

Title: Tankyrase Inhibition Via XAV-939 Enhances Osteoblastogenesis and Mineralization of Human Skeletal (Mesenchymal) Stem Cells

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Supplementary Table 1. List of differentially expressed genes (2.0 FC, p corr <0.05) in human bone marrow mesenchymal stem cells (hBMSCs) differentiated into osteoblasts (day 10) in the presence of XAV-939 compared to DMSO

ProbeName	FC ((XAV-9 Log FC ((XA FC (abs) ((\ Regulation	US1049385	US1049385	US1049385	US1049385	US1049385	US1049385	GeneSymb	GeneName	ControlType	Description	EntrezGene	Go	Chromosor	Chromosor	Chromosor	Chromosor	Cytoband	GenbankAc	GenomicCc	RefSeqAcc	UniGeneID			
GE_BrightC	3.441975	1.783237	3.441975	up	-0.818802	-0.923452	-0.822461	0.927212	0.818803	1.038981	pos	Unknown													
A_21_P00C	2.183423	1.126591	2.183423	up	-0.567207	-0.566665	-0.541161	0.569862	0.54116	0.59372	MTRNR2L2 MT-RNR2-I	FALSE	Homo sapi	1E+08	GO:000573	79945878	chr5	79945819	-	hs 5q14.1	NM_00119	chr5:79945	NM_00119	Hs.666077	
A_22_P00C	2.569926	1.361727	2.569926	up	-0.640225	-0.69492	-0.614405	0.844059	0.677166	0.614405	Inc-OST4-2 Inc-OST4-2	FALSE	LNCipedia lincRNA (Inc-OST4-2), li	27237428	chr2	27237369	-	hs 2p23.3	AK125769	chr2:27237428-27237	Hs.666730				
A_23_P156	3.629815	1.859896	3.629815	up	-0.980624	-1.076739	-0.826394	0.839187	1.03035	0.826394	TNXB	tenascin XE	FALSE	Homo sapi	7148	GO:003003	32009022	chr6	32008964	-	hs 6p21.33	NM_03247	chr6:32009	NM_03247	Hs.485104
A_33_P321	3.481015	1.799508	3.481015	up	-0.874826	-1.091875	-0.692217	0.937393	0.692218	1.109995	SCGB3A1	secretoglot	FALSE	Homo sapi	92304	GO:003030	1.8E+08	chr5	1.8E+08	-	hs 5q35.3	NM_05286	chr5:18001	NM_05286	Hs.62492
A_23_P126	2.072537	1.051398	2.072537	up	-0.363703	-0.357299	-0.382668	0.819484	0.357299	0.873734	PGD	phosphogly	FALSE	Homo sapi	5226	GO:005066	10478970	chr1	10478911	+	hs 1p36.22	NM_00263	chr1:10478	NM_00263	Hs.464071
A_21_P001	2.878898	1.525517	2.878898	up	-0.804823	-0.886235	-0.694154	0.71152	0.785664	0.694154	XLOC_I2_004844	FALSE	BROAD Institute lincRNA (XLOC_I2	23186602	chr15	23186543	-	hs 15q11.2		chr15:23186602-23186543					
A_23_P427	2.068874	1.048846	2.068874	up	-0.57426	-0.508175	-0.510192	0.533648	0.508175	0.512089	MT1L	metallothic	FALSE	Homo sapi	4500		56652639	chr16	56652580	+	hs 16q12.2	NR_00144	chr16:5665	NR_00144	Hs.647358
A_24_P152	3.188497	1.672877	3.188497	up	-0.670757	-0.982821	-1.098899	0.882928	0.670757	0.712467		FALSE				1.32E+08	chr5	1.32E+08	+	hs 5q31.1		chr5:132279661-132279720			
A_23_P163	2.455948	1.29628	2.455948	up	-0.537689	-0.754233	-0.517342	0.633381	0.928853	0.517342	CGNL1	cingulin-lik	FALSE	Homo sapi	84952	GO:000377	57842906	chr15	57842847	+	hs 15q21.3	NM_03286	chr15:5784	NM_03286	Hs.148989
A_23_P412	3.085543	1.625524	3.085543	up	-0.586779	-1.114485	-1.169916	0.727591	0.586779	0.691022	ANKRD29	ankyrin re	FALSE	Homo sapi	147463		21180440	chr18	21180381	-	hs 18q11.2	NM_17350	chr18:2118	NM_17350	Hs.374774
A_22_P00C	3.89991	1.963441	3.89991	up	-0.670175	-1.387704	-0.818965	1.195755	0.670175	1.147549	LINC00271	long interg	FALSE	Homo sapi	1E+08		1.36E+08	chr6	1.36E+08	+	hs 6q23.3	NR_02680	chr6:13581	NR_02680	Hs.734007
A_23_P943	2.615885	1.387299	2.615885	up	-0.608797	-0.580119	-0.641018	0.835118	0.580119	0.916725	ENPP2	ectonucleo	FALSE	Homo sapi	5168	GO:000588	1.21E+08	chr8	1.21E+08	-	hs 8q24.12	NM_00620	chr8:12058	NM_00620	Hs.190977
A_23_P20C	3.416705	1.772606	3.416705	up	-0.931493	-0.655386	-0.86572	1.155506	0.655386	1.054327	TGFBR3	transformii	FALSE	Homo sapi	7049	GO:000551	92148947	chr1	92148888	-	hs 1p22.1	NM_00324	chr1:92148	NM_00324	Hs.482390
A_23_P614	2.615478	1.387075	2.615478	up	-0.596031	-0.733852	-0.646562	0.840957	0.596031	0.747792	CD163L1	CD163 mol	FALSE	Homo sapi	283316	GO:000588	7521549	chr12	7520755	-	hs 12p13.3	NM_17494	chr12:7521	NM_17494	Hs.631727
A_32_P725	2.219792	1.150424	2.219792	up	-0.605254	-0.521029	-0.617544	0.54808	0.638337	0.521029	RPL35	ribosomal p	FALSE	Homo sapi	11224	GO:001046	1.28E+08	chr9	1.28E+08	-	hs 9q33.3	NM_00720	chr9:12762	NM_00720	Hs.182825
A_22_P00C	6.067785	2.60117	6.067785	up	-1.199405	-1.36013	-1.142458	1.462291	1.142458	1.496767	HGC6.3	uncharacte	FALSE	Homo sapi	1E+08		1.68E+08	chr6	1.68E+08	-	hs 6q27	NM_00112	chr6:16837	NM_00112	Hs.448059
A_33_P331	2.31564	1.211411	2.31564	up	-0.634649	-0.520064	-0.544899	0.614306	0.520064	0.800251		FALSE				1.01E+08	chr7	1.01E+08	+	hs 7q22.1		chr7:101286790-101286849			
A_22_P00C	9.784171	3.29045	9.784171	up	-1.190116	-1.864123	-1.737698	2.013718	1.190115	1.875579	Inc-TRA2A- Inc-TRA2A-	FALSE	Q4G0Q7_HUMAN (Q4G0Q7)	MGC	23719873	chr7	23719814	-	hs 7p15.3		chr7:23719873-23719814				
A_24_P502	2.01761	1.012648	2.01761	up	-0.630767	-0.316161	-0.434582	0.620905	0.316161	0.733856	HLA-DMA	major histc	FALSE	Homo sapi	3108	GO:004883	32917477	chr6	32917418	-	hs 6p21.32	NM_00612	chr6:32917	NM_00612	Hs.728759
A_19_P003	9.072103	3.184137	9.072103	up	-1.328174	-1.52688	-1.465448	1.920905	1.328175	1.974729	SNHG11	small nucle	FALSE	Homo sapi	128439		37075436	chr20	37075377	+	hs 20q11.2	NR_00323	chr20:3707	NR_00323	Hs.16936
A_22_P00C	2.344406	1.229222	2.344406	up	-0.394407	-0.870373	-0.989433	0.474333	0.564714	0.394407	LOC102724	uncharacte	FALSE	Homo sapi	1.03E+08		4000337	chr16	4000278	-	hs 16p13.3	NR_12031	chr16:4000	NR_12031	Hs.364739
A_23_P374	2.063236	1.044099	2.063236	up	-0.59421	-0.645719	-0.426562	0.426562	0.494166	0.547508	SH3KBP1	SH3-domai	FALSE	Homo sapi	30011	GO:000551	19554143	chrX	19554084	-	hs Xp22.12	NM_00102	chrX:19554	NM_00102	Hs.726365
A_23_P257	4.133847	2.047485	4.133847	up	-1.088094	-0.890399	-1.098434	0.890399	1.194842	0.980287	CLMN	calmin (cal	FALSE	Homo sapi	79789	GO:000573	95660925	chr14	95660250	-	hs 14q32.1	NM_02473	chr14:9566	NM_02473	Hs.301478
A_22_P00C	2.714502	1.440688	2.714502	up	-0.71077	-0.676054	-0.596547	0.596547	0.807095	0.935049	Inc-GSTO2- Inc-GSTO2-	FALSE	Q2U8N5_ASPOP (Q2U8N5)	Predic	1.06E+08	chr10	1.06E+08	+	hs 10q25.1		chr10:106098140-106098199				
A_33_P323	2.545891	1.348171	2.545891	up	-0.660595	-0.606861	-0.488796	0.817416	0.488796	0.982046	C1S	complemei	FALSE	Homo sapi	716	GO:000551	1716152	chr12	1717593	+	hs 12p13.3	NM_20144	chr12:1717	NM_20144	Hs.458355
A_21_P001	2.771571	1.047704	2.771571	up	-0.7103	-0.792892	-0.6505	0.726715	0.6505	0.881205	LOC100507	two pore cl	FALSE	Homo sapi	1.01E+08		1.11E+08	chr2	1.11E+08	+	hs 2q13	NR_03762	chr2:11102	NR_03762	Hs.721040
A_33_P34C	3.603436	1.849373	3.603436	up	-0.686127	-0.759379	-0.964634	1.487069	0.686127	0.964783		FALSE	Q39AC8_BURS3 (Q39AC8)	Cytochr	20841137	chr17	20841078	-	hs 17p11.2		chr17:020841137-020841078				
A_23_P347	2.426645	1.278963	2.426645	up	-0.591151	-0.594561	-0.586298	0.594997	0.883583	0.586299	CTSK	cathepsin p	FALSE	Homo sapi	1513	GO:004545	1.51E+08	chr1	1.51E+08	-	hs 1q21.3	NM_00039	chr1:15076	NM_00039	Hs.632466
A_23_P715	2.447388	1.291243	2.447388	up	-0.634187	-0.585499	-0.604374	0.585499	0.737393	0.690377	TNFRSF11B	tumor necr	FALSE	Homo sapi	4982	GO:004668	1.2E+08	chr8	1.2E+08	-	hs 8q24.12	NM_00254	chr8:11993	NM_00254	Hs.81791
A_32_P477	4.49884	2.619553	4.49884	up	-0.945642	-0.968265	-1.011082	1.411082	0.945642	1.226947	EEF1A1	eukaryotic	FALSE	Homo sapi	1915	GO:000551	74228782	chr6	74228723	-	hs 6q13	NM_00140	chr6:74228	NM_00140	Hs.535192
A_24_P406	2.373632	1.247096	2.373632	up	-0.588283	-0.620241	-0.682509	0.588284	0.639918	0.622053	STEAP1	six transme	FALSE	Homo sapi	26872	GO:000521	89790590	chr7	89790531	+	hs 7q21.13	NM_01244	chr7:89790	NM_01244	Hs.61635
A_23_P264	4.787406	2.259244	4.787406	up	-0.933028	-1.129603	-1.00891	1.390976	0.933028	1.382186	RHBDL1	rhomboid,	FALSE	Homo sapi	9028	GO:000716	726988	chr16	726855	+	hs 16p13.3	NM_00127	chr16:7268	NM_00127	Hs.137572
A_22_P00C	2.062509	1.044401	2.062509	up	-0.463118	-0.383645	-0.356196	0.819926	0.356196	0.75412	KRT81	keratin 81,	FALSE	Homo sapi	3887	GO:000551	52679756	chr12	52679697	-	hs 12q13.1	NM_00228	chr12:5267	NM_00228	Hs.658118
A_23_P134	3.931714	1.975159	3.931714	up	-0.799249	-1.146898	-0.962399	1.149989	0.799249	1.06															

A_33_P339	3.603352	1.84934	3.603352	up	-0.87698	-0.67949	-1.108352	1.080063	0.67949	1.123644		FALSE				1.11E+08	chrX	1.11E+08	-	hs Xq23		chrX:110861854-110861795			
A_33_P331	2.214801	1.147177	2.214801	up	-0.573855	-0.497428	-0.642791	0.497428	0.730117	0.499913	FAM86B2	family with	FALSE	Homo sapi	653333	GO:000816	12283457	chr8	12283398	-	hs 8p23.1	NM_00113	chr8:12283	NM_00113	Hs.458413
A_33_P332	3.67801	1.878925	3.67801	up	-0.690507	-1.055164	-1.135865	1.198278	0.690507	0.866455	SUSD4	sushi doma	FALSE	sushi doma	55061	GO:003044	2.24E+08	chr1	2.24E+08	-	hs 1q41		chr1:223533605-223533546		
A_33_P33C	2.358347	1.237776	2.358347	up	-0.686084	-0.699635	-0.474579	0.611495	0.474579	0.766955			FALSE				55208895	chr17	55208836	-	hs 17q22		chr17:055208895-055208836		
A_22_P00C	2.282473	1.190598	2.282473	up	-0.325236	-0.550092	-1.006895	0.486727	0.877607	0.325236	Inc-FKBP2-:	Inc-FKBP2-:	FALSE	Q2AC61_9BURK	(Q2AC61) HrpW,		1.64015686	chr11	64015627	+	hs 11q13.1		chr11:64015627-64015686		
A_22_P00C	2.413081	1.270876	2.413081	up	-0.814628	-0.464065	-0.650892	0.792721	0.626259	0.464065	LOC100131	uncharacte	FALSE	Homo sapi	1E+08		74534031	chr18	74533972	-	hs 18q23	NR_04002	chr18:7453	NR_04002	Hs.385806
A_24_P166	2.101044	1.071107	2.101044	up	-0.397014	-0.524559	-0.421455	0.727194	0.397014	0.746084	REP1N1	replication	FALSE	Homo sapi	29803	GO:000626	1.5E+08	chr7	1.5E+08	+	hs 7q36.1	NM_01437	chr7:15007	NM_01437	Hs.647086
A_22_P00C	3.341185	1.74036	3.341185	up	-0.694396	-1.057471	-0.698054	0.857346	0.694396	1.219327	Inc-CTTN-3	Inc-CTTN-3	FALSE	AGENCOURT_25900	990 NIH_MGC	70493505	chr11	70493446	+	hs 11q13.4	NM_02475	chr11:70493446-70493	Hs.672096		
A_33_P326	2.053039	1.037761	2.053039	up	-0.345521	-0.743841	-0.452973	0.625411	0.345521	0.600015	LRRC26	leucine ric	FALSE	Homo sapi	389816	GO:000551	1.4E+08	chr9	1.4E+08	-	hs 9q34.3	NM_00101	chr9:14006	NM_00101	Hs.669977
A_21_P00C	2.012019	1.008644	2.012019	up	-0.774995	-0.467453	-0.420483	0.458989	0.420483	0.483528	Inc-TAF12-:	Inc-TAF12-:	FALSE	LNCipedia lincRNA	(linc-TAF12-3), l	29198755	chr16	29197459	-	hs 1p35.3		chr1:29198755-291974	Hs.601502		
A_33_P324	3.175732	1.667089	3.175732	up	-0.596937	-0.9932	-0.704587	1.117161	0.596936	0.992446	CCDC78	coiled-coil	FALSE	Homo sapi	124093	GO:004238	772645	chr16	772586	-	hs 16p13.3	NM_00103	chr16:7726	NM_00103	Hs.381943
A_23_P894	3.756775	1.909495	3.756775	up	-0.951735	-0.925693	-0.928469	0.925693	1.042386	0.954509	CCL2	chemokine	FALSE	Homo sapi	6347	GO:000940	32584109	chr17	32584050	+	hs 17q12	NM_00298	chr17:3258	NM_00298	Hs.303649
A_33_P328	2.532781	1.340722	2.532781	up	-0.95684	-0.775186	-0.286485	0.608891	0.286485	1.10828	PHF21B	PHD finger	FALSE	Homo sapi	112885	GO:000827	45279025	chr22	45278966	-	hs 22q13.3	NM_13841	chr22:4527	NM_13841	Hs.254097
A_22_P00C	3.410058	1.769796	3.410058	up	-0.965843	-0.756887	-0.66434	1.159685	0.66434	1.098294	LOC101928	uncharacte	FALSE		1.02E+08		76336745	chr11	76336686	-	hs 11q13.5		chr11:76336745-76336686		
A_23_P121	2.24116	1.646245	2.24116	up	-0.418271	-0.837314	-0.523008	0.526949	0.768923	0.418271	SEPP1	selenoprot	FALSE	Homo sapi	6414	GO:001995	42799939	chr5	42799904	-	hs 5p12	NM_00541	chr5:42799	NM_00541	Hs.275775
A_22_P00C	3.163972	1.661737	3.163972	up	-0.852549	-0.882593	-0.725621	0.886435	0.725621	0.912393	Inc-C17orf1	Inc-C17orf1	FALSE	293T_111	SVA 5' RACE from 293T	80416352	chr17	80416293	-	hs 17q25.3	GR564636	chr17:80416352-80414	Hs.723123		
A_33_P371	3.422235	1.774977	3.422235	up	-0.872133	-0.843434	-0.763549	1.019041	0.763549	1.063223	CXCL12	chemokine	FALSE	Homo sapi	6387	GO:000834	44880453	chr10	44880394	-	hs 10q11.2	NM_00103	chr10:4488	NM_00103	Hs.522891
A_23_P414	2.30029	1.201816	2.30029	up	-0.591874	-0.500969	-0.621784	0.500969	0.771179	0.618671	SLC39A8	solute carri	FALSE	Homo sapi	64116	GO:000588	1.03E+08	chr4	1.03E+08	-	hs 4q24	NM_02215	chr4:10318	NM_02215	Hs.288034
A_22_P00C	2.060211	1.042792	2.060211	up	-0.686432	-0.535718	-0.414435	0.521255	0.414435	0.556102			FALSE				74274697	chr8	74274638	+	hs 8q21.1	DB201663	chr8:74274638-74274	Hs.586405	
A_24_P258	3.115445	1.639438	3.115445	up	-0.538973	-0.810529	-0.827642	1.228639	0.538973	0.973558	OR5L2	olfactory rc	FALSE	Homo sapi	26338	GO:000591	55595252	chr11	55595193	+	hs 11q11	NM_00100	chr11:5559	NM_00100	Hs.528356
A_33_P341	2.453772	1.295001	2.453772	up	-0.668881	-0.611985	-0.569458	0.569458	0.845065	0.620155	ATP8	ATP synth	FALSE	mitochond	4509		8508	chrM	8449	+			AK128101	chrM:8449-8508	
A_23_P143	2.119074	1.083434	2.119074	up	-0.530551	-0.491883	-0.473267	0.483138	0.798197	0.473267	TIPARP	TCDD-indu	FALSE	Homo sapi	25976	GO:003009	1.56E+08	chr3	1.56E+08	+	hs 3q25.31	NM_01550	chr3:15642	NM_01550	Hs.744050
A_24_P354	4.156102	2.055231	4.156102	up	-0.978254	-1.027575	-1.059984	0.984902	1.136725	0.978254	SPOCK1	sparc/oste	FALSE	Homo sapi	6695	GO:003159	1.36E+08	chr5	1.36E+08	-	hs 5q31.2	NM_00459	chr5:13631	NM_00459	Hs.596136
A_22_P00C	5.439205	2.443396	5.439205	up	-1.35468	-1.562508	-0.906212	1.22907	0.906212	1.371506	Inc-HDDC3	Inc-HDDC3	FALSE	Q6AGI4_LEIXX	(Q6AGI4) Compete	91478215	chr15	91478215	-	hs 15q26.1		chr15:91478274-91478215			
A_33_P326	6.093658	2.607308	6.093658	up	-0.974232	-1.007584	-1.116621	1.771294	0.974232	1.977962			FALSE				47053112	chr21	47053053	-	hs 21q22.3		chr21:047053112-047053053		
A_23_P554	2.057838	1.041129	2.057838	up	-0.162219	-0.374707	-1.209527	0.711895	0.162219	0.502882	CBX8	chromobox	FALSE	Homo sapi	57332	GO:000079	77768401	chr17	77768342	-	hs 17q25.3	NM_02064	chr17:7776	NM_02064	Hs.387258
A_23_P121	2.146458	1.101958	2.146458	up	-0.529699	-0.523667	-0.528217	0.542901	0.65772	0.523668	PTX3	pentraxin 3	FALSE	Homo sapi	5806	GO:005076	1.57E+08	chr3	1.57E+08	+	hs 3q25.32	NM_00285	chr3:15716	NM_00285	Hs.591286
A_33_P332	4.426268	2.146091	4.426268	up	-0.174061	-0.852686	-1.058448	1.280787	0.852686	1.319605	PMF1-BGL	PMF1-BGL	FALSE	Homo sapi	1.01E+08		1.56E+08	chr1	1.56E+08	+	hs 1q22	NM_00119	chr1:15621	NM_00119	Hs.530479
A_33_P334	3.569358	1.835665	3.569358	up	-0.787149	-1.021787	-0.726101	1.072528	0.726101	1.173327	CASKIN1	CASK inter	FALSE	Homo sapi	57524	GO:000551	2228170	chr16	2228111	-	hs 16p13.3	NM_02076	chr16:2228	NM_02076	Hs.643537
A_22_P00C	5.315478	2.410199	5.315478	up	-0.839434	-1.759757	-1.341052	1.295137	0.839435	1.155783	Inc-MME-4	Inc-MME-4	FALSE	BOX94640	Soares_NFL_T_GBC_S1	1.55E+08	chr3	1.55E+08	+	hs 3q25.31	BOX94640	chr3:155204837-15522	Hs.128933		
A_23_P151	3.58887	2.420983	3.58887	up	-1.188297	-1.146539	-1.167868	1.146539	1.146344	1.177271	MT1F	metallothi	FALSE	Homo sapi	4494	GO:007129	56693136	chr16	56693077	+	hs 16q12.2	NM_00594	chr16:5669	NM_00594	Hs.513626
A_33_P323	3.100502	1.632502	3.100502	up	-0.803197	-0.811576	-0.811155	0.835043	0.803197	0.833338	MT1X	metallothi	FALSE	Homo sapi	4501	GO:007129	56718021	chr16	56717962	+	hs 16q13	NM_00595	chr16:5671	NM_00595	Hs.374950
A_21_P001	2.383632	1.253162	2.383632	up	-0.612943	-0.633434	-0.586273	0.659163	0.586273	0.68049	FAM86C1	family with	FALSE	Homo sapi	55199	GO:000816	71502797	chr11	71500845	+	hs 11q13.4	NM_00109	chr11:7150	NM_00109	Hs.567527
A_23_P001	27.27218	4.69358	27.27218	up	-2.031363	-2.125929	-2.287266	2.855394	2.031363	2.976759	Inc-TPTE-3:	Inc-TPTE-3:	FALSE	LNCipedia lincRNA	(Inc-TPTE-3), lir	9827566	chr21	98275007	-	hs 21p11.2	HQ013231	chr21:9827566-98275	Hs.426704		
A_22_P00C	4.724132	2.240049	4.724132	up	-1.255268	-1.134138	-0.731661	1.700747	0.731661	1.166673	MIR940	microRNA	FALSE	microRNA	1E+08		2318748	chr16	2318689	+	hs 16p13.3	BM766675	chr16:2318689-23187	Hs.729989	
A_32_P194	2.530585	1.339471	2.530585	up	-0.84887	-0.525623	-0.641951	0.525623	0.923247	0.553099			FALSE	600944622T1	NIH_MGC_17	Homo	49993745	chr19	49993510	-	hs 19q13.3	BE300169	chr19:49993745-49993	Hs.744351	
A_24_P941	2.334471	1.223096	2.334471	up	-0.870354	-0.487637	-0.542929	0.487637	0.763774	0.516957	FAM65B	family with	FALSE	Homo sapi	9750	GO:000573	24804801	chr6	24804742	-	hs 6p22.3	NM_01472	chr6:24804	NM_01472	Hs.559459
A_23_P207	2.189928	1.130884	2.189928	up	-0.692134	-0.490011	-0.387091	0.681057	0.387091	0.755267	PLCD3	phospholip	FALSE	Homo sapi	113026	GO:000588	43189341	chr17	43189282	-	hs 17q21.3	NM_13337	chr17:4318	NM_13337	Hs.380094
A_33_P333	3.209969	1.682559	3.209969	up	-0.748113	-0.650364	-0.555583	1.217059	0.555583	1.320976	CRTC1	CREB regul	FALSE	Homo sapi	23373	GO:000551	18888290	chr19	18888231	+	hs 19p13.1	NM_00109	chr19:1888	NM_00109	Hs.371096
A_23_P162	2.695805	1.430716	2.695805	up	-0.753596	-0.641078	-0.693029	0.641078	0.921267	0.6421	VDR	vitamin D (	FALSE	Homo sapi	7421	GO:006055	48235561	chr12	48235502	-	hs 12q13.1	NM_00101	chr12:4823	NM_00101	Hs.524368
A_22_P00C	5.91773	2.565044	5.91773	up	-1.038182	-1.259899	-1.112226	1.557601	1.038182	1.689044			FALSE	AGENCOURT_13642	683 NIH_MGC	4710182	chr17	4710123	-	hs 17p13.2	CB990811	chr17:4710182-47101	Hs.579211		
A_21_P00C	7.329586	2.873732	7.329586	up	-1.323559	-1.544167	-1.257213	1.728446	1.257213	1.510595	LINC01018	long interg	FALSE	Homo sapi	255167		6583914	chr5	6583858	+	hs 5p15.31	NR_02442	chr5:65838	NR_02442	Hs.435515
A_33_P332	3.064394	1.615602	3.064394	up	-0.74439	-0.736586	-0.949033	0.899393	0.736586	0.780818	HE56	hes family	FALSE	Homo sapi	55502	GO:000371	2.39E+08	chr2	2.39E+08	-	hs 2q37.3	NM_01864	chr2:23914	NM_01864	Hs.42949
A_33_P337	2.684328	1.425561	2.684328	up	-0.609212	-0.749018	-0.660496	0.63																	

A_21_P00C	3.403393	1.766974	3.403393	up	-0.686287	-1.042577	-0.695456	0.986083	0.686287	1.204231	Inc-BTRC-2	Inc-BTRC-2	FALSE	LNCipedia lincRNA (Inc-BTRC-2), l	1.03E+08	chr10	1.03E+08	+	hs 10q24.32	chr10:103044967-103045026	
A_22_P00C	2.677084	1.420662	2.677084	up	-0.496527	-0.631696	-1.278418	0.496527	0.795531	0.563289	ESRG	embryonic	FALSE	Homo sapi	790952	GO:000563	54666226	chr3	54666167	hs 3p14.3 NR_027127: chr3:54666 NR_027127: Hs.720658	
A_22_P00C	3.15989	1.659875	3.15989	up	-0.828374	-0.88079	-0.610126	0.972107	0.610126	1.078101	Inc-HSP90A	Inc-HSP90A	FALSE	LNCipedia lincRNA (Inc-HSP90AA1-	1.03E+08	chr14	1.03E+08	+	hs 14q32.31	chr14:102060311-1020606252	
A_33_P33C	3.570764	1.836233	3.570764	up	-0.801426	-1.057978	-0.916486	0.941341	0.801426	0.990042	VIT	vitrin	FALSE	Homo sapi	5212	GO:003019	37041576	chr2	37041517	hs 2p22.2 NM_05327 chr2:37041 NM_05327 Hs.137415	
A_23_P551	3.211043	1.683042	3.211043	up	-0.745303	-0.587709	-0.623845	1.234946	0.857709	1.269614	G6PC3	glucose 6 p	FALSE	Homo sapi	92579	GO:000597	42152071	chr17	42151599	hs 17q21.3 NM_13838 chr17:4215 NM_13838 Hs.294005	
A_23_P36	2.359627	1.238559	2.359627	up	-0.764676	-0.780888	-0.455459	0.455459	0.643506	0.615689	AKR1B10	aldo-keto r	FALSE	Homo sapi	57016	GO:000551	1.34E+08	chr7	1.34E+08	hs 7q33 NM_02029 chr7:13422 NM_02029 Hs.116724	
A_23_P203	3.220784	1.687412	3.220784	up	-0.938264	-0.778234	-0.923202	0.83668	0.807621	0.778234	APOC3	apolipopro	FALSE	Homo sapi	345	GO:005099	1.17E+08	chr11	1.17E+08	hs 11q23.3 NM_00004 chr11:1167 NM_00004 Hs.73849	
A_22_P00C	2.070648	2.281842	2.070648	up	-0.795973	-1.558948	-1.367976	1.831981	0.795973	2.114677	Inc-RP11-4:1	Inc-RP11-4:1	FALSE	LNCipedia lincRNA (Inc-RP11-422N	1.11E+08	chr8	1.11E+08	+	hs 8q23.2	chr8:110986951-110987010	
A_23_P202	5.54213	2.47044	5.54213	up	-1.228666	-1.209038	-1.220192	1.244228	1.300159	1.209038	CXCL12	chemokine	FALSE	Homo sapi	6387	GO:000834	44872947	chr10	44872888	hs 10q11.2 NM_19916 chr10:4487 NM_19916 Hs.522891	
A_32_P37	2.695282	1.430436	2.695282	up	-0.627045	-0.740163	-0.727998	0.824394	0.744664	0.627045	GDNF	glial cell de	FALSE	Homo sapi	2668	GO:000165	37812991	chr5	37812932	hs 5p13.2 NM_00119 chr5:37812 NM_00119 Hs.248114	
A_21_P001	2.037844	1.027044	2.037844	up	-0.358063	-0.401145	-0.544835	0.558247	0.860778	0.358063			FALSE				1.03E+08	chr4	1.03E+08	hs 4q24	chr4:103339819-10333 Hs.731809
A_22_P00C	6.17522	2.626491	6.17522	up	-1.080119	-1.415761	-1.162279	1.590684	1.080119	1.55051	LOC100505	uncharacte	FALSE	Homo sapi	1.01E+08		8302049	chr7	8301990	hs 7p21.3 NR_12574 chr7:83019 NR_12574 Hs.729535	
A_24_P122	6.327756	2.661694	6.327756	up	-1.591039	-1.25804	-1.248751	1.248751	1.323617	1.314885	LIF	leukemia ir	FALSE	Homo sapi	3976	GO:006042	30636772	chr22	30636713	hs 22q12.2 NM_00230 chr22:3063 NM_00230 Hs.2250	
A_33_P33C	2.619727	1.389417	2.619727	up	-0.772401	-0.81077	-0.565005	0.590088	0.565005	0.864981	KLRG2	killer cell le	FALSE	Homo sapi	346689	GO:003024	1.39E+08	chr7	1.39E+08	hs 7q34 NM_19850 chr7:13913 NM_19850 Hs.17572	
A_32_P219	2.469424	1.304174	2.469424	up	-0.558411	-0.658306	-0.793407	0.71644	0.627548	0.558411	WTAP	Wilms tum	FALSE	Homo sapi	9589	GO:000838	1.6E+08	chr6	1.6E+08	hs 6q25.3 NM_15285 chr6:16016 NM_15285 Hs.446091	
A_23_P353	3.912018	1.967913	3.912018	up	-1.209727	-0.992348	-0.845061	0.845061	1.119671	0.891871	TAF5L	TAF5-like R	FALSE	Homo sapi	27097	GO:000635	2.3E+08	chr1	2.3E+08	hs 1q42.13 NM_01440 chr1:22972 NM_01440 Hs.270621	
A_22_P00C	5.488331	2.456368	5.488331	up	-1.031784	-1.090499	-1.101863	1.666635	1.031784	1.446538	Inc-FKBP3-3:1	Inc-FKBP3-3:1	FALSE	LNCipedia lincRNA (Inc-FKBP3-3), l	45431501	chr14	45431442	+	hs 14q21.2	chr14:45431501-45431442	
A_33_P331	10.16969	3.648203	10.16969	up	-1.782285	-1.533932	-1.572258	1.753539	1.862666	1.533932	RNF222	ring finger	FALSE	Homo sapi	643904	GO:000827	8296576	chr17	82965517	hs 17p13.1 NM_00114 chr17:8296 NM_00114 Hs.526550	
A_33_P323	2.479279	1.30992	2.479279	up	-0.961225	-0.655174	-0.451165	0.531954	0.451165	0.879078	NMNAT1	nicotinamir	FALSE	Homo sapi	64802	GO:000551	10041371	chr1	10041227	hs 1p36.22 NM_00129 chr1:10041 NM_00129 Hs.666730	
A_33_P328	8.083746	3.015024	8.083746	up	-1.244702	-1.794076	-1.36919	1.712891	1.244701	1.679512	Inc-C16orf4	Inc-C16orf4	FALSE	Homo sapiens cDNA FLJ45052 fis, i	1358800	chr16	1358741	+	hs 16p13.3 AK126997	chr16:1358800-1358741	
A_21_P00C	4.939458	2.304353	4.939458	up	-1.046649	-1.032419	-0.989798	1.285293	1.569101	0.989798	Inc-ZNF366	Inc-ZNF366	FALSE	LNCipedia lincRNA (Inc-ZNF366-2),	171870167	chr5	71817327	+	hs 5q13.2	chr5:71870167-71817327	
A_33_P327	2.047897	1.034143	2.047897	up	-0.453954	-0.327342	-0.852556	0.384853	0.756382	0.327342			FALSE				1139814	chr4	1139755	hs 4p16.3	chr4:001139755-001139814
A_33_P354	3.049932	1.608777	3.049932	up	-0.69927	-0.837573	-0.660018	0.9298	0.660019	1.039651	TUSC8	tumor sup	FALSE	AGENCOUF	400128		44978922	chr13	44978863	hs 13q14.1 BQ950045	chr13:44978922-44978 Hs.438480
A_21_P00C	3.202748	1.67931	3.202748	up	-0.815835	-0.879431	-0.637023	1.044919	0.637023	1.023702	Inc-AC0074	Inc-AC0074	FALSE	LNCipedia lincRNA (Inc-AC007405.	1.72E+08	chr2	1.72E+08	+	hs 2q31.1	chr2:171626804-171626863	
A_33_P326	3.090595	1.627884	3.090595	up	-0.709613	-1.041963	-0.816264	0.709613	0.738652	0.867549			FALSE	Homo sapiens cDNA FLJ26160 fis, i	1.32E+08	chr5	82569290	+	hs 5q31.1 AK129671	chr5:132279131-132279072	
A_33_P333	2.697994	1.431887	2.697994	up	-0.659029	-0.621378	-0.684176	0.681424	1.028276	0.621378	ACACB	acetyl-CoA	FALSE	Homo sapi	32	GO:000551	1.1E+08	chr12	1.1E+08	hs 12q24.1 NM_00109 chr12:1097 NM_00109 Hs.234898	
A_23_P333	3.458358	1.790087	3.458358	up	-0.773605	-1.37292	-0.809483	0.811735	0.828915	0.773605	EEP1	endonucle:	FALSE	Homo sapi	80820	GO:000628	36340917	chr7	36340858	hs 7p14.2 NM_03063 chr7:36340 NM_03063 Hs.487994	
A_33_P325	2.088774	1.062656	2.088774	up	-0.548502	-0.487147	-0.504774	0.487147	0.626112	0.534287	RPS23	ribosomal i	FALSE	Homo sapi	6228	GO:000551	81569349	chr5	81569290	hs 5q14.2 NM_00102 chr5:81569 NM_00102 Hs.527193	
A_33_P331	3.403903	1.76719	3.403903	up	-1.087771	-0.833818	-0.665493	0.783947	1.265047	0.665493			FALSE				1.36E+08	chr7	1.36E+08	hs 7q33	chr7:135614637-135614696
A_33_P326	2.141799	1.098823	2.141799	up	-0.365763	-0.534244	-0.348554	0.81869	0.348554	0.880664	LOC10013C	uncharacte	FALSE	Homo sapi	1E+08		1.33E+08	chr12	1.33E+08	hs 12q24.3 NR_02456: chr12:1328 NR_02456: Hs.536338	
A_23_P358	2.420519	1.275316	2.420519	up	-0.606906	-0.6757	-0.699581	0.629677	0.606906	0.607179	AHRR	aryl-hydroc	FALSE	Homo sapi	57491	GO:000119	438089	chr5	438030	hs 5p15.33 NM_02073 chr5:43803 NM_02073 Hs.50823	
A_22_P00C	4.916952	2.297764	4.916952	up	-1.098625	-1.146921	-0.992587	1.235433	0.992587	1.42714			FALSE	PREDICTED: Homo sapiens unchar:	1210679	chr1	1210620	+	hs 1p36.33 XR_241053 chr1:12106 XR_241053		
A_32_P194	2.393556	1.259155	2.393556	up	-0.589524	-0.601418	-0.579308	0.579308	0.840975	0.587114	RPL21	ribosomal i	FALSE	Homo sapi	6144	GO:001046	29188408	chr10	29188349	hs 10p12.1 NM_00098 chr10:0291 NM_00098 Hs.381123	
A_19_P003	2.780129	1.475152	2.780129	up	-0.729866	-0.71159	-0.626972	0.871808	0.626972	0.858248	LINC00861	long interg:	FALSE	Homo sapi	1E+08		1.27E+08	chr8	1.27E+08	hs 8q24.13	chr8:126963492-126963433
A_23_P353	3.572791	1.837052	3.572791	up	-0.940155	-0.872064	-0.914273	0.872064	0.996845	0.915753	SVIL	supervillin	FALSE	Homo sapi	6840	GO:000551	29747064	chr10	29747005	hs 10p11.2 NM_02173 chr10:2974 NM_02173 Hs.499209	
A_33_P324	2.777017	1.473536	2.777017	up	-0.652535	-0.639953	-0.781469	0.639953	1.025045	0.681654	RGL1	ral guanine	FALSE	Homo sapi	23179	GO:000832	1.84E+08	chr1	1.84E+08	hs 1q25.3 NM_01514 chr1:18389 NM_01514 Hs.497148	
A_33_P338	3.605938	1.850375	3.605938	up	-0.726772	-0.773865	-0.815599	1.362963	0.726772	1.145153	YJEFN3	YjeF N-term	FALSE	Homo sapi	374887		19648393	chr19	19648334	hs 19p13.1 NM_19853 chr19:1964 NM_19853 Hs.729508	
A_33_P332	2.86907	1.520583	2.86907	up	-0.769954	-0.850675	-0.682963	0.748605	0.682963	0.826589	TPP1	tripeptidyl	FALSE	Homo sapi	1200	GO:000662	6636189	chr11	6636130	hs 11p15.4 NM_00039 chr11:6636 NM_00039 Hs.523454	
A_24_P315	6.456416	2.690733	6.456416	up	-1.173515	-1.347777	-1.027945	1.755278	1.027945	1.739741	NFYC-AS1	NFYC antis	FALSE	Homo sapi	1E+08		41157533	chr1	41157474	hs 1p34.2 NR_02456: chr1:41157 NR_02456: Hs.233458	
A_22_P00C	4.156423	2.055342	4.156423	up	-1.018479	-0.883632	-0.88652	1.209499	0.883632	1.284266	Inc-SPATC1	Inc-SPATC1	FALSE	PREDICTED: Homo sapiens sphingc	1.45E+08	chr8	1.45E+08	+	hs 8q24.3 XM_00171: chr8:14510 XM_00171: Hs.711115		
A_33_P333	6.816604	2.769053	6.816604	up	-1.57104	-1.305568	-1.213847	1.580532	1.213847	1.422326			FALSE								
A_24_P406	2.093843	1.066153	2.093843	up	-0.561893	-0.372679	-0.395361	0.73098	0.372679	0.764868	MAPK13	mitogen-ac	FALSE	Homo sapi	5603	GO:003275	36107374	chr6	36107315	hs 6p21.31 NM_00275 chr6:36107 NM_00275 Hs.178695	
A_33_P337	2.069807	1.049496	2.069807	up	-0.352507	-0.317719	-0.29633	0.944827	0.29633	0.940776	SPTAN1	spectrin, al	FALSE	Homo sapi	6709	GO:000551	1.31E+08	chr9	1.31E+08	hs 9q34.11 NM_00113 chr9:13138 NM_00113 Hs.372331	
A_22_P00C	0.664146	2.022952	0.664146	up	-1.350205	-1.23564	-0.796217	0.948467	0.796217	0.942112	Inc-PCM1-4	Inc-PCM1-4	FALSE	602688802F1 NIH_MGC_95	Homo	17659251	chr8	17659192	+	hs 8p22	chr8:17659192-17659 Hs.637621
A_33_P324	2.011552	1.008309	2.011552	up	-0.693755	-0.541995	-0.28528	0.491878	0.28528	0.726739	PRKAG3	protein kin	FALSE	Homo sapi	53632	GO:000828	2.2E+08	chr2	2.2E+08	hs 2q35 NM_01743 chr2:21968 NM_01743 Hs.591634	
A_33_P338	4.038776	2.013918	4.038776	up	-0.929445	-0.889359	-0.899897	0.927599	1.506096	0.889359	RN75K	RNA, 75K si	FALSE	Homo sapi	125050		52860718	chr6	52860659	hs 6p12.2 NR_00144: chr6:52860 NR_00144: Hs.224866	
A_33_P335	2.261798	1.17747	2.261798	up	-0.659108	-0.385991	-0.246035	0.983132	0.246035	1.012108	CSF1	colony stirr	FALSE	Homo sapi	1435	GO:004847	1.1E+08	chr1	1.1E+08	hs 1p13.3 NM_172	

