0.174	0	-0.274	-0.366	-0.175	0	0.004	-0.028	0.042	0.672	PC(17:0/18:2)	ine	PC Ester
																			Phosphatidylchol		
CR	TNF-a	id_257	-0.005	-0.019	0.012	0.49	-0.269	-0.365	-0.182	0	-0.274	-0.366	-0.183	0	0.02	-0.049	0.077	0.49	PC(17:0/20:4)	ine	PC Ester
																			Phosphatidylchol		
CR	TNF-a	id_272	-0.008	-0.024	0.013	0.402	-0.266	-0.358	-0.172	0	-0.274	-0.365	-0.181	0	0.031	-0.048	0.092	0.402	PC(18:0/20:4)	ine	PC Ester
																			Phosphatidylchol		
CR	TNF-a	id_279	0.001	-0.009	0.013	0.87	-0.275	-0.37	-0.173	0	-0.274	-0.37	-0.172	0	-0.005	-0.05	0.036	0.87	PC(18:1/18:2)	ine	PC Ester
																			Phosphatidylchol		
CR	TNF-a	id_283	-0.011	-0.028	0.012	0.246	-0.263	-0.366	-0.167	0	-0.274	-0.375	-0.174	0	0.04	-0.051	0.106	0.246	PC(18:1/20:3)	ine	PC Ester
																			Phosphatidylchol		
CR	TNF-a	id_284	-0.003	-0.018	0.019	0.828	-0.271	-0.377	-0.171	0	-0.274	-0.377	-0.182	0	0.01	-0.07	0.078	0.828	PC(18:1/20:4)	ine	PC Ester
																			Phosphatidylchol		
CR	TNF-a	id_289	0.003	-0.01	0.033	0.624	-0.277	-0.387	-0.183	0	-0.274	-0.377	-0.176	0	-0.012	-0.138	0.04	0.624	PC(18:2/16:1)	ine	PC Ester
																			Phosphatidyleth		
CR	TNF-a	id_354	0.002	-0.018	0.01	0.856	-0.276	-0.377	-0.179	0	-0.274	-0.375	-0.18	0	-0.007	-0.04	0.066	0.856	PE(18:1/22:0)	anolamine	PE Ester
																		PE(P-	Phosphatidyleth	PE	
CR	TNF-a	id_386	0.001	-0.014	0.026	0.924	-0.275	-0.376	-0.181	0	-0.274	-0.372	-0.178	0	-0.004	-0.104	0.051	0.924	16:0/18:1)	anolamine	Plasmalogen
																		PE(P-	Phosphatidyleth	PE	
CR	TNF-a	id_398	-0.002	-0.013	0.016	0.728	-0.272	-0.365	-0.184	0	-0.274	-0.37	-0.185	0	0.008	-0.058	0.049	0.728	18:0/16:0)	anolamine	Plasmalogen

CR	TNF-a	id_405	-0.005	-0.022	0.021	0.66	-0.27	-0.364	-0.165	0	-0.274	-0.367	-0.176	0	0.017	-0.084	0.09	0.66	PE(P-18:0/20:3)	Phosphatidylethanolamine	PE Plasmalogen
CR	TNF-a	id_414	0.001	-0.008	0.011	0.864	-0.275	-0.375	-0.178	0	-0.274	-0.373	-0.175	0	-0.004	-0.046	0.031	0.864	PE(P-18:1/18:1)	Phosphatidylethanolamine	PE Plasmalogen
CR	TNF-a	id_448	-0.006	-0.019	0.013	0.396	-0.268	-0.362	-0.173	0	-0.274	-0.367	-0.177	0	0.022	-0.055	0.071	0.396	SM(14:0)	Sphingolipids	Sphingomyelin
CR	TNF-a	id_449	-0.004	-0.012	0.007	0.432	-0.271	-0.372	-0.176	0	-0.274	-0.376	-0.182	0	0.013	-0.027	0.05	0.432	SM(16:0)	Sphingolipids	Sphingomyelin
CR	TNF-a	id_450	-0.004	-0.017	0.018	0.678	-0.271	-0.377	-0.179	0	-0.274	-0.376	-0.18	0	0.013	-0.078	0.068	0.678	SM(18:0)	Sphingolipids	Sphingomyelin
CR	TNF-a	id_451	-0.003	-0.021	0.025	0.792	-0.271	-0.37	-0.178	0	-0.274	-0.372	-0.182	0	0.012	-0.097	0.084	0.792	SM(18:1)	Sphingolipids	Sphingomyelin
CR	TNF-a	id_452	0	-0.01	0.021	0.982	-0.274	-0.38	-0.18	0	-0.274	-0.375	-0.183	0	0.001	-0.078	0.041	0.982	SM(20:0)	Sphingolipids	Sphingomyelin
CR	TNF-a	id_453	-0.004	-0.017	0.016	0.638	-0.271	-0.368	-0.17	0	-0.274	-0.371	-0.176	0	0.013	-0.063	0.065	0.638	SM(20:1)	Sphingolipids	Sphingomyelin
CR	TNF-a	id_454	-0.002	-0.013	0.017	0.874	-0.272	-0.367	-0.172	0	-0.274	-0.367	-0.175	0	0.007	-0.07	0.05	0.874	SM(22:0)	Sphingolipids	Sphingomyelin
CR	TNF-a	id_455	-0.003	-0.013	0.019	0.72	-0.271	-0.369	-0.178	0	-0.274	-0.368	-0.178	0	0.01	-0.071	0.054	0.72	SM(22:1)	Sphingolipids	Sphingomyelin
CR	TNF-a	id_456	-0.009	-0.022	0.002	0.14	-0.266	-0.359	-0.173	0	-0.274	-0.367	-0.178	0	0.031	-0.009	0.089	0.14	SM(24:0)	Sphingolipids	Sphingomyelin
CR	TNF-a	id_457	-0.001	-0.01	0.007	0.622	-0.273	-0.371	-0.176	0	-0.274	-0.371	-0.181	0	0.004	-0.024	0.04	0.622	SM(24:1)	Sphingolipids	Sphingomyelin
CR	TNF-a	id_458	-0.001	-0.01	0.005	0.474	-0.273	-0.366	-0.171	0	-0.274	-0.367	-0.172	0	0.005	-0.019	0.039	0.474	SM(26:0)	Sphingolipids	Sphingomyelin
CR	TNF-a	id_459	0.001	-0.011	0.01	0.996	-0.275	-0.372	-0.175	0	-0.274	-0.372	-0.175	0	-0.003	-0.04	0.049	0.996	SM(26:1)	Sphingolipids	Sphingomyelin
CR	TNF-a	id_660	-0.013	-0.057	-0.002	0.036	-0.261	-0.357	-0.158	0	-0.274	-0.369	-0.181	0	0.048	0.008	0.228	0.036	TAG51:3-FA16:0	Triacylglycerol	TAG Ester
CR	TNF-a	id_663	-0.018	-0.054	-0.01	0.008	-0.256	-0.345	-0.154	0	-0.274	-0.369	-0.177	0	0.067	0.034	0.216	0.008	TAG51:3-FA18:1	Triacylglycerol	TAG Ester
CR	TNF-a	id_667	-0.013	-0.056	0.002	0.066	-0.261	-0.355	-0.157	0	-0.274	-0.37	-0.178	0	0.049	-0.007	0.224	0.066	TAG51:4-FA16:0	Triacylglycerol	TAG Ester
CR	TNF-a	id_755	-0.003	-0.011	0.009	0.458	-0.271	-0.372	-0.183	0	-0.274	-0.373	-0.186	0	0.012	-0.034	0.046	0.458	TAG53:3-FA18:0	Triacylglycerol	TAG Ester
CR	TNF-a	id_760	-0.004	-0.015	0.007	0.266	-0.27	-0.373	-0.17	0	-0.274	-0.374	-0.176	0	0.015	-0.027	0.062	0.266	TAG53:4-FA18:0	Triacylglycerol	TAG Ester

CR	TNF-a	id_761	-0.008	-0.045	-0.006	0.002	-0.266	-0.363	-0.155	0	-0.274	-0.379	-0.175	0	0.031	0.018	0.177	0.002 TAG53:4-FA18:1	Triacylglycerol	TAG Ester
CR	TNF-a	id_765	-0.005	-0.028	-0.001	0.03	-0.269	-0.36	-0.169	0	-0.274	-0.366	-0.176	0	0.019	0.005	0.104	0.03 TAG53:5-FA18:1	Triacylglycerol	TAG Ester
CR	TNF-a	id_766	-0.007	-0.042	-0.005	0.004	-0.267	-0.361	-0.165	0	-0.274	-0.373	-0.185	0	0.027	0.015	0.165	0.004 TAG53:5-FA18:2	Triacylglycerol	TAG Ester
CR	TNF-a	id_769	-0.005	-0.019	0.002	0.11	-0.27	-0.364	-0.168	0	-0.274	-0.374	-0.176	0	0.017	-0.007	0.067	0.11 TAG53:6-FA18:1	Triacylglycerol	TAG Ester
CR	TNF-a	id_770	-0.009	-0.044	-0.006	0.002	-0.265	-0.355	-0.16	0	-0.274	-0.37	-0.176	0	0.035	0.018	0.165	0.002 TAG53:6-FA18:2	Triacylglycerol	TAG Ester
CR	TNF-a	id_771	-0.006	-0.035	-0.004	0.014	-0.268	-0.354	-0.165	0	-0.274	-0.364	-0.18	0	0.022	0.012	0.138	0.014 TAG53:6-FA18:3	Triacylglycerol	TAG Ester
CR	TNF-a	id_773	-0.006	-0.016	0.002	0.1	-0.269	-0.364	-0.176	0	-0.274	-0.37	-0.182	0	0.02	-0.005	0.069	0.1 TAG53:7-FA18:3	Triacylglycerol	TAG Ester
CR	TNF-a	id_856	-0.006	-0.028	-0.002	0.018	-0.268	-0.361	-0.171	0	-0.274	-0.37	-0.183	0	0.023	0.009	0.113	0.018 TAG55:6-FA18:1	Triacylglycerol	TAG Ester
CR	TNF-a	id_857	-0.004	-0.012	0.005	0.266	-0.27	-0.363	-0.179	0	-0.274	-0.368	-0.182	0	0.014	-0.019	0.049	0.266 TAG55:6-FA20:3	Triacylglycerol	TAG Ester
CR	TNF-a	id_860	-0.011	-0.039	-0.006	0.002	-0.263	-0.356	-0.159	0	-0.274	-0.37	-0.177	0	0.041	0.02	0.151	0.002 TAG55:7-FA18:1	Triacylglycerol	TAG Ester
CR	TNF-a	id_861	-0.004	-0.018	0.005	0.198	-0.27	-0.364	-0.179	0	-0.274	-0.371	-0.182	0	0.016	-0.022	0.063	0.198 TAG55:7-FA20:3	Triacylglycerol	TAG Ester
CR	TNF-a	id_862	-0.004	-0.014	0.004	0.214	-0.27	-0.37	-0.17	0	-0.274	-0.376	-0.175	0	0.015	-0.016	0.059	0.214 TAG55:7-FA20:4	Triacylglycerol	TAG Ester
CR	TNF-a	id_864	-0.006	-0.034	-0.004	0.016	-0.268	-0.366	-0.168	0	-0.274	-0.377	-0.179	0	0.024	0.012	0.127	0.016 TAG55:8-FA20:4	Triacylglycerol	TAG Ester
CR	TNF-a	id_939	-0.004	-0.013	0.003	0.266	-0.27	-0.365	-0.175	0	-0.274	-0.369	-0.183	0	0.014	-0.012	0.051	0.266 TAG57:9-FA22:6	Triacylglycerol	TAG Ester
CR	TNF-a	id_978	-0.013	-0.036	0	0.054	-0.261	-0.352	-0.162	0	-0.274	-0.367	-0.179	0	0.049	-0.001	0.135	0.054 Total CE	Neutral Complex Lipids SUM	Cholesteryl Esters
CR	TNF-a	id_979	-0.017	-0.042	-0.008	0	-0.257	-0.346	-0.162	0	-0.274	-0.363	-0.18	0	0.063	0.028	0.167	0 Total CER	Sphingolipid SUM	Ceramides
CR	TNF-a	id_981	-0.009	-0.026	0.007	0.128	-0.265	-0.363	-0.172	0	-0.274	-0.371	-0.182	0	0.032	-0.026	0.104	0.128 Total DCER	Sphingolipid SUM	Dihydroceramides
CR	TNF-a	id_982	-0.007	-0.022	0.013	0.382	-0.267	-0.361	-0.17	0	-0.274	-0.367	-0.174	0	0.025	-0.059	0.083	0.382 Total HCER	Sphingolipid SUM	Hexosylceramides
CR	TNF-a	id_983	-0.002	-0.025	0.007	0.666	-0.272	-0.362	-0.177	0	-0.274	-0.366	-0.182	0	0.007	-0.032	0.086	0.666 Total LCER	Sphingolipid SUM	Lactosylceramides
CR	TNF-a	id_987	-0.005	-0.018	0.01	0.442	-0.269	-0.37	-0.171	0	-0.274	-0.371	-0.176	0	0.017	-0.038	0.073	0.442 Total PC	Phospholipid SUM	Phosphatidylcholines

CR	TNF-a	id_990	-0.004	-0.014	0.013	0.528	-0.271	-0.368	-0.174	0	-0.274	-0.372	-0.177	0	0.013	-0.049	0.058	0.528	Total SM	Sphingolipid SUM	Sphingomyelins
CR	TNF-a	id_039	-0.011	-0.025	0	0.064	-0.263	-0.362	-0.166	0	-0.274	-0.371	-0.175	0	0.04	-0.001	0.101	0.064	CE(22:1)	Cholesterol Ester	CE Ester
CR	TNF-a	id_060	0.002	-0.015	0.006	0.936	-0.276	-0.375	-0.176	0	-0.274	-0.375	-0.175	0	-0.006	-0.023	0.054	0.936	DAG(12:0/18:1)	Diacylglycerol	DAG Ester
CR	TNF-a	id_071	0.003	-0.011	0.01	0.734	-0.277	-0.373	-0.181	0	-0.274	-0.368	-0.18	0	-0.009	-0.036	0.045	0.734	DAG(14:1/16:0)	Diacylglycerol	DAG Ester
CR	TNF-a	id_072	-0.007	-0.019	0.002	0.162	-0.267	-0.364	-0.175	0	-0.274	-0.368	-0.181	0	0.024	-0.008	0.078	0.162	DAG(14:1/18:1)	Diacylglycerol	DAG Ester
CR	TNF-a	id_150	-0.013	-0.04	0.002	0.138	-0.261	-0.364	-0.159	0	-0.274	-0.375	-0.179	0	0.049	-0.008	0.154	0.138	LCER(24:1)	Sphingolipids	Lactosylceramide
CR	TNF-a	id_151	-0.001	-0.013	0.004	0.708	-0.273	-0.37	-0.177	0	-0.274	-0.37	-0.177	0	0.003	-0.017	0.049	0.708	LCER(26:0)	Sphingolipids	Lactosylceramide
CR	TNF-a	id_160	0.001	-0.008	0.008	0.97	-0.275	-0.37	-0.179	0	-0.274	-0.372	-0.18	0	-0.002	-0.032	0.031	0.97	LPC(18:2)	Lysophosphatidylcholine	LPC Ester
CR	TNF-a	id_196	-0.008	-0.022	0.002	0.142	-0.266	-0.359	-0.181	0	-0.274	-0.367	-0.189	0	0.029	-0.009	0.085	0.142	MAG(18:3)	MAG	Ester
CR	TNF-a	id_199	-0.002	-0.014	0.007	0.612	-0.272	-0.367	-0.174	0	-0.274	-0.37	-0.175	0	0.008	-0.025	0.052	0.612	MAG(20:1)	MAG	Ester
CR	TNF-a	id_200	-0.001	-0.012	0.005	0.686	-0.273	-0.37	-0.171	0	-0.274	-0.371	-0.173	0	0.003	-0.019	0.05	0.686	MAG(20:2)	MAG	Ester
CR	TNF-a	id_201	-0.004	-0.017	0.008	0.42	-0.27	-0.36	-0.175	0	-0.274	-0.361	-0.178	0	0.016	-0.032	0.064	0.42	MAG(20:3)	MAG	Ester
CR	TNF-a	id_251	0	-0.01	0.007	0.894	-0.274	-0.364	-0.184	0	-0.274	-0.365	-0.184	0	0.001	-0.026	0.037	0.894	PC(16:0/22:6)	Phosphatidylcholine	PC Ester
CR	TNF-a	id_288	-0.002	-0.012	0.006	0.56	-0.272	-0.372	-0.181	0	-0.274	-0.375	-0.183	0	0.007	-0.024	0.044	0.56	PC(18:1/22:6)	Phosphatidylcholine	PC Ester
CR	TNF-a	id_293	0.003	-0.006	0.014	0.616	-0.277	-0.378	-0.179	0	-0.274	-0.375	-0.178	0	-0.01	-0.055	0.024	0.616	PC(18:2/20:2)	Phosphatidylcholine	PC Ester
CR	TNF-a	id_298	-0.004	-0.017	0.005	0.378	-0.27	-0.371	-0.176	0	-0.274	-0.375	-0.18	0	0.015	-0.017	0.065	0.378	PC(18:2/22:5)	Phosphatidylcholine	PC Ester
CR	TNF-a	id_332	0	-0.007	0.011	0.934	-0.275	-0.369	-0.174	0	-0.274	-0.368	-0.173	0	-0.002	-0.042	0.029	0.934	PE(18:0/18:0)	Phosphatidylethanolamine	PE Ester
CR	TNF-a	id_359	-0.003	-0.018	0.012	0.664	-0.272	-0.381	-0.176	0	-0.274	-0.382	-0.181	0	0.009	-0.044	0.07	0.664	PE(18:2/16:1)	Phosphatidylethanolamine	PE Ester
CR	TNF-a	id_366	0.014	-0.002	0.035	0.094	-0.288	-0.385	-0.191	0	-0.274	-0.371	-0.174	0	-0.05	-0.139	0.008	0.094	PE(O-16:0/18:2)	Phosphatidylethanolamine	PE Ether
CR	TNF-a	id_368	0.006	-0.007	0.025	0.344	-0.28	-0.376	-0.183	0	-0.274	-0.37	-0.178	0	-0.022	-0.098	0.029	0.344	PE(O-16:0/20:4)	Phosphatidylethanolamine	PE Ether
CR	TNF-a	id_372	0	-0.008	0.005	0.802	-0.274	-0.375	-0.172	0	-0.274	-0.378	-0.172	0	0.001	-0.02	0.03	0.802	PE(O-16:0/22:6)	Phosphatidylethanolamine	PE Ether
CR	TNF-a	id_378	0.001	-0.016	0.023	0.888	-0.275	-0.382	-0.175	0	-0.274	-0.373	-0.176	0	-0.003	-0.086	0.064	0.888	PE(O-18:0/20:4)	Phosphatidylethanolamine	PE Ether

CR	TNF-a	id_381	-0.016	-0.035	0.007	0.116	-0.259	-0.363	-0.163	0	-0.274	-0.377	-0.179	0	0.057	-0.021	0.146	0.116	PE(O-18:0/22:5)	Phosphatidylethanolamine	PE Ether
CR	TNF-a	id_382	-0.003	-0.012	0.005	0.504	-0.272	-0.367	-0.179	0	-0.274	-0.369	-0.18	0	0.009	-0.016	0.049	0.504	PE(O-18:0/22:6)	Phosphatidylethanolamine	PE Ether
CR	TNF-a	id_387	0.004	-0.009	0.022	0.536	-0.278	-0.371	-0.178	0	-0.274	-0.362	-0.173	0	-0.014	-0.089	0.035	0.536	PE(P-16:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen
CR	TNF-a	id_392	0.009	-0.009	0.038	0.352	-0.283	-0.389	-0.185	0	-0.274	-0.37	-0.178	0	-0.032	-0.149	0.032	0.352	PE(P-16:0/20:4)	Phosphatidylethanolamine	PE Plasmalogen
CR	TNF-a	id_395	-0.002	-0.02	0.023	0.932	-0.273	-0.373	-0.176	0	-0.274	-0.372	-0.177	0	0.006	-0.089	0.077	0.932	PE(P-16:0/22:5)	Phosphatidylethanolamine	PE Plasmalogen
CR	TNF-a	id_396	-0.001	-0.009	0.009	0.852	-0.274	-0.368	-0.176	0	-0.274	-0.368	-0.178	0	0.002	-0.034	0.037	0.852	PE(P-16:0/22:6)	Phosphatidylethanolamine	PE Plasmalogen
CR	TNF-a	id_401	-0.003	-0.016	0.01	0.59	-0.271	-0.376	-0.179	0	-0.274	-0.377	-0.183	0	0.012	-0.04	0.059	0.59	PE(P-18:0/18:1)	Phosphatidylethanolamine	PE Plasmalogen
CR	TNF-a	id_402	-0.001	-0.015	0.014	0.894	-0.273	-0.375	-0.179	0	-0.274	-0.376	-0.183	0	0.004	-0.053	0.06	0.894	PE(P-18:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen
CR	TNF-a	id_406	0.006	-0.012	0.03	0.482	-0.28	-0.377	-0.182	0	-0.274	-0.368	-0.185	0	-0.021	-0.119	0.046	0.482	PE(P-18:0/20:4)	Phosphatidylethanolamine	PE Plasmalogen
CR	TNF-a	id_409	-0.006	-0.026	0.022	0.692	-0.269	-0.373	-0.173	0	-0.274	-0.376	-0.178	0	0.02	-0.089	0.102	0.692	PE(P-18:0/22:5)	Phosphatidylethanolamine	PE Plasmalogen
CR	TNF-a	id_410	0	-0.011	0.008	0.872	-0.274	-0.362	-0.177	0	-0.274	-0.359	-0.179	0	0.002	-0.031	0.042	0.872	PE(P-18:0/22:6)	Phosphatidylethanolamine	PE Plasmalogen
CR	TNF-a	id_411	-0.001	-0.012	0.005	0.714	-0.273	-0.371	-0.181	0	-0.274	-0.374	-0.181	0	0.005	-0.019	0.046	0.714	PE(P-18:1/16:0)	Phosphatidylethanolamine	PE Plasmalogen
CR	TNF-a	id_415	0.005	-0.007	0.027	0.372	-0.279	-0.376	-0.188	0	-0.274	-0.371	-0.184	0	-0.019	-0.099	0.026	0.372	PE(P-18:1/18:2)	Phosphatidylethanolamine	PE Plasmalogen
CR	TNF-a	id_419	0.01	-0.011	0.044	0.336	-0.284	-0.387	-0.186	0	-0.274	-0.37	-0.181	0	-0.037	-0.161	0.042	0.336	PE(P-18:1/20:4)	Phosphatidylethanolamine	PE Plasmalogen

CR	TNF-a	id_421	0.004	-0.019	0.041	0.722	-0.278	-0.388	-0.187	0	-0.274	-0.374	-0.178	0	-0.013	-0.159	0.073	0.722	PE(P-18:1/22:4)	Phosphatidylethanolamine	PE Plasmalogen
CR	TNF-a	id_422	-0.002	-0.019	0.025	0.934	-0.273	-0.377	-0.176	0	-0.274	-0.374	-0.179	0	0.005	-0.09	0.073	0.934	PE(P-18:1/22:5)	Phosphatidylethanolamine	PE Plasmalogen
CR	TNF-a	id_423	0	-0.009	0.007	0.848	-0.274	-0.374	-0.18	0	-0.274	-0.375	-0.184	0	0.001	-0.024	0.035	0.848	PE(P-18:1/22:6)	Phosphatidylethanolamine	PE Plasmalogen
CR	TNF-a	id_424	0.002	-0.007	0.015	0.664	-0.277	-0.377	-0.185	0	-0.274	-0.374	-0.185	0	-0.009	-0.059	0.03	0.664	PE(P-18:2/18:2)	Phosphatidylethanolamine	PE Plasmalogen
CR	TNF-a	id_425	0.014	-0.002	0.039	0.094	-0.288	-0.385	-0.191	0	-0.274	-0.368	-0.178	0	-0.05	-0.152	0.005	0.094	PE(P-18:2/20:4)	Phosphatidylethanolamine	PE Plasmalogen
AL	TNF-a	id_023	0.001	-0.012	0.016	0.918	-0.158	-0.301	-0.006	0.048	-0.157	-0.302	-0.003	0.044	-0.008	-0.155	0.125	0.926	CE(15:0)	Cholesterol Ester	CE Ester
AL	TNF-a	id_024	0	-0.016	0.014	0.95	-0.157	-0.296	-0.022	0.038	-0.157	-0.299	-0.018	0.026	0	-0.125	0.136	0.948	CE(16:0)	Cholesterol Ester	CE Ester
AL	TNF-a	id_026	0.002	-0.015	0.021	0.886	-0.159	-0.299	-0.018	0.028	-0.157	-0.296	-0.019	0.022	-0.01	-0.241	0.14	0.88	CE(17:0)	Cholesterol Ester	CE Ester
AL	TNF-a	id_027	0.003	-0.011	0.021	0.824	-0.16	-0.307	-0.021	0.03	-0.157	-0.302	-0.02	0.034	-0.016	-0.217	0.124	0.842	CE(18:0)	Cholesterol Ester	CE Ester
AL	TNF-a	id_028	0	-0.016	0.014	0.996	-0.157	-0.29	-0.016	0.028	-0.157	-0.288	-0.017	0.024	0	-0.17	0.134	0.996	CE(18:1)	Cholesterol Ester	CE Ester
AL	TNF-a	id_029	0	-0.017	0.011	0.98	-0.157	-0.303	-0.018	0.028	-0.157	-0.301	-0.018	0.022	0	-0.147	0.145	0.978	CE(18:2)	Cholesterol Ester	CE Ester
AL	TNF-a	id_033	-0.004	-0.021	0.01	0.546	-0.153	-0.293	-0.012	0.024	-0.157	-0.298	-0.014	0.026	0.025	-0.112	0.27	0.54	CE(20:1)	Cholesterol Ester	CE Ester
AL	TNF-a	id_034	-0.004	-0.023	0.011	0.684	-0.154	-0.288	-0.001	0.046	-0.157	-0.295	-0.004	0.046	0.023	-0.119	0.215	0.674	CE(20:2)	Cholesterol Ester	CE Ester
AL	TNF-a	id_035	-0.001	-0.018	0.011	0.88	-0.156	-0.299	-0.011	0.044	-0.157	-0.303	-0.013	0.038	0.009	-0.116	0.163	0.882	CE(20:3)	Cholesterol Ester	CE Ester
AL	TNF-a	id_036	0	-0.016	0.019	0.974	-0.157	-0.296	-0.019	0.03	-0.157	-0.297	-0.018	0.03	0.003	-0.182	0.197	0.984	CE(20:4)	Cholesterol Ester	CE Ester
AL	TNF-a	id_041	0	-0.012	0.014	0.912	-0.157	-0.303	-0.024	0.022	-0.157	-0.294	-0.024	0.018	-0.001	-0.13	0.109	0.91	CE(22:4)	Cholesterol Ester	CE Ester
AL	TNF-a	id_042	-0.002	-0.025	0.014	0.812	-0.155	-0.295	-0.007	0.04	-0.157	-0.297	-0.006	0.04	0.012	-0.175	0.209	0.82	CE(22:5)	Cholesterol Ester	CE Ester
AL	TNF-a	id_043	-0.004	-0.03	0.012	0.642	-0.153	-0.298	-0.005	0.042	-0.157	-0.298	-0.014	0.04	0.027	-0.143	0.274	0.658	CE(22:6)	Cholesterol Ester	CE Ester

AL	TNF-a	id_044	0.004	-0.011	0.02	0.51	-0.161	-0.295	-0.027	0.034	-0.157	-0.29	-0.021	0.032	-0.027	-0.231	0.107	0.514	CE(24:0)	Cholesterol Ester	CE Ester
AL	TNF-a	id_045	0.001	-0.013	0.015	0.934	-0.158	-0.296	-0.018	0.028	-0.157	-0.296	-0.015	0.028	-0.005	-0.151	0.099	0.938	CE(24:1)	Cholesterol Ester	CE Ester
AL	TNF-a	id_046	-0.004	-0.024	0.011	0.68	-0.153	-0.281	-0.019	0.028	-0.157	-0.286	-0.022	0.028	0.025	-0.085	0.235	0.676	CER(14:0)	Sphingolipids	Ceramide
AL	TNF-a	id_047	0	-0.013	0.017	0.994	-0.157	-0.303	-0.018	0.032	-0.157	-0.295	-0.019	0.034	-0.001	-0.175	0.119	0.996	CER(16:0)	Sphingolipids	Ceramide
AL	TNF-a	id_048	-0.002	-0.021	0.012	0.866	-0.156	-0.304	-0.019	0.018	-0.157	-0.309	-0.018	0.016	0.01	-0.145	0.226	0.862	CER(18:0)	Sphingolipids	Ceramide
AL	TNF-a	id_049	0.005	-0.024	0.041	0.69	-0.163	-0.3	-0.022	0.026	-0.157	-0.296	-0.011	0.04	-0.034	-0.691	0.233	0.698	CER(18:1)	Sphingolipids	Ceramide
AL	TNF-a	id_050	0.001	-0.017	0.015	0.956	-0.158	-0.309	-0.012	0.034	-0.157	-0.311	-0.011	0.034	-0.005	-0.177	0.164	0.966	CER(20:0)	Sphingolipids	Ceramide
AL	TNF-a	id_051	-0.011	-0.045	0.005	0.264	-0.146	-0.276	-0.001	0.05	-0.157	-0.286	-0.008	0.038	0.073	-0.091	0.458	0.29	CER(20:1)	Sphingolipids	Ceramide
AL	TNF-a	id_052	0	-0.014	0.011	0.99	-0.157	-0.297	-0.009	0.04	-0.157	-0.296	-0.009	0.038	0.001	-0.112	0.158	0.996	CER(22:0)	Sphingolipids	Ceramide
AL	TNF-a	id_053	-0.013	-0.047	0.017	0.36	-0.144	-0.277	-0.002	0.048	-0.157	-0.291	-0.015	0.03	0.083	-0.226	0.607	0.378	CER(22:1)	Sphingolipids	Ceramide
AL	TNF-a	id_054	0	-0.018	0.013	0.984	-0.157	-0.292	-0.018	0.028	-0.157	-0.292	-0.017	0.022	0.002	-0.137	0.182	0.994	CER(24:0)	Sphingolipids	Ceramide
AL	TNF-a	id_055	0.001	-0.018	0.02	0.888	-0.159	-0.297	-0.011	0.036	-0.157	-0.296	-0.011	0.036	-0.009	-0.2	0.155	0.892	CER(24:1)	Sphingolipids	Ceramide
AL	TNF-a	id_057	0.002	-0.016	0.022	0.866	-0.159	-0.3	-0.007	0.042	-0.157	-0.299	-0.004	0.04	-0.01	-0.259	0.167	0.87	CER(26:1)	Sphingolipids	Ceramide
AL	TNF-a	id_116	0.003	-0.022	0.023	0.872	-0.16	-0.303	-0.02	0.028	-0.157	-0.303	-0.021	0.03	-0.017	-0.229	0.213	0.87	DCER(14:0)	Sphingolipids	Dihydroceramide
AL	TNF-a	id_117	-0.002	-0.024	0.013	0.786	-0.155	-0.295	-0.002	0.048	-0.157	-0.297	-0.008	0.04	0.013	-0.159	0.284	0.778	DCER(16:0)	Sphingolipids	Dihydroceramide
AL	TNF-a	id_118	0	-0.012	0.013	0.932	-0.157	-0.299	-0.024	0.026	-0.157	-0.298	-0.026	0.028	-0.002	-0.142	0.128	0.94	DCER(18:0)	Sphingolipids	Dihydroceramide
AL	TNF-a	id_119	0.008	-0.025	0.038	0.636	-0.165	-0.298	-0.014	0.036	-0.157	-0.294	0.005	0.054	-0.049	-0.547	0.242	0.662	DCER(18:1)	Sphingolipids	Dihydroceramide
AL	TNF-a	id_120	-0.004	-0.036	0.022	0.742	-0.153	-0.306	-0.011	0.036	-0.157	-0.316	-0.016	0.03	0.027	-0.295	0.359	0.74	DCER(20:0)	Sphingolipids	Dihydroceramide
AL	TNF-a	id_121	0.004	-0.032	0.051	0.834	-0.161	-0.296	-0.018	0.034	-0.157	-0.298	-0.008	0.042	-0.025	-0.562	0.351	0.852	DCER(20:1)	Sphingolipids	Dihydroceramide
AL	TNF-a	id_122	-0.002	-0.022	0.009	0.756	-0.155	-0.297	-0.012	0.028	-0.157	-0.303	-0.015	0.026	0.013	-0.125	0.256	0.762	DCER(22:0)	Sphingolipids	Dihydroceramide
AL	TNF-a	id_123	-0.002	-0.04	0.028	0.836	-0.155	-0.293	-0.014	0.022	-0.157	-0.296	-0.012	0.026	0.016	-0.329	0.378	0.83	DCER(22:1)	Sphingolipids	Dihydroceramide
AL	TNF-a	id_124	0	-0.038	0.046	0.982	-0.157	-0.298	-0.018	0.026	-0.157	-0.302	-0.013	0.032	0.003	-0.634	0.392	0.994	DCER(22:2)	Sphingolipids	Dihydroceramide
AL	TNF-a	id_125	0	-0.016	0.011	0.87	-0.157	-0.29	-0.021	0.018	-0.157	-0.29	-0.022	0.016	0.001	-0.113	0.168	0.874	DCER(24:0)	Sphingolipids	Dihydroceramide
AL	TNF-a	id_126	-0.006	-0.04	0.028	0.728	-0.151	-0.284	-0.01	0.042	-0.157	-0.297	-0.012	0.038	0.04	-0.334	0.361	0.722	DCER(24:1)	Sphingolipids	Dihydroceramide

AL	TNF-a	id_128	0.005	-0.025	0.037	0.732	-0.162	-0.312	-0.029	0.028	-0.157	-0.308	-0.021	0.028	-0.03	-0.511	0.233	0.752	DCER(26:1)	Sphingolipids	Dihydroceramide
AL	TNF-a	id_129	0.001	-0.016	0.016	0.984	-0.158	-0.317	-0.013	0.032	-0.157	-0.319	-0.015	0.032	-0.004	-0.162	0.149	0.992	HCER(14:0)	Sphingolipids	Hexosylceramide
AL	TNF-a	id_130	0.002	-0.013	0.022	0.85	-0.159	-0.309	-0.009	0.04	-0.157	-0.306	-0.008	0.036	-0.014	-0.187	0.159	0.862	HCER(16:0)	Sphingolipids	Hexosylceramide
AL	TNF-a	id_131	0.001	-0.014	0.019	0.938	-0.158	-0.298	-0.011	0.034	-0.157	-0.296	-0.01	0.036	-0.008	-0.19	0.158	0.95	HCER(18:0)	Sphingolipids	Hexosylceramide
AL	TNF-a	id_132	0.001	-0.024	0.025	0.968	-0.159	-0.297	-0.011	0.032	-0.157	-0.295	-0.01	0.036	-0.009	-0.301	0.282	0.984	HCER(18:1)	Sphingolipids	Hexosylceramide
AL	TNF-a	id_133	0	-0.018	0.017	0.916	-0.157	-0.298	-0.021	0.026	-0.157	-0.3	-0.014	0.026	0.003	-0.179	0.195	0.906	HCER(20:0)	Sphingolipids	Hexosylceramide
AL	TNF-a	id_134	0	-0.023	0.02	0.994	-0.157	-0.293	-0.014	0.032	-0.157	-0.297	-0.011	0.038	0	-0.198	0.292	0.984	HCER(20:1)	Sphingolipids	Hexosylceramide
AL	TNF-a	id_135	0	-0.018	0.022	0.958	-0.157	-0.303	-0.012	0.04	-0.157	-0.303	-0.01	0.04	0.002	-0.256	0.142	0.958	HCER(22:0)	Sphingolipids	Hexosylceramide
AL	TNF-a	id_136	-0.005	-0.042	0.009	0.56	-0.152	-0.283	-0.022	0.032	-0.157	-0.297	-0.025	0.022	0.03	-0.087	0.328	0.574	HCER(22:1)	Sphingolipids	Hexosylceramide
AL	TNF-a	id_137	0.003	-0.016	0.028	0.818	-0.16	-0.309	-0.017	0.034	-0.157	-0.305	-0.016	0.038	-0.016	-0.279	0.146	0.824	HCER(24:0)	Sphingolipids	Hexosylceramide
AL	TNF-a	id_138	0.001	-0.014	0.019	0.846	-0.159	-0.302	-0.018	0.028	-0.157	-0.298	-0.019	0.026	-0.009	-0.168	0.122	0.844	HCER(24:1)	Sphingolipids	Hexosylceramide
AL	TNF-a	id_139	0.003	-0.018	0.023	0.79	-0.16	-0.294	-0.018	0.032	-0.157	-0.291	-0.015	0.032	-0.017	-0.235	0.159	0.786	HCER(26:0)	Sphingolipids	Hexosylceramide
AL	TNF-a	id_141	0	-0.018	0.016	0.994	-0.157	-0.299	-0.026	0.032	-0.157	-0.302	-0.018	0.03	-0.001	-0.215	0.172	0.996	LCER(14:0)	Sphingolipids	Lactosylceramide
AL	TNF-a	id_142	-0.003	-0.026	0.015	0.832	-0.155	-0.299	-0.015	0.028	-0.157	-0.296	-0.017	0.03	0.017	-0.167	0.354	0.83	LCER(16:0)	Sphingolipids	Lactosylceramide
AL	TNF-a	id_144	0	-0.03	0.033	0.976	-0.158	-0.308	-0.018	0.038	-0.157	-0.306	-0.01	0.044	-0.003	-0.427	0.277	0.988	LCER(18:1)	Sphingolipids	Lactosylceramide
AL	TNF-a	id_145	0	-0.018	0.014	0.982	-0.158	-0.285	-0.01	0.036	-0.157	-0.289	-0.014	0.036	-0.003	-0.159	0.19	0.978	LCER(20:0)	Sphingolipids	Lactosylceramide
AL	TNF-a	id_146	0	-0.019	0.015	0.976	-0.157	-0.296	-0.012	0.028	-0.157	-0.297	-0.012	0.028	0.003	-0.197	0.172	0.984	LCER(20:1)	Sphingolipids	Lactosylceramide
AL	TNF-a	id_147	0.002	-0.012	0.02	0.768	-0.16	-0.306	-0.023	0.032	-0.157	-0.306	-0.019	0.032	-0.015	-0.232	0.111	0.764	LCER(22:0)	Sphingolipids	Lactosylceramide
AL	TNF-a	id_148	0	-0.022	0.011	0.802	-0.157	-0.299	-0.019	0.026	-0.157	-0.299	-0.024	0.022	0.002	-0.127	0.187	0.808	LCER(22:1)	Sphingolipids	Lactosylceramide
AL	TNF-a	id_149	0	-0.016	0.016	0.988	-0.157	-0.296	-0.015	0.028	-0.157	-0.297	-0.015	0.028	-0.002	-0.142	0.186	0.996	LCER(24:0)	Sphingolipids	Lactosylceramide

AL	TNF-a	id_152	0.001	-0.024	0.023	0.97	-0.158	-0.3	-0.01	0.04	-0.157	-0.307	-0.008	0.046	-0.005	-0.28	0.268	0.976	LCER(26:1)	Sphingolipids	Lactosylcera
AL	TNF-a	id_154	-0.017	-0.055	0.018	0.3	-0.14	-0.288	0.008	0.064	-0.157	-0.3	-0.017	0.034	0.109	-0.154	0.749	0.326	LPC(15:0)	Lysophosphatidylcholine	mid
AL	TNF-a	id_157	-0.002	-0.021	0.011	0.772	-0.155	-0.306	-0.008	0.042	-0.157	-0.302	-0.011	0.036	0.015	-0.117	0.231	0.768	LPC(17:0)	Lysophosphatidylcholine	LPC Ester
AL	TNF-a	id_170	0	-0.011	0.016	0.934	-0.157	-0.301	-0.014	0.03	-0.157	-0.3	-0.013	0.036	0.001	-0.2	0.121	0.938	LPC(22:6)	Lysophosphatidylcholine	LPC Ester
AL	TNF-a	id_181	-0.006	-0.031	0.012	0.538	-0.151	-0.28	-0.009	0.036	-0.157	-0.286	-0.012	0.032	0.04	-0.137	0.288	0.542	LPE(20:4)	Lysophosphatidylethanolamine	LPE Ester
AL	TNF-a	id_186	-0.003	-0.026	0.011	0.708	-0.154	-0.302	-0.016	0.032	-0.157	-0.31	-0.019	0.03	0.018	-0.117	0.268	0.718	MAG(12:0)	MAG	Ester
AL	TNF-a	id_188	0	-0.012	0.018	0.84	-0.158	-0.297	-0.016	0.04	-0.157	-0.294	-0.02	0.038	-0.003	-0.189	0.118	0.83	MAG(14:1)	MAG	Ester
AL	TNF-a	id_189	0.001	-0.013	0.013	0.92	-0.158	-0.3	-0.013	0.034	-0.157	-0.296	-0.014	0.032	-0.007	-0.112	0.136	0.924	MAG(15:0)	MAG	Ester
AL	TNF-a	id_195	0.009	-0.018	0.042	0.54	-0.166	-0.301	-0.035	0.012	-0.157	-0.292	-0.023	0.018	-0.059	-0.593	0.137	0.554	MAG(18:2)	MAG	Ester
AL	TNF-a	id_203	0.004	-0.02	0.026	0.76	-0.161	-0.303	-0.014	0.032	-0.157	-0.302	-0.008	0.034	-0.024	-0.341	0.267	0.77	MAG(20:5)	MAG	Ester
AL	TNF-a	id_204	-0.026	-0.079	0.012	0.15	-0.131	-0.267	0.02	0.102	-0.157	-0.307	-0.014	0.034	0.167	-0.2	1.166	0.176	MAG(22:0)	MAG	Ester
AL	TNF-a	id_205	-0.003	-0.028	0.014	0.746	-0.154	-0.296	-0.003	0.044	-0.157	-0.299	-0.011	0.036	0.018	-0.152	0.239	0.766	MAG(22:1)	MAG	Ester
AL	TNF-a	id_208	-0.002	-0.031	0.013	0.732	-0.155	-0.289	0	0.052	-0.157	-0.289	-0.005	0.038	0.015	-0.166	0.348	0.734	MAG(22:5)	MAG	Ester
AL	TNF-a	id_209	-0.014	-0.059	0.008	0.248	-0.143	-0.285	0.005	0.058	-0.157	-0.301	-0.012	0.03	0.088	-0.148	0.624	0.278	MAG(22:6)	MAG	Ester
AL	TNF-a	id_228	0	-0.017	0.015	0.996	-0.157	-0.303	-0.015	0.03	-0.157	-0.303	-0.018	0.032	0	-0.145	0.16	0.988	PC(15:0/18:2)	Phosphatidylcholine	PC Ester
AL	TNF-a	id_230	-0.001	-0.013	0.016	0.996	-0.157	-0.303	-0.009	0.036	-0.157	-0.309	-0.012	0.038	0.004	-0.153	0.178	0.978	PC(15:0/20:4)	Phosphatidylcholine	PC Ester
AL	TNF-a	id_241	0.002	-0.021	0.028	0.876	-0.159	-0.303	-0.028	0.032	-0.157	-0.305	-0.026	0.032	-0.014	-0.261	0.176	0.884	PC(16:0/18:2)	Phosphatidylcholine	PC Ester
AL	TNF-a	id_254	-0.002	-0.024	0.022	0.864	-0.155	-0.292	-0.017	0.024	-0.157	-0.29	-0.02	0.022	0.013	-0.217	0.214	0.866	PC(17:0/18:2)	Phosphatidylcholine	PC Ester
AL	TNF-a	id_257	0.001	-0.016	0.019	0.892	-0.158	-0.295	-0.012	0.03	-0.157	-0.293	-0.01	0.036	-0.005	-0.257	0.163	0.904	PC(17:0/20:4)	Phosphatidylcholine	PC Ester
AL	TNF-a	id_272	0.002	-0.015	0.029	0.76	-0.159	-0.298	-0.023	0.03	-0.157	-0.297	-0.021	0.03	-0.014	-0.333	0.147	0.77	PC(18:0/20:4)	Phosphatidylcholine	PC Ester
AL	TNF-a	id_279	0.001	-0.02	0.024	0.958	-0.158	-0.302	-0.019	0.03	-0.157	-0.299	-0.017	0.03	-0.004	-0.297	0.167	0.968	PC(18:1/18:2)	Phosphatidylcholine	PC Ester
AL	TNF-a	id_283	-0.016	-0.054	0.007	0.23	-0.141	-0.272	0.015	0.08	-0.157	-0.293	0.004	0.056	0.101	-0.13	0.715	0.274	PC(18:1/20:3)	Phosphatidylcholine	PC Ester
AL	TNF-a	id_284	0.007	-0.011	0.035	0.504	-0.164	-0.301	-0.019	0.022	-0.157	-0.294	-0.012	0.032	-0.042	-0.459	0.118	0.52	PC(18:1/20:4)	Phosphatidylcholine	PC Ester

AL	TNF-a	id_289	-0.001	-0.023	0.017	0.882	-0.156	-0.304	-0.015	0.028	-0.157	-0.306	-0.016	0.022	0.007	-0.183	0.237	0.884	PC(18:2/16:1)	Phosphatidylcholine	PC Ester
AL	TNF-a	id_354	0.002	-0.01	0.025	0.782	-0.159	-0.304	-0.025	0.02	-0.157	-0.303	-0.024	0.028	-0.01	-0.207	0.107	0.79	PE(18:1/22:0)	Phosphatidylethanolamine	PE Ester
AL	TNF-a	id_386	0.006	-0.012	0.033	0.556	-0.163	-0.292	-0.034	0.018	-0.157	-0.288	-0.029	0.02	-0.038	-0.402	0.094	0.56	PE(P-16:0/18:1)	Phosphatidylethanolamine	PE Plasmalogen
AL	TNF-a	id_398	0	-0.013	0.026	0.818	-0.157	-0.298	-0.024	0.012	-0.157	-0.297	-0.024	0.014	-0.001	-0.223	0.147	0.828	PE(P-18:0/16:0)	Phosphatidylethanolamine	PE Plasmalogen
AL	TNF-a	id_405	0.01	-0.013	0.043	0.426	-0.167	-0.306	-0.02	0.024	-0.157	-0.299	-0.008	0.038	-0.063	-0.739	0.175	0.464	PE(P-18:0/20:3)	Phosphatidylethanolamine	PE Plasmalogen
AL	TNF-a	id_414	0.005	-0.013	0.033	0.602	-0.162	-0.301	-0.011	0.034	-0.157	-0.299	-0.005	0.046	-0.032	-0.342	0.143	0.636	PE(P-18:1/18:1)	Phosphatidylethanolamine	PE Plasmalogen
AL	TNF-a	id_448	-0.002	-0.023	0.014	0.822	-0.155	-0.292	-0.021	0.024	-0.157	-0.302	-0.018	0.03	0.015	-0.119	0.177	0.804	SM(14:0)	Sphingolipids	Sphingomyelin
AL	TNF-a	id_449	0.003	-0.014	0.029	0.69	-0.16	-0.285	-0.024	0.022	-0.157	-0.283	-0.017	0.026	-0.02	-0.43	0.154	0.704	SM(16:0)	Sphingolipids	Sphingomyelin
AL	TNF-a	id_450	0.002	-0.012	0.023	0.8	-0.159	-0.301	-0.021	0.018	-0.157	-0.294	-0.015	0.024	-0.013	-0.296	0.121	0.808	SM(18:0)	Sphingolipids	Sphingomyelin
AL	TNF-a	id_451	0.004	-0.014	0.028	0.682	-0.161	-0.297	-0.018	0.03	-0.157	-0.299	-0.019	0.032	-0.026	-0.343	0.164	0.698	SM(18:1)	Sphingolipids	Sphingomyelin
AL	TNF-a	id_452	-0.001	-0.026	0.025	0.938	-0.157	-0.294	-0.022	0.028	-0.157	-0.298	-0.019	0.03	0.004	-0.296	0.24	0.932	SM(20:0)	Sphingolipids	Sphingomyelin
AL	TNF-a	id_453	0.002	-0.015	0.023	0.85	-0.159	-0.301	-0.018	0.032	-0.157	-0.3	-0.011	0.034	-0.014	-0.339	0.128	0.856	SM(20:1)	Sphingolipids	Sphingomyelin
AL	TNF-a	id_454	-0.003	-0.021	0.013	0.772	-0.155	-0.299	-0.014	0.028	-0.157	-0.3	-0.02	0.028	0.017	-0.114	0.213	0.772	SM(22:0)	Sphingolipids	Sphingomyelin
AL	TNF-a	id_455	0	-0.012	0.014	0.98	-0.157	-0.307	-0.013	0.036	-0.157	-0.306	-0.009	0.038	-0.001	-0.142	0.136	0.982	SM(22:1)	Sphingolipids	Sphingomyelin
AL	TNF-a	id_456	0	-0.014	0.014	0.922	-0.158	-0.296	-0.027	0.03	-0.157	-0.295	-0.026	0.026	-0.003	-0.142	0.11	0.916	SM(24:0)	Sphingolipids	Sphingomyelin
AL	TNF-a	id_457	0	-0.018	0.017	0.924	-0.158	-0.298	-0.029	0.018	-0.157	-0.297	-0.029	0.012	-0.002	-0.159	0.158	0.924	SM(24:1)	Sphingolipids	Sphingomyelin
AL	TNF-a	id_458	-0.003	-0.023	0.02	0.782	-0.154	-0.303	-0.01	0.034	-0.157	-0.305	-0.007	0.034	0.018	-0.202	0.256	0.78	SM(26:0)	Sphingolipids	Sphingomyelin
AL	TNF-a	id_459	0.001	-0.021	0.026	0.916	-0.158	-0.303	-0.016	0.03	-0.157	-0.302	-0.019	0.032	-0.008	-0.273	0.21	0.924	SM(26:1)	Sphingolipids	Sphingomyelin

AL	TNF-a	id_660	-0.016	-0.055	0.022	0.406	-0.141	-0.293	0.006	0.058	-0.157	-0.309	-0.005	0.038	0.103	-0.439	0.739	0.408	TAG51:3-FA16:0	Triacylglycerol	TAG Ester
AL	TNF-a	id_663	-0.01	-0.05	0.023	0.484	-0.147	-0.286	-0.002	0.042	-0.157	-0.3	-0.012	0.032	0.066	-0.28	0.506	0.492	TAG51:3-FA18:1	Triacylglycerol	TAG Ester
AL	TNF-a	id_667	-0.01	-0.045	0.031	0.64	-0.147	-0.284	-0.021	0.036	-0.157	-0.288	-0.018	0.034	0.065	-0.368	0.445	0.622	TAG51:4-FA16:0	Triacylglycerol	TAG Ester
AL	TNF-a	id_755	0.007	-0.01	0.033	0.476	-0.164	-0.309	-0.025	0.026	-0.157	-0.302	-0.018	0.032	-0.044	-0.479	0.132	0.492	TAG53:3-FA18:0	Triacylglycerol	TAG Ester
AL	TNF-a	id_760	-0.004	-0.028	0.013	0.64	-0.153	-0.291	-0.015	0.026	-0.157	-0.293	-0.02	0.02	0.028	-0.16	0.352	0.64	TAG53:4-FA18:0	Triacylglycerol	TAG Ester
AL	TNF-a	id_761	-0.005	-0.039	0.034	0.794	-0.152	-0.288	-0.019	0.022	-0.157	-0.296	-0.022	0.02	0.031	-0.452	0.37	0.778	TAG53:4-FA18:1	Triacylglycerol	TAG Ester
AL	TNF-a	id_765	0.009	-0.019	0.041	0.464	-0.167	-0.3	-0.02	0.022	-0.157	-0.294	-0.008	0.036	-0.06	-0.802	0.224	0.496	TAG53:5-FA18:1	Triacylglycerol	TAG Ester
AL	TNF-a	id_766	-0.005	-0.043	0.037	0.814	-0.153	-0.296	-0.004	0.044	-0.157	-0.296	0.004	0.062	0.029	-0.519	0.525	0.8	TAG53:5-FA18:2	Triacylglycerol	TAG Ester
AL	TNF-a	id_769	0.009	-0.017	0.034	0.462	-0.166	-0.302	-0.03	0.016	-0.157	-0.295	-0.018	0.022	-0.056	-0.654	0.138	0.476	TAG53:6-FA18:1	Triacylglycerol	TAG Ester
AL	TNF-a	id_770	0.003	-0.031	0.034	0.864	-0.161	-0.299	-0.005	0.044	-0.157	-0.297	-0.007	0.038	-0.021	-0.441	0.324	0.878	TAG53:6-FA18:2	Triacylglycerol	TAG Ester
AL	TNF-a	id_771	0.003	-0.029	0.038	0.854	-0.16	-0.292	-0.022	0.022	-0.157	-0.296	-0.015	0.026	-0.018	-0.591	0.275	0.868	TAG53:6-FA18:3	Triacylglycerol	TAG Ester
AL	TNF-a	id_773	-0.006	-0.033	0.02	0.674	-0.151	-0.288	0.004	0.056	-0.157	-0.293	-0.004	0.048	0.037	-0.241	0.47	0.678	TAG53:7-FA18:3	Triacylglycerol	TAG Ester
AL	TNF-a	id_856	0.005	-0.037	0.05	0.836	-0.162	-0.301	-0.024	0.02	-0.157	-0.303	-0.019	0.026	-0.03	-0.713	0.391	0.854	TAG55:6-FA18:1	Triacylglycerol	TAG Ester
AL	TNF-a	id_857	0.002	-0.019	0.027	0.862	-0.159	-0.3	-0.016	0.03	-0.157	-0.296	-0.011	0.036	-0.011	-0.346	0.184	0.874	TAG55:6-FA20:3	Triacylglycerol	TAG Ester
AL	TNF-a	id_860	-0.004	-0.038	0.023	0.734	-0.153	-0.291	-0.012	0.028	-0.157	-0.293	-0.016	0.032	0.028	-0.269	0.479	0.734	TAG55:7-FA18:1	Triacylglycerol	TAG Ester
AL	TNF-a	id_861	-0.001	-0.025	0.018	0.908	-0.156	-0.301	-0.016	0.024	-0.157	-0.301	-0.018	0.026	0.006	-0.207	0.193	0.906	TAG55:7-FA20:3	Triacylglycerol	TAG Ester
AL	TNF-a	id_862	0	-0.03	0.024	0.94	-0.157	-0.288	-0.019	0.022	-0.157	-0.288	-0.015	0.032	0.002	-0.485	0.268	0.928	TAG55:7-FA20:4	Triacylglycerol	TAG Ester
AL	TNF-a	id_864	0.01	-0.014	0.04	0.416	-0.167	-0.313	-0.023	0.034	-0.157	-0.301	-0.002	0.048	-0.061	-0.52	0.147	0.448	TAG55:8-FA20:4	Triacylglycerol	TAG Ester
AL	TNF-a	id_939	0.003	-0.028	0.035	0.894	-0.16	-0.293	-0.029	0.01	-0.157	-0.296	-0.029	0.018	-0.017	-0.384	0.265	0.908	TAG57:9-FA22:6	Triacylglycerol	TAG Ester
AL	TNF-a	id_978	0	-0.013	0.014	0.976	-0.157	-0.293	-0.007	0.04	-0.157	-0.294	-0.009	0.04	-0.001	-0.137	0.152	0.984	Total CE	Neutral Complex Lipids SUM	Cholesteryl Esters

AL	TNF-a	id_979	0	-0.019	0.014	0.962	-0.157	-0.294	-0.015	0.038	-0.157	-0.294	-0.015	0.04	0.003	-0.131	0.169	0.966	Total CER	Sphingolipid SUM	Ceramides
AL	TNF-a	id_981	0.002	-0.022	0.028	0.872	-0.159	-0.31	-0.029	0.018	-0.157	-0.305	-0.026	0.024	-0.01	-0.344	0.22	0.876	Total DCER	Sphingolipid SUM	Dihydroceramides
AL	TNF-a	id_982	0.001	-0.017	0.025	0.862	-0.159	-0.301	-0.015	0.024	-0.157	-0.297	-0.017	0.026	-0.009	-0.245	0.157	0.868	Total HCER	Sphingolipid SUM	Hexosylceramides
AL	TNF-a	id_983	-0.002	-0.021	0.015	0.868	-0.155	-0.289	-0.003	0.046	-0.157	-0.287	-0.002	0.038	0.011	-0.203	0.217	0.878	Total LCER	Sphingolipid SUM	Lactosylceramides
AL	TNF-a	id_987	-0.002	-0.025	0.017	0.788	-0.155	-0.309	-0.006	0.044	-0.157	-0.307	-0.01	0.038	0.014	-0.165	0.228	0.798	Total PC	Phospholipid SUM	Phosphatidylcholines
AL	TNF-a	id_990	0	-0.014	0.018	0.984	-0.157	-0.292	-0.021	0.024	-0.157	-0.294	-0.016	0.026	-0.002	-0.179	0.151	0.982	Total SM	Sphingolipid SUM	Sphingomyelins
AL	TNF-a	id_039	-0.001	-0.015	0.009	0.722	-0.156	-0.29	-0.011	0.036	-0.157	-0.293	-0.011	0.03	0.008	-0.108	0.154	0.728	CE(22:1) DAG(12:0/18:1)	Cholesterol Ester	CE Ester
AL	TNF-a	id_060	0.004	-0.015	0.017	0.578	-0.162	-0.298	-0.013	0.034	-0.157	-0.296	-0.01	0.038	-0.028	-0.238	0.135	0.6	DAG(14:1/16:0)	Diacylglycerol	DAG Ester
AL	TNF-a	id_071	-0.006	-0.031	0.009	0.47	-0.151	-0.29	-0.003	0.048	-0.157	-0.296	-0.01	0.036	0.037	-0.126	0.341	0.482	DAG(14:1/18:1)	Diacylglycerol	DAG Ester
AL	TNF-a	id_072	-0.001	-0.032	0.037	0.99	-0.157	-0.296	-0.018	0.032	-0.157	-0.301	-0.013	0.028	0.003	-0.471	0.319	0.982	1)	Diacylglycerol	DAG Ester
AL	TNF-a	id_150	0.006	-0.014	0.037	0.59	-0.163	-0.294	-0.005	0.044	-0.157	-0.288	-0.005	0.044	-0.038	-0.374	0.142	0.594	LCER(24:1)	Sphingolipids	Lactosylceramide
AL	TNF-a	id_151	-0.014	-0.048	0.006	0.248	-0.143	-0.283	-0.006	0.044	-0.157	-0.294	-0.02	0.026	0.088	-0.087	0.54	0.27	LCER(26:0)	Sphingolipids	Lactosylceramide
AL	TNF-a	id_160	0.001	-0.013	0.021	0.842	-0.158	-0.319	-0.005	0.038	-0.157	-0.317	-0.007	0.04	-0.005	-0.232	0.144	0.846	LPC(18:2)	Lysophosphatidylcholine	LPC Ester
AL	TNF-a	id_196	-0.001	-0.019	0.012	0.888	-0.156	-0.288	-0.008	0.036	-0.157	-0.288	-0.009	0.032	0.005	-0.14	0.184	0.892	MAG(18:3)	MAG	Ester
AL	TNF-a	id_199	-0.003	-0.023	0.011	0.764	-0.154	-0.289	0	0.052	-0.157	-0.292	-0.007	0.046	0.019	-0.122	0.244	0.762	MAG(20:1)	MAG	Ester
AL	TNF-a	id_200	-0.004	-0.033	0.017	0.724	-0.153	-0.286	-0.004	0.042	-0.157	-0.295	-0.01	0.038	0.028	-0.212	0.434	0.718	MAG(20:2)	MAG	Ester
AL	TNF-a	id_201	-0.002	-0.026	0.012	0.744	-0.155	-0.296	-0.011	0.03	-0.157	-0.301	-0.014	0.026	0.015	-0.102	0.25	0.75	MAG(20:3)	MAG	Ester
AL	TNF-a	id_251	0	-0.017	0.018	0.988	-0.157	-0.304	-0.012	0.028	-0.157	-0.301	-0.013	0.034	0	-0.201	0.204	0.994	PC(16:0/22:6)	Phosphatidylcholine	PC Ester
AL	TNF-a	id_288	0.003	-0.015	0.032	0.712	-0.161	-0.305	-0.001	0.048	-0.157	-0.301	0.002	0.054	-0.022	-0.301	0.18	0.714	PC(18:1/22:6)	Phosphatidylcholine	PC Ester
AL	TNF-a	id_293	0.002	-0.014	0.02	0.856	-0.159	-0.301	-0.026	0.018	-0.157	-0.3	-0.026	0.018	-0.013	-0.219	0.164	0.858	PC(18:2/20:2)	Phosphatidylcholine	PC Ester
AL	TNF-a	id_298	0.007	-0.012	0.034	0.496	-0.164	-0.302	-0.014	0.032	-0.157	-0.298	-0.009	0.038	-0.042	-0.364	0.132	0.502	PC(18:2/22:5)	Phosphatidylcholine	PC Ester
AL	TNF-a	id_332	-0.001	-0.021	0.016	0.874	-0.156	-0.293	-0.013	0.034	-0.157	-0.297	-0.016	0.028	0.006	-0.139	0.253	0.874	PE(18:0/18:0)	Phosphatidylethanolamine	PE Ester

AL	TNF-a	id_359	0	-0.02	0.011	0.862	-0.157	-0.296	-0.025	0.02	-0.157	-0.296	-0.029	0.024	0.001	-0.116	0.22	0.866	PE(18:2/16:1)	Phosphatidylethanolamine	PE Ester
AL	TNF-a	id_366	0.004	-0.029	0.027	0.9	-0.161	-0.306	-0.015	0.028	-0.157	-0.308	-0.016	0.03	-0.023	-0.358	0.296	0.918	PE(O-16:0/18:2)	Phosphatidylethanolamine	PE Ether
AL	TNF-a	id_368	0.006	-0.03	0.051	0.726	-0.164	-0.292	-0.044	0.012	-0.157	-0.286	-0.034	0.018	-0.04	-0.594	0.223	0.736	PE(O-16:0/20:4)	Phosphatidylethanolamine	PE Ether
AL	TNF-a	id_372	0.035	-0.004	0.084	0.072	-0.192	-0.324	-0.05	0.012	-0.157	-0.298	-0.008	0.042	-0.222	-1.617	0.115	0.114	PE(O-16:0/22:6)	Phosphatidylethanolamine	PE Ether
AL	TNF-a	id_378	0.008	-0.026	0.052	0.61	-0.166	-0.299	-0.03	0.014	-0.157	-0.294	-0.013	0.024	-0.053	-0.828	0.238	0.63	PE(O-18:0/20:4)	Phosphatidylethanolamine	PE Ether
AL	TNF-a	id_381	0.005	-0.015	0.034	0.662	-0.162	-0.301	-0.021	0.026	-0.157	-0.293	-0.017	0.036	-0.03	-0.428	0.219	0.686	PE(O-18:0/22:5)	Phosphatidylethanolamine	PE Ether
AL	TNF-a	id_382	-0.003	-0.032	0.02	0.796	-0.154	-0.295	-0.005	0.046	-0.157	-0.299	-0.011	0.042	0.02	-0.264	0.283	0.79	PE(O-18:0/22:6)	Phosphatidylethanolamine	PE Ether
AL	TNF-a	id_387	0.004	-0.015	0.028	0.772	-0.161	-0.307	-0.016	0.03	-0.157	-0.301	-0.017	0.038	-0.025	-0.366	0.137	0.79	PE(P-16:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen
AL	TNF-a	id_392	0.012	-0.008	0.049	0.348	-0.169	-0.313	-0.022	0.02	-0.157	-0.296	-0.004	0.046	-0.075	-0.901	0.109	0.378	PE(P-16:0/20:4)	Phosphatidylethanolamine	PE Plasmalogen
AL	TNF-a	id_395	0.001	-0.014	0.019	0.892	-0.158	-0.3	-0.021	0.032	-0.157	-0.296	-0.02	0.03	-0.005	-0.213	0.146	0.886	PE(P-16:0/22:5)	Phosphatidylethanolamine	PE Plasmalogen
AL	TNF-a	id_396	0.007	-0.018	0.04	0.57	-0.165	-0.295	-0.022	0.032	-0.157	-0.292	-0.016	0.038	-0.047	-0.464	0.196	0.596	PE(P-16:0/22:6)	Phosphatidylethanolamine	PE Plasmalogen
AL	TNF-a	id_401	0.004	-0.013	0.029	0.678	-0.161	-0.296	-0.013	0.034	-0.157	-0.294	-0.005	0.042	-0.023	-0.384	0.177	0.704	PE(P-18:0/18:1)	Phosphatidylethanolamine	PE Plasmalogen
AL	TNF-a	id_402	0.001	-0.018	0.021	0.962	-0.159	-0.295	-0.022	0.016	-0.157	-0.295	-0.023	0.012	-0.009	-0.274	0.193	0.966	PE(P-18:0/18:2)	Phosphatidylethanolamine	PE Plasmalogen
AL	TNF-a	id_406	0.007	-0.01	0.04	0.476	-0.164	-0.306	-0.015	0.028	-0.157	-0.3	-0.003	0.042	-0.042	-0.623	0.104	0.494	PE(P-18:0/20:4)	Phosphatidylethanolamine	PE Plasmalogen
AL	TNF-a	id_409	0.004	-0.012	0.029	0.708	-0.161	-0.313	-0.028	0.02	-0.157	-0.314	-0.026	0.022	-0.024	-0.303	0.113	0.718	PE(P-18:0/22:5)	Phosphatidylethanolamine	PE Plasmalogen
AL	TNF-a	id_410	0.003	-0.027	0.035	0.818	-0.161	-0.305	-0.026	0.02	-0.157	-0.306	-0.021	0.03	-0.022	-0.472	0.23	0.824	PE(P-18:0/22:6)	Phosphatidylethanolamine	PE Plasmalogen

AL	TNF-a	id_411	-0.002	-0.025	0.016	0.778	-0.155	-0.302	-0.018	0.024	-0.157	-0.306	-0.018	0.022	0.015	-0.151	0.242	0.78	PE(P- 18:1/16:0)	Phosphatidyleth anolamine	PE Plasmalogen
AL	TNF-a	id_415	0.007	-0.016	0.038	0.556	-0.164	-0.307	-0.031	0.016	-0.157	-0.299	-0.022	0.014	-0.042	-0.489	0.143	0.566	PE(P- 18:1/18:2)	Phosphatidyleth anolamine	PE Plasmalogen
AL	TNF-a	id_419	0.014	-0.007	0.053	0.216	-0.172	-0.31	-0.046	0.006	-0.157	-0.298	-0.025	0.016	-0.092	-0.84	0.072	0.232	PE(P- 18:1/20:4)	Phosphatidyleth anolamine	PE Plasmalogen
AL	TNF-a	id_421	0.003	-0.038	0.051	0.874	-0.16	-0.3	-0.017	0.028	-0.157	-0.286	-0.022	0.034	-0.019	-0.633	0.406	0.884	PE(P- 18:1/22:4)	Phosphatidyleth anolamine	PE Plasmalogen
AL	TNF-a	id_422	0.005	-0.015	0.035	0.596	-0.162	-0.302	-0.02	0.016	-0.157	-0.289	-0.013	0.026	-0.032	-0.506	0.173	0.618	PE(P- 18:1/22:5)	Phosphatidyleth anolamine	PE Plasmalogen
AL	TNF-a	id_423	0.009	-0.015	0.039	0.428	-0.167	-0.306	-0.004	0.042	-0.157	-0.296	0.004	0.056	-0.06	-0.585	0.273	0.472	PE(P- 18:1/22:6)	Phosphatidyleth anolamine	PE Plasmalogen
AL	TNF-a	id_424	0.004	-0.028	0.035	0.794	-0.162	-0.307	-0.025	0.024	-0.157	-0.296	-0.023	0.024	-0.028	-0.376	0.252	0.79	PE(P- 18:2/18:2)	Phosphatidyleth anolamine	PE Plasmalogen
AL	TNF-a	id_425	0.003	-0.013	0.025	0.786	-0.16	-0.303	-0.018	0.032	-0.157	-0.299	-0.017	0.036	-0.019	-0.271	0.141	0.794	PE(P- 18:2/20:4)	Phosphatidyleth anolamine	PE Plasmalogen

Table S12: Mediation analysis of changes in ceramide species and adiponectin levels from baseline to 12 months.