A_33_P331	3.043433	1.6057	3.043433	up	-0.681154	-0.828731	-0.876595	1.039073	0.681154	0.710392	HAPLN2	hyaluronan	FALSE	Homo sapi	60484	GO:008502	1.57E+08	chr1	1.57E+08	hs 1q23.1	NM_02181	chr1:15659	NM_02181	Hs.410719		
A_22_P00C	5.238681	2.389204	5.238681	up	-1.406485	-1.079821	-1.065807	1.065807	1.438913	1.110777	Inc-CCDC9C	Inc-CCDC9C	FALSE	RST25001	Athersys	RAGE Library	82924391	chr11	82924332	hs 11q14.1	BG205572	chr11:82924391-82924	Hs.615971			
A_23_P10S	2.456165	1.296408	2.456165	up	-0.54705	-0.468818	-0.600873	0.865193	0.468818	0.938472	PLBD2	phospholip	FALSE	Homo sapi	196463	GO:001604	1.14E+08	chr12	1.14E+08	hs 12q24.1	NM_17354	chr12:1138	NM_17354	Hs.115896		
A_33_P322	2.268492	1.181734	2.268492	up	-0.433951	-0.515351	-0.451459	0.80019	0.433951	0.910297	ARAF2	ARAF pseud	FALSE	Homo sapi	644000		62865027	chr7	62864968	hs 7q11.2	BC033982	chr7:62865027-62864968				
A_33_P325	3.592948	1.845168	3.592948	up	-1.017964	-0.703429	-1.266048	0.71091	1.133724	0.703429	CLDN11	claudin 11	FALSE	Homo sapi	5010	GO:001633	1.7E+08	chr3	1.7E+08	hs 3q26.2	NM_00560	chr7:17015	NM_00560	Hs.31595		
A_33_P338	4.560047	2.189049	4.560047	up	-1.005493	-1.039722	-1.046076	1.230345	1.005493	1.240017	EEF1A1	eukaryotic	FALSE	Homo sapi	1915	GO:000551	74229639	chr6	74229214	hs 6q13	NM_00140	chr6:74229	NM_00140	Hs.535192		
A_23_P154	2.575258	1.364717	2.575258	up	-0.544121	-0.566378	-0.611198	0.897442	0.544121	0.930892	DUSP15	dual specif	FALSE	Homo sapi	128853	GO:000551	30449397	chr20	30449338	hs 20q11.2	NM_08061	chr20:3044	NM_08061	Hs.585017		
A_22_P00C	2.718342	1.442727	2.718342	up	-0.592688	-0.809117	-0.612392	0.820596	0.900699	0.952688	Inc-FSIP1-1	Inc-FSIP1-1	FALSE	LNCipedia	lincRNA	(Inc-FSIP1-1), l	39886424	chr15	39886365	hs 15q14		chr15:39886424-39886365				
A_33_P332	4.063629	2.022769	4.063629	up	-0.998436	-0.878862	-0.854042	1.166504	0.854042	1.31642	TNRC18	trinucleot	FALSE	Homo sapi	84629	GO:000573	5352703	chr7	5352644	hs 7p22.1	NM_00108	chr7:53527	NM_00108	Hs.520638		
A_22_P00C	5.963639	2.576193	5.963639	up	-1.015655	-1.370136	-1.140597	1.529751	1.015655	1.656784			FALSE	long intergenic non-protein coding	58655599	chr2	58655540	+	58655540	hs 2p16.1		chr2:58655540-58655599				
A_33_P344	4.053117	2.019032	4.053117	up	-0.815529	-1.023908	-0.972966	1.193011	0.815529	1.236154			FALSE	AGENCOURT	_6387596	NIH_MGC_71	Homo sapiens cDNA clone IMAGE:5529651	5'					Hs.740939			
A_33_P338	6.124631	2.614623	6.124631	up	-1.323012	-1.192501	-1.369804	1.192501	1.280931	1.485119			FALSE	tubulin tyrosine ligase-like family,	50453671	chr22	50453612	-	50453612	hs 22q13.33		chr22:50453671-50453612				
A_23_P10S	2.343663	1.228765	2.343663	up	-0.542133	-0.599473	-0.622028	0.706856	0.542133	0.673672	APPL2	adaptor pr	FALSE	Homo sapi	55198	GO:000551	1.06E+08	chr12	1.06E+08	hs 12q23.3	NM_01817	chr12:1055	NM_01817	Hs.506603		
A_33_P321	4.312247	2.10844	4.312247	up	-0.94064	-1.182788	-0.915586	0.994422	1.376297	0.915586	KCNK2	potassium	FALSE	Homo sapi	3776	GO:001527	2.15E+08	chr1	2.15E+08	hs 1q41	NM_00101	chr1:21541	NM_00101	Hs.497745		
A_33_P325	3.189219	1.673203	3.189219	up	-1.034561	-0.767186	-0.756773	0.942846	0.756773	0.76147			FALSE	1203217A	dehydrogenase, glycerol	39647338	chrX	39647279	+	39647279	hs Xp11.4		chrX:039647279-039647338			
A_22_P00C	2.341998	1.22774	2.341998	up	-0.42534	-0.618545	-0.545023	0.803561	0.865412	0.42534	Inc-SRGAP2	Inc-SRGAP2	FALSE	Homo sapiens hypothetical gene s	9438303	chr3	9438244	-	9438244	hs 3p25.3	BC132680	chr3:9438303-9438244	Hs.598958			
A_33_P321	2.688553	1.42683	2.688553	up	-0.53437	-0.779364	-0.692256	0.785777	0.53437	0.954352			FALSE	UI-E-EJ0-ahi-b-22-0-UI.s1	UI-E-EJ0	30832743	chr16	30832684	-	30832684	hs 16p11.2	BM674043	chr16:30832743-30832	Hs.681104		
A_32_P584	2.224036	1.15318	2.224036	up	-0.464449	-0.723803	-0.651128	0.58721	0.464449	0.568501	KCND3	potassium	FALSE	potassium	3752	GO:000525	1.12E+08	chr1	1.12E+08	hs 1p13.2	AF070632	chr3:1170133618-11231	Hs.731722			
A_23_P401	2.594072	1.375218	2.594072	up	-0.472081	-1.075194	-0.961534	0.516572	0.472081	0.628192	TTC39C	tetratricop	FALSE	Homo sapi	125488		21712496	chr18	21711873	+	21711873	hs 18q11.2	NM_15321	chr18:2171	NM_15321	Hs.128576
A_23_P68S	2.429454	1.280632	2.429454	up	-0.656903	-0.982788	-0.50255	0.623252	0.50255	0.573852	SSTR3	somatostat	FALSE	Homo sapi	6753	GO:000551	37602917	chr22	37602858	hs 22q13.1	NM_00105	chr22:3760	NM_00105	Hs.225995		
A_21_P00C	2.592139	1.374143	2.592139	up	-0.774568	-0.52291	-0.650255	0.587246	1.064539	0.52291	SNORA80B	small nucle	FALSE	Homo sapi	1E+08		10586962	chr2	10586903	+	10586903	hs 2p25.1	NR_028374	chr2:10586	NR_028374	Hs.730525
A_22_P00C	3.388495	1.760645	3.388495	up	-0.733737	-0.850066	-0.722941	1.122934	0.722941	1.129314			FALSE				2.28E+08	chr1	2.28E+08	hs 1q42.13		chr1:227698356-227698297				
A_33_P322	2.058693	1.041729	2.058693	up	-0.336657	-0.585914	-0.388505	0.519692	0.957761	0.336657			FALSE				1.79E+08	chr5	1.79E+08	hs 5q35.3		chr5:178507837-178507778				
A_22_P00C	9.762378	3.287233	9.762378	up	-1.631929	-1.697242	-1.326589	1.924459	1.326589	1.95489	Inc-TMEM1	Inc-TMEM1	FALSE	DA554227	HCHON2	Homo sapiens	66080404	chr11	66080404	+	66080404	hs 11q13.2	DA554227	chr11:66080404-66080	Hs.577306	
A_33_P327	4.304746	2.105928	4.304746	up	-0.735729	-1.109499	-1.014544	1.4499154	0.735729	1.223131			FALSE				20786879	chr15	20786820	+	20786820	hs 15q11.2		chr15:020786879-020786820		
A_21_P001	2.545952	1.348205	2.545952	up	-0.59292	-0.761754	-0.667224	0.713705	0.716094	0.59292	Inc-C7orf22	Inc-C7orf22	FALSE	PREDICTED: Homo sapiens unchar	86780818	chr7	86780759	-	86780759	hs 7q21.12	XM_006711	chr7:86780	XM_006711	Hs.633960		
A_23_P49S	2.366746	1.242905	2.366746	up	-0.593076	-0.549026	-0.575164	0.586958	0.875464	0.549026	KRT10	keratin 10,	FALSE	Homo sapi	3858	GO:000588	38974495	chr17	38974436	+	38974436	hs 17q21.2	NM_00042	chr17:3897	NM_00042	Hs.99936
A_33_P342	2.785646	1.478012	2.785646	up	-0.754065	-0.633476	-0.803751	0.633476	0.78865	0.820617			FALSE	HSENOAL2	alpha-enol	GO:006069	8934975	chr1	8934916	+	8934916	hs 1p36.23		chr1:008934916-008934975		
A_32_P443	4.511059	2.173466	4.511059	up	-1.001916	-1.073486	-1.038561	1.185363	1.001917	1.219154	EEF1A1	eukaryotic	FALSE	Homo sapi	1915	GO:000551	74229189	chr6	74229130	+	74229130	hs 6q13	NM_00140	chr6:74229	NM_00140	Hs.535192
A_24_P10C	2.830952	1.501287	2.830952	up	-0.934197	-1.20299	-0.434682	0.765139	0.434682	0.732172			FALSE	long intergenic non-protein coding	46723274	chr21	46723215	+	46723215	hs 21q22.3		chr21:46723274-46723	Hs.171428			
A_33_P333	4.610338	2.204873	4.610338	up	-1.232021	-1.169786	-0.920247	0.920247	1.30297	1.069347			FALSE				17286861	chr17	17286802	+	17286802	hs 17p11.2		chr17:017286802-017286861		
A_22_P00C	2.433299	1.282913	2.433299	up	-1.107892	-0.390263	-0.727982	0.390263	0.72185	0.510489	Inc-C1orf31	Inc-C1orf31	FALSE	LNCipedia	lincRNA	(Inc-C1orf31-1)	2.34E+08	chr1	2.34E+08	+	2.34E+08	hs 1q42.2	U09759	chr1:234492776-23444	Hs.484371	
A_22_P00C	2.932007	1.551889	2.932007	up	-0.655368	-0.724069	-0.810316	0.655368	0.943373	0.867171	Inc-FAM76	Inc-FAM76	FALSE	Q5VVR3_HUMAN (Q5VVR3)	Interf	27996089	chr20	27996030	+	27996030	hs 1p36.11		chr1:27996030-27996089			
A_24_P418	2.057207	1.040687	2.057207	up	-0.362476	-0.382978	-0.406316	0.802584	0.362476	0.805231	GNAS	GNAS com	FALSE	Homo sapi	2778	GO:000551	57485394	chr12	57485083	+	57485083	hs 20q13.3	NM_00107	chr20:5748	NM_00107	Hs.125898
A_22_P00C	2.915734	1.543859	2.915734	up	-0.535952	-1.004705	-1.004266	0.739966	0.535952	0.810737	Inc-ATG7-2	Inc-ATG7-2	FALSE	BP417745	Homo sapiens small intr	11761209	chr3	11761150	+	11761150	hs 3p25.3	BP417745	chr3:11761150-11761	Hs.581519		
A_23_P253	2.436952	1.285078	2.436952	up	-0.512346	-0.500996	-0.757481	0.846427	0.500996	0.736988	PFN2	profilin 2	FALSE	Homo sapi	5217	GO:000551	1.5E+08	chr3	1.5E+08	hs 3q25.1	NM_05302	chr3:14968	NM_05302	Hs.91747		
A_33_P338	4.394563	2.13572	4.394563	up	-1.013777	-0.737695	-1.262395	1.38608	0.737695	1.269518	LINC00923	long interg	FALSE	Homo sapi	91948		98285957	chr15	98285898	+	98285898	hs 15q26.2	NR_024177	chr15:9828	NR_024177	Hs.130423
A_33_P34C	2.633703	1.397093	2.633703	up	-0.579363	-0.679969	-0.706365	0.801525	0.579364	0.844691			FALSE				28966479	chr10	28966420	+	28966420	hs 10p12.1		chr10:028966479-028966420		
A_23_P134	2.518788	1.33273	2.518788	up	-0.890053	-0.561775	-0.612252	0.634962	0.561775	0.737371	CLDN23	claudin 23	FALSE	Homo sapi	137075	GO:001633	8561472	chr8	8561413	+	8561413	hs 8p23.1	NM_19428	chr8:85614	NM_19428	Hs.183617
A_33_P33C	2.213085	1.146058	2.213085	up	-0.762669	-0.748705	-0.408647	0.616463	0.408647	0.494874	NAMPT	nicotinamid	FALSE	Homo sapi	10135	GO:000551	1.06E+08	chr7	1.06E+08	hs 7q22.3	AK023341	chr7:105900620-105900561				
A_22_P00C	7.492942	2.905532	7.492942	up	-1.113214	-1.684096	-1.420409	1.672406	1.113214	1.713258	LOC100125	uncharacte	FALSE	Homo sapi	1E+08		775622	chr4	775563	+	775563	hs 4p16.3	NR_036511	chr4:77562	NR_036511	Hs.731755
A_21_P00C	2.310129	1.207973	2.310129	up	-0.543432	-0.506354	-0.525743	0.582497	0.959539	0.506354	WFDC21P	WAP four-c	FALSE	Homo sapi	645638		58160989	chr17	58160930	+	58160930	hs 17q23.1	NR_030731	chr17:5816	NR_030731	Hs.463652
A_21_P001	5.222399	2.384713	5.222399	up	-1.315282	-1.175116	-0.916111	0.916111	1.877215	0.954301			FALSE	Q14867_HUMAN (Q14867)	K222 p	33256590	chr22	33256531	+	33256531	hs 22q12.3		chr22:033256590-033256531			
A_24_P411	2.165068	1.114412	2.165068	up	-0.531996	-0.45528	-																			

A_21_P00C	2.073349	1.051963	2.073349	up	-0.348134	-0.40499	-0.207806	0.85901	0.207806	1.128143	Inc-GUSB-2	Inc-GUSB-2	FALSE	LNCipedia lincRNA (Inc-GUSB-2), li	65564698	chr7	65564639	-	hs 7q11.21	chr7:65564698-65564639
A_24_P178	2.014686	1.010555	2.014686	up	-0.429086	-0.529782	-0.532591	0.609116	0.429086	0.502004			FALSE	ribosomal protein L18a pseudogen	1.11E+08	chrX	1.11E+08	-	hs Xq23	chrX:110867823-110867764
A_33_P345	6.007953	2.586874	6.007953	up	-1.113032	-1.493611	-1.051167	1.498148	1.051167	1.553496	SNORA71A	small nucle	FALSE	AGENCOUF	26777	chr20	37054976	-	hs 20q11.2	BM918074 chr20:37054976-37054976
A_33_P334	3.032716	1.60061	3.032716	up	-0.629902	-1.042915	-0.697641	0.897927	0.629903	0.903543			FALSE		29887696	chr16	29887637	-	hs 16p11.2	chr16:029887696-029887637
A_22_P00C	2.117287	1.082217	2.117287	up	-0.359452	-0.390872	-0.441135	0.926411	0.359452	0.769327	GAS6-AS1	GAS6 antis	FALSE	Homo sapi	650669	chr13	1.15E+08	+	hs 13q34	NR_044991 chr13:1145 NR_044991
A_22_P00C	2.613295	1.38587	2.613295	up	-0.765254	-0.778486	-0.597334	0.700922	0.597334	0.718281	Inc-AL3535	Inc-AL3535	FALSE	LNCipedia lincRNA (Inc-AL353597	37515052	chr6	37514993	+	hs 6p21.2	chr6:37514993-37515052
A_22_P00C	2.00949	1.006829	2.00949	up	-0.857514	-0.977485	0.14723	0.052654	-0.052654	1.332719	Inc-IDH3G	Inc-IDH3G	FALSE	BOX364425	Homo sapiens	NEUROBL	1.53E+08	chrX	hs Xq28	BOX364425 chrX:153031905-153031905
A_24_P187	2.581605	1.368268	2.581605	up	-0.642475	-0.787858	-0.686566	0.644232	0.642475	0.7012	SVEP-H	sushi, von \	FALSE	sushi, von \	79987	GO:000573	1.13E+08	chr9	hs 9q31.3	BC030816 chr9:113238473-113238473
A_33_P33C	2.089748	1.063329	2.089748	up	-0.348538	-0.528776	-0.336678	0.767967	0.336679	0.871349	LOC643545	uncharacte	FALSE	Homo sapi	643549	chr20	44563229	chr20	hs 20q13.1	BC133006 chr20:44563229-44563229
A_33_P327	3.259513	1.704657	3.259513	up	-0.607987	-1.038727	-0.614416	1.028104	0.607987	1.216749	HMX1	H6 family f	FALSE	Homo sapi	3166	GO:004356	8869424	chr4	hs 4p16.1	NM_01894 chr4:8869424-NM_01894
A_33_P368	3.080243	1.623044	3.080243	up	-0.715579	-0.743272	-0.878298	0.906101	0.715579	0.910306	PREPL	prolyl endc	FALSE	Homo sapi	9581	GO:000579	44549028	chr2	hs 2p21	NM_00603 chr2:44549028-NM_00603
A_33_P34C	4.664967	2.221867	4.664967	up	-0.871241	-1.030229	-0.827613	1.555558	0.827613	1.553347			FALSE		50036	chrUn_gliO	49977	+		chrUn_gliO00217:000049977-000050036
A_33_P322	2.137716	1.09607	2.137716	up	-0.419404	-0.678743	-0.538935	0.419404	0.734547	0.497178	ARHGAP26	Rho GTPase	FALSE	Homo sapi	23092	GO:000551	1.43E+08	chr5	hs 5q31.3	NM_01507 chr5:14260 NM_01507
A_33_P331	7.097212	2.872752	7.097212	up	-1.320676	-1.20779	-1.022455	1.813514	1.022455	2.094867			FALSE		19193130	chr20	19193071	+	hs 20p11.23	chr20:19193130-19193071
A_21_P001	9.029201	3.174598	9.029201	up	-1.42097	-1.613925	-1.416522	2.200447	1.45541				FALSE		1.06E+08	chr7	1.06E+08	+	hs 7q22.3	chr7:105891330-105891389
A_24_P203	4.558246	2.188479	4.558246	up	-0.8072	-1.237117	-0.875694	1.40486	0.8072	1.433366	LOC439951	uncharacte	FALSE	PREDICTED	439951	GO:000561	11653678	chr10	hs 10p14	XR_171055 chr10:1165 XR_171055
A_22_P00C	6.866602	2.779596	6.866602	up	-1.04868	-1.245648	-1.261294	1.824284	1.04868	1.910203	SLC38A3	solute carri	FALSE	Homo sapi	10991	GO:000529	50242781	chr3	hs 3p21.31	NM_00684 chr3:50242781-NM_00684
A_33_P335	2.775754	1.47288	2.775754	up	-0.762281	-0.688714	-0.676331	0.676331	0.844522	0.770459	CSF1	colony stirr	FALSE	Homo sapi	1435	GO:004847	1.1E+08	chr1	hs 1p13.3	NM_17221 chr1:11046 NM_17221
A_22_P00C	2.031025	1.022208	2.031025	up	-0.497113	-0.448591	-0.387578	0.691113	0.387578	0.654652	LSP1	lymphocyti	FALSE	Homo sapi	4046	GO:000716	1887897	chr11	hs 11p15.5	NM_00124 chr11:1887 NM_00124
A_21_P00C	3.732674	1.90021	3.732674	up	-0.894391	-0.904042	-1.108554	0.974413	0.924838	0.894391	SNORD15B	small nucle	FALSE	Homo sapi	114599		75115610	chr11	hs 11q13.4	NR_000021 chr11:7511 NR_000021
A_33_P335	3.563653	1.833357	3.563653	up	-0.899815	-0.9776	-0.820169	1.023254	0.820169	0.959064	MIF-AS1	MIF antis	FALSE	Homo sapi	284889		24236690	chr22	hs 22q11.2	NR_038911 chr22:2423 NR_038911
A_22_P00C	2.846227	1.509051	2.846227	up	-0.618265	-0.843185	-0.625205	0.877522	0.618265	0.94471	LRRC26	leucine ric	FALSE	Homo sapi	389816	GO:000551	1.4E+08	chr9	hs 9q34.3	NM_00101 chr9:14006 NM_00101
A_22_P00C	2.200058	1.137541	2.200058	up	-0.673185	-0.459142	-0.56553	0.487937	0.767689	0.459142	LOC101925	uncharacte	FALSE	PREDICTED	1.02E+08		31596982	chr10	hs 10p11.2	XR_424109 chr10:3159 XR_424109
A_23_P488	2.075917	1.053749	2.075917	up	-0.487204	-0.244273	-0.273148	0.925829	0.244273	0.986518	AP2A1	adaptor-rel	FALSE	Homo sapi	160	GO:007258	50309390	chr19	hs 19q13.3	NM_01420 chr19:5030 NM_01420
A_33_P331	3.307916	1.725923	3.307916	up	-0.891535	-0.846624	-0.813247	0.813247	0.941107	0.872007	MT1HL1	metallothi	FALSE	Homo sapi	645745	GO:004687	2.37E+08	chr1	hs 1q43	NM_00127 chr1:23716 NM_00127
A_23_P262	3.308589	1.726216	3.308589	up	-0.649696	-1.168004	-0.944737	0.955293	0.649695	0.811223	TPSG1	tryptase ga	FALSE	Homo sapi	25823	GO:000425	1271739	chr16	hs 16p13.3	NM_01246 chr16:1271 NM_01246
A_23_P17C	2.319169	1.213608	2.319169	up	-0.498122	-0.499526	-0.401639	0.872297	0.401639	0.967602	CST5	cystatin D	FALSE	Homo sapi	1473	GO:001095	23858186	chr20	hs 20p11.2	NM_00190 chr20:2385 NM_00190
A_32_P16C	2.218554	1.14962	2.218554	up	-0.921814	-0.37157	-0.431853	0.579626	0.37157	0.772427	DOK6	docking prc	FALSE	Homo sapi	220164	GO:000551	67406329	chr18	hs 18q22.2	NR_040101 chr18:6740 NM_15272
A_33_P336	2.49562	1.319398	2.49562	up	-0.577246	-0.535176	-0.693716	0.817796	0.535176	0.799084	THBS2	thrombos	FALSE	Homo sapi	7058	GO:005196	1.7E+08	chr6	hs 6q27	NM_00324 chr6:16962 NM_00324
A_33_P324	11.01215	3.461025	11.01215	up	-1.66175	-1.674268	-1.656467	1.681286	2.052837	1.656467	KCTD12	potassium	FALSE	Homo sapi	115207	GO:004323	77456107	chr13	hs 13q22.3	NM_13844 chr13:7745 NM_13844
A_33_P332	3.975811	1.9911249	3.975811	up	-0.848816	-1.126514	-0.849039	1.111905	0.848816	1.188658			FALSE		2.37E+08		2.37E+08	+	hs 2q37.2	chr2:236673342-236673283
A_33_P321	2.548106	1.349425	2.548106	up	-0.526197	-0.713481	-0.705983	0.751532	0.526197	0.824887	IQGAP2	IQ motif co	FALSE	Homo sapi	10788	GO:003431	76003854	chr5	hs 5q13.3	NM_00663 chr5:76003 NM_00663
A_24_P691	2.137734	1.096083	2.137734	up	-0.465597	-0.551298	-0.538665	0.465597	0.76207	0.505021	WFDC21P	WAP four-c	FALSE	WAP four-c	645638		58162479	chr17	hs 17q23.1	chr17:58162479-58161084
A_23_P502	2.32993	1.020287	2.32993	up	-0.785008	-0.556734	-0.476884	0.476884	0.809776	0.560074	RFX2	regulatory	FALSE	Homo sapi	5990	GO:000370	59935200	chr19	hs 19p13.3	NM_00063 chr19:5993 NM_00063
A_33_P338	3.472155	1.795831	3.472155	up	-0.726433	-0.991092	-0.935588	1.009008	0.726434	0.998939	CCM2L	cerebral ca	FALSE	Homo sapi	140706	GO:003209	30607204	chr20	hs 20q11.2	NM_08062 chr20:3060 NM_08062
A_32_P108	4.207597	2.072997	4.207597	up	-1.058052	-1.069782	-1.01964	1.031273	1.01964	1.020603	FAM20A	family with	FALSE	Homo sapi	54757	GO:000579	66533427	chr17	hs 17q24.2	NM_01756 chr17:6653 NM_01756
A_33_P326	2.189877	1.13085	2.189877	up	-0.523151	-0.470719	-0.445377	0.449269	1.058656	0.445377	MAP7D3	MAP7 dom	FALSE	Homo sapi	79649	GO:000801	1.35E+08	chrX	hs Xq26.3	NM_00117 chrX:13529 NM_00117
A_33_P33C	4.037128	2.013329	4.037128	up	-0.80929	-1.467667	-0.918199	1.005403	0.80929	1.030139			FALSE		67276199	chr11	67276140	+	hs 11q13.2	chr11:067276140-067276199
A_24_P256	3.929271	1.974262	3.929271	up	-0.839704	-0.965853	-0.773312	1.333655	0.773312	1.23695	NKX1-2	NK1 home	FALSE	Homo sapi	390010	GO:004356	1.26E+08	chr10	hs 10q26.1	NM_00114 chr10:1261 NM_00114
A_23_P141	2.168961	1.117004	2.168961	up	-0.490609	-0.572257	-0.599231	0.538149	0.660157	0.490609	RCBTB2	regulator o	FALSE	Homo sapi	1102	GO:000508	49063410	chr13	hs 13q14.2	NM_00126 chr13:4906 NM_00126
A_19_P003	2.352417	1.234144	2.352417	up	-0.670788	-0.510514	-0.754365	0.510514	0.739325	0.516925	CAPT19	prostate ca	FALSE	Homo sapi	1.01E+08		41985124	chr19	hs 19q13.2	NR_040101 chr19:4198 NR_040101
A_24_P482	2.914162	1.543081	2.914162	up	-0.634723	-0.712704	-0.818659	0.763691	1.064742	0.634724	SECTM1	secreted ar	FALSE	Homo sapi	6398	GO:000716	80279241	chr17	hs 17q25.3	NM_00300 chr17:8027 NM_00300
A_21_P00C	2.689118	1.427133	2.689118	up	-0.418839	-0.835747	-0.624816	0.996257	0.418839	0.9869	LINC00173	long interg	FALSE	Homo sapi	1E+08		1.17E+08	chr12	hs 12q24.2	NR_027341 chr12:1169 NR_027341
A_22_P00C	3.018407	1.593788	3.018407	up	-0.734262	-0.84924	-0.812786	0.842764	0.734263	0.808046	Inc-BEGAIN	Inc-BEGAIN	FALSE	LNCipedia lincRNA (Inc-BEGAIN-1),	1.01E+08	chr14	1.01E+08	+	hs 14q32.2	chr14:101055651-101055592
A_33_P338	5.970794	2.577923	5.970794	up	-1.044576	-1.265276	-1.267209	1.563698	1.044576	1.548434	NFKBIL1	nuclear fac	FALSE	Homo sapi	4795	GO:000551	31516011	chr6	hs 6p21.3	NM_00114 chr6:31515 NM_00114
A_33_P331	4.183531	2.064721	4.183531	up	-0.901487	-1.02282	-0.83925	1.243047	0.83925	1.348311			FALSE		12523165	chr8	12523106	-	hs 8p23.1	chr8:012523165-012523106
A_33_P335	3.107148	1.635591	3.107148	up	-0.651523	-0.829011	-0.910214	0.864257	0.651523	1.000243			FALSE		1.78E+08	chr5	1.78E+08	+	hs 5q35.3	chr5:178157612-178157671
A_33_P331	3.190797	1.673917	3.190797	up	-0.699993	-1.095055	-0.592342	0.941548	0.592341	1.100472	ARHGAP33	Rho GTPase	FALSE	Homo sapi	115703	GO:000551	36278984	chr19	hs 19q13.1	NM_00117 chr19:3627 NM_00117
A_22_P00C	2.10442	1.073422	2.10442	up	-0.596273	-0.482585	-0.43174	0.586122	0.691807	0.43174	Inc-C11orf41	Inc-C11orf41	FALSE	LNCipedia lincRNA (Inc-C11orf41-1)	33731566	chr11	33731507	+	hs 11p13	chr11:33731507-33731566
A_33_P342	4.442508	2.151374	4.442508	up	-0.965568	-1.086796	-													

A_19_P003	2.532468	1.340544	2.532468	up	-0.850219	-0.566253	-0.653614	0.58317	0.566253	0.802122	Inc-LTPB3-; Inc-LTPB3-;	FALSE	Homo sapiens clone FLC0165 mRNA	65267547	chr11	65267488 -	hs 11q13.1	AF130094	chr11:65267547-65267488
A_33_P328	2.504045	1.324261	2.504045	up	-0.517583	-0.795565	-0.799739	0.805706	0.536605	0.517583	HOXA10	homeobox	FALSE	Homo sapi	3206	GO:000551	27213023	chr7	27211789 -
A_23_P205	5.990641	2.58271	5.990641	up	-1.187501	-1.320458	-1.284759	1.229138	1.538774	1.187501	CYP1B1	cytochrom	FALSE	Homo sapi	1545	GO:003362	38295503	chr2	38295444 -
A_23_P99E	2.114551	1.080351	2.114551	up	-0.558127	-0.478675	-0.523978	0.566205	0.635393	0.478675	SLC7A7	solute carri	FALSE	Homo sapi	9056	GO:000652	23242663	chr14	23242604 -
A_24_P316	2.339887	1.226439	2.339887	up	-0.389449	-0.60459	-0.675702	0.857623	0.389449	0.762503	NDUFA10	NADH dehy	FALSE	Homo sapi	4705	GO:002290	2.41E+08	chr2	2.41E+08 -
A_22_P00C	4.539969	2.182683	4.539969	up	-0.514958	-1.419452	-1.270293	1.397942	0.514958	1.430445	Inc-ANKRD	Inc-ANKRD	FALSE	LNCipedia lincRNA (Inc-ANKRD11-;	89323646	chr16	89323587 -	hs 16q24.3	chr16:89323646-89323587
A_23_P20E	20.48564	4.356541	20.48564	up	-2.45899	-0.212495	-0.209157	2.012495	2.463418	2.03071	HP	haptoglobli	FALSE	Homo sapi	3240	GO:000551	72094936	chr16	72094877 +
A_33_P34C	2.011846	1.00852	2.011846	up	-0.372892	-0.374941	-0.072697	0.845333	0.072697	1.287			FALSE	Homo sapi	53875228	chr18	53875169 -	hs 18q21.31	chr18:053875228-053875169
A_33_P324	2.020045	1.014388	2.020045	up	-0.551684	-0.529373	-0.375197	0.375197	0.796171	0.415541	HRH1	histamine r	FALSE	Homo sapi	3269	GO:000588	11304938	chr3	11304879 +
A_33_P334	2.175382	1.121269	2.175382	up	-0.448577	-0.595976	-0.447578	0.75004	0.447578	0.674056			FALSE			58245362	chr6	58245303 +	
A_22_P00C	4.317806	2.110298	4.317806	up	-0.94165	-0.962201	-0.920148	1.395448	0.920148	1.191301			FALSE			33025830	chr5	33025771 +	
A_33_P339	6.605078	2.723576	6.605078	up	-1.382632	-1.608192	-0.955617	1.414147	0.955617	1.854523			FALSE			4643191	chr17	4643132 +	
A_21_P00C	3.588989	1.843578	3.588989	up	-0.41861	-2.222197	-0.766648	0.878732	0.41861	0.825935	Inc-TSC22D1	Inc-TSC22D	FALSE	LNCipedia lincRNA (Inc-TSC22D1-1	44974260	chr13	44974201 -	hs 13q14.11	chr13:44974260-44974201
A_21_P001	4.250998	2.087802	4.250998	up	-0.953036	-1.156714	-0.837342	1.299904	0.837342	1.179066			FALSE	Homo sapiens programmed cell de	1632759	chr5	1630626 -	hs 5p15.33	chr5:1632759-1630626
A_23_P20E	2.26186	1.17751	2.26186	up	-0.5824	-0.550262	-0.545787	0.545787	0.760521	0.547772	MT1E	metallothi	FALSE	Homo sapi	4493	GO:001719	56660912	chr16	56660853 +
A_22_P00C	2.870534	1.521319	2.870534	up	-0.778673	-1.156706	-0.460064	0.710676	0.460064	0.997775	Inc-PCYOX1	Inc-PCYOX1	FALSE	AGENCOURT_8866852 NIH_MGC_	70529148	chr2	70529089 +	hs 2p13.3	BU501378
A_23_P33E	2.308216	1.206778	2.308216	up	-0.41657	-0.754904	-0.72185	0.41657	0.807857	0.502583			FALSE	Q8IXM3_HUMAN (Q8IXM3) Mitoc	1.4E+08	chr9	1.4E+08 -	hs 9q34.3	chr9:140446712-140446653
A_19_P003	2.235242	1.160431	2.235242	up	-0.425635	-0.572227	-0.541858	0.425635	0.827791	0.688148			FALSE	PREDICTED: Homo sapiens unchari	1.4E+08	chr5	1.4E+08 +	hs 5q31.3	XR_425926
A_22_P00C	6.076237	2.603178	6.076237	up	-1.705444	-1.106747	-1.202312	1.106747	1.552453	1.135831	Inc-SLA2-2	Inc-SLA2-2;	FALSE	LNCipedia lincRNA (Inc-SLA2-2), li	35177589	chr20	35177530 -	hs 20q11.23	chr20:35177589-35177530
A_22_P00C	2.165839	1.114926	2.165839	up	-0.835197	-0.376966	-0.519994	0.509362	0.376966	0.726294			FALSE	BX118385 Soares_NFL_T_GBC_S1	15950993	chr2	15950934 -	hs 2p24.3	chr2:15950993-159509
A_21_P00C	2.867628	1.519858	2.867628	up	-0.689771	-0.767825	-0.607185	0.974877	0.607185	0.913269	Inc-STK35-;	Inc-STK35-;	FALSE	LNCipedia lincRNA (Inc-STK35-1), li	2181237	chr20	2181178 +	hs 20p13	chr20:2181178-2181237
A_22_P00C	2.847508	1.5097	2.847508	up	-0.578737	-0.70077	-0.722678	1.029076	0.578737	0.919102			FALSE	long intergenic non-protein coding	67946597	chr13	67946538 +	hs 13q21.32	chr13:67946538-67946597
A_23_P383	2.737442	1.452828	2.737442	up	-0.726262	-0.666532	-0.690181	0.876505	0.666532	0.732474	GDA	guanine de	FALSE	Homo sapi	9615	GO:000614	74862346	chr9	74860160 +
A_22_P00C	4.804204	2.264297	4.804204	up	-1.217363	-1.283005	-0.983459	1.162282	1.163325	0.983459	EWSAT1	Ewing sarco	FALSE	long interg	283673	69367002	chr15	69366943 +	
A_21_P001	14.19988	3.827807	14.19988	up	-2.213518	-1.923317	-1.681871	2.030794	1.681871	1.95205	CES1	carboxyles	FALSE	Homo sapi	1066	GO:005268	55840252	chr16	55837463 -
A_23_P592	2.162377	1.112618	2.162377	up	-0.605652	-0.470195	-0.567512	0.587685	0.470195	0.636616	TPBG	trophoblas	FALSE	Homo sapi	7162	GO:000998	83076120	chr6	83076061 +
A_33_P329	4.935835	3.23815	4.935835	up	-1.555314	-1.543715	-1.631223	1.739266	1.543715	1.701217	CYP1B1	cytochrom	FALSE	Homo sapi	1545	GO:003362	38297765	chr2	38297706 -
A_33_P331	2.750032	1.459448	2.750032	up	-0.863033	-0.698684	-0.580973	0.740694	0.580973	0.913988			FALSE			1.59E+08	chr4	1.59E+08 +	
A_22_P00C	2.138944	1.096899	2.138944	up	-0.39275	-0.527482	-0.526557	0.850551	0.392751	0.600605	PCBP1-AS1	PCBP1 anti	FALSE	Homo sapi	400960		70310729	chr2	70310670 -
A_33_P337	2.10163	1.071509	2.10163	up	-0.424018	-0.586496	-0.416613	0.416613	0.927342	0.442995	LURAP1L	leucine ric	FALSE	Homo sapi	286343		12822892	chr19	12822833 +
A_33_P33E	3.01224	1.590837	3.01224	up	-0.858389	-0.581493	-0.963629	0.771458	0.581493	1.016047	C19orf26	chromosom	FALSE	chromosom	255057	GO:001602	12299297	chr19	1229238 -
A_21_P00C	7.558897	2.918176	7.558897	up	-1.514201	-1.468845	-1.397593	1.429208	1.547087	1.397593	SNORD46	small nucle	FALSE	Homo sapi	94161		45242261	chr1	45242202 +
A_23_P627	2.026684	1.019121	2.026684	up	-0.450857	-0.700205	-0.46702	0.460262	0.528163	0.450857	ELTD1	EGF, latrop	FALSE	Homo sapi	64123	GO:000718	79383345	chr1	79358842 -
A_33_P337	2.406825	1.267131	2.406825	up	-0.865893	-0.640635	-0.506693	0.524283	0.506693	0.756657	LTK	leukocyte r	FALSE	Homo sapi	4058	GO:004306	41795900	chr15	41795841 -
A_33_P34C	7.345133	2.876789	7.345133	up	-1.348286	-1.319389	-1.451102	1.451164	1.741036	1.319389	SAA2	serum amy	FALSE	Homo sapi	6289	GO:003436	18266850	chr11	18266791 -
A_22_P00C	3.836119	1.939647	3.836119	up	-0.929932	-1.025558	-0.684499	1.265857	0.684499	1.228599	Inc-CR3920	Inc-CR3920	FALSE	LNCipedia lincRNA (Inc-CR392000.	1.39E+08	chr9	1.39E+08 +	hs 9q34.3	chr9:139010455-139010514
A_21_P00C	2.508777	1.326984	2.508777	up	-0.6978	-0.794646	-0.461391	0.615315	0.95041	0.461391	VEPH1	ventricular	FALSE	Homo sapi	79674	GO:000588	1.57E+08	chr3	1.57E+08 +
A_24_P368	2.703156	1.434645	2.703156	up	-0.622506	-0.863698	-0.521814	0.802275	0.521814	0.971829	EVX1	even-skipp	FALSE	Homo sapi	2128	GO:004356	27286018	chr7	27285959 +
A_22_P00C	4.435765	2.149183	4.435765	up	-0.948028	-1.341847	-1.174027	1.016628	0.948028	1.018992			FALSE	Homo sapiens cDNA clone IMAGE:	78428310	chr17	78428251 -	hs 17q25.3	BC033347
A_22_P00C	3.310113	1.726881	3.310113	up	-1.067457	-1.244114	-0.308619	0.744794	0.308619	1.507038	LOC102724	uncharacte	FALSE	PREDICTED	1.03E+08		41136436	chr15	41136377 -
A_23_P132	3.110322	1.637064	3.110322	up	-0.867654	-0.547003	-0.538517	1.037363	0.538517	1.362138	C21orf58	chromosom	FALSE	Homo sapi	54058		47731417	chr21	47722479 -
A_33_P334	3.501702	1.808056	3.501702	up	-0.795481	-0.706889	-0.768022	1.234559	0.706889	1.212328	DPP9-AS1	DPP9 antis	FALSE	Homo sapi	1E+08		4685929	chr19	4685870 +
A_23_P146	3.759983	1.910726	3.759983	up	-0.717612	-1.181814	-0.973315	1.11572	0.717611	1.089757	UTS2R	urotensin 2	FALSE	Homo sapi	2837	GO:000588	80333296	chr17	80333237 +
A_23_P23E	9.262527	3.211406	9.262527	up	-1.645914	-1.47196	-1.711762	1.472133	1.860487	1.47196	AMY1C	amylase, al	FALSE	Homo sapi	278	GO:000551	1.04E+08	chr1	1.04E+08 +
A_22_P00C	2.323786	1.216477	2.323786	up	-0.871509	-0.410462	-0.765816	0.410462	0.735996	0.455187	Inc-DBX1-1	Inc-DBX1-1	FALSE	LNCipedia lincRNA (Inc-DBX1-1), li	20141299	chr11	20141240 -	hs 11p15.1	chr11:20141299-20141240
A_22_P00C	3.138504	1.650077	3.138504	up	-0.938932	-0.924651	-0.727296	0.787178	0.727296	0.844878	Inc-RAD1-2	Inc-RAD1-2	FALSE	PREDICTED: Homo sapiens unchari	34656616	chr5	34656557 -	hs 5p13.2	XM_37932
A_33_P321	4.10778	2.038359	4.10778	up	-0.94943	-1.163217	-0.739231	1.155958	0.73923	1.368011	PPDPF	pancreatic	FALSE	pancreatic	79144	GO:000727	62152993	chr20	62152934 +
A_22_P00C	3.048018	1.067871	3.048018	up	-0.75515	-0.730016	-0.743943	0.961637	0.730016	0.902851	Inc-C10orf; Inc-C10orf;		FALSE	17000600021474 GRN_PRENEU H	50627552	chr10	50627493 +	hs 10q11.2	CN291113
A_22_P00C	2.923633	1.547762	2.923633	up	-1.010424	-0.670957	-0.691582	0.741488	0.857878	0.670957	ERVMER34	endogenou	FALSE	Homo sapi	1E+08	GO:001903	53617162	chr4	53617103 -
A_19_P003	2.159477	1.110682	2.159477	up	-0.700392	-0.724207	-0.123471	0.477167	0.123471	1.183338	LINC01122	long interg	FALSE	Homo sapi	400955		59252064	chr2	59252005 +
A_33_P34C	2.390742	1.257458	2.390742	up	-0.544853	-0.676077	-0.482032	0.696221	0.482032	0.891161			FALSE			37308350	chr17	37308291 +	
A_22_P00C	4.520943	2.176624	4.520943	up	-1.146385	-0.796274	-0.665328	1.552251	0.665328	1.704305	Inc-GPR15-	Inc-GPR15-	FALSE	AY359121 C3ORF4 (Homo sapiens)	98241677	chr3	98241618 +	hs 3q11.2	chr3:98241618-98241677
A_23_P502	2.039885	1.028488	2.039885	up	-0.459612	-0.425465	-0.124089	0.813583	0.124089	1.138627	CLPTM1	cleft lip anc	FALSE	Homo sapi	1209	GO:000551	45495641	chr19	45495582 +
A_21_P001	3.735633	1.901353	3.735633	up	-0.906442	-0.831397	-0.793268	1.194181	0.793268	1.185501			FALSE	supervillin pseudogene 1 [Source:	30980007</				

A_24_P353	2.330047	1.220359	2.330047	up	-0.514626	-0.300725	-0.352829	1.032145	0.300725	1.160026	ALPL	alkaline ph	FALSE	Homo sapi	249	GO:000551	21903884	chr1	21903084	+	hs 1p36.12	NM_00047	chr1:21903	NM_00047	Hs.75431	
A_33_P362	2.085794	1.060597	2.085794	up	-0.4729	-0.454559	-0.507684	0.585401	0.454559	0.706687	PKI55	DKFZp434f	FALSE	Homo sapi	150967		2.17E+08	chr2	2.17E+08	+	hs 2q35	NR_03770	chr2:21708	NR_03770	Hs.56876	
A_22_P00C	4.233183	2.081743	4.233183	up	-0.779645	-1.416037	-0.858419	1.167874	0.779645	1.243609			FALSE				70796305	chr15	70796246	-	hs 15q23		chr15:70796305	70796246		
A_23_P567	6.162247	2.623457	6.162247	up	-1.171181	-1.639503	-1.115588	1.311599	1.115588	1.516912	TUBA3D	tubulin, alp	FALSE	Homo sapi	113457	GO:000551	1.32E+08	chr2	1.32E+08	+	hs 2q21.1	NM_08038	chr2:13224	NM_08038	Hs.503749	
A_22_P00C	5.257387	2.394346	5.257387	up	-1.474888	-1.02337	-1.122928	1.385173	1.153308	1.02337	HLX-AS1	HLX antiser	FALSE	Homo sapi	1.01E+08		2.21E+08	chr1	2.21E+08	-	hs 1q41	NR_04690	chr1:22105	NR_04690		
A_22_P00C	2.686989	1.425991	2.686989	up	-0.990701	-0.629236	-0.5506	0.865238	0.5506	0.691598	DNAJC27-A	DNAJC27 a	FALSE	Homo sapi	729723		25195101	chr2	25195042	+	hs 2p23.3	NR_03411	chr2:25195	NR_03411	Hs.436366	
A_32_P468	2.840593	1.506192	2.840593	up	-0.676323	-0.161964	-1.119545	0.702208	0.619694	0.781113	LOC72968C	uncharacte	FALSE	Homo sapi	729680		21276863	chr13	21276804	+	hs 13q12.1	AK090664	chr13:21276863	21276804	Hs.655142	
A_22_P00C	2.908443	1.540247	2.908443	up	-0.450473	-0.646463	-0.856556	1.310737	0.450473	0.906037			FALSE				17216107	chr1	17216048	-	hs 1p36.13	BC070363	chr1:17216107	17216048	Hs.465405	
A_23_P142	2.296994	1.199747	2.296994	up	-0.594446	-0.542031	-0.532831	0.532832	0.803352	0.593747	RPL37A	ribosomal l	FALSE	Homo sapi	6168	GO:001046	2.17E+08	chr2	2.17E+08	+	hs 2q35	NM_00099	chr2:21736	NM_00099	Hs.433701	
A_23_P32C	2.300652	1.202043	2.300652	up	-0.717815	-0.428174	-0.731304	0.428174	0.699098	0.601564	RG516	regulator o	FALSE	Homo sapi	6004	GO:004354	1.83E+08	chr1	1.83E+08	-	hs 1q25.3	NM_00292	chr1:18256	NM_00292	Hs.413297	
A_22_P00C	2.826282	1.498906	2.826282	up	-0.740137	-0.781346	-0.740166	0.740136	0.754777	0.740154	MT1B	metallothi	FALSE	Homo sapi	4490	GO:007129	56686548	chr16	56686489	+	hs 16q12.2	NM_00594	chr16:5668	NM_00594	Hs.656629	
A_22_P00C	2.710167	1.438382	2.710167	up	-0.737766	-0.549633	-0.550161	0.956459	0.549633	0.971493	Inc-TRIM41	Inc-TRIM41	FALSE	LNCipedia	lincRNA (Inc-TRIM41-3),	1.81E+08	chr5	1.81E+08	+	hs 5q35.3		chr5:180618957	180619016			
A_24_P335	2.950441	1.560931	2.950441	up	-0.761313	-0.77076	-0.768086	0.771269	0.850053	0.761313	SAA1	serum amy	FALSE	Homo sapi	6288	GO:000166	18291310	chr11	18290868	+	hs 11p15.1	NM_00033	chr11:1829	NM_00033	Hs.632144	
A_33_P333	2.147206	1.10246	2.147206	up	-0.813933	-0.951465	-0.33436	0.395769	0.477495	0.33436			FALSE				42894280	chr20	42894221	+	hs 20q13.12		chr20:042894221	042894280		
A_24_P156	3.442046	1.783267	3.442046	up	-0.781425	-0.865997	-0.767601	1.053769	0.767601	1.113407			FALSE	Homo sapiens	chromosome 19 op	4909287	chr19	4909228	-	hs 19p13.3	BC137009	chr19:4909287	4909228	Hs.108106		
A_33_P322	4.117366	2.041722	4.117366	up	-0.816482	-1.131077	-1.107005	1.123856	0.816482	1.130262	LHX3	LIM homec	FALSE	Homo sapi	8022	GO:000566	1.39E+08	chr9	1.39E+08	-	hs 9q34.3	NM_01456	chr9:13908	NM_01456	Hs.148427	
A_23_P401	2.626031	1.392884	2.626031	up	-0.667605	-0.555794	-0.663071	0.904941	0.555794	0.831447	CDH22	cadherin 2	FALSE	Homo sapi	64405	GO:001633	44802794	chr20	44802735	-	hs 20q13.1	NM_02124	chr20:4480	NM_02124	Hs.472861	
A_22_P00C	1.17692	3.556944	1.17692	up	-1.391381	-2.258331	-2.049236	1.592605	1.391381	1.5879	ERICH1-AS	ERICH1 ant	FALSE	Homo sapi	619343		687825	chr8	687766	+	hs 8p23.3	NR_07339	chr8:68776	NR_07339	Hs.722154	
A_22_P00C	2.032557	1.023296	2.032557	up	-0.448837	-0.332373	-0.396288	0.820092	0.332373	0.739924			FALSE	Homo sapiens	mRNA; cDNA DKFZ	22221998	chr6	22221939	+	hs 6p22.3	AL117559	chr6:22221939	22221939	Hs.233120		
A_24_P127	3.347551	1.743106	3.347551	up	-0.999541	-0.738884	-0.630246	0.872594	0.630246	1.357807	MAFA	v-maf aviar	FALSE	Homo sapi	389692	GO:004356	1.45E+08	chr8	1.45E+08	-	hs 8q24.3	NM_20158	chr8:14451	NM_20158	Hs.521914	
A_24_P566	5.477641	2.453555	5.477641	up	-0.965232	-1.110133	-0.90623	1.779139	0.90623	1.693701	ZNF205	zinc finger	FALSE	Homo sapi	7755	GO:000551	3169894	chr16	3169835	+	hs 16p13.3	NM_00345	chr16:3169	NM_00345	Hs.592088	
A_32_P207	2.086847	1.061325	2.086847	up	-0.590246	-0.402678	-0.680107	0.599228	0.402678	0.509038	CT47A11	cancer/test	FALSE	Homo sapi	255313		1.2E+08	chrX	1.2E+08	-	hs Xq24	NM_17357	chrX:12007	NM_17357	Hs.522775	
A_23_P516	2.245436	1.166996	2.245436	up	-0.761896	-0.60758	-0.464964	0.464965	0.562585	0.638997	MEF2D	myocyte er	FALSE	Homo sapi	4209	GO:000551	1.56E+08	chr1	1.56E+08	-	hs 1q25.1	NM_00592	chr1:15643	NM_00592	Hs.314327	
A_24_P81C	2.071565	1.050721	2.071565	up	-0.416242	-0.5437	-0.211094	0.794027	0.211094	0.976006	MXRA7	matrix-rem	FALSE	Homo sapi	439921	GO:001602	74676626	chr17	74676567	+	hs 17q25.1	NM_00100	chr17:7467	NM_00100	Hs.250723	
A_33_P336	2.002466	1.001777	2.002466	up	-0.358889	-0.464814	-0.372538	0.761937	0.358889	0.688264			FALSE			68409003	chr9	68408944	-	hs 9q13		chr9:068409003	068408944			
A_33_P321	2.581641	1.368288	2.581641	up	-0.754262	-0.559611	-0.722575	0.785873	0.559611	0.722931	TLE1	transducin-	FALSE	Homo sapi	7088	GO:000551	84225208	chr9	84225149	-	hs 9q21.32	NM_00130	chr9:84225	NM_00130	Hs.197320	
A_33_P328	6.506463	2.701874	6.506463	up	-0.965095	-1.601017	-1.607907	1.647749	0.965096	1.318757	FOXPA	forkhead b	FALSE	Homo sapi	116113	GO:000750	41567697	chr6	41567638	+	hs 6p21.1	NM_00101	chr6:41567	NM_00101	Hs.131436	
A_23_P337	2.690448	1.427846	2.690448	up	-0.728539	-0.682129	-0.705605	0.682129	0.738467	0.747209	DHR53	dehydroge	FALSE	Homo sapi	9249	GO:000760	12628169	chr1	12628110	-	hs 1p36.22	NM_00475	chr1:12628	NM_00475	Hs.289347	
A_19_P008	2.060103	1.042717	2.060103	up	-0.466177	-0.498757	-0.498004	0.565914	0.466177	0.633122	ARPC2	actin relate	FALSE	Homo sapi	10109	GO:000551	2.19E+08	chr2	2.19E+08	+	hs 2q35	NM_15286	chr2:21911	NM_15286	Hs.529303	
A_33_P334	2.335793	1.223912	2.335793	up	-0.577139	-0.652991	-0.488543	0.698833	0.488542	0.759389	TMEM88B	transmemt	FALSE	Homo sapi	643965	GO:001602	1363107	chr1	1363048	+	hs 1p36.33	NM_00114	chr1:13630	NM_00114	Hs.729765	
A_22_P00C	3.941682	1.978812	3.941682	up	-0.859578	-1.033551	-1.029956	1.065114	0.859578	1.088657			FALSE	Homo sapi	603052692F1	NIH_MGC_122	Homo	1.34E+08	chr11	1.34E+08	-	hs 11q25	BI766433	chr11:133906851	133906851	Hs.573898
A_24_P406	5.360445	2.422353	5.360445	up	-1.237303	-1.062791	-1.221017	1.062791	1.566456	1.116702	GREM2	gremlin 2, l	FALSE	Homo sapi	64388	GO:006030	2.41E+08	chr1	2.41E+08	-	hs 1q43	NM_02246	chr1:24065	NM_02246	Hs.98206	
A_23_P206	2.079176	1.056012	2.079176	up	-0.865549	-0.590806	-0.40341	0.40341	0.473675	0.433186	NQO1	NAD(P)H di	FALSE	Homo sapi	1728	GO:000551	69744333	chr16	69744274	+	hs 16q22.1	NM_00090	chr16:6974	NM_00090	Hs.406515	
A_24_P393	3.166737	1.662997	3.166737	up	-0.818386	-0.746667	-0.796474	0.746667	1.04662	0.831478	GDA	guanine de	FALSE	Homo sapi	9615	GO:000614	74867001	chr9	74866942	+	hs 9q21.13	NM_00429	chr9:74866	NM_00429	Hs.494163	
A_23_P447	2.482782	1.311958	2.482782	up	-0.540667	-0.549335	-0.521672	0.521671	1.211742	0.590786	CSRP2	cysteine an	FALSE	Homo sapi	1466	GO:000367	77252613	chr12	77252554	-	hs 12q21.2	NM_00132	chr12:7725	NM_00132	Hs.530904	
A_33_P323	2.70846	1.437473	2.70846	up	-0.787671	-0.665735	-0.55943	0.818525	0.55943	0.921626	PSD	pleckstrin e	FALSE	Homo sapi	5662	GO:000551	1.04E+08	chr10	1.04E+08	-	hs 10q24.3	NM_00277	chr10:1041	NM_00277	Hs.154658	
A_22_P00C	2.159455	1.110668	2.159455	up	-0.502582	-0.557873	-0.590347	0.652484	0.526134	0.502582	LOC101928	uncharacte	FALSE	PREDICTED	1.02E+08		57112577	chr4	57112518	+	hs 4q12	XR_24526C	chr4:57112	XR_24526C	Hs.637117	
A_33_P328	3.900868	1.963795	3.900868	up	-0.848178	-0.999999	-0.552527	1.583042	0.552527	1.355113	C11orf95	chromosom	FALSE	Homo sapi	65998		63533339	chr11	63533280	-	hs 11q13.1	NM_00114	chr11:6353	NM_00114	Hs.191073	
A_23_P138	2.058904	1.041877	2.058904	up	-0.401194	-0.29688	-0.393145	0.858543	0.29688	0.878989	ATN1	atrophin 1	FALSE	Homo sapi	1822	GO:000551	7051314	chr12	7051255	+	hs 12p13.3	NM_00100	chr12:7051	NM_00100	Hs.143766	
A_32_P93C	2.357242	1.2371	2.357242	up	-0.45035	-0.795093	-0.43706	0.43706	0.721723	0.870013			FALSE	Synthetic construct	Homo sapiens	45411956	chr19	45411897	+	hs 19q13.3	CU678501	chr19:045411956	045411897			
A_33_P321	3.428374	1.777525	3.428374	up	-0.716784	-0.936636	-0.756979	1.159467	0.716784	1.045925	ELFN1	extracellul	FALSE	Homo sapi	392617	GO:005080	1787459	chr7	1787400	+	hs 7p22.3	NM_00112	chr7:17874	NM_00112	Hs.42896	
A_33_P339	2.213556	1.146366	2.213556	up	-0.585	-0.639918	-0.535579	0.591292	0.535558	0.551728	LOC100133	uncharacte	FALSE	PREDICTED	1E+08		90235494	chr16	90235435	+	hs 16q24.3	XR_429801	chr16:9023	XR_429801	Hs.661255	
A_33_P322	2.73163	1.449762	2.73163	up	-0.727003	-0.618067	-0.685387	0.618067	1.061601	0.639161	SNORD3B-	small nucle	FALSE	Homo sapi	26851		18965441	chr17	18965382	+	hs 17p11.2	NR_00327	chr17:1896	NR_00327	Hs.658815	
A_21_P001	3.47859																									

A_23_P15C	2.390412	1.257259	2.390412	up	-0.588194	-0.466364	-0.511505	0.820028	0.466364	0.919323	LRP5	low density	FALSE	Homo sapi	4041	GO:000551	68216418	chr11	68216359	+	hs 11q13.2	NM_00233	chr11:6821	NM_00233	Hs.6347
A_22_P00C	2.283143	1.191021	2.283143	up	-0.46743	-0.494843	-0.715967	0.650039	0.46743	0.777355			FALSE				1.38E+08	chr9	1.38E+08	+	hs 9q34.3		chr9:138245095-138245154		
A_24_P831	6.19023	2.629993	6.19023	up	-1.379854	-1.761857	-0.86127	1.280583	0.86127	1.745144	C1orf229	chromosom	FALSE	Homo sapi	388759		2.47E+08	chr1	2.47E+08	-	hs 1q44	NM_20740	chr1:24727	NM_20740	Hs.456511
A_33_P329	4.490832	2.166983	4.490832	up	-0.820938	-1.522005	-1.068687	1.141629	0.820937	1.126752	NKX2-5	NK2 homer	FALSE	Homo sapi	1482	GO:000551	1.73E+08	chr5	1.73E+08	-	hs 5q35.1	NM_00116	chr5:17265	NM_00116	Hs.54473
A_22_P00C	3.356051	1.746765	3.356051	up	-0.948473	-1.489921	-0.329299	0.635133	0.329299	1.508167			FALSE				1.34E+08	chr10	1.34E+08	+	hs 10q26.3		chr10:134232627-134232686		
A_33_P336	2.055819	1.039713	2.055819	up	-0.522487	-0.457411	-0.414222	0.414222	0.757317	0.55348	NAMPT	nicotinami	FALSE	Homo sapi	10135	GO:000551	1.06E+08	chr7	1.06E+08	-	hs 7q22.3	NM_00574	chr7:10591	NM_00574	Hs.489615
A_33_P337	2.030683	1.021965	2.030683	up	-0.549365	-0.532404	-0.459756	0.506132	0.459756	0.558482			FALSE				41406	chr17	41347	+	hs 17p13.3		chr17:000041347-000041406		
A_33_P34C	2.708619	1.437558	2.708619	up	-0.689957	-0.613694	-0.55859	1.033748	0.55859	0.55859			FALSE				1.84E+08	chr1	1.84E+08	+	hs 1q25.3		chr1:183604736-183604795		
A_33_P337	2.108325	1.076098	2.108325	up	-0.86468	-0.329516	-0.647114	0.720254	0.329516	0.337212	PPP1R13B	protein phc	FALSE	Homo sapi	23368	GO:000551	1.04E+08	chr14	1.04E+08	-	hs 14q32.3	NM_01531	chr14:1042	NM_01531	Hs.709297
A_21_P001	2.029348	1.021016	2.029348	up	-0.555494	-0.654907	-0.413187	0.413187	0.485114	0.541116	Inc-TSC1-1	Inc-TSC1-1:	FALSE	Homo sapiens	mRNA expressed or		1.36E+08	chr15	1.36E+08	-	hs 9q34.13	AB019568	chr9:135896274-13589	Hs.535192	
A_23_P129	2.097832	1.0689	2.097832	up	-0.424758	-0.384254	-0.481138	0.790657	0.384254	0.741636	IDH2	isocitrate d	FALSE	Homo sapi	3418	GO:000028	90630706	chr15	90630472	-	hs 15q26.1	NM_00216	chr15:9063	NM_00216	Hs.596461
A_24_P145	2.223691	1.152956	2.223691	up	-0.339931	-0.374424	-0.327419	0.993615	0.327419	1.096061	SERINC2	serine inco	FALSE	Homo sapi	347735	GO:000666	31902364	chr1	31902305	+	hs 1p35.2	NM_17886	chr1:31902	NM_17886	Hs.270655
A_21_P001	2.300739	1.202097	2.300739	up	-0.5034	-0.644318	-0.470193	0.769898	0.470193	0.748289			FALSE	Gene marker which use for analysi			1E+08	chr15	1E+08	+	hs 15q26.3		chr15:100379122-100379181		
A_23_P101	2.708067	1.437264	2.708067	up	-0.62914	-0.57102	-0.610026	0.930534	0.57102	1.00005	C3	complemei	FALSE	Homo sapi	718	GO:000551	6679434	chr19	6679177	-	hs 19p13.3	NM_00006	chr19:6679	NM_00006	Hs.529053
A_33_P321	2.618437	1.388706	2.618437	up	-0.500213	-0.567517	-0.475871	1.048689	0.475871	1.097956			FALSE				19625495	chr14	19625436	-	hs 14q11.2		chr14:019625495-019625436		
A_22_P00C	2.054454	1.038755	2.054454	up	-0.715513	-0.696547	-0.25277	0.573597	0.25277	0.625069			FALSE				96322144	chr14	96322085	-	hs 14q32.2		chr14:96322144-96322085		
A_33_P336	5.095995	2.349364	5.095995	up	-1.062839	-1.350636	-1.111231	1.19062	1.06284	1.269927	CISD3	CDGSH iror	FALSE	Homo sapi	284106	GO:000573	36891393	chr17	36891334	+	hs 17q12	NM_00113	chr17:3689	NM_00113	Hs.713595
A_23_P95C	2.340517	1.226827	2.340517	up	-0.530786	-0.606981	-0.598504	0.712293	0.530786	0.701131	SNTB1	synthrophin,	FALSE	Homo sapi	6641	GO:004238	1.22E+08	chr8	1.22E+08	-	hs 8q24.12	NM_02102	chr8:12155	NM_02102	Hs.46701
A_22_P00C	3.134383	1.648182	3.134383	up	-0.80363	-0.82853	-0.618605	1.030255	0.618605	1.04492	ADARB2-A5	ADARB2 an	FALSE	Homo sapi	642394		1569022	chr10	1568963	+	hs 10p15.3	NR_033387	chr10:1568	NR_033387	Hs.568831
A_33_P341	3.348128	1.743355	3.348128	up	-0.852171	-0.797422	-1.03343	0.926658	0.822961	0.797422	KLF1	Kruppel-lik	FALSE	Homo sapi	10661	GO:000098	12995295	chr19	12995236	-	hs 19p13.2	NM_00656	chr19:1299	NM_00656	Hs.37860
A_24_P83C	2.140283	1.097801	2.140283	up	-0.45679	-0.451631	-0.683656	0.582828	0.666868	0.451631	RPL21	ribosomal i	FALSE	Homo sapi	6144	GO:001046	27829379	chr13	27828361	+	hs 13q12.2	NM_00098	chr13:2782	NM_00098	Hs.381123
A_23_P948	18.31924	4.195288	18.31924	up	-2.064623	-2.169691	-2.039694	2.110188	2.039694	2.161972	ORM2	orosomucc	FALSE	Homo sapi	5005	GO:000681	1.17E+08	chr9	1.17E+08	+	hs 9q32	NM_00060	chr9:11709	NM_00060	Hs.719954
A_23_P137	3.144063	1.65263	3.144063	up	-0.726213	-0.880752	-0.996042	0.865933	0.762376	0.726213	NFE2	nuclear fac	FALSE	Homo sapi	4778	GO:000370	54686038	chr12	54685979	-	hs 12q13.1	NM_00616	chr12:5468	NM_00616	Hs.75643
A_21_P00C	2.117269	1.082205	2.117269	up	-0.319406	-0.380956	-1.008386	0.319406	0.704295	0.514165	VTRNA2-1	vault RNA i	FALSE	Homo sapi	1E+08		1.35E+08	chr5	1.35E+08	-	hs 5q31.1	NR_030587	chr5:13541	NR_030587	
A_23_P106	3.376595	1.755569	3.376595	up	-0.932139	-0.820223	-0.883922	0.820223	0.973052	0.837148	EMP2	epithelial n	FALSE	Homo sapi	2013	GO:000551	10626759	chr16	10626700	-	hs 16p13.1	NM_00142	chr16:1062	NM_00142	Hs.531561
A_32_P311	2.745036	1.456825	2.745036	up	-0.619473	-0.605693	-0.787306	0.846399	0.905911	0.605693	RPL7	ribosomal i	FALSE	Homo sapi	6129	GO:000551	74202885	chr8	74202845	-	hs 8q21.11	NM_00097	chr8:74202	NM_00097	Hs.571841
A_22_P00C	4.908327	2.295231	4.908327	up	-0.982533	-1.166803	-0.978014	1.399768	0.978013	1.380564	LOC102031	uncharacte	FALSE	Homo sapi	1.02E+08		32636403	chr10	32636344	+	hs 10p11.2	NR_104167	chr10:3263	NR_104167	Hs.128132
A_33_P328	2.549192	1.350004	2.549192	up	-0.680594	-0.567785	-0.64381	0.730896	0.859252	0.567785	DPPI4	dipeptidyl-i	FALSE	Homo sapi	1803	GO:000551	1.63E+08	chr2	1.63E+08	-	hs 2q24.2	NM_00193	chr2:16284	NM_00193	Hs.368912
A_22_P00C	3.586946	1.842756	3.586946	up	-0.820234	-0.975144	-1.078395	0.953332	0.88093	0.820234	Inc-ANKRD1	Inc-ANKRD	FALSE	Human	Soares_testis_NHT	Hom	71229756	chr2	71229697	+	hs 2p13.3	BX110621	chr2:71229697-712297	Hs.560906	
A_23_P14C	4.124239	2.044128	4.124239	up	-0.802781	-1.414511	-0.867781	1.054644	0.802781	1.189885	FOXB1	forkhead b	FALSE	Homo sapi	27023	GO:003350	60297967	chr15	60297908	+	hs 15q22.2	NM_01218	chr15:6029	NM_01218	Hs.734475
A_33_P329	2.027861	1.019959	2.027861	up	-0.483193	-0.536078	-0.470697	0.470697	0.61319	0.486021	WEE1	WEE1 G2 c	FALSE	Homo sapi	7465	GO:000551	9611132	chr11	9611073	+	hs 11p15.4	NM_00339	chr11:9611	NM_00339	Hs.249441
A_33_P322	2.696307	1.430985	2.696307	up	-0.855839	-0.479506	-0.586535	0.941566	0.479506	0.950004	EEF2KMT	eukaryotic	FALSE	Homo sapi	196483	GO:000551	5134584	chr16	5134526	-	hs 16p13.3	NM_20140	chr16:5134	NM_20140	Hs.406461
A_23_P15C	2.424473	1.277671	2.424473	up	-0.608803	-0.69915	-0.628415	0.643415	0.608803	0.644429	C11orf1	chromosom	FALSE	Homo sapi	64776	GO:000815	1.12E+08	chr11	1.12E+08	+	hs 11q23.1	NM_02276	chr11:1117	NM_02276	Hs.17546
A_22_P00C	3.81286	1.930874	3.81286	up	-0.75734	-1.04161	-0.880667	1.181657	0.75734	1.174007	PRRT3-AS1	PRRT3 anti-	FALSE	Homo sapi	1.01E+08		9989288	chr3	9989229	+	hs 3p25.3	NR_046737	chr3:99892	NR_046737	Hs.616388
A_24_P20C	2.899382	1.535745	2.899382	up	-0.439247	-0.982681	-0.801802	0.922845	0.439247	1.021415	STEAP3	STEAP fami	FALSE	Homo sapi	55240	GO:000551	1.2E+08	chr2	1.2E+08	+	hs 2q14.2	NM_18291	chr2:12001	NM_18291	Hs.647822
A_23_P314	2.302394	1.203135	2.302394	up	-0.49138	-0.49527	-0.556839	0.58283	0.991706	0.491381	STEAP1	six transme	FALSE	Homo sapi	26872	GO:000521	89794063	chr7	89794004	+	hs 7q21.13	NM_01244	chr7:89794	NM_01244	Hs.61635
A_21_P001	2.141774	1.098806	2.141774	up	-0.505767	-0.613691	-0.536424	0.595863	0.538905	0.505767			FALSE	family with sequence similarity 86		3952876	chr7	3948618	-	hs 4p16.3		chr4:3952876-3948618	Hs.591652		
A_23_P118	2.288868	1.194634	2.288868	up	-0.507679	-0.720638	-0.508345	0.507679	0.755958	0.583602	HSD17B2	hydroxyste	FALSE	Homo sapi	3294	GO:000669	82131956	chr16	82131897	+	hs 16q23.3	NM_00215	chr16:8213	NM_00215	Hs.162795
A_22_P00C	2.42196	1.276175	2.42196	up	-0.793602	-0.666091	-0.371666	0.798495	0.371666	0.827004	Inc-UNC93B1	Inc-UNC93B	FALSE	Homo sapiens	mRNA; cDNA DKFZ	67777412	chr11	67777353	-	hs 11q13.2	AL137634	chr11:67777412-67777	Hs.610985		
A_21_P00C	2.249702	1.169734	2.249702	up	-0.722541	-0.339072	-0.497474	0.721664	0.889378	0.339072	Inc-FOXO6-1	Inc-FOXO6-	FALSE	LNCipedia	lincRNA (lnc-FOXO6-1),	41930229	chr1	41898933	+	hs 1p34.2		chr1:41898933-41930229			
A_33_P33C	2.330656	1.220736	2.330656	up	-0.792729	-0.474075	-0.694894	0.696929	0.474075	0.529507	MRGPRG	MAS-relate	FALSE	Homo sapi	386746	GO:000718	3239233	chr11	3239174	-	hs 11p15.4	NM_00116	chr11:3239	NM_00116	Hs.730306
A_23_P322	2.480891	1.310859	2.480891	up	-0.648138	-0.577427	-0.545475	0.545474	1.012678	0.603384	SQRDL	sulfide quir	FALSE	Homo sapi	58472	GO:003464	45983423	chr15	45983364	+	hs 15q21.1	NM_02119	chr15:4598	NM_02119	Hs.511251
A_23_P555	2.424282	1.277557	2.424282	up	-0.615365	-0.580066	-0.569385	0.714919	0.569385	0.783551	SMAD7	SMAD fami	FALSE	Homo sapi	4092	GO:000551	46446841	chr18	46446782	-	hs 18q21.1	NM_00590	chr18:4644	NM_00590	Hs.465087
A_33_P335	3.16488	1.662151	3.16488	up	-0.694065	-1.107781	-0.769738	0.882498	0.6																

A_22_P00C	9.237214	3.207458	9.237214	up	-1.403975	-1.545552	-1.362352	1.990085	1.362352	1.958059	MMP25-AS	MMP25 an	FALSE	Homo sapi	1.01E+08	3108600	chr16	3108541	-	hs 16p13.3	NR_123721	chr16:3108	NR_123723		
A_23_P35C	2.089774	1.063347	2.089774	up	-0.540393	-0.386806	-0.511898	0.618776	0.745364	0.386806	FCRLB	Fc receptor	FALSE	Homo sapi	127943	GO:000573	1.62E+08	chr1	1.62E+08	+	hs 1q23.3	NM_00100	chr1:16169	NM_00100	HS.517422
A_33_P32S	2.549178	1.350032	2.549178	up	-0.587387	-0.711732	-0.799439	0.734092	0.630061	0.587386	TYMP	thymidine i	FALSE	Homo sapi	1890	GO:000903	50964244	chr22	50964185	-	hs 22q13.3	NM_00111	chr22:5096	NM_00111	HS.180903
A_23_P10S	2.333185	1.222301	2.333185	up	-0.579769	-0.475402	-0.633825	0.475402	0.979788	0.522717	ROM1	retinal oute	FALSE	Homo sapi	6094	GO:001046	62382563	chr11	62382504	+	hs 11q12.3	NM_00032	chr11:6238	NM_00032	HS.281564
A_33_P334	3.615124	1.854045	3.615124	up	-0.727171	-1.360402	-0.897735	0.961671	0.727172	0.887984	CDC42EP5	CDC42 effe	FALSE	Homo sapi	148170	GO:000588	54976270	chr19	54976211	-	hs 19q13.4	NM_14505	chr19:5497	NM_14505	HS.415791
A_21_P001	2.020475	1.014695	2.020475	up	-0.458482	-0.374176	-0.388803	0.641708	0.374176	0.806738	LOC101927	uncharacte	FALSE	PREDICTED	1.02E+08		44077063	chr20	44077004	+	hs 20q13.1	XR_244183	chr20:4407	XR_244183	HS.729907
A_24_P183	2.169468	1.117341	2.169468	up	-0.568775	-0.610872	-0.533659	0.533659	0.541358	0.563701	BTF3	basic transi	FALSE	Homo sapi	689	GO:000551	72795018	chr5	72794959	+	hs 5q13.3	NM_00103	chr5:72794	NM_00103	HS.591768
A_33_P331	2.336443	1.224314	2.336443	up	-0.911212	-0.402766	-0.698736	0.640426	0.402766	0.617036			FALSE				1.27E+08	chr10	1.27E+08	+	hs 10q26.13		chr10:127445	429-127445	488
A_33_P32S	3.036945	1.602621	3.036945	up	-1.083534	-0.923186	-0.623745	0.623745	0.694169	0.859485	LIPE	lipase, horr	FALSE	Homo sapi	3991	GO:004634	42905725	chr19	42905666	-	hs 19q13.2	NM_00535	chr19:4290	NM_00535	HS.656980
A_23_P304	2.336438	1.224311	2.336438	up	-0.444371	-0.731336	-0.743452	0.444371	0.678866	0.630538	GATA6	GATA bindi	FALSE	Homo sapi	2627	GO:000551	19781852	chr18	19781793	+	hs 18q11.2	NM_00525	chr18:1978	NM_00525	HS.514746
A_21_P00C	2.917471	1.544719	2.917471	up	-0.866213	-0.863682	-0.630383	0.84496	0.798535	0.630383	Inc-MBIP-2	Inc-MBIP-2	FALSE	LNCipedia	lincRNA (Inc-MBIP-2), li		36604106	chr14	36604047	-	hs 14q13.3		chr14:36604106	-36604047	
A_33_P328	3.547175	1.82667	3.547175	up	-0.624685	-1.102125	-1.089056	1.105894	0.624685	0.933566	GLI4	GLI family ;	FALSE	GLI family ;	2738	GO:000815	1.44E+08	chr8	1.44E+08	+	hs 8q24.3	AB209654	chr8:144357	115-144357	174
A_21_P00C	5.371393	2.425296	5.371393	up	-1.238147	-1.115644	-1.381103	1.264252	1.161098	1.115644	SNORD12C	small nucle	FALSE	Homo sapi	26765		47895560	chr20	47895501	+	hs 20q13.1	NR_002431	chr20:4789	NR_002431	HS.722986
A_21_P001	2.544815	1.347561	2.544815	up	-0.601186	-0.486488	-0.788346	0.486488	0.898325	0.781848	XLOC_I2_008270		FALSE	BROAD Institute	lincRNA (XLOC_I2_008270		1.32E+08	chr2	1.32E+08	-	hs 2q21.1		chr2:132384604	-132384486	
A_21_P00C	2.14102	1.098299	2.14102	up	-0.536505	-0.452147	-0.344072	0.707812	0.344072	0.910287	Inc-MCCC1	Inc-MCCC1	FALSE	AF292100	RP42 protein (Homo sa		1.83E+08	chr3	1.83E+08	-	hs 3q26.33		chr3:182703645	-182698701	
A_22_P00C	3.034979	1.601687	3.034979	up	-0.990631	-0.822966	-0.631711	0.831455	0.631711	0.896585	Inc-PHTF2-	Inc-PHTF2-	FALSE	LNCipedia	lincRNA (Inc-PHTF2-), li		77620484	chr7	77620425	+	hs 7q21.11		chr7:77620425	-776204	HS.636411
A_33_P336	5.766184	2.527617	5.766184	up	-1.080714	-1.336644	-1.25658	1.48924	1.080714	1.338959			FALSE				41363168	chr4	41363109	+	hs 4p13		chr4:041363168	-041363109	
A_33_P32S	2.092127	1.064971	2.092127	up	-0.559969	-0.457624	-0.603718	0.457624	0.618912	0.497065	POLR2E	polymerasa	FALSE	Homo sapi	5434	GO:000838	1088231	chr19	1088172	-	hs 19p13.3	NM_00269	chr19:1088	NM_00269	HS.24301
A_33_P336	2.04259	1.0304	2.04259	up	-0.304312	-0.318181	-0.415247	0.847217	0.304312	0.901929	GPX3	glutathione	FALSE	Homo sapi	2878	GO:000460	1.5E+08	chr5	1.5E+08	+	hs 5q33.1	NM_00208	chr5:15040	NM_00208	HS.386793
A_23_P25C	3.916809	1.969679	3.916809	up	-0.961897	-0.935435	-0.941541	1.019992	0.935435	1.147336	FAM20C	family with	FALSE	Homo sapi	56975	GO:000579	300440	chr7	300381	+	hs 7p22.3	NM_02022	chr7:30038	NM_02022	HS.134742
A_22_P00C	3.198273	1.677293	3.198273	up	-0.612467	-0.743992	-0.976619	1.10379	0.612467	0.982544	Inc-ERLEC1	Inc-ERLEC1	FALSE	LNCipedia	lincRNA (Inc-ERLEC1-1),		54087068	chr2	54087009	+	hs 2p16.2		chr2:54087009	-54087068	
A_33_P324	3.010585	1.590044	3.010585	up	-0.575682	-0.99494	-0.742956	0.992515	0.575683	0.888357	ADAMTSL5	ADAMTS-III	FALSE	Homo sapi	339366	GO:000650	1506798	chr19	1506739	-	hs 19p13.3	NM_21360	chr19:1506	NM_21360	HS.371674
A_33_P322	2.828884	1.500233	2.828884	up	-0.495734	-0.734094	-1.210931	0.840295	0.495734	0.723913	FLJ44477	FLJ44477 p	FALSE	Homo sapi	401157		1.44E+08	chr4	1.44E+08	+	hs 4q31.21	AK126441	chr4:143768	284-14376	HS.531403
A_33_P332	3.061274	1.614132	3.061274	up	-0.714164	-0.99313	-0.670128	0.861235	0.670129	0.93361	DNNM1	dynamin 1	FALSE	Homo sapi	1759	GO:007258	1.31E+08	chr9	1.31E+08	+	hs 9q34.11	NM_00128	chr9:13101	NM_00128	HS.522413
A_33_P324	4.441054	2.150902	4.441054	up	-1.262012	-1.053165	-0.774772	1.155958	0.774772	1.432027	ZNF329	zinc finger	FALSE	zinc finger	79673	GO:000635	58666162	chr19	58666103	-	hs 19q13.4	AK090893	chr19:58666162	-586661	HS.458377
A_32_P164	4.471973	2.160912	4.471973	up	-1.013032	-1.008453	-1.086718	1.015687	1.35039	1.008453	FOXQ1	forkhead b	FALSE	Homo sapi	94234	GO:004356	1314688	chr6	1314629	+	hs 6p25.3	NM_03326	chr6:13146	NM_03326	HS.591352
A_33_P322	5.86987	2.553329	5.86987	up	-1.261016	-1.239572	-1.022919	1.386972	1.022919	1.726588	SBNO2	strawberry	FALSE	Homo sapi	22904	GO:007267	1108327	chr19	1108268	-	hs 19p13.3	NM_01496	chr19:1108	NM_01496	HS.408708
A_22_P00C	2.519414	1.333089	2.519414	up	-0.657961	-0.764388	-0.542362	0.693156	0.542363	0.799035	Inc-TPSAB1	Inc-TPSAB1	FALSE	LNCipedia	lincRNA (Inc-TPSAB1-1),		1308075	chr16	1308016	+	hs 16p13.3		chr16:1308016	-1308075	
A_33_P325	3.451422	1.787191	3.451422	up	-0.887326	-0.865349	-0.852207	0.960646	0.852207	0.943838	PDI5A	protein dis	FALSE	Homo sapi	10954	GO:003497	1.23E+08	chr3	1.23E+08	+	hs 3q21.1	NM_00681	chr3:12282	NM_00681	HS.477352
A_22_P00C	2.544635	1.347459	2.544635	up	-0.839072	-0.65173	-0.593684	0.616648	0.593683	0.74756	Inc-C9orf1C	Inc-C9orf1C	FALSE	QST6J5_HUMAN (QST6J5)	Ubiquiti		86322625	chr9	86322566	+	hs 9q21.32		chr9:86322566	-86322625	
A_22_P00C	2.291243	1.196131	2.291243	up	-0.798629	-0.841291	-0.354383	0.859207	0.354383	0.740498			FALSE	K-EST0130195	S13KMS5s1	Homo s	50864715	chr14	50864656	+	hs 14q21.3	NR_000011	chr14:50864656	-508647	HS.619827
A_19_P008	2.439652	1.286675	2.439652	up	-0.535338	-0.754241	-0.699157	0.774393	0.535338	0.561559	SEPT7-AS1	SEPT7 anti	FALSE	SEPT7 anti	1.02E+08		35792332	chr7	35792273	-	hs 7p14.2		chr7:35792332	-35792273	
A_23_P57S	2.006172	1.004445	2.006172	up	-0.47136	-0.451313	-0.438282	0.599082	0.451313	0.673985	E1F3L	eukaryotic	FALSE	Homo sapi	51386	GO:000551	38272789	chr22	38274137	+	hs 22q13.1	NM_01609	chr22:3827	NM_01609	HS.446852
A_21_P00C	2.772139	1.471	2.772139	up	-0.88424	-0.644883	-0.619949	0.619949	0.575905	0.886072	SNORD35A	small nucle	FALSE	Homo sapi	26816		49994451	chr19	49994451	+	hs 19q13.3	NR_000011	chr19:4999	NR_000011	HS.744801
A_24_P664	2.256309	1.173964	2.256309	up	-0.566471	-0.569928	-0.629894	0.60208	0.587049	0.566471	CBX5	chromobo	FALSE	Homo sapi	23468	GO:000551	54624854	chr12	54624795	-	hs 12q13.1	NM_00112	chr12:5462	NM_00112	HS.349283
A_21_P001	3.488868	1.802759	3.488868	up	-0.747099	-0.879022	-1.033749	0.747099	1.187763	0.813545	LOC102725	uncharacte	FALSE		1.03E+08		2.23E+08	chr2	2.23E+08	+	hs 2q36.1	XR_425533	chr2:22318	XR_425533	HS.732732
A_23_P203	2.347541	1.231151	2.347541	up	-0.57841	-0.497978	-0.745214	0.587717	0.786156	0.497978	PSD3	pleckstrin e	FALSE	Homo sapi	23362	GO:004354	18385112	chr8	18385053	-	hs 8p22	NM_01531	chr8:18385	NM_01531	HS.434255
A_21_P00C	2.353061	1.234539	2.353061	up	-0.68156	-0.716636	-0.511062	0.511062	0.61154	0.671572	Inc-APLN-1	Inc-APLN-1	FALSE	LNCipedia	lincRNA (Inc-APLN-1), li		1.29E+08	chrX	1.29E+08	-	hs Xq26.1		chrX:128812135	-128809966	
A_33_P341	2.200988	1.138151	2.200988	up	-0.76183	-0.493782	-0.326305	0.66596	0.326305	0.840272	ZSCAN2	zinc finger	FALSE	Homo sapi	54993	GO:000635	85166387	chr15	85166329	+	hs 15q25.2	NM_18187	chr15:8516	NM_18187	HS.594023
A_24_P217	4.230978	2.080991	4.230978	up	-1.229556	-0.956394	-0.943271	1.096446	0.943271	1.075297	EDNRA	endothelin	FALSE	Homo sapi	1909	GO:000551	1.48E+08	chr4	1.48E+08	+	hs 4q31.22	NM_00195	chr4:14846	NM_00195	HS.183713
A_22_P00C	3.083988	1.624797	3.083988	up	-0.454323	-0.801098	-0.624884	1.421783	0.454323	1.117982	Inc-RP11-1	Inc-RP11-1	FALSE	LNCipedia	lincRNA (Inc-RP11-1)-1668		12070767	chr16	12070708	-	hs 16p13.13		chr16:12070767	-12070708	
A_24_P902	2.572414	1.363123	2.572414	up	-0.723942	-0.621965	-0.716216	0.663424	0.621965	0.741857	DANCR	differential	FALSE	Homo sapi	57291		53579768	chr4	53579709	+	hs 4q12	NR_024031	chr4:53579	NR_024031	HS.744077
A_22_P00C	3.19184	1.674388	3.19184	up	-0.754882	-0.741098	-0.670514	1.036565	0.670513	1.149592			FALSE				51301739	chr20	51301680	+	hs 20q13.2		chr20:51301		