G ro u p	Met abo lite	ACM E_est imate	ACM E_CI _low	ACM E_CI _high	AC M E_p	ADE _esti mate	ADE _CI_ low	ADE _CI_ high	A D E_p	Tot al_e ffec t	Tota l_CI_ _low	Tota l_CI_ _high	To ta l_p	Proport ion_me diated	Prop_ med_ CI_lo w	Prop_ med_ CI_high	Pro p_m ed_p	Bioc hemi cal	Super_pat hway	Sub_pa thway
C R	id_ 023	- 0.009 53	- 0.04 293	- 0.01 153	0. 49 6	- 0.19 014	- 0.3 003 7	- 0.09 819	0	- 0.1 996 7	- 0.32 934	- 0.09 84	0	0.0477 41	- 0.074 82	0.163 424	0.49 6	CE(1 5:0)	Cholestero l Ester	CE Ester
C R	id_ 024	- 0.011 23	- 0.03 699	- 0.00 4197	0. 20 8	- 0.11 498	- 0.1 951 7	- 0.05 026	0	- 0.1 262 1	- 0.22 276	- 0.05 419	0	0.0889 84	- 0.047 43	0.229 217	0.20 8	CE(1 6:0)	Cholestero l Ester	CE Ester
C R	id_ 026	- 0.021 91	- 0.05 657	- 0.00 211	0. 01	- 0.18 187	- 0.2 953 4	- 0.08 728	0	- 0.2 037 8	- 0.33 798	- 0.10 057	0	0.1075 36	0.014 616	0.220 743	0.01	CE(1 7:0)	Cholestero l Ester	CE Ester
C R	id_ 027	- 0.026 83	- 0.06 232	- 0.00 521	0. 01 6	- 0.14 153	- 0.2 395 8	- 0.06 276	0	- 0.1 683 5	- 0.28 479	- 0.08 043	0	0.1593 44	0.038 639	0.328 581	0.01 6	CE(1 8:0)	Cholestero l Ester	CE Ester
C R	id_ 028	- 0.010 99	- 0.04 013	- 0.00 2667	0. 16 4	- 0.11 592	- 0.2 054 9	- 0.04 537	0	- 0.1 269 1	- 0.23 699	- 0.04 963	0	0.0865 83	0.028 83	0.245 011	0.16 4	CE(1 8:1)	Cholestero l Ester	CE Ester
C R	id_ 029	- 0.009 15	- 0.03 442	- 0.00 4561	0. 30 6	- 0.12 456	- 0.2 092 5	- 0.05 659	0	- 0.1 337 1	- 0.23 397	- 0.05 685	0	0.0684 18	- 0.055 03	0.190 682	0.30 6	CE(1 8:2)	Cholestero l Ester	CE Ester

C R	id_ 033	- 0.014 71	- 0.04 791	0.00 5149	0. 20 8	- 0.07 484	- 0.1 820 4	0.01 376	0. 1 0 8	- 0.0 895 5	- 0.21 595	0.00 846 2	0. 08 4	0.1642 98	- 0.387 69	0.774 688	0.25 2	CE(2 0:1)	Cholestero l Ester	CE Ester
C R	id_ 034	- 0.015 86	- 0.05 137	0.00 4439	0. 18	- 0.17 146	- 0.2 843 1	0.08 052	0. 0	- 0.1 873 2	- 0.31 769	- 0.08 541	0. 0	0.0846 81	- 0.033 99	0.213 741	0.18	CE(2 0:2)	Cholestero l Ester	CE Ester
C R	id_ 035	- 0.020 51	- 0.06 416	0.00 3395	0. 14 4	- 0.21 628	- 0.3 536 8	0.10 545	0. 0	- 0.2 367 9	- 0.40 536	- 0.11 59	0. 0	0.0866 27	- 0.017 73	0.209 267	0.14 4	CE(2 0:3)	Cholestero l Ester	CE Ester
C R	id_ 036	- 0.017 92	- 0.04 795	0.00 127	0. 01 8	- 0.12 59	- 0.2 232 1	0.05 006	0. 0 2	- 0.1 438 1	- 0.25 534	- 0.06 209	0. 0	0.1245 76	0.011 032	0.299 547	0.01 8	CE(2 0:4)	Cholestero l Ester	CE Ester
C R	id_ 041	- 0.018 07	- 0.04 665	0.00 11	0. 03	- 0.10 082	- 0.1 927 3	0.02 342	0. 0 1	- 0.1 188 8	- 0.22 213	- 0.03 208	0. 00 2	0.1519 77	0.011 015	0.422 987	0.03 2	CE(2 2:4)	Cholestero l Ester	CE Ester
C R	id_ 042	- 0.023 08	- 0.05 249	0.00 356	0. 01 8	- 0.09 057	- 0.1 869 2	0.01 498	0. 0 4	- 0.1 136 6	- 0.22 716	- 0.03 2	0. 00 6	0.2031 05	0.033 663	0.574 699	0.02 4	CE(2 2:5)	Cholestero l Ester	CE Ester
C R	id_ 043	- 0.028 18	- 0.06 568	0.00 204	0. 03	- 0.02 43	- 0.1 463 9	0.09 171	0. 2 8	- 0.0 524 8	- 0.18 481	0.07 109 6	0. 0. 43	0.5369 28	- 3.721 77	4.139 326	0.44	CE(2 2:6)	Cholestero l Ester	CE Ester
C R	id_ 044	- 0.021 84	- 0.05 901	0.00 1434	0. 07 6	- 0.01 057	- 0.1 293 1	0.11 510 7	0. 0. 8 9	- 0.0 324 1	- 0.15 006	0.08 601 4	0. 0. 62 8	0.6739 68	- 3.773 49	5.882 095	0.67 2	CE(2 4:0)	Cholestero l Ester	CE Ester
C	id_ 045	- 0.022 85	- 0.05 902	0.00 1435	0. 07 6	- 0.01 058	- 0.1 294 1	0.11 511 7	0. 0. 8 9	- 0.0 325 1	- 0.15 007	0.08 602 4	0. 0. 62 8	0.2005	- 3.774 50	5.883 096	0.20	CE(2 4:0)	Cholestero l Ester	CE Ester

R	045	0.01271	0.03451	2587	114	0.05068	0.12746	4208	202	0.0634	0.15174	7246	126	22	0.74251	991	4	4:1)	l Ester	Ester
C	id_046	-0.00175	-0.02439	0.014282	0.99	-0.14896	-0.23206	-0.08274	0	-0.15071	-0.2492	-0.07977	0	0.011608	-0.13152	0.113629	0.99	CER(14:0)	Sphingolipids	Ceramide
C	id_047	-0.01743	-0.04872	-0.00066	0.038	-0.1109	-0.20815	-0.03354	0	-0.12833	-0.24616	-0.04468	0	0.13581	0.007951	0.34125	0.038	CER(16:0)	Sphingolipids	Ceramide
C	id_048	-0.03235	-0.07165	-0.00492	0.018	-0.19846	-0.31004	-0.10596	0	-0.23081	-0.35776	-0.12733	0	0.140162	0.028753	0.298333	0.018	CER(18:0)	Sphingolipids	Ceramide
C	id_049	-0.02164	-0.06715	0.002875	0.136	-0.22829	-0.37262	-0.10382	0	-0.24994	-0.41737	-0.11106	0	0.086595	-0.019	0.21249	0.136	CER(18:1)	Sphingolipids	Ceramide
C	id_050	-0.02822	-0.06951	-0.00424	0.016	-0.15129	-0.2559	-0.07125	0	-0.17951	-0.30882	-0.09166	0	0.157199	0.027355	0.302086	0.016	CER(20:0)	Sphingolipids	Ceramide
C	id_051	-0.00853	-0.03745	0.007188	0.454	-0.13567	-0.23072	-0.05645	0	-0.1442	-0.25349	-0.05966	0	0.059157	-0.07831	0.198902	0.454	CER(20:1)	Sphingolipids	Ceramide
C	id_052	-0.0404	-0.09011	-0.00755	0.022	-0.18576	-0.30892	-0.088	0	-0.22616	-0.38009	-0.1158	0	0.178624	0.038649	0.335962	0.022	CER(22:0)	Sphingolipids	Ceramide
C	id_053	-0.020	-0.05	-0.00	0.01	-0.18	-0.2	-0.11	0	-0.2	-0.31	-0.12	0	0.103104	0.01532	0.211627	0.014	CER(22:1)	Sphingolipids	Ceramide

		9	47	256	4	181	742 1	121		027 1	996									
C R	id_ 054	- 0.034 92	- 0.08 374	- 0.00 634	0. 01 6	- 0.15 699	- 0.2 695 2	- 0.06 673	0	0.1 919 1	- 0.32 964	- 0.09 082	0	0.1819 73	0.041 827	0.352 187	0.01 6	CER(24:0)	Sphingolipi ds	Cerami de
C R	id_ 055	- 0.025 04	- 0.06 359	- 0.00 317	0. 00 8	- 0.10 284	- 0.1 947 3	- 0.02 622	0. 0 4	0.1 278 8	- 0.23 313	- 0.04 076	0. 00 2	0.1958 1	0.038 768	0.490 575	0.01	CER(24:1)	Sphingolipi ds	Cerami de
C R	id_ 057	- 0.010 12	- 0.03 378	0.00 2357	0. 14 6	- 0.06 963	- 0.1 444 8	0.00 380 8	0. 0 6	0.0 797 6	- 0.16 655	- 0.00 269	0. 04	0.1269 22	0.104 2	0.626 639	0.17 8	CER(26:1)	Sphingolipi ds	Cerami de
C R	id_ 116	- 0.008 66	- 0.03 698	0.00 6648	0. 34 8	- 0.18 822	- 0.2 986	- 0.09 118	0	0.1 968 8	- 0.31 402	- 0.09 493	0	0.0439 92	0.043 16	0.163 232	0.34 8	DCE R(14: 0)	Sphingolipi ds	Dihydr ocera mide
C R	id_ 117	- 0.016 46	- 0.04 592	- 0.00 12	0. 01 2	- 0.06 83	- 0.1 606 9	- 0.00 424	0. 0 6	0.0 847 5	- 0.19 332	- 0.01 348	0. 00 8	0.1941 74	0.022 139	0.705 124	0.02	DCE R(16: 0)	Sphingolipi ds	Dihydr ocera mide
C R	id_ 118	- 0.013 98	- 0.04 045	0.00 0973	0. 07 6	- 0.09 971	- 0.1 917 8	- 0.02 059	0. 0 2	0.1 136 9	- 0.22 051	- 0.02 588	0. 00 2	0.1229 98	0.015 66	0.342 847	0.07 8	DCE R(18: 0)	Sphingolipi ds	Dihydr ocera mide
C R	id_ 119	- 0.014 47	- 0.05 558	0.00 76	0. 24 6	- 0.09 637	- 0.2 192	0.00 872	0. 7 8	0.1 108 4	- 0.26 01	0.00 906 9	0. 08	0.1305 67	0.251 14	0.508 923	0.23	DCE R(18: 1)	Sphingolipi ds	Dihydr ocera mide
C R	id_ 120	- 0.009 46	- 0.03 65	0.00 2458	0. 20 8	- 0.08 742	- 0.1 666	- 0.03 112	0	0.0 968	- 0.19 589	- 0.03 486	0	0.0976 37	0.040 52	0.251 99	0.20 8	DCE R(20: 0)	Sphingolipi ds	Dihydr ocera mide

										8										
C R	id_ 121	- 0.009 19	- 0.04 5	0.00 49 835	- 0.10 844	0.2 198 8	- 0.01 809	0. 0 1 2	- 0.1 176 3	- 0.25 016	- 0.01 777	0. 01	0.0781 55	- 0.191 44	0.265 189	0.49 8	DCE R(20: 1)	Sphingolipi ds	Dihydr ocera mide	
C R	id_ 122	- 0.021 93	- 0.05 613	- 0.00 374	0. 01 4	0.2 568 1	- 0.07 884	- 0.1 837 2	- 0.29 46	- 0.09 2	0	0.1193 42	0.026 748	0.241 1	0.01 4	DCE R(22: 0)	Sphingolipi ds	Dihydr ocera mide		
C R	id_ 123	- 0.009 39	- 0.03 558	0.00 1383	0. 16 955	0.1 396 6	- 0.01 858	0. 0 4	0.0 789 3	- 0.17 227	- 0.02 133	0. 00 2	0.1189 1	- 0.032 33	0.284 718	0.15 8	DCE R(22: 1)	Sphingolipi ds	Dihydr ocera mide	
C R	id_ 124	- 0.026 37	- 0.06 417	- 0.00 308	0. 01 2	0.2 382 8	- 0.02 545	0. 0 4	0.1 457 2	- 0.28 314	- 0.03 884	0. 00 2	0.1809 76	0.025 974	0.499 766	0.01 4	DCE R(22: 2)	Sphingolipi ds	Dihydr ocera mide	
C R	id_ 125	- 0.026 98	- 0.06 946	- 0.00 412	0. 01 4	0.2 836 6	- 0.07 367	- 0.1 989 8	- 0.34 666	- 0.09 282	0	0.1355 7	0.024 845	0.302 938	0.01 4	DCE R(24: 0)	Sphingolipi ds	Dihydr ocera mide		
C R	id_ 126	- 0.011 55	- 0.03 802	0.00 0213	0. 06 2	0.1 555 3	- 0.01 528	- 0.0 834 2	- 0.18 098	- 0.01 967	0	0.1385 09	0.004 94	0.322 134	0.06 2	DCE R(24: 1)	Sphingolipi ds	Dihydr ocera mide		
C R	id_ 128	- 0.006 69	- 0.02 941	0.00 5273	0. 40 8	0.0 924 7	0.04 019 3	0. 6 1 6	0.0 266 5	- 0.11 767	0.04 024 8	0. 55	0.2510 12	- 2.183 72	1.266 298	0.44 6	DCE R(26: 1)	Sphingolipi ds	Dihydr ocera mide	
C R	id_ 129	- 0.005 737	- 0.01 329	0.02 3186	0. 46 2	0.1 682 8	- 0.01 964	0. 0 6	0.0 793 6	- 0.17 305	- 0.00 705	0. 02 4	0.0722 9	- 1.050 97	0.123 514	0.48 6	HCE R(14: 0)	Sphingolipi ds	Hexosy lcerami de	

C R	id_ 130	- 0.014 27	- 0.04 458	0.00 2297	0. 11 2	- 0.06 743	- 0.1 597 3	0.00 857 3	0. 0 4	- 0.0 817	- 0.19 119	0.00 096 6	0. 05 4	0.1746 83	0.234 51	0.764 658	0.16 2	HCE R(16: 0)	Sphingolipi ds	Hexosy lcerami de
C R	id_ 131	- 0.000 58	- 0.02 067	0.01 7743	0. 95 6	- 0.04 917	- 0.1 320 9	0.02 691 1	0. 2 6 4	- 0.0 497 6	- 0.14 512	0.03 261 5	0. 28 8	0.0117 02	1.565 56	1.457 451	0.9	HCE R(18: 0)	Sphingolipi ds	Hexosy lcerami de
C R	id_ 132	- 0.007 04	- 0.02 978	0.00 7105	0. 52 8	- 0.13 131	- 0.2 188 6	- 0.05 93	0. 0	0.1 383 5	- 0.24 146	- 0.06 121	0	0.0508 57	0.085 98	0.179 349	0.52 8	HCE R(18: 1)	Sphingolipi ds	Hexosy lcerami de
C R	id_ 133	- 0.015 96	- 0.04 961	0.00 1504	0. 09 2	- 0.03 981	- 0.1 495 3	0.04 987 8	0. 4 3 6	- 0.0 557 6	- 0.18 739	0.04 295 2	0. 34 6	0.2861 26	1.899 13	1.756 175	0.35 4	HCE R(20: 0)	Sphingolipi ds	Hexosy lcerami de
C R	id_ 134	- 0.001 79	- 0.02 491	0.01 6203	0. 97 6	- 0.12 064	- 0.2 137 6	- 0.04 321	0. 0 2	0.1 224 3	- 0.22 448	- 0.03 711	0. 00 8	0.0146 11	0.237 29	0.166 715	0.97 2	HCE R(20: 1)	Sphingolipi ds	Hexosy lcerami de
C R	id_ 135	- 0.023 57	- 0.06 333	0.00 258	0. 01 6	- 0.05 769	- 0.1 712 6	0.03 590 2	0. 2 6	- 0.0 812 6	- 0.22 093	0.01 815 2	0. 15	0.2900 33	1.188 79	2.097 897	0.16 6	HCE R(22: 0)	Sphingolipi ds	Hexosy lcerami de
C R	id_ 136	- 0.002 49	- 0.02 571	0.01 2336	0. 80 4	- 0.10 646	- 0.1 978 1	- 0.02 554	0. 0 2	0.1 089 4	- 0.21 147	- 0.02 357	0. 00 4	0.0228 5	0.248 57	0.203 247	0.8	HCE R(22: 1)	Sphingolipi ds	Hexosy lcerami de
C R	id_ 137	- 0.020 69	- 0.05 198	0.00 151	0. 02 2	- 0.03 128	- 0.1 295 7	0.05 833	0. 4 8 8	- 0.0 519 7	- 0.16 63	0.04 530 2	0. 28	0.3980 88	2.835 23	3.207 957	0.29 4	HCE R(24: 0)	Sphingolipi ds	Hexosy lcerami de
C	id_ 138	-	-	0.00	0.	0.02	-	0.10	0.	0.0	-	0.09	0.	-	-	2.941	0.78	HCE	Sphingolipi	Hexosy

R	138	0.011 28	0.03 522	3407	16 8	7143	0.0 636 3	75	4 9 6	158 58	0.08 173	970 9	67 6	0.7115 9	2.767 18	782		R(24: 1)	ds	lcerami de
C R	id_ 139	- 0.003 49	- 0.03 3	0.01 5612	0. 77 2	- 0.05 128	- 0.1 563 9	0.03 260 9	0. 2 2	- 0.0 547 7	- 0.18 31	0.03 480 1	0. 0. 26	0.0636 55	- 1.422 72	0.932 046	0.60 8	HCE R(26: 0)	Sphingolipi ds	Hexosy lcerami de
C R	id_ 141	0.022 286	0.00 213 2	0.04 7327	0. 01 8	- 0.03 957	- 0.1 163 1	0.03 746 8	0. 2 9	- 0.0 172 8	- 0.10 198	0.06 358 4	0. 68 8	-1.2898	- 7.226 37	7.333 733	0.70 2	LCER (14:0)	Sphingolipi ds	Lactos ylcera mide
C R	id_ 142	0.005 842	- 0.00 527	0.02 0595	0. 34 2	0.02 3076	- 0.0 433 5	0.08 425	0. 4 6	0.0 289 18	- 0.03 95	0.09 141	0. 42	0.2020 05	- 1.599 1	2.181 935	0.46 2	LCER (16:0)	Sphingolipi ds	Lactos ylcera mide
C R	id_ 144	- 0.003 21	- 0.02 171	0.00 7402	0. 64 6	- 0.01 95	- 0.0 838 5	0.03 905 4	0. 5 3	- 0.0 227	- 0.09 618	0.03 700 2	0. 49 2	0.1412 88	- 1.565 85	1.678 799	0.61 8	LCER (18:1)	Sphingolipi ds	Lactos ylcera mide
C R	id_ 145	0.007 676	- 0.00 633	0.02 4537	0. 24 8	- 0.05 453	- 0.1 200 6	0.00 452 1	0. 7 4	- 0.0 468 6	- 0.11 748	0.01 334 1	0. 15	- 0.1638 2	- 2.204 1	1.700 178	0.39	LCER (20:0)	Sphingolipi ds	Lactos ylcera mide
C R	id_ 146	- 0.000 58	- 0.01 825	0.01 4522	0. 94 6	- 0.02 423	- 0.0 995 4	0.04 479	0. 3 8	- 0.0 248 2	- 0.11 276	0.04 489 6	0. 56	0.0234 53	- 1.675 64	1.476 075	0.87 8	LCER (20:1)	Sphingolipi ds	Lactos ylcera mide
C R	id_ 147	0.013 099	- 0.00 069	0.03 2546	0. 07 4	- 0.03 101	- 0.1 042 3	0.03 898	0. 6 2	- 0.0 179 1	- 0.09 69	0.05 468	0. 61 2	- 0.7313 2	- 6.112 21	5.772 708	0.66 6	LCER (22:0)	Sphingolipi ds	Lactos ylcera mide
C R	id_ 148	0.006 702	- 0.00	0.02 3467	0. 26	- 0.00	- 0.0 0.0	0.06 537	0. 8	0.0 015	- 0.07 0.07	0.07 34	0. 96	4.4693 14	- 3.485	3.168 081	0.87 8	LCER (22:1)	Sphingolipi ds	Lactos ylcera

			427		4	52	792	9	8 4		428		6		48			)		mide
C R	id_ 149	0.013 56	6.41 E-05	0.03 4597	0. 04 6	0.02 225	- 0.0 494 2	0.10 070 4	0. 5 4 6	0.0 358 11	- 0.11 706 9	0. 32 2	0.3786 7	- 2.115 81	3.105 742	0.33 2	LCER (24:0)	Sphingolipi ds	Lactos ylcera mide	
C R	id_ 152	0.010 75	- 0.00 226	0.02 6722	0. 10 8	- 0.02 473	- 0.1 011 5	0.04 013 3	0. 4 8 2	- 0.0 139 8	- 0.05 244 6	0. 68 2	- 0.7690 6	- 4.314 36	4.256 714	0.77 4	LCER (26:1)	Sphingolipi ds	Lactos ylcera mide	
C R	id_ 154	- 0.029 9	- 0.08 729	- 0.00 189	0. 0. 02	- 0.17 276	- 0.3 689 6	- 0.05 087	0. 0 6	0.2 026 6	- 0.44 389	- 0.06 00 4	0.1475 26	0.014 537	0.304 625	0.02 4	LPC(15:0)	Lysophosp hatidylchol ine	LPC Ester	
C R	id_ 157	- 0.031 17	- 0.07 3	- 0.00 452	0. 01 2	- 0.09 844	- 0.2 160 5	0.00 869 6	0. 0 4	0.1 296 2	- 0.27 034	- 0.01 416	0. 02 8	0.2404 97	0.029 579	0.845 729	0.04	LPC(17:0)	Lysophosp hatidylchol ine	LPC Ester
C R	id_ 170	- 0.042 14	- 0.09 09	- 0.00 941	0. 0. 02	0.03 6535	- 0.0 942 5	0.16 572	0. 5 6	- 0.0 056	- 0.13 066 6	0. 94 8	7.5220 07	- 8.847 81	15.07 632	0.94 8	LPC(22:6)	Lysophosp hatidylchol ine	LPC Ester	
C R	id_ 181	- 0.014 81	- 0.05 04	0.00 7909	0. 23 8	- 0.10 645	- 0.2 287 2	- 0.01 08	0. 0 2	0.1 212 5	- 0.26 745	- 0.01 241	0. 0. 02	0.1221 28	0.161 4	0.406 388	0.23 4	LPE(20:4)	Lysophosp hatidyleth anolamine	LPE Ester
C R	id_ 186	0.002 121	- 0.02 508	0.02 0989	0. 79 8	- 0.04 693	- 0.1 544	0.03 940 2	0. 3 4	- 0.0 448 1	- 0.16 634	0.04 869 8	0. 0. 4	- 0.0473 2	- 1.566 36	2.318 14	0.86 2	MAG(12:0)	MAG	Ester
C R	id_ 188	- 0.017 8	- 0.07 383	0.01 2758	0. 37 2	- 0.09 837	- 0.2 870	0.03 645 7	0. 0. 3	- 0.1 161	- 0.33 965	0.04 125 3	0. 24 4	0.1532 51	- 0.406 67	0.774 734	0.26 8	MAG(14:1)	MAG	Ester

							8		6	7										
C	id_	-	-	0.	-	0.2	-	0.	-	-	0.22	0.	-	-	-	-	0.81	MAG(		
R	189	0.022	0.07	0.01	25	0.01	796	0.24	0	0.0	0.31	013	74	0.6097	1.790	3.874	0.81	15:0)	MAG	Ester
		5	727	3474	8	44	1	616	4	369	71	3	4	19	95	061	4			
C	id_	-	-	0.	-	0.3	-	0.	-	0.1	-	-	0.	-	-	-	0.19	MAG(		
R	195	0.023	0.07	0.00	0.	0.14	161	0.00	3	719	0.36	0.01	0.	0.1353	0.088	0.506	0.19	18:2)	MAG	Ester
		27	54	6334	18	865	8	599	6	3	707	646	02	7	38	237	6			
C	id_	-	-	0.	-	0.0	0.06	0.0	9	0.0	-	0.07	0.	-	-	-		MAG(		
R	203	0.002	0.02	0.01	81	0.00	814	422	1	059	0.09	769	86	0.3515	2.098	1.543		20:5)	MAG	Ester
		077	017	8441	2	3832	6	7	6	09	808	2	2	24	29	114	0.41			
C	id_	-	-	0.	-	-	-	0.	0.0	-	0.00	0.	-	-	-	-		MAG(		
R	204	0.005	0.03	0.01	71	0.07	0.1	0.00	0	758	0.18	918	09	0.0680	0.695	0.446	0.66	22:0)	MAG	Ester
		16	228	018	2	066	618	733	8	2	976	5	6	39	6	436	4			
C	id_	-	-	0.	-	-	0.05	0.	7	0.0	-	0.05	0.	-	-	-		MAG(		
R	205	0.006	0.03	0.00	54	0.02	0.1	123	0	284	0.14	260	65	0.2417	1.701	1.887	0.47	22:1)	MAG	Ester
		89	665	8589	2	16	144	5	2	9	515	4	6	15	35	308	8			
C	id_	-	-	0.	-	0.1	0.00	0.	0.0	-	0.	0.	0.	-	-	-		MAG(		
R	208	0.000	0.02	0.01	96	0.07	827	689	0	759	0.20	0.01	11	0.0066	1.023	0.731	0.93	22:5)	MAG	Ester
		51	471	9006	2	54	3	1	8	1	219	884	4	67	36	199	6			
C	id_	-	-	0.	-	0.1	0.04	0.	4	0.0	-	0.04	0.	-	-	-		MAG(		
R	209	0.008	0.03	0.00	40	0.03	241	363	5	412	0.14	020	0.	0.1995	1.165	1.373	0.48	22:6)	MAG	Ester
		23	647	7594	8	3	6	7	6	2	619	1	42	29	46	338	4			
C	id_	-	-	0.	-	0.2	-	0.	0	-	-	-	0.	-	-	-		PC(1		
R	228	0.003	0.02	0.02	72	0.11	180	0.03	0	0.1	0.23	0.02	0.	0.0267	0.521	0.130	0.73	5:0/1	Phosphati	PC
		072	249	2183	4	797	6	939	2	149	455	844	01	4	39	361	4	8:2)	dylcholine	Ester

C R	id_ 230	- 0.012 79	- 0.05 337	0.01 0627	0. 31 4	- 0.08 066	- 0.2 181 1	0.04 124 9	0. 1 9	- 0.0 934 4	- 0.25 323	0.03 496	0. 16	0.1368 38	- 0.853 13	0.895 613	0.40 2	PC(1 5:0/2 0:4)	Phosphati dylcholine	PC Ester
C R	id_ 241	0.010 675	- 0.00 645	0.03 2569	0. 20 6	- 0.09 844	- 0.1 724 5	- 0.02 838	0. 0 4	- 0.0 877 7	- 0.17 324	- 0.01 143	0. 01 6	- 0.1216 3	- 1.361 02	0.058 608	0.22 2	PC(1 6:0/1 8:2)	Phosphati dylcholine	PC Ester
C R	id_ 254	- 0.001 87	- 0.03 042	0.01 7784	0. 95 4	- 0.10 465	- 0.2 235 5	- 0.02 285	0. 0 6	- 0.1 065 2	- 0.24 204	- 0.01 473	0. 00 8	0.0175 97	- 0.569 1	0.168 768	0.94 6	PC(1 7:0/1 8:2)	Phosphati dylcholine	PC Ester
C R	id_ 257	- 0.006 7	- 0.03 231	0.01 282	0. 53 4	- 0.11 379	- 0.2 286 1	- 0.01 397	0. 0 2	- 0.1 204 9	- 0.24 231	- 0.01 793	0. 01 4	0.0556 24	- 0.165 53	0.338 678	0.53 6	PC(1 7:0/2 0:4)	Phosphati dylcholine	PC Ester
C R	id_ 272	- 0.005 29	- 0.02 992	0.00 7191	0. 52 6	- 0.14 632	- 0.2 256 4	- 0.06 952	0. 0 0	- 0.1 516 2	- 0.24 316	- 0.07 144	0. 0	0.0349 03	- 0.063 18	0.157 141	0.52 6	PC(1 8:0/2 0:4)	Phosphati dylcholine	PC Ester
C R	id_ 279	0.009 711	- 0.01 123	0.03 2734	0. 36 2	- 0.09 667	- 0.1 855 1	- 0.01 505	0. 1 2	- 0.0 869 6	- 0.19 634	0.00 417 6	0. 06 8	0.1116 7	- 1.594 3	1.080 696	0.43	PC(1 8:1/1 8:2)	Phosphati dylcholine	PC Ester
C R	id_ 283	0.004 013	- 0.03 06	0.03 4354	0. 70 6	- 0.26 437	- 0.3 906 1	- 0.15 468	0. 0 0	- 0.2 603 5	- 0.41 163	- 0.13 73	0. 0	0.0154 1	- 0.194 21	0.090 652	0.70 6	PC(1 8:1/2 0:3)	Phosphati dylcholine	PC Ester
C R	id_ 284	0.003 093	- 0.01 678	0.01 8856	0. 71 6	- 0.13 545	- 0.2 264	- 0.04 734	0. 0 0	- 0.1 323 6	- 0.22 901	- 0.04 437	0. 00 2	0.0233 7	- 0.236 2	0.100 506	0.71 8	PC(1 8:1/2 0:4)	Phosphati dylcholine	PC Ester
C	id_ 284	0.019	-	0.04	0.	-	-	-	0	-	-	-	0.	-	-	0.023	0.10	PC(1	Phosphati	PC

R	289	399	0.00 356	7688	1	0.17 593	0.2 743 8	0.09 922		0.1 565 4	0.27 369	0.06 964	00 2	0.1239 2	0.570 48	714	2	8:2/1 6:1)	dylcholine	Ester
C R	id_ 354	- 0.002 05	- 0.03 547	0.02 7543	0. 97 4	0.01 1321	- 0.1 327 4	0.13 432 8	0. 8 5 8	0.0 092 74	- 0.14 304 9	0. 0. 88	- 0.2207 6	- 1.327 2	- 2.221 715	- 0.63 4	PE(1 8:1/2 2:0)	Phosphati dylethanol amine	PE Ester	
C R	id_ 386	- 0.001 616	- 0.02 151	0.02 0382	0. 79	- 0.16 5	- 0.2 607 3	- 0.07 374		0.1 633 8	- 0.27 469	- 0.06 744	0	- 0.0098 9	- 0.184 38	0.106 903	0.79	PE(P- 16:0/ 18:1)	Phosphati dylethanol amine	PE Plasma logen
C R	id_ 398	- 0.002 78	- 0.03 489	0.02 3454	0. 90 8	- 0.16 81	- 0.2 934 3	- 0.06 721	0	0.1 708 8	- 0.32 503	- 0.05 819	0	0.0162 8	0.241 72	0.136 983	0.90 8	PE(P- 18:0/ 16:0)	Phosphati dylethanol amine	PE Plasma logen
C R	id_ 405	- 0.008 6	- 0.04 997	0.01 6282	0. 55	- 0.26 824	- 0.4 007 1	- 0.15 775	0	0.2 768 5	- 0.42 737	- 0.15 66	0	0.0310 8	0.077 44	0.136 144	0.55	PE(P- 18:0/ 20:3)	Phosphati dylethanol amine	PE Plasma logen
C R	id_ 414	- 0.001 097	- 0.01 921	0.01 9053	0. 82 2	- 0.13 403	- 0.2 281 8	- 0.04 176	0. 0 4	0.1 329 3	- 0.23 489	- 0.03 962	0. 00 4	- 0.0082 5	- 0.258 89	0.138 528	0.82 2	PE(P- 18:1/ 18:1)	Phosphati dylethanol amine	PE Plasma logen
C R	id_ 448	- 0.002 296	- 0.02 563	0.02 4232	0. 73 6	- 0.19 259	- 0.2 942	- 0.10 696	0	0.1 903	- 0.31 008	- 0.09 386	0	0.0120 7	0.200 64	0.093 586	0.73 6	SM(1 4:0)	Sphingolipi ds	Sphing omyeli n
C R	id_ 449	- 0.005 07	- 0.02 6	0.00 8932	0. 64 4	- 0.07 209	- 0.1 500 3	- 0.01 192	0. 0 2 4	0.0 771 6	- 0.16 782	- 0.01 112	0. 02 6	0.0657 01	- 0.308 55	0.260 946	0.63 4	SM(1 6:0)	Sphingolipi ds	Sphing omyeli n
C R	id_ 450	- 0.008 5	- 0.03 055	0.00 4818	0. 35 8	- 0.12 415	- 0.2 050	- 0.05 807	0	0.1 326	- 0.22 729	- 0.05 961	0	0.0640 86	- 0.056 64	0.187 923	0.35 8	SM(1 8:0)	Sphingolipi ds	Sphing omyeli n

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C R	id_ 451	- 0.000 45	- 0.02 25	0.01 6054	0. 96 8	- 0.15 734	0.2 501 6	- 0.08 43	0	0.1 577 8	- 0.26 507	- 0.07 837	0	0.0028 33	- 0.150 93	0.106 838	0.96 8	SM(1 8:1)	Sphingolipi ds	Sphing omyeli n
C R	id_ 452	- 0.008 72	- 0.04 322	0.01 5354	0. 57	- 0.15 438	0.2 682 8	- 0.05 543	0	- 0.1 631	- 0.29 808	- 0.05 306	0	0.0534 6	- 0.199 71	0.199 786	0.57	SM(2 0:0)	Sphingolipi ds	Sphing omyeli n
C R	id_ 453	- 0.003 498	- 0.01 736	0.01 9281	0. 6	- 0.13 693	0.2 125 2	- 0.07 331	0	0.1 334 3	- 0.22 416	- 0.06 522	0	- 0.0262 1	- 0.201 42	0.090 024	0.6	SM(2 0:1)	Sphingolipi ds	Sphing omyeli n
C R	id_ 454	- 0.015 1	- 0.05 412	0.00 5238	0. 23	- 0.16 09	0.2 773 2	- 0.07 303	0	- 0.1 76	- 0.32 196	- 0.07 712	0	0.0858 07	- 0.048 32	0.206 232	0.23	SM(2 2:0)	Sphingolipi ds	Sphing omyeli n
C R	id_ 455	- 0.002 269	- 0.01 771	0.02 0195	0. 66 4	- 0.13 324	0.2 163 9	- 0.06 992	0	0.1 309 7	- 0.23 134	- 0.05 935	0	- 0.0173 2	- 0.248 34	0.095 017	0.66 4	SM(2 2:1)	Sphingolipi ds	Sphing omyeli n
C R	id_ 456	- 0.014 44	- 0.04 06	0.00 0384	0. 06 6	- 0.09 914	0.1 881 6	- 0.02 747	0. 0	0.1 135 8	- 0.21 852	- 0.03 391	0. 00	0.1271 7	- 0.005 61	0.345 215	0.06 8	SM(2 4:0)	Sphingolipi ds	Sphing omyeli n
C R	id_ 457	- 0.001 07	- 0.01 981	0.01 2521	0. 95 8	- 0.04 889	0.1 234 2	- 0.01 226	0. 1 2	0.0 499 6	- 0.13 273	0.01 634 5	0. 17 2	0.0213 77	- 1.154 33	1.156 622	0.82 6	SM(2 4:1)	Sphingolipi ds	Sphing omyeli n
C R	id_ 458	- 0.007 58	- 0.03 946	0.01 0168	0. 56 4	- 0.09 036	0.1 796 6	- 0.01 912	0. 1 4	0.0 979 3	- 0.21 259	- 0.01 614	0. 01 2	0.0773 64	- 0.262 19	0.243 02	0.56 4	SM(2 6:0)	Sphingolipi ds	Sphing omyeli n

C	id_	0.002	-	0.01	0.	-	-	0.02	0.	-	-	0.03	0.	-	-			SM(2	Sphingolipi	Sphing
R	459	136	882	9278	736	0.04063	0.12508	0.022493	282	0.0385	0.1406	0.033398	388	0.05548	2.65726	2.605135	0.908	6:1)	ds	omyeli
C	id_	-	-	-	0.	-	-	-	-	-	-	-	-	-	-	-	-	TAG5		
R	660	98	555	282	01	0.11184	0.18821	0.05425	0	0.12982	0.22535	0.06181	0	0.138529	0.02875	0.242303	0.01	1:3-FA16:0	Triacylglyc	TAG
C	id_	-	-	-	0.	-	-	-	-	-	-	-	-	-	-	-	-	1:3-FA18:1	Triacylglyc	TAG
R	663	32	592	649	016	0.167923	0.27923	0.0757	0	0.19432	0.3428	0.09259	0	0.16118	0.046933	0.296764	0.016	erol	erol	Ester
C	id_	-	-	-	0.	-	-	-	-	-	-	-	-	-	-	-	-	TAG5		
R	667	69	245	327	014	0.12736	0.22324	0.06616	0	0.14706	0.25966	0.07569	0	0.133913	0.029804	0.239077	0.014	1:4-FA16:0	Triacylglyc	TAG
C	id_	-	-	-	0.	-	-	-	0.	-	-	-	0.	-	-	-	-	TAG5		
R	755	84	067	046	022	0.03118	0.09224	0.003354	146	0.04002	0.1154	0.001435	086	0.220944	0.65786	1.073429	0.096	3:3-FA18:0	Triacylglyc	TAG
C	id_	-	-	-	0.	-	-	-	0.	-	-	-	0.	-	-	-	-	TAG5		
R	760	44	219	058	01	0.03663	0.10332	0.00238	22	0.04607	0.127	0.00467	004	0.204908	0.034247	0.505528	0.014	3:4-FA18:0	Triacylglyc	TAG
C	id_	-	-	-	0.	-	-	-	-	-	-	-	-	-	-	-	-	TAG5		
R	761	67	175	173	012	0.06326	0.13502	0.01999	0	0.07693	0.16391	0.02411	0	0.177723	0.039196	0.324429	0.012	3:4-FA18:1	Triacylglyc	TAG
C	id_	-	-	-	0.	-	-	-	0.	-	-	-	0.	-	-	-	-	TAG5		
R	765	73	154	063	016	0.03697	0.10448	0.00018	05	0.0467	0.12397	0.0023	016	0.208257	0.026858	0.676014	0.032	3:5-FA18:1	Triacylglyc	TAG
C	id_	-	-	-	0.	-	-	-	0	-	-	-	0	0.1873	0.045	0.331	0.00	TAG5	Triacylglyc	TAG

R	766	0.014 14	0.04 132	0.00 156	00 6	0.06 133	0.1 352 5	0.01 56		0.0 754 8	0.16 713	0.02 037		58	394	977	6	3:5- FA18 :2	erol	Ester
C R	id_ 769	- 0.008 99	- 0.03 247	- 0.00 028	0. 01 2	- 0.02 604	- 0.0 880 7	0.00 860 8	0. 4 2 6	- 0.0 350 3	- 0.11 272	0.00 686 2	0. 32	0.2567 45	- 1.448 88	1.802 677	0.32	TAG5 3:6- FA18 :1	Triacylglyc erol	TAG Ester
C R	id_ 770	- 0.016 99	- 0.04 9	- 0.00 212	0. 01 2	- 0.06 995	- 0.1 524 2	- 0.01 803		- 0.0 869 4	- 0.19 077	- 0.02 478	0	0.1954 13	0.049 984	0.372 766	0.01 2	TAG5 3:6- FA18 :2	Triacylglyc erol	TAG Ester
C R	id_ 771	- 0.011 46	- 0.03 559	- 0.00 112	0. 00 4	- 0.04 506	- 0.1 171	- 0.00 631	0. 0 8	- 0.0 565 1	- 0.14 398	- 0.00 976	0	0.2027 15	0.045 5	0.450 82	0.00 4	TAG5 3:6- FA18 :3	Triacylglyc erol	TAG Ester
C R	id_ 773	- 0.012 03	- 0.03 536	- 0.00 078	0. 02 2	- 0.05 094	- 0.1 267 7	- 0.00 139	0. 0 8	- 0.0 629 8	- 0.15 634	- 0.00 521	0. 02	0.1910 71	0.019 514	0.515 852	0.03 8	TAG5 3:7- FA18 :3	Triacylglyc erol	TAG Ester
C R	id_ 856	- 0.012 37	- 0.03 782	- 0.00 143	0. 01 4	- 0.04 307	- 0.1 193	0.00 038 2	0. 0 4	- 0.0 554 3	- 0.14 712	- 0.00 328	0. 01 8	0.2230 68	0.046 005	0.758 029	0.02 4	TAG5 5:6- FA18 :1	Triacylglyc erol	TAG Ester
C R	id_ 857	- 0.008 21	- 0.02 916	- 0.00 0438	0. 10 4	- 0.03 052	- 0.0 910 8	0.00 600 7	0. 1 2	- 0.0 387 3	- 0.11 33	0.00 465 3	0. 15 8	0.2120 39	- 0.427 64	0.871 962	0.23	TAG5 5:6- FA20 :3	Triacylglyc erol	TAG Ester
C R	id_ 860	- 0.019 21	- 0.04 886	- 0.00 356	0. 01 01	- 0.07 677	- 0.1 605 8	- 0.02 378	0. 0 2	- 0.0 959 9	- 0.19 489	- 0.03 137	0	0.2001 66	0.064 745	0.388 01	0.01	TAG5 5:7- FA18 :1	Triacylglyc erol	TAG Ester
C R	id_ 861	- 0.009	- 0.03	- 0.00	0. 04	- 0.03	- 0.1	0.00 381	0. 1	- 0.0	- 0.12	0.00 157	0. 06	0.2106 16	- 0.176	0.687 981	0.10 8	TAG5 5:7-	Triacylglyc erol	TAG Ester

		56	025	01	4	583	071	7		454	897	6	8		25			FA20 :3		
C R	id_ 862	- 0.008 78	- 0.03 185	- 0.00 011	0. 04 2	- 0.03 103	0.0 986 1	0.00 373 9	0. 1 7	0.0 398 1	- 0.12 137	0.00 271 8	0. 11 6	0.2204 79	- 0.451 64	1.264 425	0.13 8	TAG5 5:7- FA20 :4	Triacylglyc erol	TAG Ester
C R	id_ 864	- 0.011 23	- 0.03 215	- 0.00 132	0. 00 8	- 0.03 471	0.0 986 1	0.00 271 8	0. 1 4	0.0 459 4	- 0.12 165	- 0.00 088	0. 04 2	0.2444 77	0.011 539	1.093 197	0.05	TAG5 5:8- FA20 :4	Triacylglyc erol	TAG Ester
C R	id_ 939	- 0.008 69	- 0.03 186	6.45 E-05	0. 06 4	- 0.02 444	0.0 880 6	0.01 169 7	0. 4 6	0.0 331 3	- 0.11 432	0.01 052 3	0. 42 2	0.2622 95	- 1.506 56	1.417 397	0.41	TAG5 7:9- FA22 :6	Triacylglyc erol	TAG Ester
C R	id_ 978	- 0.010 14	- 0.03 497	0.00 3995	0. 26 2	- 0.13 339	0.2 160 4	- 0.06 608		0.1 435 3	- 0.24 777	- 0.07 027		0.0706 49	- 0.042 77	0.185 584	0.26 2	Total CE	Neutral Complex Lipids SUM	Choles teryl Esters
C R	id_ 979	- 0.031 88	- 0.07 074	- 0.00 603	0. 01 2	- 0.14 813	0.2 421 6	- 0.06 316		0.1 800 1	- 0.30 088	- 0.08 776		0.1771 27	0.043 303	0.350 943	0.01 2	Total CER	Sphingolipi d SUM	Cerami des
C R	id_ 981	- 0.017 91	- 0.05 09	- 0.00 18	0. 01 2	- 0.11 567	- 0.2 084	- 0.04 761		0.1 335 8	- 0.24 423	- 0.05 824		0.1340 63	0.015 479	0.269 932	0.01 2	Total DCE R	Sphingolipi d SUM	Dihydr ocera mides
C R	id_ 982	- 0.016 97	- 0.04 695	0.00 0569	0. 06 8	- 0.03 676	0.1 395 4	0.04 431 8	0. 4 4	0.0 537 4	- 0.16 455	0.03 495 6	0. 29 8	0.3158 43	- 2.538 14	2.440 518	0.35	Total HCE R	Sphingolipi d SUM	Hexosy lcerami des
C R	id_ 983	- 0.005 684	- 0.00 501	0.01 8294	0. 30 6	0.01 322	- 0.0 480	0.07 036 6	0. 6 4	0.0 189 04	- 0.04 673	0.07 774 3	0. 54	0.3006 69	-1.77	2.551 97	0.50 2	Total LCER	Sphingolipi d SUM	Lactos ylcera mides

R	160	0.022 34	0.05 793	E-05	05 2	0.00 733	0.1 315 6	684 1	9 5 4	0.0 296 7	0.16 307	538 8	68 2	87	3.358 08	043	6	18:2)	hatidylchol ine	Ester
C R	id_ 196	- 0.009 6	- 0.03 275		0. 27 4	- 0.09 162	- 0.1 768 2	- 0.01 878	0. 0 4	- 0.1 012 2	- 0.19 984	- 0.02 188	0. 00 4	0.0948 4	0.099 98	0.268 913	0.27 4	MAG(18:3)	MAG	Ester
C R	id_ 199	- 0.006 97	- 0.02 646		0. 30 2	- 0.03 699	- 0.1 113 7	0.02 893 4	0. 2 4	- 0.0 439 6	- 0.12 628	0.02 614 8	0. 23 4	0.1585 66	0.642 32	1.147 725	0.40 4	MAG(20:1)	MAG	Ester
C R	id_ 200	- 0.008 11	- 0.02 925		0. 40 4	- 0.08 137	- 0.1 848 6	0.00 654 7	0. 0 7	- 0.0 894 7	- 0.19 942	0.00 630 5	0. 06	0.0906 2	0.220 57	0.472 285	0.40 8	MAG(20:2)	MAG	Ester
C R	id_ 201	- 0.007 14	- 0.03 168		0. 46 8	- 0.05 942	- 0.1 590 9	0.02 795 5	0. 1 2	- 0.0 665 7	- 0.17 955	0.02 680 1	0. 18 6	0.1073 21	0.618 98	0.838 299	0.43 4	MAG(20:3)	MAG	Ester
C R	id_ 251	- 0.010 87	- 0.03 894		0. 35 4	- 0.01 809	- 0.1 322 5	0.09 698 2	0. 4 6	- 0.0 289 6	- 0.14 463	0.08 308 5	0. 62	0.3752 84	2.603 18	2.553 328	0.73 4	PC(1 6:0/2 2:6)	Phosphati dylcholine	PC Ester
C R	id_ 288	- 0.004 61	- 0.03 074		0. 68 2	- 0.06 144	- 0.1 595 9	0.04 035 1	0. 2 6	- 0.0 660 4	- 0.17 487	0.03 804 3	0. 24 6	0.0697 29	0.659 71	0.892 983	0.68 8	PC(1 8:1/2 2:6)	Phosphati dylcholine	PC Ester
C R	id_ 293	- 0.021 289	- 0.00 038		0. 06 4	- 0.12 503	- 0.2 369 4	- 0.02 353	0. 0 4	- 0.1 037 4	- 0.22 75	0.00 102 5	0. 05 4	0.2052 2	2.025 25	0.532 781	0.11 8	PC(1 8:2/2 0:2)	Phosphati dylcholine	PC Ester
C R	id_ 298	- 0.010	- 0.04		0. 35	- 0.04	- 0.1	0.05 183	0. 4	- 0.0	- 0.17	0.04 692	0. 32	0.1812 62	- 2.010	1.821 436	0.49 6	PC(1 8:2/2	Phosphati dylcholine	PC Ester

		49	1		6	74	574	1	0	578	998	1	4		55			2:5)		
							3		2	9										
C	id_	-	-	0.	-	0.2	-	0.	0.1	-	-	0.						PE(1	Phosphati	
R	332	0.006	0.03	0.01	59	0.10	231	0.00	0	136	0.24	0.00	04	0.0575	0.494	0.353	0.57	8:0/1	dylethanol	PE
		54	917	4123	2	714	6	431	4	8	345	181	6	29	39	68	4	8:0)	amine	Ester
C	id_		-	0.	-	0.2	-	0.	0.1	-	-	0.						PE(1	Phosphati	
R	359	0.005	0.02	0.03	66	0.14	852	0.01	3	354	0.29	067	05	0.0421	0.814	0.226		8:2/1	dylethanol	PE
		714	839	5554	6	115	7	363	2	4	114	1	2	9	42	966	0.71	6:1)	amine	Ester
C	id_		-			-	0.2	-	0.	0.1	-	-	0.					PE(O	Phosphati	
R	366	0.004	0.01	0.02	0.	0.15	774	0.03	0	500	0.26	0.02	01	0.0331	0.296	0.126	0.62	-	dylethanol	PE
		98	431	6828	61	504	8	451	1	6	867	938	6	9	18	131	2	16:0/	amine	Ether
																		18:2)		
C	id_	-	-	0.	-	0.2	0.00	0	0.1	-	-	0.						PE(O	Phosphati	
R	368	0.014	0.04	0.00	20	0.14	937	700	5	600	0.30	0.01	03	0.0921	0.092	0.537	0.23	-	dylethanol	PE
		75	937	7922	4	531	3	3	4	6	823	405	6	75	09	33	2	16:0/	amine	Ether
																		20:4)		
C	id_	-	-			-	0.1	0.07	6	0.0	-	0.07						PE(O	Phosphati	
R	372	0.011	0.04	0.00	0.	0.03	444	825	2	427	0.16	130	0.	0.2627	2.588	2.148	0.56	-	dylethanol	PE
		24	024	7947	28	153	4	3	4	7	64	9	53	18	76	343	2	16:0/	amine	Ether
																		22:6)		
C	id_	-	-	0.	-	0.3	-		0.2	-	-	-						PE(O	Phosphati	
R	378	0.007	0.03	0.01	52	0.19	254	0.07		051	0.34	0.07		0.0352	0.071	0.168	0.52	-	dylethanol	PE
		24	549	151	8	787	1	753	0	1	155	618	0	94	74	366	8	18:0/	amine	Ether
																		20:4)		
C	id_	-	-	0.	-	0.3	-		0.2	-	-	-						PE(O	Phosphati	
R	381	0.008	0.03	0.00	38	0.20	022	0.10		117	0.32	0.11		0.0411	0.063	0.141	0.38	-	dylethanol	PE
		72	652	9827	8	302	1	942	0	4	97	393	0	65	5	585	8	18:0/	amine	Ether
																		22:5)		
C	id_	-	-	0.	-	-	-	0.	-	-	-	0.05	0.					PE(O	Phosphati	
R	382	0.017	0.05	0.00	13	0.04	0.1	0.06	5	0.0	0.17	169	35	0.2845	2.327	2.824	0.41	-	dylethanol	PE
		35	041	3495	2	363	553	467	0	609	937	1	6	42	21	258	6	18:0/	amine	Ether

							7		4	9								22:6)		
C	id_	-	-	0.	-	0.3	-	0.2	-	-	-	-	0.0163	0.139	0.109	0.82	PE(P-16:0/18:2)	Phosphati	PE	
R	387	0.00349	0.02771	0.019512	0.826	0.20944	0.2257	0.10401	0	0.1293	0.34102	0.10023	0	0.13939	0.109385	0.826		dylethanolamine	Plasma	
C	id_	-	-	0.	-	0.3	-	0.2	0.	-	-	-	0.0790	0.015	0.222	0.11	PE(P-16:0/20:4)	Phosphati	PE	
R	392	0.01705	0.04494	0.002285	0.116	0.19873	0.0948	0.08494	00	0.1578	0.33421	0.09478	0	0.01596	0.222002	0.116		dylethanolamine	Plasma	
C	id_	-	-	0.	-	0.3	-	0.2	-	-	-	-	0.0503	0.024	0.146	0.18	PE(P-16:0/22:5)	Phosphati	PE	
R	395	0.01245	0.0412	0.005103	0.188	0.23458	0.4385	0.13309	0	0.4703	0.36883	0.13935	0	0.02451	0.146737	0.188		dylethanolamine	Plasma	
C	id_	-	-	0.	-	0.1	-	0.0	0.	-	0.03	0.0	0.2224	1.770	2.379		PE(P-16:0/22:6)	Phosphati	PE	
R	396	0.01536	0.04364	0.004243	0.154	0.05369	0.6753	0.05846	0.39	0.06904	0.18606	0.037681	0.256	1.77084	2.379206	0.37		dylethanolamine	Plasma	
C	id_	-	-	0.	-	0.2	-	0.1	-	-	-	-	0.0089	0.162	0.132	0.95	PE(P-18:0/18:1)	Phosphati	PE	
R	401	0.00145	0.02924	0.017827	0.952	0.16176	0.6342	0.07138	0	0.6322	0.27695	0.06649	0	0.16298	0.132108	0.952		dylethanolamine	Plasma	
C	id_	-	-	0.	-	-	-	0.1	-	-	-	-	-	-	-		PE(P-18:0/18:2)	Phosphati	PE	
R	402	0.003098	0.02211	0.028107	0.732	0.19712	0.3078	0.10044	0	0.9403	0.32334	0.09439	0	0.01597	0.20271	0.088119	0.732		Plasma	
C	id_	-	-	0.	-	-	-	0.1	-	-	-	-	0.0754	0.023	0.248	0.14	PE(P-18:0/20:4)	Phosphati	PE	
R	406	0.01448	0.04383	0.003839	0.146	0.17758	0.2969	0.0594	0	0.9206	0.32096	0.07061	0	0.02305	0.248147	0.146		dylethanolamine	Plasma	
C	id_	-	-	0.	-	-	-	0.2	-	-	-	-	0.0600	0.009	0.160	0.11	PE(P-18:0/22:5)	Phosphati	PE	
R	409	0.01494	0.04315	0.002093	0.114	0.23372	0.3337	0.14091	0	0.4866	0.36027	0.14992	0	0.00999	0.160306	0.114		dylethanolamine	Plasma	

C	id_	-	-	0.	-	0.1	0.08	0.	-	-	0.06	0.	0.3670	-	2.223	0.43	PE(P-18:0/22:6)	Phosphati	PE
R	410	0.01854	0.04911	0.0026974	0.03198	0.4191	0.3079	0.518	0.05052	0.16658	0.1932	0.39	0.46	2.93403	2.223456	0.438		dylethanol	Plasma
																		amine	logen
C	id_	-	-	0.	-	0.2	-	0.	-	-	-	0.	-	-	-	-	PE(P-18:1/16:0)	Phosphati	PE
R	411	0.00203	0.02229	0.0137752	0.10656	0.0245	0.01848	0.116	0.0859	0.20885	0.01854	0.012	0.018728	0.24654	0.243393	0.84		dylethanol	Plasma
																		amine	logen
C	id_	-	-	0.	-	-	-	-	0.1	-	-	-	-	-	-	-	PE(P-18:1/18:2)	Phosphati	PE
R	415	0.00109	0.03008	0.0192816	0.19163	0.2958	0.09222	0.0	0.19272	0.30714	0.08893	0.0	0.005665	0.13751	0.130504	0.926		dylethanol	Plasma
																		amine	logen
C	id_	-	-	0.	-	0.3	-	-	0.2	-	-	-	0.0913	-	-	-	PE(P-18:1/20:4)	Phosphati	PE
R	419	0.01923	0.05211	0.0003244	0.19124	0.0611	0.08431	0.0	0.1047	0.33553	0.09892	0.0	0.091348	0.00171	0.248158	0.064		dylethanol	Plasma
																		amine	logen
C	id_	-	-	0.	-	0.2	-	-	0.1	-	-	-	0.0434	-	-	-	PE(P-18:1/22:4)	Phosphati	PE
R	421	0.00856	0.03542	0.0096236	0.1883	0.09254	0.09474	0.0	0.19686	0.31128	0.097	0.0	0.043472	0.07137	0.146289	0.396		dylethanol	Plasma
																		amine	logen
C	id_	-	-	0.	-	0.3	-	-	0.2	-	-	-	0.0507	-	-	-	PE(P-18:1/22:5)	Phosphati	PE
R	422	0.01213	0.03925	0.0050948	0.22672	0.3052	0.13596	0.0	0.3885	0.34766	0.14353	0.0	0.050792	0.02485	0.153674	0.168		dylethanol	Plasma
																		amine	logen
C	id_	-	-	0.	-	0.1	0.05	0.	0.0	-	0.04	0.	0.2541	-	-	-	PE(P-18:1/22:6)	Phosphati	PE
R	423	0.01704	0.05051	0.0035164	0.04999	0.06748	0.3722	0.36	0.06703	0.188	0.2074	0.24	0.254174	2.09684	2.105453	0.334		dylethanol	Plasma
																		amine	logen
C	id_	-	-	0.	-	0.2	-	0.	0.1	-	-	0.	0.0345	-	0.236	-	PE(P-18:2/18:2)	Phosphati	PE
R	424	0.00456	0.03072	0.01641767	0.12726	0.3467	0.02397	0.12	0.3182	0.24827	0.02257	0.012	0.034593	0.24589	0.236253	0.67		dylethanol	Plasma
																		amine	logen
C	id_	-	-	0.00	0.	-	-	0.	-	-	-	0.	0.1139	-	0.363	0.11	PE(P-	Phosphati	PE

R	425	0.015 47	0.04 527	2837	10 4	0.12 029	0.2 384 5	0.02 661	0 1 4	0.1 357 6	0.26 647	0.03 391	01 2	74	0.045 34	718	2	18:2/ 20:4)	dylethanol amine	Plasma logen
A L	id_ 023	0.006 05	- 0.01 145	0.03 036	0. 52 4	- 0.07 16	- 0.1 606 3	0.01 008 9	0. 0 6	- 0.0 655 5	- 0.15 653	0.01 625 5	0. 11 4	-0.0923	- 1.444 2	0.596 584	0.59 8	CE(1 5:0)	Cholestero l Ester	CE Ester
A L	id_ 024	0.004 624	- 0.00 866	0.02 3107	0. 50 8	- 0.03 234	- 0.1 078	0.03 467 6	0. 0 4	- 0.0 277 2	- 0.10 279	0.04 033 9	0. 41 2	- 0.1668 1	- 1.839 98	1.886 699	0.75 2	CE(1 6:0)	Cholestero l Ester	CE Ester
A L	id_ 026	0.008 653	- 0.01 872	0.03 7872	0. 58 4	- 0.08 047	- 0.1 684 3	- 0.00 025	0. 0 5	- 0.0 718 2	- 0.16 457	0.01 296 9	0. 09 2	- 0.1204 8	- 1.927 94	1.250 407	0.66	CE(1 7:0)	Cholestero l Ester	CE Ester
A L	id_ 027	0.009 444	- 0.01 788	0.03 824	0. 50 8	- 0.06 53	- 0.1 455 2	0.01 752 6	0. 1 2	- 0.0 558 6	- 0.13 631	0.03 224 2	0. 19 4	- 0.1690 7	- 2.954 3	2.854 529	0.64 6	CE(1 8:0)	Cholestero l Ester	CE Ester
A L	id_ 028	0.004 866	- 0.01 017	0.02 4498	0. 45	- 0.04 001	- 0.1 060 9	0.02 712 2	0. 2 4	- 0.0 351 5	- 0.10 448	0.03 156 8	0. 35 6	- 0.1384 3	- 2.828 84	1.878 559	0.70 6	CE(1 8:1)	Cholestero l Ester	CE Ester
A L	id_ 029	0.004 584	- 0.00 955	0.02 0895	0. 50 2	- 0.03 699	- 0.0 972 9	0.02 732	0. 2 2	- 0.0 324 1	- 0.09 446	0.03 383 8	0. 32 4	- 0.1414 5	- 1.938 11	1.571 573	0.73 8	CE(1 8:2)	Cholestero l Ester	CE Ester
A L	id_ 033	0.003 42	- 0.00 608	0.02 0083	0. 51 6	- 0.10 549	- 0.2 389 2	0.00 639 7	0. 0 4	- 0.1 020 7	- 0.23 41	0.00 907 8	0. 09	-0.0335	- 0.388 58	0.261 878	0.57 4	CE(2 0:1)	Cholestero l Ester	CE Ester
A L	id_ 034	0.002 431	- 0.00	0.01 7395	0. 67	- 0.07	- 0.1 551	0.00 551	0. 0	- 0.0	- 0.14	0.01 046	0. 1	- 0.0351	- 0.698	0.382 275	0.72	CE(2 0:2)	Cholestero l Ester	CE Ester

			737		2	156	533 6	4	7 4	691 2	924	7		7	96					
A L	id_ 035	0.005 905	- 0.01 14	0.02 7331	0. 49 8	- 0.07 514	- 0.1 673 9	0.02 168 3	0. 1 4 6	0.0 692 4	- 0.16 225	0.02 499 4	0. 16 8	-0.0853	- 1.527 16	0.969 419	0.60 6	CE(2 0:3)	Cholestero l Ester	CE Ester
A L	id_ 036	0.008 637	- 0.01 767	0.04 1646	0. 60 4	- 0.03 514	- 0.1 421 8	0.07 927 8	0. 5 3	- 0.0 265	- 0.13 773	0.09 075 3	0. 64 4	- 0.3258 5	- 2.596 57	3.724 991	0.98	CE(2 0:4)	Cholestero l Ester	CE Ester
A L	id_ 041	0.005 911	- 0.01 301	0.02 9918	0. 52 2	- 0.04 488	- 0.1 440 5	0.04 934 3	0. 3 2	0.0 389 7	- 0.14 039	0.05 702 3	0. 45 4	- 0.1516 9	- 3.146 42	2.160 242	0.81 2	CE(2 2:4)	Cholestero l Ester	CE Ester
A L	id_ 042	0.007 622	- 0.01 489	0.03 5629	0. 50 6	- 0.01 816	- 0.1 151 1	0.07 464 2	0. 6 2	0.0 105 4	- 0.10 66	0.08 453 6	0. 76 4	-0.7233	- 4.365 46	3.980 934	0.99 8	CE(2 2:5)	Cholestero l Ester	CE Ester
A L	id_ 043	0.009 049	- 0.01 871	0.04 0745	0. 53	0.01 8035	- 0.1 196 2	0.16 161 2	0. 7 6	0.0 270 85	- 0.10 966	0.16 970 9	0. 65	0.3341 11	- 1.826 49	2.869 749	0.71 2	CE(2 2:6)	Cholestero l Ester	CE Ester
A L	id_ 044	0.007 903	- 0.01 627	0.03 9776	0. 57 6	- 0.11 549	- 0.3 595 4	0.07 396 5	0. 2 4	0.1 075 9	- 0.34 882	0.08 006 4	0. 27	- 0.0734 5	- 1.722 92	1.263 35	0.72 2	CE(2 4:0)	Cholestero l Ester	CE Ester
A L	id_ 045	0.004 381	- 0.00 685	0.02 4576	0. 47 8	- 0.09 638	- 0.1 998 3	- 0.00 642	0. 3 4	0.0 92	- 0.19 529	0.00 114 3	0. 05 6	- 0.0476 2	- 0.708 01	0.219 238	0.52 2	CE(2 4:1)	Cholestero l Ester	CE Ester
A L	id_ 046	- 0.001 7	- 0.01 419	0.00 7377	0. 71 4	- 0.04 745	- 0.1 126	0.02 199	0. 1 8	0.0 491	- 0.11 619	0.02 117 4	0. 17 8	0.0345 83	- 0.406 74	0.629 141	0.74 4	CER(14:0)	Sphingolipi ds	Cerami de

							1		6	5										
A L	id_ 047	0.002 22	- 0.00 614	0.01 3749	0. 64 6	- 0.03 67	- 0.1 029 8	0.03 023 2	0. 2 7	0.0 344 8	- 0.10 265	0.03 157 7	0. 31 2	- 0.0643 8	- 0.984 84	0.843 245	0.79 8	CER(16:0)	Sphingolipi ds	Cerami de
A L	id_ 048	0.010 8	- 0.02 33	0.04 9885	0. 52 6	- 0.03 673	- 0.1 569	0.07 901 8	0. 5 5	0.0 259 3	- 0.14 876	0.09 196 8	0. 68 2	- 0.4164 7	- 3.676 28	5.722 297	0.96 8	CER(18:0)	Sphingolipi ds	Cerami de
A L	id_ 049	- 0.001 43	- 0.01 792	0.01 1156	0. 95	- 0.08 554	- 0.1 817	0.01 105 4	0. 0 8	0.0 869 8	- 0.18 404	0.00 923 4	0. 08	0.0164 89	0.311 12	0.289 179	0.94 6	CER(18:1)	Sphingolipi ds	Cerami de
A L	id_ 050	0.008 161	- 0.01 634	0.03 6642	0. 58 6	- 0.02 476	- 0.1 223 8	0.07 907 4	0. 6 6	0.0 165 9	- 0.12 128	0.08 950 9	0. 75 6	- 0.4917 7	- 3.121 21	3.887 616	0.97 8	CER(20:0)	Sphingolipi ds	Cerami de
A L	id_ 051	- 0.000 14	- 0.01 097	0.00 7578	0. 88	- 0.05 401	- 0.1 295 4	0.02 645 5	0. 1 6	0.0 541 5	- 0.13 142	0.02 648 4	0. 19	0.0025 67	0.327 42	0.403 275	0.86 6	CER(20:1)	Sphingolipi ds	Cerami de
A L	id_ 052	0.013 146	- 0.02 417	0.05 4679	0. 54	- 0.05 451	- 0.1 565 6	0.05 457 4	0. 3 3	0.0 413 6	- 0.15 406	0.07 573 3	0. 5	- 0.3178 4	- 3.685 15	4.911 215	0.9	CER(22:0)	Sphingolipi ds	Cerami de
A L	id_ 053	0.005 485	- 0.01 112	0.02 8058	0. 55	- 0.06 608	- 0.1 459 8	0.01 247 5	0. 2 4	0.0 605 9	- 0.14 2	0.02 005 8	0. 15 4	- 0.0905 3	- 1.886 86	0.815 655	0.64	CER(22:1)	Sphingolipi ds	Cerami de
A L	id_ 054	0.012 081	- 0.02 238	0.05 3827	0. 55 6	- 0.05 871	- 0.1 575	0.04 694 3	0. 2 6	0.0 466 3	- 0.15 044	0.06 725 9	0. 39	- 0.2590 8	- 4.587 94	3.486 697	0.79 4	CER(24:0)	Sphingolipi ds	Cerami de

A L	id_ 055	0.009 464	- 0.01 877	0.03 9992	0. 53	- 0.01 482	- 0.1 132	0.08 113 8	0. 8 2	- 0.0 053 6	- 0.10 947	0.09 576 8	0. 95	- 1.7661 1	- 4.336 67	4.342 651	0.88	CER(24:1)	Sphingolipi ds	Cerami de
A L	id_ 057	0.005 648	- 0.01 251	0.03 1837	0. 54 2	- 0.02 547	- 0.1 291 4	0.08 588	0. 6 2 8	- 0.0 198 2	- 0.12 732	0.09 395 4	0. 7	- 0.2849 2	- 1.975 85	1.751 372	0.91 8	CER(26:1)	Sphingolipi ds	Cerami de
A L	id_ 116	0.004 558	- 0.01 143	0.02 1049	0. 58 4	0.00 7587	- 0.1 011 1	0.12 314 2	0. 9 1	0.0 121 46	- 0.09 932	0.13 248 9	0. 86 8	0.3753 02	- 2.490 49	2.203 967	0.91 6	DCE R(14: 0)	Sphingolipi ds	Dihydr ocera mide
A L	id_ 117	0.003 861	- 0.00 7	0.01 9225	0. 55	- 0.01 196	- 0.0 808	0.05 668 5	0. 7 2	- 0.0 081	- 0.07 701	0.05 920 8	0. 88 4	- 0.4769 1	- 2.534 34	2.356 807	0.92 2	DCE R(16: 0)	Sphingolipi ds	Dihydr ocera mide
A L	id_ 118	0.007 176	- 0.01 302	0.03 2927	0. 49	- 0.00 835	- 0.0 881 9	0.08 122 9	0. 8 2	0.0 011 7	- 0.08 475	0.09 086 2	0. 96 8	- 6.1173 1	- 3.720 54	4.083 713	0.83 4	DCE R(18: 0)	Sphingolipi ds	Dihydr ocera mide
A L	id_ 119	0.003 049	- 0.00 943	0.01 7498	0. 63 8	- 0.01 5901	- 0.0 672	0.10 134 2	0. 6 6	0.0 189 51	- 0.06 401	0.10 457	0. 67 2	0.1609 03	1.161 98	1.440 985	0.82 6	DCE R(18: 1)	Sphingolipi ds	Dihydr ocera mide
A L	id_ 120	0.004 529	- 0.00 991	0.02 1113	0. 51	- 0.01 991	- 0.0 827 9	0.04 652	0. 5 2	- 0.0 153 8	- 0.08 169	0.05 186 5	0. 65 6	- 0.2945 1	- 2.547 06	2.443 551	0.92 6	DCE R(20: 0)	Sphingolipi ds	Dihydr ocera mide
A L	id_ 121	0.003 64	- 0.01 186	0.01 7648	0. 64 4	- 0.00 835	- 0.1 131 2	0.08 704 1	0. 9 2	0.0 047 1	- 0.10 772	0.09 313 5	0. 95	- 0.7723 2	- 1.148 49	1.605 462	0.98 2	DCE R(20: 1)	Sphingolipi ds	Dihydr ocera mide
A	id_ 010	0.010	-	0.04	0.	-	-	0.03	0.	-	-	0.04	0.	-	-	2.747	0.82	DCE	Sphingolipi	Dihydr

L	122	926	0.02 378	5328	57 8	0.05 545	0.1 457 3	856	2 3 8	0.0 445 2	0.14 435	986 1	35 2	0.2454 1	3.091 88	02	2	R(22: 0)	ds	ocera mide
A L	id_ 123	0.002 493	- 0.00 592	0.01 1724	0. 51	0.00 3362	- 0.0 365 9	0.04 618 2	0. 8 2 6	0.0 058 55	- 0.03 433	0.04 785 8	0. 70 8	0.4257 47	- 3.352 29	3.192 665	0.75 8	DCE R(22: 1)	Sphingolipi ds	Dihydr ocera mide
A L	id_ 124	0.016 801	- 0.03 339	0.06 6392	0. 53	- 0.03 824	- 0.1 731 4	0.10 005 6	0. 5 4 6	0.0 214 3	- 0.16 763	0.12 028 4	0. 73 4	- 0.7838 6	- 4.157 22	4.045 139	0.96 4	DCE R(22: 2)	Sphingolipi ds	Dihydr ocera mide
A L	id_ 125	0.013 272	- 0.02 749	0.05 6533	0. 49 6	- 0.05 516	- 0.1 690 4	0.04 246 6	0. 3 0 4	0.0 418 9	- 0.15 986	0.06 157 2	0. 50 4	- 0.3168 2	- 5.783 2	5.254 96	0.88	DCE R(24: 0)	Sphingolipi ds	Dihydr ocera mide
A L	id_ 126	0.004 947	- 0.01 029	0.02 2193	0. 55 4	- 0.01 487	- 0.0 768	0.04 169 9	0. 5 9 8	0.0 099 3	- 0.07 178	0.05 057 1	0. 73 8	- 0.4983 8	- 3.076 65	3.336 343	1	DCE R(24: 1)	Sphingolipi ds	Dihydr ocera mide
A L	id_ 128	0.004 053	- 0.00 862	0.01 9329	0. 51 4	- 0.00 319	- 0.0 624 2	0.05 693 7	0. 9 1 4	0.0 008 67	- 0.05 802	0.06 149 6	0. 97 4	4.6725 42	- 3.787 49	3.684 692	0.90 4	DCE R(26: 1)	Sphingolipi ds	Dihydr ocera mide
A L	id_ 129	- 0.002 71	- 0.01 425	0.00 7388	0. 64 2	0.00 5892	0.0 643 6	0.07 743 6	0. 9 3 2	0.0 031 83	- 0.06 798	0.07 350 6	0. 99 8	- 0.8512 2	- 1.863 62	2.037 685	0.96 4	HCE R(14: 0)	Sphingolipi ds	Hexosy lcerami de
A L	id_ 130	0.003 897	- 0.00 741	0.02 153	0. 51 2	- 0.00 83	- 0.0 896	0.07 547 1	0. 8 2 2	- 0.0 044	- 0.08 417	0.07 758 4	0. 91 6	- 0.8849 6	- 2.672 83	2.399 432	0.98 8	HCE R(16: 0)	Sphingolipi ds	Hexosy lcerami de
A L	id_ 131	- 0.002	- 0.01	0.00 8073	0. 67	- 0.02	- 0.1	0.05 158	0. 4	- 0.0	- 0.10	0.04 800	0. 45	0.0808 97	- 1.061	1.044 411	0.81 8	HCE R(18: ds	Sphingolipi ds	Hexosy lcerami

		33	586		4	647	065 2	1	8 8	288	766	6	2		58			0)		de
A L	id_ 132	- 0.001 33	- 0.01 159	0.00 8648	0. 92 8	- 0.03 868	- 0.1 219	0.04 103 9	0. 3 4 2	- 0.0 4	- 0.12 228	0.04 496 8	0. 32	0.0331 46	- 0.710 14	0.808 404	0.92 8	HCE R(18: 1)	Sphingolipi ds	Hexosy lcerami de
A L	id_ 133	- 0.000 13	- 0.00 724	0.01 0009	0. 92 6	- 0.00 982	- 0.0 908 4	0.07 944 6	0. 8	0.0 099 5	- 0.09 049	0.07 918 4	0. 8	0.0130 54	- 1.057 6	0.942 595	0.96 2	HCE R(20: 0)	Sphingolipi ds	Hexosy lcerami de
A L	id_ 134	- 0.001 68	- 0.01 405	0.00 7706	0. 79 8	- 0.03 501	- 0.1 199 1	0.04 844 3	0. 4 3	0.0 366 8	- 0.12 142	0.04 904 5	0. 41	0.0457 62	- 0.653 13	0.788 016	0.82 8	HCE R(20: 1)	Sphingolipi ds	Hexosy lcerami de
A L	id_ 135	0.004 045	- 0.00 858	0.02 1629	0. 49 6	- 0.03 453	- 0.1 057 6	0.04 137 5	0. 3 2	0.0 304 8	- 0.10 419	0.04 514 5	0. 43 4	- 0.1327 1	- 2.647 34	2.355 77	0.77	HCE R(22: 0)	Sphingolipi ds	Hexosy lcerami de
A L	id_ 136	- 0.001 16	- 0.01 546	0.00 9073	0. 92	- 0.03 387	- 0.1 266	0.05 451 9	0. 4 4	0.0 350 3	- 0.12 782	0.05 367 2	0. 48 2	0.0331 06	- 0.867 48	0.783 901	0.89	HCE R(22: 1)	Sphingolipi ds	Hexosy lcerami de
A L	id_ 137	0.006 119	- 0.01 195	0.02 8857	0. 51 4	- 0.02 726	- 0.1 079 8	0.05 198 7	0. 4 8	0.0 211 4	- 0.10 237	0.05 875 8	0. 61	- 0.2894 8	- 3.323 93	3.402 36	0.92 4	HCE R(24: 0)	Sphingolipi ds	Hexosy lcerami de
A L	id_ 138	0.001 539	- 0.00 678	0.01 7734	0. 73	- 0.00 843	- 0.1 088 4	0.09 223 5	0. 3 4	- 0.0 069	- 0.10 301	0.09 126 5	0. 86 4	-0.2232	- 0.957 22	1.144 517	0.97 4	HCE R(24: 1)	Sphingolipi ds	Hexosy lcerami de
A L	id_ 139	0.005 318	- 0.01 093	0.02 5233	0. 49 4	- 0.00 0979	- 0.0 751	0.08 362 1	0. 9 8	0.0 062 97	- 0.06 977	0.08 859 9	0. 90 2	0.8445 19	- 2.741 64	3.309 948	0.91 2	HCE R(26: 0)	Sphingolipi ds	Hexosy lcerami de

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A L	id_ 141	- 0.006 41	- 0.02 945	0.01 4943	0. 58 6	- 0.01 682	- 0.1 000 9	0.07 244 1	0. 6 8	- 0.0 232 3	- 0.10 495	0.06 807 5	0. 64		- 2.285 81	2.266 56		LCER (14:0)	Sphingolipi ds	Lactos ylcera mide
A L	id_ 142	- 0.003 84	- 0.01 994	0.00 7389	0. 58 6	- 0.01 1828	- 0.0 592 1	0.08 251 1	0. 7 6	0.0 079 89	- 0.06 437	0.08 269 2	0. 82 4	- 0.4805 2	- 2.018 46	2.497 763	0.95 4	LCER (16:0)	Sphingolipi ds	Lactos ylcera mide
A L	id_ 144	- 0.001 97	- 0.01 279	0.00 4314	0. 57 6	- 0.00 494	- 0.0 596 5	0.05 417 3	0. 9 8	0.0 069 1	- 0.06 165	0.05 087 1	0. 84 6		- 1.111 45	2.675 207	0.89 4	LCER (18:1)	Sphingolipi ds	Lactos ylcera mide
A L	id_ 145	- 0.001 53	- 0.00 637	0.01 3012	0. 73 6	- 0.00 587	- 0.0 764 8	0.06 056 7	0. 8 4	0.0 043 4	- 0.07 433	0.06 109 3	0. 87 2	- 0.3529 7	- 1.408 26	1.191 147	0.99 2	LCER (20:0)	Sphingolipi ds	Lactos ylcera mide
A L	id_ 146	6.78E -05	- 0.01 003	0.00 7983	0. 96	0.00 1013	- 0.0 071	0.07 970 7	0. 9 9	0.0 010 81	- 0.07 061	0.08 038 5	0. 99	0.0626 86	- 0.884 78	0.796 212	0.92 6	LCER (20:1)	Sphingolipi ds	Lactos ylcera mide
A L	id_ 147	- 0.000 41	- 0.01 282	0.00 6284	0. 89 2	- 0.02 113	- 0.1 072 2	0.05 709 8	0. 6 4	0.0 215 4	- 0.10 758	0.05 541 3	0. 65 4		- 1.079 5	0.773 917	0.85	LCER (22:0)	Sphingolipi ds	Lactos ylcera mide
A L	id_ 148	- 0.001 59	- 0.01 511	0.00 6081	0. 74 8	- 0.02 021	- 0.0 944 7	0.05 562 1	0. 6 2	0.0 218 1	- 0.09 687	0.05 135 3	0. 58 2		- 0.786 13	1.317 876	0.88 6	LCER (22:1)	Sphingolipi ds	Lactos ylcera mide
A L	id_ 149	- 0.000 9	- 0.01 341	0.00 6922	0. 80 8	- 0.00 34	- 0.0 834 4	0.09 245 5	0. 9 2	0.0 024 99	- 0.08 496	0.09 201 3	0. 95		- 1.639 08	1.125 407	0.99 4	LCER (24:0)	Sphingolipi ds	Lactos ylcera mide
A	id_	0.000	-	0.00	0.	0.01	-	0.08	0.	0.0	-	0.08	0.	0.0375	-	1.456	0.99	LCER	Sphingolipi	Lactos

L	152	46	0.0088	905	994	1779	0.06552	5832	794	12238	0.06548	4522	796	47	1.0463	609		(26:1)	ds	ylcera mide
A L	id_ 154	0.002862	- 0.00772	0.020768	0.606	- 0.10463	0.21262	- 0.00124	0.005	0.10177	- 0.20533	0.007591	0.007	- 0.02812	- 0.45974	0.190571	0.644	LPC(15:0)	Lysophosphatidylcholine	LPC Ester
A L	id_ 157	0.004401	- 0.00759	0.026996	0.506	- 0.07437	0.16833	0.023541	0.148	0.06997	- 0.16613	0.026165	0.174	- -0.0629	- 0.98598	0.668837	0.596	LPC(17:0)	Lysophosphatidylcholine	LPC Ester
A L	id_ 170	0.008893	- 0.01901	0.041146	0.488	- 0.01709	0.15086	0.106597	0.0748	0.00082	- 0.13929	0.116632	0.084	- 1.08479	- 3.01588	4.179563	0.918	LPC(22:6)	Lysophosphatidylcholine	LPC Ester
A L	id_ 181	0.001208	- 0.0092	0.014307	0.816	- 0.0273	0.11828	0.07079	0.054	0.02609	- 0.11667	0.071575	0.058	- 0.04629	- 0.86457	0.982549	0.906	LPE(20:4)	Lysophosphatidylethanolamine	LPE Ester
A L	id_ 186	- 0.00366	- 0.02106	0.006827	0.58	- 0.00287	0.08989	0.09625	0.095	0.00653	- 0.09563	0.092657	0.086	0.560824	1.93384	1.85695	0.934	MAG(12:0)	MAG	Ester
A L	id_ 188	- 0.00109	- 0.0111	0.004308	0.636	0.036611	0.03208	0.102635	0.028	0.035523	- 0.0328	0.101523	0.034	- 0.03064	- 0.7363	0.502524	0.692	MAG(14:1)	MAG	Ester
A L	id_ 189	0.014789	- 0.02631	0.074255	0.492	- 0.11299	0.43476	0.205715	0.047	0.00982	- 0.41477	0.216854	0.0514	- -0.1506	- 1.88258	1.721558	0.794	MAG(15:0)	MAG	Ester
A L	id_ 195	0.006032	- 0.01	0.030695	0.49	- 0.04	- 0.1	0.07940	0.04	0.00	- 0.15	0.08452	0.053	- 0.1659	- 2.650	1.345062	0.812	MAG(18:2)	MAG	Ester

			446		4	238	639 1	3	8 4	363 4	398	2	4	6	42					
A L	id_ 203	5.57E -05	- 0.00 818	0.00 7136	0. 95 6	- 0.01 149	- 0.0 777 2	0.05 483 4	0. 0. 7	- 0.0 114 3	- 0.07 834	0.05 614 3	0. 70 4	- 0.0048 7	- 0.821 11	0.918 84	0.99 6	MAG(20:5)	MAG	Ester
A L	id_ 204	0.002 481	- 0.00 834	0. 0.01 7507	0. 70 2	- 0.00 7914	- 0.0 886 9	0.10 428 8	0. 9 1 2	- 0.0 103 95	- 0.10 575 753	0.10 575 1	0. 86 6	0.2386 6	- 1.323 06	1.600 267	0.86 8	MAG(22:0)	MAG	Ester
A L	id_ 205	0.002 962	- 0.00 912	0. 0.01 6515	0. 59	- 0.01 663	- 0.1 029 8	0.07 009 7	0. 7 4	- 0.0 136 7	- 0.07 393 769	0.07 393 1	0. 82 8	- 0.2167 4	- 1.495 99	1.388 291	0.99	MAG(22:1)	MAG	Ester
A L	id_ 208	0.000 522	- 0.01 039	0. 0.00 9799	0. 97 4	- 0.00 3436	- 0.0 737 7	0.09 033	0. 9 6	- 0.0 039 58	- 0.07 421	0.09 061 6	0. 91 2	0.1318 52	- 0.875 06	1.128 583	0.99 8	MAG(22:5)	MAG	Ester
A L	id_ 209	0.001 441	- 0.01 046	0. 0.01 2408	0. 86 8	- 0.00 3907	- 0.0 829 9	0.09 039 3	0. 9 4	- 0.0 053 47	- 0.08 387	0.09 119 6	0. 91 6	0.2694 36	- 1.165 76	1.065 061	0.96 8	MAG(22:6)	MAG	Ester
A L	id_ 228	- 0.002 89	- 0.01 91	0. 0.00 8499	0. 60 2	- 0.00 75	- 0.0 868	0.08 188 4	0. 8 5	- 0.0 103 9	- 0.07 948 6	0.07 948 6	0. 79 6	0.2779 9	- 1.596 72	1.765 617	0.85 8	PC(1 5:0/1 8:2)	Phosphati dylcholine	PC Ester
A L	id_ 230	0.006 921	- 0.01 487	0. 0.03 8827	0. 57 6	- 0.07 838	- 0.2 131 6	0.04 201 1	0. 8 4	- 0.0 714 6	- 0.20 791	0.04 854	0. 23 6	0.0968 5	- 1.386 88	1.423 663	0.73 6	PC(1 5:0/2 0:4)	Phosphati dylcholine	PC Ester
A L	id_ 241	- 0.004 49	- 0.02 513	0. 0.00 9805	0. 54 4	- 0.00 2294	- 0.0 715	0.08 645 8	0. 9 4	- 0.0 021	- 0.07 629	0.08 168 7	0. 95 4	2.0473 2	- 2.557 97	2.147 212	0.89 4	PC(1 6:0/1 8:2)	Phosphati dylcholine	PC Ester

							6		4	9										
A	id_	-	-			-	0.0		0.	-		0.04	0.		-			PC(1		
L	254	0.003	0.01	0.00	0.	0.02	983	0.04	7	261	0.09	800	53	0.1153	1.969	1.520		7:0/1	Phosphati	PC
		01	453	8377	63	31	3	787	2	1	977	2	2	8	55	463	0.81	8:2)	dylcholine	Ester
A	id_		-		0.	-	0.1	0.07	4	0.0	-	0.07		-	-			PC(1		
L	257	0.003	0.00	0.02	65	0.04	538	049	5	418	0.15	284	0.	0.0729	0.967	0.967	0.85	7:0/2	Phosphati	PC
		05	843	0456	2	486	3	7	6	1	358	6	48	5	35	174	6	0:4)	dylcholine	Ester
A	id_		-		0.	-	0.1	0.06	5	0.0	-		0.	-	-			PC(1		
L	272	0.004	0.01	0.02	56	0.03	380	893	5	302	0.13	0.07	61	0.1585	1.921	1.445		8:0/2	Phosphati	PC
		798	011	6154	6	506	1	7	8	7	145	791	6	3	01	29	0.89	0:4)	dylcholine	Ester
A	id_	-	-		0.	-	0.1	0.02	2	0.0	-	0.01	0.		-			PC(1		
L	279	0.009	0.04	0.02	50	0.04	221	242	1	574	0.13	812	15	0.1693	1.365	2.361		8:1/1	Phosphati	PC
		73	061	0494	8	775	1	1	8	8	782	2	2	51	02	204	0.5	8:2)	dylcholine	Ester
A	id_	-	-		0.	-	0.2	-	0	0.1	-	-	0.		-			PC(1		
L	283	0.006	0.03	0.01	50	0.14	482	0.04	0	495	0.25	0.04	00	0.0426	0.136	0.244	0.50	8:1/2	Phosphati	PC
		37	387	6486	6	314	6	271	2	1	888	716	2	31	54	529	8	0:3)	dylcholine	Ester
A	id_	-	-		0.	-	0.2	0.01	1	0.0	-		0.		-			PC(1		
L	284	0.000	0.00	0.01	97	0.08	019	927	2	870	0.19	0.01	11	0.0047	0.264	0.340	0.97	8:1/2	Phosphati	PC
		41	961	1837	2	662	2	3	4	3	838	891	6	19	21	47	2	0:4)	dylcholine	Ester
A	id_	-	-		0.	-	0.1	0.00	0	0.0	-	-			-			PC(1		
L	289	0.009	0.04	0.01	52	0.06	428	293	6	794	0.15	0.00	0.	0.1201	0.589	0.927	0.49	8:2/1	Phosphati	PC
		55	104	9925	4	992	1	2	8	7	911	042	05	26	95	768	8	6:1)	dylcholine	Ester
A	id_	-	-				0.0	0.13	6	0.0	-	0.12	0.	-	-			PE(1	Phosphati	
L	354	0.011	0.05	0.02	0.	0.02	897	715	8	153	0.10	526	81	0.7336	3.378	3.698	0.96	8:1/2	dylethanol	PE
		24	439	6015	55	6562	3	9	2	22	752	9	6	1	56	602	2	2:0)	amine	Ester

A L	id_ 386	0.002 902	- 0.01 088	0.02 0929	0. 67 4	- 0.05 082	- 0.1 545 3	0.06 560 2	0. 4 2	- 0.0 479 2	- 0.15 282	0.06 845 2	0. 44 8	- 0.0605 5	- 1.033 28	1.012 872	0.87	PE(P- 16:0/ 18:1)	Phosphati dylethanol amine	PE Plasma logen
A L	id_ 398	0.002 07	- 0.01 01	0.01 2981	0. 82 6	- 0.03 76	- 0.1 414 7	0.07 292 4	5 1 6	- 0.0 355 3	- 0.13 903	0.07 743 3	0. 53 8	- 0.0582 6	- 0.783 34	0.748 329	0.92 8	PE(P- 18:0/ 16:0)	Phosphati dylethanol amine	PE Plasma logen
A L	id_ 405	0.010 105	- 0.02 014	0.04 3485	0. 51 2	- 0.05 327	- 0.2 006 1	0.09 815 4	4 7 4	- 0.0 431 7	- 0.19 47	0.11 019 4	0. 57	-0.2341	- 2.246 61	3.351 794	0.90 6	PE(P- 18:0/ 20:3)	Phosphati dylethanol amine	PE Plasma logen
A L	id_ 414	- 4.90E -05	- 0.01 203	0.01 0936	0. 95 2	- 0.06 075	- 0.1 748 6	0.05 358 3	0. 3 1	- 0.0 608	- 0.17 666	0.05 356 7	0. 30 8	0.0008 06	- 0.848 59	0.463 813	0.96 4	PE(P- 18:1/ 18:1)	Phosphati dylethanol amine	PE Plasma logen
A L	id_ 448	- 0.000 4	- 0.01 007	0.00 8971	0. 99 8	- 0.02 521	- 0.1 16	0.06 879 9	5 6 4	- 0.0 256 1	- 0.11 651	0.06 981 8	0. 54 2	0.0155 59	- 0.993 6	0.774 782	0.97 2	SM(1 4:0)	Sphingolipi ds	Sphing omyeli n
A L	id_ 449	0.000 169	- 0.00 513	0.00 6981	0. 92	- 0.01 91	- 0.0 760 3	0.03 849	0. 2 6	- 0.0 189 3	- 0.07 676	0.03 767 5	0. 53 2	- 0.0089 2	- 0.752 44	0.973 355	0.94	SM(1 6:0)	Sphingolipi ds	Sphing omyeli n
A L	id_ 450	0.002 396	- 0.00 551	0.01 5546	0. 62	- 0.01 523	- 0.0 962 4	0.06 513 4	0. 7	- 0.0 128 3	- 0.09 162	0.06 709 4	0. 75	0.1866 8	- 1.571 94	1.278 229	0.88 6	SM(1 8:0)	Sphingolipi ds	Sphing omyeli n
A L	id_ 451	0.000 529	- 0.00 91	0.01 5928	0. 91 4	- 0.03 439	- 0.1 351 5	0.06 142 3	4 9 4	- 0.0 338 6	- 0.13 321	0.06 095 1	0. 50 2	- 0.0156 3	- 1.025 89	1.014 235	0.99 6	SM(1 8:1)	Sphingolipi ds	Sphing omyeli n
A	id_ 452	- 0.000 529	- 0.00 91	0.00 5928	0. 91 4	- 0.03 439	- 0.1 351 5	0.06 142 3	4 9 4	- 0.0 338 6	- 0.13 321	0.06 095 1	0. 50 2	0.0789	- 1.025 89	1.618	0.74	SM(2)	Sphingolipi	Sphing

L	452	0.003 15	0.02 223	8874	68 6	0.03 678	0.1 308	410 4	5 0 2	0.0 399 3	0.13 284	396 9	45 8	25	0.988 69	693	8	0:0)	ds	omyeli n
A L	id_ 453	- 0.002 65	- 0.01 784	0.00 9444	0. 68	- 0.02 838	- 0.1 166 7	0.06 290 4	0. 5 2	- 0.0 310 3	- 0.12 062	0.06 304 4	0. 52 2	0.0854 81	- 1.336 36	1.068 268	0.83 4	SM(2 0:1)	Sphingolipi ds	Sphing omyeli n
A L	id_ 454	- 0.000 9	- 0.01 252	0.00 9139	0. 93 4	- 0.03 989	- 0.1 280 6	0.04 369 5	0. 3 2	- 0.0 407 8	- 0.12 754	0.04 337 8	0. 34	0.0220 03	- 0.677 42	0.681 86	0.95 8	SM(2 2:0)	Sphingolipi ds	Sphing omyeli n
A L	id_ 455	- 0.003 36	- 0.01 619	0.00 7799	0. 55	- 0.03 013	- 0.0 959 4	0.03 732 2	0. 3 5	- 0.0 334 9	- 0.09 788	0.03 661 5	0. 33 2	0.1003 45	- 1.197 41	0.996 91	0.65	SM(2 2:1)	Sphingolipi ds	Sphing omyeli n
A L	id_ 456	- 0.003 777	- 0.00 917	0.01 9659	0. 49 8	- 0.03 143	- 0.1 010 2	0.03 637 1	0. 3 8	- 0.0 276 5	- 0.10 051	0.04 303 9	0. 45	- 0.1365 7	- 1.957 73	1.973 2	0.79 6	SM(2 4:0)	Sphingolipi ds	Sphing omyeli n
A L	id_ 457	- 0.001 03	- 0.01 089	0.00 668	0. 8	- 0.00 728	- 0.0 755 1	0.06 262 1	0. 8 1	- 0.0 083 1	- 0.07 839	0.05 962 5	0. 78 4	0.1240 58	- 1.353 66	1.695 96	0.95 6	SM(2 4:1)	Sphingolipi ds	Sphing omyeli n
A L	id_ 458	- 0.001 2	- 0.01 112	0.00 9305	0. 83 8	- 0.02 748	- 0.1 135 5	0.04 684 6	0. 4 4	- 0.0 286 7	- 0.11 611	0.04 803 7	0. 47 8	0.0416 82	- 0.699 01	0.630 141	0.84 4	SM(2 6:0)	Sphingolipi ds	Sphing omyeli n
A L	id_ 459	- 3.79E -05	- 0.00 923	0.00 8161	0. 96 8	- 0.00 2092	- 0.0 745 5	0.08 002 4	0. 9 5	- 0.0 021 29	- 0.07 545	0.07 938 9	0. 94	- 0.0178	- 0.846 59	0.967 39	0.97 2	SM(2 6:1)	Sphingolipi ds	Sphing omyeli n
A L	id_ 660	0.005 589	- 0.01	0.02 5086	0. 49	- 0.01	- 0.0	0.03 530	0. 5	- 0.0	- 0.06	0.04 614	0. 71	- 0.5131	- 3.798	4.084 113	0.97	TAG5 1:3-	Triacylglyc erol	TAG Ester

			106		6	648	752 7	5	5 4	108 9	961	6		2	69			FA16 :0		
A L	id_ 663	0.009 239	- 0.01 837	0.04 3408	0. 52	- 0.04 261	- 0.1 357 4	0.04 171 5	0. 3 2 8	- 0.0 333 7	- 0.05 12 855	0.05 642 3	0. 49	- 0.2768 4	- 4.129 87	3.664 026	0.85	TAG5 1:3- FA18 :1	Triacylglyc erol	TAG Ester
A L	id_ 667	0.007 218	- 0.01 484	0.03 2618	0. 49 8	- 0.00 904	- 0.0 822 3	0.05 733 8	0. 7 5 2	- 0.0 018 2	- 0.06 711 658	0.06 711 9	0. 91 6	- 3.9635 3	- 3.649 77	4.929 176	0.87 8	TAG5 1:4- FA16 :0	Triacylglyc erol	TAG Ester
A L	id_ 755	0.000 436	- 0.00 121	0.00 2602	0. 64 6	0.00 8954	- 0.0 026 7	0.01 998 2	0. 1 2 8	0.0 093 9	- 0.02 027 244	0.02 027 2	0. 11 4	0.0464 07	- 0.426 17	0.591 29	0.66 8	TAG5 3:3- FA18 :0	Triacylglyc erol	TAG Ester
A L	id_ 760	0.000 883	- 0.00 211	0.00 3928	0. 55 6	3.05 E-05	- 0.0 120 9	0.01 247 2	0. 9 5 2	0.0 009 14	- 0.01 132	0.01 396 8	0. 87 2	0.9666 62	- 2.974 54	2.923 649	0.86	TAG5 3:4- FA18 :0	Triacylglyc erol	TAG Ester
A L	id_ 761	0.002 075	- 0.00 401	0.00 9314	0. 49	- 0.01 086	- 0.0 344 2	0.01 409 9	0. 0 4	0.0 087 9	- 0.03 374	0.01 668 3	0. 53 4	- 0.2361 4	- 3.198 41	3.203 474	0.83 2	TAG5 3:4- FA18 :1	Triacylglyc erol	TAG Ester
A L	id_ 765	0.000 878	- 0.00 201	0.00 4491	0. 52 8	0.00 2472	- 0.0 104 8	0.01 530 7	0. 7 2	0.0 033 5	- 0.01 029	0.01 606 7	0. 63 2	0.2619 98	- 2.474 51	2.450 089	0.70 8	TAG5 3:5- FA18 :1	Triacylglyc erol	TAG Ester
A L	id_ 766	0.001 732	- 0.00 351	0.00 8185	0. 51 6	- 0.00 543	- 0.0 283	0.01 552 5	0. 6 2	- 0.0 037	- 0.02 778	0.01 892 1	0. 78 2	- 0.4682 9	- 4.790 72	2.970 579	0.99	TAG5 3:5- FA18 :2	Triacylglyc erol	TAG Ester
A L	id_ 769	0.001 296	- 0.00 28	0.00 5237	0. 53 8	0.00 8002	- 0.0 065	0.02 159 6	0. 2 7	0.0 092 98	- 0.02 603	0.02 296 3	0. 22	0.1393 95	- 1.030 38	1.412 13	0.57 8	TAG5 3:6- FA18 :0	Triacylglyc erol	TAG Ester

							4											:1		
A	id_		-		0.	-	-	0.02	0.	-	-	0.02		-	-			TAG5		
L	770	0.003	0.00	0.01	47	0.01	0.0	0.02	4	0.0	-	0.02	0.	-	-			3:6-	Triacylglyc	TAG
		535	673	546	4	28	443	058	3	092	0.04	502	63	0.3816	4.969	4.313	0.93	FA18	erol	Ester
							2	8	2	6	106	3		4	81	565	6	:2		
A	id_		-		0.	-	-	0.01	8	0.0	-	0.01		-	-			TAG5		
L	771	0.001	0.00	0.00	0.	0.00	0.0	570	3	002	0.01	857		6.1342	4.012	4.656	0.84	3:6-	Triacylglyc	TAG
		783	378	7453	49	149	21	5	4	91	982	4	1	64	73	795	6	:3	erol	Ester
A	id_		-		0.	-	-	0.02	6	0.0	-	0.02		-	-			TAG5		
L	773	0.001	0.00	0.00	55	0.00	0.0	740	3	057	0.04	786	0.	0.2554	2.598	2.449	0.92	3:7-	Triacylglyc	TAG
		48	292	7862	2	727	407	740	3	2	9	1	73	1	79	591	6	:3	erol	Ester
A	id_		-		0.	-	-	0.02	9	7.8	-	0.02		-	-			TAG5		
L	856	0.002	0.00	0.00	53	0.00	0.0	381	0	1E-	0.02	636	0.	30.209	3.864	6.898		5:6-	Triacylglyc	TAG
		36	537	985	6	228	265	381	5	05	455	3	95	33	66	692	0.85	:1	erol	Ester
A	id_		-		0.	-	-	0.02	5	0.0	-	0.01		-	-			TAG5		
L	857	0.000	0.00	0.00	0.	0.00	0.0	0.01	6	046	0.01	938	0.	0.1269	1.206	1.681	0.79	5:6-	Triacylglyc	TAG
		589	172	3147	62	405	112	833	8	39	027	1	54	36	37	548	2	:3	erol	Ester
A	id_		-		0.	-	-	0.08	0.	0.0	-	0.09	0.	-	-			TAG5		
L	860	0.008	0.01	0.03	49	0.01	0.0	401	0.	026	0.08	598	96	3.0851	2.932	3.538	0.88	5:7-	Triacylglyc	TAG
		126	54	7633	6	076	854	401	8	3	225	7	4	1	51	935	8	:1	erol	Ester
A	id_		-		0.	-	-	0.02	5	0.0	-	0.02	0.	-	-			TAG5		
L	861	0.000	0.00	0.00	69	0.00	0.0	257	9	052	0.01	323	55	0.0980	1.192	1.433	0.81	5:7-	Triacylglyc	TAG
		512	195	3293	4	4711	134	7	8	23	303	3	4	61	92	99	6	:3	erol	Ester
A	id_		-		0.	-	-	0.01	0.	0.0	-	0.01	0.	-	-			TAG5		
L	862	0.000	0.00	0.00	53	0.00	0.0	063	6	026	0.01	175	76	0.3133	2.111	2.893	0.97	5:7-	Triacylglyc	TAG
		819	172	3882	4	343	199	1	7	1	934	6	2	8	31	236	6	:4	erol	Ester

A L	id_ 864	0.001 252	- 0.00 246	0.00 6087	0. 53	0.00 0426	- 0.0 180 3	0.01 767	0. 9 8 6	0.0 016 78	- 0.01 7	0.01 962 1	0. 88 8	0.7462 66	- 3.297 42	2.141 041	0.88 2	TAG5 5:8- FA20 :4	Triacylglyc erol	TAG Ester
A L	id_ 939	0.000 537	- 0.00 191	0.00 306	0. 73	0.00 3154	- 0.0 145 1	0.02 035 8	0. 7 0 2	0.0 036 91	- 0.01 432	0.02 103 6	0. 67 8	0.1454 71	- 1.468 61	1.139 36	0.84 8	TAG5 7:9- FA22 :6	Triacylglyc erol	TAG Ester
A L	id_ 978	0.005 239	- 0.01 032	0.02 6019	0. 50 2	- 0.04 188	0.1 086 6	0.02 419 7	0. 2 2 2	0.0 366 4	- 0.10 426	0.03 335 4	0. 30 4	-0.143	2.631 74	1.878 333	0.71 4	Total CE	Neutral Complex Lipids SUM	Choles teryl Esters
A L	id_ 979	0.010 803	- 0.02 156	0.04 6668	0. 44 4	- 0.04 739	0.1 309 9	0.05 079 8	0. 3 3 6	0.0 365 9	- 0.12 675	0.07 038 9	0. 49 8	- 0.2952 8	- 5.530 88	3.427 667	0.82 6	Total CER	Sphingolipi d SUM	Cerami des
A L	id_ 981	0.008 709	- 0.01 702	0.03 5438	0. 53 4	- 0.03 558	0.1 060 1	0.03 021 8	0. 2 8 2	0.0 268 7	- 0.09 995	0.04 712 6	0. 42 8	- 0.3241 2	- 4.818 31	4.088 221	0.85 8	Total DCE R	Sphingolipi d SUM	Dihydr ocera mides
A L	id_ 982	0.003 702	- 0.00 928	0.02 0469	0. 57 4	- 0.02 097	0.0 908 1	0.05 018	0. 5 6 8	0.0 172 7	- 0.08 753	0.05 285 8	0. 63 4	- 0.2143 8	- 1.950 37	2.980 222	0.87 2	Total HCE R	Sphingolipi d SUM	Hexosy lcerami des
A L	id_ 983	- 0.002 81	- 0.01 685	0.00 5979	0. 53 8	0.00 6904	0.0 550 3	0.07 035 2	0. 8 0 4	0.0 040 97	- 0.05 673	0.06 761 4	0. 87 2	- 0.6850 3	- 2.168 26	2.119 793	0.97	Total LCER	Sphingolipi d SUM	Lactos ylcera mides
A L	id_ 987	- 0.001 33	- 0.01 206	0.00 6304	0. 78 6	- 0.02 085	0.0 834 3	0.04 187 2	0. 5 1 4	0.0 221 8	- 0.08 345	0.04 157 9	0. 49 6	0.0601 37	- 0.838 87	0.874 928	0.88 2	Total PC	Phospholi pid SUM	Phosph atidylc holines
A	id_ -	- -	- -	0.00	0.	-	-	0.03	0.	-	-	0.03	0.	0.0088	-	0.705	0.96	Total	Sphingolipi	Sphing

L	990	0.0002	0.00605	6355	98	0.0222	0.08115	6587	446	0.0224	0.08082	5643	452	48	0.88488	08	8	SM	d SUM	omyelins
A L	id_ 039	0.004176	- 0.00761	0.02516	0.544	- 0.13415	- 0.36046	0.04777	0.1142	0.12997	- 0.35058	0.04815	0.1154	- 0.03213	- 0.42721	0.217687	0.63	CE(22:1)	Cholesterol Ester	CE Ester
A L	id_ 060	0.02768	- 0.05433	0.130376	0.558	- 8.83E-05	- 0.35468	0.34864	0.0932	0.027592	- 0.34013	0.40131	0.0942	1.003202	- 4.73743	4.371318	0.84	DAG(12:0/18:1)	Diacylglycerol	DAG Ester
A L	id_ 071	0.018849	- 0.04492	0.075313	0.534	- 0.05349	- 0.23472	0.13336	0.0582	0.03465	- 0.22195	0.14831	0.0708	- 0.54405	- 3.40249	5.713114	0.982	DAG(14:1/16:0)	Diacylglycerol	DAG Ester
A L	id_ 072	0.012686	- 0.02318	0.058944	0.52	0.051538	- 0.13678	0.23588	0.0631	0.064224	- 0.12416	0.25613	0.0526	0.197521	- 1.57033	3.142288	0.702	DAG(14:1/18:1)	Diacylglycerol	DAG Ester
A L	id_ 150	- 0.00248	- 0.02068	0.006359	0.592	0.020943	- 0.06617	0.11634	0.0652	0.01846	- 0.06611	0.11410	0.0702	- 0.13452	- 1.21389	1.578607	0.87	LCER(24:1)	Sphingolipids	Lactosylceramide
A L	id_ 151	0.000619	- 0.00734	0.010761	0.88	0.037989	- 0.05236	0.12192	0.0426	0.038608	- 0.05158	0.12064	0.0412	0.016042	- 0.69343	0.92583	0.936	LCER(26:0)	Sphingolipids	Lactosylceramide
A L	id_ 160	- 0.00241	- 0.01915	0.012499	0.77	0.00865	- 0.11667	0.08669	0.089	0.01106	- 0.11587	0.08654	0.086	0.217878	- 1.6397	1.178414	0.914	LPC(18:2)	Lysophosphatidylcholine	LPC Ester
A L	id_ 196	0.002069	- 0.00	0.014382	0.62	- 0.03	- 0.1	0.03469	0.02	- 0.0	- 0.10	0.03665	0.031	- 0.0610	- 1.316	0.856027	0.774	MAG(18:3)	MAG	Ester

			55		2	597	108 3	9	9 6	339	805		2	3	46					
A L	id_ 199	0.001 121	- 0.00 727	0.01 5275	0. 78	- 0.04 928	- 0.1 415 1	0.03 610 2	0. 2 6	- 0.0 481 6	- 0.13 685 3	0.03 28 6	- 0.0232 9	- 0.656 24	0.903 897	0.81 4	MAG(20:1)	MAG	Ester	
A L	id_ 200	0.001 46	- 0.00 661	0.01 2914	0. 75 8	- 0.03 727	- 0.1 065 6	0.03 018 4	0. 3 2	- 0.0 358 1	- 0.10 151 1	0.03 32 6	- 0.0407 8	- 1.241 61	0.885 695	0.83 6	MAG(20:2)	MAG	Ester	
A L	id_ 201	0.004 863	- 0.01 53	0.02 6125	0. 60 2	- 0.00 256	- 0.1 063 4	0.09 246 8	0. 9 2	0.0 023 01	- 0.10 158	0.09 784 4	2.1136 03	- 2.982 82	1.935 393	0.92 8	MAG(20:3)	MAG	Ester	
A L	id_ 251	0.004 165	- 0.01 732	0.02 7555	0. 71 4	0.00 1518	- 0.1 324 6	0.14 273 2	0. 9 6	0.0 056 83	- 0.13 373	0.14 752 3	0. 0.7329 33	- 1.390 7	2.102 854	0.89 4	PC(1 6:0/2 2:6)	Phosphati dylcholine	PC Ester	
A L	id_ 288	- 0.002 55	- 0.01 655	0.00 9741	0. 74 2	- 0.09 067	- 0.1 986 1	0.01 508 4	0. 8 8	0.0 932 1	- 0.20 165	0.01 540 1	0. 0.0273 25	- 0.263 48	0.284 081	0.75 2	PC(1 8:1/2 2:6)	Phosphati dylcholine	PC Ester	
A L	id_ 293	- 0.015 06	- 0.06 573	0.03 25	0. 53 4	- 0.00 747	- 0.1 200 2	0.10 118 5	0. 2 8	0.0 225 3	- 0.13 973	0.10 063 9	0. 0.6685 02	- 3.087 54	5.598 027	0.63 8	PC(1 8:2/2 0:2)	Phosphati dylcholine	PC Ester	
A L	id_ 298	0.001 799	- 0.01 027	0.02 0791	0. 81 4	- 0.04 636	- 0.1 628 6	0.07 943	0. 4 8	0.0 445 6	- 0.15 96	0.07 780 4	0. 0.0403 7	- 1.348 62	1.055 598	0.89 2	PC(1 8:2/2 2:5)	Phosphati dylcholine	PC Ester	
A L	id_ 332	0.007 685	- 0.01 688	0.03 6048	0. 52 8	0.00 8906	- 0.1 328	0.15 309 9	0. 9 1	0.0 165 91	- 0.12 643	0.16 110 1	0. 0.4632 16	- 2.445 95	2.353 484	0.83 2	PE(1 8:0/1 8:0)	Phosphati dylethanol amine	PE Ester	

							6		4											
A L	id_ 359	0.001 326	- 0.01 458	0.01 5387	0. 99	- 0.08 193	- 0.2 388 1	0.06 402	0. 2 8 8	- 0.0 806	- 0.23 711	0.06 513 5	0. 28 8	- 0.0164 5	- 0.847 73	0.412 112	0.97	PE(1 8:2/1 6:1)	Phosphati dylethanol amine	PE Ester
A L	id_ 366	- 0.001 17	- 0.01 738	0.01 2276	0. 85 8	- 0.06 095	- 0.1 922	0.07 203 5	0. 3 7 2	- 0.0 621 2	- 0.19 047	0.07 159 1	0. 36 2	0.0188 61	- 0.808 39	0.563 635	0.88	PE(O - 16:0/ 18:2)	Phosphati dylethanol amine	PE Ether
A L	id_ 368	0.011 531	- 0.02 49	0.05 2053	0. 48 8	- 0.03 165	- 0.2 194 2	0.16 507	0. 7 9 6	- 0.0 201 2	- 0.21 064	0.18 122 2	0. 86 2	- 0.5731 7	- 2.529 92	2.340 357	0.98 2	PE(O - 16:0/ 20:4)	Phosphati dylethanol amine	PE Ether
A L	id_ 372	0.006 094	- 0.01 518	0.02 8907	0. 59 4	- 0.04 938	- 0.1 783 8	0.08 245 8	0. 4 9 6	- 0.0 432 9	- 0.17 885	0.08 880 2	0. 52 4	- 0.1407 7	- 1.979 59	1.498 411	0.83	PE(O - 16:0/ 22:6)	Phosphati dylethanol amine	PE Ether
A L	id_ 378	0.010 76	- 0.02 268	0.04 824	0. 48 4	- 0.02 527	- 0.1 726 4	0.12 748 4	0. 7 8	- 0.0 145 1	- 0.16 606	0.14 170 4	0. 80 8	- 0.7416 1	- 2.308 31	4.465 034	0.99 2	PE(O - 18:0/ 20:4)	Phosphati dylethanol amine	PE Ether
A L	id_ 381	0.005 4	- 0.01 03	0.03 1275	0. 53 2	- 0.05 879	- 0.1 770 3	0.05 753 9	0. 3 2	- 0.0 533 9	- 0.17 087	0.06 572 5	0. 35 8	- 0.1011 6	- 1.253 21	1.066 114	0.72 2	PE(O - 18:0/ 22:5)	Phosphati dylethanol amine	PE Ether
A L	id_ 382	0.001 864	- 0.01 18	0.01 6168	0. 83 6	- 0.00 436	- 0.1 210 9	0.12 315 2	0. 9 6	- 0.0 025	- 0.12 004	0.12 015 1	0. 95	- 0.7455 7	- 1.046 4	1.302 188	0.97 4	PE(O - 18:0/ 22:6)	Phosphati dylethanol amine	PE Ether
A L	id_ 387	0.001 189	- 0.01 119	0.01 7498	0. 86 8	- 0.09 813	- 0.2 285 5	0.02 915 5	0. 1 4 4	- 0.0 969 4	- 0.22 552	0.03 352 3	0. 13 8	- 0.0122 6	- 0.427 93	0.376 203	0.87 8	PE(P- 16:0/ 18:2)	Phosphati dylethanol amine	PE Plasma logen

A L	id_ 392	0.015 19	- 0.02 726	0.06 7327	0. 49 6	- 0.06 885	- 0.2 744 2	0.11 981 4	0. 4 6	- 0.0 536 6	- 0.24 72	0.14 294 1	0. 59 2	- 0.2830 7	- 2.972 29	2.879 961	0.9	PE(P- 16:0/ 20:4)	Phosphati dylethanol amine	PE Plasma logen
A L	id_ 395	0.008 671	- 0.01 623	0.04 0675	0. 49 8	- 0.04 928	- 0.1 913	0.09 407 9	0. 4 4	- 0.0 406 1	- 0.17 696	0.10 818 9	0. 59	- 0.2135 2	- 2.159 5	2.942 906	0.87 2	PE(P- 16:0/ 22:5)	Phosphati dylethanol amine	PE Plasma logen
A L	id_ 396	0.005 979	- 0.01 391	0.03 0336	0. 58 8	0.00 3062	- 0.1 454 3	0.13 708 4	0. 9 2	0.0 090 42	- 0.13 663	0.14 368 4	0. 90 2	- 0.6613 16	- 1.272 29	1.443 548	0.95 4	PE(P- 16:0/ 22:6)	Phosphati dylethanol amine	PE Plasma logen
A L	id_ 401	0.004 301	- 0.01 186	0.02 3543	0. 53	- 0.04 533	- 0.1 662 1	0.05 821 9	0. 4 2	- 0.0 410 3	- 0.16 058	0.06 456 9	0. 45 4	- 0.1048 3	- 1.704 04	1.184 664	0.78 4	PE(P- 18:0/ 18:1)	Phosphati dylethanol amine	PE Plasma logen
A L	id_ 402	0.003 483	- 0.00 87	0.02 1893	0. 68 4	- 0.07 129	- 0.1 880 1	0.05 239 7	0. 2 3	0.0 678 1	- 0.18 703	0.05 518 8	0. 25 6	- 0.0513 7	- 0.781 03	0.663 056	0.79 6	PE(P- 18:0/ 18:2)	Phosphati dylethanol amine	PE Plasma logen
A L	id_ 406	0.016 247	- 0.03 195	0.06 7536	0. 50 8	- 0.05 684	- 0.2 467 4	0.11 908 5	0. 5 2	0.0 405 9	- 0.23 297	0.14 231 6	0. 68 8	- 0.4002 6	- 3.170 47	3.895 709	0.91 6	PE(P- 18:0/ 20:4)	Phosphati dylethanol amine	PE Plasma logen
A L	id_ 409	0.009 893	- 0.01 904	0.04 8222	0. 48 6	- 0.07 628	- 0.2 323 1	0.07 095 5	0. 3 6	0.0 663 9	- 0.22 14	0.08 059 6	0. 37 2	- 0.1490 2	- 1.826 81	2.277 303	0.76 6	PE(P- 18:0/ 22:5)	Phosphati dylethanol amine	PE Plasma logen
A L	id_ 410	0.009 65	- 0.02 081	0.04 2321	0. 51 2	- 0.01 157	- 0.1 557 2	0.13 364 5	0. 8 8	0.0 019 2	- 0.15 469	0.14 708 3	0. 98 2	- 5.0156 5	- 2.706 44	2.266 439	0.91 8	PE(P- 18:0/ 22:6)	Phosphati dylethanol amine	PE Plasma logen
A	id_ -	-	-	0.00	0.	-	-	0.07	0.	-	-	0.07	0.	0.1338	-	1.356	0.82	PE(P-	Phosphati	PE

L	411	0.003 99	0.02 313	971	57 4	0.02 585	0.1 314 9	809 3	6 2	0.0 298 4	0.14 005	525 1	59 2	11	1.607 99	307	6	18:1/ 16:0)	dylethanol amine	Plasma logen
A L	id_ 415	- 0.000 24	- 0.01 601	0.01 511	0. 97 4	- 0.11 785	- 0.2 533 3	0.00 754 4	0. 0 7	0.1 180 9	- 0.25 05	0.00 543 9	0. 06 4	0.0020 07	- 0.289 63	0.302 216	0.98 6	PE(P- 18:1/ 18:2)	Phosphati dylethanol amine	PE Plasma logen
A L	id_ 419	0.012 699	- 0.02 7	0.05 6374	0. 49	- 0.10 426	- 0.2 851 4	0.07 576 2	0. 2 5	- 0.0 915 6	- 0.28 244	0.08 272 4	0. 32 6	- 0.1386 9	- 3.599 18	1.499 675	0.7	PE(P- 18:1/ 20:4)	Phosphati dylethanol amine	PE Plasma logen
A L	id_ 421	0.001 814	- 0.01 008	0.02 494	0. 73 4	- 0.11 995	- 0.2 815 3	0.02 0 287	0. 0 9	0.1 181 3	- 0.27 241	0.02 288 2	0. 09 8	- 0.0153 5	- 0.374 08	0.261 568	0.74	PE(P- 18:1/ 22:4)	Phosphati dylethanol amine	PE Plasma logen
A L	id_ 422	0.002 918	- 0.01 066	0.02 295	0. 70 8	- 0.05 875	- 0.2 004 5	0.07 463 4	0. 4 3	0.0 558 3	- 0.19 791	0.07 962 5	0. 44	- 0.0522 6	- 1.107 98	0.625 86	0.78 8	PE(P- 18:1/ 22:5)	Phosphati dylethanol amine	PE Plasma logen
A L	id_ 423	0.003 655	- 0.01 116	0.02 7411	0. 67 4	- 0.01 948	- 0.1 672 9	0.11 0 792	0. 9 6	0.0 158 2	- 0.16 102	0.12 074 9	0. 83 8	- 0.2310 1	- 1.115 99	1.416 19	0.93 2	PE(P- 18:1/ 22:6)	Phosphati dylethanol amine	PE Plasma logen
A L	id_ 424	- 0.007 59	- 0.04 502	0.01 2181	0. 50 8	- 0.12 054	- 0.2 653 1	0.02 065 2	0. 0 9	0.1 281 3	- 0.27 49	0.01 560 2	0. 07 2	0.0592 67	- 0.197 8	0.560 295	0.51 2	PE(P- 18:2/ 18:2)	Phosphati dylethanol amine	PE Plasma logen
A L	id_ 425	0.009 262	- 0.01 823	0.05 006	0. 48 8	- 0.11 178	- 0.2 961 8	0.06 734 6	0. 2 1	0.1 025 1	- 0.29 014	0.07 168 7	0. 26	- 0.0903 4	- 1.425 36	1.114 192	0.64 4	PE(P- 18:2/ 20:4)	Phosphati dylethanol amine	PE Plasma logen

Table S13: Mediation analysis of changes in ceramide species and adiponectin levels from baseline to 24 months.