A_23_P213	3.952256	1.982677	3.952256	up	-0.989065	-1.016666	-0.926891	0.926891	1.107129	0.981388	TWIST2	twist fami	FALSE	Homo sapi	117581	GO:000551	2.4E+08	chr2	2.4E+08	+	hs 2q37.3	NM_00127	chr2:23983	NM_00127	Hs.422585	
A_33_P339	14.31193	3.839147	14.31193	up	-1.604004	-2.225722	-1.866883	2.32225	1.604004	1.894577	KCNQ2	potassium	FALSE	Homo sapi	3785	GO:000525	62065157	chr20	62065098	-	hs 20q13.3	NM_17210	chr20:6206	NM_17210	Hs.161851	
A_23_P396	2.053604	1.038158	2.053604	up	-0.262466	-0.476462	-0.533504	0.779803	0.262466	0.799774	NCOA1	nuclear rec	FALSE	Homo sapi	8648	GO:000551	24980964	chr2	24980905	+	hs 2p23.3	NM_14723	chr2:24980	NM_14723	Hs.596314	
A_23_P216	2.234062	1.159669	2.234062	up	-0.607887	-0.54064	-0.551731	0.568659	0.54064	0.669452	SVEP1	sushi, von \	FALSE	Homo sapi	79987	GO:000573	1.13E+08	chr9	1.13E+08	-	hs 9q31.3	NM_15336	chr9:11313	NM_15336	Hs.522334	
A_33_P325	5.826862	2.542719	5.826862	up	-1.259896	-0.996456	-1.296448	1.503698	0.996456	1.575205	SP8	Sp8 transc	FALSE	Homo sapi	221833	GO:000635	20823968	chr7	20823909	-	hs 7p21.1	NM_19895	chr7:20823	NM_19895	Hs.195922	
A_21_P00C	2.821715	1.496572	2.821715	up	-0.825674	-0.612006	-0.872364	0.762132	0.612006	0.805535	SNORD110	small nucle	FALSE	Homo sapi	692213		2634928	chr20	2634869	+	hs 20p13	NR_00307	chr20:2634	NR_00307		
A_23_P256	2.012569	1.009039	2.012569	up	-0.423893	-0.592174	-0.627142	0.447096	0.423893	0.512917	ARSE	arylsulfata	FALSE	Homo sapi	415	GO:000666	2854805	chrX	2853195	+	hs Xp22.3	NM_00004	chrX:28548	NM_00004	Hs.386975	
A_33_P337	2.323461	1.216276	2.323461	up	-0.568921	-0.615918	-0.585783	0.610007	0.699277	0.568921			FALSE				4608351	chr17	4608292	-	hs 17p13.2		chr17:4608351	-4608292		
A_33_P341	2.617284	1.388071	2.617284	up	-0.539299	-1.08725	-0.654063	0.539299	0.555576	0.788724	NPB	neuropepti	FALSE	Homo sapi	256933	GO:000551	79860776	chr17	79860717	+	hs 17q25.3	NM_14889	chr17:7986	NM_14889	Hs.708916	
A_24_P203	2.034667	1.024793	2.034667	up	-0.601861	-0.336669	-0.49457	0.706713	0.336669	0.597896	TPRX1	tetra-pepti	FALSE	Homo sapi	348825		14107369	chr3	14107310	+	hs 3p25.1	NR_00222	chr3:14107	NR_00222	Hs.529180	
A_23_P374	3.022825	1.595897	3.022825	up	-0.860124	-0.729484	-0.75501	0.843596	0.729484	0.869994	LACC1	laccase (m	FALSE	Homo sapi	144811		44464397	chr13	44464331	+	hs 13q14.1	NM_15321	chr13:4446	NM_15321	Hs.210586	
A_23_P864	2.963441	1.567273	2.963441	up	-0.654248	-0.969283	-0.756887	0.849219	0.654247	0.817935	LBX1	ladybird hc	FALSE	Homo sapi	10660	GO:000566	1.03E+08	chr10	1.03E+08	-	hs 10q24.3	NM_00656	chr10:1029	NM_00656	Hs.37128	
A_33_P339	8.47238	3.082767	8.47238	up	-1.273468	-1.405176	-1.42239	1.875482	1.273468	1.998319			FALSE				208989	chr7	208930	+	hs 7p22.3		chr7:000208930	-000208989		
A_23_P129	2.067802	1.048098	2.067802	up	-0.388074	-0.554339	-0.424393	0.665962	0.388074	0.723453	ZNF689	zinc finger	FALSE	Homo sapi	115509	GO:000635	30615108	chr16	30615049	+	hs 16p11.2	NM_13844	chr16:3061	NM_13844	Hs.454685	
A_24_P152	2.251308	1.170764	2.251308	up	-0.348098	-0.583265	-0.700384	0.781039	0.348098	0.751406	VAT1	vesicle ami	FALSE	Homo sapi	10493	GO:001063	41170689	chr17	41170630	+	hs 17q21.3	NM_00637	chr17:4117	NM_00637	Hs.514199	
A_23_P214	2.04634	1.033046	2.04634	up	-0.507449	-0.492282	-0.441711	0.465764	0.750221	0.44171	AKAP12	A kinase (P	FALSE	Homo sapi	9590	GO:000551	1.52E+08	chr6	1.52E+08	+	hs 6q25.1	NM_14449	chr6:15167	NM_14449	Hs.371240	
A_23_P241	2.486596	1.314172	2.486596	up	-0.427686	-0.537994	-0.799331	0.692452	0.427686	1.057367	TACR2	tachykinin	FALSE	Homo sapi	6865	GO:000551	71164785	chr10	71164726	+	hs 10q22.1	NM_00105	chr10:7116	NM_00105	Hs.88372	
A_33_P34C	8.210474	3.037466	8.210474	up	-1.315413	-1.230189	-1.568429	2.010618	1.230189	1.75756	LINC00176	long interg	FALSE	Homo sapi	284739		62671131	chr20	62671072	+	hs 20q13.3	NR_02768	chr20:6267	NR_02768	Hs.97840	
A_23_P142	2.877106	1.524619	2.877106	up	-0.770682	-0.652792	-0.765162	0.652792	1.032612	0.699816	ACP5	acid phospl	FALSE	Homo sapi	54	GO:005083	11685584	chr19	11685525	-	hs 19p13.2	NM_00161	chr19:1168	NM_00161	Hs.1211	
A_23_P865	2.143097	1.099697	2.143097	up	-0.355338	-0.357327	-0.868495	0.799346	0.355338	0.563247	BICC1	BicC family	FALSE	BicC family	80114	GO:000573	60573839	chr10	60573780	+	hs 10q21.1	AK026129	chr10:60573	AK026129	Hs.158745	
A_32_P693	3.918432	1.970277	3.918432	up	-0.885362	-0.979682	-0.999152	0.958767	1.202505	0.885362	ID2	inhibitor of	FALSE	Homo sapi	3398	GO:000165	8824341	chr2	8824282	+	hs 2p25.1	NM_00216	chr2:88242	NM_00216	Hs.180919	
A_33_P326	5.216896	2.383192	5.216896	up	-1.120515	-1.189795	-0.984596	1.315373	0.984596	1.554701	MEX3D	mex-3 RNA	FALSE	Homo sapi	399664	GO:006115	1555636	chr19	1555577	-	hs 19p13.3	NM_00117	chr19:1555	NM_00117	Hs.436495	
A_22_P00C	3.015988	1.592631	3.015988	up	-0.681231	-0.741292	-0.753835	0.965421	0.681231	0.954883	LOC100507	uncharacte	FALSE	Homo sapi	1.01E+08		1.44E+08	chr8	1.44E+08	-	hs 8q24.3	NR_12068	chr8:14436	NR_12068	Hs.446671	
A_33_P338	2.586968	1.371262	2.586968	up	-0.920117	-0.723156	-0.473589	0.65931	0.473589	0.864026	MATN1-AS	MATN1 ant	FALSE	Homo sapi	1E+08		31194140	chr1	31192359	+	hs 1p35.2	NR_03418	chr1:31192	NR_03418	Hs.659751	
A_33_P338	6.004247	2.585983	6.004247	up	-1.250567	-1.42608	-1.017329	1.510078	1.017329	1.536567	LKAAEAR1	LKAAEAR n	FALSE	Homo sapi	198437		62714996	chr20	62714937	+	hs 20q13.3	NM_00100	chr20:6271	NM_00100	Hs.570316	
A_23_P167	3.457706	1.789815	3.457706	up	-0.846365	-0.925881	-0.912176	0.846365	0.978579	0.86008	PDI A5	protein disi	FALSE	Homo sapi	10954	GO:003497	1.23E+08	chr3	1.23E+08	+	hs 3q21.1	NM_00681	chr3:12288	NM_00681	Hs.477352	
A_33_P328	2.591777	1.373941	2.591777	up	-0.583154	-0.82233	-0.460314	0.8362	0.460314	0.959513			FALSE	Homo sapiens	mRNA; cDNA	DKFZ	48087083	chr18	48087024	+	hs 18q21.1	BX648603	chr18:48087	BX648603	Hs.433728	
A_33_P34C	2.319404	1.213754	2.319404	up	-0.578516	-0.51093	-0.588241	0.648919	0.51093	0.803729	LETM1	leucine zipi	FALSE	Homo sapi	3954	GO:000573	45600828	chr14	45600769	-	hs 14q21.2	NM_01231	chr14:0456	NM_01231	Hs.120165	
A_23_P752	7.101588	2.828142	7.101588	up	-1.320288	-1.671747	-1.469042	1.354147	1.348913	1.320288	RBP4	retinol binc	FALSE	Homo sapi	5950	GO:000551	95351728	chr10	95351669	-	hs 10q23.3	NM_00674	chr10:9535	NM_00674	Hs.50223	
A_23_P207	2.247707	1.168454	2.247707	up	-0.582897	-0.538461	-0.625435	0.569911	0.650197	0.538461	SOC53	suppressor	FALSE	Homo sapi	9021	GO:000551	76353186	chr17	76353127	+	hs 17q25.3	NM_00395	chr17:7635	NM_00395	Hs.527973	
A_23_P133	2.040654	1.029032	2.040654	up	-0.32774	-0.348635	-0.365195	0.823408	0.327741	0.894376	GPX3	glutathione	FALSE	Homo sapi	2878	GO:000460	1.5E+08	chr5	1.5E+08	+	hs 5q33.1	NR_00208	chr5:15040	NR_00208	Hs.386793	
A_33_P336	3.022981	1.595972	3.022981	up	-0.651673	-0.794562	-0.72081	0.96415	0.651673	1.005049	CYP24A1	cytochrom	FALSE	Homo sapi	1591	GO:000680	52773988	chr20	52773929	+	hs 20q13.2	NM_00078	chr20:5277	NM_00078	Hs.89663	
A_22_P00C	3.260969	1.705301	3.260969	up	-0.757556	-0.917648	-0.898485	0.885584	0.757556	0.898803	YTHDF3	YTH N(6)-r	FALSE	Homo sapi	253943	GO:000551	64081460	chr8	64081401	+	hs 8q12.3	NM_00127	chr8:64081	NM_00127	Hs.491861	
A_33_P398	2.741097	1.454753	2.741097	up	-0.848972	-0.703974	-0.621769	0.822651	0.621769	0.745125	HLA-DRB3	major histc	FALSE	Homo sapi	3125	GO:0005515	[GO:0002437][GO:0050852]	[GO:0005886]	[GO:0019221][C	NM_02255	NM_02255	Hs.696211				
A_21_P00C	2.076939	1.054459	2.076939	up	-0.438221	-0.656034	-0.629941	0.438221	0.443817	0.557142	SNORD96A	small nucle	FALSE	Homo sapi	619571		1.81E+08	chr5	1.81E+08	-	hs 5q35.3	NR_00259	chr5:18066	NR_00259		
A_33_P329	3.311662	1.727555	3.311662	up	-0.914529	-0.973206	-0.80458	0.80458	0.866321	0.819449	CCDC172	coiled-coil	FALSE	Homo sapi	374355		1.18E+08	chr10	1.18E+08	+	hs 10q25.3	NM_19851	chr10:1181	NM_19851	Hs.233407	
A_33_P326	3.023462	1.596201	3.023462	up	-0.864677	-0.775366	-0.379766	1.309923	0.379766	1.079108	AIF1	allograft in	FALSE	Homo sapi	83543	GO:000573	1.34E+08	chr9	1.34E+08	+	hs 9q34.12	NM_00118	chr9:13399	NM_00118	Hs.4944	
A_22_P00C	3.732403	1.900105	3.732403	up	-0.976944	-0.946263	-0.905957	0.905956	0.958589	1.006605	Inc-GGCT-1	Inc-GGCT-1	FALSE	Homo sapiens	mRNA; cDNA	DKFZ	30625181	chr7	30625122	-	hs 7p14.3	AL137445	chr7:30625	AL137445	Hs.561708	
A_21_P00C	3.440794	1.782742	3.440794	up	-0.778354	-0.86907	-0.786715	1.091243	0.778354	1.04449	Inc-FBLN2-	Inc-FBLN2-	FALSE	LNCipedia	lincRNA (Inc-FBLN2-1), l		13759231	chr3	13759172	+	hs 3p25.1		chr3:13759172	-13759231		
A_23_P156	2.74054	1.45446	2.74054	up	-0.7323	-0.707186	-0.712256	0.7121	0.792352	0.707187	TGFB1	transformii	FALSE	Homo sapi	7045	GO:000551	1.35E+08	chr5	1.35E+08	+	hs 5q31.1	NM_00035	chr5:13539	NM_00035	Hs.369397	
A_22_P00C	3.914185	1.896812	3.914185	up	-0.834704	-0.9559	-0.596253	1.381037	0.596253	1.54199	Inc-TRAPPC	Inc-TRAPPC	FALSE	LNCipedia	lincRNA (Inc-TRAPPC12-		2876363	chr2	2876304	+	hs 2p25.3		chr2:2876304	-2876363		
A_22_P00C	2.658763	1.410755	2.658763	up	-0.744237	-0.917405	-0.50733	0.693564	0.862397	0.50733			FALSE	Homo sapiens	cDNA	FLJ38525	fls, i	30001807	chr11	30001748	-	hs 11p14.1	AK095844	chr11:30001	AK095844	Hs.128812
A_23_P848	2.231031	1.157711	2.231031	up	-0.587682	-0.547465	-0.585636	0.547465	0.614953	0.589932	FAM107A	family with	FALSE	Homo sapi	11170	GO:004300	58550152	chr3	58550093	+	hs 3p14.3	NM_00717	chr3:58550			

A_23_P333	3.811935	1.930523	3.811935	up	-0.823545	-1.064934	-0.960879	1.050358	0.823545	1.06831	FALSE	double homeobox 4 like 11 [Source: LNCipedia lincRNA (lnc-CADPS-1), chr3	73992	chrUn_gli0c	73925	+	XM_00671 chrUn_gli0c XM_00671: Hs.725918			
A_22_P00C	5.68228	2.50647	5.68228	up	-1.1392	-1.313915	-1.083771	1.412051	1.083771	1.486702	Inc-CADPS- Inc-CADPS- FALSE	63265024	chr3	63264965	-	hs 3p14.2	chr3:63265024-63264965			
A_33_P34C	2.195162	1.134327	2.195162	up	-0.493899	-0.697733	-0.413229	0.584134	0.413229	0.800756	VAMP2 vesicle-ass FALSE	6844	GO:000551	8063853	chr17	8063794	hs 17p13.1 NM_01423 chr17:8063 NM_01423 Hs.25348			
A_21_P00I	2.143952	1.100273	2.143952	up	-0.478491	-0.412089	-0.521316	0.412089	0.952253	0.524581	FALSE	AV738989 CB Homo sapiens cDNA	22418370	chr1	22418311	-	hs 1p36.12 AV738989 chr1:22418370-224183 Hs.612535			
A_22_P00C	2.92101	1.546467	2.92101	up	-0.61126	-0.898915	-0.753739	0.862523	0.61126	0.901704	FALSE	30449613	chr12	30449554	-	hs 12p11.2 DB066917 chr12:30449613-30444 Hs.569114				
A_23_P144	2.07725	1.054675	2.07725	up	-0.274497	-0.889478	-0.846768	0.391531	0.487254	0.274497	GFPT2 glutamine- FALSE	9945	GO:001605	1.8E+08	chr5	1.8E+08	hs 5q35.3 NM_00511 chr5:17972 NM_00511 Hs.696497			
A_24_P15C	3.17182	1.665311	3.17182	up	-0.98671	-0.683552	-0.666824	0.670039	1.321983	0.666824	KCNA4 potassium- FALSE	3739	GO:000525	30031851	chr11	30031792	hs 11p14.1 NM_00223 chr11:3003 NM_00223 Hs.592002			
A_33_P323	3.027391	1.598075	3.027391	up	-0.63932	-0.654411	-0.832248	1.032012	0.63932	0.996915	HDFG hepatoma- FALSE	3068	GO:000828	1.57E+08	chr1	1.57E+08	hs 1q23.1 NM_00449 chr1:15671 NM_00449 Hs.743948			
A_33_P323	2.435315	1.284109	2.435315	up	-0.408816	-0.504126	-0.542095	0.918268	0.408816	1.070205	EEF2KMT eukaryotic FALSE	196483	GO:000551	5134996	chr16	5134937	hs 16p13.3 NM_20140 chr16:5134 NM_20140 Hs.406461			
A_21_P00I	8.824483	3.141512	8.824483	up	-1.684571	-1.432518	-1.33887	1.33887	2.042531	1.587175	FALSE	HNC45-1-G12.R HNC (Human Norr	1.32E+08	chr6	1.32E+08	+	hs 6q23.2 BG927974 chr6:132269645-1322 Hs.720521			
A_22_P00C	3.257182	1.703625	3.257182	up	-0.879351	-0.899663	-0.732179	0.930152	0.732179	0.93735	LOC646762 uncharacte FALSE	646762	chr7	29638445	-	hs 7p14.3	chr7:29638504-29638445			
A_22_P00C	2.819849	1.495618	2.819849	up	-0.73536	-0.76692	-0.696767	0.696767	0.717065	0.873975	SNHG17 small nucle FALSE	388796	chr20	37063911	chr20	37063852	hs 20q11.2 NR_01536 chr20:3706 NR_01536 Hs.400876			
A_23_P15C	2.513942	1.329951	2.513942	up	-0.517545	-0.913686	-0.625332	0.754088	0.661656	0.517545	SLC22A4 solute carri FALSE	6583	GO:000551	1.32E+08	chr5	1.32E+08	hs 5q31.1 NM_00305 chr5:13167 NM_00305 Hs.310591			
A_21_P00C	2.632813	1.396605	2.632813	up	-0.687131	-0.663976	-0.714553	0.70518	0.755	0.663976	MTRNR2L2 MT-RNR2-I FALSE	1E+08	GO:000573	79945938	chr5	79945879	hs 5q14.1 NM_00119 chr5:79945 NM_00119 Hs.666077			
A_33_P322	5.915626	2.564531	5.915626	up	-1.108295	-1.513956	-1.207962	1.457034	1.108295	1.29805	PTRN1 proline rich FALSE	388199	chr16	863802	+	hs 16p13.3 NM_00101 chr16:8638 NM_00101 Hs.528461				
A_33_P33C	2.743788	1.456169	2.743788	up	-0.632112	-0.722596	-0.535631	0.936339	0.53563	1.006199	TMEM8C transmemt FALSE	389827	GO:000751	1.36E+08	chr9	1.36E+08	hs 9q34.2 NM_00108 chr9:13637 NM_00108 Hs.512467			
A_33_P32C	5.311262	2.409055	5.311262	up	-1.225704	-1.261955	-1.11131	1.184428	1.11131	1.332458	FALSE	Homo sapiens cDNA FLJ46084, fis, i	64414947	chr13	64414888	+	hs 13q21.31	chr13:64414947-64414888		
A_22_P00C	3.153206	1.658619	3.153206	up	-0.681746	-0.975687	-0.68169	0.94482	0.68169	1.004825	FALSE	Q8S994_PHAAN (Q8S994) Glucosy	1.39E+08	chr5	1.39E+08	+	hs 5q31.2	chr5:139154925-139154866		
A_21_P00C	3.459524	1.790574	3.459524	up	-1.107864	-0.794739	-0.974801	0.837045	0.794739	0.862533	LOC10192E uncharacte FALSE	PREDICTED	1.02E+08	chr4	4576914	chr4	4576855	hs 4p16.2 XR_241657 chr4:45769 XR_241657		
A_33_P32C	2.542515	1.346256	2.542515	up	-0.641146	-0.6092	-0.513559	0.513559	1.092862	0.668442	LOC10192E uncharacte FALSE	PREDICTED	1.02E+08	chr6	34665191	+	hs 6p21.31 XR_249973 chr6:34665 XR_249973 Hs.645315			
A_22_P00C	6.117172	2.612865	6.117172	up	-1.120143	-1.527558	-1.467301	1.322419	1.120144	1.281029	FOX03-AS1 FOXD3 anti FALSE	Homo sapi	1.01E+08	chr16	63788046	chr1	63787987	hs 1p31.3 NR_12163 chr1:63788 NR_12163 Hs.585161		
A_32_P207	2.144866	1.100887	2.144866	up	-0.706018	-0.491804	-0.376614	0.376614	0.917239	0.434372	SERTAD4-A SERTAD4 a FALSE	Homo sapi	574036	chr1	2.1E+08	chr1	2.1E+08	hs 1q32.2 NR_02433 chr1:21040 NR_02433 Hs.446946		
A_21_P00C	2.216812	1.148486	2.216812	up	-0.44471	-0.401309	-0.633971	0.5769	0.987259	0.401309	LOC10028E uncharacte FALSE	PREDICTED	1E+08	chr12	46781584	chr12	46781388	hs 12q13.1 XR_171951 chr12:4678 XR_171951 Hs.730135		
A_33_P327	2.149746	1.104167	2.149746	up	-0.503118	-0.561275	-0.658851	0.51316	0.503118	0.572978	C20orf196 chromoson FALSE	149840	chr20	5844557	chr20	5844498	+	hs 20p12.3 XM_00672 chr20:5844 XM_00672 Hs.529340		
A_23_P605	6.639255	2.731021	6.639255	up	-1.487925	-1.312411	-1.313237	1.312411	1.447143	1.319937	UGT1A6 UDP glucur FALSE	Homo sapi	54578	GO:005269	2.35E+08	chr2	2.35E+08	+	hs 2q37.1 NM_00107 chr2:23468 NM_00107 Hs.528482	
A_23_P324	2.423073	1.276838	2.423073	up	-0.605117	-0.659149	-0.687824	0.666593	0.606714	0.605117	CEMIP cell migrati FALSE	Homo sapi	57214	GO:000551	81243693	chr15	81243634	+	hs 15q25.1 NM_01868 chr15:8124 NM_01868 Hs.459088	
A_24_P50I	2.200207	1.137639	2.200207	up	-0.495554	-0.617609	-0.560937	0.574054	0.666921	0.495554	FALSE	1.52E+08	chr6	1.52E+08	-	hs 6q25.1	chr6:151546724-151546685			
A_23_P381	2.256127	1.173848	2.256127	up	-0.696854	-0.625699	-0.436555	0.473264	0.436555	0.852617	ORMDL3 ORMDL sp1 FALSE	Homo sapi	94103	GO:000551	38079397	chr17	38078912	+	hs 17q12	NM_13928 chr17:3807 NM_13928 Hs.514151
A_33_P341	3.519548	1.81539	3.519548	up	-0.897862	-0.90779	-0.734817	0.977669	0.734818	1.193215	UNCX UNC home FALSE	Homo sapi	340260	GO:004356	1276493	chr7	1276434	+	hs 7p22.3 NM_00108 chr7:12764 NM_00108 Hs.232272	
A_24_P303	10.69335	3.418642	10.69335	up	-1.467748	-1.898528	-1.532617	1.964596	1.467748	1.924687	C9orf62 chromoson FALSE	Homo sapi	157927	chr9	1.38E+08	chr9	1.38E+08	+	hs 9q34.3 NM_17352 chr9:13823 NM_17352 Hs.559511	
A_23_P42C	2.835929	1.053822	2.835929	up	-0.597106	-0.820654	-0.968401	0.692451	0.597106	0.835655	EZH1 enhancer c FALSE	Homo sapi	2145	GO:003509	40852733	chr17	40852674	+	hs 17q21.2 NM_00199 chr17:4085 NM_00199 Hs.194669	
A_21_P00I	3.192751	1.6748	3.192751	up	-0.838723	-0.771781	-0.793621	0.948814	0.771781	0.899681	XLOC_I2_002910 FALSE	BROAD Institute lincRNA (XLOC_I2	17144925	chr12	17144740	+	hs 12p12.3	chr12:17144740-17144925		
A_21_P00C	2.005353	1.003856	2.005353	up	-0.473121	-0.466208	-0.486743	0.466208	0.611806	0.507484	STEAP1B STEAP fami FALSE	Homo sapi	256227	GO:001602	22532239	chr7	22478371	+	hs 7p15.3 NM_00116 chr7:22532 NM_00116 Hs.729825	
A_22_P00C	6.607307	2.740662	6.607307	up	-1.504674	-1.260935	-1.196324	1.420711	1.196324	1.573221	lnc-CCCT5-1 lnc-CCCT5-1 FALSE	LNCipedia lincRNA (lnc-CCCT5-1), li	10249779	chr5	10249720	+	hs 5p15.2	chr5:10249720-10249779		
A_33_P33C	2.384283	1.253556	2.384283	up	-0.595477	-0.582453	-0.596006	0.607871	0.796406	0.582453	RPS18 ribosomal p FALSE	Homo sapi	6222	GO:000551	33240492	chr6	33240433	+	hs 6p21.32 NM_02255 chr6:33240 NM_02255 Hs.627414	
A_33_P323	2.201893	1.138744	2.201893	up	-0.52998	-0.439052	-0.465776	0.599951	0.439052	0.942422	ALDH3B1 aldehyde d FALSE	Homo sapi	221	GO:000662	67786720	chr11	67786661	+	hs 11q13.2 NM_00129 chr11:6778 NM_00129 Hs.523841	
A_22_P00C	6.370231	2.671346	6.370231	up	-1.207486	-1.393625	-1.409626	1.211318	1.584497	1.207486	lnc-GLIPR1- lnc-GLIPR1- FALSE	DA381791 BRTHA2 Homo sapiens	76425060	chr12	76425001	+	hs 12q21.2 DA381791 chr12:76425001-7642 Hs.628359			
A_23_P336	2.03261	1.023333	2.03261	up	-0.117219	-0.496538	-1.096156	0.553994	0.117219	0.688873	FURIN furin (paire FALSE	Homo sapi	5045	GO:000580	91426056	chr15	91425997	+	hs 15q26.1 NM_00256 chr15:9142 NM_00256 Hs.513153	
A_19_P003	2.458962	1.298049	2.458962	up	-0.880668	-0.483149	-0.669688	0.530716	0.846778	0.483149	LINC01291 long interg FALSE	Homo sapi	1.03E+08	chr2	75159858	chr2	75159799	+	hs 2p12	NR_12579 chr2:75159 NR_12579 Hs.708649
A_33_P32C	3.712941	1.892562	3.712941	up	-0.942147	-0.997698	-0.915954	0.977979	0.915954	0.927956	CYGB cytoglobin FALSE	Homo sapi	114757	GO:004300	74523520	chr17	74523461	+	hs 17q25.1 NM_13426 chr17:7452 NM_13426 Hs.95120	
A_32_P115	2.948189	1.559829	2.948189	up	-1.158128	-0.642245	-0.807862	0.656882	0.772125	0.642245	FALSE	BOVPOUBA polyubiqui (GO:000551	16285923	chr17	16285864	-	hs 17p11.2	chr17:16285923-16285864		
A_24_P931	16.14986	4.01345	16.14986	up	-1.927726	-1.962851	-1.982653	2.005964	2.233432	1.927726	GPR68 G protein-c FALSE	Homo sapi	8111	GO:000695	91698988	chr14	91698929	+	hs 14q32.1 NM_00348 chr14:9169 NM_00348 Hs.88882	
A_22_P00C	3.868306	1.951702	3.868306	up	-0.817465	-1.100622	-0.836091	1.126829	0.817466	1.156632	TMEM210 transmemt FALSE	transmemt	1.01E+08	GO:001602	1.4E+08	chr9	1.4E+08	+	hs 9q34.3	chr9:140066398-1400 Hs.512463
A_23_P392	2.10165	1.071523	2.10165	up	-0.541822	-0.513975	-0.506738	0.506739	0.602713	0.542581	ZFP36 ZFP36 ring FALSE	Homo sapi	7538	GO:000551	39899817	chr19	39899758	+	hs 19q13.2 NM_00340 chr19:3989 NM_00340 Hs.534052	
A_33_P327	4.052087	2.018665	4.052087	up	-0.792016	-1.207791	-1.144826	1.105284	0.792015	1.014063	HCN2 hyperpolar FALSE	Homo sapi	610	GO:000588	617157	chr19	617098	+	hs 19p13.3 NM_00119 chr19:6170 NM_00119 Hs.124161	
A_33_P324	4.691787	2.230138	4.691787	up	-1.005642	-1.007632	-0.886153	1.452852	0.886153	1.451981	FALSE	Pvt1 oncogene (non-protein codin	1.29E+08	chr8	1.29E+08	+	hs 8q24.21 M34432 chr8:128806902-1288 Hs.133107			
A_32_P544	2.609162	1.383587	2.609162	up	-0.546861	-0.586472	-0.957562	0.546861	0.945408	0.567596	FALSE	Synthetic construct Homo sapiens	30210519	chr8	30210460	+	hs 8p12	CU676483 chr8:030210519-03021 Hs.706246		
A_33_P341	2.219009	1.149916	2.219009	up	-0.60131	-0.441396	-0.438177	0.693135	0.438177	0.837552	FALSE	aa64c04.s1 NC1_CGAP_GCB1 Hom	11143339	chr19	11143280	+	hs 19p13.2 AA504818 chr19:11143339-1114 Hs.741659			
A_33_P32C	3.58506	1.841997	3.58506	up	-0.962664	-0.715687	-0.839348	1.096318	0.715687	1.196288	IQSEC3 IQ motif an FALSE	Homo sapi	440073	GO:004354	208312					