G ro u p	Met abo lite	ACM E_est imate	ACM E_CI _low	ACM E_CI _high	AC M E_ p	ADE _esti mate	ADE _CI_ low	ADE _CI_ high	A D E_ p	Tot al_e ffec t	Tota l_CI_ _low	Tota l_CI_ _high	To ta l_ p	Proport ion_me diated	Prop_ med_ CI_lo w	Prop_ med_ CI_high	Pro p_m ed_ p	Bioc hemi cal	Super_pat hway	Sub_pa thway
C R	id_ 046	0.000 493	- 0.00 942	0.01 1032	0. 89	- 0.12 614	- 0.2 193 5	- 0.05 654	0	- 0.1 256 5	- 0.22 778	- 0.05 388	0	- 0.0039 2	- 0.142 65	0.055 392	0.89	CER(14:0)	Sphingolipi ds	Cerami de
C R	id_ 046	0.000 493	- 0.00 91	0.01 0699	0. 82	- 0.12 614	- 0.2 139 5	- 0.05 479	0	- 0.1 256 5	- 0.22 053	- 0.05 327	0	- 0.0039 2	- 0.137 93	0.057 292	0.82 8	CER(14:0)	Sphingolipi ds	Cerami de
C R	id_ 047	- 0.005 71	- 0.02 588	0.00 7546	0. 44	- 0.11 449	- 0.2 346 4	- 0.02 977	0. 0 4	- 0.1 201 9	- 0.24 413	- 0.03 073	0. 00 2	- 0.0474 82	- 0.068 47	0.185 612	0.44 8	CER(16:0)	Sphingolipi ds	Cerami de
C R	id_ 048	- 0.012 28	- 0.04 235	0.01 1438	0. 29	- 0.21 981	- 0.3 294 9	- 0.12 356	0	- 0.2 320 9	- 0.34 949	- 0.13 454	0	- 0.0529 12	- 0.062 82	0.174 966	0.29 2	CER(18:0)	Sphingolipi ds	Cerami de
C R	id_ 049	- 0.007 16	- 0.03 79	0.00 9227	0. 46	- 0.27 639	- 0.4 399 1	- 0.14 405	0	- 0.2 835 5	- 0.46 391	- 0.14 389	0	- 0.0252 64	- 0.037 66	0.099 94	0.46 4	CER(18:1)	Sphingolipi ds	Cerami de
C R	id_ 050	- 0.011 55	- 0.04 004	0.00 9594	0. 30	- 0.15 899	- 0.2 749 7	- 0.06 956	0	- 0.1 705 3	- 0.29 456	- 0.07 277	0	- 0.0677 07	- 0.076 41	0.202 241	0.30 6	CER(20:0)	Sphingolipi ds	Cerami de

C R	id_ 051	- 0.002 18	- 0.01 606	0.00 7026	0. 75 2	- 0.16 759	- 0.2 650 7	- 0.08 407	0	- 0.1 697 7	- 0.27 764	- 0.08 29	0	0.0128 23	- 0.050 76	0.075 149	0.75 2	CER(20:1)	Sphingolipi ds	Cerami de
C R	id_ 052	- 0.015 99	- 0.05 647	0.01 5621	0. 33 4	- 0.18 695	- 0.3 221 2	- 0.08 389	0	- 0.2 029 4	- 0.35 26	- 0.08 781	0	0.0788 1	- 0.101 64	0.242 892	0.33 4	CER(22:0)	Sphingolipi ds	Cerami de
C R	id_ 053	- 0.007 95	- 0.03 232	0.00 9156	0. 31 8	- 0.20 172	- 0.3 060 6	- 0.12 138	0	- 0.2 096 7	- 0.32 368	- 0.12 665	0	0.0379 16	- 0.044 78	0.123 847	0.31 8	CER(22:1)	Sphingolipi ds	Cerami de
C R	id_ 054	- 0.013 99	- 0.04 67	0.01 2957	0. 29 2	- 0.14 254	- 0.2 745 2	- 0.04 402	0	- 0.1 565 3	- 0.29 551	- 0.05 01	0	0.0893 58	- 0.122 87	0.300 193	0.29 2	CER(24:0)	Sphingolipi ds	Cerami de
C R	id_ 055	- 0.008 73	- 0.03 221	0.00 9018	0. 31 6	- 0.10 427	- 0.1 992 9	- 0.01 645	0 0 4	- 0.1 13	- 0.20 947	- 0.02 43	0. 00 6	0.0772 28	- 0.104 8	0.332 148	0.31 4	CER(24:1)	Sphingolipi ds	Cerami de
C R	id_ 057	- 0.003 19	- 0.01 603	0.00 5215	0. 54	- 0.05 463	- 0.1 466 6	0.02 703 7	0. 0 8	- 0.0 578 2	- 0.15 193	0.02 495 9	0. 19	0.0550 9	- 0.243 1	0.506 349	0.57	CER(26:1)	Sphingolipi ds	Cerami de
C R	id_ 116	0.000 514	- 0.01 169	0.01 3663	0. 91 2	- 0.08 705	- 0.2 308 3	0.04 554 7	0. 0 6	- 0.0 865 4	- 0.23 111	0.05 033 4	0. 21 6	- 0.0059 4	- -0.345	0.449 933	0.93 6	DCE R(14: 0)	Sphingolipi ds	Dihydr ocera mide
C R	id_ 117	- 0.004 67	- 0.02 247	0.00 5229	0. 43 4	- 0.08 132	- 0.1 732 8	- 0.00 571	0. 0 3	- 0.0 859 9	- 0.19 002	- 0.00 586	0. 03 2	0.0543 37	- 0.080 26	0.225 596	0.44 6	DCE R(16: 0)	Sphingolipi ds	Dihydr ocera mide
C	id_ 118	-	-	0.00	0.	-	-	-	0.	-	-	-	0	0.0679	-	0.266	0.32	DCE	Sphingolipi	Dihydr

R	118	0.008 19	0.03 066	6831	32	0.11 249	0.2 051 1	0.03 072	0 0 2	0.1 206 9	0.21 955	0.03 394		02	0.065 33	563		R(18: 0)	ds	ocera mide
C R	id_ 119	- 0.007 49	- 0.03 524	0.00 6995	0. 36 2	- 0.12 668	- 0.2 720 9	- 0.00 909	0. 0 2 4	- 0.1 341 7	- 0.29 162	- 0.01 209	0. 01 6	0.0558 35	- 0.063 23	0.269 792	0.35 8	DCE R(18: 1)	Sphingolipi ds	Dihydr ocera mide
C R	id_ 120	- 0.003 48	- 0.01 905	0.00 4953	0. 54 2	- 0.06 504	- 0.1 491 5	- 0.00 205	0. 0 2	- 0.0 685 3	- 0.15 883	- 0.00 207	0. 04 2	0.0508 43	- 0.116 16	0.252 12	0.53 6	DCE R(20: 0)	Sphingolipi ds	Dihydr ocera mide
C R	id_ 121	- 0.002 88	- 0.02 401	0.00 8205	0. 74 8	- 0.12 967	- 0.2 597 6	- 0.03 587	0. 0 6	- 0.1 325 4	- 0.26 708	- 0.03 427	0. 00 6	0.0217 17	- 0.122 93	0.129 676	0.74 2	DCE R(20: 1)	Sphingolipi ds	Dihydr ocera mide
C R	id_ 122	- 0.009 67	- 0.03 538	0.00 8286	0. 29	- 0.14 505	- 0.2 567 8	- 0.05 827		- 0.1 547 2	- 0.27 914	- 0.06 617	0. 0	0.0625 22	- 0.063 46	0.179 983	0.29	DCE R(22: 0)	Sphingolipi ds	Dihydr ocera mide
C R	id_ 123	- 0.003 85	- 0.02 008	0.00 3616	0. 39 8	- 0.08 888	- 0.1 689 6	- 0.03 275		- 0.0 927 3	- 0.18 327	- 0.03 304	0. 0	0.0415 43	- 0.038 88	0.151 813	0.39 8	DCE R(22: 1)	Sphingolipi ds	Dihydr ocera mide
C R	id_ 124	- 0.010 87	- 0.04 342	0.01 0544	0. 31 6	- 0.12 7	- 0.2 523 1	- 0.01 971	0. 0 1 6	- 0.1 378 7	- 0.27 641	- 0.02 566	0. 01 2	0.0788 59	- 0.128 14	0.343 316	0.31 2	DCE R(22: 2)	Sphingolipi ds	Dihydr ocera mide
C R	id_ 125	- 0.011 69	- 0.04 092	0.01 1758	0. 30 2	- 0.15 089	- 0.2 804 5	- 0.04 777		- 0.1 625 8	- 0.30 998	- 0.05 433	0. 0	0.0718 8	- 0.086 01	0.247 949	0.30 2	DCE R(24: 0)	Sphingolipi ds	Dihydr ocera mide
C R	id_ 126	- 0.004	- 0.02	0.00 3872	0. 36	- 0.07	- 0.1	- 0.01	0. 0	- 0.0	- 0.18	- 0.01	0. 00	0.0546 13	- 0.060	0.179 949	0.36 6	DCE R(24:	Sphingolipi ds	Dihydr ocera

		37	492		4	559	74	678	0 8	799 5	946	698	6		87			1)		mide
C R	id_ 128	- 0.002 94	- 0.01 534	0.00 4707	0. 58	- 0.03 077	0.1 157 7	0.03 510 7	0. 4 2 6	- 0.0 337 2	- 0.12 675	0.03 409 6	0. 41	0.0873 18	- 0.454 5	0.869 647	0.62 2	DCE R(26: 1)	Sphingolipi ds	Dihydr ocera mide
C R	id_ 129	- 0.003 489	- 0.00 632	0.01 8247	0. 46 8	- 0.06 65	0.1 485 6	- 0.00 178	0. 0 3	0.0 630 1	- 0.14 839	0.00 304 3	0. 06 6	- 0.0553 6	- 1.172 16	0.622 271	0.53 4	HCE R(14: 0)	Sphingolipi ds	Hexosy lcerami de
C R	id_ 130	- 0.003 87	- 0.01 906	0.00 7042	0. 67 4	- 0.06 457	0.1 656 3	0.01 360 3	0. 1 2	0.0 684 5	- 0.17 574	0.01 297 9	0. 15	0.0565 76	- 0.311 24	0.474 535	0.65 6	HCE R(16: 0)	Sphingolipi ds	Hexosy lcerami de
C R	id_ 131	- 0.001 003	- 0.00 989	0.01 2267	0. 77 8	- 0.04 762	0.1 378 1	0.03 657 2	0. 2 6	0.0 466 2	- 0.14 055	0.03 999 8	0. 32 6	- 0.0215 2	- 1.070 19	0.834 22	0.97 2	HCE R(18: 0)	Sphingolipi ds	Hexosy lcerami de
C R	id_ 132	- 0.000 149	- 0.01 12	0.01 1839	0. 86	- 0.12 801	0.2 358 9	- 0.04 834	- 0.1 0	0.0 278 6	- 0.23 637	- 0.04 448	0.	- 0.0011 7	- 0.152 15	0.061 552	0.86	HCE R(18: 1)	Sphingolipi ds	Hexosy lcerami de
C R	id_ 133	- 0.003 63	- 0.02 243	0.00 7612	0. 7	- 0.02 389	0.1 426 5	0.06 538	0. 6 6	0.0 275 2	- 0.15 99	0.06 589 6	0. 67 2	0.1317 34	- 0.781 05	0.873 416	0.62 4	HCE R(20: 0)	Sphingolipi ds	Hexosy lcerami de
C R	id_ 134	- 0.001 477	- 0.00 997	0.01 5234	0. 72 6	- 0.10 183	- 0.2 073	- 0.02 248	0. 0 1	0.1 003 5	- 0.21 098	- 0.01 725	0. 01 6	- 0.0147 2	- 0.342 89	0.088 486	0.73 8	HCE R(20: 1)	Sphingolipi ds	Hexosy lcerami de
C R	id_ 135	- 0.007 07	- 0.02 773	0.00 6615	0. 32 8	- 0.05 639	- 0.1 907	0.04 030 4	0. 3 2	- 0.0 634	- 0.20 208	0.03 995 9	0. 29	0.1114 4	- 0.630 66	0.893 403	0.46 2	HCE R(22: 0)	Sphingolipi ds	Hexosy lcerami de

							3		4	6										
C R	id_ 136	0.001 621	- 0.00 782	0.01 4795	0. 75	- 0.12 593	0.2 287 6	- 0.04 739		0.1 243 1	- 0.23 549	- 0.04 222	0. 00 2	- 0.0130 4	- 0.202 99	0.049 056	0.75 2	HCE R(22: 1)	Sphingolipi ds	Hexosy lcerami de
C R	id_ 137	- 0.006 11	- 0.02 391	0. 40 5703	- 0.01 952	0.1 348 1	0.07 883 8	0.07 883 8	0. 8 6	0.0 256 2	- 0.14 406	0.07 612 6	0. 73	0.2382 71	1.183 08	1.778 737	0.69 4	HCE R(24: 0)	Sphingolipi ds	Hexosy lcerami de
C R	id_ 138	- 0.001 79	- 0.01 259	0. 78 7893	0.01 2211	0.0 764 8	0.09 140 8	0.09 140 8	0. 7 4	0.0 104 25	- 0.08 129	0.09 170 3	0. 75 2	- 0.1713 7	- 0.963 45	1.105 075	0.85 4	HCE R(24: 1)	Sphingolipi ds	Hexosy lcerami de
C R	id_ 139	- 5.26E -05	- 0.01 157	0. 94 3202	- 0.02 073	0.1 260 8	0.06 995	0.06 995	0. 7 2	0.0 207 9	- 0.13 492	0.07 198 5	0. 76	0.0025 31	1.087 16	0.876 884	0.73 6	HCE R(26: 0)	Sphingolipi ds	Hexosy lcerami de
C R	id_ 141	0.011 015	- 0.01 077	0.03 7447	0. 33	- 0.01 344	0.0 944 4	0.06 867 3	0. 7 8	0.0 024 3	- 0.08 89	0.08 514 7	0. 98 8	- 4.5405 6	- 3.927 56	7.080 414	0.85 8	LCER (14:0)	Sphingolipi ds	Lactos ylcera mide
C R	id_ 142	0.003 813	- 0.00 366	0.01 6341	0. 36	0.01 5822	0.0 513 1	0.08 254 4	0. 6 4	0.0 196 35	- 0.04 735	0.08 679 8	0. 56 2	0.1941 84	2.058 95	1.753 776	0.63 4	LCER (16:0)	Sphingolipi ds	Lactos ylcera mide
C R	id_ 144	- 0.000 97	- 0.00 907	0. 86 5015	- 0.02 29	0.0 907 2	0.03 459 1	0.03 459 1	0. 4 4	0.0 238 7	- 0.09 522	0.03 438 2	0. 5	0.0405 27	0.862 56	0.760 344	0.75 4	LCER (18:1)	Sphingolipi ds	Lactos ylcera mide
C R	id_ 145	0.003 109	- 0.00 46	0. 48 4154	- 0.04 552	0.1 138 2	0.01 675 5	0.01 675 5	0. 1 2	0.0 424 1	- 0.11 224	0.02 231 1	0. 22 6	- 0.0733 1	- 1.069 25	1.100 367	0.65 6	LCER (20:0)	Sphingolipi ds	Lactos ylcera mide

C	id_	-	-	0.	-	-	0.0	0.04	0.	-	-	0.04	0.		-			LCER		Lactos
R	146	0.001	0.01	0.00	76	0.02	982	095	5	0.0	0.10	089	55	0.0537	0.604	0.890	0.76	(20:1)	Sphingolipi	ylcera
		45	174	4485	6	546	8	2	4	269	273	9	4	94	29	77	8	)	ds	mide
C	id_		-			-	0.0	0.05	0.	0.0	-	0.05	0.	-	-			LCER		Lactos
R	147	0.004	0.00	0.01	0.	0.01	933	109	6	144	0.08	966	69	0.3399	2.038	1.633	0.84	(22:0)	Sphingolipi	ylcera
		905	464	7845	35	933	3	3	3	3	734	2	6	4	74	223	6	)	ds	mide
C	id_		-		0.	-	0.0	0.05	0.	0.0	-	0.06	0.	-	-			LCER		Lactos
R	148	0.005	0.00	0.02	28	0.01	900	569	4	105	0.08	386	76	0.5576	2.899	2.407	0.92	(22:1)	Sphingolipi	ylcera
		868	511	207	6	639	9	7	2	2	775	3	2	1	34	491	4	)	ds	mide
C	id_		-		0.		0.0	0.11	0.	0.0	-	0.12			-			LCER		Lactos
R	149	0.005	0.00	0.02	33	0.04	294	701	3	503	0.02	182	0.	0.1081	0.812	1.568	0.41	(24:0)	Sphingolipi	ylcera
		442	434	1135	4	4866	9	3	4	08	569	8	18	79	26	082	4	)	ds	mide
C	id_		-		0.		0.0	0.08	0.	0.0	-	0.08			-			LCER		Lactos
R	152	0.004	0.00	0.01	0.	0.01	607	090	7	187	0.05	654	0.	0.2602	1.754	2.129	0.67	(26:1)	Sphingolipi	ylcera
		889	487	8145	36	39	1	6	3	89	613	9	62	19	66	882	2	)	ds	mide
C	id_	-	-		0.	-	0.2	-	0.	0.1	-	-	0.		-			Total		
R	979	0.012	0.04	0.01	30	0.14	601	0.04	0	524	0.29	0.05	00	0.0811	0.094	0.264	0.3	CER	Sphingolipi	Cerami
		38	454	205	2	009	3	611	2	7	224	238	2	92	96	59			d SUM	des
C	id_	-	-			-	-	-	0.	0.1	-	-	0.		-			Total		
R	981	0.007	0.02	0.00	0.	0.09	0.2	0.02	0	058	0.21	0.03	00	0.0682	0.078	0.215	0.34	DCE	Sphingolipi	Dihydr
		23	957	6027	34	865	036	674	2	8	75	077	2	45	66	364	2	R	d SUM	ocera
C	id_	-	-		0.	-	0.1	0.04	0.	0.0	-	0.04	0.		-			Total		
R	982	0.004	0.02	0.00	48	0.03	371	837	0	394	0.14	869	47	0.1151	0.653	0.971	0.61	HCE	Sphingolipi	lcerami
		55	185	7392	8	493	6	2	4	8	606	6	4	81	81	224	8	R	d SUM	des
C	id_	0.003	-	0.01	0.	0.01	-	0.06	0.	0.0	-	0.07	0.	0.2209	-	2.241	0.65	Total	Sphingolipi	Lactos

R	983	452	0.00 349	4081	36 4	2169	0.0 437 1	506 5	6 8 2	156 2	0.04 225	158 5	62	68	1.404 84	465	6	LCER	d SUM	ylcera mides
C R	id_ 150	0.005 873	- 0.00 512	0.02 2091	0. 35 6	0.09 56	0.0 113 4	0.17 791 5	0. 0 2	0.1 014 73	0.01 563 7	0.18 219 4	0. 00 8	0.0578 78	- 0.070 12	0.364 395	0.35 6	LCER (24:1)	Sphingolipi ds	Lactos ylcera mide
C R	id_ 151	0.001 571	- 0.00 775	0.01 048	0. 76	0.00 9345	- 0.0 591 4	0.08 030 7	0. 0 4	0.0 109 15	- 0.05 989	0.07 974 3	0. 78 4	0.1438 87	- 0.983 01	1.673 149	0.82 8	LCER (26:0)	Sphingolipi ds	Lactos ylcera mide
A L	id_ 046	- 0.013 9	- 0.03 793	0.00 1591	0. 08 6	- 0.02 266	- 0.0 953 6	0.04 808 2	0. 5 2	0.0 365 7	- 0.10 433	0.03 683 5	0. 29 8	0.3802 32	- 3.228 3	3.226 287	0.35 2	CER(14:0)	Sphingolipi ds	Cerami de
A L	id_ 047	- 0.000 325	- 0.01 175	0.01 5021	0. 97 6	- 0.01 184	- 0.0 874 5	0.06 403 4	0. 7 8	0.0 115 1	- 0.08 756	0.06 288 2	0. 71 8	- 0.0282 3	- 1.932 41	1.587 071	0.91	CER(16:0)	Sphingolipi ds	Cerami de
A L	id_ 048	- 0.024 731	- 0.00 179	0.06 448	0. 08 6	- 0.07 192	- 0.1 935	0.04 886 9	0. 2 4	0.0 471 8	- 0.17 268	0.07 703 6	0. 47 2	- 0.5241 4	- 7.427 75	4.035 948	0.53 8	CER(18:0)	Sphingolipi ds	Cerami de
A L	id_ 049	- 0.005 09	- 0.03 106	0.01 3877	0. 67 4	- 0.10 696	- 0.2 004 7	0.00 326 7	0. 0 2	0.1 120 5	- 0.21 135	- 0.00 486	0. 04 4	0.0454 52	- 0.280 71	0.494 867	0.67	CER(18:1)	Sphingolipi ds	Cerami de
A L	id_ 050	- 0.015 332	- 0.00 17	0.04 323	0. 11	- 0.05 379	- 0.1 613 5	0.05 243 1	0. 2 2	0.0 384 6	- 0.14 587	0.07 279 2	0. 44 4	- 0.3986 2	- 3.383 6	3.966 147	0.51 4	CER(20:0)	Sphingolipi ds	Cerami de
A L	id_ 051	- 0.002 26	- 0.01 762	0.01 9437	0. 76 6	- 0.05 99	- 0.1 463	0.02 840 3	0. 0 9	- 0.0 576	- 0.14 135	0.02 839 6	0. 18 8	-0.0392	- 1.099 4	0.925 498	0.81	CER(20:1)	Sphingolipi ds	Cerami de

							2		8	5										
A L	id_ 052	0.025 147	- 0.00 137	0.06 5327	0. 06 4	- 0.04 765	0.1 541 5	0.06 752 6	0. 3 2	- 0.0 225	- 0.13 509	0.09 149 6	0. 69 6	- 1.1176 7	- 6.178 24	6.588 531	0.72 8	CER(22:0)	Sphingolipi ds	Cerami de
A L	id_ 053	0.014 948	- 0.00 191	0.04 18	0. 10 4	- 0.11 338	0.1 918 9	- 0.03 012	0. 0 6	- 0.0 984 3	- 0.17 836	- 0.01 827	0. 01 8	- 0.1518 6	- 0.817 11	0.030 646	0.12 2	CER(22:1)	Sphingolipi ds	Cerami de
A L	id_ 054	0.024 131	0.00 078 7	0.06 1874	0. 03 8	- 0.02 874	0.1 294 3	0.07 659 5	0. 6 4	0.0 046 1	- 0.10 942	0.10 292 2	0. 98	- 5.2366 4	- 5.348 86	8.295 876	0.99	CER(24:0)	Sphingolipi ds	Cerami de
A L	id_ 055	0.024 827	- 0.00 087	0.05 7289	0. 06 2	- 0.01 448	- 0.1 107	0.08 968 3	0. 8 6	0.0 103 51	- 0.08 788	0.11 492	0. 78	2.3984 86	- 4.789 83	7.478 234	0.77 4	CER(24:1)	Sphingolipi ds	Cerami de
A L	id_ 057	0.018 92	- 0.00 293	0.05 1028	0. 09 2	- 0.00 47	0.1 083 6	0.11 293 6	0. 9 2	0.0 142 24	- 0.09 612	0.12 620 1	0. 82 8	1.3301 46	- 3.523 22	5.101 148	0.82 4	CER(26:1)	Sphingolipi ds	Cerami de
A L	id_ 116	0.000 911	- 0.02 253	0.02 3705	0. 91 8	0.01 5836	0.0 949 3	0.13 965 2	0. 7 2	0.0 167 47	- 0.08 283	0.12 687 4	0. 75 4	0.0544 12	- 2.549 91	2.035 076	0.81 2	DCE R(14: 0)	Sphingolipi ds	Dihydr ocera mide
A L	id_ 117	0.004 222	- 0.00 587	0.01 9331	0. 43 2	0.00 842	0.0 648 7	0.08 208 8	0. 8 8	0.0 126 42	- 0.05 829	0.08 387	0. 73	0.3339 39	- 2.387 23	1.921 07	0.91 4	DCE R(16: 0)	Sphingolipi ds	Dihydr ocera mide
A L	id_ 118	0.018 054	- 0.00 168	0.04 5494	0. 07 6	- 0.03 491	0.1 283 5	0.05 664 9	0. 4 4	0.0 168 6	- 0.10 744	0.07 189 6	0. 71	- 1.0710 7	- 5.995 28	9.832 832	0.73 8	DCE R(18: 0)	Sphingolipi ds	Dihydr ocera mide

A L	id_ 119	0.009 617	- 0.00 929	0.02 7848	0. 34 8	0.01 5549	- 0.0 807 8	0.10 644 8	0. 7 3 6	0.0 251 66	- 0.06 99	0.11 372 8	0. 63 6	0.3821 52	- 2.276 93	3.146 576	0.71 2	DCE R(18: 1)	Sphingolipi ds	Dihydr ocera mide
A L	id_ 120	0.010 211	- 0.00 433	0.03 1504	0. 17 8	- 0.02 326	- 0.0 906 5	0.04 745 6	0. 5 2 4	0.0 130 5	- 0.07 967	0.05 875 9	0. 74 6	- 0.7822 7	- 5.678 48	4.370 566	0.83 6	DCE R(20: 0)	Sphingolipi ds	Dihydr ocera mide
A L	id_ 121	0.002 603	- 0.02 013	0.02 1385	0. 81 6	0.00 8476	- 0.1 042 5	0.12 010 2	0. 8 5 8	0.0 110 79	- 0.09 193	0.11 611 4	0. 86 6	0.2349 33	- 1.923 18	1.729 906	0.89	DCE R(20: 1)	Sphingolipi ds	Dihydr ocera mide
A L	id_ 122	0.021 743	0.00 085 8	0.05 0997	0. 04 2	- 0.05 222	- 0.1 449 2	0.03 981 8	0. 2 8 6	0.0 304 8	- 0.12 167	0.06 755 8	0. 57	- 0.7134 1	- 5.071 52	7.059 407	0.59 6	DCE R(22: 0)	Sphingolipi ds	Dihydr ocera mide
A L	id_ 123	0.011 217	- 0.00 051	0.02 6177	0. 06	- 0.01 528	- 0.0 601 7	0.02 649 1	0. 4 9 2	0.0 040 6	- 0.05 377	0.03 987 7	0. 85 6	- 2.7598 9	- 6.443 82	8.174 524	0.88 4	DCE R(22: 1)	Sphingolipi ds	Dihydr ocera mide
A L	id_ 124	0.032 45	0.00 075 2	0.07 4118	0. 03 8	- 0.03 405	- 0.1 617 5	0.10 165 8	0. 6 4 4	- 0.0 016	- 0.13 139	0.13 434 6	0. 99 6	- 20.290 7	- 7.320 18	7.513 154	0.98 2	DCE R(22: 2)	Sphingolipi ds	Dihydr ocera mide
A L	id_ 125	0.026 595	- 1.10 E-05	0.06 6168	0. 05 2	- 0.02 978	- 0.1 444	0.08 369 1	0. 6 0 2	0.0 031 8	- 0.11 505	0.10 876 5	0. 95 2	- 8.3505 5	- 6.192 03	7.114 903	0.97 2	DCE R(24: 0)	Sphingolipi ds	Dihydr ocera mide
A L	id_ 126	0.013 102	- 0.00 021	0.03 1172	0. 05 8	- 0.02 356	- 0.0 767 7	0.02 862 5	0. 4 0 2	0.0 104 6	- 0.06 585	0.04 371 3	0. 74	- -1.2526	- 9.054 65	7.234 909	0.75 4	DCE R(24: 1)	Sphingolipi ds	Dihydr ocera mide
A	id_ 127	0.012	-	0.03	0.	-	-	0.05	0.	0.0	-	0.07	0.	1.0059	-	7.707	0.67	DCE	Sphingolipi	Dihydr

L	128	825	0.00 018	4229	06	7.54 E-05	0.0 636 4	897 7	9 9	127 5	0.05 556	501 6	65 4	15	4.602 74	15	4	R(26: 1)	ds	ocera mide
A L	id_ 129	- 0.008 12	- 0.02 563	0.00 286	0. 18 4	0.03 5796	- 0.0 325 6	0.11 026 9	0. 3 8	0.0 276 74	- 0.03 827	0.10 052 6	0. 42 8	- 0.2934 6	- 3.617 91	2.045 951	0.52 4	HCE R(14: 0)	Sphingolipi ds	Hexosy lcerami de
A L	id_ 130	0.010 147	- 0.00 319	0.03 1603	0. 17 4	0.00 815	- 0.0 788 6	0.09 154 3	0. 8 6	0.0 182 97	- 0.06 45	0.10 335 5	0. 64 6	0.5545 67	- 2.991 25	5.221 717	0.69 6	HCE R(16: 0)	Sphingolipi ds	Hexosy lcerami de
A L	id_ 131	- 0.005 04	- 0.02 113	0.00 777	0. 43 8	- 0.01 353	- 0.0 853 8	0.05 927 4	0. 7 2	0.0 185 8	- 0.09 252	0.05 569 4	0. 64 6	0.2714 78	- 1.942 98	1.759 364	0.76	HCE R(18: 0)	Sphingolipi ds	Hexosy lcerami de
A L	id_ 132	- 0.000 26	- 0.01 522	0.01 4115	0. 98 6	- 0.07 392	- 0.1 603 8	0.01 217 8	0. 9 2	0.0 741 8	- 0.15 998	0.01 165 3	0. 07 4	0.0035 17	- 0.624 87	0.460 713	0.98 8	HCE R(18: 1)	Sphingolipi ds	Hexosy lcerami de
A L	id_ 133	- 0.004 24	- 0.02 051	0.01 0965	0. 56 8	- 0.01 39	- 0.1 043 8	0.07 940 4	0. 7 7	0.0 181 4	- 0.10 427	0.07 079 9	0. 67 6	0.2336 64	- 1.776 95	2.315 468	0.89 2	HCE R(20: 0)	Sphingolipi ds	Hexosy lcerami de
A L	id_ 134	- 0.001 88	- 0.02 683	0.01 241	0. 77 6	- 0.04 739	- 0.1 345 6	0.04 045 7	0. 2 8	0.0 492 7	- 0.13 675	0.03 111 8	0. 24 2	0.0381 3	- 1.477 5	1.542 235	0.82 6	HCE R(20: 1)	Sphingolipi ds	Hexosy lcerami de
A L	id_ 135	0.005 169	- 0.00 566	0.02 3007	0. 43 4	- 0.00 699	- 0.0 984 1	0.08 393 1	0. 8 4	0.0 018 2	- 0.09 371	0.08 820 4	0. 94 2	- 2.8386 6	- 3.114 97	2.442 482	0.95 6	HCE R(22: 0)	Sphingolipi ds	Hexosy lcerami de
A L	id_ 136	- 0.003	- 0.02	0.01 4304	0. 67	- 0.04	- 0.1	0.04 868	0. 3	- 0.0	- 0.14	0.04 520	0. 29	0.0670 55	- 1.351	1.941 595	0.73 6	HCE R(22: ds	Sphingolipi ds	Hexosy lcerami

		39	811		2	713	369 3	8	5 2	505 2	422	6	2		44			1)		de
A L	id_ 137	0.012 21	- 0.00 142	0.03 727	0. 10 8	0.00 0899	- 0.0 848 5	0.08 216 8	0. 9 6 2	0.0 131 09	- 0.07 236	0.09 120 9	0. 78 8	0.9314 11	- 3.792 37	5.564 945	0.77 2	HCE R(24: 0)	Sphingolipi ds	Hexosy lcerami de
A L	id_ 138	0.009 749	- 0.00 869	0.03 5536	0. 27 4	0.01 1558	- 0.0 876 9	0.11 659 9	0. 7 8	0.0 213 07	- 0.07 588	0.12 447 4	0. 66 2	0.4575 59	- 2.337 4	3.486 409	0.76	HCE R(24: 1)	Sphingolipi ds	Hexosy lcerami de
A L	id_ 139	0.008 676	- 0.00 545	0.02 8842	0. 23 6	0.02 4409	- 0.0 628	0.11 545 3	0. 6 4	0.0 330 85	- 0.05 387	0.12 411 8	0. 47 2	0.2622 45	- 2.207 01	2.305 016	0.61 2	HCE R(26: 0)	Sphingolipi ds	Hexosy lcerami de
A L	id_ 141	- 0.022 19	- 0.05 03	0.00 0872	0. 06 4	0.02 1248	- 0.0 732 1	0.11 387 6	0. 6 4	0.0 009 4	- 0.09 26	0.09 196	0. 98 4	23.538 4	- 6.849 15	8.731 849	0.98	LCER (14:0)	Sphingolipi ds	Lactos ylcera mide
A L	id_ 142	- 0.011 88	- 0.03 295	0.00 1857	0. 11 6	0.03 2316	- 0.0 455 8	0.11 316 2	0. 3 6	0.0 204 39	- 0.05 805	0.10 061 9	0. 54 2	- 0.5811 3	- 4.862 14	3.867 994	0.60 6	LCER (16:0)	Sphingolipi ds	Lactos ylcera mide
A L	id_ 144	- 0.007 86	- 0.02 25	0.00 1658	0. 12 6	0.00 7004	- 0.0 509 1	0.06 351 6	0. 8 1	0.0 008 6	- 0.05 738	0.05 618 7	0. 99 6	9.1877 79	- 3.703 39	3.927 146	0.95 4	LCER (18:1)	Sphingolipi ds	Lactos ylcera mide
A L	id_ 145	0.003 017	- 0.01 228	0.01 9071	0. 63 4	0.00 652	- 0.0 744	0.07 006 5	0. 8 6	0.0 035	- 0.07 122	0.07 390 6	0. 91 4	- 0.8622 4	- 2.348 51	2.296 534	0.96 4	LCER (20:0)	Sphingolipi ds	Lactos ylcera mide
A L	id_ 146	- 0.004 05	- 0.01 915	0.00 8915	0. 48 6	0.00 8668	- 0.0 737	0.08 582 8	0. 8 6	0.0 046 14	- 0.07 718	0.08 215	0. 92 8	- 0.8784 9	- 2.280 12	2.246 917	0.98 6	LCER (20:1)	Sphingolipi ds	Lactos ylcera mide

							3		6											
A L	id_ 147	- 0.005 66	- 0.02 502	0.00 6807	0. 42 8	- 0.02 065	- 0.1 083 7	0.05 379 4	0. 5 2	- 0.0 263 2	- 0.11 536	0.04 776 2	0. 48 8	0.2151 71	- 2.099 28	1.615 518	0.74 4	LCER (22:0)	Sphingolipi ds	Lactos ylcera mide
A L	id_ 148	- 0.002 86	- 0.02 009	0.01 1036	0. 62	- 0.02 285	- 0.0 994	0.05 405 7	0. 6 4	- 0.0 257 1	- 0.10 326	0.05 038 3	0. 53 6	0.1113 64	- 1.701 82	1.748 578	0.78	LCER (22:1)	Sphingolipi ds	Lactos ylcera mide
A L	id_ 149	- 0.007 2	- 0.02 93	0.00 9627	0. 39 6	0.01 7003	- 0.0 715 3	0.10 661 9	0. 7 4	0.0 098 08	- 0.07 779	0.10 287 8	0. 81 4	-0.7336	- 3.399 49	3.394 619	0.91	LCER (24:0)	Sphingolipi ds	Lactos ylcera mide
A L	id_ 152	- 0.000 84	- 0.01 875	0.01 6005	0. 90 6	- 0.00 321	- 0.0 906 4	0.08 008 199	0. 8 2	- 0.0 040 5	- 0.08 804	0.07 891 3	0. 84 8	0.2072 34	- 1.728 34	2.424 418	0.93 4	LCER (26:1)	Sphingolipi ds	Lactos ylcera mide
A L	id_ 979	0.022 449	0.00 062 5	0.05 5391	0. 04 4	- 0.02 786	- 0.1 178	0.06 875 2	0. 5 4	- 0.0 054 1	- 0.09 985	0.09 633 9	0. 89 2	- 4.1468 7	- 6.728 11	8.359 196	0.90 8	Total CER	Sphingolipi d SUM	Cerami des
A L	id_ 981	0.019 582	8.33 E-05	0.04 66	0. 05	- 0.01 417	- 0.0 825 4	0.05 552 3	0. 7 6	0.0 054 14	- 0.06 306	0.07 389 7	0. 84 6	3.6171 83	- 10.00 37	11.04 844	0.82 4	Total DCE R	Sphingolipi d SUM	Dihydr ocera mides
A L	id_ 982	0.008 346	- 0.00 341	0.02 6484	0. 21 2	0.00 0796	- 0.0 805 2	0.07 729 1	0. 9 6	0.0 091 43	- 0.07 221	0.08 008 483	0. 83 4	0.9128 93	- 3.383 48	3.948 703	0.87	Total HCE R	Sphingolipi d SUM	Hexosy lcerami des
A L	id_ 983	- 0.010 2	- 0.02 939	0.00 211	0. 13 4	0.02 5056	- 0.0 457 9	0.09 557 8	0. 5 4	0.0 148 52	- 0.05 506	0.08 008 674	0. 68	- 0.6870 6	- 4.738 67	3.094 415	0.70 2	Total LCER	Sphingolipi d SUM	Lactos ylcera mides

A L	id_ 150	- 0.013 13	- 0.03 93	0.00 3874	0. 15 2	0.05 6202	- 0.0 430 8	0.15 440 4	0. 2 6	0.0 430 71	- 0.05 628	0.14 247 2	0. 41 2	- 0.3048 6	- 2.637 13	3.890 987	0.50 8	LCER (24:1)	Sphingolipi ds	Lactos ylcera mide
A L	id_ 151	0.001 955	- 0.01 33	0.01 8475	0. 76 8	0.06 0685	- 0.0 267 6	0.14 623 9	0. 1 9	0.0 626 4	- 0.02 308	0.14 815 7	0. 18 2	0.0312 14	- 0.885 48	0.716 479	0.80 2	LCER (26:0)	Sphingolipi ds	Lactos ylcera mide
C R	id_ 023	- 0.004 41	- 0.02 447	0.00 7779	0. 60 8	- 0.15 829	- 0.2 892 6	- 0.05 45	0. 0 2	- 0.1 627	- 0.29 765	- 0.05 46	0. 00 2	0.0271 11	- 0.058 28	0.115 264	0.60 6	CE(1 5:0)	Cholester l Ester	CE Ester
C R	id_ 024	- 0.004 18	- 0.02 062	0.00 5324	0. 51 2	- 0.09 869	- 0.1 976 1	- 0.01 836	0. 0 1	- 0.1 028 7	- 0.20 343	- 0.02 074	0. 01 2	0.0406 66	- 0.096 53	0.175 16	0.51 2	CE(1 6:0)	Cholester l Ester	CE Ester
C R	id_ 026	- 0.009 08	- 0.03 411	0.00 8163	0. 35	- 0.17 445	- 0.2 966 8	- 0.07 125	0. 0 0	- 0.1 835 3	- 0.31 952	- 0.07 273	0. 0	0.0494 57	- 0.050 01	0.153 455	0.35	CE(1 7:0)	Cholester l Ester	CE Ester
C R	id_ 027	- 0.010 59	- 0.03 553	0.00 9254	0. 27	- 0.13 877	- 0.2 496 9	- 0.04 857	0. 0 0	- 0.1 493 6	- 0.27 065	- 0.05 625	0. 0	0.0708 77	- 0.080 64	0.216 325	0.27	CE(1 8:0)	Cholester l Ester	CE Ester
C R	id_ 028	- 0.004 27	- 0.02 028	0.00 6018	0. 47 2	- 0.08 945	- 0.1 816 8	- 0.01 189	0. 0 8	- 0.0 937 2	- 0.18 993	- 0.01 255	0. 02	0.0455 58	- 0.095 44	0.222 643	0.48	CE(1 8:1)	Cholester l Ester	CE Ester
C R	id_ 029	- 0.003 21	- 0.01 868	0.00 6521	0. 63 6	- 0.09 763	- 0.1 971 1	- 0.02 543	0. 0 2	- 0.1 008 4	- 0.20 752	- 0.02 481	0. 04	0.0318 19	- 0.120 83	0.133 409	0.63 6	CE(1 8:2)	Cholester l Ester	CE Ester
C	id_ -	- -	- -	0.00	0.	- -	- -	0.00	0.	- -	- -	- -	0.	0.0636	- -	0.274	0.43	CE(2	Cholester l Ester	CE

R	033	0.005 68	0.02 794	7004	43 4	0.08 352	0.2 014 2	180 2	0 5 8	0.0 891 9	0.21 763	0.00 031	05	39	0.137 45	966	6	0:1)	l Ester	Ester
C R	id_ 034	- 0.007 09	- 0.03 19	0.00 9258	0. 39	- 0.15 672	- 0.2 846 7	- 0.06 149	- 0	- 0.1 638	- 0.30 783	- 0.06 266	- 0	0.0432 61	- 0.057 02	0.156 516	0.39	CE(2 0:2)	Cholestero l Ester	CE Ester
C R	id_ 035	- 0.008 73	- 0.03 447	0.01 1239	0. 38 2	- 0.19 799	- 0.3 379 4	- 0.07 946	- 0	- 0.2 067 3	- 0.35 475	- 0.08 603	- 0	0.0422 53	- 0.052 7	0.143 5	0.38 2	CE(2 0:3)	Cholestero l Ester	CE Ester
C R	id_ 036	- 0.006 83	- 0.02 685	0.00 7807	0. 34 8	- 0.12 275	- 0.2 212 3	- 0.03 335	- 0 8	- 0.1 295 8	- 0.23 68	- 0.03 683	- 0. 00 4	0.0527 37	- 0.068 47	0.190 361	0.34 8	CE(2 0:4)	Cholestero l Ester	CE Ester
C R	id_ 041	- 0.007 54	- 0.02 6	0.00 765	0. 32 2	- 0.10 385	- 0.2 055 5	- 0.01 743	- 0 8	- 0.1 113 9	- 0.21 918	- 0.01 996	- 0. 01 4	0.0676 82	- 0.094 08	0.267 927	0.32 8	CE(2 2:4)	Cholestero l Ester	CE Ester
C R	id_ 042	- 0.009	- 0.03 462	0.00 9156	0. 33 4	- 0.08 944	- 0.1 950 7	- 0.00 403	- 0 2	- 0.0 984 5	- 0.20 928	- 0.01 141	- 0. 02 6	0.0914 44	- 0.154 86	0.502 557	0.34	CE(2 2:5)	Cholestero l Ester	CE Ester
C R	id_ 043	- 0.009 23	- 0.03 55	0.00 9165	0. 33	- 0.03 391	- 0.1 578 2	0.09 293 6	0. 6 6	0.0 431 4	- 0.17 044	0.08 464 9	0. 52 2	0.2139 89	- 1.466 12	2.650 077	0.62 4	CE(2 2:6)	Cholestero l Ester	CE Ester
C R	id_ 044	- 0.004 48	- 0.01 885	0.00 6836	0. 47	- 0.07 067	- 0.1 824 1	0.02 09	0. 4 6	0.0 751 5	- 0.19 039	0.01 809 8	0. 13	0.0596 47	- 0.252 35	0.473 725	0.51 2	CE(2 4:0)	Cholestero l Ester	CE Ester
C R	id_ 045	- 0.003	- 0.01	0.00 4967	0. 48	- 0.05	- 0.1	0.02 118	0. 1	- 0.0	- 0.14	0.02 015	0. 14	0.0679 57	- 0.285	0.408 438	0.50 4	CE(2 4:1)	Cholestero l Ester	CE Ester

		7	789		4	078	393	2	5 8	544 8	908	5	4		83					
C R	id_ 154	- 0.008 82	- 0.04 215	0.01 0608	0. 44 6	- 0.16 041	0.3 634 5	- 0.02 452	0. 0 8	0.1 692 3	- 0.39 061	- 0.02 647	0. 01	0.0521 33	- 0.092 18	0.173 131	0.44 8	LPC(15:0)	Lysophosp hatidylchol ine	LPC Ester
C R	id_ 157	- 0.009 77	- 0.03 792	0.01 3778	0. 37 4	- 0.08 637	0.2 261 2	0.02 557 7	0. 1 8	0.0 961 4	- 0.24 134	0.02 120 1	0. 16 4	0.1016 67	- 0.829 76	0.717 225	0.45 8	LPC(17:0)	Lysophosp hatidylchol ine	LPC Ester
C R	id_ 170	- 0.013 84	- 0.04 777	0.01 5978	0. 31	0.01 1176	0.1 177 4	0.14 282 3	0. 8 6	0.0 026 6	- 0.14 524	0.13 579 7	0. 98 6	5.1941 9	- 2.669 68	2.606 574	0.94 4	LPC(22:6)	Lysophosp hatidylchol ine	LPC Ester
C R	id_ 181	- 0.006 21	- 0.02 778	0.00 8176	0. 42 2	- 0.09 346	0.2 238 1	0.01 087	0. 0 8	0.0 996 7	- 0.24 247	0.00 803 7	0. 07	0.0623 43	- 0.234 94	0.322 83	0.46 4	LPE(20:4)	Lysophosp hatidyleth anolamine	LPE Ester
C R	id_ 186	0.000 596	- 0.01 166	0.01 1967	0. 88 2	- 0.04 726	0.1 572 9	0.03 836 2	0. 3 4	0.0 466 7	- 0.16 281	0.04 364 5	0. 39 8	- 0.0127 8	- 0.856 11	1.245 006	0.89 2	MAG(12:0)	MAG	Ester
C R	id_ 188	- 0.008 1	- 0.04 399	0.00 9617	0. 51 8	- 0.11 165	0.3 282 4	0.03 847 8	0. 2 6	0.1 197 5	- 0.35 615	0.04 026 4	0. 21 6	0.0676 57	- 0.285 3	0.339 546	0.49 4	MAG(14:1)	MAG	Ester
C R	id_ 189	- 0.012 06	- 0.05 615	0.01 3536	0. 40 6	- 0.06 404	0.3 276 8	0.19 929 7	0. 6 8	0.0 761 1	- 0.34 127	0.19 517 3	0. 58 8	0.1584 73	- 1.270 28	1.274 438	0.69 8	MAG(15:0)	MAG	Ester
C R	id_ 195	- 0.007 92	- 0.04 191	0.01 3098	0. 51 2	- 0.12 607	- 0.3 054	0.02 806 1	0. 0 3	- 0.1 339	- 0.33 015	0.02 463 9	0. 12 4	0.0590 98	- 0.309 29	0.488 169	0.54 8	MAG(18:2)	MAG	Ester

							7			8										
C	id_	-	-	0.		-	0.0	0.07	0.	0.0	-	0.07	0.	-	-	1.245		MAG(		
R	203	0.002	0.01	0.00	64	0.01	750	736	8	087	0.08	833	74	0.2922	1.271	755	0.83	20:5)	MAG	Ester
		57	684	4765	4	1356	6	5	2	87	293	5	2	8	82					
C	id_	-	-			-	-	0.02	0.	-	-	0.02	0.		-	0.706		MAG(		
R	204	0.001	0.01	0.00	0.	0.05	699	206	0	595	0.17	660	22	0.0185	0.644	384	0.80	22:0)	MAG	Ester
		11	58	9274	93	846	3	4	4	6	833	3	8	62	94		6			
C	id_	-	-	0.		-	-	0.04	0.	-	-	0.04	0.		-	0.629		MAG(		
R	205	0.001	0.01	0.00	86	0.03	482	389	9	361	0.15	495	51	0.0318	0.821	296	0.65	22:1)	MAG	Ester
		15	519	7797	8	504	7	6	6	9	646	7	4	88	75					
C	id_	-	-			-	-	0.02	0.	-	-	0.02			-	0.401		MAG(		
R	208	0.000	0.01	0.00	0.	0.06	740	358	1	624	0.18	695	0.	0.0142	0.596	353	0.76	22:5)	MAG	Ester
		89	663	7772	89	157	4	1	4	7	881	5	19	96	85		8			
C	id_	-	-	0.		-	-	0.05	0.	-	-	0.04			-	1.210		MAG(		
R	209	0.004	0.02	0.00	46	0.03	402	0.05	1	365	0.14	689	0.	0.1150	0.677	418	0.64	22:6)	MAG	Ester
		21	098	5486	6	235	2	011	8	6	629	5	48	91	1		2			
C	id_		-	0.		-	-	0.02	0.	-	-	-	0.	-	-	0.082		PC(1		
R	228	0.003	0.00	0.01	62	0.11	286	0.02	1	083	0.23	0.01	02	0.0302	0.381	105	0.64	5:0/1	Phosphati	PC
		279	824	9328	2	164	1	256	2	6	155	766	4	6	61		2	8:2)	dylcholine	Ester
C	id_	-	-	0.		-	-	0.06	0.	-	-	0.06	0.		-	0.693		PC(1		
R	230	0.001	0.01	0.01	91	0.06	019	586	4	668	0.20	603	35	0.0269	0.355	543	0.83	5:0/2	Phosphati	PC
		8	961	3492	4	503	8	8	8	3	546	2	6	96	12		8	0:4)	dylcholine	Ester
C	id_		-	0.		-	-	0.01	0.	-	-	0.02	0.	-	-	2.076		PC(1		
R	241	0.004	0.00	0.02	47	0.05	544	494	1	539	0.15	495	19	0.0895	2.370	826	0.64	6:0/1	Phosphati	PC
		836	672	6657	4	882	9	6	2	9	438	3	8	7	49			8:2)	dylcholine	Ester

C R	id_ 254	0.000 42	- 0.01 338	0.01 5265	0. 87 8	- 0.05 603	- 0.1 823 7	0.03 546 3	0. 3 8	- 0.0 556 1	- 0.19 011	0.03 899 7	0. 34 4	- 0.0075 5	- 1.067 78	1.002 584	0.93	PC(1 7:0/1 8:2)	Phosphati dylcholine	PC Ester
C R	id_ 257	- 0.000 92	- 0.01 671	0.01 0721	0. 93 6	- 0.12 837	- 0.2 478 1	- 0.03 532	0. 0 2	- 0.1 292 9	- 0.26 122	- 0.03 261	0. 00 2	0.0071 19	- 0.144 49	0.102 098	0.93 8	PC(1 7:0/2 0:4)	Phosphati dylcholine	PC Ester
C R	id_ 272	- 0.001 98	- 0.01 558	0.00 74	0. 71 2	- 0.12 649	- 0.2 219 8	- 0.04 543	0. 0 2	- 0.1 284 7	- 0.22 896	- 0.04 684	0. 00 2	0.0154 18	- 0.087 04	0.110 554	0.71 4	PC(1 8:0/2 0:4)	Phosphati dylcholine	PC Ester
C R	id_ 279	0.004 799	- 0.00 763	0.02 4821	0. 45 4	- 0.05 89	- 0.1 771 9	0.03 165 9	0. 2 6	- 0.0 541	- 0.17 939	0.04 065 1	0. 29 6	-0.0887	- 1.596 82	1.624 849	0.68 2	PC(1 8:1/1 8:2)	Phosphati dylcholine	PC Ester
C R	id_ 283	0.002 894	- 0.01 244	0.02 7191	0. 67 4	- 0.25 448	- 0.3 978 7	- 0.13 729	- 0.2 515 9	- 0.40 472	- 0.12 682	- 0.0	-0.0115	- 0.152 37	0.045 904	0.67 4	PC(1 8:1/2 0:3)	Phosphati dylcholine	PC Ester	
C R	id_ 284	0.002 771	- 0.00 68	0.01 7976	0. 55 4	- 0.13 956	- 0.2 373 3	- 0.04 639	- 0.1 367 9	- 0.23 647	- 0.04 314	0. 00 4	0.0202 6	- 0.232 84	0.048 043	0.55 8	PC(1 8:1/2 0:4)	Phosphati dylcholine	PC Ester	
C R	id_ 289	0.009 589	- 0.00 816	0.03 8462	0. 31 8	- 0.14 74	- 0.2 524 1	- 0.05 613	- 0.1 378 1	- 0.24 873	- 0.04 027	0. 00 2	0.0695 8	- 0.649 99	0.065 127	0.32	PC(1 8:2/1 6:1)	Phosphati dylcholine	PC Ester	
C R	id_ 354	- 0.001 12	- 0.01 959	0.01 3383	0. 93 2	- 0.03 208	- 0.1 845 7	0.10 951 1	0. 6 4 4	- 0.0 332	- 0.19 113	0.11 487 5	0. 65 8	0.0337 62	- 0.647 5	0.646 227	0.75 8	PE(1 8:1/2 2:0)	Phosphati dylethanol amine	PE Ester
C	id_	0.002	-	0.01	0.	-	-	-	0.	-	-	-	0.	-	-	0.064	0.76	PE(P-	Phosphati	PE

R	386	05	0.01 114	5852	75	0.12 907	0.2 266 9	0.03 772	0 0 8	0.1 270 2	0.23 318	0.03 342	01	0.0161 4	0.219 61	955		16:0/ 18:1)	dylethanol amine	Plasma logen
C R	id_ 398	- 0.004 08	- 0.02 13	0.00 7606	0. 61 2	- 0.11 668	- 0.2 595 2	- 0.01 006	0. 0 3	0.1 207 6	- 0.27 203	- 0.00 897	0. 02 8	0.0338 01	- 0.110 7	0.184 16	0.60 8	PE(P- 18:0/ 16:0)	Phosphati dylethanol amine	PE Plasma logen
C R	id_ 405	- 0.005 35	- 0.02 725	0.00 6852	0. 51 4	- 0.20 604	- 0.3 51	- 0.09 601	0 0	0.2 113 9	- 0.36 266	- 0.09 695	0	0.0252 94	- 0.039 14	0.117 688	0.51 4	PE(P- 18:0/ 20:3)	Phosphati dylethanol amine	PE Plasma logen
C R	id_ 414	- 0.002 937	- 0.00 772	0.01 6488	0. 64 6	- 0.07	0.1 779 7	0.02 654 4	0. 1 2	0.0 670 7	- 0.17 72	- 0.03 212	0. 22 6	- 0.0437 9	- 0.972 34	0.919 189	0.74 4	PE(P- 18:1/ 18:1)	Phosphati dylethanol amine	PE Plasma logen
C R	id_ 448	- 0.002 767	- 0.01 045	0.02 2253	0. 66 2	- 0.14 205	0.2 584 7	- 0.04 396	0. 0 2	0.1 392 8	- 0.26 185	- 0.03 6	0. 00 6	- 0.0198 6	- 0.383 01	0.067 14	0.66 8	SM(1 4:0)	Sphingolipi ds	Sphing omyeli n
C R	id_ 449	- 0.001 05	- 0.01 293	0.00 8244	0. 92 8	- 0.05 984	0.1 445 1	0.00 526 3	0. 0 6	0.0 608 9	- 0.15 313	0.00 801 8	0. 0. 11	0.0173 1	- 0.451 8	0.309 907	0.86 2	SM(1 6:0)	Sphingolipi ds	Sphing omyeli n
C R	id_ 450	- 0.002 34	- 0.01 666	0.00 5838	0. 69 6	- 0.11 047	0.2 028 1	- 0.03 38	0 0	0.1 128	0.20 89	- 0.03 379	0	0.0207 05	- 0.084 77	0.114 378	0.69 6	SM(1 8:0)	Sphingolipi ds	Sphing omyeli n
C R	id_ 451	- 0.000 884	- 0.00 984	0.01 1173	0. 84 6	- 0.14 177	0.2 252 6	- 0.06 896	0 0	0.1 408 8	- 0.22 917	- 0.06 6	0	- 0.0062 8	- 0.114 44	0.054 596	0.84 6	SM(1 8:1)	Sphingolipi ds	Sphing omyeli n
C R	id_ 452	- 0.000	- 0.01	0.02 4029	0. 98	- 0.11	- 0.2	0.00 022	0. 0	- 0.1	- 0.26	0.00 925	0. 07	0.0076 68	- 0.589	0.270 944	0.94	SM(2 0:0)	Sphingolipi ds	Sphing omyeli

		88	945		2	444	496 9	2	5 2	153 2	175	8			2					n
C R	id_ 453	0.003 22	- 0.00 614	0.01 8163	0. 57 6	- 0.09 966	0.1 846 7	- 0.02 736	0. 0 6	0.0 964 4	- 0.18 455	- 0.02 256	0. 01 2	- 0.0333 9	- 0.413 42	0.060 796	0.58 8	SM(2 0:1)	Sphingolipi ds	Sphing omyeli n
C R	id_ 454	- 0.005 39	- 0.02 967	0.00 9743	0. 57	- 0.13 037	0.2 622 2	- 0.03 042	0. 0 2	0.1 357 6	- 0.28 089	- 0.03 175	0. 00 2	0.0396 68	- 0.131 97	0.168 611	0.56 8	SM(2 2:0)	Sphingolipi ds	Sphing omyeli n
C R	id_ 455	0.001 914	- 0.00 96	0.01 6559	0. 71 8	- 0.09 751	0.1 933 3	- 0.02 782	0. 0 8	0.0 955 9	- 0.19 854	- 0.02 274	0. 01 2	- 0.0200 2	- 0.403 55	0.080 737	0.72 6	SM(2 2:1)	Sphingolipi ds	Sphing omyeli n
C R	id_ 456	- 0.005 25	- 0.02 309	0.00 7146	0. 38 4	- 0.09 066	0.1 885 2	- 0.01 268	0. 0 2	0.0 959 1	- 0.19 612	- 0.01 302	0. 00 8	0.0547 27	- 0.119 63	0.238 594	0.38 8	SM(2 4:0)	Sphingolipi ds	Sphing omyeli n
C R	id_ 457	0.000 582	- 0.00 81	0.01 0752	0. 89 8	- 0.03 799	0.1 237 9	0.03 031 8	0. 2 9	- 0.0 374	- 0.12 948	0.03 500 4	0. 33 6	- 0.0155 6	- 0.962 75	1.007 623	0.91 4	SM(2 4:1)	Sphingolipi ds	Sphing omyeli n
C R	id_ 458	- 0.000 84	- 0.01 568	0.01 2411	0. 98 4	- 0.05 013	0.1 721 2	0.03 098 8	0. 3 2	0.0 509 8	- 0.18 092	0.03 619 8	0. 35	0.0165 54	- 0.901 78	0.991 412	0.79	SM(2 6:0)	Sphingolipi ds	Sphing omyeli n
C R	id_ 459	0.000 475	- 0.00 989	0.01 1446	0. 87 2	- 0.03 066	0.1 283 4	0.04 095 7	0. 5 8	0.0 301 9	- 0.13 033	0.04 443 8	0. 56 6	- 0.0157 2	- 0.996 97	1.481 112	0.82 6	SM(2 6:1)	Sphingolipi ds	Sphing omyeli n
C R	id_ 660	- 0.007 39	- 0.02 913	0.00 599	0. 36 8	- 0.11 872	- 0.2 136	- 0.05 576	- 0	- 0.1 261	- 0.22 873	- 0.05 769	0	0.0586 17	- 0.062 21	0.160 45	0.36 8	TAG5 1:3- FA16	Triacylglyc erol	TAG Ester

							3			1								:0		
C	id_	-	-		0.	-	-	-		-	-	-			-			TAG5		
R	663	0.012	0.04	0.00	30	0.17	0.3	0.08	0	0.1	0.34	0.08	0	0.0687	0.075	0.206	0.30	1:3-	Triacylglyc	TAG
		75	676	9943	8	275	178	189	0	855	217	483	0	27	34	447	8	FA18	erol	Ester
C	id_	-	-		0.	-	0.2	-		0.1	-	-			-			TAG5		
R	667	0.008	0.03	0.00	31	0.13	329	0.06	0	393	0.24	0.06	0	0.0613	0.076	0.159	0.31	1:4-	Triacylglyc	TAG
		55	048	858	8	085	3	242	0	9	897	416	0	06	25	528	8	FA16	erol	Ester
C	id_	-	-		0.	-	0.1	0.00	0.	0.0	-	0.00	0.		-			TAG5		
R	755	0.003	0.01	0.00	34	0.03	094	204	1	395	0.11	179	08	0.0918	0.289	0.644	0.37	3:3-	Triacylglyc	TAG
		63	75	3807	2	592	5	1	1	6	772	1	4	82	14	99	4	FA18	erol	Ester
C	id_	-	-		0.	-	0.1	-	0.	0.0	-	-	0.		-			TAG5		
R	760	0.003	0.01	0.00	27	0.04	168	0.00	0	452	0.12	0.00	00	0.0868	0.102	0.288	0.27	3:4-	Triacylglyc	TAG
		93	959	2797	4	131	6	326	8	4	54	374	4	22	06	494	8	FA18	erol	Ester
C	id_	-	-		0.	-	0.1	-		0.0	-	-			-			TAG5		
R	761	0.005	0.02	0.00	34	0.06	522	0.01	0	753	0.17	0.02	0	0.0758	0.099	0.212	0.34	3:4-	Triacylglyc	TAG
		72	364	5615	2	96	8	882	0	2	184	085	0	98	24	559	2	FA18	erol	Ester
C	id_	-	-		0.	-	0.1	-	0.	0.0	-	-	0.		-			TAG5		
R	765	0.004	0.01	0.00	35	0.04	179	0.00	0	470	0.12	0.00	00	0.0870	0.113	0.287	0.35	3:5-	Triacylglyc	TAG
		1	79	4314	4	297	4	346	1	6	358	453	8	36	24	008	4	FA18	erol	Ester
C	id_	-	-		0.	-	0.1	-	0.	0.0	-	-	0.		-			TAG5		
R	766	0.005	0.02	0.00	36	0.06	602	0.01	0	740	0.17	0.01	00	0.0767	0.093	0.210	0.36	3:5-	Triacylglyc	TAG
		68	325	5093	4	837	4	58	2	5	08	685	2	05	66	977	2	FA18	erol	Ester
C	id_	-	-		0.	-	0.1	0.00	1	0.0	-	0.00	0.		-			TAG5		
R	769	0.003	0.01	0.00	33	0.03	153	366	4	398	0.12	263	12	0.0988	0.637	0.822	0.4	3:6-	Triacylglyc	TAG
		94	955	4155	8	592	8	5	4	6	227	5	2	85	56	438		FA18	erol	Ester

C	id_	-	-	0.	-	0.1	-	0.	-	-	-	0.	-	-	-	-	TAG5		
R	770	0.007	0.02	0.00	35	0.07	0.1	0	0.0	0.18	0.01	00	0.0909	0.127	0.270	0.35	3:6-FA18:2	Triacylglycerol	TAG Ester
C	id_	-	-	0.	-	0.1	-	0.	-	-	-	0.	-	-	-	-	TAG5		
R	771	0.004	0.02	0.00	34	0.05	0.1	0	0.0	0.14	0.00	00	0.0842	0.105	0.253	0.35	3:6-FA18:3	Triacylglycerol	TAG Ester
C	id_	-	-	0.	-	0.1	-	0.	-	-	-	0.	-	-	-	-	TAG5		
R	773	0.005	0.02	0.00	33	0.05	0.1	0	0.0	0.15	0.00	02	0.0857	0.140	0.356	0.34	3:7-FA18:3	Triacylglycerol	TAG Ester
C	id_	-	-	0.	-	0.1	-	0.	-	-	-	0.	-	-	-	-	TAG5		
R	856	0.005	0.02	0.00	31	0.05	0.1	0	0.0	0.14	0.00	01	0.0889	0.133	0.373	0.32	5:6-FA18:1	Triacylglycerol	TAG Ester
C	id_	-	-	0.	-	0.1	-	0.	-	-	0.00	0.	-	-	-	-	TAG5		
R	857	0.003	0.01	0.00	38	0.03	0.1	0	0.0	0.12	0.00	09	0.0803	0.185	0.250	0.40	5:6-FA20:3	Triacylglycerol	TAG Ester
C	id_	-	-	0.	-	0.1	-	-	-	-	-	-	-	-	-	-	TAG5		
R	860	0.008	0.03	0.00	30	0.08	0.1	0	0.0	0.19	0.03	0	0.0857	0.106	0.247	0.30	5:7-FA18:1	Triacylglycerol	TAG Ester
C	id_	-	-	0.	-	0.1	-	0.	-	-	-	-	-	-	-	-	TAG5		
R	861	0.003	0.01	0.00	49	0.04	0.1	0	0.0	0.12	0.00	0.	0.0663	0.112	0.201	0.49	5:7-FA20:3	Triacylglycerol	TAG Ester
C	id_	-	-	0.	-	0.1	-	0.	-	-	-	0.	-	-	-	-	TAG5		
R	862	0.003	0.01	0.00	32	0.04	0.1	0	0.0	0.12	0.00	03	0.0842	0.119	0.300	0.33	5:7-FA20:4	Triacylglycerol	TAG Ester
C	id_	-	-	0.	-	-	-	0.	-	-	-	0.	0.0856	-	0.250	0.28	TAG5	Triacylglycerol	TAG

R	864	0.00456	0.01866	3529	284	0.04874	0.12384	0.00684	0006	0.0533	0.13829	0.00688	004	24	0.10404	228	4	5:8-FA20:4	erol	Ester
C	id_939	-0.00361	-0.0169	0.003633	0.354	-0.03517	0.10615	0.00677	0.24	0.03878	-0.11356	0.005954	0.224	0.09298	-0.43944	0.715408	0.474	TAG57:9-FA22:6	Triacylglycerol	TAG Ester
C	id_978	-0.0039	-0.02024	0.005926	0.53	-0.10923	0.20491	-0.03021	0.0	0.11313	-0.21715	-0.03317	0.002	0.034475	-0.07462	0.157667	0.532	Total CE	Neutral Complex Lipids SUM	Cholesteryl Esters
C	id_987	-0.002535	-0.00707	0.019453	0.656	-0.0896	0.16944	-0.02065	0.0	0.08706	-0.17266	-0.01546	0.016	0.02912	-0.47713	0.088223	0.672	Total PC	Phospholipid SUM	Phosphatidylcholines
C	id_990	-0.00115	-0.01416	0.008409	0.93	-0.07978	0.17289	-0.01339	0.018	0.08093	-0.18513	-0.00955	0.024	0.014236	-0.30622	0.118515	0.914	Total SM	Sphingolipid SUM	Sphingomyelins
C	id_039	-0.00864	-0.02977	0.009482	0.33	-0.10602	0.22734	-0.00934	0.0	0.11466	-0.24129	-0.01189	0.024	0.075342	-0.12395	0.303662	0.334	CE(22:1)	Cholesterol Ester	CE Ester
C	id_060	-0.01241	-0.07246	0.038237	0.616	-0.30281	1.20875	0.576353	0.5	0.31522	-1.21229	0.580206	0.558	0.039359	-0.6272	0.726731	0.782	DAG(12:0/18:1)	Diacylglycerol	DAG Ester
C	id_071	-0.01218	-0.04066	0.011884	0.348	-0.1939	0.49514	0.101336	0.22	0.20608	-0.2282	0.097673	0.204	0.059097	-0.43084	0.515893	0.46	DAG(14:1/16:0)	Diacylglycerol	DAG Ester
C	id_072	-0.014	-0.05	0.01365	0.29	-0.11	-0.2	0.03198	0.1	-0.1	-0.31	0.0281	0.10	0.109416	-0.365	0.916503	0.354	DAG(14:1/	Diacylglycerol	DAG Ester

		54	334			834	798 7	7	4 8	328 8	582		4		52			18:1)		
C R	id_ 160	- 0.009 14	- 0.03 469	0.00 9318	0. 36 2	0.02 6507	- 0.1 077 5	0.13 836 8	0. 6 4 2	0.0 173 65	- 0.12 941	0.13 152 7	0. 75 2	- 0.5264 6	- 1.396 43	3.460 746	0.89 8	LPC(18:2)	Lysophosp hatidylchol ine	LPC Ester
C R	id_ 196	- 0.004 56	- 0.02 284	0.00 4771	0. 42 4	- 0.07 555	- 0.1 693 8	0.00 511 6	0. 0 7	0.0 801 2	- 0.17 884	0.00 402 4	0. 06 8	- 0.0569 44	- 0.115 14	0.295 164	0.42	MAG(18:3)	MAG	Ester
C R	id_ 199	- 0.000 4	- 0.00 918	0.01 0243	0. 94 6	- 0.02 582	- 0.1 168 9	0.05 033 9	0. 5 6	0.0 262 2	- 0.12 296	0.05 211 6	0. 57 2	- 0.0151 35	- 1.306 29	1.092 517	0.80 2	MAG(20:1)	MAG	Ester
C R	id_ 200	- 0.002 06	- 0.01 488	0.00 7101	0. 70 8	- 0.06 477	- 0.1 826 1	0.04 300 2	0. 2 4	0.0 668 4	- 0.19 245	0.04 863 9	0. 0. 22	- 0.0308 5	- 0.310 61	0.369 798	0.63 6	MAG(20:2)	MAG	Ester
C R	id_ 201	- 0.005 01	- 0.02 257	0.00 5855	0. 43 6	- 0.02 967	- 0.1 302	0.05 597	0. 5 2	0.0 346 7	- 0.14 128	0.05 481 1	0. 51 2	- 0.1444 32	- 0.885 75	1.134 813	0.65 6	MAG(20:3)	MAG	Ester
C R	id_ 251	- 0.002 49	- 0.01 786	0.00 9995	0. 73 6	- 0.00 712	- 0.1 253 5	0.11 009 2	0. 9 8	0.0 096 2	- 0.12 482	0.10 648 8	0. 0. 92	- 0.2590 4	- 1.049 73	1.579 492	0.88 4	PC(1 6:0/2 2:6)	Phosphati dylcholine	PC Ester
C R	id_ 288	- 0.001 1	- 0.01 639	0.00 9841	0. 83 6	- 0.06 701	- 0.1 907 6	0.03 605 8	0. 2 2	0.0 681 1	- 0.19 48	0.03 582 3	0. 0. 25	- 0.0161 85	- 0.529 21	0.366 538	0.81 8	PC(1 8:1/2 2:6)	Phosphati dylcholine	PC Ester
C R	id_ 293	- 0.008 783	- 0.00 9	0.04 0475	0. 40 2	- 0.07 684	- 0.1 897	0.03 844 9	0. 1 9	- 0.0 680	- 0.18 882	0.04 634 6	0. 26 8	- 0.1290 6	-2.524	2.066 951	0.62 2	PC(1 8:2/2 0:2)	Phosphati dylcholine	PC Ester

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C R	id_ 298	- 0.001 09	- 0.01 513	0.01 2175	0.91 4	- 0.05 163	- 0.1 827	0.05 577	0.3 8	- 0.0 527	- 0.18 921	0.05 669	0.4	0.0207 49	- 0.771 62	0.643 821	0.83	PC(1 8:2/2 2:5)	Phosphati dylcholine	PC Ester
C R	id_ 332	- 0.002 26	- 0.02 034	0.01 337	0.78 2	- 0.06 521	- 0.1 970	0.04 441	0.2 5	- 0.0 674	- 0.20 144	0.04 582	0.26 2	0.0335 03	- 0.701 69	0.609 301	0.70 4	PE(1 8:0/1 8:0)	Phosphati dylethanol amine	PE Ester
C R	id_ 359	- 0.001 68	- 0.02 168	0.01 3847	0.84 2	- 0.15 866	- 0.3 100	- 0.01 578	0.0 3	- 0.1 603	- 0.31 835	- 0.01 453	0.03 2	0.0104 77	- 0.184 01	0.147 285	0.83 8	PE(1 8:2/1 6:1)	Phosphati dylethanol amine	PE Ester
C R	id_ 366	- 0.001 13	- 0.01 272	0.00 8791	0.81 8	- 0.11 075	- 0.2 256	0.00 629	0.7 2	- 0.1 118	- 0.23 007	0.00 677	0.06 8	0.0101 09	- 0.153 75	0.193 675	0.82 6	PE(O - 16:0/ 18:2)	Phosphati dylethanol amine	PE Ether
C R	id_ 368	- 0.006 66	- 0.02 679	0.00 9012	0.45 6	- 0.14 553	- 0.2 890	- 0.00 583	0.0 4	- 0.1 521	- 0.29 797	- 0.01 155	0.03 6	0.0437 8	- 0.112 52	0.306 142	0.47 2	PE(O - 16:0/ 20:4)	Phosphati dylethanol amine	PE Ether
C R	id_ 372	- 0.004 19	- 0.02 364	0.00 7999	0.58 6	- 0.02 176	- 0.1 550	0.09 055	0.7 5	- 0.0 259	- 0.16 266	0.08 916	0.71 8	0.1614 87	- 1.124 31	1.046 356	0.79 6	PE(O - 16:0/ 22:6)	Phosphati dylethanol amine	PE Ether
C R	id_ 378	- 0.004 64	- 0.02 42	0.00 607	0.54 2	- 0.16 906	- 0.2 919	- 0.06 082	0.0 2	- 0.1 737	- 0.30 628	- 0.06 227	0.00 2	0.0266 97	- 0.046 5	0.129 775	0.54	PE(O - 18:0/ 20:4)	Phosphati dylethanol amine	PE Ether
C R	id_ 381	- 0.005 48	- 0.02 246	0.00 6171	0.45 8	- 0.18 195	- 0.2 933	- 0.08 618	0.0 0	- 0.1 874	- 0.30 703	- 0.08 883	0.0 0	0.0292 19	- 0.038 63	0.108 809	0.45 8	PE(O - 18:0/ 22:5)	Phosphati dylethanol amine	PE Ether

C	id_	-	-		0.	-	-	0.05	0.	-	0.05	0.		-			PE(O	Phosphati		
R	382	0.00099	0.01771	0.01286	946	0.0554	8742	6697	342	0.05639	0.1891	9371	336	0.017614	0.56138	0.840721	0.826	18:0/22:6)	dylethanolamine	PE Ether
C	id_	-	-		0.	-	-	0.2	-	0.	-	-	0.		-		PE(P-	Phosphati	PE	
R	387	0.00135	0.01863	0.01056	864	0.13784	7032	0.01406	016	0.13919	0.27481	0.01611	016	0.009678	0.15165	0.21131	0.856	16:0/18:2)	dylethanolamine	Plasma logen
C	id_	-	-		0.	-	-	0.2	-	0.	-	-	0.		-		PE(P-	Phosphati	PE	
R	392	0.00611	0.02486	0.008363	446	0.17328	9919	0.05675	002	0.17938	0.3067	0.06282	002	0.034035	0.05399	0.169113	0.444	16:0/20:4)	dylethanolamine	Plasma logen
C	id_	-	-		0.	-	-	0.2	-	0.1	-	-	-		-		PE(P-	Phosphati	PE	
R	395	0.0046	0.02475	0.008753	552	0.17481	8351	0.079	0	0.17941	0.29126	0.08157	0	0.025624	0.0553	0.123634	0.552	16:0/22:5)	dylethanolamine	Plasma logen
C	id_	-	-		0.	-	-	0.1	0.04	0.	-	0.04	0.		-		PE(P-	Phosphati	PE	
R	396	0.00208	0.018	0.010685	764	0.06287	7787	0.041952	028	0.06495	0.18469	0.041712	028	0.032054	0.55941	0.68318	0.75	16:0/22:6)	dylethanolamine	Plasma logen
C	id_	-	-		0.	-	-	0.2	-	0.	-	-	0.		-		PE(P-	Phosphati	PE	
R	401	0.00057	0.01405	0.009236	928	0.10595	2255	0.00733	042	0.10652	0.2318	0.00706	046	0.005332	0.19429	0.144985	0.91	18:0/18:1)	dylethanolamine	Plasma logen
C	id_	4.52E-05	-	0.013728	0.	-	-	0.2	-	0.	-	-	0.		-		PE(P-	Phosphati	PE	
R	402		0.0145	0.013728	968	0.12402	4487	0.00799	042	0.12397	0.24692	0.00206	046	0.00036	0.21626	0.148261	0.99	18:0/18:2)	dylethanolamine	Plasma logen
C	id_	-	-		0.	-	-	0.2	-	0.	-	-	0.		-		PE(P-	Phosphati	PE	
R	406	0.00676	0.02693	0.007865	364	0.15994	7193	0.03931	012	0.1667	0.28254	0.04195	006	0.040565	0.06203	0.191787	0.366	18:0/20:4)	dylethanolamine	Plasma logen
C	id_	-	-	0.00	0.	-	-	-	0	-	-	-	0	0.0241	-	0.100	0.52	PE(P-	Phosphati	PE

R	409	0.004 91	0.02 375	6815	52	0.19 851	0.3 029 6	0.09 955		0.2 034 2	0.31 588	0.10 474		18	0.039 64	911		18:0/ 22:5)	dylethanol amine	Plasma logen
C R	id_ 410	- 0.005 99	- 0.02 634	0.00 6001	0. 36	- 0.05 064	- 0.1 612	0.05 623 5	0. 3 9	0.0 566 4	- 0.16 704	0.05 232 9	0. 35 4	0.1058 31	- 0.859 51	1.067 047	0.56 2	PE(P- 18:0/ 22:6)	Phosphati dylethanol amine	PE Plasma logen
C R	id_ 411	- 0.001 065	- 0.00 854	0.01 2072	0. 78 4	- 0.03 696	0.1 317 6	0.05 835	0. 4 7 2	- 0.0 359	- 0.13 363	0.06 150 8	0. 49 8	- 0.0296 7	- 0.981 86	0.754 484	0.93 4	PE(P- 18:1/ 16:0)	Phosphati dylethanol amine	PE Plasma logen
C R	id_ 415	- 0.000 13	- 0.01 233	0.01 402	0. 95	- 0.13 477	- 0.2 680 6	- 0.00 964	0. 0 3 2	- 0.1 349	- 0.26 843	- 0.00 961	0. 03	0.0009 59	- 0.212 45	0.143 98	0.93 6	PE(P- 18:1/ 18:2)	Phosphati dylethanol amine	PE Plasma logen
C R	id_ 419	- 0.006 69	- 0.02 71	0.00 7486	0. 44 4	- 0.18 179	0.3 008 8	- 0.07 391	0. 0 2	- 0.1 884 8	- 0.31 058	- 0.07 839	0.	0.0354 87	-0.05	0.143 546	0.44 4	PE(P- 18:1/ 20:4)	Phosphati dylethanol amine	PE Plasma logen
C R	id_ 421	- 0.003 33	- 0.02 002	0.01 0411	0. 67 4	- 0.21 193	0.3 277 2	- 0.11 362	0. 0 0	- 0.2 152 6	- 0.33 046	- 0.11 405	0.	0.0154 73	- 0.053 38	0.075 874	0.67 4	PE(P- 18:1/ 22:4)	Phosphati dylethanol amine	PE Plasma logen
C R	id_ 422	- 0.002 5	- 0.01 611	0.00 9536	0. 72 8	- 0.16 793	0.2 704 7	- 0.06 992	0. 0 2	0.1 704 3	- 0.27 525	- 0.07 236	0. 00 2	0.0146 74	- 0.073 81	0.090 729	0.72 6	PE(P- 18:1/ 22:5)	Phosphati dylethanol amine	PE Plasma logen
C R	id_ 423	- 0.002 24	- 0.01 822	0.00 8075	0. 73	- 0.04 881	0.1 612 2	0.04 962	0. 3 5	0.0 510 5	- 0.16 711	0.04 734 3	0. 34 8	0.0439 11	- 0.430 29	0.533 664	0.71 4	PE(P- 18:1/ 22:6)	Phosphati dylethanol amine	PE Plasma logen
C R	id_ 424	2.49E -05	- 0.01	0.01 4419	0. 91	- 0.06 0.1	- 0.04 453	0.04 453	0. 2	- 0.0	- 0.18	0.04 654	0. 25	- 0.0003	- 0.705	0.604 558	0.98	PE(P- 18:2/	Phosphati dylethanol	PE Plasma

			184		4	719	837		4	671	367	6		7	11			18:2)	amine	logen
C	id_	-	-	0.00	0.	-	0.2	-	0.	-	-	-	0.		-			PE(P-	Phosphati	PE
R	425	0.005	0.02	0.00	46	0.11	398	0.00	4	0.1	0.24	0.00	04	0.0446	0.115	0.322	0.47	18:2/	dylethanol	Plasma
		31	478	7724	8	369	6	22	4	19	909	693	4	37	02	215	6	20:4)	amine	logen
A	id_	0.008	-	0.03	0.	-	0.1	-	0.	0.0	-	0.05	0.	-	-					
L	023	0.008	0.00	0.03	27	0.04	511	0.05	2	401	0.13	704	39	0.2119	2.422	1.380	0.52	CE(1	Cholestero	CE
		518	599	0688	8	87	5	016	6	8	682	6	8	8	67	51	4	5:0)	l Ester	Ester
A	id_	0.008	-	0.02	0.	-	0.0	0.06	0.	0.0	-	0.07	0.	-	-					
L	024	0.008	0.00	0.02	18	0.00	812	0.06	8	003	0.07	336	97	25.551	2.781	4.365	0.97	CE(1	Cholestero	CE
		711	357	7103	6	905	1	4	4	4	377	7	2	5	84	129	4	6:0)	l Ester	Ester
A	id_	0.015	-	0.04	0.	-	0.1	0.02	0.	0.0	-	0.03		-	-					
L	026	0.015	0.00	0.04	08	0.07	675	0.02	1	565	0.15	772	0.	0.2705	2.749	2.122	0.30	CE(1	Cholestero	CE
		302	09	1803	8	186	6	3	2	6	136	4	23	3	73	737	6	7:0)	l Ester	Ester
A	id_	0.019	-	0.04	0.	-	0.1	0.02	0.	0.0	-	0.04	0.	-	-					
L	027	0.019	0.00	0.04	07	0.05	380	0.02	1	388	0.12	933	38	0.4908	5.391	3.808	0.44	CE(1	Cholestero	CE
		061	184	7331	6	789	3	6	6	3	531	3	6	4	05	979	2	8:0)	l Ester	Ester
A	id_	0.007	-	0.02	0.	-	0.0	0.06	0.	0.0	-	0.07	0.	-	-					
L	028	0.007	0.00	0.02	21	0.00	819	0.06	8	002	0.07	734	98	33.694	3.566	3.359		CE(1	Cholestero	CE
		481	309	5568	8	77	7	2	4	2	427	4	4	2	88	291	0.97	8:1)	l Ester	Ester
A	id_	0.008	-	0.02	0.	-	0.0	0.05	0.	0.0	-	0.06	0.	-	-					
L	029	0.008	0.00	0.02	15	0.01	766	0.05	7	028	0.06	173	93	3.0662	4.472	4.391	0.94	CE(1	Cholestero	CE
		642	214	63	8	146	4	4	4	2	768	2	6	9	72	339	6	8:2)	l Ester	Ester
A	id_	0.010	-	0.03	0.	-	-	0.01	0.	-	-	0.02	0.	-	-					
L	033	0.010	0.00	0.03	0.	0.09	0.2	571	0	0.0	0.21	473	15	0.1249	1.273	1.186	0.29	CE(2	Cholestero	CE
		354	289	2041	16	321	235	3	9	828	107	5	2	5	32	963	2	0:1)	l Ester	Ester

							9		8	6										
A	id_		-		0.	-	0.1	0.05	0.	-		0.06	0.	-	-					
L	034	0.002	0.01	0.02	76	0.03	247	919	3	327	0.12	152	46	0.0741	1.626	1.588	0.93	CE(2	Cholestero	CE
		427	634	0811	6	515	8	7	8	2	202	7	8	8	94	827	8	0:2)	l Ester	Ester
A	id_		-		0.	-	-	0.07	0.	-		0.08		-	-					
L	035	0.011	0.00	0.03	27	0.03	0.1	597	2	265	0.14	475	0.	0.4367	4.651	3.129	0.81	CE(2	Cholestero	CE
		607	809	6339	6	819	457	9	8	8	088	1	65	2	62	304	4	0:3)	l Ester	Ester
A	id_		0.00		0.	-	0.1	0.09	0.	0.0		0.11	0.		-					
L	036	0.023	0.082	0.05	04	0.01	337	153	9	041	0.10	910	95	5.6249	9.629	8.695	0.94	CE(2	Cholestero	CE
		525	6	8261	2	934	2	4	4	82	954	5	8	28	27	967	8	0:4)	l Ester	Ester
A	id_		-		0.	-	0.1	0.09	0.	0.0		0.11	0.	-	-					
L	041	0.015	0.00	0.04	12	0.02	281	122	2	048	0.11	131	96	3.0963	3.940	5.376	0.99	CE(2	Cholestero	CE
		15	341	155	8	004	7	7	4	9	119	2	2	5	45	885	4	2:4)	l Ester	Ester
A	id_		-		0.		0.0		0.	0.0		0.11			-					
L	042	0.019	0.00	0.04	08	0.00	914	0.09	9	214	0.07	987	0.	0.9030	4.430	5.194		CE(2	Cholestero	CE
		393	168	7729	2	2083	4	799	8	76	688	8	67	21	23	994	0.66	2:5)	l Ester	Ester
A	id_		-				0.1	0.15	0.	0.0		0.17	0.		-					
L	043	0.022	0.00	0.05	0.	0.01	049	770	4	420	0.08	898	51	0.5332	5.394	3.770		CE(2	Cholestero	CE
		42	139	7909	07	9626	4	7	8	46	694	6	4	32	02	681	0.54	2:6)	l Ester	Ester
A	id_		-			-	0.3	0.06	0.	0.0		0.08	0.		-					
L	044	0.016	0.00	0.04	0.	0.10	143	435	8	888	0.29	099	41	0.1890	2.060	2.858	0.51	CE(2	Cholestero	CE
		808	37	9447	13	57	5	5	4	9	366	3	6	9	68	568	4	4:0)	l Ester	Ester
A	id_		-		0.	-	0.1	0.03	0.	0.0		0.04	0.		-					
L	045	0.012	0.00	0.03	07	0.06	724	238	2	480	0.15	729	31	0.2640	3.219	2.501	0.38	CE(2	Cholestero	CE
		692	051	7187	8	076	7	7	2	6	575	2	8	6	25	793	8	4:1)	l Ester	Ester

A L	id_ 154	- 0.002 17	- 0.01 925	0.01 3889	0. 73	- 0.12 951	- 0.2 254 9	- 0.02 793	0. 0 8	- 0.1 316 8	- 0.22 63	- 0.02 931	0. 00 6	0.0164 94	- 0.146 75	0.219 446	0.73 2	LPC(15:0)	Lysophosp hatidylchol ine	LPC Ester
A L	id_ 157	- 0.000 7	- 0.01 438	0.01 8755	0. 96 2	- 0.03 783	- 0.1 481 1	0.06 659 4	0. 4 6	0.0 385 3	- 0.14 13	0.06 221 3	0. 45 6	0.0181 19	- 1.153 28	1.317 416	0.98 2	LPC(17:0)	Lysophosp hatidylchol ine	LPC Ester
A L	id_ 170	0.014 126	0.00 496	0.04 4808	0. 17 4	- 0.01 847	- 0.1 609 5	0.11 618 7	0. 7 2	0.0 043 4	- 0.14 482	0.12 887 8	0. 95 2	- 3.2529 9	- 4.104 32	3.906 901	0.93	LPC(22:6)	Lysophosp hatidylchol ine	LPC Ester
A L	id_ 181	- 0.002 52	- 0.02 213	0.01 612	0. 72 6	- 0.04 645	- 0.1 469 6	0.05 245 3	0. 3 2	0.0 489 7	- 0.14 606	0.04 897 4	0. 33 8	0.0514 09	- 1.124 1	1.580 566	0.80 4	LPE(20:4)	Lysophosp hatidyleth anolamine	LPE Ester
A L	id_ 186	- 0.012 24	- 0.03 747	0.00 3068	0. 13 4	- 0.01 014	- 0.1 052 5	0.08 661 6	0. 8 6	0.0 223 8	- 0.11 383	0.07 123 5	0. 61 4	0.5470 36	- 4.077 4	3.798 511	0.70 4	MAG(12:0)	MAG	Ester
A L	id_ 188	- 0.007 94	- 0.02 411	0.00 2253	0. 18 4	0.01 508	- 0.0 601 3	0.08 920 2	0. 6 4	0.0 071 39	- 0.06 404	0.07 770 2	0. 84 8	- 1.1124 3	- 2.357 97	4.335 623	0.87 6	MAG(14:1)	MAG	Ester
A L	id_ 189	0.046 099	0.00 104 7	0.11 3277	0. 03 6	- 0.17 161	- 0.4 623 8	0.12 606 8	0. 2 8	0.1 255 1	- 0.42 456	0.16 693 9	0. 41	- -0.3673	- 3.003 18	3.056 034	0.42 6	MAG(15:0)	MAG	Ester
A L	id_ 195	0.006 578	- 0.01 291	0.03 1544	0. 53 2	0.03 2173	- 0.0 834 4	0.14 365	0. 5 8	0.0 387 51	- 0.06 867	0.14 816 3	0. 48 4	0.1697 53	- 2.610 24	2.520 36	0.78 8	MAG(18:2)	MAG	Ester
A	id_ 195	0.004	-	0.01	0.	0.01	-	0.09	0.	0.0	-	0.09	0.	0.2582	-	2.424	0.69	MAG(	MAG	Ester

L	203	9	0.00 567	8845	38	4073	0.0 552 1	262 4	7 4 2	189 73	0.05 311	721 1	63 4	37	2.093 04	843	4	20:5)		
A L	id_ 204	0.006 063	- 0.01 276	0.03 1225	0. 44 2	- 0.06 779	- 0.1 563 3	0.01 543 4	0. 1 2 4	- 0.0 617 3	- 0.15 41	0.02 728 9	0. 17 2	- 0.0982 2	- 1.471 62	1.668 586	0.57 8	MAG(22:0)	MAG	Ester
A L	id_ 205	5.94E -05	- 0.01 546	0.01 9174	0. 98 2	- 0.01 821	- 0.1 124 9	0.07 367	0. 6 9 8	- 0.0 181 5	- 0.10 596	0.07 211 7	0. 69 6	- 0.0032 7	- 1.829 08	1.488 1	0.95 4	MAG(22:1)	MAG	Ester
A L	id_ 208	- 0.007 65	- 0.02 964	0.01 7015	0. 50 6	- 0.00 682	- 0.1 003	0.08 560 2	0. 8 6 4	- 0.0 144 7	- 0.09 814	0.07 727	0. 74 4	0.5288 25	- 2.674 66	3.258 626	0.96 6	MAG(22:5)	MAG	Ester
A L	id_ 209	0.001 256	- 0.01 628	0.01 9529	0. 83 6	- 0.05 409	- 0.1 501 5	0.02 789 7	0. 2 2 4	- 0.0 528 3	- 0.14 594	0.03 315	0. 24 2	- 0.0237 8	- 0.908 48	1.028 07	0.95 8	MAG(22:6)	MAG	Ester
A L	id_ 228	- 0.016 25	- 0.04 457	0.00 1078	0. 08 4	0.01 6935	- 0.0 671 1	0.10 521 3	0. 7 0 6	- 0.0 006 83	- 0.08 549	0.08 723 9	0. 97 6	- 23.798 7	- 6.116 09	6.002 822	1	PC(1 5:0/1 8:2)	Phosphati dylcholine	PC Ester
A L	id_ 230	0.029 325	- 0.00 17	0.06 987	0. 06 8	- 0.05 001	- 0.1 785 2	0.07 717 4	0. 4 6 8	- 0.0 206 9	- 0.15 556	0.11 756 7	0. 77 2	- 1.4176 1	- 7.302 21	5.259 388	0.82	PC(1 5:0/2 0:4)	Phosphati dylcholine	PC Ester
A L	id_ 241	- 0.014 61	- 0.04 078	0.00 0619	0. 08 4	0.02 5027	- 0.0 514 2	0.10 739 8	0. 4 7 6	- 0.0 104 18	- 0.06 575	0.09 209	0. 75 8	- 1.4023 3	- 6.664 86	6.248 641	0.81 4	PC(1 6:0/1 8:2)	Phosphati dylcholine	PC Ester
A L	id_ 254	- 0.009	- 0.02	0.00 5475	0. 20	- 0.00	- 0.0 0.0	0.07 368	0. 9	- 0.0	- 0.08	0.06 046	0. 78	0.8888 62	- 3.039	4.646 419	0.85	PC(1 7:0/1	Phosphati dylcholine	PC Ester

		71	825		2	121	796 7	3	9 2	109 2	68	9	4		34			8:2)		
A L	id_ 257	0.005 434	- 0.01 453	0.02 6958	0. 58 2	- 0.01 383	0.1 244 5	0.11 285 3	0. 8 3 4	0.0 083 9	- 0.11 641	0.10 699 3	0. 88 2	-0.6473	- 2.300 79	1.796 167	0.90 8	PC(1 7:0/2 0:4)	Phosphati dylcholine	PC Ester
A L	id_ 272	0.009 379	- 0.00 553	0.03 3163	0. 25 8	- 0.02 608	0.1 349 5	0.08 431 9	0. 6 0 4	- 0.0 167	- 0.12 686	0.08 997 8	0. 73 6	- 0.5614 3	- 3.248 63	2.484 092	0.83 4	PC(1 8:0/2 0:4)	Phosphati dylcholine	PC Ester
A L	id_ 279	- 0.028 5	- 0.06 58	- 0.00 068	0. 04 2	- 0.01 802	0.0 967 4	0.05 828 2	0. 6 1 4	0.0 465 2	- 0.13 015	0.03 172 3	0. 25 4	0.6126 79	- 4.548 53	4.825 041	0.25 6	PC(1 8:1/1 8:2)	Phosphati dylcholine	PC Ester
A L	id_ 283	- 0.027 51	- 0.06 842	0.00 0591	0. 05 8	- 0.10 232	0.2 250 4	0.01 510 3	0. 0 9 4	0.1 298 3	- 0.25 227	- 0.00 866	0. 03 6	0.2118 9	- 0.030 24	1.156 575	0.08 2	PC(1 8:1/2 0:3)	Phosphati dylcholine	PC Ester
A L	id_ 284	- 0.001 45	- 0.02 005	0.01 4572	0. 79 4	- 0.07 412	- 0.1 787	0.04 019 7	0. 1 8 6	0.0 755 7	- 0.17 831	0.03 777 7	0. 15 8	0.0192 05	- 0.682 26	0.769 844	0.79 6	PC(1 8:1/2 0:4)	Phosphati dylcholine	PC Ester
A L	id_ 289	- 0.030 66	- 0.06 938	0.00 105	0. 04 4	- 0.01 588	0.1 045 9	0.06 497 6	0. 7 1 4	0.0 465 4	- 0.14 124	0.03 518 9	0. 28 8	0.6587 19	- 5.750 17	5.983 985	0.28 4	PC(1 8:2/1 6:1)	Phosphati dylcholine	PC Ester
A L	id_ 354	- 0.023 65	- 0.07 572	0.00 4839	0. 13 4	0.03 9238	0.0 700 1	0.15 414 2	0. 4 7 8	0.0 155 85	- 0.09 948	0.13 269 2	0. 78 2	- 1.5177 6	- 7.746 73	5.072 046	0.84 8	PE(1 8:1/2 2:0)	Phosphati dylethanol amine	PE Ester
A L	id_ 386	- 0.003 03	- 0.02 294	0.02 0695	0. 73 8	- 0.05 473	- 0.1 617	0.05 713 1	0. 3 4	- 0.0 577	- 0.16 191	0.05 785 4	0. 32 4	0.0524 87	- 1.427 21	1.726 425	0.77 4	PE(P- 16:0/ 18:1)	Phosphati dylethanol amine	PE Plasma logen

									4	6										
A L	id_ 398	- 0.004 35	- 0.02 469	0.01 2228	0.59 2	- 0.04 672	0.1 483 4	0.06 186 9	0.3 8 2	- 0.0 510 7	- 0.14 697	0.04 977 1	0.33 2	0.0852 2	- 1.442 09	1.312 227	0.80 8	PE(P- 18:0/ 16:0)	Phosphati dylethanol amine	PE Plasma logen
A L	id_ 405	0.015 141	- 0.00 939	0.05 4045	0.22 8	- 0.07 735	0.2 212 5	0.07 167 7	0.2 9 2	- 0.0 622 1	- 0.20 068	0.08 638 9	0.39 2	- 0.2433 9	- 2.964 79	2.435 637	0.51 6	PE(P- 18:0/ 20:3)	Phosphati dylethanol amine	PE Plasma logen
A L	id_ 414	- 0.010 76	- 0.03 377	0.01 0798	0.35	- 0.05 907	0.1 720 3	0.05 472 8	0.2 7	- 0.0 698 4	- 0.18 131	0.04 010 6	0.19	0.1541 23	- 1.751 85	1.587 107	0.46	PE(P- 18:1/ 18:1)	Phosphati dylethanol amine	PE Plasma logen
A L	id_ 448	- 0.011 13	- 0.03 375	0.00 2476	0.10 8	- 0.00 432	0.0 903 2	0.07 816 7	0.8 8	- 0.0 154 5	- 0.09 961	0.06 622 7	0.70 6	0.7201 88	- 4.051 37	3.552 978	0.73 8	SM(1 4:0)	Sphingolipi ds	Sphing omyeli n
A L	id_ 449	- 0.002 06	- 0.01 309	0.00 6823	0.69	- 0.01 206	0.0 725 6	0.04 554 9	0.7 4	- 0.0 141 1	- 0.07 334	0.04 341 8	0.69	0.1456 47	- 2.492 9	1.509 375	0.92	SM(1 6:0)	Sphingolipi ds	Sphing omyeli n
A L	id_ 450	0.006 884	- 0.00 627	0.02 5391	0.31 8	- 0.02 86	0.1 073 7	0.04 09	0.4 9	- 0.0 217 2	- 0.10 027	0.05 538 6	0.61 8	- 0.3169 6	- 2.979 2	2.656 192	0.76 4	SM(1 8:0)	Sphingolipi ds	Sphing omyeli n
A L	id_ 451	0.001 034	- 0.01 815	0.02 1729	0.93 2	- 0.02 973	0.1 297 2	0.06 332 1	0.4 4	- 0.0 287	- 0.12 685	0.06 332 4	0.49 4	- 0.0360 3	- 1.914 61	1.517 161	0.99	SM(1 8:1)	Sphingolipi ds	Sphing omyeli n
A L	id_ 452	- 0.013 75	- 0.04 252	0.00 3245	0.15 4	- 0.01 1082	0.0 908 9	0.11 539 6	0.8 3	- 0.0 026 7	- 0.10 309	0.10 445 1	0.96	5.1564 9	- 4.053 91	3.876 307	0.92 2	SM(2 0:0)	Sphingolipi ds	Sphing omyeli n

A L	id_ 453	- 0.010 63	- 0.03 429	0.00 3203	0. 15 2	- 0.00 765	- 0.0 959 2	0.07 213 9	0. 8 6	- 0.0 182 8	- 0.10 737	0.06 407 7	0. 64 8	0.5814 04	- 3.088 43	4.112 959	0.70 4	SM(2 0:1)	Sphingolipi ds	Sphing omyeli n
A L	id_ 454	- 0.009 07	- 0.03 291	0.00 551	0. 27 4	- 0.01 042	- 0.0 915	0.08 128 5	0. 8 8	- 0.0 194 9	- 0.10 244	0.07 436 2	0. 69 4	0.4651 55	- 3.675 35	3.717 332	0.74 4	SM(2 2:0)	Sphingolipi ds	Sphing omyeli n
A L	id_ 455	- 0.013 92	- 0.03 389	- 0.00 01	0. 04 8	0.01 1188	- 0.0 521 7	0.07 349	0. 7 5	- 0.0 027 4	- 0.07 213	0.06 209 2	0. 92 6	5.0893 97	- 6.829 2	6.635 721	0.91	SM(2 2:1)	Sphingolipi ds	Sphing omyeli n
A L	id_ 456	- 0.007 307	- 0.00 496	0.02 4159	0. 26 6	0.00 0484	- 0.0 730 7	0.07 521 7	0. 9 4	0.0 077 9	- 0.06 437	0.08 510 5	0. 89	0.9379 03	- 4.014 01	2.988 598	0.9	SM(2 4:0)	Sphingolipi ds	Sphing omyeli n
A L	id_ 457	- 0.002 19	- 0.02 048	0.00 9666	0. 7	0.01 915	- 0.0 505 8	0.08 535	0. 5 6	0.0 169 62	- 0.05 243	0.08 240 5	0. 64 8	0.1289 9	- 2.217 26	2.043 474	0.96 4	SM(2 4:1)	Sphingolipi ds	Sphing omyeli n
A L	id_ 458	- 0.002 96	- 0.02 436	0.00 9729	0. 67	0.01 145	- 0.0 964 5	0.06 949 4	0. 7 6	0.0 144 1	- 0.09 753	0.06 440 5	0. 68 4	0.2053 64	- 2.432 21	2.166 941	0.89 4	SM(2 6:0)	Sphingolipi ds	Sphing omyeli n
A L	id_ 459	- 0.000 731	- 0.01 786	0.01 5596	0. 89	0.00 6068	- 0.0 680 6	0.08 028 2	0. 9 2	0.0 067 98	- 0.06 705	0.08 198 7	0. 90 8	0.1074 65	- 2.474 13	1.924 843	0.91	SM(2 6:1)	Sphingolipi ds	Sphing omyeli n
A L	id_ 660	- 0.011 825	- 0.00 041	0.03 1297	0. 07	0.03 724	- 0.0 994 1	0.01 852 6	0. 2 1	0.0 254 1	- 0.08 256	0.03 006 2	0. 36	0.4653 4	- 3.868 9	3.000 26	0.37 4	TAG5 1:3- FA16 :0	Triacylglyc erol	TAG Ester
A	id_ 660	0.020	-	0.05	0.	-	-	0.04	0.	-	-	0.06	0.	-	-	6.668	0.51	TAG5	Triacylglyc	TAG

L	663	967	0.00 015	1221	05 2	0.05 318	0.1 488 5	879 2	2 3 8	0.0 322 1	0.13 082	929 6	47	0.6508 4	7.000 79	372	8	1:3- FA18 :1	erol	Ester
A L	id_ 667	0.014 612	- 0.00 134	0.03 8272	0. 08 2	- 0.03 231	- 0.1 039 4	0.03 400 9	0. 3 8	- 0.0 177	- 0.08 541	0.04 737	0. 60 8	- 0.8256 6	- 5.846 09	7.306 625	0.65 8	TAG5 1:4- FA16 :0	Triacylglyc erol	TAG Ester
A L	id_ 755	0.001 094	- 0.00 136	0.00 3745	0. 38 8	0.00 734	- 0.0 053 7	0.02 038 3	0. 2 8	0.0 084 34	- 0.00 406	0.02 090 6	0. 18 6	0.1296 7	- 1.561 38	1.792 912	0.53	TAG5 3:3- FA18 :0	Triacylglyc erol	TAG Ester
A L	id_ 760	0.001 317	- 0.00 177	0.00 498	0. 33	- 0.00 497	- 0.0 193 4	0.01 066 4	0. 4 8	- 0.0 036 6	- 0.01 721	0.01 137 2	0. 54 6	- 0.3601 9	- 3.925 62	2.157 832	0.59 2	TAG5 3:4- FA18 :0	Triacylglyc erol	TAG Ester
A L	id_ 761	0.003 785	- 0.00 169	0.01 2443	0. 20 8	- 0.00 789	- 0.0 372	0.02 036 3	0. 6 8	- 0.0 041 1	- 0.03 059	0.02 322 8	0. 79 6	- 0.9219 3	- 4.233 47	3.975 079	0.79 2	TAG5 3:4- FA18 :1	Triacylglyc erol	TAG Ester
A L	id_ 765	0.001 614	- 0.00 162	0.00 5448	0. 28 2	0.00 3606	- 0.0 119 4	0.01 958 6	0. 6 8	- 0.0 052 21	- 0.00 961	0.02 060 9	0. 50 8	0.3092 37	- 2.392 38	4.541 198	0.69 4	TAG5 3:5- FA18 :1	Triacylglyc erol	TAG Ester
A L	id_ 766	0.002 821	- 0.00 159	0.00 9516	0. 23 6	- 0.00 605	- 0.0 337 7	0.01 809 7	0. 6 6	- 0.0 032 3	- 0.02 96	0.02 066 2	0. 77 2	- 0.8740 9	- 4.742 48	3.981 211	0.83 6	TAG5 3:5- FA18 :2	Triacylglyc erol	TAG Ester
A L	id_ 769	0.002 015	- 0.00 05	0.00 6114	0. 14 2	0.00 371	- 0.0 117 3	0.01 817 5	0. 6 8	- 0.0 057 24	- 0.00 891	0.02 037 6	0. 46 6	0.3519 39	- 3.641 26	3.166 13	0.55 2	TAG5 3:6- FA18 :1	Triacylglyc erol	TAG Ester
A L	id_ 770	0.007 437	4.95 E-05	0.01 994	0. 04	- 0.00	- 0.0	0.03 330	0. 8	0.0 041	- 0.02	0.03 962	0. 80	1.7891 4	- 4.040	6.163 376	0.8	TAG5 3:6-	Triacylglyc erol	TAG Ester

					4	328	380 8	6	6 8	56	955	5	4		86			FA18 :2		
A L	id_ 771	0.003 172	- 0.00 076	0.00 9868	0. 15 2	- 0.00 125	- 0.0 220 6	0.02 081 5	0. 9 3 4	0.0 019 25	- 0.01 783	0.02 330 5	0. 78 2	1.6481 18	- 6.794 56	6.138 474	0.82 2	TAG5 3:6- FA18 :3	Triacylglyc erol	TAG Ester
A L	id_ 773	0.003 28	- 0.00 151	0.01 1856	0. 19 2	- 0.01 049	- 0.0 409 2	0.01 867 2	0. 5 1 8	0.0 072 1	- 0.03 594	0.02 035 9	0. 64	- 0.4549 9	- 3.948 86	3.244 741	0.64 4	TAG5 3:7- FA18 :3	Triacylglyc erol	TAG Ester
A L	id_ 856	0.005 262	- 0.00 045	0.01 2859	0. 08 8	- 0.00 192	- 0.0 303 9	0.02 752 2	0. 8 5 4	0.0 033 38	- 0.02 449	0.03 169 4	0. 83 4	1.5762 56	- 4.377 71	5.247 457	0.81 4	TAG5 5:6- FA18 :1	Triacylglyc erol	TAG Ester
A L	id_ 857	0.000 646	- 0.00 249	0.00 4048	0. 63 8	0.00 0801	- 0.0 134 7	0.01 566 8	0. 8 9 4	0.0 014 47	- 0.01 291	0.01 577 6	0. 81 2	0.4461 35	- 3.167 24	2.043 39	0.94 6	TAG5 5:6- FA20 :3	Triacylglyc erol	TAG Ester
A L	id_ 860	0.019 128	- 0.00 052	0.04 9757	0. 05 6	- 0.03 294	- 0.1 135 4	0.04 558 2	0. 3 7	0.0 138 2	- 0.09 294	0.06 671 7	0. 67 4	- 1.3844 4	- 6.084 43	5.331 784	0.71 8	TAG5 5:7- FA18 :1	Triacylglyc erol	TAG Ester
A L	id_ 861	0.000 833	- 0.00 348	0.00 4591	0. 66	- 0.00 182	- 0.0 191 4	0.01 607 2	0. 8 4 4	0.0 009 8	- 0.01 828	0.01 703 6	0. 9	- 0.8474 4	- 2.493 01	2.770 987	0.96	TAG5 5:7- FA20 :3	Triacylglyc erol	TAG Ester
A L	id_ 862	0.002 174	- 0.00 064	0.00 6334	0. 15 2	- 0.00 236	- 0.0 189 1	0.01 249 8	0. 7 5 2	0.0 001 9	- 0.01 657	0.01 511 6	0. 97	- 11.406 8	- 4.867 39	5.307 549	0.96 6	TAG5 5:7- FA20 :4	Triacylglyc erol	TAG Ester
A L	id_ 864	0.003 306	- 0.00 09	0.00 8931	0. 14	0.00 5327	- 0.0 163	0.02 701 9	0. 6 4	0.0 086 32	- 0.01 401	0.03 101 3	0. 45 6	0.3829 38	- 2.877 38	3.272 469	0.53 6	TAG5 5:8- FA20	Triacylglyc erol	TAG Ester

							1		4									:4		
A L	id_ 939	0.001 34	- 0.00 155	0.00 4886	0. 41	0.00 0485	- 0.0 170 9	0.01 877 2	0. 9 2 4	0.0 018 25	- 0.01 678	0.01 998 8	0. 80 4	0.7343 86	-2.172	3.453 613	0.83 8	TAG5 7:9- FA22 :6	Triacylglyc erol	TAG Ester
A L	id_ 978	0.009 662	- 0.00 315	0.03 0092	0. 16 4	- 0.01 633	- 0.0 935 8	0.04 671 2	0. 5 6 6	0.0 066 6	- 0.08 281	0.05 793 2	0. 78	-1.4501	- 4.447 59	4.026 488	0.83 2	Total CE	Neutral Complex Lipids SUM	Choles teryl Esters
A L	id_ 987	- 0.008 51	- 0.02 771	0.00 2136	0. 16 4	- 0.00 298	- 0.0 682 5	0.06 145 8	0. 9 1 6	0.0 114 9	- 0.07 762	0.05 206	0. 69 6	0.7408 75	- 5.003 66	3.814 525	0.75 2	Total PC	Phospholi pid SUM	Phosph atidylc holines
A L	id_ 990	- 0.003 33	- 0.01 643	0.00 5904	0. 46	- 0.00 488	- 0.0 643 4	0.05 615 4	0. 8 9 8	0.0 082 1	- 0.06 864	0.05 406	0. 80 8	0.4059 68	- 2.535 49	1.775 441	0.90 4	Total SM	Sphingolipi d SUM	Sphing omyeli ns
A L	id_ 039	0.010 185	- 0.00 641	0.03 7958	0. 24 8	- 0.12 071	- 0.3 267 4	0.04 326 8	0. 1 7 2	0.1 105 3	- 0.32 289	0.04 903	0. 22 6	0.0921 5	- 1.101 34	1.105 362	0.42 2	CE(2 2:1)	Cholestero l Ester	CE Ester
A L	id_ 060	0.050 575	- 0.00 406	0.13 9749	0. 08 6	0.07 9899	- 0.2 919 1	0.46 459 6	0. 6 4	0.1 304 74	- 0.24 01	0.51 167 6	0. 49 4	0.3876 26	- 3.869 66	3.781 688	0.52	DAG(12:0/ 18:1)	Diacylglyc erol	DAG Ester
A L	id_ 071	0.035 062	- 0.00 142	0.09 4365	0. 06 2	- 0.10 689	- 0.3 160 1	0.09 0.09 81	0. 3 0 4	0.0 718 3	- 0.25 969	0.12 058 7	0. 47 6	- 0.4881 1	- 5.687 51	3.718 91	0.51 8	DAG(14:1/ 16:0)	Diacylglyc erol	DAG Ester
A L	id_ 072	0.026 36	- 0.00 308	0.06 7135	0. 11 2	- 0.02 936	- 0.1 956 5	0.14 417 6	0. 8 1 2	0.0 029 9	- 0.17 817	0.17 156 5	0. 99 6	- 8.8018 7	- 4.029 54	3.310 057	0.97 6	DAG(14:1/ 18:1)	Diacylglyc erol	DAG Ester