A_32_P123	2.089589	1.063219	2.089589	up	-0.479651	-0.477122	-0.409564	0.409564	0.928021	0.485737	TTC39C	tetratricop	FALSE	Homo sapi	125488	21715511	chr18	21715452	+	hs 18q11.2	NM_00129	chr18:2171	NM_00129	HS.128576	
A_33_P341	2.987596	1.578985	2.987596	up	-0.703272	-0.781139	-0.700758	0.911411	0.700759	0.939615	VP59D1	VP59 doma	FALSE	Homo sapi	9605	GO:004354	89777241	chr16	89777182	-	hs 16q24.3	NM_00491	chr16:8977	NM_00491	HS.164410
A_24_P295	3.14443	1.652799	3.14443	up	-0.780333	-0.946867	-0.761569	0.804097	0.761569	0.903961	PDPN	podoplanin	FALSE	Homo sapi	10630	GO:000669	13940881	chr1	13940822	+	hs 1p36.21	NM_19838	chr1:13940	NM_19838	HS.468675
A_33_P342	2.049036	1.034945	2.049036	up	-0.707706	-0.62943	-0.327511	0.438066	0.327511	0.674612	FAM118A	family with	FALSE	Homo sapi	55007	GO:001602	45736854	chr22	45736795	+	hs 22q13.3	NM_00110	chr22:4573	NM_00110	HS.265018
A_33_P323	3.019071	1.594105	3.019071	up	-0.767956	-0.678543	-0.919351	0.810592	0.92733	0.678543			FALSE	metallothionein 1C, pseudogene 5	66682802	chr16	56682743	+	hs 16q12.2		chr16:56682743-56682802				
A_21_P001	3.201405	1.678705	3.201405	up	-0.53509	-1.228635	-0.974356	0.53509	1.143634	0.619309			FALSE								hs 19q13.32		chr19:045737511-045737452		
A_33_P327	5.307905	2.408143	5.307905	up	-1.04298	-1.118246	-1.049878	1.474438	1.104298	1.495907			FALSE			45737511	chr19	45737452	-	hs 19q13.32		chr19:045737511-045737452			
A_22_P00C	6.588466	2.719943	6.588466	up	-1.103865	-1.49844	-1.164822	1.171735	1.103865	1.571301	Inc-CDK5R1	Inc-CDK5R1	FALSE	BOX98590	Soares_NFL_T_GBC_S1	30846114	chr17	30846055	+	hs 17q11.2	BOX98590	chr17:30846055-30846114	HS.671440		
A_19_P008	3.365308	1.750739	3.365308	up	-0.798028	-0.598603	-1.561653	0.927887	0.598603	0.767441	LOC10192E	uncharacte	FALSE	Homo sapi	1.02E+08		1.73E+08	chr1	1.73E+08	-	hs 1q25.1	NR_12596	chr1:17338	NR_125960	
A_24_P641	2.35037	1.232888	2.35037	up	-0.695778	-0.508806	-0.327767	0.780052	0.327767	1.058491	PRRC2A	proline-rich	FALSE	Homo sapi	7916	GO:000551	31604126	chr6	31604067	+	hs 6p21.33	NM_08068	chr6:31604	NM_08068	HS.436093
A_22_P00C	2.091519	1.064551	2.091519	up	-0.632743	-0.944321	-0.257829	0.480679	0.257829	0.620254	Inc-STOM-1	Inc-STOM-1	FALSE	Q3PGX6_PARDE	(Q3PGX6) Malate	1.24E+08	chr9	1.24E+08	-	hs 9q33.2		chr9:124337236-124337177			
A_23_P811	2.783131	1.476709	2.783131	up	-0.574205	-0.696976	-0.60806	0.974312	0.574205	1.002368	SFRP2	secreted fr	FALSE	Homo sapi	6423	GO:001714	1.55E+08	chr4	1.55E+08	-	hs 4q31.3	NM_00301	chr4:15470	NM_00301	HS.481022
A_33_P341	2.736046	1.452092	2.736046	up	-0.838763	-0.70713	-0.465417	0.809944	0.465417	1.069607			FALSE			1.02E+08	chr10	1.02E+08	+	hs 10q24.31		chr10:101941285-101941344			
A_22_P00C	3.508106	1.810692	3.508106	up	-0.872999	-0.883168	-0.941731	0.882497	0.872999	0.978684	Inc-MARVE	Inc-MARVE	FALSE	LNCipedia	lincRNA (Inc-MARVELD)	71757344	chr16	71757285	+	hs 16q22.2		chr16:71757285-71757344			
A_24_P336	6.557523	2.713151	6.557523	up	-1.324679	-1.306414	-1.459285	1.306414	1.339304	1.403357	BGLAP	bone gamm	FALSE	Homo sapi	632	GO:004362	1.56E+08	chr1	1.56E+08	+	hs 1q22	NM_19917	chr1:15621	NM_19917	HS.654541
A_23_P705	2.653128	1.407694	2.653128	up	-0.397511	-0.463927	-0.441697	1.236298	0.397511	1.286138	VP552	vacuolar pr	FALSE	Homo sapi	6293	GO:001990	33219398	chr6	33219339	-	hs 6p21.32	NM_02255	chr6:33219	NM_02255	HS.480356
A_23_P259	5.788396	2.533164	5.788396	up	-1.098883	-1.171317	-0.931481	1.716734	0.931481	1.749595	GDF5	growth diff	FALSE	Homo sapi	8200	GO:000551	34022026	chr20	34022147	+	hs 20q11.2	NM_00055	chr20:3402	NM_00055	HS.1573
A_33_P323	2.505947	1.325356	2.505947	up	-0.772337	-0.893536	-0.376207	0.789638	0.376207	0.768142			FALSE			66489339	chr9	66489280	-	hs 9q13		chr9:066489339-066489280			
A_33_P326	2.265732	1.179977	2.265732	up	-0.60296	-0.528494	-0.583811	0.528494	0.757898	0.538275	ITGA10	integrin, al	FALSE	Homo sapi	8515	GO:000830	1.46E+08	chr1	1.46E+08	+	hs 1q21.1	NM_00363	chr1:14554	NM_00363	HS.158237
A_24_P227	2.66452	1.413876	2.66452	up	-1.069755	-0.651494	-0.55087	0.717494	0.701145	0.55087	IL21R	interleukin	FALSE	Homo sapi	50615	GO:003010	27461383	chr16	27461324	+	hs 16p12.1	NM_18107	chr16:2746	NM_18107	HS.210546
A_33_P67C	2.544596	1.347436	2.544596	up	-0.64159	-0.880555	-0.526172	0.756136	0.526172	0.711685	SLC12A5	solute carri	FALSE			44652031	chr20	44652031	+	hs 20q13.1	AW963483	chr20:44652031-44652031	HS.732905		
A_22_P00C	2.286532	1.193161	2.286532	up	-0.524139	-0.636917	-0.636173	0.615884	0.52414	0.642229	Inc-C20orf1	Inc-C20orf1	FALSE	LNCipedia	lincRNA (Inc-C20orf96-1	278273	chr20	278214	-	hs 20p13		chr20:278273-278214			
A_33_P335	6.736528	2.752005	6.736528	up	-1.350452	-1.271349	-1.286058	1.271349	1.797797	1.27901	RNA5-8S5	RNA, 5.8S r	FALSE	Homo sapi	1E+08		156109	chrUn_gliO	156050	+	NR_00328	chrUn_gliO	NR_00328	HS.426704	
A_33_P324	3.919364	1.970619	3.919364	up	-1.296369	-0.830942	-0.906551	0.870492	0.830942	1.176563			FALSE	Homo sapiens	cDNA clone IMAGE:	1.35E+08	chr10	1.35E+08	-	hs 10q26.3	BC027847	chr10:135137970-135137970	HS.551860		
A_33_P327	2.128414	1.089779	2.128414	up	-0.485531	-0.537303	-0.613304	0.532653	0.615015	0.485531	ZNF217	zinc finger	FALSE	Homo sapi	7764	GO:000551	52185714	chr20	52185655	-	hs 20q13.2	NM_00652	chr20:5218	NM_00652	HS.155040
A_22_P00C	2.639663	1.400353	2.639663	up	-0.640219	-0.698993	-0.586735	0.63416	0.586735	1.05422	KTN1-AS1	KTN1 antis	FALSE	Homo sapi	1E+08		56046713	chr14	56046654	-	hs 14q22.3	NR_02712	chr14:5604	NR_02712	HS.633724
A_23_P153	2.544634	1.347458	2.544634	up	-0.680546	-0.670443	-0.51205	0.51205	1.125715	0.541572	INHBB	inhibin, bet	FALSE	Homo sapi	3625	GO:000551	1.21E+08	chr2	1.21E+08	+	hs 2q14.2	NM_00219	chr2:12110	NM_00219	HS.1735
A_24_P877	2.02138	1.710346	2.02138	up	-0.370822	-0.382887	-0.348103	0.79959	0.348103	0.796516	EEF2	eukaryotic	FALSE	Homo sapi	1938	GO:000551	3977256	chr19	3976730	-	hs 19p13.3	NM_00196	chr19:3977	NM_00196	HS.515070
A_33_P341	2.753031	1.461021	2.753031	up	-0.688887	-0.712599	-0.668805	0.928866	0.715101	0.668805			FALSE			34875886	chr15	34875827	-	hs 15q14		chr15:034875886-034875827			
A_21_P001	3.134686	1.648321	3.134686	up	-0.657931	-0.842097	-0.733279	0.801466	1.25226	0.657931			FALSE			24114297	chr1	24114238	-	hs 1p36.11		chr1:024114297-024114238			
A_22_P00C	2.043335	1.030926	2.043335	up	-0.665949	-0.424824	-0.574061	0.449382	0.424824	0.553737	IPO9-AS1	IPO9 antise	FALSE	Homo sapi	1.01E+08		2.02E+08	chr1	2.02E+08	-	hs 1q32.1	NR_04669	chr1:20179	NR_04669	HS.604842
A_23_P33C	2.379692	1.250775	2.379692	up	-0.410078	-0.359785	-0.615093	1.012181	0.359785	0.995404	PIP5K1C	phosphatid	FALSE	Homo sapi	23396	GO:000690	3630729	chr19	3630670	-	hs 19p13.3	NM_01239	chr19:3630	NM_01239	HS.282177
A_22_P00C	2.216883	1.148533	2.216883	up	-0.563791	-0.738172	-0.473636	0.586253	0.610111	0.473636	Inc-ENPP1-	Inc-ENPP1-	FALSE	LNCipedia	lincRNA (Inc-ENPP1-2), l	1.32E+08	chr6	1.32E+08	+	hs 6q23.2		chr6:132272275-132272334			
A_33_P334	5.512505	2.462708	5.512505	up	-1.351363	-1.425919	-0.830733	1.317648	0.830733	1.631728	VSX1	visual syste	FALSE	Homo sapi	30813	GO:004356	25062369	chr20	25062310	-	hs 20p11.2	NM_19942	chr20:2506	NM_19942	HS.274264
A_33_P324	2.240053	1.163533	2.240053	up	-0.833073	-0.393914	-0.812784	0.567543	0.393914	0.489371			FALSE			1.02E+08	chr14	1.02E+08	+	hs 14q32.31		chr14:102231782-102231841			
A_22_P00C	5.345951	2.418447	5.345951	up	-1.056431	-1.482488	-1.012918	1.32291	1.012918	1.367675	Inc-UTS2-1	Inc-UTS2-1	FALSE	603205994F1	NIH_MGC_97 Homo	7887223	chr1	7887164	-	hs 1p36.23	BI464920	chr1:7887223-7887164	HS.680218		
A_33_P37C	4.580123	2.195386	4.580123	up	-0.993764	-1.256975	-0.845793	1.251737	0.845793	1.392098			FALSE								hs 7p22.1	NM_00120	chr7:51127	NM_00120	HS.396178
A_33_P323	3.272393	1.710346	3.272393	up	-0.911628	-0.782336	-0.874122	0.916278	0.782336	0.864338	RBAK-RBAK	RBAK-RBAK	FALSE	Homo sapi	1.01E+08		5112853	chr7	5112794	+	hs 17p13.1	NM_19815	chr17:7259	NM_19815	HS.259432
A_24_P307	3.602418	1.848965	3.602418	up	-1.065397	-0.886352	-0.759272	1.13675	0.759272	0.939853	TMEM95	transmemt	FALSE	Homo sapi	339168	GO:001602	7259776	chr17	7259717	+	hs 18q11.2	NM_00124	chr18:2159	NM_00124	HS.128576
A_23_P308	2.049801	1.035484	2.049801	up	-0.503886	-0.410773	-0.586424	0.410773	0.632458	0.562139	TTC39C	tetratricop	FALSE	Homo sapi	125488		21600037	chr18	21599978	+	hs 17q11.2	NM_00104	chr17:2970	NM_00104	HS.113577
A_24_P917	2.049301	1.035132	2.049301	up	-0.785188	-0.725425	-0.348879	0.445367	0.348879	0.451658	NF1	neurofibroi	FALSE	Homo sapi	4763	GO:000165	29704619	chr17	29704560	+	hs 19q13.2	NM_00125	chr19:4247	NM_00125	HS.515427
A_33_P328	2.211612	1.145098	2.211612	up	-0.434556	-0.73024	-0.589769	0.727422	0.434556	0.518751	ATP1A3	ATPase, Na	FALSE	Homo sapi	478	GO:000834	42470805	chr19	42470746	-	hs 1q24.2	NM_00193	chr1:16866	NM_00193	HS.80552
A_23_P20C	4.239002	2.083725	4.239002	up	-0.950162	-1.037112	-1.117731	0.950162	1.153562	1.042444	DPT	dermatopo	FALSE	Homo sapi	1805	GO:003101	1.69E+08	chr1	1.69E+08	-	hs 2q14.2	NM_18291	chr2:12002	NM_18291	HS.647822
A_23_P906	2.271228	1.183473	2.271228	up	-0.607366	-0.536097	-0.535245	0.648927	0.535245	0.687538	STEAP3	STEAP fami	FALSE	Homo sapi	55240	GO:000551	1.2E+08	chr2	1.2E+08	+	hs 16p13.11		chr16:16025979-16		

A_33_P355	2.199321	1.137058	2.199321	up	-0.617655	-0.489942	-0.699825	0.566497	0.547313	0.489942	OR7E12P	olfactory re	FALSE	Homo sapi	10821	3412514	chr11	3412455	-	hs 11p15.4	NR_044993	chr11:3412	NR_044993	Hs.741779	
A_33_P331	2.104097	1.073201	2.104097	up	-0.253326	-0.926314	-0.640556	0.423175	0.722905	0.253326	Inc-CDH4-1	Inc-CDH4-1	FALSE	LNCipedia	lincRNA (Inc-CDH4-1), li	60523586	chr20	60523527	+	hs 20q13.33		chr20:60523527	-60523586		
A_23_P972	2.666111	1.414737	2.666111	up	-0.589584	-0.533952	-1.006418	0.777815	0.533952	0.80249	ZNFG91	zinc finger	FALSE	Homo sapi	51058	GO:000563	43317858	chr1	43317799	+	hs 1p34.2	NM_01591	chr1:43317	NM_01591	Hs.20879
A_33_P331	3.402	1.766383	3.402	up	-0.758468	-0.933643	-0.98635	0.967982	0.758468	0.894238	CALY	calcyon nei	FALSE	Homo sapi	50632	GO:004580	1.35E+08	chr10	1.35E+08	-	hs 10q26.3	NM_01572	chr10:1351	NM_01572	Hs.148680
A_22_P00C	2.802667	1.4868	2.802667	up	-0.651276	-0.79151	-0.706083	0.819352	0.651277	0.840903	Inc-MEPCE	Inc-MEPCE	FALSE	LNCipedia	lincRNA (Inc-MEPCE-1),	1E+08	chr7	1E+08	+	hs 7q22.1		chr7:100034074	-100034133		
A_23_P872	3.808014	1.929039	3.808014	up	-1.015973	-0.76052	-1.616875	0.807878	0.82535	0.76052	SAA4	serum amy	FALSE	Homo sapi	6291	GO:003436	18254043	chr11	18253984	-	hs 11p15.1	NM_00651	chr11:1825	NM_00651	Hs.1955
A_24_P791	2.149248	1.103832	2.149248	up	-0.253246	-0.883131	-0.264021	0.941331	0.253246	0.716521	SCAMP4	secretory c	FALSE	Homo sapi	113178	GO:001602	1925606	chr19	1925547	+	hs 19p13.3	NM_07983	chr19:1925	NM_07983	Hs.144980
A_33_P321	3.167201	1.663208	3.167201	up	-0.832346	-0.806407	-0.88369	0.806407	0.83014	0.830637			FALSE			26363183	chr2	26363124	+	hs 2p23.3		chr2:026363183	-026363124		
A_22_P00C	2.004275	1.00308	2.004275	up	-0.36417	-0.37577	-0.644209	0.455497	0.805424	0.36417	LOC100288	uncharacte	FALSE	Homo sapi	1E+08		46965148	chr12	46965089	+	hs 12q13.11		chr12:4696	NR_12537	Hs.729166
A_24_P218	5.427316	2.440239	5.427316	up	-0.792821	-1.751459	-1.642241	1.165596	0.792822	1.175777	ZNFG47	zinc finger	FALSE	Homo sapi	168544	GO:000635	1.49E+08	chr7	1.49E+08	-	hs 7q36.1	NM_20733	chr7:14946	NM_20733	Hs.726477
A_33_P332	6.143082	2.601893	6.143082	up	-1.315944	-1.275937	-1.276475	1.306177	1.275937	1.406417			FALSE	eukaryotic	translation elongation f	97644732	chrX	97644673	+	hs Xq21.33		chrX:97644673	-97644732		
A_32_P167	3.279324	1.713398	3.279324	up	-0.809343	-0.80702	-0.808811	0.80702	1.089081	0.81892	CLMN	calmin (cal	FALSE	Homo sapi	79789	GO:000573	95648676	chr14	95648617	-	hs 14q32.1	NM_02473	chr14:9564	NM_02473	Hs.301478
A_23_P423	2.435984	1.284505	2.435984	up	-0.70476	-0.756457	-0.499089	0.663737	0.499089	0.730382	HLA-DMA	major histc	FALSE	Homo sapi	3108	GO:004883	32916625	chr6	32916566	-	hs 6p21.32	NM_00612	chr6:32916	NM_00612	Hs.728759
A_23_P397	2.126645	1.088579	2.126645	up	-0.43275	-0.414706	-0.341417	0.903142	0.341417	0.832306	GSTM2	glutathione	FALSE	Homo sapi	2946	GO:000680	1.1E+08	chr1	1.1E+08	+	hs 1p13.3	NM_00084	chr1:11021	NM_00084	Hs.279837
A_33_P328	3.344658	1.741859	3.344658	up	-0.689508	-0.821355	-0.769873	1.104072	0.689508	1.15126			FALSE			67343662	chr9	67343603	+	hs 9q13		chr9:067343662	-067343603		
A_22_P00C	2.581417	1.368163	2.581417	up	-0.696186	-0.643022	-0.740783	0.696322	0.643022	0.685154	DANCR	differential	FALSE	Homo sapi	57291		53579126	chrX	53579067	+	hs 4q12	NR_02403	chr4:53579	NR_02403	Hs.744077
A_24_P147	6.652098	2.73381	6.652098	up	-0.950109	-1.455211	-1.138328	1.847186	0.95011	1.860485	PCSK1N	proprotein	FALSE	Homo sapi	27344	GO:001095	48690521	chrX	48690462	-	hs Xp11.23	NM_01327	chrX:48690	NM_01327	Hs.522640
A_23_P143	3.198978	1.677611	3.198978	up	-0.716157	-0.817006	-0.80103	0.815968	1.166515	0.716157	ID2	inhibitor of	FALSE	Homo sapi	3398	GO:001615	8823030	chr2	8822642	+	hs 2p25.1	NM_00216	chr2:88226	NM_00216	Hs.180919
A_33_P334	7.119142	2.831703	7.119142	up	-1.273139	-1.593389	-1.580488	1.348636	1.273139	1.42632			FALSE	Homo sapiens	mRNA; cDNA DKFZ	21005279	chr15	21005220	+	hs 15q11.2	AL512723	chr15:21005220	-210052100	Hs.567600	
A_33_P321	2.139474	1.097256	2.139474	up	-0.4217	-0.347276	-0.54696	0.85931	0.347276	0.769247	COL16A1	collagen, ty	FALSE	Homo sapi	1307	GO:000551	32148595	chr1	32148536	+	hs 1p35.2	NM_00185	chr1:32148	NM_00185	Hs.368921
A_24_P29C	2.318828	1.213396	2.318828	up	-0.523689	-0.584757	-0.793569	0.653688	0.523689	0.560796	FAM86B3P	family with	FALSE	Homo sapi	286042		8094687	chr8	8093452	+	hs 8p23.1		chr8:80934	NR_02436	Hs.656318
A_23_P864	2.518776	1.332723	2.518776	up	-0.52452	-0.556525	-0.571519	0.52452	1.21199	0.609095	CH25H	cholesterol	FALSE	Homo sapi	9023	GO:000662	90965860	chr10	90965801	-	hs 10q23.3	NM_00395	chr10:9096	NM_00395	Hs.47357
A_23_P358	2.003907	1.002815	2.003907	up	-0.57679	-0.52692	-0.434721	0.513029	0.522266	0.434721	POPD3	popeye doi	FALSE	Homo sapi	64208	GO:000815	1.06E+08	chr6	1.06E+08	-	hs 6q21	NM_02236	chr6:10566	NM_02236	Hs.458336
A_23_P104	3.024267	1.596585	3.024267	up	-0.72867	-0.848524	-0.674884	0.857297	0.674884	1.005497	DUX4	double hon	FALSE	Homo sapi	1E+08	GO:003196	107030	chrUn_gliOC	106972	+		NM_00129	chrUn_gliOC	NM_00129	Hs.728749
A_32_P153	4.346498	2.119854	4.346498	up	-0.949158	-1.007454	-1.024279	1.222148	0.949158	1.207364	EEF1A1	eukaryotic	FALSE	Homo sapi	1915	GO:000551	74228739	chr6	74228680	-	hs 6q13	NM_00140	chr6:74228	NM_00140	Hs.535192
A_33_P32C	2.013287	1.009553	2.013287	up	-0.384988	-0.408485	-0.495291	0.668404	0.384988	0.686503	KANK1	KN motif ai	FALSE	Homo sapi	23189	GO:000551	745519	chr9	745460	+	hs 9p24.3	NM_00125	chr9:74546	NM_00125	Hs.306764
A_23_P106	2.034245	1.024493	2.034245	up	-0.727876	-0.655513	-0.395239	0.417518	0.395239	0.482096	CRISPLD2	cysteine-ric	FALSE	Homo sapi	83716	GO:003101	84942197	chr16	84942138	+	hs 16q24.1	NM_03147	chr16:8494	NM_03147	Hs.513779
A_33_P341	2.179644	1.124093	2.179644	up	-0.723065	-0.731751	-0.428856	0.428856	0.49222	0.567531			FALSE			1.49E+08	chr1	1.49E+08	+	hs 1q21.2	AV727532	chr1:149400094	-149400094	Hs.576457	
A_24_P218	2.504531	1.324541	2.504531	up	-0.199917	-0.740685	-0.425069	1.233516	0.199917	1.174518	EIF4B	eukaryotic	FALSE	Homo sapi	1975	GO:000551	53435355	chr12	53435296	+	hs 12q13.1	NM_00141	chr12:5343	NM_00141	Hs.648394
A_33_P335	2.044303	1.031609	2.044303	up	-0.333376	-0.791911	-0.261419	0.622318	0.261419	0.824386	C9orf173	chromosom	FALSE	Homo sapi	441476		1.4E+08	chr9	1.4E+08	+	hs 9q34.3	NM_00125	chr9:14014	NM_00125	Hs.372640
A_22_P00C	3.005924	1.587609	3.005924	up	-0.772779	-0.709639	-0.815956	0.851574	0.709639	0.820388	Inc-OPN4-2	Inc-OPN4-2	FALSE	Homo sapiens	cDNA FLJ33309	fis, i	87407807	chr10	87407748	+	hs 10q23.1	AK090628	chr10:87407748	-87407748	Hs.568871
A_33_P325	2.608493	1.383217	2.608493	up	-1.234662	-0.372512	-0.529478	0.436709	1.203777	0.372512	FAM166A	family with	FALSE	Homo sapi	401565	GO:000563	1.4E+08	chr9	1.4E+08	-	hs 9q34.3	NM_00100	chr9:14013	NM_00100	Hs.522530
A_33_P341	3.302942	1.723752	3.302942	up	-0.682288	-0.867503	-0.700609	1.08937	0.682288	1.149198	NLR3	NLR family,	FALSE	Homo sapi	197358	GO:000367	3612970	chr16	3612911	-	hs 16p13.3	AK090476	chr16:3612970	-3612911	
A_33_P325	3.338496	1.739198	3.338496	up	-0.693586	-0.867578	-0.727039	1.112952	0.693585	1.122855	CEBPD	CCAAT/enf	FALSE	Homo sapi	1052	GO:000107	48649932	chr8	48649873	+	hs 18q11.21	NM_00519	chr8:48649	NM_00519	Hs.440829
A_22_P00C	2.590699	1.373341	2.590699	up	-0.41941	-0.592724	-0.586292	0.966584	0.41941	1.135604	Inc-DHX15-	Inc-DHX15-	FALSE	PREDICTED:	Homo sapiens unchar:	24473774	chr4	24473715	-	hs 4p15.2		chr4:24473774	-24473715	Hs.627177	
A_21_P00C	2.168341	1.116592	2.168341	up	-0.275358	-0.806778	-0.357438	0.739522	0.275358	0.89532	LINC01016	long interg	FALSE	Homo sapi	1.01E+08		33857474	chr6	33857415	-	hs 6p21.31	NR_038983	chr6:33857	NR_038983	Hs.547104
A_23_P428	2.00732	1.005271	2.00732	up	-0.484869	-0.639378	-0.441664	0.441664	0.554978	0.45326	STEAP2	STEAP fami	FALSE	Homo sapi	261729	GO:005285	89866596	chr7	89866537	+	hs 7q21.13	NM_15299	chr7:89866	NM_15299	Hs.489051
A_23_P161	2.65855	1.41064	2.65855	up	-0.617785	-0.701724	-0.500938	1.005341	0.500938	0.905193	FOSL1	FOS-like an	FALSE	Homo sapi	8061	GO:000551	65660157	chr11	65660098	-	hs 11q13.1	NM_00543	chr11:6566	NM_00543	Hs.283565
A_33_P326	3.884416	1.957698	3.884416	up	-1.014996	-0.830694	-0.861763	1.127393	0.830694	1.207553	GDNF	glial cell de	FALSE	Homo sapi	2668	GO:000165	37814012	chr5	37813953	-	hs 5p13.2	NM_00119	chr5:37814	NM_00119	Hs.248114
A_21_P001	6.293427	2.653846	6.293427	up	-1.420557	-1.197045	-1.254802	1.46905	1.197045	1.423038			FALSE												
A_33_P322	2.049309	1.035138	2.049309	up	-0.361964	-0.363995	-0.358483	0.814173	0.358483	0.848315	CST3	cystatin C	FALSE	Homo sapi	1471	GO:000551	23614617	chr20	23614558	-	hs 20p11.2	NM_00009	chr20:2361	NM_00009	Hs.304682
A_24_P578	5.625622	2.492013	5.625622	up	-0.865645	-1.388419	-1.08762	1.639004	0.865644	1.629705	BHLHE23	basic helix-	FALSE	Homo sapi	128408	GO:000635	61637561	chr20	61637502	-	hs 20q13.3	NM_08060	chr20:6163	NM_08060	Hs.551230
A_33_P37C	2.360861	1.239313	2.360861	up	-0.429872	-0.624224	-0.838582	0.429872	0.86397	0.531421	EPHA5-AS1	EPHA5 anti	FALSE	Homo sapi	1E+08		66559103	chr4	66559044	+	hs 4q13.1	NR_034133	chr4:66559	NR_034133	Hs.201854
A_24_P212	7.258136	2.95599	7.258136	up	-1.261567	-1.346404	-1.34405	1.779781	1.261566	1.58543			FALSE												

A_21_P001	2.383137	1.252862	2.383137	up	-0.835871	-0.904127	-0.360524	0.665079	0.632461	0.360524		FALSE				65193472	chr11	65193413 -	hs 11q13.1	chr11:065193472-065193413	
A_22_P00C	2.256654	1.174185	2.256654	up	-0.714247	-0.594605	-0.548251	0.565982	0.548251	0.551219	lnc-C1orf22	lnc-C1orf22	FALSE	LNCipedia lincRNA	(lnc-C1orf222-2	1980827	chr1	1980768 -	hs 1p36.33	chr1:1980827-1980768	
A_33_P347	3.502672	1.808456	3.502672	up	-0.753886	-0.908118	-0.86784	1.06644	0.753885	1.075198	SFTA1P	surfactant	FALSE	AGENCOUF	207107	10835938	chr10	10835879 -	hs 10p14	BU601128 chr10:10835938-10835	
A_23_P158	2.058352	1.04149	2.058352	up	-0.478619	-0.472034	-0.492708	0.609851	0.472034	0.599223	ALPK2	alpha-kina	FALSE	Homo sapi	115701	GO:000467	56148827	chr18	56148768 -	hs 18q21.3	NM_05294 chr18:5614
A_22_P00C	8.357558	3.063082	8.357558	up	-1.049901	-1.743586	-1.555296	1.90441	1.049901	1.886151	lnc-KIF25-2	lnc-KIF25-2	FALSE	LNCipedia lincRNA	(lnc-KIF25-2), li	1.69E+08	chr6	1.69E+08 +	hs 6q27	chr6:168631835-168631894	
A_32_P216	4.733219	2.242822	4.733219	up	-1.312182	-0.919547	-1.140271	1.28707	0.919547	1.149847	lnc-NAV1-3	lnc-NAV1-3	FALSE	DB229023	TRACH3	Homo sapiens	2.01E+08	chr1	2.01E+08 +	hs 1q32.1	DB229023 chr1:201474644-2014
A_22_P00C	2.64898	1.405437	2.64898	up	-0.604089	-0.942868	-0.722416	0.604089	0.652723	0.690125	lnc-TRIM41	lnc-TRIM41	FALSE	LNCipedia lincRNA	(lnc-TRIM41-3),	1.81E+08	chr5	1.81E+08 +	hs 5q35.3	chr5:180619080-180619139	
A_21_P00C	2.09768	1.068795	2.09768	up	-0.529378	-0.603087	-0.496471	0.496471	0.513984	0.567793	SNORD83B	small nucle	FALSE	Homo sapi	116938	39709883	chr22	39709824 -	hs 22q13.1	NR_000021 chr22:3970	
A_22_P00C	3.043635	1.605795	3.043635	up	-1.070825	-0.981055	-0.590895	0.925588	0.590895	0.658127	HIF1A-AS1	HIF1A antis	FALSE	Homo sapi	1.01E+08	62162484	chr14	62162425 -	hs 14q23.2	NR_047111 chr14:6216	
A_22_P00C	3.183024	1.670398	3.183024	up	-0.730536	-1.056401	-0.753132	0.875943	0.730536	0.864646	PSMG3-AS	PSMG3 ant	FALSE	Homo sapi	114796	1609915	chr7	1609856 +	hs 7p22.3	NR_021487 chr7:16098	
A_33_P338	3.850161	1.944919	3.850161	up	-0.696227	-0.898817	-1.107626	1.331945	0.696227	1.103913	TNXB	tenascin XE	FALSE	Homo sapi	7148	GO:003003	32009196	chr6	32009137 -	hs 6p21.3	NM_01910 chr6:32009
A_33_P341	2.279501	1.188718	2.279501	up	-0.626458	-0.551992	-0.407793	0.616504	0.407793	0.955614	PDE9A	phosphodi	FALSE	Homo sapi	5152	GO:000551	44190178	chr21	44190119 +	hs 21q22.3	AK074662 chr21:44190119
A_23_P60E	2.287939	1.194048	2.287939	up	-0.712072	-0.681397	-0.525131	0.612358	0.525131	0.526056	RPRD2	regulation	FALSE	Homo sapi	23248	GO:001659	1.5E+08	chr1	1.5E+08 +	hs 1q21.3	NM_01520 chr1:15044
A_21_P00C	4.019708	2.007091	4.019708	up	-0.824585	-1.428118	-1.144711	0.824585	0.920221	0.879053	SNORA63	small nucle	FALSE	Homo sapi	6043	1.87E+08	chr3	1.87E+08 +	hs 3q27.3	NR_002581 chr3:18650	
A_32_P64C	2.446115	1.290492	2.446115	up	-0.682893	-0.566726	-0.577194	0.566726	0.8135	0.664438	LOC40059C	uncharacte	FALSE	Homo sapi	400590	29361620	chr17	29361561 +	hs 17q11.2	BC062632 chr17:29361561	
A_33_P342	2.279422	1.188668	2.279422	up	-0.757602	-0.60671	-0.444934	0.580509	0.449334	0.722516	HYAL4	hyaluronog	FALSE	Homo sapi	23553	GO:003020	1.23E+08	chr7	1.23E+08 +	hs 7q31.32	NM_01226 chr7:12348
A_23_P565	3.269327	1.708994	3.269327	up	-0.768752	-0.890836	-0.893136	0.768751	1.000478	0.805029	VIT	vitrin	FALSE	Homo sapi	5212	GO:003019	37041825	chr2	37041766 +	hs 2p22.2	NM_05327 chr2:37041
A_22_P00C	2.046307	1.033022	2.046307	up	-0.599421	-0.525624	-0.349733	0.551111	0.349733	0.723444	lnc-SERHL2	lnc-SERHL2	FALSE	LNCipedia lincRNA	(lnc-SERHL2-3),	43116813	chr22	43116754 +	hs 22q13.2	chr22:43116754-43116813	
A_23_P121	2.811911	1.491551	2.811911	up	-0.643446	-0.643492	-0.409539	1.22582	0.409539	1.142815	SNCB	synuclein, l	FALSE	Homo sapi	6620	GO:000485	1.76E+08	chr5	1.76E+08 -	hs 5q35.2	NM_00100 chr5:17604
A_24_P347	2.038596	1.027576	2.038596	up	-0.68143	-0.678189	-0.347258	0.434097	0.347258	0.594496	CTCF	CCCTC-binc	FALSE	Homo sapi	10664	GO:000551	67672173	chr16	67672114 +	hs 16q22.1	NM_00656 chr16:6767
A_33_P34C	2.335996	1.224038	2.335996	up	-0.639324	-0.606496	-0.486448	0.486448	0.925803	0.527593	RMRP	RNA compo	FALSE	Homo sapi	6023	35657998	chr9	35657939 -	hs 9p13.3	NR_00305 chr9:35657	
A_33_P333	2.284824	1.192083	2.284824	up	-0.400701	-0.544328	-0.342762	0.890681	0.342762	1.055015	GPSM1	G-protein s	FALSE	Homo sapi	26086	GO:005079	1.39E+08	chr9	1.39E+08 +	hs 9q34.3	NM_00114 chr9:13925
A_22_P00C	2.091573	1.064588	2.091573	up	-0.424821	-0.641588	-0.617454	0.474683	0.424821	0.610399	LOC102725	uncharacte	FALSE	PREDICTED	1.03E+08	31508240	chr15	31508181 +	hs 15q13.3	chr15:3150	
A_33_P327	2.85946	1.515743	2.85946	up	-0.620669	-0.594216	-0.490402	1.171389	0.490402	1.180151	FKBP8	FK506 bind	FALSE	Homo sapi	23770	GO:000041	18642801	chr19	18642742 -	hs 19p13.1	NM_01218 chr19:1864
A_23_P354	2.48615	1.313913	2.48615	up	-0.70706	-0.569536	-0.606871	0.723988	0.569536	0.76475	PCDHGA8	protocadhe	FALSE	Homo sapi	9708	GO:000588	1.41E+08	chr5	1.41E+08 +	hs 5q31.3	NM_03208 chr5:14089
A_23_P136	4.464853	2.158613	4.464853	up	-0.863403	-0.945353	-0.930394	1.435774	0.863402	1.437512	APOD	apolipoppro	FALSE	Homo sapi	347	GO:000662	1.95E+08	chr3	1.95E+08 -	hs 3q29	NM_00164 chr3:19530
A_33_P339	4.169591	2.059906	4.169591	up	-0.942294	-1.076949	-0.91219	1.103125	0.91219	1.232968			FALSE	Homo sapiens	cDNA FLJ27292	fis, i	2.01E+08	chr1	2.01E+08 -	hs 1q32.1	AK130802 chr1:201474852
A_33_P33C	6.143344	2.619024	6.143344	up	-1.165943	-1.229386	-1.149008	1.545909	1.149008	1.617821	RNF32	ring finger	FALSE	Homo sapi	140545	GO:000551	1.56E+08	chr7	1.56E+08 +	hs 7q36.3	NM_00118 chr7:15643
A_23_P208	2.106432	1.074801	2.106432	up	-0.390689	-0.308743	-0.508683	0.811137	0.308743	0.896409	SPTAN1	spectrin, al	FALSE	Homo sapi	6709	GO:000551	1.31E+08	chr9	1.31E+08 +	hs 9q34.11	NM_00312 chr9:13139
A_22_P00C	4.045002	2.016141	4.045002	up	-0.752644	-0.892083	-0.737398	1.428103	0.737398	1.500795	LOC100287	uncharacte	FALSE	Homo sapi	1E+08	1.46E+08	chr8	1.46E+08 +	hs 8q24.3	NR_109771 chr8:14566	
A_22_P00C	5.989906	2.852533	5.989906	up	-1.291651	-1.622014	-1.006428	1.308605	1.006428	1.512476	lnc-SNX17-	lnc-SNX17-	FALSE	ALU1_HUMAN	(P39188)	Alu subfa	27580159	chr2	27580100 +	hs 2p23.3	chr2:27580100-27580159
A_22_P00C	5.069405	2.341816	5.069405	up	-1.254126	-1.166616	-0.920472	1.346407	0.920472	1.417812			FALSE	PREDICTED:	Homo sapiens	unchar:	52242299	chr12	52242240 +	hs 12q13.1	XM_00112 chr12:52242240
A_22_P00C	3.308986	1.176289	3.308986	up	-0.788914	-0.884792	-0.688609	1.023697	0.688609	1.104547	VASH1	vasohibin 1	FALSE	Homo sapi	22846	GO:001059	72748152	chr14	77248093 +	hs 14q24.3	NM_01490 chr14:17724
A_24_P304	2.152604	1.060833	2.152604	up	-0.482718	-0.618934	-0.567788	0.487822	0.67827	0.482718	AMPD3	adenosine	FALSE	Homo sapi	272	GO:009700	10528622	chr11	10528563 +	hs 11p15.4	NM_00102 chr11:1052
A_24_P353	2.052259	1.037213	2.052259	up	-0.530275	-0.437742	-0.58257	0.581344	0.437742	0.541968	GALNT2	polypeptidi	FALSE	Homo sapi	2590	GO:004847	2.3E+08	chr1	2.3E+08 +	hs 1q42.13	NM_00448 chr1:23041
A_24_P763	2.916853	1.544413	2.916853	up	-0.744253	-0.740021	-0.727844	0.826687	0.727845	0.866589	EEF1A1	eukaryotic	FALSE	Homo sapi	1915	GO:000551	74227853	chr6	74227794 -	hs 6q13	NM_00140 chr6:74227
A_23_P273	4.485562	2.165289	4.485562	up	-0.944986	-1.146774	-0.98732	1.104528	1.367272	0.944986	COLEC12	collectin su	FALSE	Homo sapi	81035	GO:000558	319757	chr18	319698 -	hs 18p11.3	NM_13038 chr18:3197
A_33_P326	2.266331	1.180359	2.266331	up	-0.442032	-0.646184	-0.741801	0.627317	0.442032	0.64171	LIMS3L	LIM and se	FALSE	Homo sapi	1E+08	GO:000827	1.11E+08	chr2	1.11E+08 +	hs 2q13	NM_001232 chr2:11065
A_33_P332	4.674129	2.224697	4.674129	up	-0.930397	-1.114726	-1.016489	1.327661	0.930397	1.354424	CELSR1	cadherin, E	FALSE	Homo sapi	9620	GO:000173	46760146	chr22	46760087 -	hs 22q13.3	NM_01424 chr22:4676
A_33_P335	2.576544	1.365437	2.576544	up	-0.594236	-0.707488	-0.886746	0.707212	0.594236	0.606394	DUSP8	dual specifi	FALSE	Homo sapi	1850	GO:000018	1575341	chr11	1575282 -	hs 11p15.5	NM_00442 chr11:1575
A_22_P00C	2.619622	1.389359	2.619622	up	-1.345436	-0.488982	-0.696474	0.448982	0.633641	0.546561	lnc-CENPV-	lnc-CENPV-	FALSE	Q7ZU62_BRARE	(Q7ZU62)	Zgc:661	16285964	chr17	16285905 +	hs 17p11.2	chr17:16285964-16285905
A_22_P00C	4.249193	2.087189	4.249193	up	-1.067085	-0.948292	-0.898126	1.201805	0.898126	1.248134	LOC101927	uncharacte	FALSE	PREDICTED	1.02E+08	1.14E+08	chr5	1.14E+08 -	hs 5q22.3	XR_251845 chr5:11383	
A_33_P337	2.740208	1.454285	2.740208	up	-0.783903	-0.747335	-0.671924	0.684064	0.803706	0.671924			FALSE	Homo sapi	1E+08	GO:000827	1.11E+08	chr2	1.11E+08 +	hs 7q22.1	chr7:102989031-102989090
A_19_P003	4.792755	2.260855	4.792755	up	-1.46103	-1.373752	-0.529637	0.892578	0.529637	1.99593	LOC100294	uncharacte	FALSE	Homo sapi	1E+08	32862391	chr6	32862332 +	hs 6p21.32	NR_037171 chr6:32862	
A_23_P217	2.117359	1.082266	2.117359	up	-0.418491	-0.973685	-0.547006	0.418491	0.453247	0.435879	ALAD	aminolevul	FALSE	Homo sapi	210	GO:003279	1.16E+08	chr9	1.16E+08 -	hs 9q32	NM_00003 chr9:11614
A_21_P001	2.472829	1.306162	2.472829	up	-0.796379	-0.76597	-0.163445	0.845906	0.163445	1.183341	MSH6	mutS homc	FALSE	Homo sapi	2956	GO:000551	47935442	chr2	47935383 +	hs 2p16.3	chr2:47935383-47935442
A_21_P00C	3.679402	1.879471	3.679402	up	-0.880118	-0.925007	-0.878853	0.878853	1.092828	0.982754	SNORD87	small nucle	FALSE	Homo sapi	641648	67834768	chr8	67834709 -	hs 8q13.1	NR_002591 chr8:67834	
A_23_P166	12.06832	3.593154	12.06832	up	-1.881113	-1.687516	-2.019929	1.723881	1.687516	1.779506	ORM1	orosomucc	FALSE	Homo sapi	5004	GO:000551	1.17E+08	chr9	1.17E+08 +	hs 9q32	NM_00060 chr9:1170