A L	id_ 160	- 0.018 1	- 0.05 367	0.00 515	0. 14 4	0.02 7967	- 0.0 698 7	0.12 825 2	0. 6 2	0.0 098 68	- 0.09 171	0.11 322 9	0. 89	- 1.8342 7	- 4.828 45	8.449 606	0.92 2	LPC(18:2)	Lysophosp hatidylchol ine	LPC Ester
A L	id_ 196	0.003 014	- 0.01 019	0.01 711	0. 61	0.02 01	- 0.0 989 5	0.05 981 9	0. 6 5	0.0 170 8	- 0.09 502	0.06 078 7	0. 70 4	- 0.1764 3	- 1.238 34	1.862 773	0.88 6	MAG(18:3)	MAG	Ester
A L	id_ 199	0.008 458	- 0.00 599	0.02 9083	0. 29 2	- 0.03 656	- 0.1 323 3	0.06 273 4	0. 4 1	- 0.0 281	- 0.12 24	0.06 790 5	0. 52 4	- 0.3009 7	- 3.089 23	2.144 686	0.62 4	MAG(20:1)	MAG	Ester
A L	id_ 200	0.012 341	- 0.00 25	0.03 5314	0. 12 2	- 0.02 765	- 0.1 055 2	0.05 009 5	0. 4 6	0.0 153 1	- 0.09 519	0.06 251 4	0. 68 6	- 0.8060 1	- 5.006 24	4.619 727	0.74 8	MAG(20:2)	MAG	Ester
A L	id_ 201	0.011 606	- 0.00 455	0.03 5845	0. 17 8	- 0.02 734	- 0.1 327 3	0.05 906 5	0. 5 8	0.0 157 4	- 0.11 716	0.06 687 4	0. 75 4	- 0.7375 2	- 4.444 5	3.390 046	0.81 2	MAG(20:3)	MAG	Ester
A L	id_ 251	0.007 617	- 0.02 705	0.04 0722	0. 57 8	0.01 4984	- 0.1 250 7	0.15 052 5	0. 8 4	0.0 226 01	- 0.11 86	0.16 430 7	0. 77 2	0.3370 28	2.252 14	2.628 817	0.80 2	PC(1 6:0/2 2:6)	Phosphati dylcholine	PC Ester
A L	id_ 288	- 0.005 42	- 0.03 155	0.01 5673	0. 59 2	- 0.05 898	- 0.1 649 8	0.05 010 3	0. 3 6	- 0.0 644	- 0.17 201	0.04 642 9	0. 27 2	0.0840 9	- 0.944 6	2.262 352	0.65 2	PC(1 8:1/2 2:6)	Phosphati dylcholine	PC Ester
A L	id_ 293	- 0.045 82	- 0.10 805	- 0.00 115	0. 04 6	0.01 8579	- 0.0 877 5	0.11 644 4	0. 7 4	0.0 272 4	- 0.14 557	0.08 724 9	0. 63 4	1.6819 48	- 7.170 37	7.777 756	0.60 4	PC(1 8:2/2 0:2)	Phosphati dylcholine	PC Ester
A	id_	0.004	-	0.03	0.	-	-	0.04	0.	-	-	0.05	0.	-	-	1.085	0.69	PC(1	Phosphati	PC

L	298	934	0.01 826	3431	62 4	0.08 119	0.2 068 6	87	1 9 4	0.0 762 6	0.20 234	041 8	23 8	0.0647 1	0.895 63	236	8	8:2/2 2:5)	dylcholine	Ester
A L	id_ 332	0.009 381	- 0.01 255	0.03 8199	0. 44	0.00 0475	- 0.1 272 2	0.12 955 8	0. 9 7	0.0 098 56	- 0.11 983	0.13 400 8	0. 83 8	0.9518 24	- 2.211 65	3.375 478	0.89 4	PE(1 8:0/1 8:0)	Phosphati dylethanol amine	PE Ester
A L	id_ 359	- 0.016 51	- 0.05 909	0. 29 5464	0. 4	0.02 3632	- 0.1 576 2	0.20 414 2	0. 7 5 6	0.0 071 22	- 0.16 681	0.18 159 3	0. 87 6	- 2.3179 7	- 4.527 28	4.011 507	0.82 6	PE(1 8:2/1 6:1)	Phosphati dylethanol amine	PE Ester
A L	id_ 366	- 0.016 68	- 0.04 83	0. 13 4329	- 0. 2	0.00 691	- 0.1 471 5	0.13 939 2	0. 9 6	0.0 235 9	- 0.15 977	0. 0.11 977	0. 76 6	0.7069 92	- 3.519 48	3.429 374	0.75 4	PE(O - 16:0/ 18:2)	Phosphati dylethanol amine	PE Ether
A L	id_ 368	0.012 594	- 0.01 348	0.05 6912	0. 38 4	- 0.04 615	- 0.2 494 1	0.14 244 9	0. 6 4	0.0 335 5	- 0.21 142	0.13 916 8	0. 75 2	- 0.3753 3	- 1.903 39	2.507 037	0.80 8	PE(O - 16:0/ 20:4)	Phosphati dylethanol amine	PE Ether
A L	id_ 372	0.000 714	- 0.02 455	0.02 5578	0. 91 8	- 0.12 216	- 0.2 630 2	0.00 133	0. 0 5 2	0.1 214 5	- 0.25 683	- 0.00 065	0. 05	0.0058 7	- 0.445 06	0.464 582	0.91 2	PE(O - 16:0/ 22:6)	Phosphati dylethanol amine	PE Ether
A L	id_ 378	0.014 497	- 0.00 803	0.05 2249	0. 23 4	- 0.05 41	- 0.2 028 9	0.10 814	0. 9 4	0.0 396	- 0.18 776	0.11 522 9	0. 63 6	- 0.3661 1	- 2.685 83	3.937 754	0.76 2	PE(O - 18:0/ 20:4)	Phosphati dylethanol amine	PE Ether
A L	id_ 381	0.004 282	- 0.01 401	0.03 5086	0. 61 6	- 0.03 745	- 0.1 701 3	0.08 855 3	0. 5 4	0.0 331 7	- 0.16 338	0.09 346	0. 56 8	- 0.1291 2	- 1.775 22	1.945 21	0.84	PE(O - 18:0/ 22:5)	Phosphati dylethanol amine	PE Ether
A L	id_ 382	- 0.011	- 0.04	0.00 9378	0. 31	0.03 0584	- 0.0	0.15 127	0. 6	0.0 193	- 0.10	0.13 413	0. 77	- 0.5806	- 2.940	2.642 464	0.80 4	PE(O -	Phosphati dylethanol	PE Ether

		23	364		8		903 3	9	6 6	49	36	9	4	4	61			18:0/ 22:6)	amine	
A L	id_ 387	- 0.004 87	- 0.03 474	0.02 4282	0. 71	- 0.03 613	- 0.1 658 7	0.11 861 2	0. 6 3 6	- 0.0 410 1	- 0.10 920 9	0. 58 6	0.1188 49	- 2.778 98	1.397 519	0.93 6	PE(P- 16:0/ 18:2)	Phosphati dylethanol amine	PE Plasma logen	
A L	id_ 392	0.036 539	- 0.00 011	0.10 1143	0. 05 6	- 0.14 304	- 0.3 442 4	0.03 656 5	0. 1 3 6	- 0.1 065 1	- 0.07 651 9	0. 24 2	- 0.3430 7	- 3.681 71	2.099 229	0.29 4	PE(P- 16:0/ 20:4)	Phosphati dylethanol amine	PE Plasma logen	
A L	id_ 395	0.015 841	- 0.00 319	0.05 3587	0. 15	- 0.04 774	- 0.1 874 6	0.08 221	0. 5 0 4	- 0.0 319	- 0.16 956 3	0. 68 4	- 0.4965 7	-3.943	4.069 066	0.75	PE(P- 16:0/ 22:5)	Phosphati dylethanol amine	PE Plasma logen	
A L	id_ 396	0.010 158	- 0.01 285	0.04 1369	0. 42 4	- 0.04 637	- 0.1 748 8	0.07 661 1	0. 4 9 8	- 0.0 362 1	- 0.08 696 6	0. 56 6	- 0.2805 1	- 2.854 14	2.468 642	0.74 6	PE(P- 16:0/ 22:6)	Phosphati dylethanol amine	PE Plasma logen	
A L	id_ 401	- 0.002 53	- 0.02 06	0.02 2558	0. 86 4	- 0.03 525	- 0.1 540 7	0.09 192 5	0. 5 2	- 0.0 377 8	- 0.14 929 3	0. 54 2	0.0670 75	- 2.433 66	1.158 101	0.99 4	PE(P- 18:0/ 18:1)	Phosphati dylethanol amine	PE Plasma logen	
A L	id_ 402	- 0.005 34	- 0.03 174	0.01 873	0. 61 8	- 0.01 22	- 0.1 428 2	0.11 810 4	0. 8 4 4	- 0.0 175 4	- 0.11 181 2	0. 77 8	0.3044 29	- 2.022 07	1.665 798	0.95 6	PE(P- 18:0/ 18:2)	Phosphati dylethanol amine	PE Plasma logen	
A L	id_ 406	0.034 595	- 6.99 E-05	0.09 4147	0. 05 4	- 0.11 025	- 0.2 940 7	0.05 206	0. 0 8	- 0.0 756 6	- 0.09 325 8	0. 38	- 0.4572 4	- 5.906 86	4.616 8	0.41 4	PE(P- 18:0/ 20:4)	Phosphati dylethanol amine	PE Plasma logen	
A L	id_ 409	0.020 146	- 0.00 264	0.06 8911	0. 12 4	- 0.08 076	- 0.2 438	0.07 950 7	0. 3 4	- 0.0 606	- 0.21 040 7	0. 47 8	- 0.3323 5	- 2.619 41	3.166 766	0.55 8	PE(P- 18:0/ 22:5)	Phosphati dylethanol amine	PE Plasma logen	

							7			2										
A L	id_ 410	0.012 468	- 0.00 475	0.04 2521	0. 22	- 0.03 171	- 0.1 798 8	0.11 931 9	0. 7 8	- 0.0 192 5	- 0.16 682	0.13 044 6	0. 84 4	- 0.6478 4	- 3.414 01	1.905 337	0.85 6	PE(P- 18:0/ 22:6)	Phosphati dylethanol amine	PE Plasma logen
A L	id_ 411	- 0.012 25	- 0.03 999	0.00 7511	0. 28 2	- 0.00 783	- 0.1 109 3	0.10 271 6	0. 8 6	- 0.0 200 8	- 0.11 882	0.08 769 8	0. 72	0.6102 11	- 2.934 85	3.037 608	0.81	PE(P- 18:1/ 16:0)	Phosphati dylethanol amine	PE Plasma logen
A L	id_ 415	- 0.010 5	- 0.03 955	0.01 7068	0. 39 4	- 0.07 665	- 0.2 151 1	0.05 777 9	0. 2 4	- 0.0 871 5	- 0.22 194	0.04 447 1	0. 19 2	0.1205 05	- 1.198 85	1.480 999	0.51 8	PE(P- 18:1/ 18:2)	Phosphati dylethanol amine	PE Plasma logen
A L	id_ 419	0.031 015	- 0.00 077	0.08 3724	0. 06 6	- 0.16 093	- 0.3 370 1	0.02 488 6	0. 0 6	- 0.1 299 2	- 0.29 683	0.04 044 1	0. 13 2	0.2387 3	- 1.807 3	1.459 68	0.19 4	PE(P- 18:1/ 20:4)	Phosphati dylethanol amine	PE Plasma logen
A L	id_ 421	0.008 757	- 0.01 369	0.04 2508	0. 48 2	- 0.27 488	- 0.4 034 3	- 0.15 61	0. 2 0	- 0.2 661 2	- 0.38 502	- 0.15 038	0. 0	0.0329 1	- 0.185 33	0.051 504	0.48 2	PE(P- 18:1/ 22:4)	Phosphati dylethanol amine	PE Plasma logen
A L	id_ 422	0.002 496	- 0.01 446	0.03 723	0. 82 8	- 0.11 203	- 0.2 621	0.02 842 9	0. 1 4	- 0.1 095 3	- 0.24 762	0.02 599 2	0. 10 8	0.0227 8	- 0.681 1	0.529 675	0.82	PE(P- 18:1/ 22:5)	Phosphati dylethanol amine	PE Plasma logen
A L	id_ 423	0.010 209	- 0.00 905	0.03 6567	0. 32	- 0.06 487	- 0.2 101 6	0.07 236 8	0. 3 2	- 0.0 546 6	- 0.18 827	0.08 250 6	0. 41 8	0.1867 9	- 2.093 05	1.241 471	0.56 6	PE(P- 18:1/ 22:6)	Phosphati dylethanol amine	PE Plasma logen
A L	id_ 424	- 0.023 08	- 0.07 053	0.00 1965	0. 11	- 0.14 398	- 0.2 795 8	- 0.00 308	0. 0 4	- 0.1 670 6	- 0.30 399	- 0.03 145	0. 02	0.1381 42	- 0.021 23	0.729 036	0.12 2	PE(P- 18:2/ 18:2)	Phosphati dylethanol amine	PE Plasma logen

A	id_	0.014	0.00	0.05	0.31	0.11	0.2861	0.04372	0.16	0.10395	0.26354	0.04811	0.202	-0.1353	0.174865	1.237442	0.402	PE(P-18:2/20:4)	Phosphatidylethanolamine	PE Plasma logen
L	425	064	956	565	6	801	3	5	6	5	354	1	2							

Table S14: Module preservation statistics for gene co-expression modules identified in the full dataset for changes in 12-months.

Module	Zsummary	Size	permutations
black	6.818439	50	1000
blue	8.475223	141	1000
brown	16.96138	120	1000
gold	12.7264	406	1000
green	13.76532	62	1000
greenyellow	8.159169	22	1000
magenta	8.420219	34	1000
pink	8.875044	41	1000
purple	9.475038	25	1000
red	10.95645	54	1000
turquoise	16.22399	191	1000
yellow	14.03992	73	1000

Table S15: Module preservation statistics for gene co-expression modules identified in the full dataset for changes in 24-months.

Module	Zsummary	Size	permutations
black	6.884015	49	1000
blue	9.075248	152	1000
brown	12.99615	111	1000
gold	13.38972	408	1000
green	12.29392	69	1000
greenyellow	6.821588	24	1000
magenta	7.174629	44	1000
pink	14.19015	44	1000
purple	8.664155	35	1000

red	11.88658	67	1000
turquoise	19.88681	152	1000
yellow	12.11434	70	1000

Table S16 A. Mediation results BL-12M AUCI corrected for covariates (age, sex)

Group	Clinic al	Metabolit e	ACME_es timate	ACME_CI _low	ACME_CI _high	ACME_p	ADE_est imate	ADE_CI_L ow	ADE_CI_ high	ADE_p ect	Total_eff _low	Total_CI_ igh	Total_p	Proporti on_med		Prop_me d_CI_hig h		Prop_m ed_p	Biochemic al	Subgroup
														iated	_CI_low	h				
CR	auci	id_023	-0.007	-0.047	0.008	0.306	-0.227	-0.354	-0.085	0.002	-0.234	-0.359	-0.101	0.002	0.029	-0.031	0.239	0.308	CE(15:0)	CE Ester
CR	auci	id_024	-0.009	-0.049	0.002	0.100	-0.225	-0.347	-0.088	0.000	-0.234	-0.356	-0.106	0.000	0.040	-0.006	0.277	0.100	CE(16:0)	CE Ester
CR	auci	id_026	-0.010	-0.070	0.003	0.120	-0.225	-0.354	-0.092	0.000	-0.234	-0.357	-0.113	0.000	0.041	-0.014	0.338	0.120	CE(17:0)	CE Ester
CR	auci	id_027	-0.007	-0.050	0.007	0.254	-0.227	-0.367	-0.088	0.002	-0.234	-0.362	-0.106	0.002	0.032	-0.025	0.285	0.256	CE(18:0)	CE Ester
CR	auci	id_028	-0.005	-0.038	0.008	0.390	-0.229	-0.356	-0.097	0.002	-0.234	-0.362	-0.111	0.000	0.022	-0.034	0.198	0.390	CE(18:1)	CE Ester
CR	auci	id_029	-0.003	-0.030	0.014	0.642	-0.231	-0.363	-0.098	0.004	-0.234	-0.366	-0.102	0.002	0.013	-0.061	0.157	0.644	CE(18:2)	CE Ester
CR	auci	id_033	-0.003	-0.025	0.004	0.476	-0.231	-0.359	-0.101	0.000	-0.234	-0.364	-0.114	0.000	0.013	-0.017	0.123	0.476	CE(20:1)	CE Ester
CR	auci	id_034	-0.020	-0.098	-0.006	0.006	-0.214	-0.332	-0.069	0.004	-0.234	-0.349	-0.117	0.000	0.086	0.025	0.506	0.006	CE(20:2)	CE Ester
CR	auci	id_035	-0.021	-0.112	-0.006	0.002	-0.214	-0.334	-0.057	0.006	-0.234	-0.355	-0.094	0.002	0.088	0.019	0.563	0.004	CE(20:3)	CE Ester
CR	auci	id_036	-0.015	-0.051	-0.002	0.030	-0.219	-0.346	-0.090	0.002	-0.234	-0.361	-0.113	0.000	0.064	0.007	0.264	0.030	CE(20:4)	CE Ester
CR	auci	id_041	-0.010	-0.042	0.002	0.100	-0.224	-0.363	-0.092	0.002	-0.234	-0.371	-0.098	0.002	0.042	-0.009	0.218	0.102	CE(22:4)	CE Ester
CR	auci	id_042	-0.005	-0.023	0.007	0.380	-0.230	-0.358	-0.101	0.000	-0.234	-0.361	-0.106	0.000	0.019	-0.029	0.120	0.380	CE(22:5)	CE Ester
CR	auci	id_043	0.001	-0.006	0.012	0.726	-0.236	-0.362	-0.103	0.000	-0.234	-0.359	-0.099	0.000	-0.006	-0.057	0.030	0.726	CE(22:6)	CE Ester
CR	auci	id_044	0.002	-0.005	0.014	0.616	-0.236	-0.361	-0.112	0.000	-0.234	-0.358	-0.112	0.000	-0.008	-0.077	0.024	0.616	CE(24:0)	CE Ester
CR	auci	id_045	0.000	-0.010	0.007	0.982	-0.234	-0.362	-0.107	0.000	-0.234	-0.360	-0.111	0.000	0.000	-0.034	0.056	0.982	CE(24:1)	CE Ester
CR	auci	id_046	-0.009	-0.062	0.009	0.260	-0.225	-0.356	-0.088	0.002	-0.234	-0.367	-0.104	0.000	0.037	-0.036	0.297	0.260	CER(14:0)	Ceramide
CR	auci	id_047	-0.008	-0.055	0.002	0.100	-0.226	-0.355	-0.090	0.000	-0.234	-0.365	-0.105	0.000	0.036	-0.007	0.263	0.100	CER(16:0)	Ceramide
CR	auci	id_048	-0.044	-0.146	-0.016	0.000	-0.190	-0.318	-0.025	0.016	-0.234	-0.360	-0.102	0.000	0.187	0.060	0.823	0.000	CER(18:0)	Ceramide
CR	auci	id_049	-0.009	-0.053	0.002	0.124	-0.225	-0.348	-0.090	0.002	-0.234	-0.360	-0.112	0.000	0.040	-0.009	0.277	0.124	CER(18:1)	Ceramide
CR	auci	id_050	-0.023	-0.110	-0.005	0.014	-0.211	-0.337	-0.051	0.010	-0.234	-0.365	-0.096	0.000	0.098	0.016	0.576	0.014	CER(20:0)	Ceramide
CR	auci	id_051	-0.017	-0.070	-0.005	0.008	-0.217	-0.340	-0.084	0.002	-0.234	-0.364	-0.106	0.000	0.075	0.019	0.330	0.008	CER(20:1)	Ceramide
CR	auci	id_052	-0.013	-0.079	0.002	0.092	-0.221	-0.349	-0.083	0.000	-0.234	-0.361	-0.117	0.000	0.057	-0.007	0.380	0.092	CER(22:0)	Ceramide
CR	auci	id_053	-0.023	-0.142	-0.006	0.006	-0.211	-0.325	-0.046	0.006	-0.234	-0.355	-0.114	0.000	0.098	0.021	0.726	0.006	CER(22:1)	Ceramide
CR	auci	id_054	-0.010	-0.048	0.004	0.186	-0.224	-0.351	-0.091	0.004	-0.234	-0.365	-0.104	0.002	0.042	-0.019	0.253	0.188	CER(24:0)	Ceramide
CR	auci	id_055	-0.013	-0.053	0.002	0.092	-0.221	-0.352	-0.071	0.002	-0.234	-0.361	-0.093	0.002	0.054	-0.010	0.293	0.094	CER(24:1)	Ceramide
CR	auci	id_057	-0.003	-0.018	0.011	0.644	-0.231	-0.352	-0.100	0.000	-0.234	-0.353	-0.099	0.000	0.012	-0.054	0.099	0.644	CER(26:1)	Ceramide
CR	auci	id_116	0.008	-0.020	0.039	0.638	-0.243	-0.378	-0.114	0.002	-0.234	-0.370	-0.108	0.000	-0.036	-0.220	0.082	0.638	DCER(14:0)	Dihydroceramide
CR	auci	id_117	-0.008	-0.037	0.004	0.168	-0.226	-0.356	-0.101	0.000	-0.234	-0.366	-0.113	0.000	0.034	-0.021	0.169	0.168	DCER(16:0)	Dihydroceramide

CR	auci	id_118	-0.009	-0.036	0.003	0.148	-0.225	-0.357	-0.093	0.004	-0.234	-0.366	-0.104	0.000	0.038	-0.014	0.182	0.148	DCER(18:0) Dihydroceramide
CR	auci	id_119	-0.005	-0.014	0.022	0.482	-0.230	-0.361	-0.099	0.000	-0.234	-0.361	-0.102	0.000	0.020	-0.108	0.070	0.482	DCER(18:1) Dihydroceramide
CR	auci	id_120	-0.008	-0.046	0.001	0.068	-0.226	-0.348	-0.086	0.004	-0.234	-0.359	-0.098	0.002	0.033	-0.002	0.232	0.070	DCER(20:0) Dihydroceramide
CR	auci	id_121	-0.008	-0.039	0.010	0.164	-0.226	-0.343	-0.090	0.000	-0.234	-0.355	-0.097	0.000	0.036	-0.047	0.177	0.164	DCER(20:1) Dihydroceramide
CR	auci	id_122	-0.015	-0.085	0.000	0.048	-0.219	-0.350	-0.084	0.006	-0.234	-0.364	-0.116	0.000	0.064	0.002	0.412	0.048	DCER(22:0) Dihydroceramide
CR	auci	id_123	-0.004	-0.039	0.002	0.150	-0.230	-0.352	-0.091	0.002	-0.234	-0.363	-0.103	0.000	0.018	-0.007	0.181	0.150	DCER(22:1) Dihydroceramide
CR	auci	id_124	-0.015	-0.061	-0.003	0.026	-0.219	-0.336	-0.072	0.004	-0.234	-0.362	-0.095	0.002	0.065	0.009	0.298	0.028	DCER(22:2) Dihydroceramide
CR	auci	id_125	-0.009	-0.052	0.002	0.134	-0.225	-0.347	-0.082	0.002	-0.234	-0.358	-0.101	0.000	0.037	-0.012	0.290	0.134	DCER(24:0) Dihydroceramide
CR	auci	id_126	-0.007	-0.054	0.000	0.056	-0.227	-0.358	-0.088	0.002	-0.234	-0.368	-0.112	0.002	0.029	-0.001	0.270	0.058	DCER(24:1) Dihydroceramide
CR	auci	id_128	-0.001	-0.007	0.011	0.944	-0.234	-0.360	-0.107	0.000	-0.234	-0.359	-0.105	0.000	0.002	-0.052	0.036	0.944	DCER(26:1) Dihydroceramide
CR	auci	id_129	0.002	-0.011	0.020	0.778	-0.236	-0.362	-0.095	0.000	-0.234	-0.359	-0.090	0.000	-0.007	-0.099	0.060	0.778	HCER(14:0) Hexosylceramide
CR	auci	id_130	-0.004	-0.030	0.009	0.474	-0.230	-0.365	-0.097	0.000	-0.234	-0.368	-0.110	0.000	0.017	-0.038	0.171	0.474	HCER(16:0) Hexosylceramide
CR	auci	id_131	0.000	-0.009	0.014	0.826	-0.234	-0.354	-0.100	0.000	-0.234	-0.349	-0.101	0.000	-0.001	-0.059	0.052	0.826	HCER(18:0) Hexosylceramide
CR	auci	id_132	-0.001	-0.025	0.017	0.910	-0.233	-0.366	-0.102	0.000	-0.234	-0.366	-0.110	0.000	0.003	-0.080	0.135	0.910	HCER(18:1) Hexosylceramide
CR	auci	id_133	-0.002	-0.015	0.009	0.672	-0.232	-0.363	-0.105	0.000	-0.234	-0.361	-0.109	0.000	0.010	-0.038	0.079	0.672	HCER(20:0) Hexosylceramide
CR	auci	id_134	-0.010	-0.044	0.001	0.086	-0.224	-0.346	-0.088	0.002	-0.234	-0.361	-0.108	0.000	0.044	-0.006	0.230	0.086	HCER(20:1) Hexosylceramide
CR	auci	id_135	0.002	-0.012	0.015	0.756	-0.236	-0.366	-0.099	0.000	-0.234	-0.362	-0.100	0.000	-0.008	-0.069	0.068	0.756	HCER(22:0) Hexosylceramide
CR	auci	id_136	-0.006	-0.031	0.009	0.364	-0.228	-0.354	-0.090	0.000	-0.234	-0.362	-0.100	0.000	0.026	-0.037	0.157	0.364	HCER(22:1) Hexosylceramide
CR	auci	id_137	0.001	-0.011	0.015	0.788	-0.236	-0.366	-0.110	0.004	-0.234	-0.365	-0.113	0.004	-0.006	-0.070	0.051	0.788	HCER(24:0) Hexosylceramide
CR	auci	id_138	0.000	-0.010	0.010	0.892	-0.235	-0.360	-0.105	0.000	-0.234	-0.358	-0.106	0.000	-0.002	-0.044	0.041	0.892	HCER(24:1) Hexosylceramide
CR	auci	id_139	-0.002	-0.012	0.007	0.644	-0.232	-0.364	-0.100	0.000	-0.234	-0.366	-0.102	0.000	0.010	-0.029	0.062	0.644	HCER(26:0) Hexosylceramide
CR	auci	id_141	0.002	-0.019	0.017	0.802	-0.236	-0.360	-0.104	0.002	-0.234	-0.360	-0.105	0.002	-0.007	-0.080	0.091	0.804	LCER(14:0) Lactosylceramide
CR	auci	id_142	-0.003	-0.027	0.008	0.626	-0.231	-0.353	-0.102	0.002	-0.234	-0.354	-0.103	0.002	0.015	-0.039	0.118	0.624	LCER(16:0) Lactosylceramide
CR	auci	id_144	-0.001	-0.010	0.006	0.774	-0.233	-0.355	-0.114	0.000	-0.234	-0.358	-0.114	0.000	0.004	-0.031	0.049	0.774	LCER(18:1) Lactosylceramide
CR	auci	id_145	0.005	-0.009	0.023	0.538	-0.239	-0.369	-0.106	0.000	-0.234	-0.365	-0.102	0.000	-0.019	-0.132	0.053	0.538	LCER(20:0) Lactosylceramide
CR	auci	id_146	-0.002	-0.010	0.009	0.796	-0.233	-0.356	-0.113	0.000	-0.234	-0.355	-0.114	0.000	0.006	-0.044	0.052	0.796	LCER(20:1) Lactosylceramide
CR	auci	id_147	0.004	-0.010	0.021	0.630	-0.238	-0.367	-0.115	0.000	-0.234	-0.364	-0.115	0.000	-0.015	-0.106	0.046	0.630	LCER(22:0) Lactosylceramide
CR	auci	id_148	-0.001	-0.020	0.011	0.862	-0.233	-0.351	-0.109	0.000	-0.234	-0.357	-0.114	0.000	0.004	-0.059	0.095	0.862	LCER(22:1) Lactosylceramide
CR	auci	id_149	-0.007	-0.044	0.012	0.510	-0.227	-0.347	-0.091	0.000	-0.234	-0.367	-0.102	0.000	0.029	-0.067	0.182	0.510	LCER(24:0) Lactosylceramide
CR	auci	id_152	0.001	-0.013	0.010	0.932	-0.235	-0.368	-0.103	0.002	-0.234	-0.367	-0.103	0.002	-0.003	-0.050	0.067	0.930	LCER(26:1) Lactosylceramide
CR	auci	id_154	-0.002	-0.029	0.013	0.638	-0.233	-0.357	-0.104	0.002	-0.234	-0.358	-0.113	0.000	0.007	-0.063	0.142	0.638	LPC(15:0) LPC Ester

CR	auci	id_157	0.005	-0.005	0.019	0.300	-0.239	-0.372	-0.119	0.000	-0.234	-0.366	-0.116	0.000	-0.021	-0.101	0.023	0.300	LPC(17:0)	LPC Ester
CR	auci	id_170	0.000	-0.038	0.016	0.996	-0.235	-0.353	-0.108	0.000	-0.234	-0.357	-0.108	0.000	-0.002	-0.094	0.155	0.996	LPC(22:6)	LPC Ester
CR	auci	id_181	-0.012	-0.041	0.001	0.068	-0.222	-0.353	-0.088	0.000	-0.234	-0.362	-0.102	0.000	0.050	-0.003	0.229	0.068	LPE(20:4)	LPE Ester
CR	auci	id_186	-0.003	-0.016	0.007	0.528	-0.231	-0.363	-0.098	0.000	-0.234	-0.364	-0.098	0.000	0.013	-0.032	0.073	0.528	MAG(12:0)	Ester
CR	auci	id_188	-0.001	-0.006	0.027	0.930	-0.234	-0.362	-0.099	0.000	-0.234	-0.359	-0.098	0.000	0.002	-0.141	0.037	0.930	MAG(14:1)	Ester
CR	auci	id_189	-0.001	-0.020	0.010	0.772	-0.233	-0.363	-0.101	0.004	-0.234	-0.367	-0.102	0.002	0.004	-0.049	0.098	0.770	MAG(15:0)	Ester
CR	auci	id_195	-0.001	-0.017	0.006	0.760	-0.233	-0.366	-0.102	0.000	-0.234	-0.366	-0.105	0.000	0.005	-0.025	0.102	0.760	MAG(18:2)	Ester
CR	auci	id_203	0.000	-0.006	0.030	0.944	-0.234	-0.358	-0.110	0.000	-0.234	-0.352	-0.107	0.000	0.001	-0.152	0.042	0.944	MAG(20:5)	Ester
CR	auci	id_204	-0.003	-0.014	0.006	0.418	-0.231	-0.358	-0.103	0.000	-0.234	-0.356	-0.108	0.000	0.013	-0.021	0.074	0.418	MAG(22:0)	Ester
CR	auci	id_205	0.000	-0.006	0.055	0.836	-0.234	-0.371	-0.106	0.000	-0.234	-0.356	-0.105	0.000	-0.001	-0.254	0.033	0.836	MAG(22:1)	Ester
CR	auci	id_208	0.003	-0.007	0.014	0.532	-0.237	-0.367	-0.111	0.000	-0.234	-0.363	-0.110	0.000	-0.012	-0.072	0.039	0.532	MAG(22:5)	Ester
CR	auci	id_209	0.000	-0.008	0.009	0.958	-0.234	-0.365	-0.103	0.000	-0.234	-0.363	-0.105	0.000	0.000	-0.039	0.039	0.958	MAG(22:6)	Ester
CR	auci	id_228	-0.012	-0.043	0.000	0.058	-0.222	-0.362	-0.086	0.002	-0.234	-0.376	-0.099	0.002	0.053	-0.002	0.219	0.060	PC(15:0/18	PC Ester
CR	auci	id_230	-0.007	-0.024	0.006	0.316	-0.227	-0.357	-0.092	0.002	-0.234	-0.363	-0.101	0.002	0.031	-0.033	0.153	0.318	PC(15:0/20	PC Ester
CR	auci	id_241	-0.012	-0.043	0.002	0.086	-0.223	-0.347	-0.080	0.000	-0.234	-0.358	-0.100	0.000	0.050	-0.008	0.226	0.086	PC(16:0/18	PC Ester
CR	auci	id_254	-0.001	-0.018	0.013	0.938	-0.234	-0.364	-0.100	0.000	-0.234	-0.362	-0.102	0.000	0.002	-0.065	0.095	0.938	PC(17:0/18	PC Ester
CR	auci	id_257	-0.012	-0.037	0.003	0.114	-0.222	-0.359	-0.084	0.002	-0.234	-0.365	-0.104	0.000	0.053	-0.013	0.221	0.114	PC(17:0/20	PC Ester
CR	auci	id_272	-0.012	-0.046	0.003	0.120	-0.223	-0.343	-0.092	0.000	-0.234	-0.365	-0.109	0.000	0.049	-0.013	0.219	0.120	PC(18:0/20	PC Ester
CR	auci	id_279	0.004	-0.006	0.017	0.438	-0.238	-0.370	-0.114	0.002	-0.234	-0.364	-0.113	0.002	-0.018	-0.084	0.030	0.436	PC(18:1/18	PC Ester
CR	auci	id_283	-0.019	-0.098	-0.004	0.014	-0.215	-0.347	-0.057	0.004	-0.234	-0.377	-0.107	0.000	0.081	0.013	0.524	0.014	PC(18:1/20	PC Ester
CR	auci	id_284	-0.007	-0.028	0.007	0.286	-0.227	-0.356	-0.099	0.000	-0.234	-0.363	-0.110	0.000	0.032	-0.027	0.144	0.286	PC(18:1/20	PC Ester
CR	auci	id_289	-0.007	-0.044	0.013	0.378	-0.227	-0.355	-0.100	0.002	-0.234	-0.352	-0.115	0.000	0.031	-0.048	0.238	0.378	PC(18:2/16	PC Ester
CR	auci	id_354	-0.001	-0.010	0.029	0.968	-0.234	-0.362	-0.106	0.000	-0.234	-0.353	-0.105	0.000	0.002	-0.146	0.050	0.968	PE(18:1/22	PE Ester
CR	auci	id_386	-0.013	-0.042	0.006	0.170	-0.221	-0.358	-0.085	0.002	-0.234	-0.365	-0.107	0.000	0.054	-0.021	0.262	0.170	PE(P-16:0/	PE Plasmalogen
CR	auci	id_398	-0.008	-0.037	0.010	0.310	-0.226	-0.346	-0.090	0.002	-0.234	-0.352	-0.103	0.000	0.035	-0.045	0.195	0.310	PE(P-18:0/	PE Plasmalogen
CR	auci	id_405	-0.017	-0.069	0.006	0.138	-0.217	-0.343	-0.079	0.002	-0.234	-0.353	-0.112	0.000	0.074	-0.024	0.413	0.138	PE(P-18:0/	PE Plasmalogen
CR	auci	id_414	-0.007	-0.028	0.012	0.424	-0.227	-0.362	-0.087	0.000	-0.234	-0.366	-0.099	0.000	0.032	-0.045	0.191	0.424	PE(P-18:1/	PE Plasmalogen
CR	auci	id_448	-0.013	-0.072	0.002	0.086	-0.221	-0.351	-0.070	0.002	-0.234	-0.363	-0.099	0.002	0.054	-0.007	0.366	0.088	SM(14:0)	Sphingomyelin
CR	auci	id_449	0.000	-0.013	0.012	0.952	-0.234	-0.361	-0.094	0.002	-0.234	-0.360	-0.098	0.002	0.001	-0.060	0.068	0.954	SM(16:0)	Sphingomyelin
CR	auci	id_450	-0.015	-0.071	0.000	0.056	-0.219	-0.354	-0.078	0.002	-0.234	-0.366	-0.107	0.000	0.065	-0.002	0.365	0.056	SM(18:0)	Sphingomyelin
CR	auci	id_451	-0.008	-0.046	0.011	0.388	-0.226	-0.362	-0.090	0.000	-0.234	-0.362	-0.102	0.000	0.034	-0.050	0.250	0.388	SM(18:1)	Sphingomyelin

CR	auci	id_452	-0.023	-0.102	-0.008	0.004	-0.211	-0.333	-0.064	0.000	-0.234	-0.363	-0.099	0.000	0.100	0.032	0.495	0.004	SM(20:0)	Sphingomyelin
CR	auci	id_453	-0.007	-0.048	0.012	0.400	-0.227	-0.360	-0.093	0.002	-0.234	-0.362	-0.107	0.000	0.030	-0.054	0.244	0.400	SM(20:1)	Sphingomyelin
CR	auci	id_454	-0.018	-0.096	-0.005	0.006	-0.216	-0.329	-0.063	0.000	-0.234	-0.352	-0.106	0.000	0.078	0.016	0.491	0.006	SM(22:0)	Sphingomyelin
CR	auci	id_455	-0.008	-0.056	0.003	0.148	-0.226	-0.340	-0.086	0.000	-0.234	-0.352	-0.111	0.000	0.036	-0.012	0.298	0.148	SM(22:1)	Sphingomyelin
CR	auci	id_456	-0.009	-0.039	0.003	0.124	-0.225	-0.358	-0.100	0.002	-0.234	-0.368	-0.106	0.002	0.039	-0.009	0.192	0.126	SM(24:0)	Sphingomyelin
CR	auci	id_457	-0.003	-0.016	0.008	0.568	-0.231	-0.358	-0.103	0.002	-0.234	-0.359	-0.111	0.002	0.013	-0.034	0.082	0.570	SM(24:1)	Sphingomyelin
CR	auci	id_458	-0.004	-0.029	0.005	0.372	-0.231	-0.369	-0.091	0.000	-0.234	-0.371	-0.099	0.000	0.015	-0.023	0.148	0.372	SM(26:0)	Sphingomyelin
CR	auci	id_459	0.001	-0.007	0.008	0.812	-0.235	-0.364	-0.112	0.000	-0.234	-0.363	-0.112	0.000	-0.003	-0.034	0.036	0.812	SM(26:1)	Sphingomyelin
CR	auci	id_660	-0.012	-0.138	-0.002	0.022	-0.222	-0.338	-0.050	0.010	-0.234	-0.362	-0.107	0.000	0.053	0.008	0.683	0.022	TAG51:3-F/ TAG Ester	
CR	auci	id_663	-0.010	-0.080	0.004	0.104	-0.224	-0.345	-0.085	0.000	-0.234	-0.358	-0.116	0.000	0.044	-0.012	0.404	0.104	TAG51:3-F/ TAG Ester	
CR	auci	id_667	-0.012	-0.113	-0.002	0.026	-0.222	-0.342	-0.065	0.004	-0.234	-0.360	-0.101	0.000	0.052	0.006	0.575	0.026	TAG51:4-F/ TAG Ester	
CR	auci	id_755	-0.001	-0.034	0.004	0.352	-0.233	-0.349	-0.115	0.000	-0.234	-0.352	-0.116	0.000	0.006	-0.021	0.138	0.352	TAG53:3-F/ TAG Ester	
CR	auci	id_760	-0.002	-0.040	0.003	0.276	-0.232	-0.351	-0.096	0.002	-0.234	-0.354	-0.108	0.000	0.007	-0.010	0.184	0.276	TAG53:4-F/ TAG Ester	
CR	auci	id_761	-0.003	-0.072	0.003	0.222	-0.231	-0.348	-0.072	0.000	-0.234	-0.362	-0.105	0.000	0.012	-0.009	0.361	0.222	TAG53:4-F/ TAG Ester	
CR	auci	id_765	-0.001	-0.030	0.004	0.384	-0.233	-0.354	-0.102	0.000	-0.234	-0.365	-0.106	0.000	0.006	-0.016	0.141	0.384	TAG53:5-F/ TAG Ester	
CR	auci	id_766	-0.002	-0.062	0.002	0.280	-0.232	-0.357	-0.094	0.000	-0.234	-0.363	-0.103	0.000	0.010	-0.007	0.285	0.280	TAG53:5-F/ TAG Ester	
CR	auci	id_769	0.000	-0.005	0.014	0.980	-0.234	-0.353	-0.103	0.004	-0.234	-0.350	-0.105	0.004	0.002	-0.066	0.031	0.980	TAG53:6-F/ TAG Ester	
CR	auci	id_770	-0.002	-0.038	0.004	0.370	-0.232	-0.352	-0.097	0.000	-0.234	-0.360	-0.105	0.000	0.008	-0.016	0.177	0.370	TAG53:6-F/ TAG Ester	
CR	auci	id_771	-0.001	-0.038	0.003	0.390	-0.233	-0.365	-0.095	0.000	-0.234	-0.367	-0.101	0.000	0.006	-0.014	0.169	0.390	TAG53:6-F/ TAG Ester	
CR	auci	id_773	-0.002	-0.033	0.003	0.368	-0.232	-0.364	-0.098	0.000	-0.234	-0.367	-0.101	0.000	0.010	-0.015	0.137	0.368	TAG53:7-F/ TAG Ester	
CR	auci	id_856	-0.003	-0.045	0.003	0.182	-0.231	-0.352	-0.091	0.002	-0.234	-0.359	-0.101	0.002	0.012	-0.010	0.198	0.184	TAG55:6-F/ TAG Ester	
CR	auci	id_857	-0.002	-0.025	0.012	0.452	-0.232	-0.362	-0.106	0.000	-0.234	-0.368	-0.105	0.000	0.007	-0.068	0.096	0.452	TAG55:6-F/ TAG Ester	
CR	auci	id_860	-0.008	-0.069	0.000	0.036	-0.227	-0.347	-0.082	0.000	-0.234	-0.357	-0.108	0.000	0.032	0.001	0.317	0.036	TAG55:7-F/ TAG Ester	
CR	auci	id_861	-0.002	-0.026	0.014	0.466	-0.232	-0.359	-0.102	0.002	-0.234	-0.367	-0.104	0.002	0.009	-0.075	0.111	0.464	TAG55:7-F/ TAG Ester	
CR	auci	id_862	-0.001	-0.021	0.012	0.552	-0.233	-0.360	-0.119	0.000	-0.234	-0.361	-0.119	0.000	0.006	-0.054	0.087	0.552	TAG55:7-F/ TAG Ester	
CR	auci	id_864	-0.004	-0.054	0.009	0.166	-0.230	-0.352	-0.090	0.000	-0.234	-0.362	-0.098	0.000	0.018	-0.054	0.236	0.166	TAG55:8-F/ TAG Ester	
CR	auci	id_939	-0.002	-0.009	0.036	0.682	-0.232	-0.362	-0.111	0.000	-0.234	-0.359	-0.108	0.002	0.009	-0.191	0.052	0.680	TAG57:9-F/ TAG Ester	
CR	auci	id_978	-0.008	-0.053	0.003	0.140	-0.226	-0.360	-0.084	0.000	-0.234	-0.369	-0.105	0.000	0.036	-0.010	0.278	0.140	Total CE	Cholesteryl Esters
CR	auci	id_979	-0.012	-0.068	0.002	0.080	-0.222	-0.347	-0.084	0.002	-0.234	-0.356	-0.114	0.000	0.052	-0.008	0.363	0.080	Total CER	Ceramides
CR	auci	id_981	-0.010	-0.082	-0.001	0.030	-0.224	-0.352	-0.083	0.004	-0.234	-0.370	-0.111	0.000	0.041	0.003	0.381	0.030	Total DCER	Dihydroceramides
CR	auci	id_982	0.000	-0.012	0.011	0.998	-0.235	-0.366	-0.109	0.000	-0.234	-0.364	-0.111	0.000	-0.002	-0.051	0.057	0.998	Total HCER	Hexosylceramides

CR	auci	id_983	-0.002	-0.028	0.009	0.742	-0.232	-0.358	-0.110	0.002	-0.234	-0.365	-0.117	0.000	0.011	-0.040	0.115	0.742	Total LCER	Lactosylceramides
CR	auci	id_987	-0.014	-0.063	-0.002	0.032	-0.220	-0.343	-0.079	0.000	-0.234	-0.356	-0.103	0.000	0.060	0.006	0.325	0.032	Total PC	Phosphatidylcholines
CR	auci	id_990	-0.007	-0.049	0.002	0.136	-0.227	-0.339	-0.089	0.002	-0.234	-0.347	-0.107	0.000	0.030	-0.008	0.259	0.136	Total SM	Sphingomyelins
CR	auci	id_039	0.000	-0.008	0.006	0.998	-0.234	-0.361	-0.109	0.000	-0.234	-0.361	-0.111	0.000	-0.001	-0.028	0.043	0.998	CE(22:1)	CE Ester
CR	auci	id_060	0.011	-0.043	0.036	0.680	-0.246	-0.366	-0.105	0.000	-0.234	-0.363	-0.111	0.002	-0.049	-0.204	0.195	0.682	DAG(12:0/1)	DAG Ester
CR	auci	id_071	0.011	-0.032	0.042	0.614	-0.245	-0.370	-0.118	0.000	-0.234	-0.357	-0.108	0.000	-0.047	-0.203	0.144	0.614	DAG(14:1/1)	DAG Ester
CR	auci	id_072	-0.001	-0.009	0.009	0.938	-0.233	-0.357	-0.109	0.000	-0.234	-0.358	-0.108	0.000	0.003	-0.039	0.047	0.938	DAG(14:1/1)	DAG Ester
CR	auci	id_150	-0.022	-0.059	0.003	0.078	-0.212	-0.340	-0.088	0.002	-0.234	-0.367	-0.109	0.000	0.093	-0.011	0.282	0.078	LCER(24:1)	Lactosylceramide
CR	auci	id_151	0.001	-0.010	0.016	0.888	-0.235	-0.366	-0.102	0.002	-0.234	-0.365	-0.105	0.002	-0.003	-0.079	0.050	0.886	LCER(26:0)	Lactosylceramide
CR	auci	id_160	0.002	-0.014	0.010	0.718	-0.236	-0.364	-0.101	0.000	-0.234	-0.366	-0.100	0.002	-0.009	-0.050	0.069	0.720	LPC(18:2)	LPC Ester
CR	auci	id_196	-0.010	-0.046	0.001	0.076	-0.224	-0.350	-0.101	0.000	-0.234	-0.364	-0.114	0.000	0.045	-0.005	0.212	0.076	MAG(18:3)	Ester
CR	auci	id_199	-0.007	-0.028	0.022	0.500	-0.227	-0.354	-0.104	0.000	-0.234	-0.362	-0.112	0.000	0.031	-0.106	0.149	0.500	MAG(20:1)	Ester
CR	auci	id_200	-0.004	-0.020	0.017	0.642	-0.230	-0.354	-0.100	0.000	-0.234	-0.360	-0.102	0.000	0.017	-0.076	0.100	0.642	MAG(20:2)	Ester
CR	auci	id_201	-0.007	-0.026	0.006	0.276	-0.227	-0.360	-0.102	0.000	-0.234	-0.363	-0.107	0.000	0.032	-0.028	0.124	0.276	MAG(20:3)	Ester
CR	auci	id_251	0.001	-0.006	0.013	0.768	-0.235	-0.357	-0.112	0.000	-0.234	-0.350	-0.110	0.000	-0.004	-0.061	0.036	0.768	PC(16:0/22)	PC Ester
CR	auci	id_288	0.007	-0.009	0.021	0.344	-0.241	-0.371	-0.118	0.000	-0.234	-0.364	-0.111	0.000	-0.028	-0.118	0.039	0.344	PC(18:1/22)	PC Ester
CR	auci	id_293	0.005	-0.008	0.024	0.452	-0.240	-0.367	-0.103	0.000	-0.234	-0.358	-0.099	0.000	-0.023	-0.120	0.047	0.452	PC(18:2/20)	PC Ester
CR	auci	id_298	0.010	-0.006	0.029	0.166	-0.245	-0.376	-0.114	0.002	-0.234	-0.363	-0.105	0.002	-0.045	-0.164	0.023	0.164	PC(18:2/22)	PC Ester
CR	auci	id_332	-0.009	-0.025	0.006	0.256	-0.225	-0.360	-0.092	0.000	-0.234	-0.363	-0.105	0.000	0.037	-0.025	0.138	0.256	PE(18:0/18)	PE Ester
CR	auci	id_359	-0.009	-0.028	0.007	0.252	-0.225	-0.355	-0.101	0.000	-0.234	-0.361	-0.110	0.000	0.039	-0.030	0.157	0.252	PE(18:2/16)	PE Ester
CR	auci	id_366	-0.011	-0.034	0.015	0.442	-0.223	-0.353	-0.081	0.000	-0.234	-0.355	-0.099	0.002	0.046	-0.067	0.209	0.440	PE(O-16:0/)	PE Ether
CR	auci	id_368	-0.013	-0.037	0.008	0.264	-0.221	-0.349	-0.098	0.002	-0.234	-0.362	-0.113	0.002	0.056	-0.039	0.199	0.266	PE(O-16:0/)	PE Ether
CR	auci	id_372	-0.001	-0.010	0.012	0.986	-0.233	-0.363	-0.106	0.000	-0.234	-0.363	-0.104	0.000	0.004	-0.059	0.057	0.986	PE(O-16:0/)	PE Ether
CR	auci	id_378	-0.016	-0.039	0.012	0.300	-0.219	-0.357	-0.079	0.000	-0.234	-0.361	-0.095	0.000	0.067	-0.054	0.251	0.300	PE(O-18:0/)	PE Ether
CR	auci	id_381	-0.006	-0.036	0.019	0.606	-0.228	-0.368	-0.090	0.002	-0.234	-0.364	-0.107	0.002	0.024	-0.078	0.208	0.608	PE(O-18:0/)	PE Ether
CR	auci	id_382	0.000	-0.007	0.010	0.912	-0.234	-0.368	-0.100	0.000	-0.234	-0.363	-0.098	0.000	0.001	-0.058	0.036	0.912	PE(O-18:0/)	PE Ether
CR	auci	id_387	-0.010	-0.043	0.011	0.292	-0.224	-0.362	-0.089	0.002	-0.234	-0.362	-0.108	0.000	0.045	-0.045	0.248	0.292	PE(P-16:0/)	PE Plasmalogen
CR	auci	id_392	-0.027	-0.073	-0.002	0.034	-0.207	-0.352	-0.082	0.006	-0.234	-0.373	-0.114	0.000	0.115	0.006	0.365	0.034	PE(P-16:0/)	PE Plasmalogen
CR	auci	id_395	-0.023	-0.079	-0.001	0.040	-0.211	-0.336	-0.069	0.004	-0.234	-0.357	-0.106	0.000	0.099	0.002	0.423	0.040	PE(P-16:0/)	PE Plasmalogen
CR	auci	id_396	-0.006	-0.020	0.011	0.522	-0.229	-0.361	-0.103	0.000	-0.234	-0.365	-0.109	0.000	0.024	-0.062	0.108	0.522	PE(P-16:0/)	PE Plasmalogen
CR	auci	id_401	-0.011	-0.039	0.009	0.260	-0.223	-0.355	-0.090	0.000	-0.234	-0.355	-0.108	0.000	0.048	-0.039	0.230	0.260	PE(P-18:0/)	PE Plasmalogen

CR	auci	id_402	-0.003	-0.028	0.022	0.864	-0.231	-0.372	-0.100	0.002	-0.234	-0.365	-0.110	0.002	0.012	-0.094	0.164	0.866	PE(P-18:0/: PE Plasmalogen
CR	auci	id_406	-0.015	-0.040	0.008	0.242	-0.220	-0.342	-0.088	0.000	-0.234	-0.352	-0.104	0.000	0.062	-0.027	0.252	0.242	PE(P-18:0/: PE Plasmalogen
CR	auci	id_409	-0.010	-0.053	0.017	0.438	-0.224	-0.365	-0.072	0.002	-0.234	-0.363	-0.098	0.000	0.043	-0.065	0.306	0.438	PE(P-18:0/: PE Plasmalogen
CR	auci	id_410	0.000	-0.008	0.016	0.914	-0.234	-0.365	-0.090	0.000	-0.234	-0.361	-0.091	0.000	0.001	-0.071	0.039	0.914	PE(P-18:0/: PE Plasmalogen
CR	auci	id_411	-0.010	-0.037	0.004	0.180	-0.224	-0.349	-0.101	0.000	-0.234	-0.354	-0.115	0.000	0.043	-0.017	0.180	0.180	PE(P-18:1/: PE Plasmalogen
CR	auci	id_415	-0.011	-0.046	0.015	0.392	-0.224	-0.364	-0.082	0.004	-0.234	-0.371	-0.099	0.000	0.045	-0.068	0.249	0.392	PE(P-18:1/: PE Plasmalogen
CR	auci	id_419	-0.024	-0.053	-0.001	0.040	-0.210	-0.349	-0.081	0.004	-0.234	-0.367	-0.108	0.002	0.103	0.003	0.310	0.042	PE(P-18:1/: PE Plasmalogen
CR	auci	id_421	-0.010	-0.039	0.009	0.286	-0.225	-0.351	-0.087	0.000	-0.234	-0.359	-0.096	0.000	0.041	-0.039	0.211	0.286	PE(P-18:1/: PE Plasmalogen
CR	auci	id_422	-0.013	-0.055	0.009	0.224	-0.221	-0.348	-0.089	0.000	-0.234	-0.357	-0.112	0.000	0.057	-0.035	0.295	0.224	PE(P-18:1/: PE Plasmalogen
CR	auci	id_423	-0.003	-0.017	0.011	0.680	-0.231	-0.357	-0.095	0.000	-0.234	-0.357	-0.097	0.000	0.014	-0.051	0.108	0.680	PE(P-18:1/: PE Plasmalogen
CR	auci	id_424	-0.005	-0.025	0.013	0.588	-0.229	-0.361	-0.101	0.002	-0.234	-0.362	-0.110	0.002	0.021	-0.057	0.139	0.590	PE(P-18:2/: PE Plasmalogen
CR	auci	id_425	-0.005	-0.023	0.012	0.560	-0.229	-0.363	-0.105	0.000	-0.234	-0.365	-0.106	0.000	0.023	-0.061	0.126	0.560	PE(P-18:2/: PE Plasmalogen
AL	auci	id_023	-0.029	-0.095	0.025	0.282	0.137	-0.074	0.343	0.228	0.108	-0.112	0.325	0.340	-0.270	-2.959	2.344	0.578	CE(15:0) CE Ester
AL	auci	id_024	-0.015	-0.123	0.081	0.726	0.123	-0.085	0.335	0.278	0.108	-0.128	0.335	0.378	-0.142	-3.833	3.939	0.996	CE(16:0) CE Ester
AL	auci	id_026	-0.027	-0.120	0.058	0.516	0.135	-0.061	0.341	0.186	0.108	-0.104	0.323	0.298	-0.250	-3.503	4.643	0.742	CE(17:0) CE Ester
AL	auci	id_027	-0.029	-0.129	0.065	0.524	0.137	-0.066	0.348	0.206	0.108	-0.126	0.343	0.354	-0.274	-5.912	4.270	0.810	CE(18:0) CE Ester
AL	auci	id_028	-0.027	-0.131	0.059	0.560	0.135	-0.054	0.349	0.166	0.108	-0.107	0.342	0.300	-0.255	-5.427	3.712	0.812	CE(18:1) CE Ester
AL	auci	id_029	-0.021	-0.129	0.073	0.696	0.129	-0.070	0.339	0.204	0.108	-0.118	0.331	0.346	-0.198	-7.824	4.140	0.946	CE(18:2) CE Ester
AL	auci	id_033	-0.036	-0.095	0.009	0.114	0.144	-0.083	0.359	0.210	0.108	-0.125	0.319	0.390	-0.335	-3.080	4.671	0.496	CE(20:1) CE Ester
AL	auci	id_034	-0.022	-0.123	0.070	0.646	0.130	-0.074	0.338	0.202	0.108	-0.108	0.333	0.354	-0.206	-3.160	4.136	0.900	CE(20:2) CE Ester
AL	auci	id_035	-0.012	-0.123	0.093	0.764	0.120	-0.055	0.312	0.206	0.108	-0.107	0.319	0.300	-0.113	-3.613	4.336	0.996	CE(20:3) CE Ester
AL	auci	id_036	0.011	-0.086	0.119	0.818	0.096	-0.104	0.290	0.336	0.108	-0.122	0.323	0.344	0.105	-3.203	2.872	0.706	CE(20:4) CE Ester
AL	auci	id_041	-0.004	-0.078	0.072	0.878	0.111	-0.108	0.302	0.324	0.108	-0.119	0.316	0.380	-0.034	-2.735	2.198	0.958	CE(22:4) CE Ester
AL	auci	id_042	0.022	-0.056	0.107	0.546	0.085	-0.125	0.278	0.400	0.108	-0.107	0.324	0.316	0.207	-1.712	2.605	0.586	CE(22:5) CE Ester
AL	auci	id_043	0.008	-0.030	0.055	0.628	0.099	-0.118	0.313	0.404	0.108	-0.115	0.325	0.348	0.076	-1.321	1.445	0.688	CE(22:6) CE Ester
AL	auci	id_044	-0.013	-0.050	0.020	0.336	0.121	-0.109	0.336	0.306	0.108	-0.132	0.314	0.344	-0.124	-1.519	0.881	0.588	CE(24:0) CE Ester
AL	auci	id_045	-0.027	-0.068	0.003	0.080	0.134	-0.081	0.354	0.214	0.108	-0.102	0.322	0.330	-0.249	-2.098	3.146	0.398	CE(24:1) CE Ester
AL	auci	id_046	-0.007	-0.091	0.060	0.796	0.114	-0.096	0.330	0.260	0.108	-0.127	0.324	0.338	-0.062	-3.146	2.886	0.998	CER(14:0) Ceramide
AL	auci	id_047	0.010	-0.088	0.115	0.862	0.098	-0.116	0.303	0.340	0.108	-0.120	0.328	0.346	0.090	-2.831	2.927	0.736	CER(16:0) Ceramide
AL	auci	id_048	0.020	-0.099	0.134	0.712	0.087	-0.103	0.284	0.342	0.108	-0.109	0.322	0.318	0.190	-2.543	4.632	0.566	CER(18:0) Ceramide
AL	auci	id_049	-0.009	-0.093	0.058	0.780	0.117	-0.077	0.330	0.264	0.108	-0.101	0.341	0.336	-0.083	-2.734	2.431	0.992	CER(18:1) Ceramide