A_33_P339	2.325124	1.217307	2.325124	up	-0.723073	-0.605622	-0.48445	0.641388	0.48445	0.71294	LINC00963	long interg	FALSE	Homo sapi	1.01E+08	1.32E+08	chr9	1.32E+08	+	hs 9q34.11 NR_038951 chr9:13226 NR_038951	Hs.529860	
A_33_P345	5.351288	2.419886	5.351288	up	-1.403081	-1.044483	-1.225753	1.237767	1.044483	1.304092			FALSE	PREDICTED: Homo sapiens	glutenin, high molecular weight subunit DX5-like (LOC100996433)	XM_006710179		XM_00671	Hs.701992			
A_33_P325	3.161194	1.66047	3.161194	up	-0.739105	-0.639476	-0.899759	0.937749	0.639476	1.125845			FALSE			47093168	chr7	47093109	+	hs 7p12.3 chr7:47093109-47093168		
A_33_P321	8.020324	3.00366	8.020324	up	-1.453301	-1.693292	-1.267147	1.561528	1.267146	1.768567	PPA2	pyrophospl	FALSE	pyrophospl	27068	GO:001046	1.06E+08	chr4	1.06E+08	-	hs 4q24 AK299501 chr4:106394684-10631	Hs.654957
A_33_P342	2.256037	1.173791	2.256037	up	-0.345831	-0.576608	-0.500892	0.813457	0.345831	0.938754	KIRREL2	kin of IRRE	FALSE	Homo sapi	84063	GO:001633	36357394	chr19	36357335	+	hs 19q13.1 NM_19918 chr19:36357394	Hs.515429
A_23_P662	2.367553	1.243397	2.367553	up	-0.546699	-0.573754	-0.594321	0.617503	0.851428	0.546699	MT1M	metallothi	FALSE	Homo sapi	4499	GO:007129	56667869	chr16	56667810	+	hs 16q12.2 NM_17687 chr16:5666 NM_17687	Hs.647370
A_22_P00C	2.519606	1.333198	2.519606	up	-1.144382	-0.469606	-0.712361	0.469606	0.578992	0.624648			FALSE	BX100836 Soares	NFL_T_GBC_S1	1.74E+08	chr5	1.74E+08	+	hs 5q35.2 chr5:174253130-17421	Hs.738217	
A_23_P164	3.000458	1.585183	3.000458	up	-0.825256	-0.928968	-0.587558	0.81948	0.587558	1.006729	LRP3	low density	FALSE	Homo sapi	4037	GO:000590	33698395	chr19	33698336	+	hs 19q13.1 NM_00233 chr19:33698395	Hs.515340
A_23_P787	2.398316	1.262022	2.398316	up	-0.437712	-0.632554	-0.593091	0.875688	0.437712	0.809307	MYH14	myosin, he	FALSE	Homo sapi	79784	GO:000551	50813376	chr19	50813317	+	hs 19q13.3 NM_00107 chr19:5081 NM_00107	Hs.467142
A_22_P00C	2.415545	1.272348	2.415545	up	-0.739885	-0.618942	-0.587734	0.587734	0.665118	0.617632	Inc-IDH2-1	Inc-IDH2-1:	FALSE	Homo sapiens	cDNA FLJ31419 fis, i	90618141	chr15	90618082	-	hs 15q26.1 AK055981 chr15:90618141-90618	Hs.655249	
A_22_P00C	2.146402	1.10192	2.146402	up	-0.798151	-0.596335	-0.301618	0.66657	0.301618	0.641468	MF12-AS1	MF12 antis	FALSE	Homo sapi	1.01E+08		1.97E+08	chr3	1.97E+08	+	hs 3q29 NR_038281 chr3:19673 NR_038281	Hs.666451
A_24_P46C	2.558567	1.355336	2.558567	up	-0.605338	-0.684973	-0.61122	0.631408	0.927729	0.605338	SLC6A6	solute carri	FALSE	Homo sapi	6533	GO:000652	14530505	chr3	14530446	+	hs 3p25.1 NM_00304 chr3:14530 NM_00304	Hs.529488
A_33_P324	11.03699	3.464275	11.03699	up	-1.66486	-1.657941	-1.703043	1.70942	1.99962	1.657941	KCTD12	potassium	FALSE	Homo sapi	115207	GO:004323	77454410	chr13	77454351	-	hs 13q22.3 NM_13844 chr13:7745 NM_13844	Hs.644125
A_22_P00C	2.233899	1.159564	2.233899	up	-0.832989	-0.888189	-0.067711	0.440198	0.067711	1.181894	Inc-CCDC11	Inc-CCDC1:	FALSE	LNCipedia	lincRNA (Inc-CCDC113-1)	58231092	chr16	58231033	+	hs 16q21.1 chr16:58231033-58231092		
A_33_P326	2.265366	1.070745	2.265366	up	-0.724014	-0.940485	-0.728856	0.741746	1.262621	0.724014	SBSN	suprabasin	FALSE	Homo sapi	374897	GO:000815	36014331	chr19	36014272	-	hs 19q13.1 NM_00116 chr19:3601 NM_00116	Hs.433484
A_23_P215	3.944193	1.97973	3.944193	up	-0.813461	-0.775651	-0.988156	1.216897	0.775651	1.369376	CLU	clusterin	FALSE	Homo sapi	1191	GO:190022	27457462	chr8	27457403	-	hs 8p21.1 NM_00183 chr8:27457 NM_00183	Hs.436657
A_24_P378	4.190848	2.067242	4.190848	up	-0.950659	-1.066217	-0.85447	1.185666	0.85447	1.290244	GPR150	G protein-c	FALSE	Homo sapi	285601	GO:000718	94957261	chr5	94957202	+	hs 5q15 NM_19924 chr5:94957 NM_19924	Hs.143315
A_33_P333	2.369159	1.244375	2.369159	up	-0.5451	-0.590947	-0.570232	0.724113	0.5451	0.757633	DIABLO	diablo, IAP	FALSE	Homo sapi	56616	GO:000551	1.23E+08	chr12	1.23E+08	-	hs 12q24.3 NM_00127 chr12:1227 NM_00127	Hs.169611
A_23_P963	3.338642	1.739261	3.338642	up	-0.830444	-0.915338	-0.83424	0.830443	0.943724	0.863595	SRPX	sushi-repe	FALSE	Homo sapi	8406	GO:003497	38008772	chrX	38008713	-	hs Xp11.4 NM_00630 chrX:38008 NM_00630	Hs.151514
A_33_P337	2.12978	1.090704	2.12978	up	-0.634454	-0.320844	-0.695895	0.689679	0.320844	0.610398	HNRNPPLL	heterogene	FALSE	Homo sapi	92906	GO:000639	38809115	chr2	38809056	-	hs 2p22.1 NM_13839 chr2:38809 NM_13839	Hs.445497
A_22_P00C	6.028637	2.591833	6.028637	up	-0.907938	-1.348572	-1.542879	1.544794	0.907938	1.523376	FAM229A	family with	FALSE	Homo sapi	1E+08		32827390	chr1	32827331	-	hs 1p35.1 NM_00116 chr1:32827 NM_00116	Hs.660539
A_33_P321	3.550687	1.828098	3.550687	up	-0.763278	-1.076971	-0.86223	0.913453	0.763278	1.105084	HMG2	high mobili	FALSE	Homo sapi	8091	GO:000551	66219160	chr12	66219101	+	hs 12q14.3 NM_00130 chr12:6621 NM_00130	Hs.505924
A_23_P137	2.377444	1.249412	2.377444	up	-0.31895	-0.5458	-0.596328	0.64236	0.31895	1.025847	NYX	nyctalopin	FALSE	Homo sapi	60506	GO:000562	41334629	chrX	41334570	+	hs Xp11.4 NM_02256 chrX:41334 NM_02256	Hs.302019
A_24_P147	6.522079	2.705332	6.522079	up	-1.051848	-1.577999	-1.293671	1.604248	1.051848	1.536382	PRR36	proline rich	FALSE	Homo sapi	80164		7934686	chr19	7934627	-	hs 19p13.2 NM_00119 chr19:7934 NM_00119	Hs.288540
A_24_P539	3.913522	1.968468	3.913522	up	-1.088201	-1.153305	-0.907413	0.907413	0.92948	0.919591	GLUL	glutamate-	FALSE	Homo sapi	2752	GO:000828	1.82E+08	chr1	1.82E+08	-	hs 1q25.3 NM_00206 chr1:18235 NM_00206	Hs.518525
A_24_P196	2.253027	1.171865	2.253027	up	-0.276232	-0.277406	-0.301898	1.202592	0.276232	1.181235	TLN1	talin 1	FALSE	Homo sapi	7094	GO:000551	35697825	chr9	35697766	-	hs 9p13.3 NM_00628 chr9:35697 NM_00628	Hs.471014
A_22_P00C	3.148833	1.654817	3.148833	up	-0.752338	-0.821084	-0.915252	0.832201	0.89124	0.752338	Inc-SLC7A5	Inc-SLC7A5	FALSE	LNCipedia	lincRNA (Inc-SLC7A5-1),	87926605	chr16	87926546	-	hs 16q24.2 chr16:87926605-87926546		
A_33_P333	3.007793	1.588706	3.007793	up	-1.115146	-0.907895	-0.509647	0.814135	0.509647	1.096346	LOC1001025	uncharacte	FALSE	Homo sapi	1E+08		1.13E+08	chr1	1.13E+08	+	hs 1p31.2 AK092791 chr1:112939189-11292	Hs.744100
A_21_P00C	4.631744	2.211556	4.631744	up	-0.902157	-0.804162	-0.879768	1.489778	0.804162	1.754664	Inc-EPHA6-	Inc-EPHA6-	FALSE	LNCipedia	lincRNA (Inc-EPHA6-1),	96336969	chr3	96336910	+	hs 3q11.2 chr3:96336910-96336969		
A_23_P106	10.26382	3.359496	10.26382	up	-1.811148	-1.531784	-1.74912	1.531784	1.728224	1.681829	AQP9	aquaporin	FALSE	Homo sapi	366	GO:000588	58477943	chr15	58477884	+	hs 15q21.3 NM_02098 chr15:5847 NM_02098	Hs.104624
A_23_P601	2.934128	1.552932	2.934128	up	-0.958952	-0.727044	-0.703119	0.766035	0.800257	0.703119	DEPTOR	DEP domain	FALSE	Homo sapi	64798	GO:000513	1.21E+08	chr8	1.21E+08	+	hs 8q24.12 NM_00278 chr8:12106 NM_00278	Hs.112981
A_23_P941	3.222228	1.688059	3.222228	up	-0.783174	-0.774615	-0.976154	0.822591	0.933027	0.774615	ACO1	aconitase 1	FALSE	Homo sapi	48	GO:000551	32450604	chr9	32450545	+	hs 9p21.1 NM_00219 chr9:32450 NM_00219	Hs.567229
A_24_P357	2.124926	1.087413	2.124926	up	-0.455524	-0.455301	-0.574647	0.650129	0.671337	0.455301	RPL21	ribosomal	FALSE	Homo sapi	6144	GO:001046	27829389	chr13	27828370	+	hs 13q12.2 NM_00098 chr13:2782 NM_00098	Hs.381123
A_23_P34C	2.79776	1.848427	2.79776	up	-0.610418	-0.648382	-0.415122	1.172889	0.415122	1.190884	G6PD	glucose-6-ph	FALSE	Homo sapi	2539	GO:005066	1.54E+08	chrX	1.54E+08	+	hs Xq28 NM_00040 chrX:15376 NM_00040	Hs.461047
A_33_P327	4.384447	2.132395	4.384447	up	-1.134883	-1.067473	-0.755777	1.414147	0.755777	1.269126	TUSC1	tumor sup	FALSE	Homo sapi	286319		25677740	chr9	25677681	-	hs 9p21.2 NM_00100 chr9:25677 NM_00100	Hs.26268
A_23_P305	2.636342	1.398538	2.636342	up	-0.896067	-0.60633	-0.756198	0.60633	0.71214	0.618548	HIST2H2AA	histone clu	FALSE	Homo sapi	723790	GO:000815	1.5E+08	chr1	1.5E+08	+	hs 1q21.2 NM_00104 chr1:14982 NM_00104	Hs.745563
A_32_P133	2.683191	1.42395	2.683191	up	-0.635156	-0.721241	-0.76067	0.698433	0.821193	0.635156	TUSC1	tumor sup	FALSE	Homo sapi	286319		25677283	chr9	25677224	+	hs 9p21.2 NM_00100 chr9:25677 NM_00100	Hs.26268
A_21_P00C	2.622518	1.390953	2.622518	up	-0.633521	-0.637014	-0.368953	1.008234	0.368953	1.156184	Inc-ERICH1	Inc-ERICH1	FALSE	LNCipedia	lincRNA (Inc-ERICH1-5),	1376610	chr8	1376551	-	hs 8p23.3 chr8:1376610-1376551		
A_24_P675	2.04291	1.030625	2.04291	up	-0.518576	-0.458604	-0.373394	0.646781	0.373394	0.721128	VGLL3	vestigial-lik	FALSE	Homo sapi	389136	GO:000635	87017874	chr3	87017815	-	hs 3p12.1 NM_01620 chr3:87017 NM_01620	Hs.744116
A_21_P001	-4.39454	-2.135712	4.39454	down	0.868083	0.970074	0.916782	-1.356376	-0.868083	-1.42774	XLOC_I2	009328	FALSE	BROAD Institute	lincRNA (XLOC_I2	24663060	chr22	24663001	+	hs 22q11.23 chr22:24663001-24663060		
A_32_P132	-2.233822	-1.159514	2.233822	down	0.349404	0.471137	0.400708	-0.899587	-0.349404	-1.062340	GPR155	G protein-c	FALSE	Homo sapi	151556	GO:003555	1.75E+08	chr2	1.75E+08	-	hs 2q31.1 NM_00103 chr2:17529 NM_00103	Hs.516604
A_23_P429	-2.443131	-1.288731	2.443131	down	0.671666	0.419626	0.598248	-0.990047	-0.766982	-0.419626	NKD1	naked cutic	FALSE	Homo sapi	85407	GO:000175	50667944	chr16	50667885	+	hs 16q12.1 NM_03311 chr16:5066 NM_03311	Hs.187578
A_23_P983	-2.027239	-1.019516	2.027239	down	0.427534	0.488261	0.496918	-0.65363	-0.427534	-0.564672	BIRC3	baculoviral	FALSE	Homo sapi	330	GO:000551	1.02E+08	chr11	1.02E+08	+	hs 11q22.2 NM_00116 chr11:1022 NM_00116	Hs.127799
A_23_P125	-3.906282	-1.965796	3.906282	down	0.823878	0.943618	0.848021	-1.198993	-0.823878	-1.259	CNN1	calponin 1	FALSE	Homo sapi	1264	GO:000551	11661064	chr19	11661005	+	hs 19p13.2 NM_00129 chr19:1166 NM_00129	Hs.465929
A_32_P245	-2.04298	-1.030675	2.04298	down	0.407155	0.448796	0.437059	-0.761042	-0.407155	-0.630819	TMTC1	transmemt	FALSE	Homo sapi	83857	GO:000573	29653922	chr12	29653863	-	hs 12p11.2 NM_17586 chr12:2965 NM_17586	Hs.401954
A_21_P00C	-3.53324	-1.820992	3.53324	down	0.914153	0.973734</																

A_23_P133	-2.499471	-1.321623	2.499471	down	0.542808	0.547944	0.621946	-0.542808	-1.038331	-0.671033	SLC29A1	solute carri	FALSE	Homo sapi	2030	GO:001586	44201834	chr6	44201775	+	hs 6p21.1	NM_00107	chr6:44201	NM_00107	Hs.25450	
A_22_P00C	-2.015942	-1.011454	2.015942	down	0.410513	0.489972	0.437157	-0.560652	-0.410513	-0.725555	LOC101926	uncharacte	FALSE	PREDICTED	1.02E+08		42301075	chr17	42301019	+	hs 17q21.3	XR_243706	chr17:4230	XR_243706		
A_23_P14C	-2.034315	-1.024543	2.034315	down	0.439916	0.448675	0.445392	-0.59982	-0.439916	-0.699911	AMIGO2	adhesion r	FALSE	Homo sapi	347902	GO:000551	47470990	chr12	47470931	-	hs 12q13.1	NM_18184	chr12:4747	NM_18184	Hs.121520	
A_23_P32A	-2.328429	-2.129357	2.328429	down	0.587371	0.484201	0.537522	-0.679409	-0.484201	-0.885365	GPCR5B	G protein-c	FALSE	Homo sapi	51704	GO:000166	19870688	chr16	19870629	-	hs 16p12.3	NM_01623	chr16:1987	NM_01623	Hs.148685	
A_23_P12C	-2.004361	-1.003142	2.004361	down	0.482537	0.513717	0.521341	-0.521087	-0.482537	-0.488209	ACSS1	acyl-CoA sy	FALSE	Homo sapi	84532	GO:000551	24987088	chr20	24987029	-	hs 20p11.2	NM_03250	chr20:2498	NM_03250	Hs.529353	
A_23_P677	-3.072704	-1.619509	3.072704	down	0.714083	0.792402	0.80467	-0.954643	-0.714083	-0.878645	LMCD1	LIM and cy	FALSE	Homo sapi	29995	GO:003101	8609747	chr3	8609688	+	hs 3p26.1	NM_01458	chr3:86096	NM_01458	Hs.475353	
A_23_P988	-2.220399	-1.150819	2.220399	down	0.491862	0.509779	0.48606	-0.821931	-0.48606	-0.656764	CDK2	cyclin-depe	FALSE	Homo sapi	1017	GO:000551	56365848	chr12	56365789	+	hs 12q13.2	NM_00179	chr12:5636	NM_00179	Hs.19192	
A_24_P188	-2.214232	-1.146807	2.214232	down	0.663123	0.659424	0.455075	-0.631119	-0.455075	-0.576605	VP518	vacuolar pr	FALSE	Homo sapi	57617	GO:000551	41159545	chr15	41159886	+	hs 15q15.1	NM_02085	chr15:41159	NM_02085	Hs.23876	
A_23_P648	-3.562246	-1.832787	3.562246	down	0.990776	0.906654	0.768853	-0.768853	-1.204654	-0.858571	OAS1	2'-5'-oligoa	FALSE	Homo sapi	4938	GO:000372	1.13E+08	chr12	1.13E+08	+	hs 12q24.1	NM_00253	chr12:1133	NM_00253	Hs.524760	
A_23_P333	-2.119906	-1.084001	2.119906	down	0.437085	0.429392	0.417028	-0.7881	-0.417027	-0.76337	ADRA1B	adrenocepl	FALSE	Homo sapi	147	GO:000588	1.59E+08	chr5	1.59E+08	+	hs 5q33.3	NM_00067	chr5:15939	NM_00067	Hs.368632	
A_23_P153	-2.159399	-1.110663	2.159399	down	0.525812	0.566566	0.559744	-0.6058	-0.548156	-0.525812	ICAM1	intercellula	FALSE	Homo sapi	3383	GO:000551	10396358	chr19	10396298	+	hs 19p13.2	NM_00020	chr19:1039	NM_00020	Hs.643447	
A_23_P421	-2.017251	-1.01239	2.017251	down	0.831862	0.59069	0.331219	-0.331219	-0.591813	-0.360368	IGF2	insulin-like	FALSE	Homo sapi	3481	GO:000551	2154754	chr11	2154402	-	hs 11p15.5	NM_00061	chr11:2154	NM_00061	Hs.272259	
A_23_P345	-2.077026	-1.054519	2.077026	down	0.430393	0.602019	0.455891	-0.430393	-0.81362	-0.431243	ADPRHL2	ADP-ribosy	FALSE	Homo sapi	54936	GO:007145	36558869	chr1	36558810	+	hs 1p34.3	NM_01782	chr1:36558	NM_01782	Hs.18021	
A_33_P325	-2.270488	-1.183002	2.270488	down	0.432076	0.617423	0.531679	-0.746105	-0.432076	-0.789648			FALSE					1.39E+08	chr7	1.39E+08	+	hs 7q34		chr7:138734075	138734016	
A_23_P216	-2.828022	-1.499793	2.828022	down	0.83112	0.746094	0.634459	-0.634459	-0.735256	-0.899993	TRIM14	tripartite r	FALSE	Homo sapi	9830	GO:000562	1.01E+08	chr9	1.01E+08	+	hs 9q22.3	NM_01478	chr9:10084	NM_01478	Hs.575631	
A_23_P319	-2.071785	-1.050874	2.071785	down	0.449605	0.688607	0.513096	-0.459116	-0.592592	-0.449605	CHST7	carbohydr	FALSE	Homo sapi	56548	GO:000679	46457467	chrX	46457408	+	hs Xp11.2	NM_01988	chrX:46457	NM_01988	Hs.129955	
A_22_P00C	-2.005403	-1.003892	2.005403	down	0.351321	0.345528	0.536887	-0.486378	-0.946033	-0.345528	Inc-C16orf4	Inc-C16orf4	FALSE	LNCipedia	lincRNA	(Inc-C16orf4-5-1	15778167	chr16	15778108	+	hs 16p13.11		chr16:15778108	15778167		
A_23_P215	-2.18788	-1.129534	2.18788	down	0.480277	0.469847	0.514941	-0.702411	-0.469847	-0.751277	AHR	aryl hydroc	FALSE	Homo sapi	196	GO:000551	17385058	chr7	17384999	+	hs 7p21.1	NM_00162	chr7:17384	NM_00162	Hs.171189	
A_33_P337	-2.248071	-1.168687	2.248071	down	0.505378	0.611756	0.602954	-0.694371	-0.505378	-0.586226	DDX58	DEAD (Asp-	FALSE	Homo sapi	23586	GO:000551	32455457	chr9	32455398	-	hs 9p21.1	NM_01431	chr9:32455	NM_01431	Hs.190622	
A_21_P00C	-3.969361	-1.988907	3.969361	down	0.940253	0.892039	0.920399	-1.031181	-0.892039	-1.29081	SNORD114	small nucle	FALSE	Homo sapi	767599		1.01E+08	chr14	1.01E+08	+	hs 14q32.3	NR_00321	chr14:1014	NR_00321		
A_23_P377	-2.045564	-1.032499	2.045564	down	0.444354	0.408538	0.443038	-0.652267	-0.740761	-0.408538	CIRBP	cold induci	FALSE	Homo sapi	1153	GO:000551	1274066	chr19	1274007	+	hs 19p13.3	AK128423	chr19:1274007	127406	Hs.618145	
A_24_P81C	-2.777682	-1.473882	2.777682	down	0.618225	0.886009	0.864798	-0.618225	-0.760589	-0.673799	PPAPDC1A	phosphatid	FALSE	Homo sapi	196051	GO:000588	1.22E+08	chr10	1.22E+08	+	hs 10q26.1	NM_00103	chr10:1223	NM_00103	Hs.40479	
A_33_P337	-2.019978	-1.01434	2.019978	down	0.256423	0.291171	0.332773	-1.060964	-0.256423	-0.845264	NAA35	N(alpha)-a	FALSE	N(alpha)-a	60560	GO:000551	88601904	chr9	88601845	+	hs 9q21.3	AK056059	chr9:88601845	88601	Hs.436098	
A_23_P134	-4.112311	-2.039949	4.112311	down	0.85819	0.855855	0.925633	-1.314478	-0.855855	-1.309837	RNF122	ring finger	FALSE	Homo sapi	79845	GO:000579	33405363	chr8	33405304	+	hs 8p12	NM_02478	chr8:33405	NM_02478	Hs.151237	
A_24_P557	-3.132472	-1.647302	3.132472	down	0.818799	0.848617	0.806474	-0.806474	-0.83565	-0.825892	XAF1	XIAP associ	FALSE	Homo sapi	54739	GO:000573	6678878	chr17	6678819	+	hs 17p13.1	NM_01752	chr17:6678	NM_01752	Hs.441975	
A_33_P351	-2.582239	-1.368623	2.582239	down	0.693318	0.682818	0.649969	-0.714754	-0.649969	-0.71504	POSTN	periostin, c	FALSE	Homo sapi	10631	GO:003101	38137425	chr13	38137366	-	hs 13q13.3	NM_00647	chr13:3813	NM_00647	Hs.136348	
A_23_P152	-2.628813	-1.394411	2.628813	down	0.667257	0.647988	0.597107	-0.747965	-0.925809	-0.597108	IFI35	interferon-	FALSE	Homo sapi	3430	GO:000551	41165181	chr17	41165122	+	hs 17q21.3	NM_00553	chr17:4116	NM_00553	Hs.632258	
A_23_P318	-4.440068	-2.150582	4.440068	down	1.074486	1.134773	0.888252	-1.143204	-0.888252	-1.322781	RAB11FIP1	RAB11 fam	FALSE	Homo sapi	80223	GO:004505	37718295	chr8	37718236	-	hs 8p11.2	NM_00100	chr8:37718	NM_00100	Hs.191179	
A_23_P24C	-2.973574	-1.572198	2.973574	down	0.695287	0.728539	0.731995	-0.921497	-0.695288	-0.943988	IFIT2	interferon-	FALSE	Homo sapi	3433	GO:003209	91068456	chr10	91068397	+	hs 10q23.3	NM_00154	chr10:9106	NM_00154	Hs.437609	
A_24_P236	-2.236621	-1.161321	2.236621	down	0.671432	0.479481	0.569099	-0.513866	-0.770783	-0.479481	ENO2	enolase 2 (	FALSE	Homo sapi	2026	GO:000028	7032541	chr12	7032482	+	hs 12p13.3	NM_00197	chr12:7032	NM_00197	Hs.511915	
A_23_P41C	-2.016999	-1.01221	2.016999	down	0.488729	0.432379	0.550602	-0.608964	-0.432379	-0.523579	ZSWIM6	zinc finger,	FALSE	Homo sapi	57688	GO:000481	60841267	chr5	60841208	+	hs 5q12.1	NM_02092	chr5:60841	NM_02092	Hs.744939	
A_32_P616	-3.323651	-1.732769	3.323651	down	0.890017	1.060283	0.728899	-0.825351	-0.964859	-0.728899	PAG1	phosphopr	FALSE	Homo sapi	55824	GO:000551	81880292	chr8	81880233	-	hs 8q21.1	NM_01844	chr8:81880	NM_01844	Hs.266175	
A_23_P145	-2.465311	-1.30177	2.465311	down	0.630517	0.660298	0.636802	-0.663499	-0.630517	-0.683676	PLEKHG5	pleckstrin l	FALSE	Homo sapi	57449	GO:005105	6527281	chr1	6527222	-	hs 1p36.3	NM_19868	chr1:65272	NM_19868	Hs.284232	
A_24_P353	-2.220424	-1.150836	2.220424	down	0.092833	0.195005	0.094033	-2.860835	-0.116937	-0.092834	GUCD1	guanylyl cy	FALSE	Homo sapi	83606		24936686	chr22	24936627	+	hs 22q11.2	NM_03144	chr22:2493	NM_03144	Hs.9850	
A_33_P335	-2.258337	-1.175261	2.258337	down	0.411446	0.436037	0.598355	-0.816802	-0.411446	-0.851695	SUV420H2	suppressor	FALSE	Homo sapi	84787	GO:000551	55859488	chr19	55859429	+	hs 19q13.4	NM_03270	chr19:5585	NM_03270	Hs.590982	
A_23_P397	-2.079983	-1.056572	2.079983	down	0.59232	0.534638	0.362834	-0.578588	-0.738502	-0.362834	PAQR4	progestin a	FALSE	Homo sapi	124222	GO:000487	3022845	chr16	3022786	+	hs 16p13.3	NM_15234	chr16:3022	NM_15234	Hs.351474	
A_23_P538	-2.450038	-1.292804	2.450038	down	0.64338	0.620268	0.562598	-0.736521	-0.562598	-0.753046	KLF5	Kruppel-lik	FALSE	Homo sapi	688	GO:006057	73651038	chr13	73650979	+	hs 13q22.1	NM_00173	chr13:7365	NM_00173	Hs.508234	
A_23_P66C	-2.061625	-1.043782	2.061625	down	0.444762	0.387573	0.424041	-0.773506	-0.387573	-0.713889	PRRT2	proline-ric	FALSE	Homo sapi	112476	GO:000960	29826998	chr16	29826939	+	hs 16p11.2	NM_14523	chr16:2982	NM_14523	Hs.655071	
A_23_P162	-2.124357	-1.087026	2.124357	down	0.537919	0.521237	0.525094	-0.529663	-0.625929	-0.521237	MCAM	melanoma	FALSE	Homo sapi	4162	GO:006104	1.19E+08	chr11	1.19E+08	-	hs 11q23.3	NM_00650	chr11:1191	NM_00650	Hs.599039	
A_33_P333	-2.180371	-1.124574	2.180371	down	0.696426	0.674205	0.423384	-0.423384	-0.465663	-0.69066	TRPC6	transient re	FALSE	Homo sapi	7225	GO:000551	1.01E+08	chr11	1.01E+08	+	hs 11q22.1	NM_00462	chr11:1013	NM_00462	Hs.159003	
A_33_P34C	-2.249097	-1.169346	2.249097	down	0.467558	0.562104	0.452559	-0.811229	-0.452559	-0.76203	TGF-beta a	TGF-beta a	FALSE	Homo sapi	23118	GO:000551	1.5E+08	chr16	1.5E+08	+	hs 6q25.1	NM_01509	chr6:14970	NM_01509	Hs.269775	
A_33_P325	-2.345132	-1.229669	2.345132	down	0.641927	0.616916	0.566993	-0.566993	-0.673379	-0.622802	XAF1	XIAP associ	FALSE	Homo sapi	54739	GO:000573	6674202	chr17	6674143	+	hs 17p13.1	NM_01752	chr17:6674	NM_01752	Hs.441975	
A_32_P196	-2.824767	-1.498132	2.824767	down	1.008688	0.900666	0.555157																			

A_24_P307	-3.142255	-1.6518	3.142255	down	0.851655	0.744532	0.77139	-0.744532	-0.963521	-0.879771	FALSE	activating transcription factor 4 ps	74222655	chr17	74222596	-	hs 17q25.1	chr17:74222655-74222596							
A_23_P353	-2.018548	-1.013318	2.018548	down	0.376014	0.413891	0.369156	-0.793583	-0.369156	-0.718154	C2CD2L	C2CD2-like	FALSE	Homo sapi	9854	GO:000815	1.19E+08	chr11	1.19E+08	+	hs 11q23.3	NM_01480	chr11:1189	NM_01480	Hs.26899
A_33_P337	-2.188481	-1.12993	2.188481	down	0.513385	0.504873	0.538498	-0.504873	-0.781026	-0.547134	HLA-F	major histc	FALSE	Homo sapi	3134	GO:000247	29692173	chr6	29692114	+	hs 6p22.1	NM_00109	chr6:29692	NM_00109	Hs.519972
A_23_P422	-2.300836	-1.202158	2.300836	down	0.33034	0.383733	0.581736	-1.00634	-0.32034	-0.973985	B3GALT4	UDP-Gal:br	FALSE	Homo sapi	8705	GO:000013	33246603	chr6	33246543	+	hs 6p21.32	NM_00378	chr6:33246	NM_00378	Hs.534375
A_24_P345	-2.166753	-1.115534	2.166753	down	0.461831	0.453536	0.518528	-0.529876	-0.939297	-0.453536	LOC441081	POM121 m	FALSE	Homo sapi	441081	GO:001602	68931876	chr5	68931817	+	hs 5q13.2	NR_07340	chr5:68931	NR_07340	Hs.721548
A_23_P214	-2.45212	-1.29403	2.45212	down	0.512198	0.535043	0.540856	-0.924793	-0.512198	-0.857001	EDN1	endothelin	FALSE	Homo sapi	1906	GO:000551	12296731	chr6	12296672	+	hs 6p24.1	NM_00195	chr6:12296	NM_00195	Hs.511899
A_24_P101	-2.557035	-1.354472	2.557035	down	0.686181	0.761086	0.609692	-0.633333	-0.609692	-0.763431	RGCC	regulator o	FALSE	Homo sapi	28984	GO:000551	42044635	chr13	42042937	+	hs 13q14.1	NM_01405	chr13:4204	NM_01405	Hs.507866
A_21_P001	-2.005661	-1.004078	2.005661	down	0.502387	0.431444	0.39786	-0.69064	-0.39786	-0.592043	DUXAP10	double hor	FALSE	double hon	503639		19662660	chr14	19662601	+	hs 14q11.2	BC013389	chr14:19662601-19662	Hs.744284	
A_23_P743	-2.388073	-1.255847	2.388073	down	0.541084	0.756118	0.593973	-0.633754	-0.701528	-0.541084	OPN3	opsin 3	FALSE	Homo sapi	23596	GO:001829	2.42E+08	chr1	2.42E+08	-	hs 1q43	NM_01432	chr1:24175	NM_01432	Hs.409081
A_22_P00C	-2.396404	-1.260871	2.396404	down	0.341486	0.492113	0.388736	-1.136029	-0.341486	-1.082765	LOC101925	uncharacte	FALSE	PREDICTED	1.02E+08		41840799	chr1	41840740	+	hs 1p34.2	XR_42514C	chr1:41840	XR_425140	
A_23_P165	-2.134404	-1.093833	2.134404	down	0.635483	0.272312	0.660115	-0.272312	-1.039005	-0.402274	WISP1	WNT1 indu	FALSE	Homo sapi	8840	GO:000716	1.34E+08	chr8	1.34E+08	+	hs 8q24.22	NM_08083	chr8:13423	NM_08083	Hs.492974
A_23_P356	-2.226059	-1.154492	2.226059	down	0.538361	0.57957	0.499126	-0.622562	-0.499126	-0.724731	PLCE1	phospholip	FALSE	Homo sapi	51196	GO:004585	96087992	chr10	96087933	+	hs 10q23.3	NM_01634	chr10:9608	NM_01634	Hs.655033
A_23_P132	-2.282549	-1.190646	2.282549	down	0.484726	0.567956	0.67737	-0.587958	-0.769201	-0.484726	SPA64	sperm assc	FALSE	Homo sapi	6676	GO:000573	34208649	chr20	34207653	+	hs 20q11.2	NM_00311	chr20:3420	NM_00311	Hs.123159
A_23_P37C	-2.963779	-1.567438	2.963779	down	0.791068	0.69212	0.645627	-0.964631	-0.963243	-0.645627	BATF2	basic leucir	FALSE	Homo sapi	116071	GO:004356	64755631	chr11	64755572	-	hs 11q13.1	NM_13845	chr11:6475	NM_13845	Hs.124840
A_21_P00C	-2.3401	-1.22657	2.3401	down	0.629206	0.539367	0.473197	-1.037767	-0.473197	-0.526976	SNORD114	small nucle	FALSE	Homo sapi	767592		1.01E+08	chr14	1.01E+08	+	hs 14q32.3	NR_00320	chr14:10414	NR_00320	
A_23_P768	-2.145443	-1.101275	2.145443	down	0.268482	0.621043	0.441329	-1.130458	-0.574032	-0.268482	ADSSL1	adenylosuc	FALSE	Homo sapi	122622	GO:004604	1.05E+08	chr14	1.05E+08	+	hs 14q32.3	NM_19916	chr14:1052	NM_19916	Hs.592327
A_23_P165	-3.415547	-1.772117	3.415547	down	0.772057	0.809078	0.814198	-1.086146	-0.772057	-1.062814	MMP1	matrix met	FALSE	Homo sapi	4312	GO:000550	1.03E+08	chr11	1.03E+08	-	hs 11q22.2	NM_00242	chr11:1026	NM_00242	Hs.83169
A_23_P154	-2.139341	-1.097167	2.139341	down	0.527087	0.493206	0.530889	-0.644205	-0.493207	-0.602906	TOX2	TOX high r	FALSE	Homo sapi	84969	GO:000635	42698155	chr20	42698096	+	hs 20q13.1	NM_03288	chr20:4269	NM_03288	Hs.26608
A_33_P325	-2.02483	-1.017801	2.02483	down	0.395705	0.349562	0.325357	-0.891253	-0.325357	-0.766168	PKCKI	protein kin	FALSE	Homo sapi	5584	GO:000551	1.7E+08	chr3	1.7E+08	+	hs 3q26.2	NM_00274	chr3:17002	NM_00274	Hs.478199
A_24_P133	-2.26007	-1.176368	2.26007	down	0.658928	0.729767	0.460004	-0.534825	-0.460004	-0.685575	KITLG	KIT ligand	FALSE	Homo sapi	4254	GO:000551	88886712	chr12	88886653	+	hs 12q21.3	NM_00089	chr12:8888	NM_00089	Hs.1048
A_22_P00C	-6.874332	-2.78122	6.874332	down	1.18008	1.09942	1.233521	-1.910022	-1.09942	-1.821195	Inc-MFSD9	Inc-MFSD9	FALSE	1ITB_B Chain B, Type-1 Interleukin	1.03E+08	chr2					hs 2q12.1	chr2:102789140-102789081			
A_33_P332	-2.337968	-1.225255	2.337968	down	0.647286	0.628145	0.52263	-0.702124	-0.52263	-0.65295	TSPY10	testis speci	FALSE	Homo sapi	1E+08	GO:000750	9366703	chrY	9366644	+	hs Yp11.2	NM_00128	chrY:93666	NM_00128	Hs.646249
A_23_P185	-2.177869	-1.122917	2.177869	down	0.565612	0.508852	0.541338	-0.543783	-0.700315	-0.508852	PI4KB2B	phosphatid	FALSE	Homo sapi	55300	GO:000443	25280046	chr4	25279987	+	hs 4p15.2	NM_01832	chr4:25279	NM_01832	Hs.191701
A_23_P105	-2.423003	-1.276796	2.423003	down	0.491578	0.667614	0.522633	-0.491578	-1.097997	-0.558988	SALL4	spalt-like tr	FALSE	Homo sapi	57167	GO:000079	50400915	chr20	50400856	-	hs 20q13.2	NM_02043	chr20:5040	NM_02043	Hs.517113
A_24_P384	-2.34842	-1.23169	2.34842	down	0.554488	0.577798	0.521803	-0.622407	-0.896773	-0.521803	EWRS1	EWS RNA-t	FALSE	Homo sapi	2130	GO:000551	29686480	chr22	29686421	+	hs 22q12.2	NM_00116	chr22:2968	NM_00116	Hs.374477
A_33_P32C	-4.935321	-2.303144	4.935321	down	1.043076	1.051696	1.117848	-1.505285	-1.043076	-1.148451	RASGRP2	RAS guanyl	FALSE	Homo sapi	10235	GO:004300	64508476	chr11	64508420	-	hs 11q13.1	NM_15381	chr11:6450	NM_15381	Hs.99491
A_23_P254	-2.88456	-1.528351	2.88456	down	0.594695	0.73796	0.915988	-0.731212	-0.594695	-1.010550	RPA4	replication	FALSE	Homo sapi	29935	GO:000008	96140331	chrX	96140272	+	hs Xq21.3	NM_01334	chrX:96140	NM_01334	Hs.659349
A_23_P204	-4.837425	-2.74239	4.837425	down	1.057811	0.939753	0.963644	-1.473404	-0.939753	-1.448315	MGP	matrix Gla	FALSE	Homo sapi	4256	GO:003101	15034999	chr12	15034940	-	hs 12p12.3	NM_00090	chr12:1503	NM_00090	Hs.365706
A_23_P255	-5.426204	-2.439943	5.426204	down	1.127454	1.097632	0.995264	-1.639119	-0.995264	-1.465098	ABLIM2	actin bindir	FALSE	Homo sapi	84448	GO:003003	7967135	chr4	7967076	-	hs 4p16.1	NM_03243	chr4:79671	NM_03243	Hs.233404
A_33_P325	-2.080945	-1.057239	2.080945	down	0.452066	0.54789	0.477635	-0.658358	-0.452066	-0.583703	WDR62	WD repeat	FALSE	Homo sapi	284403	GO:000573	36596011	chr19	36595952	+	hs 19q13.1	NM_00108	chr19:3659	NM_00108	Hs.116244
A_33_P33C	-2.574348	-1.364207	2.574348	down	0.608496	0.608222	0.605067	-0.747874	-0.605067	-0.917894	TLE4	transducin-	FALSE	transducin-	7091	GO:000551	82242662	chr9	82242603	+	hs 9q21.31	chr9:82242603-82242662			
A_32_P162	-4.190958	-2.06728	4.190958	down	0.907893	0.986776	0.894556	-0.894556	-1.378983	-1.139076	C18orf54	chromosom	FALSE	Homo sapi	162681	GO:000557	51907544	chr18	51907485	+	hs 18q21.2	NM_17352	chr18:5190	NM_17352	Hs.208701
A_22_P00C	-2.064933	-1.046095	2.064933	down	0.53618	0.468626	0.517458	-0.468626	-0.530432	-0.616962	Inc-BTBD15	Inc-BTBD15	FALSE	LNCipedia lincRNA (Inc-BTBD19-1), l	45282689	chr1	45282630	+	hs 1p34.1	chr1:45282630-45282689					
A_33_P335	-2.374263	-1.24748	2.374263	down	0.458049	0.585483	0.554698	-1.078912	-0.458049	-0.607249	GRIN3B	glutamate i	FALSE	Homo sapi	116444	GO:000526	1009707	chr19	1009648	+	hs 19p13.3	NM_13869	chr19:1009	NM_13869	Hs.660378
A_33_P325	-2.450431	-1.293036	2.450431	down	0.567383	0.57155	0.580359	-0.790141	-0.567383	-0.80229	MEG3	maternally	FALSE	Homo sapi	55384		1.01E+08	chr14	1.01E+08	+	hs 14q32.2	NR_00276	chr14:1013	NR_00276	Hs.654863
A_23_P111	-2.430236	-1.281097	2.430236	down	0.547822	0.61372	0.626656	-0.678255	-0.829016	-0.547822	PARP12	poly (ADP-i	FALSE	Homo sapi	64761	GO:000815	1.4E+08	chr7	1.4E+08	-	hs 7q34	NM_02275	chr7:13972	NM_02275	Hs.12646
A_24_P13C	-2.201532	-1.138508	2.201532	down	0.569349	0.513584	0.380838	-0.862234	-0.380838	-0.708683	DDX3Y	DEAD (Asp-	FALSE	Homo sapi	8653	GO:000573	15027921	chrY	15027862	+	hs Yq11.21	NM_00466	chrY:15027	NM_00466	Hs.99120
A_23_P681	-3.293092	-1.719443	3.293092	down	0.854961	0.796269	0.801168	-0.969937	-0.796269	-0.939724	IFIH1	interferon i	FALSE	Homo sapi	64135	GO:000372	1.63E+08	chr2	1.63E+08	-	hs 2q24.2	NM_02216	chr2:16312	NM_02216	Hs.163173
A_23_P64C	-9.370277	-3.228092	9.370277	down	1.607084	1.57374	1.543368	-1.685091	-1.543367	-1.731626	RASGRP2	RAS guanyl	FALSE	Homo sapi	10235	GO:004300	64494473	chr11	64494414	-	hs 11q13.1	NM_15381	chr11:6449	NM_15381	Hs.99491
A_33_P326	-2.270998	-1.183326	2.270998	down	0.475829	0.547506	0.551322	-0.747386	-0.475828	-0.752107	LIMS2	LIM and se	FALSE	Homo sapi	55679	GO:200104	1.28E+08	chr2	1.28E+08	-	hs 2q14.3	NM_00116	chr2:12839	NM_00116	Hs.469881
A_21_P001	-2.08477	-1.059888	2.08477	down	0.467843	0.494783	0.556045	-0.553011	-0.467843	-0.640141	XLOC_I2	XLOC_I2	FALSE	BROAD Institute lincRNA (XLOC_I2	1.28E+08	chr7				hs 7q32.1	chr7:128373739-128231917				
A_21_P00C	-2.062712	-1.044542	2.062712	down	0.377399	0.372227	0.316378	-1.142609	-0.608636	-0.316378	SNORA4	small nucle	FALSE	Homo sapi	619568		1.87E+08	chr3	1.87E+08	+	hs 3q27.3	NR_00258	chr3:18650	NR_00258	Hs.743897
A_21_P001	-2.104573	-1.073528	2.104573	down	0.402591	0.444772	0.621071	-0.863132	-0.402591	-0.486425	XLOC_I2	XLOC_I2	FALSE	BROAD Institute lincRNA (XLOC_I2	1.0979310	chr18				hs 18p11.21	chr18:10979310-10979251	</			