AL	auci	id_050	0.024	-0.076	0.135	0.680	0.084	-0.106	0.261	0.378	0.108	-0.114	0.313	0.342	0.221	-4.193	2.980	0.570	CER(20:0)	Ceramide
AL	auci	id_051	-0.024	-0.094	0.040	0.510	0.131	-0.086	0.350	0.216	0.108	-0.115	0.333	0.340	-0.221	-2.278	2.875	0.762	CER(20:1)	Ceramide
AL	auci	id_052	0.020	-0.104	0.153	0.770	0.087	-0.102	0.275	0.386	0.108	-0.122	0.325	0.334	0.188	-3.087	3.813	0.652	CER(22:0)	Ceramide
AL	auci	id_053	-0.028	-0.146	0.094	0.694	0.136	-0.052	0.318	0.156	0.108	-0.102	0.328	0.334	-0.259	-5.081	5.651	0.984	CER(22:1)	Ceramide
AL	auci	id_054	-0.004	-0.107	0.125	0.946	0.112	-0.083	0.295	0.238	0.108	-0.098	0.329	0.326	-0.036	-3.947	3.123	0.876	CER(24:0)	Ceramide
AL	auci	id_055	0.015	-0.075	0.111	0.752	0.092	-0.111	0.300	0.384	0.108	-0.114	0.329	0.364	0.142	-2.931	2.325	0.696	CER(24:1)	Ceramide
AL	auci	id_057	-0.016	-0.088	0.052	0.604	0.124	-0.083	0.338	0.220	0.108	-0.096	0.331	0.312	-0.152	-2.626	3.318	0.804	CER(26:1)	Ceramide
AL	auci	id_116	0.003	-0.073	0.034	0.978	0.105	-0.102	0.338	0.300	0.108	-0.112	0.318	0.330	0.024	-1.512	1.428	0.904	DCER(14:0)	Dihydroceramide
AL	auci	id_117	0.017	-0.084	0.117	0.760	0.090	-0.104	0.285	0.364	0.108	-0.104	0.325	0.360	0.161	-4.312	3.339	0.660	DCER(16:0)	Dihydroceramide
AL	auci	id_118	-0.007	-0.083	0.076	0.870	0.114	-0.083	0.309	0.262	0.108	-0.110	0.325	0.330	-0.061	-2.179	2.395	0.940	DCER(18:0)	Dihydroceramide
AL	auci	id_119	0.014	-0.048	0.085	0.644	0.094	-0.125	0.296	0.416	0.108	-0.114	0.311	0.376	0.131	-1.681	1.795	0.688	DCER(18:1)	Dihydroceramide
AL	auci	id_120	-0.002	-0.075	0.095	0.970	0.109	-0.088	0.326	0.260	0.108	-0.091	0.340	0.282	-0.015	-2.382	2.183	0.924	DCER(20:0)	Dihydroceramide
AL	auci	id_121	0.001	-0.057	0.040	0.992	0.107	-0.086	0.320	0.310	0.108	-0.097	0.321	0.340	0.006	-2.044	1.357	0.912	DCER(20:1)	Dihydroceramide
AL	auci	id_122	-0.003	-0.113	0.119	0.924	0.111	-0.079	0.318	0.236	0.108	-0.113	0.342	0.328	-0.029	-3.496	2.956	0.856	DCER(22:0)	Dihydroceramide
AL	auci	id_123	0.010	-0.064	0.074	0.754	0.098	-0.113	0.313	0.352	0.108	-0.115	0.319	0.344	0.092	-2.210	4.481	0.686	DCER(22:1)	Dihydroceramide
AL	auci	id_124	-0.008	-0.098	0.077	0.882	0.116	-0.071	0.320	0.282	0.108	-0.099	0.325	0.356	-0.079	-3.202	3.100	0.910	DCER(22:2)	Dihydroceramide
AL	auci	id_125	-0.008	-0.103	0.110	0.854	0.116	-0.081	0.304	0.238	0.108	-0.109	0.320	0.290	-0.076	-3.344	3.427	0.964	DCER(24:0)	Dihydroceramide
AL	auci	id_126	-0.011	-0.087	0.054	0.772	0.118	-0.100	0.344	0.268	0.108	-0.117	0.338	0.330	-0.100	-3.668	2.660	0.990	DCER(24:1)	Dihydroceramide
AL	auci	id_128	-0.001	-0.028	0.028	0.994	0.109	-0.123	0.341	0.340	0.108	-0.113	0.331	0.336	-0.008	-0.551	0.547	0.978	DCER(26:1)	Dihydroceramide
AL	auci	id_129	0.002	-0.029	0.026	0.960	0.105	-0.116	0.323	0.314	0.108	-0.115	0.321	0.310	0.021	-0.711	0.670	0.958	HCER(14:0)	Hexosylceramide
AL	auci	id_130	-0.002	-0.039	0.021	0.832	0.110	-0.120	0.345	0.306	0.108	-0.122	0.342	0.326	-0.018	-0.715	0.780	0.882	HCER(16:0)	Hexosylceramide
AL	auci	id_131	-0.001	-0.033	0.030	0.994	0.108	-0.118	0.345	0.338	0.108	-0.109	0.342	0.360	-0.005	-0.816	0.808	0.974	HCER(18:0)	Hexosylceramide
AL	auci	id_132	-0.015	-0.078	0.031	0.504	0.123	-0.096	0.346	0.258	0.108	-0.115	0.336	0.324	-0.143	-2.675	1.468	0.716	HCER(18:1)	Hexosylceramide
AL	auci	id_133	0.007	-0.023	0.040	0.694	0.101	-0.105	0.312	0.386	0.108	-0.093	0.311	0.346	0.063	-0.875	1.158	0.792	HCER(20:0)	Hexosylceramide
AL	auci	id_134	-0.013	-0.068	0.028	0.562	0.121	-0.089	0.366	0.270	0.108	-0.101	0.349	0.338	-0.123	-2.008	2.544	0.796	HCER(20:1)	Hexosylceramide
AL	auci	id_135	-0.005	-0.039	0.022	0.720	0.113	-0.116	0.326	0.302	0.108	-0.126	0.325	0.342	-0.046	-1.198	1.071	0.818	HCER(22:0)	Hexosylceramide
AL	auci	id_136	-0.006	-0.049	0.014	0.620	0.114	-0.094	0.330	0.260	0.108	-0.098	0.316	0.302	-0.060	-1.293	0.832	0.782	HCER(22:1)	Hexosylceramide
AL	auci	id_137	-0.012	-0.057	0.015	0.452	0.119	-0.117	0.326	0.324	0.108	-0.121	0.317	0.374	-0.109	-1.341	1.103	0.670	HCER(24:0)	Hexosylceramide
AL	auci	id_138	0.000	-0.020	0.027	0.946	0.107	-0.109	0.309	0.342	0.108	-0.107	0.310	0.334	0.004	-0.653	0.640	0.992	HCER(24:1)	Hexosylceramide
AL	auci	id_139	0.012	-0.059	0.099	0.726	0.096	-0.104	0.297	0.358	0.108	-0.113	0.334	0.300	0.112	-2.220	2.292	0.642	HCER(26:0)	Hexosylceramide
AL	auci	id_141	0.006	-0.037	0.040	0.868	0.102	-0.110	0.350	0.324	0.108	-0.110	0.344	0.320	0.051	-0.757	1.013	0.900	LCER(14:0)	Lactosylceramide

AL	auci	id_142	0.003	-0.041	0.056	0.868	0.105	-0.112	0.330	0.354	0.108	-0.112	0.336	0.352	0.024	-1.686	1.362	0.856	LCER(16:0)	Lactosylceramide
AL	auci	id_144	0.002	-0.026	0.032	0.954	0.106	-0.126	0.332	0.362	0.108	-0.120	0.332	0.366	0.019	-0.983	0.788	0.976	LCER(18:1)	Lactosylceramide
AL	auci	id_145	-0.001	-0.046	0.044	0.976	0.109	-0.111	0.327	0.298	0.108	-0.111	0.320	0.292	-0.010	-1.024	0.991	0.976	LCER(20:0)	Lactosylceramide
AL	auci	id_146	0.007	-0.042	0.057	0.702	0.101	-0.132	0.328	0.388	0.108	-0.124	0.340	0.364	0.066	-1.570	1.669	0.702	LCER(20:1)	Lactosylceramide
AL	auci	id_147	-0.001	-0.041	0.030	0.940	0.109	-0.098	0.347	0.296	0.108	-0.099	0.341	0.306	-0.009	-1.245	0.772	0.946	LCER(22:0)	Lactosylceramide
AL	auci	id_148	0.000	-0.026	0.027	0.912	0.107	-0.120	0.329	0.360	0.108	-0.114	0.327	0.338	0.004	-0.520	0.790	0.970	LCER(22:1)	Lactosylceramide
AL	auci	id_149	0.013	-0.022	0.063	0.542	0.095	-0.116	0.314	0.348	0.108	-0.106	0.321	0.298	0.117	-1.036	1.343	0.644	LCER(24:0)	Lactosylceramide
AL	auci	id_152	-0.003	-0.038	0.031	0.848	0.110	-0.112	0.338	0.328	0.108	-0.117	0.329	0.328	-0.025	-0.973	0.755	0.884	LCER(26:1)	Lactosylceramide
AL	auci	id_154	0.007	-0.019	0.061	0.610	0.100	-0.115	0.331	0.366	0.108	-0.106	0.339	0.332	0.069	-0.876	1.000	0.702	LPC(15:0)	LPC Ester
AL	auci	id_157	0.002	-0.054	0.046	0.954	0.106	-0.108	0.311	0.326	0.108	-0.112	0.318	0.336	0.018	-1.311	2.233	0.866	LPC(17:0)	LPC Ester
AL	auci	id_170	0.001	-0.022	0.030	0.884	0.106	-0.097	0.325	0.358	0.108	-0.088	0.323	0.354	0.011	-0.698	0.875	0.938	LPC(22:6)	LPC Ester
AL	auci	id_181	-0.001	-0.029	0.021	0.910	0.109	-0.099	0.334	0.308	0.108	-0.109	0.329	0.318	-0.013	-0.577	0.562	0.960	LPE(20:4)	LPE Ester
AL	auci	id_186	-0.001	-0.024	0.026	1.000	0.108	-0.117	0.334	0.358	0.108	-0.117	0.331	0.352	-0.005	-0.501	0.839	0.984	MAG(12:0)	Ester
AL	auci	id_188	0.016	-0.027	0.069	0.474	0.091	-0.128	0.334	0.402	0.108	-0.114	0.355	0.334	0.151	-1.707	1.593	0.656	MAG(14:1)	Ester
AL	auci	id_189	-0.001	-0.027	0.020	0.814	0.109	-0.118	0.311	0.370	0.108	-0.120	0.311	0.372	-0.014	-0.606	0.564	0.890	MAG(15:0)	Ester
AL	auci	id_195	0.007	-0.048	0.059	0.756	0.101	-0.102	0.315	0.342	0.108	-0.103	0.325	0.350	0.062	-1.042	1.711	0.742	MAG(18:2)	Ester
AL	auci	id_203	0.002	-0.019	0.032	0.764	0.106	-0.125	0.321	0.360	0.108	-0.113	0.325	0.352	0.015	-0.731	0.715	0.892	MAG(20:5)	Ester
AL	auci	id_204	-0.001	-0.032	0.035	0.990	0.108	-0.104	0.356	0.324	0.108	-0.107	0.346	0.316	-0.005	-0.979	0.710	0.970	MAG(22:0)	Ester
AL	auci	id_205	-0.002	-0.048	0.042	0.900	0.110	-0.100	0.319	0.298	0.108	-0.099	0.321	0.316	-0.021	-0.958	1.074	0.980	MAG(22:1)	Ester
AL	auci	id_208	0.001	-0.022	0.023	0.998	0.106	-0.104	0.333	0.348	0.108	-0.104	0.331	0.348	0.013	-0.625	0.863	0.990	MAG(22:5)	Ester
AL	auci	id_209	0.006	-0.033	0.051	0.772	0.101	-0.111	0.322	0.324	0.108	-0.108	0.325	0.306	0.059	-0.973	0.999	0.826	MAG(22:6)	Ester
AL	auci	id_228	0.001	-0.023	0.029	0.906	0.106	-0.107	0.337	0.370	0.108	-0.110	0.339	0.358	0.011	-0.434	0.716	0.936	PC(15:0/18	PC Ester
AL	auci	id_230	-0.018	-0.074	0.030	0.422	0.126	-0.087	0.355	0.240	0.108	-0.098	0.324	0.318	-0.170	-3.299	2.970	0.668	PC(15:0/20	PC Ester
AL	auci	id_241	-0.007	-0.060	0.046	0.762	0.115	-0.097	0.327	0.280	0.108	-0.105	0.319	0.318	-0.067	-1.617	1.297	0.908	PC(16:0/18	PC Ester
AL	auci	id_254	0.000	-0.029	0.022	0.960	0.108	-0.109	0.330	0.338	0.108	-0.110	0.328	0.338	-0.001	-0.783	0.827	0.954	PC(17:0/18	PC Ester
AL	auci	id_257	0.004	-0.040	0.049	0.884	0.104	-0.103	0.325	0.354	0.108	-0.105	0.338	0.342	0.034	-1.635	1.392	0.850	PC(17:0/20	PC Ester
AL	auci	id_272	0.016	-0.077	0.114	0.700	0.091	-0.106	0.306	0.340	0.108	-0.108	0.344	0.308	0.153	-2.172	2.836	0.604	PC(18:0/20	PC Ester
AL	auci	id_279	0.000	-0.036	0.021	0.840	0.108	-0.101	0.327	0.298	0.108	-0.103	0.327	0.314	-0.003	-0.879	0.795	0.902	PC(18:1/18	PC Ester
AL	auci	id_283	-0.033	-0.112	0.014	0.178	0.141	-0.073	0.355	0.180	0.108	-0.111	0.348	0.316	-0.309	-2.850	2.610	0.478	PC(18:1/20	PC Ester
AL	auci	id_284	-0.008	-0.082	0.048	0.810	0.116	-0.102	0.321	0.282	0.108	-0.119	0.326	0.342	-0.075	-1.968	2.504	0.984	PC(18:1/20	PC Ester
AL	auci	id_289	-0.012	-0.049	0.027	0.582	0.119	-0.094	0.323	0.286	0.108	-0.113	0.320	0.330	-0.108	-1.647	1.245	0.740	PC(18:2/16	PC Ester

AL	auci	id_354	-0.003	-0.034	0.024	0.818	0.110	-0.105	0.345	0.332	0.108	-0.106	0.336	0.336	-0.024	-0.769	0.834	0.866	PE(18:1/22	PE Ester
AL	auci	id_386	-0.009	-0.097	0.090	0.860	0.117	-0.081	0.333	0.250	0.108	-0.104	0.332	0.314	-0.086	-3.461	2.995	0.930	PE(P-16:0/:	PE Plasmalogen
AL	auci	id_398	0.013	-0.061	0.075	0.752	0.095	-0.112	0.301	0.354	0.108	-0.115	0.326	0.320	0.118	-1.843	2.776	0.736	PE(P-18:0/:	PE Plasmalogen
AL	auci	id_405	0.017	-0.050	0.105	0.662	0.091	-0.115	0.320	0.406	0.108	-0.102	0.342	0.316	0.153	-1.364	2.443	0.666	PE(P-18:0/:	PE Plasmalogen
AL	auci	id_414	-0.008	-0.089	0.071	0.826	0.116	-0.096	0.311	0.258	0.108	-0.106	0.327	0.310	-0.073	-2.929	3.668	0.968	PE(P-18:1/:	PE Plasmalogen
AL	auci	id_448	0.021	-0.069	0.109	0.624	0.087	-0.115	0.288	0.438	0.108	-0.129	0.324	0.364	0.196	-2.616	3.449	0.560	SM(14:0)	Sphingomyelin
AL	auci	id_449	0.013	-0.063	0.085	0.768	0.095	-0.116	0.308	0.398	0.108	-0.119	0.343	0.362	0.120	-2.315	2.759	0.714	SM(16:0)	Sphingomyelin
AL	auci	id_450	0.014	-0.064	0.092	0.734	0.093	-0.104	0.309	0.384	0.108	-0.097	0.344	0.342	0.133	-3.579	4.710	0.648	SM(18:0)	Sphingomyelin
AL	auci	id_451	0.011	-0.077	0.097	0.750	0.096	-0.127	0.310	0.400	0.108	-0.121	0.334	0.350	0.105	-3.710	2.744	0.696	SM(18:1)	Sphingomyelin
AL	auci	id_452	0.001	-0.059	0.077	0.978	0.107	-0.116	0.301	0.340	0.108	-0.113	0.316	0.384	0.005	-1.884	2.885	0.886	SM(20:0)	Sphingomyelin
AL	auci	id_453	-0.003	-0.082	0.081	0.980	0.111	-0.091	0.329	0.278	0.108	-0.111	0.345	0.312	-0.027	-3.283	3.010	0.904	SM(20:1)	Sphingomyelin
AL	auci	id_454	0.010	-0.067	0.093	0.820	0.098	-0.087	0.315	0.358	0.108	-0.099	0.333	0.324	0.092	-2.803	2.740	0.724	SM(22:0)	Sphingomyelin
AL	auci	id_455	0.010	-0.083	0.112	0.804	0.098	-0.112	0.299	0.342	0.108	-0.113	0.331	0.310	0.091	-2.296	4.014	0.694	SM(22:1)	Sphingomyelin
AL	auci	id_456	-0.030	-0.137	0.075	0.558	0.138	-0.057	0.337	0.162	0.108	-0.105	0.316	0.328	-0.279	-4.592	5.632	0.830	SM(24:0)	Sphingomyelin
AL	auci	id_457	-0.010	-0.078	0.060	0.762	0.118	-0.113	0.352	0.318	0.108	-0.129	0.344	0.400	-0.095	-3.524	4.667	0.938	SM(24:1)	Sphingomyelin
AL	auci	id_458	-0.015	-0.070	0.040	0.622	0.123	-0.090	0.356	0.288	0.108	-0.113	0.348	0.356	-0.138	-2.197	2.037	0.846	SM(26:0)	Sphingomyelin
AL	auci	id_459	-0.003	-0.045	0.031	0.822	0.111	-0.118	0.325	0.350	0.108	-0.125	0.321	0.370	-0.031	-1.233	0.844	0.940	SM(26:1)	Sphingomyelin
AL	auci	id_660	0.003	-0.093	0.109	0.934	0.105	-0.089	0.311	0.274	0.108	-0.111	0.334	0.330	0.027	-2.914	4.421	0.760	TAG51:3-F/	TAG Ester
AL	auci	id_663	-0.002	-0.066	0.056	0.880	0.110	-0.097	0.340	0.298	0.108	-0.120	0.338	0.342	-0.022	-2.942	2.089	0.994	TAG51:3-F/	TAG Ester
AL	auci	id_667	0.015	-0.074	0.119	0.780	0.093	-0.116	0.293	0.388	0.108	-0.122	0.329	0.368	0.138	-3.567	3.642	0.660	TAG51:4-F/	TAG Ester
AL	auci	id_755	0.078	0.011	0.171	0.020	0.030	-0.182	0.246	0.768	0.108	-0.111	0.340	0.326	0.724	-5.792	5.674	0.322	TAG53:3-F/	TAG Ester
AL	auci	id_760	0.024	-0.053	0.106	0.500	0.084	-0.110	0.302	0.364	0.108	-0.107	0.335	0.316	0.221	-1.858	2.778	0.532	TAG53:4-F/	TAG Ester
AL	auci	id_761	0.003	-0.064	0.068	0.886	0.104	-0.108	0.328	0.350	0.108	-0.109	0.341	0.358	0.032	-2.529	3.053	0.776	TAG53:4-F/	TAG Ester
AL	auci	id_765	0.030	-0.044	0.116	0.396	0.078	-0.112	0.288	0.464	0.108	-0.101	0.326	0.338	0.280	-3.015	2.185	0.518	TAG53:5-F/	TAG Ester
AL	auci	id_766	0.009	-0.044	0.087	0.758	0.098	-0.119	0.317	0.412	0.108	-0.100	0.335	0.342	0.087	-2.190	2.973	0.724	TAG53:5-F/	TAG Ester
AL	auci	id_769	0.034	-0.023	0.106	0.234	0.074	-0.145	0.272	0.498	0.108	-0.111	0.313	0.340	0.315	-2.174	2.974	0.462	TAG53:6-F/	TAG Ester
AL	auci	id_770	0.003	-0.062	0.094	0.942	0.105	-0.123	0.311	0.368	0.108	-0.120	0.317	0.362	0.023	-2.847	2.945	0.856	TAG53:6-F/	TAG Ester
AL	auci	id_771	0.005	-0.067	0.091	0.934	0.102	-0.106	0.313	0.340	0.108	-0.110	0.327	0.342	0.049	-2.495	2.887	0.824	TAG53:6-F/	TAG Ester
AL	auci	id_773	0.000	-0.060	0.050	0.972	0.107	-0.113	0.317	0.324	0.108	-0.118	0.318	0.332	0.002	-1.614	2.408	0.992	TAG53:7-F/	TAG Ester
AL	auci	id_856	0.007	-0.079	0.086	0.878	0.101	-0.095	0.311	0.362	0.108	-0.120	0.323	0.344	0.066	-2.709	2.833	0.742	TAG55:6-F/	TAG Ester
AL	auci	id_857	0.018	-0.027	0.079	0.470	0.089	-0.118	0.301	0.428	0.108	-0.096	0.320	0.332	0.170	-1.768	1.643	0.614	TAG55:6-F/	TAG Ester

AL	auci	id_860	0.011	-0.087	0.078	0.698	0.096	-0.137	0.299	0.340	0.108	-0.129	0.323	0.332	0.106	-2.884	2.598	0.682	TAG55:7-F/ TAG Ester
AL	auci	id_861	0.012	-0.020	0.063	0.438	0.095	-0.125	0.316	0.382	0.108	-0.118	0.328	0.316	0.114	-1.785	1.473	0.566	TAG55:7-F/ TAG Ester
AL	auci	id_862	-0.009	-0.063	0.048	0.764	0.116	-0.086	0.312	0.300	0.108	-0.104	0.305	0.346	-0.079	-1.678	1.554	0.950	TAG55:7-F/ TAG Ester
AL	auci	id_864	0.007	-0.047	0.072	0.840	0.101	-0.112	0.301	0.348	0.108	-0.111	0.337	0.336	0.064	-1.558	2.685	0.756	TAG55:8-F/ TAG Ester
AL	auci	id_939	0.010	-0.028	0.056	0.608	0.098	-0.109	0.324	0.366	0.108	-0.105	0.327	0.324	0.089	-1.543	1.352	0.704	TAG57:9-F/ TAG Ester
AL	auci	id_978	-0.029	-0.148	0.097	0.648	0.137	-0.051	0.335	0.172	0.108	-0.107	0.344	0.362	-0.268	-6.689	8.237	0.934	Total CE Cholesteryl Esters
AL	auci	id_979	0.005	-0.117	0.128	0.956	0.102	-0.084	0.294	0.282	0.108	-0.118	0.324	0.328	0.051	-3.449	3.520	0.752	Total CER Ceramides
AL	auci	id_981	-0.018	-0.109	0.092	0.712	0.126	-0.081	0.323	0.208	0.108	-0.091	0.318	0.308	-0.166	-4.584	3.521	0.896	Total DCER Dihydroceramides
AL	auci	id_982	-0.005	-0.042	0.019	0.680	0.113	-0.108	0.327	0.338	0.108	-0.114	0.309	0.340	-0.050	-1.036	0.744	0.776	Total HCEr Hexosylceramides
AL	auci	id_983	0.004	-0.035	0.046	0.880	0.104	-0.129	0.314	0.360	0.108	-0.132	0.317	0.354	0.035	-1.180	1.300	0.862	Total LCER Lactosylceramides
AL	auci	id_987	-0.023	-0.112	0.058	0.532	0.130	-0.075	0.334	0.204	0.108	-0.099	0.340	0.316	-0.209	-3.705	4.484	0.796	Total PC Phosphatidylcholines
AL	auci	id_990	0.008	-0.086	0.102	0.878	0.100	-0.091	0.301	0.328	0.108	-0.101	0.307	0.322	0.072	-2.444	3.312	0.728	Total SM Sphingomyelins
AL	auci	id_039	-0.012	-0.045	0.009	0.296	0.120	-0.095	0.346	0.294	0.108	-0.103	0.335	0.356	-0.112	-1.101	1.489	0.560	CE(22:1) CE Ester
AL	auci	id_060	-0.003	-0.099	0.042	0.888	0.111	-0.102	0.327	0.290	0.108	-0.117	0.323	0.344	-0.029	-3.105	2.378	0.976	DAG(12:0/1 DAG Ester
AL	auci	id_071	-0.007	-0.074	0.074	0.820	0.115	-0.093	0.322	0.278	0.108	-0.106	0.312	0.326	-0.069	-1.897	2.592	0.994	DAG(14:1/1 DAG Ester
AL	auci	id_072	-0.008	-0.064	0.042	0.738	0.116	-0.099	0.324	0.254	0.108	-0.103	0.322	0.300	-0.076	-1.697	1.673	0.890	DAG(14:1/1 DAG Ester
AL	auci	id_150	0.012	-0.040	0.078	0.658	0.095	-0.112	0.303	0.404	0.108	-0.108	0.319	0.344	0.116	-2.521	2.032	0.690	LCER(24:1) Lactosylceramide
AL	auci	id_151	0.010	-0.024	0.054	0.652	0.097	-0.114	0.328	0.338	0.108	-0.104	0.343	0.302	0.097	-0.952	1.118	0.726	LCER(26:0) Lactosylceramide
AL	auci	id_160	-0.011	-0.082	0.065	0.776	0.118	-0.099	0.339	0.284	0.108	-0.118	0.340	0.370	-0.101	-2.466	2.763	0.990	LPC(18:2) LPC Ester
AL	auci	id_196	-0.018	-0.120	0.075	0.678	0.125	-0.089	0.326	0.228	0.108	-0.120	0.327	0.326	-0.165	-3.091	3.528	0.932	MAG(18:3) Ester
AL	auci	id_199	-0.021	-0.078	0.016	0.296	0.129	-0.083	0.335	0.222	0.108	-0.102	0.313	0.288	-0.198	-2.037	1.384	0.512	MAG(20:1) Ester
AL	auci	id_200	-0.007	-0.056	0.026	0.656	0.115	-0.086	0.339	0.294	0.108	-0.104	0.339	0.344	-0.068	-1.473	1.748	0.856	MAG(20:2) Ester
AL	auci	id_201	-0.001	-0.048	0.044	0.892	0.109	-0.114	0.349	0.326	0.108	-0.122	0.339	0.334	-0.010	-0.976	1.560	0.982	MAG(20:3) Ester
AL	auci	id_251	-0.002	-0.032	0.022	0.856	0.110	-0.105	0.326	0.316	0.108	-0.099	0.318	0.332	-0.019	-0.718	0.803	0.916	PC(16:0/22 PC Ester
AL	auci	id_288	-0.009	-0.053	0.019	0.558	0.116	-0.117	0.343	0.338	0.108	-0.120	0.330	0.384	-0.079	-1.024	1.166	0.734	PC(18:1/22 PC Ester
AL	auci	id_293	-0.002	-0.030	0.025	0.954	0.109	-0.096	0.336	0.340	0.108	-0.101	0.337	0.318	-0.014	-0.641	0.654	0.968	PC(18:2/20 PC Ester
AL	auci	id_298	-0.011	-0.053	0.017	0.532	0.119	-0.111	0.327	0.332	0.108	-0.121	0.319	0.366	-0.104	-1.446	1.269	0.742	PC(18:2/22 PC Ester
AL	auci	id_332	0.029	-0.036	0.102	0.366	0.079	-0.126	0.285	0.466	0.108	-0.111	0.321	0.332	0.267	-3.159	3.801	0.482	PE(18:0/18 PE Ester
AL	auci	id_359	0.021	-0.055	0.086	0.496	0.086	-0.122	0.294	0.394	0.108	-0.116	0.328	0.314	0.198	-1.201	2.616	0.522	PE(18:2/16 PE Ester
AL	auci	id_366	-0.005	-0.053	0.033	0.788	0.113	-0.096	0.331	0.286	0.108	-0.106	0.327	0.322	-0.047	-1.208	1.506	0.922	PE(O-16:0/ PE Ether
AL	auci	id_368	0.009	-0.050	0.077	0.730	0.099	-0.124	0.295	0.394	0.108	-0.128	0.319	0.350	0.080	-2.037	2.670	0.732	PE(O-16:0/ PE Ether

AL	auci	id_372	0.011	-0.035	0.061	0.592	0.096	-0.123	0.319	0.396	0.108	-0.123	0.344	0.328	0.106	-1.443	1.946	0.632	PE(O-16:0/ PE Ether
AL	auci	id_378	0.018	-0.070	0.106	0.688	0.089	-0.124	0.272	0.406	0.108	-0.124	0.317	0.426	0.172	-1.959	3.050	0.578	PE(O-18:0/ PE Ether
AL	auci	id_381	0.010	-0.063	0.091	0.734	0.097	-0.102	0.293	0.358	0.108	-0.103	0.319	0.316	0.095	-1.942	3.248	0.658	PE(O-18:0/ PE Ether
AL	auci	id_382	0.013	-0.027	0.056	0.474	0.095	-0.132	0.328	0.406	0.108	-0.124	0.345	0.348	0.122	-1.145	1.470	0.630	PE(O-18:0/ PE Ether
AL	auci	id_387	-0.017	-0.082	0.033	0.570	0.125	-0.096	0.358	0.246	0.108	-0.119	0.348	0.330	-0.158	-2.602	1.654	0.796	PE(P-16:0/ PE Plasmalogen
AL	auci	id_392	-0.004	-0.075	0.082	0.920	0.112	-0.105	0.310	0.280	0.108	-0.109	0.314	0.322	-0.037	-3.408	2.874	0.966	PE(P-16:0/ PE Plasmalogen
AL	auci	id_395	0.028	-0.082	0.149	0.628	0.080	-0.101	0.261	0.372	0.108	-0.106	0.322	0.326	0.261	-2.841	2.888	0.546	PE(P-16:0/ PE Plasmalogen
AL	auci	id_396	0.017	-0.038	0.071	0.474	0.090	-0.118	0.319	0.414	0.108	-0.119	0.349	0.334	0.160	-2.397	2.130	0.620	PE(P-16:0/ PE Plasmalogen
AL	auci	id_401	0.011	-0.071	0.113	0.772	0.097	-0.098	0.294	0.342	0.108	-0.107	0.321	0.320	0.103	-2.190	2.142	0.648	PE(P-18:0/ PE Plasmalogen
AL	auci	id_402	-0.006	-0.078	0.064	0.854	0.113	-0.097	0.329	0.308	0.108	-0.111	0.325	0.352	-0.052	-1.839	2.359	0.990	PE(P-18:0/ PE Plasmalogen
AL	auci	id_406	0.012	-0.072	0.104	0.778	0.095	-0.103	0.291	0.366	0.108	-0.114	0.301	0.340	0.114	-2.684	2.524	0.690	PE(P-18:0/ PE Plasmalogen
AL	auci	id_409	0.002	-0.102	0.111	0.930	0.106	-0.079	0.291	0.312	0.108	-0.105	0.338	0.342	0.020	-4.912	3.581	0.744	PE(P-18:0/ PE Plasmalogen
AL	auci	id_410	0.024	-0.032	0.078	0.354	0.084	-0.127	0.316	0.438	0.108	-0.115	0.344	0.326	0.222	-2.137	2.207	0.512	PE(P-18:0/ PE Plasmalogen
AL	auci	id_411	0.002	-0.080	0.074	0.950	0.105	-0.102	0.317	0.306	0.108	-0.113	0.328	0.352	0.021	-2.417	3.078	0.818	PE(P-18:1/ PE Plasmalogen
AL	auci	id_415	-0.013	-0.075	0.044	0.604	0.121	-0.115	0.330	0.324	0.108	-0.128	0.311	0.384	-0.124	-2.709	2.031	0.820	PE(P-18:1/ PE Plasmalogen
AL	auci	id_419	-0.011	-0.099	0.078	0.794	0.118	-0.077	0.322	0.280	0.108	-0.094	0.329	0.360	-0.101	-3.818	3.474	0.994	PE(P-18:1/ PE Plasmalogen
AL	auci	id_421	-0.039	-0.128	0.026	0.252	0.147	-0.065	0.367	0.174	0.108	-0.122	0.337	0.340	-0.363	-4.760	4.230	0.560	PE(P-18:1/ PE Plasmalogen
AL	auci	id_422	0.035	-0.072	0.157	0.558	0.073	-0.119	0.260	0.452	0.108	-0.124	0.316	0.328	0.321	-3.276	4.271	0.478	PE(P-18:1/ PE Plasmalogen
AL	auci	id_423	0.010	-0.045	0.062	0.700	0.098	-0.099	0.329	0.314	0.108	-0.105	0.342	0.282	0.093	-1.968	1.420	0.734	PE(P-18:1/ PE Plasmalogen
AL	auci	id_424	-0.010	-0.057	0.030	0.640	0.117	-0.104	0.343	0.300	0.108	-0.116	0.331	0.332	-0.090	-1.351	1.102	0.788	PE(P-18:2/ PE Plasmalogen
AL	auci	id_425	-0.002	-0.060	0.059	0.972	0.109	-0.112	0.326	0.296	0.108	-0.111	0.332	0.340	-0.015	-2.386	1.759	0.904	PE(P-18:2/ PE Plasmalogen

Table S16 B. Mediation results BL-24M AUCI corrected for covariates (age, sex)

Group	Clinic al	Metabolit e	ACME_es timate	ACME_CI _low	ACME_CI _high	ACME_p	ADE_est imate	ADE_CI_l ow	ADE_CI_ high	ADE_p	Total_eff ect	Total_CI _low	Total_CI_h igh	Total_p	Proporti on_med		Prop_me d_CI_high		Prop_m ed_p	Biochemic al	Subgroup
															iated	_CI_low	h				
CR	auci	id_023	-0.010	-0.044	0.001	0.082	-0.145	-0.263	-0.008	0.028	-0.155	-0.274	-0.027	0.010	0.066	-0.011	0.627	0.092	CE(15:0)	CE Ester	
CR	auci	id_024	-0.013	-0.049	0.000	0.046	-0.142	-0.258	-0.017	0.020	-0.155	-0.272	-0.033	0.006	0.082	0.000	0.528	0.052	CE(16:0)	CE Ester	
CR	auci	id_026	-0.014	-0.081	-0.001	0.030	-0.141	-0.259	-0.005	0.034	-0.155	-0.281	-0.036	0.006	0.091	0.005	0.784	0.036	CE(17:0)	CE Ester	
CR	auci	id_027	-0.014	-0.072	-0.001	0.036	-0.141	-0.255	-0.007	0.042	-0.155	-0.280	-0.030	0.012	0.091	0.002	0.715	0.048	CE(18:0)	CE Ester	
CR	auci	id_028	-0.008	-0.034	0.002	0.134	-0.147	-0.262	-0.023	0.022	-0.155	-0.271	-0.031	0.008	0.051	-0.017	0.415	0.138	CE(18:1)	CE Ester	

CR	auci	id_029	-0.008	-0.037	0.002	0.142	-0.147	-0.267	-0.018	0.022	-0.155	-0.275	-0.031	0.014	0.050	-0.015	0.350	0.148	CE(18:2)	CE Ester
CR	auci	id_033	-0.007	-0.036	0.003	0.138	-0.147	-0.271	-0.019	0.020	-0.155	-0.279	-0.030	0.008	0.048	-0.021	0.382	0.142	CE(20:1)	CE Ester
CR	auci	id_034	-0.022	-0.096	-0.008	0.006	-0.132	-0.246	0.011	0.066	-0.155	-0.281	-0.038	0.008	0.145	0.035	1.107	0.014	CE(20:2)	CE Ester
CR	auci	id_035	-0.022	-0.091	-0.008	0.000	-0.133	-0.243	0.000	0.052	-0.155	-0.271	-0.033	0.014	0.141	0.042	0.942	0.014	CE(20:3)	CE Ester
CR	auci	id_036	-0.020	-0.057	-0.003	0.016	-0.135	-0.252	-0.010	0.036	-0.155	-0.276	-0.031	0.010	0.130	0.016	0.593	0.026	CE(20:4)	CE Ester
CR	auci	id_041	-0.018	-0.056	-0.001	0.038	-0.137	-0.264	-0.017	0.024	-0.155	-0.278	-0.037	0.008	0.115	0.002	0.583	0.046	CE(22:4)	CE Ester
CR	auci	id_042	-0.011	-0.032	0.006	0.122	-0.144	-0.262	-0.016	0.032	-0.155	-0.270	-0.029	0.016	0.071	-0.046	0.406	0.134	CE(22:5)	CE Ester
CR	auci	id_043	-0.001	-0.010	0.013	0.994	-0.154	-0.272	-0.043	0.008	-0.155	-0.273	-0.043	0.008	0.004	-0.163	0.089	0.990	CE(22:6)	CE Ester
CR	auci	id_044	-0.002	-0.016	0.007	0.710	-0.153	-0.272	-0.026	0.022	-0.155	-0.272	-0.029	0.014	0.014	-0.067	0.192	0.720	CE(24:0)	CE Ester
CR	auci	id_045	-0.005	-0.020	0.012	0.370	-0.149	-0.272	-0.028	0.010	-0.155	-0.272	-0.031	0.010	0.035	-0.109	0.201	0.372	CE(24:1)	CE Ester
CR	auci	id_046	-0.004	-0.038	0.012	0.500	-0.150	-0.267	-0.027	0.012	-0.155	-0.274	-0.033	0.010	0.029	-0.125	0.308	0.510	CER(14:0)	Ceramide
CR	auci	id_047	-0.004	-0.037	0.008	0.432	-0.150	-0.265	-0.021	0.026	-0.155	-0.269	-0.034	0.022	0.028	-0.069	0.375	0.446	CER(16:0)	Ceramide
CR	auci	id_048	-0.039	-0.138	-0.013	0.004	-0.116	-0.240	0.044	0.192	-0.155	-0.272	-0.031	0.018	0.254	0.053	1.817	0.022	CER(18:0)	Ceramide
CR	auci	id_049	-0.012	-0.073	0.001	0.088	-0.143	-0.260	0.003	0.056	-0.155	-0.273	-0.034	0.020	0.079	-0.014	0.853	0.108	CER(18:1)	Ceramide
CR	auci	id_050	-0.013	-0.077	0.004	0.154	-0.142	-0.268	-0.001	0.050	-0.155	-0.280	-0.035	0.014	0.082	-0.040	0.679	0.164	CER(20:0)	Ceramide
CR	auci	id_051	-0.025	-0.118	-0.007	0.008	-0.130	-0.236	0.022	0.092	-0.155	-0.264	-0.035	0.022	0.162	0.029	1.116	0.030	CER(20:1)	Ceramide
CR	auci	id_052	-0.012	-0.072	0.001	0.074	-0.142	-0.260	-0.007	0.044	-0.155	-0.280	-0.028	0.012	0.080	-0.011	0.709	0.086	CER(22:0)	Ceramide
CR	auci	id_053	-0.024	-0.141	-0.006	0.000	-0.131	-0.250	0.031	0.140	-0.155	-0.275	-0.036	0.006	0.157	0.028	1.515	0.006	CER(22:1)	Ceramide
CR	auci	id_054	-0.010	-0.046	0.003	0.130	-0.145	-0.265	-0.023	0.022	-0.155	-0.271	-0.037	0.012	0.065	-0.023	0.479	0.142	CER(24:0)	Ceramide
CR	auci	id_055	-0.013	-0.050	0.002	0.090	-0.142	-0.261	-0.011	0.030	-0.155	-0.270	-0.029	0.008	0.081	-0.016	0.554	0.098	CER(24:1)	Ceramide
CR	auci	id_057	-0.005	-0.025	0.008	0.454	-0.149	-0.269	-0.031	0.010	-0.155	-0.269	-0.038	0.010	0.035	-0.070	0.247	0.460	CER(26:1)	Ceramide
CR	auci	id_116	0.008	-0.008	0.032	0.358	-0.163	-0.284	-0.042	0.008	-0.155	-0.276	-0.034	0.012	-0.053	-0.411	0.060	0.366	DCER(14:0)	Dihydroceramide
CR	auci	id_117	-0.004	-0.029	0.007	0.378	-0.150	-0.261	-0.020	0.030	-0.155	-0.265	-0.028	0.024	0.029	-0.060	0.293	0.398	DCER(16:0)	Dihydroceramide
CR	auci	id_118	-0.018	-0.064	-0.003	0.028	-0.136	-0.249	-0.013	0.020	-0.155	-0.270	-0.038	0.012	0.119	0.008	0.626	0.036	DCER(18:0)	Dihydroceramide
CR	auci	id_119	-0.006	-0.022	0.006	0.198	-0.149	-0.274	-0.029	0.004	-0.155	-0.279	-0.036	0.006	0.038	-0.054	0.218	0.200	DCER(18:1)	Dihydroceramide
CR	auci	id_120	-0.006	-0.037	0.003	0.156	-0.149	-0.271	-0.014	0.024	-0.155	-0.278	-0.030	0.014	0.037	-0.018	0.451	0.162	DCER(20:0)	Dihydroceramide
CR	auci	id_121	-0.004	-0.033	0.003	0.292	-0.150	-0.266	-0.036	0.008	-0.155	-0.271	-0.046	0.006	0.029	-0.023	0.240	0.298	DCER(20:1)	Dihydroceramide
CR	auci	id_122	-0.017	-0.085	-0.003	0.010	-0.138	-0.256	0.007	0.062	-0.155	-0.279	-0.029	0.014	0.109	0.013	0.957	0.024	DCER(22:0)	Dihydroceramide
CR	auci	id_123	-0.008	-0.076	0.000	0.052	-0.147	-0.256	-0.005	0.040	-0.155	-0.273	-0.030	0.008	0.049	-0.004	0.825	0.060	DCER(22:1)	Dihydroceramide
CR	auci	id_124	-0.017	-0.061	-0.002	0.026	-0.137	-0.246	-0.010	0.030	-0.155	-0.263	-0.034	0.010	0.112	0.010	0.714	0.032	DCER(22:2)	Dihydroceramide
CR	auci	id_125	-0.010	-0.052	0.002	0.090	-0.145	-0.262	-0.018	0.032	-0.155	-0.269	-0.033	0.020	0.064	-0.019	0.545	0.110	DCER(24:0)	Dihydroceramide

CR	auci	id_126	-0.006	-0.056	0.002	0.122	-0.149	-0.261	-0.012	0.038	-0.155	-0.270	-0.025	0.020	0.038	-0.014	0.620	0.142	DCER(24:1) Dihydroceramide
CR	auci	id_128	0.000	-0.008	0.010	0.950	-0.155	-0.284	-0.038	0.020	-0.155	-0.280	-0.038	0.020	0.001	-0.095	0.089	0.946	DCER(26:1) Dihydroceramide
CR	auci	id_129	0.005	-0.003	0.023	0.260	-0.160	-0.278	-0.048	0.004	-0.155	-0.271	-0.042	0.004	-0.033	-0.255	0.021	0.264	HCER(14:0) Hexosylceramide
CR	auci	id_130	-0.002	-0.018	0.007	0.638	-0.152	-0.274	-0.029	0.014	-0.155	-0.277	-0.032	0.012	0.015	-0.069	0.178	0.646	HCER(16:0) Hexosylceramide
CR	auci	id_131	0.001	-0.006	0.013	0.760	-0.156	-0.272	-0.031	0.018	-0.155	-0.268	-0.034	0.016	-0.005	-0.129	0.066	0.756	HCER(18:0) Hexosylceramide
CR	auci	id_132	-0.004	-0.032	0.008	0.412	-0.151	-0.271	-0.024	0.022	-0.155	-0.278	-0.026	0.014	0.025	-0.056	0.292	0.418	HCER(18:1) Hexosylceramide
CR	auci	id_133	0.002	-0.008	0.009	0.636	-0.156	-0.272	-0.034	0.010	-0.155	-0.271	-0.031	0.010	-0.010	-0.092	0.074	0.634	HCER(20:0) Hexosylceramide
CR	auci	id_134	-0.008	-0.031	0.002	0.108	-0.147	-0.268	-0.031	0.016	-0.155	-0.278	-0.040	0.004	0.053	-0.014	0.305	0.112	HCER(20:1) Hexosylceramide
CR	auci	id_135	0.003	-0.006	0.015	0.494	-0.158	-0.277	-0.038	0.010	-0.155	-0.277	-0.039	0.010	-0.019	-0.138	0.055	0.500	HCER(22:0) Hexosylceramide
CR	auci	id_136	-0.011	-0.044	0.003	0.112	-0.144	-0.263	-0.020	0.024	-0.155	-0.277	-0.036	0.014	0.073	-0.028	0.377	0.126	HCER(22:1) Hexosylceramide
CR	auci	id_137	0.002	-0.007	0.010	0.706	-0.156	-0.277	-0.029	0.018	-0.155	-0.279	-0.029	0.020	-0.011	-0.101	0.067	0.702	HCER(24:0) Hexosylceramide
CR	auci	id_138	0.000	-0.010	0.010	0.906	-0.155	-0.268	-0.036	0.016	-0.155	-0.267	-0.036	0.014	-0.001	-0.078	0.095	0.900	HCER(24:1) Hexosylceramide
CR	auci	id_139	0.000	-0.007	0.008	0.916	-0.155	-0.268	-0.033	0.022	-0.155	-0.268	-0.034	0.022	0.000	-0.062	0.087	0.918	HCER(26:0) Hexosylceramide
CR	auci	id_141	0.005	-0.022	0.022	0.732	-0.159	-0.275	-0.029	0.012	-0.155	-0.274	-0.030	0.016	-0.029	-0.269	0.197	0.744	LCER(14:0) Lactosylceramide
CR	auci	id_142	-0.002	-0.021	0.007	0.760	-0.153	-0.266	-0.026	0.018	-0.155	-0.271	-0.028	0.018	0.010	-0.063	0.172	0.770	LCER(16:0) Lactosylceramide
CR	auci	id_144	-0.002	-0.013	0.010	0.762	-0.153	-0.275	-0.036	0.006	-0.155	-0.277	-0.038	0.006	0.012	-0.084	0.130	0.760	LCER(18:1) Lactosylceramide
CR	auci	id_145	0.007	-0.006	0.026	0.368	-0.161	-0.285	-0.024	0.014	-0.155	-0.278	-0.022	0.018	-0.042	-0.328	0.054	0.370	LCER(20:0) Lactosylceramide
CR	auci	id_146	-0.003	-0.015	0.015	0.636	-0.151	-0.266	-0.038	0.016	-0.155	-0.268	-0.043	0.016	0.022	-0.133	0.151	0.644	LCER(20:1) Lactosylceramide
CR	auci	id_147	0.002	-0.010	0.016	0.782	-0.157	-0.276	-0.035	0.014	-0.155	-0.275	-0.038	0.010	-0.012	-0.146	0.101	0.788	LCER(22:0) Lactosylceramide
CR	auci	id_148	0.000	-0.017	0.015	0.970	-0.155	-0.280	-0.025	0.018	-0.155	-0.276	-0.030	0.018	-0.002	-0.138	0.166	0.964	LCER(22:1) Lactosylceramide
CR	auci	id_149	-0.005	-0.029	0.012	0.576	-0.149	-0.270	-0.036	0.008	-0.155	-0.280	-0.038	0.006	0.034	-0.133	0.217	0.574	LCER(24:0) Lactosylceramide
CR	auci	id_152	0.001	-0.008	0.018	0.832	-0.156	-0.274	-0.034	0.016	-0.155	-0.272	-0.034	0.018	-0.007	-0.174	0.078	0.846	LCER(26:1) Lactosylceramide
CR	auci	id_154	0.005	-0.006	0.032	0.234	-0.160	-0.280	-0.042	0.006	-0.155	-0.268	-0.035	0.008	-0.033	-0.314	0.047	0.242	LPC(15:0) LPC Ester
CR	auci	id_157	0.008	-0.010	0.023	0.258	-0.163	-0.290	-0.030	0.010	-0.155	-0.283	-0.025	0.012	-0.050	-0.297	0.092	0.270	LPC(17:0) LPC Ester
CR	auci	id_170	-0.001	-0.021	0.009	0.872	-0.154	-0.275	-0.017	0.030	-0.155	-0.277	-0.021	0.026	0.004	-0.066	0.162	0.870	LPC(22:6) LPC Ester
CR	auci	id_181	-0.007	-0.029	0.004	0.216	-0.148	-0.265	-0.024	0.016	-0.155	-0.273	-0.034	0.010	0.047	-0.035	0.305	0.218	LPE(20:4) LPE Ester
CR	auci	id_186	-0.002	-0.013	0.009	0.796	-0.153	-0.275	-0.036	0.016	-0.155	-0.272	-0.036	0.016	0.011	-0.064	0.092	0.812	MAG(12:0) Ester
CR	auci	id_188	-0.002	-0.010	0.038	0.830	-0.153	-0.275	-0.027	0.016	-0.155	-0.275	-0.026	0.016	0.014	-0.355	0.110	0.830	MAG(14:1) Ester
CR	auci	id_189	0.001	-0.008	0.014	0.932	-0.156	-0.273	-0.027	0.018	-0.155	-0.271	-0.031	0.018	-0.007	-0.139	0.078	0.934	MAG(15:0) Ester
CR	auci	id_195	-0.004	-0.013	0.017	0.522	-0.151	-0.274	-0.037	0.008	-0.155	-0.277	-0.040	0.008	0.025	-0.157	0.107	0.530	MAG(18:2) Ester
CR	auci	id_203	-0.001	-0.007	0.030	0.922	-0.154	-0.279	-0.027	0.016	-0.155	-0.277	-0.027	0.022	0.006	-0.270	0.083	0.916	MAG(20:5) Ester

CR	auci	id_204	0.001	-0.006	0.009	0.804	-0.155	-0.280	-0.028	0.012	-0.155	-0.276	-0.029	0.010	-0.004	-0.067	0.062	0.794	MAG(22:0) Ester
CR	auci	id_205	-0.001	-0.006	0.022	0.990	-0.154	-0.270	-0.035	0.014	-0.155	-0.268	-0.035	0.014	0.006	-0.180	0.057	0.992	MAG(22:1) Ester
CR	auci	id_208	0.002	-0.009	0.009	0.648	-0.157	-0.275	-0.031	0.012	-0.155	-0.274	-0.036	0.012	-0.013	-0.075	0.072	0.644	MAG(22:5) Ester
CR	auci	id_209	-0.003	-0.012	0.018	0.604	-0.152	-0.272	-0.039	0.008	-0.155	-0.277	-0.038	0.006	0.020	-0.158	0.132	0.602	MAG(22:6) Ester
CR	auci	id_228	-0.010	-0.037	0.004	0.152	-0.144	-0.257	-0.024	0.026	-0.155	-0.276	-0.040	0.016	0.068	-0.036	0.356	0.168	PC(15:0/18 PC Ester
CR	auci	id_230	-0.009	-0.025	0.009	0.262	-0.146	-0.270	-0.026	0.022	-0.155	-0.276	-0.033	0.014	0.055	-0.087	0.285	0.276	PC(15:0/20 PC Ester
CR	auci	id_241	-0.006	-0.024	0.007	0.372	-0.149	-0.273	-0.029	0.026	-0.155	-0.277	-0.036	0.018	0.039	-0.059	0.277	0.374	PC(16:0/18 PC Ester
CR	auci	id_254	0.000	-0.009	0.010	0.980	-0.154	-0.269	-0.028	0.014	-0.155	-0.267	-0.030	0.014	0.003	-0.085	0.120	0.982	PC(17:0/18 PC Ester
CR	auci	id_257	-0.014	-0.048	0.001	0.056	-0.140	-0.267	-0.008	0.044	-0.155	-0.277	-0.038	0.018	0.093	-0.014	0.579	0.074	PC(17:0/20 PC Ester
CR	auci	id_272	-0.018	-0.048	-0.002	0.026	-0.137	-0.256	-0.010	0.036	-0.155	-0.272	-0.035	0.014	0.115	0.006	0.593	0.040	PC(18:0/20 PC Ester
CR	auci	id_279	0.004	-0.007	0.017	0.446	-0.158	-0.276	-0.037	0.014	-0.155	-0.273	-0.036	0.016	-0.024	-0.164	0.067	0.458	PC(18:1/18 PC Ester
CR	auci	id_283	-0.012	-0.065	0.004	0.148	-0.143	-0.257	-0.014	0.030	-0.155	-0.271	-0.043	0.012	0.077	-0.035	0.641	0.160	PC(18:1/20 PC Ester
CR	auci	id_284	-0.008	-0.032	0.006	0.256	-0.147	-0.266	-0.024	0.018	-0.155	-0.274	-0.032	0.008	0.054	-0.051	0.346	0.264	PC(18:1/20 PC Ester
CR	auci	id_289	-0.002	-0.030	0.018	0.818	-0.153	-0.277	-0.023	0.024	-0.155	-0.274	-0.027	0.018	0.012	-0.189	0.309	0.828	PC(18:2/16 PC Ester
CR	auci	id_354	0.000	-0.009	0.009	0.972	-0.155	-0.281	-0.033	0.016	-0.155	-0.280	-0.033	0.016	0.001	-0.063	0.090	0.976	PE(18:1/22 PE Ester
CR	auci	id_386	-0.004	-0.019	0.010	0.502	-0.151	-0.283	-0.015	0.032	-0.155	-0.281	-0.024	0.024	0.027	-0.065	0.247	0.518	PE(P-16:0/: PE Plasmalogen
CR	auci	id_398	-0.002	-0.017	0.009	0.660	-0.153	-0.280	-0.032	0.020	-0.155	-0.284	-0.035	0.016	0.013	-0.070	0.174	0.664	PE(P-18:0/: PE Plasmalogen
CR	auci	id_405	-0.010	-0.040	0.004	0.160	-0.145	-0.262	-0.003	0.046	-0.155	-0.269	-0.018	0.030	0.065	-0.036	0.495	0.190	PE(P-18:0/: PE Plasmalogen
CR	auci	id_414	0.002	-0.007	0.018	0.684	-0.156	-0.279	-0.024	0.024	-0.155	-0.276	-0.024	0.022	-0.010	-0.148	0.064	0.682	PE(P-18:1/: PE Plasmalogen
CR	auci	id_448	-0.008	-0.051	0.006	0.238	-0.147	-0.257	-0.017	0.036	-0.155	-0.267	-0.030	0.020	0.052	-0.048	0.422	0.254	SM(14:0) Sphingomyelin
CR	auci	id_449	-0.003	-0.018	0.006	0.550	-0.152	-0.283	-0.028	0.018	-0.155	-0.286	-0.032	0.016	0.017	-0.045	0.185	0.558	SM(16:0) Sphingomyelin
CR	auci	id_450	-0.018	-0.066	-0.004	0.018	-0.137	-0.254	-0.005	0.042	-0.155	-0.275	-0.033	0.014	0.113	0.015	0.777	0.032	SM(18:0) Sphingomyelin
CR	auci	id_451	-0.012	-0.055	0.004	0.170	-0.143	-0.266	-0.011	0.034	-0.155	-0.273	-0.033	0.008	0.074	-0.027	0.642	0.178	SM(18:1) Sphingomyelin
CR	auci	id_452	-0.013	-0.053	-0.002	0.026	-0.142	-0.259	-0.015	0.026	-0.155	-0.273	-0.030	0.014	0.086	0.005	0.565	0.040	SM(20:0) Sphingomyelin
CR	auci	id_453	-0.003	-0.026	0.011	0.688	-0.152	-0.270	-0.022	0.018	-0.155	-0.270	-0.029	0.012	0.016	-0.073	0.277	0.696	SM(20:1) Sphingomyelin
CR	auci	id_454	-0.013	-0.055	-0.002	0.020	-0.141	-0.266	-0.018	0.022	-0.155	-0.281	-0.037	0.008	0.087	0.008	0.593	0.028	SM(22:0) Sphingomyelin
CR	auci	id_455	-0.008	-0.042	0.003	0.156	-0.147	-0.267	-0.022	0.026	-0.155	-0.276	-0.034	0.010	0.049	-0.021	0.378	0.166	SM(22:1) Sphingomyelin
CR	auci	id_456	-0.012	-0.047	0.000	0.060	-0.143	-0.255	-0.012	0.020	-0.155	-0.266	-0.031	0.004	0.079	-0.005	0.620	0.064	SM(24:0) Sphingomyelin
CR	auci	id_457	-0.005	-0.019	0.009	0.404	-0.150	-0.269	-0.034	0.018	-0.155	-0.274	-0.040	0.014	0.031	-0.075	0.210	0.414	SM(24:1) Sphingomyelin
CR	auci	id_458	-0.002	-0.011	0.008	0.534	-0.152	-0.273	-0.027	0.018	-0.155	-0.271	-0.029	0.016	0.015	-0.092	0.138	0.550	SM(26:0) Sphingomyelin
CR	auci	id_459	-0.001	-0.007	0.016	0.892	-0.153	-0.274	-0.025	0.020	-0.155	-0.273	-0.026	0.020	0.009	-0.153	0.089	0.896	SM(26:1) Sphingomyelin

CR	auci	id_660	-0.012	-0.124	-0.002	0.022	-0.142	-0.249	0.019	0.096	-0.155	-0.278	-0.038	0.006	0.080	0.009	1.324	0.028	TAG51:3-F/ TAG Ester
CR	auci	id_663	-0.012	-0.071	0.000	0.060	-0.143	-0.248	-0.010	0.028	-0.155	-0.269	-0.033	0.014	0.077	-0.007	0.720	0.074	TAG51:3-F/ TAG Ester
CR	auci	id_667	-0.012	-0.101	-0.001	0.024	-0.143	-0.253	0.005	0.058	-0.155	-0.282	-0.033	0.008	0.077	0.007	0.990	0.032	TAG51:4-F/ TAG Ester
CR	auci	id_755	-0.002	-0.039	0.006	0.370	-0.153	-0.272	-0.026	0.010	-0.155	-0.282	-0.028	0.012	0.010	-0.061	0.333	0.378	TAG53:3-F/ TAG Ester
CR	auci	id_760	-0.001	-0.044	0.003	0.372	-0.153	-0.271	-0.028	0.012	-0.155	-0.284	-0.038	0.010	0.009	-0.026	0.331	0.382	TAG53:4-F/ TAG Ester
CR	auci	id_761	-0.003	-0.075	0.002	0.178	-0.151	-0.274	-0.005	0.042	-0.155	-0.286	-0.022	0.020	0.023	-0.017	0.670	0.198	TAG53:4-F/ TAG Ester
CR	auci	id_765	-0.001	-0.040	0.003	0.366	-0.153	-0.272	-0.029	0.014	-0.155	-0.274	-0.039	0.010	0.010	-0.024	0.352	0.376	TAG53:5-F/ TAG Ester
CR	auci	id_766	-0.003	-0.063	0.002	0.138	-0.152	-0.266	-0.012	0.030	-0.155	-0.274	-0.029	0.012	0.021	-0.014	0.591	0.150	TAG53:5-F/ TAG Ester
CR	auci	id_769	-0.001	-0.026	0.007	0.570	-0.154	-0.276	-0.032	0.016	-0.155	-0.278	-0.035	0.012	0.006	-0.073	0.205	0.578	TAG53:6-F/ TAG Ester
CR	auci	id_770	-0.004	-0.048	0.002	0.136	-0.151	-0.269	-0.017	0.028	-0.155	-0.279	-0.029	0.014	0.027	-0.017	0.433	0.150	TAG53:6-F/ TAG Ester
CR	auci	id_771	-0.002	-0.056	0.003	0.238	-0.153	-0.266	-0.018	0.030	-0.155	-0.271	-0.034	0.014	0.014	-0.019	0.587	0.252	TAG53:6-F/ TAG Ester
CR	auci	id_773	-0.003	-0.040	0.003	0.194	-0.151	-0.264	-0.029	0.020	-0.155	-0.275	-0.036	0.018	0.022	-0.025	0.288	0.212	TAG53:7-F/ TAG Ester
CR	auci	id_856	-0.002	-0.044	0.002	0.242	-0.153	-0.264	-0.023	0.016	-0.155	-0.276	-0.035	0.010	0.014	-0.016	0.378	0.252	TAG55:6-F/ TAG Ester
CR	auci	id_857	-0.002	-0.038	0.008	0.340	-0.153	-0.258	-0.026	0.016	-0.155	-0.266	-0.030	0.018	0.013	-0.074	0.336	0.346	TAG55:6-F/ TAG Ester
CR	auci	id_860	-0.007	-0.063	0.002	0.106	-0.148	-0.259	-0.011	0.036	-0.155	-0.273	-0.030	0.018	0.043	-0.013	0.656	0.124	TAG55:7-F/ TAG Ester
CR	auci	id_861	-0.001	-0.038	0.004	0.460	-0.154	-0.272	-0.030	0.018	-0.155	-0.275	-0.035	0.010	0.008	-0.026	0.271	0.470	TAG55:7-F/ TAG Ester
CR	auci	id_862	-0.001	-0.044	0.004	0.424	-0.153	-0.270	-0.028	0.016	-0.155	-0.274	-0.037	0.006	0.009	-0.034	0.361	0.430	TAG55:7-F/ TAG Ester
CR	auci	id_864	-0.003	-0.069	0.003	0.126	-0.151	-0.267	-0.019	0.022	-0.155	-0.281	-0.037	0.010	0.022	-0.018	0.598	0.136	TAG55:8-F/ TAG Ester
CR	auci	id_939	-0.002	-0.030	0.014	0.452	-0.153	-0.264	-0.026	0.020	-0.155	-0.267	-0.030	0.020	0.013	-0.143	0.236	0.460	TAG57:9-F/ TAG Ester
CR	auci	id_978	-0.012	-0.048	-0.001	0.032	-0.143	-0.264	-0.015	0.026	-0.155	-0.279	-0.032	0.006	0.078	0.005	0.565	0.038	Total CE Cholesteryl Esters
CR	auci	id_979	-0.012	-0.060	0.002	0.096	-0.143	-0.268	-0.008	0.034	-0.155	-0.280	-0.023	0.012	0.074	-0.012	0.712	0.108	Total CER Ceramides
CR	auci	id_981	-0.009	-0.065	0.001	0.074	-0.146	-0.270	-0.016	0.026	-0.155	-0.281	-0.044	0.004	0.055	-0.004	0.663	0.078	Total DCER Dihydroceramides
CR	auci	id_982	0.001	-0.007	0.010	0.780	-0.156	-0.270	-0.038	0.014	-0.155	-0.270	-0.036	0.012	-0.006	-0.091	0.073	0.780	Total HCE Hexosylceramides
CR	auci	id_983	-0.001	-0.020	0.008	0.840	-0.154	-0.268	-0.030	0.010	-0.155	-0.271	-0.031	0.008	0.007	-0.089	0.159	0.836	Total LCER Lactosylceramides
CR	auci	id_987	-0.009	-0.041	0.002	0.100	-0.145	-0.262	-0.021	0.026	-0.155	-0.272	-0.031	0.012	0.061	-0.019	0.395	0.112	Total PC Phosphatidylcholines
CR	auci	id_990	-0.008	-0.046	0.001	0.090	-0.147	-0.262	-0.016	0.018	-0.155	-0.271	-0.030	0.010	0.050	-0.007	0.425	0.100	Total SM Sphingomyelins
CR	auci	id_039	-0.005	-0.029	0.006	0.396	-0.150	-0.268	-0.027	0.022	-0.155	-0.271	-0.035	0.014	0.034	-0.051	0.296	0.406	CE(22:1) CE Ester
CR	auci	id_060	0.006	-0.014	0.030	0.648	-0.161	-0.283	-0.042	0.014	-0.155	-0.271	-0.032	0.024	-0.037	-0.314	0.118	0.652	DAG(12:0/1)DAG Ester
CR	auci	id_071	0.010	-0.010	0.038	0.392	-0.165	-0.278	-0.043	0.002	-0.155	-0.273	-0.032	0.004	-0.064	-0.412	0.090	0.396	DAG(14:1/1)DAG Ester
CR	auci	id_072	0.003	-0.008	0.018	0.684	-0.157	-0.280	-0.049	0.016	-0.155	-0.275	-0.046	0.018	-0.017	-0.152	0.084	0.702	DAG(14:1/1)DAG Ester
CR	auci	id_150	-0.018	-0.051	0.007	0.132	-0.137	-0.249	-0.020	0.022	-0.155	-0.275	-0.035	0.010	0.114	-0.070	0.498	0.138	LCER(24:1) Lactosylceramide