A_33_P334	-2.099782	-1.07024	2.099782	down	0.515121	0.512612	0.499429	-0.499429	-0.647246	-0.536884	RC3H2	ring finger	FALSE	Homo sapi	54542	GO:000020	1.26E+08	chr9	1.26E+08	-	hs 9q33.2	NM_01883	chr9:125633	NM_01883	Hs.533499
A_21_P001	-2.058329	-1.041474	2.058329	down	0.679851	0.592006	0.268683	-0.268683	-0.697841	-0.617358			FALSE	PREDICTED: Homo sapiens unchara			1.3E+08	chr3	1.3E+08	+	hs 3q22.1	XR_241558	chr3:12983	XR_241558	Hs.744344
A_32_P366	-2.216226	-1.148105	2.216226	down	0.564103	0.537514	0.507959	-0.657763	-0.507959	-0.669019	JAZF1	JAZF zinc fi	FALSE	Homo sapi	221895	GO:001705	27870436	chr7	27870377	-	hs 7p15.2	NM_17506	chr7:27870	NM_17506	Hs.368944
A_33_P341	-2.879933	-1.526035	2.879933	down	0.66726	0.767293	0.601352	-0.971512	-0.601352	-0.969336	DDX58	DEAD (Asp-	FALSE	Homo sapi	23586	GO:000551	32455787	chr9	32455728	-	hs 9p21.1	NM_01431	chr9:32455	NM_01431	Hs.190622
A_22_P00C	-2.419574	-1.274753	2.419574	down	0.717843	0.76873	0.533909	-0.593406	-0.676462	-0.533909	EEF1DP3	eukaryotic	FALSE	Homo sapi	196549		32520317	chr13	32520258	+	hs 13q13.1		chr13:3252	NR_02706	Hs.507667
A_24_P178	-2.128401	-1.08977	2.128401	down	0.443757	0.604073	0.533313	-0.47062	-0.77379	-0.443757	HCP5	HLA compli	FALSE	Homo sapi	10866	GO:000695	31432704	chr6	31432645	+	hs 6p21.3	NR_04066	chr6:31432	NR_04066	Hs.691948
A_24_P921	-2.204656	-1.140554	2.204656	down	0.540632	0.520688	0.523632	-0.520688	-0.537582	-0.778438	SRSF1	serine/argi	FALSE	Homo sapi	6426	GO:000551	56078449	chr17	56078390	-	hs 17q22	NM_00107	chr17:5607	NM_00107	Hs.68714
A_33_P325	-2.191397	-1.131851	2.191397	down	0.568279	0.475611	0.661478	-0.53748	-0.475611	-0.677094	HAS1	hyaluronar	FALSE	Homo sapi	3036	GO:000588	52220281	chr19	52220222	-	hs 19q13.4	NM_00152	chr19:5222	NM_00152	Hs.57697
A_33_P367	-2.157513	-1.109369	2.157513	down	0.549194	0.438922	0.431143	-0.771274	-0.70643	-0.431143			FALSE				35234990	chr15	35234931	-	hs 15q14		chr15:035234990	035234931	
A_33_P336	-2.635491	-1.398072	2.635491	down	0.651842	0.685253	0.632941	-0.632941	-0.813534	-0.777705	CFH	complemei	FALSE	Homo sapi	3075	GO:000695	1.97E+08	chr1	1.97E+08	+	hs 1q31.3	NM_00101	chr1:19664	NM_00101	Hs.363396
A_33_P335	-3.016163	-1.592715	3.016163	down	0.543788	0.673798	0.531667	-1.134168	-0.531667	-1.363056	DHRS4L1	dehydrogei	FALSE	Homo sapi	728635	GO:001649	24520507	chr14	24520448	+	hs 14q11.2	NM_00127	chr14:2452	NM_00127	Hs.647569
A_23_P306	-2.754176	-1.461621	2.754176	down	0.675267	0.652633	0.693911	-0.812304	-0.652633	-0.898114	TNFRSF21	tumor necr	FALSE	Homo sapi	27242	GO:000551	47199542	chr6	47199483	-	hs 6p12.3	NM_01445	chr6:47199	NM_01445	Hs.443577
A_23_P701	-2.157456	-1.109331	2.157456	down	0.524427	0.497	0.585119	-0.584855	-0.639592	-0.497	TMED9	transmemt	FALSE	Homo sapi	54732	GO:000551	1.77E+08	chr5	1.77E+08	+	hs 5q35.3	NM_01751	chr5:17702	NM_01751	Hs.279929
A_23_P726	-2.205417	-1.141052	2.205417	down	0.258077	0.541809	0.970698	-0.696414	-0.258077	-0.698081	SDPR	serum depi	FALSE	Homo sapi	8436	GO:000551	1.93E+08	chr2	1.93E+08	-	hs 2q32.3	NM_00465	chr2:19270	NM_00465	Hs.26530
A_23_P605	-3.362149	-1.749384	3.362149	down	0.814923	0.877538	0.853556	-0.964734	-0.814923	-0.922477	PLCB1	phospholip	FALSE	Homo sapi	23236	GO:000551	8755271	chr20	8755212	+	hs 20p12.3	NM_01519	chr20:8755	NM_01519	Hs.431173
A_23_P386	-2.55762	-1.354802	2.55762	down	0.583808	0.605532	0.560769	-0.850719	-0.560769	-0.90281	FAM110A	family with	FALSE	Homo sapi	83541	GO:000551	826898	chr20	826839	+	hs 20p13	NM_00104	chr20:8268	NM_00104	Hs.574822
A_23_P36C	-2.316192	-1.211755	2.316192	down	0.43675	0.444853	0.433015	-0.905078	-0.433015	-0.982553	ADAMTS4	ADAM met	FALSE	Homo sapi	9507	GO:000551	1.61E+08	chr1	1.61E+08	-	hs 1q23.3	NM_00509	chr1:16115	NM_00509	Hs.211604
A_33_P34C	-2.000189	-1.000137	2.000189	down	0.35208	0.536534	0.351276	-0.746299	-0.351276	-0.642069	FOXO6	forkhead b	FALSE	Homo sapi	1E+08	GO:004356	41849257	chr1	41849198	+	hs 1p34.2	NM_00129	chr1:41849	NM_00129	Hs.1291281
A_23_P194	-2.438126	-1.285773	2.438126	down	0.564493	0.579453	0.48693	-0.770324	-0.48693	-0.969189	DDAH2	dimethylar	FALSE	Homo sapi	23564	GO:000551	31694977	chr6	31694918	-	hs 6p21.3	NM_01397	chr6:31694	NM_01397	Hs.247362
A_33_P331	-3.070004	-1.61824	3.070004	down	0.809294	0.649158	0.72389	-0.912221	-0.649158	-1.111			FALSE				1.32E+08	chr2	1.32E+08	-	hs 2q21.1		chr2:132056314	132056255	
A_23_P156	-2.231496	-1.158011	2.231496	down	0.455713	0.478451	0.599391	-0.840695	-0.455713	-0.644069	ENPP1	ectonucleo	FALSE	Homo sapi	5167	GO:000551	1.32E+08	chr6	1.32E+08	+	hs 6q23.2	NM_00620	chr6:13221	NM_00620	Hs.527295
A_24_P15C	-2.174573	-1.120732	2.174573	down	0.407544	0.42909	0.453391	-1.020063	-0.644565	-0.407544	NXP3H	neurexoph	FALSE	Homo sapi	11248	GO:000367	47657055	chr17	47656996	+	hs 17q21.3	NM_00722	chr17:4765	NM_00722	Hs.55069
A_24_P267	-2.472328	-1.30587	2.472328	down	0.55115	0.537517	0.551828	-0.585713	-1.153886	-0.537517			FALSE				19005666	chr22	19005607	-	hs 22q11.21		chr22:19005666	19005607	
A_23_P331	-2.4263	-1.278758	2.4263	down	0.530789	0.597021	0.560119	-0.82003	-0.530788	-0.797525	COL5A2	collagen, t	FALSE	Homo sapi	1290	GO:004859	1.9E+08	chr2	1.9E+08	-	hs 2q32.2	NM_00039	chr2:18989	NM_00039	Hs.445827
A_33_P33C	-3.412959	-1.771023	3.412959	down	0.841477	0.816186	0.814584	-0.884482	-1.141755	-0.814584	POM121L1	POM121 tr	FALSE	Homo sapi	25812		22974270	chr22	22974211	-	hs 22q11.2	NR_02459	chr22:2297	NR_02459	Hs.367764
A_23_P137	-2.560371	-1.356353	2.560371	down	0.578322	0.580887	0.543783	-0.873851	-0.543783	-0.948434	S100A10	S100 calciu	FALSE	Homo sapi	6281	GO:000551	1.52E+08	chr1	1.52E+08	-	hs 1q21.3	NM_00296	chr1:15195	NM_00296	Hs.143873
A_33_P331	-2.258464	-1.175342	2.258464	down	0.492432	0.703377	0.757107	-0.581341	-0.499338	-0.492432	MICAL2	microtubul	FALSE	Homo sapi	9645	GO:001941	12281617	chr11	12281558	+	hs 11p15.3	NM_00128	chr11:1228	NM_00128	Hs.501928
A_24_P215	-2.388272	-1.255967	2.388272	down	0.452952	0.480861	0.451581	-0.982094	-0.451581	-0.948833	ATP10A	ATPase, cla	FALSE	Homo sapi	57194	GO:000551	25923934	chr15	25923875	-	hs 15q12	NM_02449	chr15:2592	NM_02449	Hs.659258
A_21_P001	-2.00167	-1.001204	2.00167	down	0.331018	0.500112	0.585394	-0.611647	-0.331018	-0.644425			FALSE	Homo sapiens cDNA clone IMAGE			97637553	chr9	97637494	+	hs 9q22.32	BC042892	chr9:97637494	9763737	Hs.655466
A_33_P34C	-2.133048	-1.092917	2.133048	down	0.394984	0.366434	0.332771	-0.681863	-1.169927	-0.332771	TLE6	transducin-	FALSE	Homo sapi	79816	GO:004323	2994089	chr19	2994030	+	hs 19p13.3	NM_00114	chr19:2994	NM_00114	Hs.334507
A_24_P374	-2.784357	-1.477344	2.784357	down	0.770845	0.704042	0.718015	-0.77624	-0.704042	-0.758847	PKD1	pyruvate di	FALSE	Homo sapi	5163	GO:000474	1.73E+08	chr2	1.73E+08	+	hs 2q31.1	NM_00261	chr2:17346	NM_00261	Hs.470633
A_22_P00C	-2.017673	-1.012692	2.017673	down	0.317005	0.67188	0.414418	-0.987702	-0.317005	-0.330067	Inc-LENG9-	Inc-LENG9-	FALSE	LNCipedia lincRNA (Inc-LENG9-1),			54959409	chr19	54959350	-	hs 19q13.42		chr19:54959409	54959350	
A_23_P39C	-2.379483	-1.250648	2.379483	down	0.616337	0.586649	0.553903	-0.77138	-0.553903	-0.669773	TTC39B	tetratricop	FALSE	Homo sapi	158219		15172034	chr9	15171975	-	hs 9p22.3	NM_15257	chr9:15172	NM_15257	Hs.563630
A_22_P00C	-2.027671	-1.019824	2.027671	down	0.531777	0.542604	0.414925	-0.711848	-0.414925	-0.443391	LINC000087	long intergi	FALSE	Homo sapi	644596		1.34E+08	chrX	1.34E+08	-	hs Xq26.3	NR_02449	chrX:13422	NR_02449	Hs.656427
A_23_P87C	-2.104009	-1.073141	2.104009	down	0.486651	0.448174	0.455291	-0.448916	-0.932218	-0.448174	TAGLN	transgelin	FALSE	Homo sapi	6876	GO:000551	1.17E+08	chr11	1.17E+08	+	hs 11q23.3	NM_00100	chr11:1170	NM_00100	Hs.410977
A_33_P324	-2.910605	-1.541319	2.910605	down	0.905599	0.62525	0.807007	-0.779049	-0.881803	-0.62525			FALSE				9477884	chrY	9477825	-	hs Yp11.2		chrY:009477884	009477825	
A_21_P001	-2.610798	-1.384491	2.610798	down	0.793125	0.638556	0.605288	-0.65726	-0.605288	-0.853956			FALSE								hs 17q25.3	NM_00104	chr17:8019	NM_00104	Hs.500761
A_23_P158	-2.162629	-1.112786	2.162629	down	0.477669	0.473906	0.470974	-0.725845	-0.470975	-0.71899	SLC16A3	solute carri	FALSE	Homo sapi	9123	GO:003196	80197347	chr17	80197288	+	hs 20q13.3	NM_00130	chr20:6159	NM_00130	Hs.512686
A_33_P322	-2.03986	-1.02847	2.03986	down	0.55429	0.414854	0.347137	-0.609601	-0.347137	-0.812392	SLC17A9	solute carri	FALSE	Homo sapi	63910	GO:000521	61599941	chr20	61599882	+	hs 1q24.2	NM_00366	chr1:16936	NM_00366	Hs.130746
A_33_P335	-2.046783	-1.033358	2.046783	down	0.288935	0.577918	0.488717	-0.59642	-0.288935	-0.85915	BLZF1	basic leucir	FALSE	Homo sapi	8548	GO:000370	1.69E+08	chr1	1.69E+08	+	hs 1p36.3	NM_19857	chr1:99149	NM_19857	Hs.273330
A_22_P00C	-3.086945	-1.626618	3.086945	down	0.744171	0.761889	0.745238	-0.948171	-0.74417	-0.9349	AGRN	agrin	FALSE	Homo sapi	375790	GO:000551	991491	chr1	991432	+	hs 7q31.2	NM_00024	chr7:11643	NM_00024	Hs.132966
A_23_P359	-2.23753	-1.161907	2.23753	down	0.474823	0.484962	0.413678	-0.790418	-0.413678	-0.908161	MET	MET proto-	FALSE	Homo sapi	4233	GO:000551	1.16E+08	chr7	1.16E+08	+	hs 11p15.3	NM_01588	chr11:1198	NM_01588	Hs.292156
A_24_P261	-2.0394	-1.028145	2.0394	down	0.630256	0.412092	0.583094	-0.540499	-0.412092	-0.506403	DKK3	dickkopf W	FALSE	Homo sapi	27122	GO:003032	11984974	chr11	11984915	-	hs 4q35.1	NM_18172	chr4:18632	NM_18172	Hs.508154
A_24_P237	-2.234067	-1.159672	2.234067																						

A_24_P335	-3.108875	-1.636393	3.108875	down	0.812012	0.744298	0.74803	-0.794024	-1.066514	-0.744298	OAS3	2'-5'-oligoa	FALSE	Homo sapi	4940	GO:000372	1.13E+08	chr12	1.13E+08	+	hs 12q24.1	NM_00618	chr12:1134	NM_00618	Hs.744211
A_33_P325	-3.951055	-1.982238	3.951055	down	0.985494	1.012643	0.977274	-0.987329	-1.0067	-0.977274	GGT5	gamma-glu	FALSE	Homo sapi	2687	GO:001936	24615682	chr22	24615623	-	hs 22q11.2	NM_00109	chr22:2461	NM_00109	Hs.437156
A_21_P001	-3.206501	-1.681	3.206501	down	0.74004	0.792022	0.768986	-0.919878	-1.082033	-0.74004	LINC01088	long interg	FALSE	Homo sapi	1.01E+08		80007416	chr4	80007360	+	hs 4q21.21	NR_03834	chr4:80007	NR_03834	Hs.480055
A_33_P325	-2.120925	-1.084694	2.120925	down	0.472263	0.513955	0.431459	-0.675484	-0.431459	-0.729461	COMTD1	catechol-O	FALSE	Homo sapi	118881	GO:000573	76993805	chr10	76993746	-	hs 10q22.2	NM_14458	chr10:7699	NM_14458	Hs.355333
A_33_P322	-2.402329	-1.264434	2.402329	down	0.661889	0.636977	0.585232	-0.614659	-0.709313	-0.585232	EIF2AK2	eukaryotic	FALSE	Homo sapi	5610	GO:000551	37368837	chr2	37368778	-	hs 2p22.2	NM_00113	chr2:37368	NM_00113	Hs.131431
A_23_P648	-2.957547	-1.564401	2.957547	down	0.564374	0.808368	0.682674	-1.050174	-0.564374	-1.027739	KCNJ8	potassium-	FALSE	Homo sapi	3764	GO:000524	21918724	chr12	21918665	-	hs 12p12.1	NM_00498	chr12:2191	NM_00498	Hs.102308
A_22_P00C	-2.434068	-1.283369	2.434068	down	0.559677	0.633886	0.663772	-0.78725	-0.559677	-0.645847	RPS6KA2-IT	RPS6KA2 in	FALSE	Homo sapi	1.01E+08		1.67E+08	chr6	1.67E+08	-	hs 6q27	NR_04679	chr6:16687	NR_04679	Hs.675698
A_21_P001	-2.897645	-1.534881	2.897645	down	0.723684	0.800271	0.68932	-0.68932	-0.988262	-0.713786			FALSE	Homo sapi			65194182	chr11	65194123	+	hs 11q13.1		chr11:65194123	65194	Hs.523789
A_19_P003	-2.076768	-1.05434	2.076768	down	0.38882	0.455462	0.455365	-0.754516	-0.38882	-0.720037	TUG1	taurine up-	FALSE	Homo sapi	55000		31374064	chr22	31374005	+	hs 22q12.2	NR_11049	chr22:3137	NR_11049	Hs.554829
A_21_P00C	-2.016281	-1.011697	2.016281	down	0.626054	0.584976	0.413288	-0.413288	-0.447391	-0.550093			FALSE	Homo sapi			64440505	chr3	64440446	+	hs 3p14.1		chr3:64440446	64440	Hs.523789
A_23_P87C	-2.493299	-1.318056	2.493299	down	0.56798	0.588092	0.586628	-0.571772	-1.071715	-0.56798	TAGLN	transgelin	FALSE	Homo sapi	6876	GO:000551	1.17E+08	chr11	1.17E+08	+	hs 11q23.3	NM_00100	chr11:1170	NM_00100	Hs.410977
A_24_P488	-2.40554	-1.266361	2.40554	down	0.546402	0.523916	0.574269	-0.819444	-0.523916	-0.811135	APOL2	apolipopro	FALSE	Homo sapi	23780	GO:000662	36622708	chr22	36622649	-	hs 22q12.3	NM_14563	chr22:3662	NM_14563	Hs.474740
A_24_P318	-3.546179	-1.826266	3.546179	down	0.942122	0.952126	0.833006	-1.017541	-0.833006	-0.900996	ITGB3	integrin, be	FALSE	Homo sapi	3690	GO:000551	45389086	chr17	45389027	+	hs 17q21.3	NM_00021	chr17:4538	NM_00021	Hs.218040
A_33_P328	-2.095062	-1.066993	2.095062	down	0.486236	0.519057	0.567215	-0.569952	-0.572282	-0.486236			FALSE	Homo sapi			15201431	chr16	15201372	-	hs 16p13.11		chr16:015201431	015201372	
A_33_P325	-2.877751	-1.524942	2.877751	down	0.762181	0.63815	0.706353	-1.137516	-0.692475	-0.63815			FALSE	Homo sapi			3105574	chr11	3105514	-	hs 11p15.4		chr11:003105573	003105514	
A_33_P321	-2.322466	-1.215657	2.322466	down	0.543446	0.529355	0.506187	-0.748262	-0.506187	-0.813535	DNAJC6	DnaJ (Hsp4	FALSE	Homo sapi	9829	GO:007231	65880860	chr1	65880801	+	hs 1p31.3	NM_00125	chr1:65880	NM_00125	Hs.647643
A_23_P363	-5.404071	-2.434047	5.404071	down	1.171785	1.202571	1.204436	-1.171785	-1.208722	-1.342842	FRZB	frizzled-rel	FALSE	Homo sapi	2487	GO:004281	1.84E+08	chr2	1.84E+08	-	hs 2q32.1	NM_00146	chr2:18369	NM_00146	Hs.128453
A_19_P008	-5.393584	-2.431244	5.393584	down	0.824458	0.936858	0.946295	-1.834264	-0.824457	-1.927401	CASC15	cancer susc	FALSE	Homo sapi	401237		22111058	chr2	22110999	+	hs 6p22.3	NR_01541	chr6:22110	NR_01541	Hs.712707
A_33_P335	-2.771454	-1.470643	2.771454	down	0.810918	0.721753	0.703323	-0.703323	-0.730863	-0.741751	SSC5D	scavenger i	FALSE	Homo sapi	284297	GO:200048	56030410	chr19	56030351	+	hs 19q13.4	NM_00114	chr19:5603	NM_00114	Hs.554182
A_23_P391	-12.81319	-3.679558	12.81319	down	1.846468	1.71038	1.672811	-2.142335	-1.672811	-1.995689	PLXDC1	plexin dom	FALSE	Homo sapi	57125	GO:000551	37223475	chr17	37223416	-	hs 17q12	NM_02040	chr17:3722	NM_02040	Hs.125036
A_23_P666	-2.416378	-1.272846	2.416378	down	0.667491	0.600575	0.636468	-0.600575	-0.638208	-0.675222	KAT2A	K(lysine) ac	FALSE	Homo sapi	2648	GO:000551	40265294	chr17	40265235	-	hs 17q21.2	NM_02107	chr17:4026	NM_02107	Hs.463045
A_24_P27C	-4.104347	-2.037153	4.104347	down	0.98979	0.934695	0.917045	-1.139587	-0.917045	-1.213295	IFI27	interferon,	FALSE	Homo sapi	3429	GO:000110	94583026	chr14	94582967	+	hs 14q32.1	NM_00553	chr14:9458	NM_00553	Hs.532634
A_23_P104	-3.32111	-1.731665	3.32111	down	0.573786	0.78333	0.942088	-1.074704	-0.573786	-1.247303	KIRREL3	kin of IRRE	FALSE	Homo sapi	84623	GO:003009	1.26E+08	chr11	1.26E+08	-	hs 11q24.2	NM_03253	chr11:1262	NM_03253	Hs.376015
A_23_P794	-2.343287	-1.228534	2.343287	down	0.550975	0.552379	0.582998	-0.641674	-0.550975	-0.8066	STON1-GTF	STON1-GTF	FALSE	Homo sapi	286749		48906615	chr2	48906556	+	hs 2p16.3	NM_17231	chr2:48906	NM_17231	Hs.732016
A_24_P137	-2.354604	-1.235484	2.354604	down	0.607018	0.594027	0.624086	-0.679972	-0.594027	-0.607053	USP53	ubiquitin s	FALSE	Homo sapi	54532	GO:000815	1.2E+08	chr4	1.2E+08	+	hs 4q26	NM_01905	chr4:12021	NM_01905	Hs.431081
A_23_P102	-2.03289	-1.023532	2.03289	down	0.451759	0.45528	0.44977	-0.57983	-0.44977	-0.684187	SLC40A1	solute carri	FALSE	Homo sapi	30061	GO:000551	1.9E+08	chr2	1.9E+08	-	hs 2q32.2	NM_01458	chr2:19042	NM_01458	Hs.643005
A_23_P358	-2.380425	-1.251219	2.380425	down	0.654191	0.598828	0.550276	-0.550276	-0.646316	-0.75377	GOLGA6L4	golgin A6 f	FALSE	Homo sapi	643707		84908786	chr15	84908727	+	hs 15q25.2	NM_00126	chr15:8490	NM_00126	Hs.534573
A_23_P424	-2.003825	-1.002756	2.003825	down	0.366676	0.475221	0.524767	-0.653877	-0.366676	-0.621052	TCF20	transcripti	FALSE	Homo sapi	6942	GO:000635	42556763	chr22	42556704	-	hs 22q13.2	NM_00565	chr22:4255	NM_00565	Hs.475018
A_23_P115	-2.464189	-1.301113	2.464189	down	0.510126	0.5559	0.5513	-0.930787	-0.510126	-0.845101	KLF2	Kruppel-lik	FALSE	Homo sapi	10365	GO:005124	16438305	chr19	16438246	+	hs 19p13.1	NM_01627	chr19:1643	NM_01627	Hs.744182
A_21_P00C	-3.213106	-1.683969	3.213106	down	0.770185	0.763979	0.76775	-1.057501	-0.928512	-0.763979	SNORD114	small nucle	FALSE	Homo sapi	767590		1.01E+08	chr14	1.01E+08	+	hs 14q32.3	NR_00320	chr14:1014	NR_00320	
A_23_P13C	-2.347559	-1.231162	2.347559	down	0.577322	0.536858	0.642073	-0.727144	-0.536858	-0.67323	ROCK1	Rho-associ	FALSE	Homo sapi	6093	GO:000551	18535191	chr18	18535132	-	hs 18q11.1	NM_00540	chr18:1853	NM_00540	Hs.306307
A_33_P321	-2.492955	-1.317857	2.492955	down	0.499438	0.490288	0.478592	-1.150647	-0.478592	-0.856013	ATP7A	ATPase, Cu	FALSE	Homo sapi	538	GO:000580	77302373	chrX	77302314	+	hs Xq21.1	NM_00005	chrX:77302	NM_00005	Hs.496414
A_21_P001	-2.672764	-1.418332	2.672764	down	0.562059	0.55592	0.483948	-1.217765	-0.483948	-0.951359	XLOC_I2_009136		FALSE	BROAD Institute	lincRNA (XLOC_I2_15304669	chr21	15304586	-	hs 21q11.2		chr21:15304669	15304586			
A_23_P00C	-2.82804	-1.499802	2.82804	down	0.649717	0.884092	0.656048	-0.649717	-0.75545	-0.905284	Inc-IRX3-4	Inc-IRX3-4	FALSE	Q5CSV7_CRYPV	(Q5CSV7) Predicted	54953949	chr16	54953890	-	hs 16q12.2		chr16:54953949	54953890		
A_22_P00C	-2.078715	-1.055692	2.078715	down	0.428688	0.542305	0.549719	-0.647851	-0.569826	-0.428688	SNHG23	small nucle	FALSE	small nucle	1.01E+08		1.01E+08	chr14	1.01E+08	+	hs 14q32.3	XR_424548	chr14:1014	XR_424548	Hs.709410
A_22_P00C	-2.024084	-1.017269	2.024084	down	0.63378	0.409371	0.667982	-0.475755	-0.409371	-0.455547	Inc-CLCN6	Inc-CLCN6	FALSE	Q5JZE1_HUMAN	(Q5JZE1) Natriu	11908136	chr1	11908077	+	hs 1p36.22		chr1:11908077	11908136		
A_23_P161	-4.598386	-2.201128	4.598386	down	0.975009	1.025772	1.095543	-1.210692	-1.321357	-0.975009	LEPR	leptin rece	FALSE	Homo sapi	3953	GO:004572	66102188	chr1	66102129	+	hs 1p31.3	NM_00230	chr1:66102	NM_00230	Hs.723178
A_24_P937	-2.637399	-1.399116	2.637399	down	0.555601	0.664454	0.621488	-0.934185	-0.5556	-0.86602	PRSS23	protease, s	FALSE	Homo sapi	11098	GO:000425	86522121	chr11	86522062	+	hs 11q14.2	NM_00717	chr11:8652	NM_00717	Hs.25338
A_23_P743	-2.390517	-1.257323	2.390517	down	0.427728	0.639642	0.420478	-0.716004	-0.420478	-1.147638	NUF2	NUF2, NDC	FALSE	Homo sapi	83540	GO:000551	1.63E+08	chr1	1.63E+08	+	hs 1q23.3	NM_14569	chr1:16332	NM_14569	Hs.651950
A_23_P435	-2.673825	-1.418905	2.673825	down	0.58497	0.627309	0.599752	-0.896425	-0.584971	-0.963288	WSB1	WD repeat	FALSE	Homo sapi	26118	GO:003555	25639727	chr17	25639668	+	hs 17q11.1	NM_01562	chr17:2563	NM_01562	Hs.446017
A_23_P145	-3.468732	-1.794408	3.468732	down	0.978402	0.892416	0.849152	-0.888161	-0.849152	-0.925944	FMO1	flavin cont	FALSE	Homo sapi	2326	GO:005066	1.71E+08	chr1	1.71E+08	+	hs 1q24.3	NM_00202	chr1:17125	NM_00202	Hs.1424
A_33_P321	-2.43251	-1.282446	2.43251	down	0.602693	0.591361	0.484277	-0.778232	-0.484277	-0.906499	P4HA1	prolyl 4-hy	FALSE	Homo sapi	5033	GO:000551	74767142	chr10	74767083	-	hs 10q22.1	NM_00114	chr10:7476	NM_00114	Hs.500047
A_21_P00C	-6.21117	-2.634865	6.21117	down	1.081139	1.057568	1.040685	-1.764111	-1.040685	-1.920407			FALSE	Homo sapi			1.48E+08	chr2	1.48E+08	+	hs 2q22.3		chr2:147606877	147607878	
A_21_P0																									

A_33_P335	-2.041954	-1.029951	2.041954	down	0.538187	0.694859	0.416718	-0.467837	-0.555534	-0.416718	FAM178A	family with	FALSE	Homo sapi	55719	GO:000563	1.03E+08	chr10	1.03E+08	+	hs 10q24.3	NM_00124	chr10:1026	NM_00124	Hs.447458
A_24_P932	-9.833298	-3.297675	9.833298	down	1.339407	1.42568	1.507056	-2.09684	-1.339407	-2.184637	HMBBOX1	homeobox	FALSE	homeobox	79618	GO:000551	28910521	chr8	28910462	+	hs 8p12	XM_00527	chr8:28910	XM_005273639	
A_24_P277	-2.051124	-1.036415	2.051124	down	0.627151	0.350267	0.501972	-0.634666	-0.350267	-0.644922	CXCL5	chemokine	FALSE	Homo sapi	6374	GO:000800	74861957	chr4	74861898	-	hs 4q13.3	NM_00299	chr4:74861	NM_00299	Hs.89714
A_23_P968	-2.054233	-1.0386	2.054233	down	0.434732	0.456691	0.657757	-0.590671	-0.541216	-0.434732	SLAMF9	SLAM fami	FALSE	Homo sapi	89886	GO:000487	1.6E+08	chr1	1.6E+08	-	hs 1q23.2	NM_03343	chr1:15992	NM_03343	Hs.661712
A_33_P334	-4.071724	-2.02564	4.071724	down	0.882649	0.790226	0.698386	-1.429308	-0.698386	-1.577965	SPEN	spen family	FALSE	Homo sapi	23013	GO:000119	16255167	chr1	16255108	+	hs 1p36.13	NM_01500	chr1:16255	NM_01500	Hs.744843
A_23_P214	-2.395162	-1.260123	2.395162	down	0.613267	0.594928	0.632494	-0.688741	-0.594928	-0.656011	FBN2	fibrillin 2	FALSE	Homo sapi	2201	GO:000551	1.28E+08	chr5	1.28E+08	-	hs 5q23.3	NM_00199	chr5:12759	NM_00199	Hs.519294
A_23_P112	-2.572871	-1.363379	2.572871	down	0.570676	0.592769	0.636311	-0.834123	-0.570676	-0.885583	DNAJB5	Dnaj (Hsp4	FALSE	Homo sapi	25822	GO:000698	34998340	chr9	34998281	+	hs 9p13.3	NM_01226	chr9:34998	NM_01226	Hs.237506
A_32_P767	-2.601141	-1.379144	2.601141	down	0.739555	0.648241	0.577413	-0.698977	-0.895835	-0.577413	NT5DC3	5'-nucleoti	FALSE	Homo sapi	51559	GO:004323	1.04E+08	chr12	1.04E+08	-	hs 12q23.3	NM_00103	chr12:1041	NM_00103	Hs.48428
A_33_P332	-2.383125	-1.252854	2.383125	down	0.464413	0.478998	0.520374	-0.934925	-0.464413	-0.895439	HR	hair growth	FALSE	Homo sapi	55806	GO:001660	21972023	chr8	21971964	-	hs 8p21.3	NM_00514	chr8:21972	NM_00514	Hs.272367
A_21_P001	-2.077777	-1.055041	2.077777	down	0.505037	0.582913	0.369647	-0.690293	-0.369647	-0.647585	LINC01296	long interg	FALSE	Homo sapi	642477		19925300	chr14	19925241	-	hs 14q11.2	NR_122111	chr14:1992	NR_122111	Hs.744284
A_23_P11C	-2.171084	-1.118415	2.171084	down	0.580155	0.589635	0.5316	-0.540459	-0.581798	-0.5316	FST	folliclstatin	FALSE	Homo sapi	10468	GO:000551	52780896	chr5	52780837	+	hs 5q11.2	NM_01340	chr5:52780	NM_01340	Hs.9914
A_23_P118	-2.102929	-1.0724	2.102929	down	0.379904	0.408667	0.439306	-0.828341	-0.379905	-0.781077	CAMK2N1	calcium/ca	FALSE	Homo sapi	55450	GO:003005	20809460	chr1	20809401	-	hs 1p36.12	NM_01858	chr1:20809	NM_01858	Hs.731383
A_21_P001	-2.164073	-1.113749	2.164073	down	0.617726	0.540543	0.431262	-0.715188	-0.431262	-0.605268	BMS1P6	BMS1 pseu	FALSE	Homo sapi	642826		48200409	chr10	48200350	+	hs 10q11.2	NR_02449	chr10:4820	NR_02449	Hs.711898
A_23_P162	-2.227497	-1.155424	2.227497	down	0.3676	0.459615	0.483394	-0.885129	-0.3676	-0.902933	ACTR6	ARP6 actin	FALSE	Homo sapi	64431	GO:000551	1.01E+08	chr12	1.01E+08	+	hs 12q23.1	NM_02249	chr12:1006	NM_02249	Hs.115088
A_22_P00C	-2.095452	-1.067261	2.095452	down	0.503027	0.681859	0.343844	-0.634844	-0.343844	-0.694365			FALSE	Q3AUE7_CHLCH	(Q3AUE7) Glucos:	65220537	chr5	65220478	-	hs 5q12.3		chr5:65220537	65220478		
A_23_P11C	-2.282111	-1.190369	2.282111	down	0.527268	0.590201	0.811057	-0.527268	-0.541204	-0.574108	HERC5	HECT and F	FALSE	Homo sapi	51191	GO:005068	89426948	chr4	89426889	+	hs 4q22.1	NM_01632	chr4:89426	NM_01632	Hs.26663
A_24_P267	-2.092317	-1.065101	2.092317	down	0.300257	0.46363	0.348727	-0.695597	-0.300257	-1.086836	SAMHD1	SAM doma	FALSE	Homo sapi	25939	GO:000551	35533863	chr20	35533804	-	hs 20q11.2	NM_01547	chr20:3553	NM_01547	Hs.580681
A_23_P119	-2.241119	-1.164219	2.241119	down	0.471798	0.501835	0.46963	-0.7107	-0.46963	-0.869063	SLC39A10	solute carri	FALSE	Homo sapi	57181	GO:004687	1.97E+08	chr2	1.97E+08	-	hs 2q32.3	NM_02034	chr12:19660	NM_02034	Hs.650158
A_24_P131	-6.650048	-2.733365	6.650048	down	1.052082	1.052836	1.085473	-1.921111	-1.052082	-2.036509	CD86	CD86 mole	FALSE	Homo sapi	942	GO:000551	1.22E+08	chr3	1.22E+08	+	hs 3q13.33	NM_00688	chr3:12183	NM_00688	Hs.171182
A_33_P322	-2.303274	-1.203686	2.303274	down	0.450765	0.513855	0.528719	-0.856933	-0.450765	-0.810023	COL4A4	collagen, t	FALSE	Homo sapi	1286	GO:002261	2.28E+08	chr2	2.28E+08	-	hs 2q36.3	NM_00009	chr2:22788	NM_00009	Hs.591645
A_24_P857	-2.435974	-1.284499	2.435974	down	0.546613	0.79469	0.46391	-0.564515	-0.1019859	-0.46391	THEMIS2	thymocyte	FALSE	Homo sapi	9473	GO:005085	28212522	chr1	28212463	+	hs 1p35.3	NM_00103	chr1:28212	NM_00103	Hs.10649
A_23_P155	-2.103796	-1.072995	2.103796	down	0.480449	0.51438	0.570964	-0.604068	-0.480449	-0.568675	FMO3	flavin cont	FALSE	Homo sapi	2328	GO:005066	1.71E+08	chr1	1.71E+08	+	hs 1q24.3	NM_00100	chr1:17108	NM_00100	Hs.445350
A_33_P326	-2.050133	-1.035718	2.050133	down	0.339842	0.701212	0.686625	-0.363673	-0.67596	-0.339842	SLC17A5	solute carri	FALSE	Homo sapi	26503	GO:000682	74345187	chr6	74345128	-	hs 6q13	NM_01243	chr6:74345	NM_01243	Hs.597422
A_33_P33C	-2.472605	-1.306032	2.472605	down	0.627212	0.678888	0.604535	-0.604535	-0.701148	-0.70178	SSC5D	scavenger i	FALSE	Homo sapi	284297	GO:200048	56030362	chr19	56030303	+	hs 19q13.4	NM_00114	chr19:5603	NM_00114	Hs.554182
A_24_P385	-2.228438	-1.156033	2.228438	down	0.527419	0.58779	0.48896	-0.624052	-0.48896	-0.750917	PTPRF	protein tyr	FALSE	Homo sapi	5792	GO:001647	44089242	chr1	44089183	+	hs 1p34.2	NM_00284	chr1:44089	NM_00284	Hs.272062
A_23_P13C	-2.301498	-1.202573	2.301498	down	0.613097	0.607237	0.497459	-0.698033	-0.497459	-0.694435	PIEZO2	piezo-type	FALSE	Homo sapi	63895	GO:000838	10671274	chr18	10671215	-	hs 18p11.2	NM_02206	chr18:1067	NM_02206	Hs.436902
A_33_P322	-2.223741	-1.688736	2.223741	down	0.759761	0.79033	0.871907	-0.802719	-1.081729	-0.759761	PCDH18	protocadhe	FALSE	Homo sapi	54510	GO:000588	1.38E+08	chr4	1.38E+08	-	hs 4q28.3	NM_00130	chr4:13845	NM_00130	Hs.591691
A_21_P00C	-2.403798	-1.265315	2.403798	down	0.562126	0.665317	0.649602	-0.707764	-0.562125	-0.649013	SNORA16A	small nucle	FALSE	Homo sapi	692073		28907491	chr1	28907432	-	hs 1p35.3	NR_00303	chr1:28907	NR_00303	Hs.632377
A_23_P34E	-2.386496	-1.254894	2.386496	down	0.517486	0.530433	0.523705	-0.587818	-1.087752	-0.517486	MKL1	megakaryo	FALSE	Homo sapi	57591	GO:000551	40806886	chr22	40806827	-	hs 22q13.1	NM_02083	chr22:4080	NM_02083	Hs.654688
A_23_P161	-2.126462	-1.088455	2.126462	down	0.615804	0.482283	0.443425	-0.443425	-0.819595	-0.460832	MOV10	Mov10 Risi	FALSE	Homo sapi	4343	GO:000551	1.13E+08	chr1	1.13E+08	-	hs 1p13.2	NM_02096	chr1:11324	NM_02096	Hs.514941
A_23_P34S	-3.170637	-1.664773	3.170637	down	0.786272	0.84161	0.868061	-0.883872	-0.786272	-0.828232	CCDC85A	coiled-coil	FALSE	Homo sapi	114800		56612864	chr2	56612805	+	hs 2p16.1	NM_00108	chr2:56612	NM_00108	Hs.117136
A_33_P337	-2.565338	-1.359149	2.565338	down	0.537611	0.743369	0.640901	-0.694176	-0.537611	-0.92378	MKI67	marker of f	FALSE	Homo sapi	4288	GO:000551	1.3E+08	chr10	1.3E+08	-	hs 10q26.2	NM_00241	chr10:1299	NM_00241	Hs.80976
A_21_P00C	-2.10943	-1.076853	2.10943	down	0.444616	0.402645	0.565837	-0.840376	-0.402645	-0.574441	FLJ42351	uncharacte	FALSE	Homo sapi	400999		1.13E+08	chr2	1.13E+08	-	hs 2q13	NR_03387	chr2:11339	NR_03387	Hs.635980
A_21_P00C	-3.985842	-1.994885	3.985842	down	0.894434	0.968341	1.002457	-0.894334	-1.0888	-1.136188	SNORD114	small nucle	FALSE	Homo sapi	767600		1.01E+08	chr14	1.01E+08	+	hs 14q32.3	NR_00321	chr14:1014	NR_00321	
A_21_P00C	-2.605825	-1.38174	2.605825	down	0.506537	0.603664	0.473082	-0.690677	-0.473082	-1.398178			FALSE	PREDICTED: Homo sapiens unchar:	69187201		chr11	69187142	+	hs 11q13.3	XR_252919	chr11:6918	XR_252919		
A_33_P325	-2.005362	-1.003862	2.005362	down	0.455668	0.392924	0.469986	-0.392924	-0.899313	-0.400773	PHLDA3	pleckstrin f	FALSE	Homo sapi	23612	GO:005189	2.01E+08	chr1	2.01E+08	-	hs 1q32.1	NM_01239	chr1:20143	NM_01239	Hs.268557
A_23_P35E	-8.76104	-3.131102	8.76104	down	1.386137	1.588813	1.491231	-1.386137	-1.893703	-1.647286	KCNIP3	Kv channel	FALSE	Homo sapi	30818	GO:000588	96051825	chr2	96051766	+	hs 2q11.1	NM_01343	chr2:96051	NM_01343	Hs.437376
A_33_P344	-2.688851	-1.42699	2.688851	down	0.634328	0.662395	0.702581	-0.768936	-0.634328	-0.878401	Inc-WDR1	Inc-WDR1	FALSE	Homo sapiens mRNA; cDNA DKFZ:	10069830		chr4	10069771	-	hs 4p16.1	AL713660	chr4:10069830	10069830	Hs.618463	
A_24_P34E	-2.763121	-1.466299	2.763121	down	0.720205	0.66163	0.726046	-0.728478	-0.66163	-0.900908	CCNK	cyclin K	FALSE	Homo sapi	8812	GO:000551	99959921	chr14	99959862	+	hs 14q32.2	NM_00109	chr14:9995	NM_00109	Hs.510409
A_32_P10E	-3.084158	-1.624877	3.084158	down	0.568071	0.614547	0.534364	-1.315603	-0.534365	-1.30768	AK4	adenylate l	FALSE	Homo sapi	205	GO:004603	65692691	chr1	65692632	+	hs 1p31.3	NM_00100	chr1:65692	NM_00100	Hs.10862
A_22_P00C	-5.367556	-2.424265	5.367556	down	0.785647	0.979697	0.967763	-1.812218	-0.785647	-1.941825	FAM155A-I	FAM155A-I	FALSE	Homo sapi	1.01E+08		1.08E+08	chr13	1.08E+08	-	hs 13q33.3	NR_04684	chr13:1084	NR_04684	Hs.653972
A_24_P13E	-2.988926	-1.579627	2.988926	down	0.646225	0.842677	0.75999	-0.9843	-0.646225	-0.859467	SLC8A1	solute carri	FALSE	Homo sapi	6546	GO:006040	40657389	chr2	40657330	-	hs 2p22.1	NM_02109	chr2:40657	NM_02109	Hs.468274
A_22_P00C	-2.098	-1.069015	2.098	down	0.471688	0.573945	0.476033	-0.613297	-0.600394	-0.471688	SLC25A29	solute carri	FALSE	Homo sapi	123096	GO:									