CR	auci	id_151	0.000	-0.015	0.016	0.966	-0.155	-0.268	-0.036	0.002	-0.155	-0.266	-0.037	0.004	-0.002	-0.117	0.134	0.970	LCER(26:0) Lactosylceramide
CR	auci	id_160	0.001	-0.032	0.011	0.972	-0.156	-0.269	-0.025	0.014	-0.155	-0.271	-0.034	0.012	-0.006	-0.117	0.308	0.976	LPC(18:2) LPC Ester
CR	auci	id_196	-0.010	-0.035	0.005	0.136	-0.145	-0.257	-0.026	0.010	-0.155	-0.269	-0.030	0.006	0.066	-0.044	0.369	0.142	MAG(18:3) Ester
CR	auci	id_199	-0.007	-0.027	0.020	0.488	-0.148	-0.263	-0.038	0.002	-0.155	-0.270	-0.035	0.004	0.043	-0.236	0.236	0.488	MAG(20:1) Ester
CR	auci	id_200	-0.002	-0.023	0.012	0.772	-0.153	-0.273	-0.032	0.010	-0.155	-0.276	-0.040	0.010	0.013	-0.102	0.236	0.770	MAG(20:2) Ester
CR	auci	id_201	-0.005	-0.020	0.008	0.420	-0.150	-0.271	-0.038	0.012	-0.155	-0.273	-0.041	0.008	0.031	-0.090	0.179	0.424	MAG(20:3) Ester
CR	auci	id_251	0.000	-0.008	0.013	0.882	-0.155	-0.274	-0.028	0.016	-0.155	-0.271	-0.031	0.012	0.000	-0.119	0.073	0.886	PC(16:0/22 PC Ester
CR	auci	id_288	0.004	-0.007	0.018	0.458	-0.159	-0.277	-0.030	0.014	-0.155	-0.275	-0.030	0.014	-0.024	-0.176	0.057	0.460	PC(18:1/22 PC Ester
CR	auci	id_293	0.002	-0.008	0.016	0.660	-0.157	-0.279	-0.023	0.022	-0.155	-0.273	-0.024	0.022	-0.013	-0.143	0.101	0.674	PC(18:2/20 PC Ester
CR	auci	id_298	0.003	-0.009	0.015	0.546	-0.158	-0.283	-0.037	0.014	-0.155	-0.280	-0.034	0.014	-0.021	-0.141	0.075	0.544	PC(18:2/22 PC Ester
CR	auci	id_332	-0.003	-0.013	0.011	0.718	-0.152	-0.279	-0.023	0.022	-0.155	-0.280	-0.027	0.018	0.017	-0.106	0.159	0.724	PE(18:0/18 PE Ester
CR	auci	id_359	-0.008	-0.023	0.008	0.302	-0.147	-0.272	-0.031	0.022	-0.155	-0.272	-0.038	0.018	0.053	-0.075	0.251	0.316	PE(18:2/16 PE Ester
CR	auci	id_366	-0.006	-0.026	0.006	0.406	-0.149	-0.272	-0.021	0.022	-0.155	-0.272	-0.029	0.014	0.039	-0.053	0.286	0.412	PE(O-16:0/ PE Ether
CR	auci	id_368	-0.013	-0.037	0.010	0.194	-0.141	-0.259	-0.019	0.020	-0.155	-0.270	-0.033	0.020	0.087	-0.103	0.430	0.198	PE(O-16:0/ PE Ether
CR	auci	id_372	0.000	-0.006	0.018	0.740	-0.155	-0.281	-0.035	0.012	-0.155	-0.275	-0.034	0.012	-0.001	-0.160	0.071	0.748	PE(O-16:0/ PE Ether
CR	auci	id_378	-0.010	-0.033	0.005	0.186	-0.144	-0.269	-0.028	0.014	-0.155	-0.274	-0.042	0.008	0.067	-0.033	0.345	0.194	PE(O-18:0/ PE Ether
CR	auci	id_381	-0.008	-0.036	0.012	0.352	-0.147	-0.276	-0.019	0.034	-0.155	-0.277	-0.034	0.018	0.050	-0.086	0.435	0.366	PE(O-18:0/ PE Ether
CR	auci	id_382	0.000	-0.009	0.012	0.850	-0.155	-0.273	-0.035	0.008	-0.155	-0.273	-0.035	0.010	-0.002	-0.095	0.080	0.852	PE(O-18:0/ PE Ether
CR	auci	id_387	-0.004	-0.016	0.009	0.586	-0.151	-0.276	-0.024	0.020	-0.155	-0.278	-0.032	0.018	0.026	-0.068	0.222	0.592	PE(P-16:0/ PE Plasmalogen
CR	auci	id_392	-0.019	-0.042	-0.001	0.038	-0.136	-0.251	-0.007	0.038	-0.155	-0.264	-0.032	0.014	0.124	-0.001	0.589	0.052	PE(P-16:0/ PE Plasmalogen
CR	auci	id_395	-0.017	-0.051	0.001	0.058	-0.138	-0.265	-0.006	0.038	-0.155	-0.279	-0.032	0.016	0.109	-0.008	0.657	0.074	PE(P-16:0/ PE Plasmalogen
CR	auci	id_396	-0.003	-0.016	0.012	0.668	-0.152	-0.273	-0.023	0.020	-0.155	-0.273	-0.025	0.022	0.021	-0.141	0.167	0.662	PE(P-16:0/ PE Plasmalogen
CR	auci	id_401	0.000	-0.011	0.011	0.982	-0.154	-0.280	-0.031	0.006	-0.155	-0.277	-0.033	0.006	0.003	-0.087	0.127	0.984	PE(P-18:0/ PE Plasmalogen
CR	auci	id_402	-0.002	-0.013	0.015	0.878	-0.153	-0.270	-0.031	0.010	-0.155	-0.268	-0.035	0.008	0.010	-0.121	0.148	0.878	PE(P-18:0/ PE Plasmalogen
CR	auci	id_406	-0.013	-0.034	0.005	0.134	-0.142	-0.273	-0.018	0.014	-0.155	-0.278	-0.029	0.006	0.083	-0.034	0.454	0.140	PE(P-18:0/ PE Plasmalogen
CR	auci	id_409	-0.011	-0.045	0.010	0.332	-0.144	-0.272	-0.002	0.048	-0.155	-0.277	-0.026	0.020	0.068	-0.069	0.552	0.348	PE(P-18:0/ PE Plasmalogen
CR	auci	id_410	0.000	-0.007	0.015	0.854	-0.155	-0.279	-0.035	0.018	-0.155	-0.277	-0.036	0.020	0.002	-0.138	0.067	0.854	PE(P-18:0/ PE Plasmalogen
CR	auci	id_411	0.000	-0.010	0.008	0.946	-0.155	-0.270	-0.036	0.016	-0.155	-0.270	-0.035	0.014	0.001	-0.070	0.087	0.952	PE(P-18:1/ PE Plasmalogen
CR	auci	id_415	-0.002	-0.015	0.018	0.876	-0.153	-0.275	-0.034	0.016	-0.155	-0.272	-0.040	0.014	0.015	-0.154	0.167	0.874	PE(P-18:1/ PE Plasmalogen
CR	auci	id_419	-0.017	-0.043	0.001	0.058	-0.138	-0.266	-0.026	0.014	-0.155	-0.277	-0.046	0.012	0.110	-0.011	0.468	0.066	PE(P-18:1/ PE Plasmalogen
CR	auci	id_421	-0.016	-0.053	0.005	0.122	-0.138	-0.250	-0.020	0.024	-0.155	-0.269	-0.043	0.010	0.106	-0.052	0.545	0.132	PE(P-18:1/ PE Plasmalogen

CR	auci	id_422	-0.008	-0.030	0.007	0.308	-0.147	-0.271	-0.018	0.022	-0.155	-0.284	-0.032	0.010	0.052	-0.048	0.383	0.314	PE(P-18:1/ PE Plasmalogen
CR	auci	id_423	0.000	-0.008	0.012	0.966	-0.154	-0.281	-0.033	0.014	-0.155	-0.280	-0.034	0.010	0.002	-0.124	0.075	0.968	PE(P-18:1/ PE Plasmalogen
CR	auci	id_424	-0.003	-0.015	0.011	0.678	-0.152	-0.273	-0.038	0.010	-0.155	-0.274	-0.038	0.008	0.018	-0.083	0.120	0.678	PE(P-18:2/ PE Plasmalogen
CR	auci	id_425	-0.009	-0.025	0.007	0.226	-0.146	-0.275	-0.030	0.018	-0.155	-0.281	-0.042	0.014	0.060	-0.065	0.258	0.240	PE(P-18:2/ PE Plasmalogen
AL	auci	id_023	-0.013	-0.059	0.024	0.454	0.148	-0.049	0.357	0.134	0.135	-0.072	0.347	0.164	-0.093	-2.517	0.796	0.582	CE(15:0) CE Ester
AL	auci	id_024	0.010	-0.059	0.080	0.716	0.125	-0.059	0.309	0.196	0.135	-0.072	0.337	0.180	0.076	-1.561	1.392	0.672	CE(16:0) CE Ester
AL	auci	id_026	-0.020	-0.071	0.022	0.384	0.156	-0.029	0.338	0.096	0.135	-0.052	0.336	0.172	-0.150	-2.078	1.434	0.528	CE(17:0) CE Ester
AL	auci	id_027	-0.023	-0.088	0.028	0.418	0.159	-0.039	0.360	0.110	0.135	-0.068	0.336	0.172	-0.173	-3.192	2.061	0.566	CE(18:0) CE Ester
AL	auci	id_028	0.002	-0.055	0.059	0.914	0.133	-0.048	0.319	0.174	0.135	-0.044	0.326	0.160	0.018	-1.332	1.528	0.866	CE(18:1) CE Ester
AL	auci	id_029	0.014	-0.053	0.081	0.658	0.121	-0.072	0.317	0.200	0.135	-0.073	0.336	0.186	0.107	-1.315	1.381	0.616	CE(18:2) CE Ester
AL	auci	id_033	-0.012	-0.047	0.012	0.394	0.147	-0.057	0.351	0.152	0.135	-0.063	0.335	0.194	-0.090	-0.961	0.993	0.512	CE(20:1) CE Ester
AL	auci	id_034	0.000	-0.065	0.057	0.938	0.136	-0.061	0.332	0.166	0.135	-0.075	0.346	0.204	-0.002	-2.606	1.505	0.958	CE(20:2) CE Ester
AL	auci	id_035	0.007	-0.076	0.080	0.832	0.128	-0.044	0.317	0.162	0.135	-0.061	0.342	0.164	0.051	-1.727	2.034	0.752	CE(20:3) CE Ester
AL	auci	id_036	0.023	-0.060	0.100	0.508	0.112	-0.071	0.305	0.244	0.135	-0.072	0.353	0.182	0.171	-1.449	3.488	0.486	CE(20:4) CE Ester
AL	auci	id_041	0.002	-0.051	0.046	0.970	0.133	-0.063	0.325	0.198	0.135	-0.077	0.329	0.208	0.014	-1.153	1.360	0.890	CE(22:4) CE Ester
AL	auci	id_042	0.028	-0.030	0.082	0.362	0.107	-0.080	0.304	0.244	0.135	-0.059	0.342	0.198	0.208	-1.759	2.379	0.408	CE(22:5) CE Ester
AL	auci	id_043	0.016	-0.022	0.063	0.400	0.120	-0.074	0.335	0.194	0.135	-0.061	0.352	0.158	0.117	-0.653	0.954	0.458	CE(22:6) CE Ester
AL	auci	id_044	-0.014	-0.048	0.025	0.480	0.149	-0.050	0.359	0.142	0.135	-0.064	0.346	0.174	-0.102	-1.207	0.728	0.610	CE(24:0) CE Ester
AL	auci	id_045	-0.014	-0.047	0.023	0.404	0.150	-0.066	0.363	0.140	0.135	-0.077	0.356	0.168	-0.105	-1.263	0.902	0.524	CE(24:1) CE Ester
AL	auci	id_046	-0.006	-0.044	0.018	0.564	0.142	-0.063	0.330	0.176	0.135	-0.078	0.321	0.216	-0.047	-1.168	0.882	0.700	CER(14:0) Ceramide
AL	auci	id_047	-0.002	-0.058	0.035	0.938	0.137	-0.070	0.320	0.172	0.135	-0.076	0.333	0.218	-0.011	-1.096	1.233	0.948	CER(16:0) Ceramide
AL	auci	id_048	-0.025	-0.123	0.059	0.626	0.160	-0.017	0.329	0.080	0.135	-0.068	0.328	0.148	-0.181	-2.998	2.525	0.758	CER(18:0) Ceramide
AL	auci	id_049	-0.026	-0.090	0.008	0.156	0.161	-0.013	0.374	0.072	0.135	-0.053	0.347	0.158	-0.191	-2.150	1.727	0.310	CER(18:1) Ceramide
AL	auci	id_050	-0.020	-0.108	0.058	0.608	0.155	-0.029	0.337	0.092	0.135	-0.065	0.326	0.212	-0.144	-4.055	3.232	0.784	CER(20:0) Ceramide
AL	auci	id_051	-0.008	-0.056	0.037	0.800	0.143	-0.054	0.345	0.130	0.135	-0.061	0.340	0.166	-0.058	-1.511	1.129	0.910	CER(20:1) Ceramide
AL	auci	id_052	0.002	-0.073	0.071	0.956	0.133	-0.050	0.329	0.142	0.135	-0.064	0.338	0.158	0.016	-2.578	1.310	0.870	CER(22:0) Ceramide
AL	auci	id_053	-0.074	-0.172	0.006	0.068	0.209	0.018	0.393	0.028	0.135	-0.061	0.340	0.196	-0.545	-5.535	4.835	0.264	CER(22:1) Ceramide
AL	auci	id_054	0.007	-0.061	0.074	0.806	0.128	-0.064	0.319	0.202	0.135	-0.070	0.338	0.198	0.051	-1.375	1.347	0.784	CER(24:0) Ceramide
AL	auci	id_055	0.006	-0.061	0.076	0.860	0.129	-0.054	0.315	0.184	0.135	-0.060	0.337	0.196	0.046	-1.260	1.307	0.804	CER(24:1) Ceramide
AL	auci	id_057	0.000	-0.058	0.063	0.994	0.136	-0.046	0.328	0.138	0.135	-0.053	0.345	0.154	-0.003	-1.496	1.548	0.932	CER(26:1) Ceramide
AL	auci	id_116	-0.001	-0.036	0.044	0.976	0.136	-0.056	0.338	0.164	0.135	-0.052	0.344	0.176	-0.005	-0.833	0.889	0.976	DCER(14:0, Dihydroceramide

AL	auci	id_117	0.006	-0.058	0.057	0.840	0.129	-0.058	0.321	0.176	0.135	-0.061	0.337	0.182	0.047	-1.102	1.292	0.766	DCER(16:0) Dihydroceramide
AL	auci	id_118	-0.009	-0.073	0.044	0.722	0.144	-0.040	0.349	0.134	0.135	-0.062	0.337	0.158	-0.065	-2.046	0.930	0.812	DCER(18:0) Dihydroceramide
AL	auci	id_119	0.008	-0.021	0.037	0.612	0.127	-0.082	0.321	0.232	0.135	-0.073	0.333	0.210	0.061	-0.573	0.692	0.662	DCER(18:1) Dihydroceramide
AL	auci	id_120	-0.004	-0.065	0.049	0.892	0.139	-0.052	0.328	0.138	0.135	-0.054	0.326	0.176	-0.028	-2.047	1.436	0.980	DCER(20:0) Dihydroceramide
AL	auci	id_121	0.003	-0.031	0.027	0.906	0.132	-0.065	0.332	0.204	0.135	-0.063	0.334	0.196	0.025	-0.806	0.561	0.926	DCER(20:1) Dihydroceramide
AL	auci	id_122	-0.002	-0.079	0.056	0.968	0.137	-0.066	0.326	0.164	0.135	-0.081	0.333	0.212	-0.014	-1.850	2.134	0.912	DCER(22:0) Dihydroceramide
AL	auci	id_123	-0.003	-0.064	0.035	0.858	0.138	-0.070	0.340	0.190	0.135	-0.074	0.343	0.208	-0.020	-1.368	0.863	0.946	DCER(22:1) Dihydroceramide
AL	auci	id_124	0.002	-0.067	0.056	0.950	0.134	-0.047	0.324	0.152	0.135	-0.063	0.329	0.162	0.012	-1.579	1.399	0.864	DCER(22:2) Dihydroceramide
AL	auci	id_125	0.007	-0.060	0.064	0.884	0.128	-0.066	0.325	0.200	0.135	-0.079	0.352	0.186	0.054	-1.911	1.555	0.850	DCER(24:0) Dihydroceramide
AL	auci	id_126	-0.015	-0.083	0.039	0.596	0.150	-0.043	0.341	0.130	0.135	-0.059	0.342	0.184	-0.108	-1.985	1.396	0.708	DCER(24:1) Dihydroceramide
AL	auci	id_128	0.001	-0.024	0.024	0.968	0.135	-0.065	0.340	0.184	0.135	-0.055	0.339	0.174	0.006	-0.664	0.650	0.982	DCER(26:1) Dihydroceramide
AL	auci	id_129	0.000	-0.022	0.017	0.976	0.135	-0.071	0.337	0.162	0.135	-0.071	0.342	0.164	-0.001	-0.365	0.309	0.992	HCER(14:0) Hexosylceramide
AL	auci	id_130	0.000	-0.017	0.020	0.914	0.135	-0.077	0.332	0.214	0.135	-0.077	0.329	0.210	0.001	-0.330	0.413	0.920	HCER(16:0) Hexosylceramide
AL	auci	id_131	-0.001	-0.017	0.022	0.892	0.136	-0.060	0.337	0.188	0.135	-0.057	0.338	0.174	-0.006	-0.244	0.367	0.926	HCER(18:0) Hexosylceramide
AL	auci	id_132	-0.019	-0.078	0.010	0.288	0.155	-0.047	0.367	0.120	0.135	-0.058	0.353	0.172	-0.142	-2.000	1.166	0.412	HCER(18:1) Hexosylceramide
AL	auci	id_133	0.006	-0.016	0.037	0.654	0.129	-0.076	0.320	0.202	0.135	-0.077	0.326	0.194	0.044	-0.421	0.582	0.664	HCER(20:0) Hexosylceramide
AL	auci	id_134	-0.011	-0.054	0.019	0.514	0.146	-0.048	0.339	0.166	0.135	-0.056	0.332	0.192	-0.079	-1.568	0.916	0.610	HCER(20:1) Hexosylceramide
AL	auci	id_135	0.002	-0.028	0.039	0.868	0.133	-0.079	0.338	0.180	0.135	-0.083	0.343	0.186	0.018	-0.823	0.583	0.850	HCER(22:0) Hexosylceramide
AL	auci	id_136	-0.003	-0.032	0.025	0.860	0.138	-0.064	0.331	0.210	0.135	-0.065	0.326	0.212	-0.021	-0.635	0.562	0.876	HCER(22:1) Hexosylceramide
AL	auci	id_137	0.001	-0.018	0.024	0.944	0.134	-0.074	0.341	0.192	0.135	-0.068	0.341	0.186	0.007	-0.569	0.325	0.966	HCER(24:0) Hexosylceramide
AL	auci	id_138	0.000	-0.014	0.019	0.864	0.135	-0.074	0.353	0.194	0.135	-0.076	0.353	0.186	0.003	-0.409	0.420	0.850	HCER(24:1) Hexosylceramide
AL	auci	id_139	0.006	-0.027	0.041	0.744	0.130	-0.061	0.329	0.172	0.135	-0.056	0.339	0.162	0.042	-0.542	0.508	0.802	HCER(26:0) Hexosylceramide
AL	auci	id_141	0.005	-0.026	0.036	0.826	0.130	-0.050	0.338	0.188	0.135	-0.051	0.342	0.174	0.037	-0.830	0.787	0.840	LCER(14:0) Lactosylceramide
AL	auci	id_142	-0.002	-0.041	0.040	0.898	0.138	-0.054	0.337	0.154	0.135	-0.060	0.343	0.164	-0.018	-1.005	0.751	0.958	LCER(16:0) Lactosylceramide
AL	auci	id_144	0.000	-0.026	0.019	0.912	0.135	-0.062	0.367	0.186	0.135	-0.062	0.359	0.194	0.000	-0.338	0.454	0.938	LCER(18:1) Lactosylceramide
AL	auci	id_145	-0.003	-0.044	0.020	0.804	0.138	-0.066	0.349	0.184	0.135	-0.069	0.342	0.180	-0.023	-0.735	0.345	0.844	LCER(20:0) Lactosylceramide
AL	auci	id_146	0.000	-0.030	0.016	0.826	0.135	-0.050	0.358	0.164	0.135	-0.051	0.345	0.172	-0.001	-0.347	0.448	0.854	LCER(20:1) Lactosylceramide
AL	auci	id_147	0.003	-0.029	0.032	0.910	0.133	-0.060	0.353	0.162	0.135	-0.062	0.358	0.154	0.020	-0.441	0.558	0.912	LCER(22:0) Lactosylceramide
AL	auci	id_148	0.005	-0.028	0.047	0.712	0.130	-0.051	0.318	0.200	0.135	-0.047	0.325	0.184	0.040	-0.680	0.666	0.748	LCER(22:1) Lactosylceramide
AL	auci	id_149	0.004	-0.040	0.043	0.954	0.131	-0.064	0.339	0.186	0.135	-0.065	0.338	0.178	0.032	-0.804	0.922	0.912	LCER(24:0) Lactosylceramide
AL	auci	id_152	0.007	-0.013	0.038	0.596	0.128	-0.059	0.353	0.172	0.135	-0.061	0.361	0.154	0.051	-0.240	0.709	0.630	LCER(26:1) Lactosylceramide

AL	auci	id_154	0.021	-0.011	0.074	0.266	0.115	-0.080	0.318	0.280	0.135	-0.060	0.330	0.182	0.153	-1.310	1.886	0.396	LPC(15:0)	LPC Ester
AL	auci	id_157	-0.008	-0.059	0.038	0.732	0.143	-0.051	0.342	0.132	0.135	-0.058	0.332	0.182	-0.056	-1.316	1.507	0.834	LPC(17:0)	LPC Ester
AL	auci	id_170	0.000	-0.019	0.018	0.998	0.135	-0.076	0.330	0.204	0.135	-0.077	0.326	0.196	0.000	-0.372	0.382	0.998	LPC(22:6)	LPC Ester
AL	auci	id_181	0.003	-0.022	0.029	0.822	0.133	-0.068	0.328	0.202	0.135	-0.053	0.327	0.184	0.020	-0.440	0.856	0.890	LPE(20:4)	LPE Ester
AL	auci	id_186	0.003	-0.023	0.032	0.882	0.133	-0.069	0.332	0.222	0.135	-0.064	0.332	0.212	0.020	-0.562	0.573	0.922	MAG(12:0)	Ester
AL	auci	id_188	-0.001	-0.022	0.016	0.902	0.136	-0.075	0.351	0.190	0.135	-0.074	0.350	0.196	-0.006	-0.377	0.393	0.878	MAG(14:1)	Ester
AL	auci	id_189	-0.003	-0.030	0.018	0.840	0.138	-0.062	0.339	0.192	0.135	-0.068	0.335	0.198	-0.023	-0.590	0.421	0.898	MAG(15:0)	Ester
AL	auci	id_195	0.021	-0.012	0.071	0.254	0.114	-0.064	0.302	0.212	0.135	-0.050	0.329	0.160	0.158	-0.882	1.071	0.362	MAG(18:2)	Ester
AL	auci	id_203	0.000	-0.025	0.013	0.854	0.135	-0.071	0.351	0.166	0.135	-0.069	0.352	0.178	0.000	-0.350	0.240	0.888	MAG(20:5)	Ester
AL	auci	id_204	0.003	-0.022	0.032	0.872	0.132	-0.061	0.359	0.188	0.135	-0.052	0.359	0.180	0.023	-0.914	0.642	0.932	MAG(22:0)	Ester
AL	auci	id_205	-0.004	-0.033	0.019	0.764	0.139	-0.077	0.342	0.208	0.135	-0.077	0.343	0.208	-0.029	-0.793	0.436	0.800	MAG(22:1)	Ester
AL	auci	id_208	0.000	-0.025	0.015	0.862	0.135	-0.064	0.335	0.158	0.135	-0.061	0.329	0.162	0.001	-0.342	0.325	0.888	MAG(22:5)	Ester
AL	auci	id_209	-0.008	-0.050	0.017	0.546	0.144	-0.050	0.350	0.146	0.135	-0.063	0.341	0.154	-0.063	-0.903	0.529	0.624	MAG(22:6)	Ester
AL	auci	id_228	-0.003	-0.031	0.020	0.884	0.138	-0.070	0.337	0.190	0.135	-0.079	0.336	0.202	-0.021	-0.881	0.583	0.934	PC(15:0/18	PC Ester
AL	auci	id_230	0.005	-0.046	0.056	0.768	0.131	-0.063	0.324	0.200	0.135	-0.072	0.337	0.190	0.035	-1.925	1.181	0.730	PC(15:0/20	PC Ester
AL	auci	id_241	0.004	-0.018	0.041	0.650	0.131	-0.062	0.317	0.208	0.135	-0.054	0.329	0.182	0.032	-0.562	0.687	0.692	PC(16:0/18	PC Ester
AL	auci	id_254	-0.002	-0.033	0.021	0.840	0.137	-0.050	0.338	0.182	0.135	-0.052	0.333	0.184	-0.016	-0.688	0.504	0.892	PC(17:0/18	PC Ester
AL	auci	id_257	0.010	-0.031	0.058	0.616	0.125	-0.086	0.317	0.266	0.135	-0.079	0.329	0.244	0.078	-0.786	1.061	0.676	PC(17:0/20	PC Ester
AL	auci	id_272	0.012	-0.060	0.093	0.726	0.123	-0.069	0.307	0.200	0.135	-0.065	0.335	0.194	0.091	-1.625	2.185	0.652	PC(18:0/20	PC Ester
AL	auci	id_279	0.000	-0.020	0.015	0.850	0.136	-0.060	0.334	0.164	0.135	-0.056	0.328	0.166	-0.002	-0.285	0.292	0.856	PC(18:1/18	PC Ester
AL	auci	id_283	-0.019	-0.081	0.013	0.316	0.154	-0.034	0.343	0.104	0.135	-0.060	0.325	0.156	-0.139	-1.470	1.115	0.444	PC(18:1/20	PC Ester
AL	auci	id_284	0.000	-0.060	0.052	0.980	0.135	-0.053	0.330	0.162	0.135	-0.070	0.341	0.178	0.003	-1.257	1.056	0.914	PC(18:1/20	PC Ester
AL	auci	id_289	-0.001	-0.023	0.025	0.962	0.137	-0.067	0.333	0.180	0.135	-0.073	0.334	0.176	-0.009	-0.375	0.581	0.998	PC(18:2/16	PC Ester
AL	auci	id_354	-0.012	-0.063	0.014	0.428	0.148	-0.036	0.354	0.104	0.135	-0.045	0.335	0.146	-0.091	-1.183	0.774	0.530	PE(18:1/22	PE Ester
AL	auci	id_386	-0.012	-0.079	0.051	0.624	0.147	-0.045	0.347	0.128	0.135	-0.059	0.344	0.176	-0.089	-1.615	1.240	0.724	PE(P-16:0/	PE Plasmalogen
AL	auci	id_398	0.004	-0.058	0.064	0.896	0.131	-0.068	0.320	0.170	0.135	-0.075	0.337	0.186	0.030	-1.205	1.839	0.810	PE(P-18:0/	PE Plasmalogen
AL	auci	id_405	-0.010	-0.087	0.051	0.756	0.145	-0.043	0.350	0.126	0.135	-0.062	0.352	0.166	-0.070	-2.385	1.567	0.874	PE(P-18:0/	PE Plasmalogen
AL	auci	id_414	-0.002	-0.062	0.053	0.954	0.138	-0.053	0.332	0.156	0.135	-0.060	0.342	0.190	-0.018	-1.508	1.325	0.964	PE(P-18:1/	PE Plasmalogen
AL	auci	id_448	0.001	-0.051	0.052	0.992	0.135	-0.065	0.327	0.190	0.135	-0.069	0.340	0.202	0.005	-1.695	1.226	0.938	SM(14:0)	Sphingomyelin
AL	auci	id_449	0.001	-0.051	0.052	0.936	0.134	-0.063	0.322	0.208	0.135	-0.068	0.326	0.206	0.008	-1.491	1.221	0.874	SM(16:0)	Sphingomyelin
AL	auci	id_450	-0.004	-0.076	0.063	0.906	0.140	-0.044	0.350	0.124	0.135	-0.056	0.357	0.168	-0.032	-1.924	1.974	0.982	SM(18:0)	Sphingomyelin

AL	auci	id_451	0.001	-0.073	0.066	0.996	0.134	-0.051	0.334	0.178	0.135	-0.061	0.349	0.184	0.008	-2.440	1.662	0.920	SM(18:1)	Sphingomyelin
AL	auci	id_452	0.006	-0.015	0.048	0.644	0.130	-0.082	0.329	0.220	0.135	-0.076	0.337	0.180	0.042	-0.579	0.964	0.696	SM(20:0)	Sphingomyelin
AL	auci	id_453	0.000	-0.073	0.065	0.970	0.135	-0.051	0.325	0.146	0.135	-0.060	0.341	0.174	0.000	-2.702	1.793	0.928	SM(20:1)	Sphingomyelin
AL	auci	id_454	0.006	-0.027	0.046	0.710	0.129	-0.078	0.329	0.244	0.135	-0.070	0.338	0.222	0.045	-0.674	0.839	0.744	SM(22:0)	Sphingomyelin
AL	auci	id_455	0.024	-0.030	0.089	0.390	0.112	-0.086	0.288	0.250	0.135	-0.059	0.328	0.194	0.175	-1.219	2.501	0.420	SM(22:1)	Sphingomyelin
AL	auci	id_456	0.016	-0.054	0.083	0.662	0.119	-0.074	0.313	0.218	0.135	-0.070	0.343	0.198	0.119	-1.729	1.448	0.628	SM(24:0)	Sphingomyelin
AL	auci	id_457	0.013	-0.037	0.078	0.604	0.122	-0.066	0.310	0.212	0.135	-0.068	0.340	0.164	0.099	-1.070	1.450	0.608	SM(24:1)	Sphingomyelin
AL	auci	id_458	-0.003	-0.033	0.020	0.784	0.138	-0.067	0.339	0.172	0.135	-0.064	0.341	0.178	-0.024	-0.561	0.491	0.854	SM(26:0)	Sphingomyelin
AL	auci	id_459	-0.001	-0.042	0.036	0.958	0.136	-0.072	0.328	0.170	0.135	-0.070	0.328	0.186	-0.008	-0.853	0.704	0.980	SM(26:1)	Sphingomyelin
AL	auci	id_660	-0.020	-0.107	0.050	0.606	0.155	-0.026	0.330	0.086	0.135	-0.056	0.331	0.192	-0.148	-4.182	3.232	0.762	TAG51:3-F/ TAG Ester	
AL	auci	id_663	-0.003	-0.059	0.033	0.796	0.138	-0.058	0.333	0.160	0.135	-0.060	0.341	0.186	-0.022	-1.320	0.989	0.882	TAG51:3-F/ TAG Ester	
AL	auci	id_667	-0.008	-0.080	0.070	0.872	0.143	-0.037	0.321	0.150	0.135	-0.064	0.327	0.182	-0.060	-2.123	1.380	0.998	TAG51:4-F/ TAG Ester	
AL	auci	id_755	0.039	-0.006	0.100	0.098	0.096	-0.092	0.302	0.302	0.135	-0.059	0.351	0.162	0.288	-1.159	2.594	0.228	TAG53:3-F/ TAG Ester	
AL	auci	id_760	-0.013	-0.082	0.037	0.692	0.148	-0.043	0.346	0.146	0.135	-0.065	0.352	0.214	-0.093	-2.108	3.101	0.830	TAG53:4-F/ TAG Ester	
AL	auci	id_761	0.003	-0.059	0.045	0.986	0.133	-0.053	0.341	0.192	0.135	-0.057	0.338	0.198	0.020	-1.196	1.461	0.948	TAG53:4-F/ TAG Ester	
AL	auci	id_765	0.015	-0.025	0.058	0.438	0.121	-0.064	0.319	0.220	0.135	-0.059	0.345	0.180	0.109	-0.674	0.833	0.514	TAG53:5-F/ TAG Ester	
AL	auci	id_766	0.002	-0.033	0.039	0.832	0.133	-0.060	0.356	0.200	0.135	-0.056	0.368	0.190	0.016	-0.737	0.783	0.846	TAG53:5-F/ TAG Ester	
AL	auci	id_769	0.003	-0.028	0.025	0.850	0.132	-0.066	0.340	0.174	0.135	-0.063	0.342	0.180	0.026	-0.515	0.454	0.842	TAG53:6-F/ TAG Ester	
AL	auci	id_770	0.021	-0.031	0.076	0.462	0.115	-0.075	0.314	0.260	0.135	-0.060	0.344	0.172	0.152	-1.519	1.935	0.506	TAG53:6-F/ TAG Ester	
AL	auci	id_771	0.003	-0.037	0.040	0.912	0.133	-0.074	0.324	0.184	0.135	-0.074	0.331	0.190	0.019	-0.793	0.495	0.866	TAG53:6-F/ TAG Ester	
AL	auci	id_773	-0.005	-0.066	0.020	0.700	0.140	-0.067	0.342	0.160	0.135	-0.065	0.331	0.180	-0.037	-1.320	0.752	0.768	TAG53:7-F/ TAG Ester	
AL	auci	id_856	0.009	-0.041	0.048	0.686	0.127	-0.059	0.328	0.200	0.135	-0.051	0.333	0.176	0.064	-0.818	1.025	0.686	TAG55:6-F/ TAG Ester	
AL	auci	id_857	0.000	-0.022	0.024	0.990	0.135	-0.060	0.338	0.182	0.135	-0.059	0.333	0.186	0.002	-0.375	0.363	0.988	TAG55:6-F/ TAG Ester	
AL	auci	id_860	0.000	-0.071	0.050	0.980	0.135	-0.050	0.352	0.146	0.135	-0.051	0.341	0.168	0.003	-1.204	1.442	0.892	TAG55:7-F/ TAG Ester	
AL	auci	id_861	0.008	-0.028	0.049	0.638	0.127	-0.070	0.329	0.234	0.135	-0.073	0.344	0.204	0.060	-0.756	1.269	0.634	TAG55:7-F/ TAG Ester	
AL	auci	id_862	-0.002	-0.042	0.031	0.896	0.138	-0.059	0.333	0.166	0.135	-0.064	0.337	0.180	-0.018	-0.872	0.548	0.960	TAG55:7-F/ TAG Ester	
AL	auci	id_864	0.013	-0.034	0.062	0.550	0.122	-0.076	0.315	0.200	0.135	-0.068	0.342	0.172	0.096	-0.749	1.030	0.594	TAG55:8-F/ TAG Ester	
AL	auci	id_939	0.001	-0.020	0.024	0.894	0.134	-0.074	0.341	0.206	0.135	-0.070	0.346	0.200	0.006	-0.311	0.319	0.922	TAG57:9-F/ TAG Ester	
AL	auci	id_978	0.007	-0.075	0.085	0.948	0.128	-0.047	0.315	0.154	0.135	-0.062	0.344	0.182	0.051	-1.913	2.407	0.818	Total CE	Cholesteryl Esters
AL	auci	id_979	0.006	-0.069	0.077	0.880	0.129	-0.052	0.328	0.150	0.135	-0.058	0.349	0.158	0.046	-1.547	2.064	0.806	Total CER	Ceramides
AL	auci	id_981	0.010	-0.052	0.075	0.722	0.125	-0.075	0.337	0.178	0.135	-0.073	0.364	0.164	0.076	-1.113	1.217	0.710	Total DCER	Dihydroceramides

AL	auci	id_982	0.001	-0.017	0.027	0.846	0.134	-0.060	0.332	0.198	0.135	-0.058	0.335	0.184	0.007	-0.443	0.436	0.878	Total HCER	Hexosylceramides
AL	auci	id_983	-0.001	-0.036	0.040	0.960	0.136	-0.059	0.337	0.184	0.135	-0.062	0.338	0.160	-0.005	-0.925	0.911	0.920	Total LCER	Lactosylceramides
AL	auci	id_987	0.004	-0.042	0.057	0.868	0.131	-0.065	0.345	0.194	0.135	-0.065	0.347	0.208	0.031	-0.974	1.473	0.828	Total PC	Phosphatidylcholines
AL	auci	id_990	0.009	-0.047	0.078	0.774	0.126	-0.060	0.327	0.188	0.135	-0.056	0.346	0.176	0.069	-1.281	1.218	0.722	Total SM	Sphingomyelins
AL	auci	id_039	-0.009	-0.040	0.014	0.416	0.145	-0.069	0.358	0.190	0.135	-0.083	0.352	0.208	-0.069	-0.797	0.612	0.556	CE(22:1)	CE Ester
AL	auci	id_060	0.007	-0.037	0.038	0.596	0.128	-0.068	0.319	0.206	0.135	-0.068	0.323	0.210	0.054	-0.798	0.678	0.654	DAG(12:0/1)	DAG Ester
AL	auci	id_071	-0.010	-0.063	0.048	0.734	0.146	-0.050	0.338	0.156	0.135	-0.055	0.335	0.198	-0.076	-2.084	1.210	0.860	DAG(14:1/1)	DAG Ester
AL	auci	id_072	0.004	-0.022	0.050	0.730	0.131	-0.056	0.332	0.188	0.135	-0.049	0.340	0.178	0.030	-0.432	0.727	0.748	DAG(14:1/1)	DAG Ester
AL	auci	id_150	-0.003	-0.056	0.057	0.926	0.138	-0.064	0.314	0.198	0.135	-0.077	0.317	0.204	-0.021	-1.284	1.244	0.962	LCER(24:1)	Lactosylceramide
AL	auci	id_151	0.002	-0.030	0.028	0.998	0.134	-0.077	0.349	0.194	0.135	-0.070	0.350	0.188	0.012	-0.639	0.486	0.986	LCER(26:0)	Lactosylceramide
AL	auci	id_160	-0.019	-0.102	0.045	0.618	0.155	-0.029	0.366	0.104	0.135	-0.070	0.353	0.178	-0.144	-2.696	2.302	0.744	LPC(18:2)	LPC Ester
AL	auci	id_196	-0.008	-0.068	0.035	0.686	0.144	-0.059	0.345	0.144	0.135	-0.066	0.345	0.182	-0.063	-1.434	1.200	0.772	MAG(18:3)	Ester
AL	auci	id_199	-0.003	-0.027	0.014	0.830	0.138	-0.065	0.337	0.166	0.135	-0.068	0.336	0.174	-0.019	-0.418	0.527	0.872	MAG(20:1)	Ester
AL	auci	id_200	-0.002	-0.046	0.030	0.900	0.137	-0.049	0.324	0.154	0.135	-0.049	0.319	0.178	-0.014	-1.869	0.753	0.958	MAG(20:2)	Ester
AL	auci	id_201	-0.004	-0.064	0.053	0.870	0.139	-0.055	0.336	0.168	0.135	-0.066	0.341	0.200	-0.027	-1.447	1.461	0.950	MAG(20:3)	Ester
AL	auci	id_251	0.003	-0.021	0.033	0.758	0.132	-0.060	0.334	0.174	0.135	-0.052	0.335	0.168	0.021	-0.439	0.613	0.786	PC(16:0/22)	PC Ester
AL	auci	id_288	-0.003	-0.036	0.017	0.818	0.138	-0.055	0.340	0.170	0.135	-0.057	0.339	0.174	-0.020	-0.595	0.349	0.824	PC(18:1/22)	PC Ester
AL	auci	id_293	-0.001	-0.020	0.019	0.990	0.137	-0.081	0.343	0.206	0.135	-0.079	0.342	0.200	-0.010	-0.352	0.419	0.970	PC(18:2/20)	PC Ester
AL	auci	id_298	-0.006	-0.041	0.020	0.684	0.141	-0.059	0.352	0.162	0.135	-0.067	0.345	0.178	-0.044	-0.656	0.585	0.730	PC(18:2/22)	PC Ester
AL	auci	id_332	0.033	-0.035	0.105	0.324	0.102	-0.082	0.298	0.310	0.135	-0.070	0.349	0.198	0.244	-1.575	1.590	0.386	PE(18:0/18)	PE Ester
AL	auci	id_359	0.025	-0.015	0.072	0.260	0.111	-0.091	0.308	0.242	0.135	-0.066	0.334	0.164	0.183	-1.361	1.458	0.364	PE(18:2/16)	PE Ester
AL	auci	id_366	0.004	-0.031	0.038	0.752	0.131	-0.068	0.339	0.224	0.135	-0.073	0.356	0.210	0.029	-0.553	0.870	0.746	PE(O-16:0/)	PE Ether
AL	auci	id_368	-0.002	-0.051	0.050	0.960	0.137	-0.064	0.340	0.166	0.135	-0.061	0.337	0.178	-0.016	-0.926	1.371	0.970	PE(O-16:0/)	PE Ether
AL	auci	id_372	-0.007	-0.046	0.017	0.566	0.142	-0.072	0.346	0.192	0.135	-0.078	0.332	0.212	-0.051	-0.798	0.581	0.638	PE(O-16:0/)	PE Ether
AL	auci	id_378	-0.002	-0.057	0.039	0.906	0.137	-0.059	0.336	0.176	0.135	-0.063	0.337	0.190	-0.016	-1.145	0.744	0.980	PE(O-18:0/)	PE Ether
AL	auci	id_381	0.003	-0.059	0.074	0.908	0.132	-0.054	0.314	0.192	0.135	-0.056	0.333	0.216	0.024	-1.704	1.593	0.816	PE(O-18:0/)	PE Ether
AL	auci	id_382	0.000	-0.041	0.025	0.936	0.135	-0.064	0.349	0.178	0.135	-0.070	0.347	0.180	0.002	-0.887	0.573	0.956	PE(O-18:0/)	PE Ether
AL	auci	id_387	0.003	-0.047	0.040	0.928	0.133	-0.070	0.322	0.206	0.135	-0.071	0.328	0.224	0.020	-0.954	1.273	0.884	PE(P-16:0/)	PE Plasmalogen
AL	auci	id_392	-0.020	-0.087	0.050	0.558	0.156	-0.027	0.335	0.110	0.135	-0.061	0.333	0.178	-0.151	-3.168	1.659	0.704	PE(P-16:0/)	PE Plasmalogen
AL	auci	id_395	0.012	-0.086	0.108	0.824	0.123	-0.042	0.305	0.156	0.135	-0.053	0.344	0.176	0.088	-2.534	3.021	0.724	PE(P-16:0/)	PE Plasmalogen
AL	auci	id_396	0.001	-0.045	0.049	0.914	0.134	-0.063	0.321	0.162	0.135	-0.063	0.333	0.184	0.007	-0.958	1.181	0.862	PE(P-16:0/)	PE Plasmalogen

AL	auci	id_401	0.004	-0.054	0.055	0.896	0.132	-0.056	0.332	0.186	0.135	-0.064	0.330	0.194	0.027	-1.293	1.200	0.858	PE(P-18:0/: PE Plasmalogen
AL	auci	id_402	0.005	-0.032	0.048	0.762	0.130	-0.052	0.341	0.170	0.135	-0.055	0.350	0.170	0.040	-1.029	0.816	0.768	PE(P-18:0/: PE Plasmalogen
AL	auci	id_406	-0.008	-0.082	0.062	0.826	0.144	-0.035	0.330	0.138	0.135	-0.061	0.340	0.196	-0.061	-2.279	1.977	0.974	PE(P-18:0/: PE Plasmalogen
AL	auci	id_409	-0.009	-0.100	0.064	0.850	0.144	-0.028	0.343	0.116	0.135	-0.053	0.351	0.178	-0.067	-2.813	3.596	0.968	PE(P-18:0/: PE Plasmalogen
AL	auci	id_410	0.006	-0.031	0.041	0.752	0.130	-0.067	0.335	0.176	0.135	-0.064	0.339	0.182	0.041	-0.538	0.906	0.734	PE(P-18:0/: PE Plasmalogen
AL	auci	id_411	0.014	-0.055	0.074	0.658	0.121	-0.054	0.336	0.194	0.135	-0.060	0.347	0.156	0.104	-1.162	2.219	0.642	PE(P-18:1/: PE Plasmalogen
AL	auci	id_415	-0.002	-0.045	0.036	0.940	0.137	-0.057	0.339	0.186	0.135	-0.067	0.333	0.194	-0.016	-1.072	1.022	0.974	PE(P-18:1/: PE Plasmalogen
AL	auci	id_419	-0.026	-0.110	0.046	0.462	0.161	-0.034	0.340	0.116	0.135	-0.080	0.317	0.244	-0.193	-4.088	3.408	0.682	PE(P-18:1/: PE Plasmalogen
AL	auci	id_421	-0.064	-0.140	-0.008	0.018	0.199	0.013	0.413	0.026	0.135	-0.051	0.344	0.162	-0.473	-5.344	4.740	0.180	PE(P-18:1/: PE Plasmalogen
AL	auci	id_422	-0.008	-0.097	0.072	0.868	0.144	-0.046	0.323	0.124	0.135	-0.064	0.330	0.162	-0.062	-2.165	1.577	0.962	PE(P-18:1/: PE Plasmalogen
AL	auci	id_423	0.000	-0.050	0.044	0.912	0.135	-0.060	0.324	0.150	0.135	-0.065	0.339	0.172	0.001	-1.019	0.951	0.984	PE(P-18:1/: PE Plasmalogen
AL	auci	id_424	-0.007	-0.050	0.017	0.592	0.142	-0.072	0.336	0.170	0.135	-0.076	0.334	0.190	-0.052	-0.720	0.549	0.654	PE(P-18:2/: PE Plasmalogen
AL	auci	id_425	-0.002	-0.052	0.055	0.976	0.137	-0.046	0.336	0.180	0.135	-0.052	0.335	0.186	-0.016	-1.525	1.036	0.962	PE(P-18:2/: PE Plasmalogen

Table S16 C. Mediation results ceramides BL-12M AUCI corrected for covariates (age, sex, total energy expenditure)

Group	Clinic al	Metabolit e	ACME_es timate	ACME_CI _low	ACME_CI _high	ACME_p	ADE_est			ADE_p	Total_eff			Total_p	Proporti on_med		Prop_me d_CI_hig		Prop_m ed_p	Biochemic al	Subgroup
							imate	ow	high		ect	_low	igh		iated	_CI_low	h				
AL	auci	id_046	-0.011	-0.086	0.064	0.762	0.138	-0.077	0.341	0.216	0.127	-0.092	0.342	0.292	-0.083	-2.223	1.945	0.942	CER(14:0)	Ceramide	
AL	auci	id_047	0.007	-0.094	0.117	0.868	0.120	-0.078	0.319	0.246	0.127	-0.097	0.365	0.244	0.056	-3.286	3.523	0.76	CER(16:0)	Ceramide	
AL	auci	id_048	0.020	-0.090	0.138	0.684	0.107	-0.081	0.288	0.294	0.127	-0.095	0.337	0.252	0.161	-2.594	3.092	0.592	CER(18:0)	Ceramide	
AL	auci	id_049	-0.007	-0.086	0.065	0.794	0.134	-0.074	0.337	0.214	0.127	-0.088	0.337	0.266	-0.054	-3.318	2.484	0.936	CER(18:1)	Ceramide	
AL	auci	id_050	0.028	-0.092	0.148	0.644	0.100	-0.099	0.309	0.318	0.127	-0.094	0.361	0.294	0.217	-3.343	2.699	0.558	CER(20:0)	Ceramide	
AL	auci	id_051	-0.012	-0.080	0.056	0.690	0.139	-0.096	0.350	0.230	0.127	-0.122	0.343	0.278	-0.097	-2.036	1.859	0.824	CER(20:1)	Ceramide	
AL	auci	id_052	0.012	-0.119	0.148	0.884	0.115	-0.072	0.307	0.240	0.127	-0.095	0.346	0.276	0.096	-4.835	3.025	0.732	CER(22:0)	Ceramide	
AL	auci	id_053	-0.028	-0.150	0.087	0.626	0.155	-0.020	0.353	0.114	0.127	-0.085	0.362	0.274	-0.224	-5.947	3.937	0.864	CER(22:1)	Ceramide	
AL	auci	id_054	-0.016	-0.127	0.124	0.794	0.143	-0.038	0.334	0.146	0.127	-0.095	0.348	0.268	-0.129	-4.827	3.446	0.99	CER(24:0)	Ceramide	
AL	auci	id_055	0.018	-0.065	0.110	0.648	0.110	-0.087	0.318	0.268	0.127	-0.092	0.372	0.222	0.138	-1.409	2.055	0.574	CER(24:1)	Ceramide	
AL	auci	id_057	-0.012	-0.091	0.049	0.710	0.139	-0.077	0.358	0.224	0.127	-0.097	0.341	0.278	-0.097	-1.951	1.871	0.864	CER(26:1)	Ceramide	
AL	auci	id_979	-0.003	-0.128	0.132	0.942	0.130	-0.068	0.316	0.186	0.127	-0.085	0.359	0.250	-0.022	-3.925	2.938	0.896	Total CER	Ceramides	
CR	auci	id_046	-0.010	-0.059	0.008	0.208	-0.216	-0.343	-0.083	0.000	-0.226	-0.356	-0.094	0.000	0.042	-0.044	0.274	0.208	CER(14:0)	Ceramide	

CR	auci	id_047	-0.008	-0.051	0.003	0.132	-0.218	-0.353	-0.098	0.002	-0.226	-0.358	-0.108	0.002	0.036	-0.011	0.271	0.134	CER(16:0)	Ceramide
CR	auci	id_048	-0.043	-0.153	-0.017	0.000	-0.184	-0.305	-0.020	0.028	-0.226	-0.343	-0.101	0.000	0.188	0.065	0.875	0	CER(18:0)	Ceramide
CR	auci	id_049	-0.009	-0.064	0.004	0.146	-0.217	-0.340	-0.072	0.002	-0.226	-0.349	-0.095	0.000	0.042	-0.014	0.346	0.146	CER(18:1)	Ceramide
CR	auci	id_050	-0.023	-0.106	-0.006	0.002	-0.203	-0.328	-0.049	0.012	-0.226	-0.348	-0.096	0.000	0.100	0.024	0.599	0.002	CER(20:0)	Ceramide
CR	auci	id_051	-0.018	-0.069	-0.006	0.002	-0.208	-0.333	-0.075	0.002	-0.226	-0.357	-0.097	0.000	0.079	0.025	0.363	0.002	CER(20:1)	Ceramide
CR	auci	id_052	-0.013	-0.079	0.002	0.086	-0.213	-0.336	-0.068	0.000	-0.226	-0.354	-0.100	0.000	0.059	-0.009	0.411	0.086	CER(22:0)	Ceramide
CR	auci	id_053	-0.023	-0.135	-0.006	0.004	-0.203	-0.326	-0.022	0.024	-0.226	-0.353	-0.098	0.000	0.103	0.023	0.798	0.004	CER(22:1)	Ceramide
CR	auci	id_054	-0.010	-0.052	0.004	0.148	-0.216	-0.343	-0.079	0.002	-0.226	-0.351	-0.093	0.000	0.046	-0.018	0.278	0.148	CER(24:0)	Ceramide
CR	auci	id_055	-0.012	-0.048	0.001	0.074	-0.214	-0.340	-0.073	0.002	-0.226	-0.350	-0.093	0.002	0.054	-0.005	0.293	0.076	CER(24:1)	Ceramide
CR	auci	id_057	-0.003	-0.019	0.010	0.608	-0.223	-0.343	-0.103	0.000	-0.226	-0.348	-0.106	0.000	0.013	-0.052	0.108	0.608	CER(26:1)	Ceramide
CR	auci	id_979	-0.013	-0.067	0.001	0.062	-0.214	-0.339	-0.073	0.004	-0.226	-0.353	-0.098	0.000	0.055	-0.003	0.324	0.062	Total CER	Ceramides

Table S16 D. Mediation results ceramides BL-24M AUCI corrected for covariates (age, sex, total energy expenditure)

Group	Clinic al	Metabolit e	ACME_es timate	ACME_CI _low	ACME_CI _high	ACME_p	ADE_est imate	ADE_CI_l ow	ADE_CI_ high	ADE_p ect	Total_eff ect	Total_CI _low	Total_CI_h igh	Total_p	Proporti	Prop_me	d_CI_hig h	Prop_m ed_p	Biochemic al	Subgroup
															on_med	Prop_med				
AL	auci	id_046	-0.008	-0.053	0.022	0.652	0.127	-0.064	0.325	0.206	0.119	-0.076	0.313	0.240	-0.066	-1.221	0.911	0.764	CER(14:0)	Ceramide
AL	auci	id_047	-0.003	-0.058	0.042	0.880	0.122	-0.058	0.329	0.202	0.119	-0.065	0.317	0.220	-0.025	-1.462	1.102	0.972	CER(16:0)	Ceramide
AL	auci	id_048	-0.031	-0.136	0.046	0.418	0.149	-0.022	0.334	0.092	0.119	-0.078	0.313	0.222	-0.256	-5.183	4.437	0.624	CER(18:0)	Ceramide
AL	auci	id_049	-0.030	-0.090	0.005	0.134	0.149	-0.035	0.347	0.124	0.119	-0.067	0.322	0.218	-0.249	-2.593	1.922	0.344	CER(18:1)	Ceramide
AL	auci	id_050	-0.025	-0.110	0.047	0.470	0.144	-0.028	0.330	0.120	0.119	-0.066	0.323	0.240	-0.214	-3.669	2.553	0.666	CER(20:0)	Ceramide
AL	auci	id_051	-0.009	-0.062	0.025	0.652	0.128	-0.061	0.324	0.196	0.119	-0.073	0.312	0.224	-0.079	-1.293	1.073	0.812	CER(20:1)	Ceramide
AL	auci	id_052	-0.001	-0.082	0.065	0.934	0.120	-0.050	0.306	0.174	0.119	-0.083	0.310	0.218	-0.011	-1.703	2.035	0.932	CER(22:0)	Ceramide
AL	auci	id_053	-0.075	-0.187	0.003	0.056	0.194	0.014	0.370	0.026	0.119	-0.070	0.322	0.238	-0.627	-8.267	9.747	0.294	CER(22:1)	Ceramide
AL	auci	id_054	0.005	-0.066	0.072	0.856	0.114	-0.062	0.307	0.204	0.119	-0.070	0.321	0.220	0.041	-1.618	2.027	0.768	CER(24:0)	Ceramide
AL	auci	id_055	0.002	-0.052	0.060	0.968	0.117	-0.064	0.312	0.206	0.119	-0.068	0.313	0.216	0.019	-1.407	1.320	0.868	CER(24:1)	Ceramide
AL	auci	id_057	-0.002	-0.052	0.050	0.934	0.121	-0.075	0.320	0.212	0.119	-0.083	0.331	0.238	-0.016	-1.641	1.831	0.952	CER(26:1)	Ceramide
AL	auci	id_979	0.003	-0.072	0.074	0.934	0.116	-0.073	0.304	0.224	0.119	-0.093	0.320	0.232	0.023	-2.685	1.998	0.838	Total CER	Ceramides
CR	auci	id_046	-0.006	-0.040	0.005	0.228	-0.205	-0.322	-0.081	0.000	-0.212	-0.328	-0.093	0.000	0.030	-0.025	0.217	0.228	CER(14:0)	Ceramide
CR	auci	id_047	-0.005	-0.035	0.006	0.300	-0.207	-0.317	-0.068	0.004	-0.212	-0.327	-0.080	0.002	0.024	-0.033	0.209	0.302	CER(16:0)	Ceramide
CR	auci	id_048	-0.038	-0.144	-0.010	0.006	-0.174	-0.295	-0.007	0.038	-0.212	-0.332	-0.088	0.000	0.180	0.039	0.936	0.006	CER(18:0)	Ceramide

CR	auci	id_049	-0.013	-0.080	0.000	0.046	-0.199	-0.316	-0.050	0.000	-0.212	-0.333	-0.086	0.000	0.060	0.000	0.500	0.046	CER(18:1)	Ceramide
CR	auci	id_050	-0.012	-0.072	0.004	0.146	-0.199	-0.309	-0.056	0.006	-0.212	-0.321	-0.086	0.000	0.059	-0.019	0.452	0.146	CER(20:0)	Ceramide
CR	auci	id_051	-0.025	-0.113	-0.009	0.002	-0.187	-0.305	-0.039	0.010	-0.212	-0.330	-0.080	0.000	0.119	0.042	0.644	0.002	CER(20:1)	Ceramide
CR	auci	id_052	-0.013	-0.071	0.000	0.042	-0.198	-0.314	-0.068	0.004	-0.212	-0.329	-0.091	0.004	0.064	0.001	0.394	0.046	CER(22:0)	Ceramide
CR	auci	id_053	-0.022	-0.122	-0.006	0.004	-0.190	-0.305	-0.038	0.018	-0.212	-0.334	-0.100	0.000	0.105	0.025	0.707	0.004	CER(22:1)	Ceramide
CR	auci	id_054	-0.011	-0.041	0.000	0.048	-0.201	-0.330	-0.068	0.000	-0.212	-0.341	-0.090	0.000	0.050	0.000	0.232	0.048	CER(24:0)	Ceramide
CR	auci	id_055	-0.011	-0.047	0.002	0.114	-0.201	-0.318	-0.082	0.004	-0.212	-0.328	-0.096	0.002	0.052	-0.012	0.251	0.116	CER(24:1)	Ceramide
CR	auci	id_057	-0.002	-0.017	0.010	0.650	-0.210	-0.333	-0.089	0.000	-0.212	-0.335	-0.094	0.000	0.010	-0.049	0.097	0.65	CER(26:1)	Ceramide
CR	auci	id_979	-0.012	-0.055	-0.001	0.022	-0.200	-0.316	-0.071	0.002	-0.212	-0.325	-0.091	0.000	0.056	0.007	0.329	0.022	Total CER	Ceramides

Table S17. Relative and absolute amount of missing data points

Variable	n miss BL	pct miss BL	n miss 12 n	pct miss 12 n	n miss 24 n	pct miss 24 months
BMI	0	0	0	0	0	0
Energy expen	2	1.04712	3	1.570681	3	1.570681
Fat free ma	0	0	1	0.52356	0	0
Fasting gluc	1	0.52356	2	1.04712	0	0
Fat mass	0	0	1	0.52356	0	0
HDL	1	0.52356	2	1.04712	0	0
IGF-1	2	1.04712	2	1.04712	0	0
IGFBP-1	1	0.52356	2	1.04712	0	0
Insulin	1	0.52356	2	1.04712	0	0
self reporte	0	0	4	2.094241	5	2.617801
LDL	1	0.52356	3	1.570681	0	0
Leptin	1	0.52356	2	1.04712	0	0
Systolic blo	0	0	2	1.04712	0	0
T3	1	0.52356	2	1.04712	0	0
Triglyceride	1	0.52356	2	1.04712	0	0
TNFa	1	0.52356	2	1.04712	2	1.04712
Waist circu	0	0	2	1.04712	0	0
Weight	0	0	1	0.52356	0	0
AUC glucos	42	21.98953	8	4.188482	5	2.617801
AUC insulin	57	29.84293	33	17.27749	6	3.141361