A_23_P394	-5.827391	-2.54285	5.827391	down	1.296702	1.286732	1.237279	-1.237279	-1.29665	-1.273907	BST2	bone marr	FALSE	Homo sapi	684	GO:000551	17514113	chr19	17514054	-	hs 19p13.1	NM_00433	chr19:1751	NM_00433	Hs.118110
A_23_P303	-2.029855	-1.021377	2.029855	down	0.419851	0.4005	0.386529	-0.724659	-0.38653	-0.74606	P4HA2	prolyl 4-hy	FALSE	Homo sapi	8974	GO:001622	1.32E+08	chr5	1.32E+08	-	hs 5q31.1	NM_00419	chr5:13152	NM_00419	Hs.519568
A_33_P322	-2.242746	-1.165266	2.242746	down	0.434222	0.44909	0.382873	-0.866824	-0.382874	-0.979916	CD276	CD276 mol	FALSE	Homo sapi	80381	GO:000551	74006850	chr15	74006791	+	hs 15q24.1	NM_00102	chr15:7400	NM_00102	Hs.744915
A_24_P287	-2.783674	-1.47699	2.783674	down	0.786511	0.810503	0.660579	-0.729528	-0.660579	-0.783271	RSAD2	radical S-ac	FALSE	Homo sapi	91543	GO:200055	7037259	chr2	7037200	+	hs 2p25.2	NM_08065	chr2:70372	NM_08065	Hs.17518
A_19_P008	-5.047222	-2.33549	5.047222	down	0.850025	0.943735	0.951019	-1.653747	-0.850025	-1.757918	LOC400958	uncharacter	FALSE	Homo sapi	400958		65129780	chr2	65129721	+	hs 2p21		chr2:6512978	NR_03658	Hs.591565
A_23_P916	-3.805889	-1.928233	3.805889	down	0.993504	0.96169	0.928722	-0.994289	-0.928722	-0.977775	POM121L9	POM121 tr	FALSE	Homo sapi	29774		24661154	chr22	24661095	+	hs 22q11.2	NR_00371	chr22:2466	NR_00371	Hs.534980
A_22_P00C	-2.37155	-1.245831	2.37155	down	0.480251	0.468139	0.449618	-0.449618	-1.411861	-0.478006	NEURL4	neuralized	FALSE	Homo sapi	84461	GO:000551	7220858	chr17	7220799	+	hs 17p13.1	NM_03244	chr17:7220	NM_03244	Hs.654794
A_24_P137	-2.149998	-1.104336	2.149998	down	0.3698	0.276386	0.205318	-0.481421	-0.205318	-1.774765	IFRD1	interferon-	FALSE	Homo sapi	3475	GO:000751	1.12E+08	chr7	1.12E+08	+	hs 7q31.1	NM_00100	chr7:11211	NM_00100	Hs.7879
A_23_P581	-3.107111	-1.635574	3.107111	down	0.861328	0.852777	0.664876	-0.865121	-0.664876	-0.997744	NPY2R	neuropepti	FALSE	Homo sapi	4887	GO:000551	1.56E+08	chr4	1.56E+08	+	hs 4q32.1	NM_00091	chr4:15613	NM_00091	Hs.37125
A_32_P105	-10.12067	-3.339233	10.12067	down	1.631859	1.800231	1.641585	-1.634304	-1.631859	-1.677862	ANXA8L1	annexin A8	FALSE	Homo sapi	728113	GO:000554	47763018	chr10	47762959	+	hs 10q11.2	NM_00109	chr10:4776	NM_00109	Hs.744068
A_24_P304	-3.716236	-1.893842	3.716236	down	1.035294	0.962619	0.669987	-1.295981	-0.669987	-1.047659	IFIT2	interferon-	FALSE	Homo sapi	3433	GO:003209	91066672	chr10	91066613	+	hs 10q23.3	NM_00154	chr10:9106	NM_00154	Hs.437609
A_33_P339	-2.4352	-1.28404	2.4352	down	0.636056	0.610284	0.470671	-0.823684	-0.470671	-0.840753	C17orf96	chromosom	FALSE	Homo sapi	1E+08	GO:004866	36828068	chr17	36828009	-	hs 17q12	NM_00113	chr17:3682	NM_00113	Hs.445574
A_23_P399	-3.726776	-1.897928	3.726776	down	0.801297	0.821951	0.835256	-1.269468	-0.801296	-1.164516	ACTG2	actin, gamr	FALSE	Homo sapi	72	GO:000693	74146759	chr2	74146700	+	hs 2p13.1	NM_00161	chr2:74146	NM_00161	Hs.516105
A_33_P324	-5.149599	-2.36446	5.149599	down	1.527276	0.98266	1.13133	-1.417007	-1.052447	-0.98266	REP15	RAB15 effe	FALSE	Homo sapi	387849	GO:000551	27850385	chr12	27850326	+	hs 12p11.2	NM_00102	chr12:2785	NM_00102	Hs.269836
A_33_P327	-2.095144	-1.067049	2.095144	down	0.363511	0.288602	0.693294	-0.288602	-0.505469	-1.01667	ATXN3	ataxin 3	FALSE	Homo sapi	4287	GO:000551	92529192	chr14	92529133	+	hs 14q32.1	NM_00499	chr14:9252	NM_00499	Hs.532632
A_33_P327	-2.3567	-1.236768	2.3567	down	0.523111	0.598905	0.489736	-0.752379	-0.856437	-0.489736	PGF	placental g	FALSE	Homo sapi	5228	GO:000551	75408599	chr14	75408540	-	hs 14q24.3	NM_00263	chr14:7540	NM_00263	Hs.252820
A_24_P296	-2.071508	-1.050682	2.071508	down	0.371941	0.415904	0.447821	-0.784781	-0.371942	-0.759656	MAP2K3	mitogen-ac	FALSE	Homo sapi	5606	GO:000551	21218523	chr17	21218464	+	hs 17p11.2	NM_14510	chr17:2121	NM_14510	Hs.514012
A_33_P323	-2.138824	-1.096818	2.138824	down	0.434703	0.425201	0.449537	-0.750159	-0.425201	-0.805652	DGKZ	diacylglyce	FALSE	Homo sapi	8525	GO:000485	46402097	chr11	46402038	+	hs 11p11.2	NM_00110	chr11:4640	NM_00110	Hs.502461
A_23_P415	-2.125496	-1.087799	2.125496	down	0.476241	0.47118	0.608523	-0.72602	-0.47118	-0.510255	SGK494	uncharacter	FALSE	Homo sapi	124923	GO:000467	26935213	chr17	26935154	-	hs 17q11.2	NM_00117	chr17:2693	NM_00117	Hs.729077
A_24_P333	-2.155246	-1.107853	2.155246	down	0.442498	0.488887	0.447991	-0.794552	-0.442498	-0.707132	ATP6VOA1	ATPase, H+	FALSE	Homo sapi	535	GO:000828	40674535	chr17	40674476	+	hs 17q21.2	NM_00517	chr17:4067	NM_00517	Hs.463074
A_33_P335	-2.826932	-1.499237	2.826932	down	0.759686	0.776871	0.636386	-0.779642	-0.90874	-0.636386	RASAL2	RAS protei	FALSE	Homo sapi	9462	GO:000551	1.78E+08	chr1	1.78E+08	+	hs 1q25.2	NM_17069	chr1:17844	NM_17069	Hs.496139
A_33_P366	-2.025617	-1.018361	2.025617	down	0.381266	0.456294	0.513317	-0.476898	-0.381266	-0.846041	GPR180	G protein-c	FALSE	Homo sapi	160897	GO:000718	95285319	chr13	95285260	+	hs 13q32.1	NM_18098	chr13:9528	NM_18098	Hs.439363
A_33_P331	-2.302553	-1.203234	2.302553	down	0.484114	0.572309	0.643739	-0.538137	-0.887289	-0.484114	HERC6	HECT and F	FALSE	Homo sapi	55008	GO:000573	89317293	chr4	89317234	+	hs 4q22.1	NM_00116	chr4:89317	NM_00116	Hs.529317
A_33_P331	-2.584244	-1.369742	2.584244	down	0.678679	0.684619	0.636804	-0.636804	-0.744664	-0.727855	AHR	aryl hydroc	FALSE	Homo sapi	196	GO:000551	17382822	chr7	17382763	+	hs 7p21.1	NM_00162	chr7:17382	NM_00162	Hs.171189
A_22_P00C	-2.09022	-1.063655	2.09022	down	0.597859	0.465736	0.435245	-0.634263	-0.435245	-0.622618	PSMD5-AS	PSMD5 ant	FALSE	Homo sapi	253039		1.24E+08	chr9	1.24E+08	+	hs 9q33.2	NR_02440	chr9:12360	NR_02440	Hs.594170
A_33_P326	-2.397583	-1.261581	2.397583	down	0.52422	0.645314	0.600959	-0.679116	-0.52422	-0.810914	RHEBL1	Ras homol	FALSE	Homo sapi	121268	GO:003192	49458528	chr12	49458469	-	hs 12q13.1	NM_00130	chr12:4945	NM_00130	Hs.159013
A_23_P161	-2.737579	-1.452901	2.737579	down	0.565478	0.714229	0.595012	-0.941545	-0.565478	-0.97696	ANKRD1	ankyrin ref	FALSE	Homo sapi	27063	GO:000551	91672621	chr10	92672562	-	hs 10q23.3	NM_01439	chr10:9267	NM_01439	Hs.448589
A_32_P593	-2.688976	-1.427057	2.688976	down	0.475572	0.49688	0.524333	-1.144472	-0.475572	-1.164343	HIVEP3	human imr	FALSE	Homo sapi	59269	GO:000573	42972662	chr1	41972603	-	hs 1p34.2	NM_02450	chr1:41972	NM_02450	Hs.403972
A_23_P571	-2.790644	-1.480598	2.790644	down	0.590224	0.540357	0.552929	-1.131296	-0.540357	-1.086632	SLC2A1	solute carri	FALSE	Homo sapi	6513	GO:000551	43391933	chr1	43391874	+	hs 1p34.2	NM_00651	chr1:43391	NM_00651	Hs.473721
A_33_P331	-2.115291	-1.080856	2.115291	down	0.522924	0.515737	0.463021	-0.463021	-0.776328	-0.501538	OLA	oleoyl-ACP	FALSE	Homo sapi	55301	GO:001629	15104036	chr10	15103977	+	hs 10p13		chr10:15103977	-15104036	
A_21_P001	-2.106715	-1.074995	2.106715	down	0.353571	0.707775	0.556675	-0.353571	-0.48544	-0.767954		double homeobox A pseudogene	FALSE	Homo sapi	16186149		16186208	chr22	16186149	+	hs 22q11.1		chr22:16186208	-16186149	
A_23_P38C	-2.779376	-1.474761	2.779376	down	0.875343	0.748962	0.62062	-0.62062	-0.782655	-0.776082	APOL4	apolipoppro	FALSE	Homo sapi	80832	GO:000662	36585942	chr22	36585883	-	hs 22q12.3	NM_03064	chr22:3658	NM_03064	Hs.115099
A_33_P339	-2.476525	-1.308317	2.476525	down	0.551846	0.649322	0.932253	-0.551846	-0.591299	-0.648385			FALSE	Homo sapi			1.29E+08	chr5	1.29E+08	+	hs 5q23.3		chr5:129477947	-129478006	
A_33_P325	-2.753344	-1.461185	2.753344	down	0.740522	0.638401	0.563113	-0.563113	-1.060648	-0.817756	IMPA2	inositol(my	FALSE	Homo sapi	3613	GO:005283	11999185	chr18	11999126	+	hs 18p11.2	NM_01421	chr18:11999	NM_01421	Hs.743311
A_23_P176	-3.521048	-1.816005	3.521048	down	0.796794	0.790689	0.813579	-1.165652	-0.790689	-1.090612	MX1	MX dynam	FALSE	Homo sapi	4599	GO:000551	42831073	chr21	42831014	+	hs 21q22.3	NM_00246	chr21:4283	NM_00246	Hs.517307
A_33_P34C	-3.124332	-1.643548	3.124332	down	0.842232	0.70313	0.755329	-1.030447	-0.896375	-0.70313	SLC6A9	solute carri	FALSE	Homo sapi	6536	GO:001537	44462221	chr1	44462162	+	hs 1p34.1	NM_20164	chr1:44462	NM_20164	Hs.442590
A_23_P31C	-2.311911	-1.209086	2.311911	down	0.646328	0.523386	0.535111	-0.695848	-0.523386	-0.703199	KIAA1217	KIAA1217	FALSE	Homo sapi	56243	GO:000367	24836518	chr10	24836459	+	hs 10p12.1	NM_01959	chr10:2483	NM_01959	Hs.445885
A_23_P384	-2.319176	-1.213612	2.319176	down	0.678721	0.726312	0.462929	-0.722345	-0.587601	-0.462929	DZIP1L	DAZ intera	FALSE	Homo sapi	199221	GO:004238	1.38E+08	chr3	1.38E+08	+	hs 3q22.3	NM_17354	chr3:13778	NM_17354	Hs.351403
A_23_P383	-2.158718	-1.110175	2.158718	down	0.581703	0.608492	0.508877	-0.560457	-0.508877	-0.562119	CHST15	carbohydr	FALSE	Homo sapi	51363	GO:003020	1.26E+08	chr10	1.26E+08	-	hs 10q26.1	NM_01589	chr10:1257	NM_01589	Hs.287537
A_23_P776	-2.107555	-1.07557	2.107555	down	0.439032	0.466494	0.386236	-0.834704	-0.714008	-0.386236	ZNF821	zinc finger	FALSE	Homo sapi	55565	GO:000635	71893808	chr16	71893749	+	hs 16q22.2	NM_01753	chr16:7189	NM_01753	Hs.744055
A_33_P326	-2.291357	-1.196202	2.291357	down	0.451462	0.622377	0.476733	-0.822363	-0.451462	-0.764211	HAUS5	HAUS augn	FALSE	Homo sapi	23354	GO:005129	36114511	chr19	36114452	+	hs 19q13.1	NM_01530	chr19:3611	NM_01530	Hs.7426
A_33_P334	-7.336971	-2.875185	7.336971	down	1.396485	1.327513	1.359294	-1.604005	-1.327513	-1.610743	HES4	hes family	FALSE	Homo sapi	57801	GO:000635	934404	chr1	934345	-	hs 1p36.3	NM_02117	chr1:93440	NM_02117	Hs.154029
A_23_P652	-4.086388	-2.303826	4.086388	down	0.939333	0.977547	0.961256	-0.939333	-1.334255	-															

A_22_P00C	-2.081965	-1.057946	2.081965	down	0.375201	0.413704	0.61018	-0.803279	-0.596272	-0.375201	Inc-PITPNC	Inc-PITPNC	FALSE	LNCipedia lincRNA (lnc-PITPNC1-1	65241902	chr17	65241843	+	hs 17q24.2	chr17:65241843-65241902					
A_24_P875	-2.301931	-1.202844	2.301931	down	0.601751	0.550934	0.614605	-0.656972	-0.550934	-0.633338	MAP1B	microtubul	FALSE	Homo sapi	4131	GO:000551	71504815	chr5	71504756	+	hs 5q13.2	NM_00590	chr5:71504	NM_00590	Hs.335079
A_32_P128	-2.35564	-1.236119	2.35564	down	0.457469	0.603449	0.564568	-0.824675	-0.457469	-0.800728	USP53	ubiquitin s	FALSE	Homo sapi	54532	GO:000815	1.2E+08	chr4	1.2E+08	+	hs 4q26	NM_01905	chr4:12021	NM_01905	Hs.431081
A_23_P105	-2.178471	-1.123316	2.178471	down	0.754788	0.435275	0.563657	-0.435275	-0.655376	-0.525577	EPSTI1	epithelial s	FALSE	Homo sapi	94240		43528115	chr13	43500538	-	hs 13q14.1	NM_03325	chr13:4352	NM_03325	Hs.546467
A_33_P339	-2.311113	-1.208588	2.311113	down	0.618441	0.447947	0.446017	-0.446017	-1.001363	-0.665978	HLA-B	major histc	FALSE	Homo sapi	3106	GO:0002474	GO:0005886	GO:0005783	GO:0019221	GO:0051087	C XR	246962	XR	246962	Hs.77961
A_23_P962	-2.238809	-1.162732	2.238809	down	0.433213	0.39406	0.486994	-0.768944	-1.010924	-0.39406	REEP4	receptor ac	FALSE	Homo sapi	80346	GO:000801	21995837	chr8	21995778	-	hs 8p21.3	NM_02523	chr8:21995	NM_02523	Hs.289063
A_21_P00C	-2.998326	-1.584157	2.998326	down	0.79643	0.66412	0.72873	-0.914239	-0.66412	-0.984833	PARP9	poly (ADP-)	FALSE	Homo sapi	83666	GO:000551	1.22E+08	chr3	1.22E+08	+	hs 3q21.1	NM_00114	chr3:12225	NM_00114	Hs.518200
A_23_P205	-2.790105	-1.480319	2.790105	down	0.59686	0.695068	0.645734	-0.59686	-1.087926	-0.81851	SLC46A3	solute carri	FALSE	Homo sapi	283537	GO:000815	29278193	chr13	29278134	+	hs 13q12.3	NM_18178	chr13:2927	NM_18178	Hs.117167
A_23_P205	-2.510087	-1.327738	2.510087	down	0.56435	0.626955	0.610493	-0.833371	-0.564349	-0.783694	COL4A2	collagen, ty	FALSE	Homo sapi	1284	GO:000551	1.11E+08	chr13	1.11E+08	+	hs 13q34	NM_00184	chr13:1111	NM_00184	Hs.508716
A_32_P147	-4.316349	-2.109812	4.316349	down	0.967549	1.077011	0.943218	-1.101009	-0.943218	-1.297428	SLC8A1	solute carri	FALSE	Homo sapi	6546	GO:006040	40339484	chr2	40339425	+	hs 2p22.1	NM_02109	chr2:40339	NM_02109	Hs.468274
A_23_P144	-3.038421	-1.603322	3.038421	down	0.711058	0.7204	0.738263	-0.785933	-1.143254	-0.711058	COL7A1	collagen, ty	FALSE	Homo sapi	1294	GO:000551	48602588	chr3	48602401	-	hs 3p21.31	NM_00009	chr3:48602	NM_00009	Hs.476218
A_23_P369	-2.111093	-1.07799	2.111093	down	0.401548	0.648039	0.628646	-0.401548	-0.58938	-0.56481	ZMYND8	zinc finger,	FALSE	zinc finger,	23613	GO:000551	45866354	chr20	45866295	-	hs 20q13.1	AL137703	chr20:45866	45866354	Hs.446240
A_33_P378	-2.032683	-1.023386	2.032683	down	0.669383	0.752917	0.334226	-0.582224	-0.397181	-0.334226	C8orf60	chromosom	FALSE	Homo sapi	619426		1.42E+08	chr8	1.42E+08	+	hs 8q24.3	AK022255	chr8:142182820	142182879	
A_23_P445	-2.090545	-1.063879	2.090545	down	0.750238	0.396044	0.521444	-0.462883	-0.664983	-0.396044	KLF11	Kruppel-lik	FALSE	Homo sapi	8462	GO:004306	10194705	chr2	10194646	+	hs 2p25.1	NM_00359	chr2:10194	NM_00359	Hs.12229
A_23_P118	-2.055543	-1.03952	2.055543	down	0.474552	0.545136	0.477744	-0.528088	-0.618487	-0.474552	RG511	regulator o	FALSE	Homo sapi	8786	GO:003168	318383	chr16	318324	-	hs 16p13.3	NM_00383	chr16:3183	NM_00383	Hs.65756
A_23_P12C	-2.252278	-1.171385	2.252278	down	0.446774	0.440034	0.398294	-0.900163	-0.398294	-0.930595	ATF4	activating t	FALSE	Homo sapi	468	GO:000551	39918636	chr22	39918577	+	hs 22q13.1	NM_00167	chr22:3991	NM_00167	Hs.496487
A_21_P001	-2.426075	-1.278624	2.426075	down	0.59652	0.602546	0.617992	-0.59652	-0.799654	-0.622639	SYNGR2	synaptogyr	FALSE	Homo sapi	9144	GO:003159	76168272	chr17	76168213	+	hs 17q25.3	NM_00471	chr17:7616	NM_00471	Hs.464210
A_23_P408	-2.834328	-1.503007	2.834328	down	0.704034	0.695941	0.675675	-0.871938	-0.675675	-0.885756	CHST2	carbohydr	FALSE	Homo sapi	9435	GO:000580	1.43E+08	chr3	1.43E+08	+	hs 3q24	NM_00426	chr3:14284	NM_00426	Hs.8786
A_21_P00C	-2.845196	-1.508528	2.845196	down	0.940004	0.867187	0.574862	-0.770503	-0.798165	-0.574862	SNORD114	small nucle	FALSE	Homo sapi	767589		1.01E+08	chr14	1.01E+08	+	hs 14q32.3	NR_003204	chr14:1014	NR_003204	
A_23_P401	-5.248901	-2.392016	5.248901	down	1.114499	1.167572	1.05878	-1.273134	-1.05878	-1.503283	EDIL3	EGF-like re	FALSE	Homo sapi	10085	GO:000517	83238522	chr5	83238463	+	hs 5q14.3	NM_00571	chr5:83238	NM_00571	Hs.482730
A_23_P819	-3.094754	-1.629825	3.094754	down	0.782633	0.801847	0.803679	-0.86693	-0.782634	-0.851751	ISG15	ISG15 ubiq	FALSE	Homo sapi	9636	GO:000551	949626	chr1	949567	+	hs 1p36.3	NM_00510	chr1:94956	NM_00510	Hs.458485
A_24_P416	-2.191937	-1.132206	2.191937	down	0.545648	0.518318	0.551027	-0.541138	-0.722169	-0.518318	APOL3	apolipopro	FALSE	Homo sapi	80833	GO:000716	36536995	chr22	36536936	-	hs 22q12.3	NM_14564	chr22:3653	NM_14564	Hs.474737
A_24_P333	-3.671178	-1.876243	3.671178	down	0.812144	1.124669	1.117738	-0.894434	-0.812144	-0.867601	SGIP1	SH3-domai	FALSE	Homo sapi	84251	GO:000551	67209764	chr1	67209705	+	hs 1p31.3	NM_03229	chr1:67209	NM_03229	Hs.132121
A_33_P336	-2.57496	-1.36455	2.57496	down	0.634028	0.935287	0.604307	-0.608549	-0.604307	-0.707173	LBH	limb bud a	FALSE	Homo sapi	81606	GO:001046	30480625	chr2	30480566	+	hs 2p23.1	NM_03091	chr2:30480	NM_03091	Hs.567598
A_21_P00C	-6.708038	-2.745891	6.708038	down	1.180311	1.097143	1.251357	-1.725187	-1.097143	-1.886533	lnc-RPP30-	lnc-RPP30-	FALSE	LNCipedia lincRNA (lnc-RPP30-2),	92750040	chr10	92749981	+	hs 10q23.31	chr10:92749981-92750040					
A_33_P321	-2.0144	-1.01035	2.0144	down	0.300271	0.338639	0.313938	-0.939055	-0.300271	-0.838877	TAP2	transporter	FALSE	Homo sapi	6891	GO:000551	32793281	chr6	32793222	+	hs 6p21.32	NM_00129	chr6:32793	NM_00129	Hs.502
A_33_P331	-2.376982	-1.249131	2.376982	down	0.514494	0.576905	0.489082	-0.936485	-0.489082	-0.741344			FALSE				6830547	chr17	6830488	-	hs 17p13.1	chr17:006830547-006830488			
A_33_P331	-2.003651	-1.002631	2.003651	down	0.447969	0.36672	0.429805	-0.36672	-0.100775	-0.388904	PRKAA1	protein kin	FALSE	Homo sapi	5562	GO:000551	46769578	chr5	40769519	-	hs 5p13.1	NM_20690	chr5:40769	NM_20690	Hs.43322
A_33_P33C	-2.133454	-1.093191	2.133454	down	0.45929	0.541978	0.351971	-0.351971	-1.059239	-0.515124	GGA1	golgi-assoc	FALSE	Homo sapi	26088	GO:000551	38028688	chr22	38028629	+	hs 22q13.1	NM_00117	chr22:3802	NM_00117	Hs.499158
A_24_P393	-2.118341	-1.082935	2.118341	down	0.667385	0.478583	0.527168	-0.578285	-0.478583	-0.518801	DNAJB4	Dnaj (Hsp4	FALSE	Homo sapi	11080	GO:000698	78482092	chr1	78482033	+	hs 1p31.1	NM_00703	chr1:78482	NM_00703	Hs.13852
A_33_P332	-2.62442	-1.391999	2.62442	down	0.664381	0.590481	0.550674	-0.915131	-0.550674	-0.904654			FALSE	Homo sapi	ankyrin repeat domain 20 family, t	14185368	chr18	14185309	+	hs 18p11.2	BC022023	chr18:14185309-14185368		Hs.740188	
A_32_P766	-3.938683	-1.977713	3.938683	down	1.013482	1.121054	0.897993	-0.926248	-0.897993	-1.07637			FALSE	keratin 16 pseudogene 6 [Source:Ensembl]	16722625	chr17	16722566	-	hs 17p11.2	chr17:16722625-16722566					
A_22_P00C	-2.416218	-1.272751	2.416218	down	0.456054	0.398542	0.734597	-0.398542	-0.554765	-1.27575	lnc-FAM49I	lnc-FAM49I	FALSE	LNCipedia lincRNA (lnc-FAM49B-1),	1.31E+08	chr8	1.31E+08	+	hs 8q24.21	chr8:131155765-131155706					
A_22_P00C	-2.222447	-1.152149	2.222447	down	0.378591	0.562879	0.350513	-0.740687	-0.350513	-1.073266	LOC101925	uncharacter	FALSE	Homo sapi	1.02E+08		42158855	chr2	42158796	-	hs 2p21	NR_11026;	chr2:42158	NR_11026;	
A_23_P184	-2.094152	-1.066366	2.094152	down	0.403872	0.386998	0.399745	-0.768463	-0.386998	-0.853023	PPARGC1A	peroxisom	FALSE	Homo sapi	10891	GO:000551	23793996	chr4	23793937	+	hs 4p15.2	NM_01326	chr4:23793	NM_01326	Hs.527078
A_32_P116	-2.386428	-1.254853	2.386428	down	0.532443	0.566273	0.523985	-0.857539	-0.523985	-0.760332	ZNF469	zinc finger	FALSE	Homo sapi	84627	GO:000635	88507146	chr16	88507087	+	hs 16q24.2	NM_00112	chr16:8850	NM_00112	Hs.54925
A_22_P00C	-4.495793	-2.168576	4.495793	down	1.017736	1.080118	1.082818	-1.149974	-1.017736	-1.157346	POM121L1	POM121 tr	FALSE	Homo sapi	25812		22974050	chr22	22974028	+	hs 22q11.2	NR_02459;	chr22:2297	NR_02459;	Hs.367764
A_33_P331	-2.118488	-1.083035	2.118488	down	0.560093	0.538639	0.407345	-0.407345	-0.489393	-0.84629	CDC51	coiled-coil	FALSE	Homo sapi	64770	GO:000581	1.24E+08	chr3	1.24E+08	-	hs 3q21.1	NM_02275	chr3:12363	NM_02275	Hs.645028
A_23_P387	-3.866291	-1.95095	3.866291	down	0.945395	1.051705	0.944912	-1.01806	-0.947866	-0.944912	CDH2	cadherin 2,	FALSE	Homo sapi	1000	GO:000551	25532140	chr18	25532081	-	hs 18q12.1	NM_00179	chr18:2553	NM_00179	Hs.464829
A_33_P321	-3.378369	-1.756327	3.378369	down	0.787708	0.746607	0.787963	-1.115706	-1.08439	-0.746607	IL18R1	interleukin	FALSE	Homo sapi	8809	GO:000551	1.03E+08	chr2	1.03E+08	+	hs 2q12.1	NM_00385	chr2:10298	NM_00385	Hs.469521
A_33_P334	-2.654243	-1.4083	2.654243	down	0.588065	0.746221	0.64032	-0.76698	-0.588065	-0.895251	COR07	coronin 7	FALSE	Homo sapi	79585	GO:000551	4404604	chr16	4404545	-	hs 16p13.3	NM_02453	chr16:4404	NM_02453	Hs.437957
A_21_P00C	-2.020206	-1.014502	2.020206	down	0.718589	0.491821	0.340538	-0.401074	-0.340538	-0.750947	HERC2P7	hect domai	FALSE	Homo sapi	1E+08		23393879	chr15	23393820	+	hs 15q11.2	chr15:2339	NR_03647	Hs.146211	
A_21_P00C	-3.519972	-1.815564	3.519972	down	0.771156	0.930698	0.831067	-1.120418	-0.771156	-1.021388	lnc-RP11-5'	lnc-RP11-5'	FALSE	BC011509	Cox15 protein [Mus musculus]	82393814	chr15	82393755	+	hs 15q25.2	chr15:8239				

A_23_P691	-2.16912	-1.11711	2.16912	down	0.467089	0.474612	0.447824	-0.802914	-0.447824	-0.711067	PLSCR1	phospholip	FALSE	Homo sapi	5359	GO:200037	1.46E+08	chr3	1.46E+08	-	hs 3q24	NM_02110	chr3:14623	NM_02110	hs.130759
A_33_P381	-2.546274	-1.348388	2.546274	down	0.619945	0.725163	0.569899	-0.680259	-0.88	-0.569899			FALSE	Homo sapiens	BPA-1 mRNA for br	65765425	chr1	65765366	+	hs 1p31.3	AB088847	chr1:65765366-65765425			
A_21_P00C	-3.551482	-1.828421	3.551482	down	0.896922	0.868758	0.819935	-0.975668	-0.819935	-1.104046	SNORD114	small nucle	FALSE	Homo sapi	767593		1.01E+08	chr14	1.01E+08	+	hs 14q32.3	NR_003208	chr14:1014	NR_003208	
A_24_P175	-2.111811	-1.078481	2.111811	down	0.439283	0.446435	0.453776	-0.675448	-0.439283	-0.781216	MARS	methionyl-leptin rece	FALSE	Homo sapi	4141	GO:000573	57910432	chr12	57910373	+	hs 12q13.3	NM_00499	chr12:5791	NM_00499	hs.632707
A_24_P231	-4.900963	-2.293065	4.900963	down	1.022726	1.052239	1.007286	-1.393803	-1.007286	-1.395857	LEPR		FALSE	Homo sapi	3953	GO:004572	66100708	chr1	66100649	+	hs 1p31.3	NM_00100	chr1:66100	NM_00100	hs.723178
A_24_P381	-2.544656	-1.347471	2.544656	down	0.868801	0.934812	0.466768	-0.729588	-0.466768	-0.575675	PACIN3	protein kin	FALSE	Homo sapi	29763	GO:000551	47200985	chr11	47200795	-	hs 11p11.2	NM_01622	chr11:4720	NM_01622	hs.334639
A_23_P208	-2.050142	-1.035724	2.050142	down	0.391507	0.639792	0.492393	-0.391507	-0.78242	-0.409553	TLE6	transducin	FALSE	Homo sapi	79816	GO:004323	2994022	chr19	2993527	+	hs 19p13.3	NM_02476	chr19:2993	NM_02476	hs.334507
A_23_P148	-2.098289	-1.096213	2.098289	down	0.426479	0.40868	0.432801	-0.779871	-0.40868	-0.751127	PTGER4	prostaglandi	FALSE	Homo sapi	5734	GO:000551	40693622	chr5	40693563	+	hs 5p13.1	NM_00095	chr5:40693	NM_00095	hs.199248
A_23_P334	-2.10937	-1.076812	2.10937	down	0.469489	0.51537	0.476299	-0.697398	-0.469489	-0.602391	IGF2R	insulin-like	FALSE	Homo sapi	3482	GO:005121	1.61E+08	chr6	1.61E+08	+	hs 6q25.3	NM_00087	chr6:16052	NM_00087	hs.487062
A_23_P347	-2.031658	-1.022658	2.031658	down	0.461178	0.47855	0.560607	-0.542012	-0.461178	-0.564446	KIF2C	kinesin fam	FALSE	Homo sapi	11004	GO:000551	45233125	chr1	45233066	+	hs 1p34.1	NM_00684	chr1:45233	NM_00684	hs.720061
A_33_P327	-4.580609	-2.19554	4.580609	down	0.992322	1.000517	1.00206	-1.295838	-0.992321	-1.303561	FMO2	flavin cont	FALSE	Homo sapi	2327	GO:005066	1.71E+08	chr1	1.71E+08	+	hs 1q24.3	NM_00146	chr1:17117	NM_00146	hs.144912
A_32_P96C	-2.207749	-1.142576	2.207749	down	0.406109	0.542616	0.428993	-0.677966	-0.406109	-0.965935	MEX3A	mex-3 RNA	FALSE	Homo sapi	92312	GO:000093	1.56E+08	chr1	1.56E+08	-	hs 1q22	NM_00109	chr1:15604	NM_00109	hs.591496
A_23_P428	-2.125927	-1.088092	2.125927	down	0.478052	0.557681	0.477277	-0.621066	-0.477277	-0.652923	TTC21A	tetratricop	FALSE	Homo sapi	199223		39180368	chr3	39180309	+	hs 3p22.2	NM_14575	chr3:39180	NM_14575	hs.443935
A_23_P31C	-2.546227	-1.348361	2.546227	down	0.489854	0.553942	0.499925	-0.766258	-0.489854	-1.245249	MDGA1	MAM dom	FALSE	Homo sapi	266727	GO:000367	37600354	chr6	37600295	+	hs 6p21.2	NM_15348	chr6:37600	NM_15348	hs.437993
A_33_P328	-2.126645	-1.068579	2.126645	down	0.505871	0.422919	0.61837	-0.422919	-0.641406	-0.654252	TLN1	talin 1 [Sou	FALSE	Homo sapi	7094	GO:000551	35723457	chr9	35723398	-	hs 9p13.3	BC020881	chr9:35723457-35723458	hs.471014	
A_23_P435	-2.062223	-1.0442	2.062223	down	0.333625	0.428007	0.411586	-0.829934	-0.333625	-0.795823	GPC4	glypican 4	FALSE	Homo sapi	2239	GO:000588	1.32E+08	chrX	1.32E+08	-	hs Xq26.2	NM_00144	chrX:13243	NM_00144	hs.58367
A_22_P00C	-2.424389	-1.277621	2.424389	down	0.746545	0.715258	0.385477	-0.385477	-0.851079	-0.749028			FALSE	Homo sapiens	mRNA; cDNA DKFZ	3905460	chr6	3905401	-	hs 6p25.2	BX647262	chr6:3905460-3905401	hs.407992		
A_33_P325	-2.086503	-1.061087	2.086503	down	0.529422	0.50213	0.527941	-0.50213	-0.580146	-0.541493	ROCK2	Rho-associ	FALSE	Homo sapi	9475	GO:000551	11323535	chr2	11323476	-	hs 2p25.1	NM_00485	chr2:11323	NM_00485	hs.681743
A_33_P335	-2.09391	-1.0662	2.09391	down	0.517916	0.497256	0.444452	-0.530704	-0.444452	-0.76382	EMB	embigin	FALSE	Homo sapi	133418	GO:003005	49694981	chr5	49694922	-	hs 5q11.1	NM_19844	chr5:49694	NM_19844	hs.561411
A_23_P80C	-6.017063	-2.589059	6.017063	down	1.243591	1.05042	1.180995	-1.430832	-1.05042	-1.810921	FER1L4	fer-1-like f	FALSE	Homo sapi	80307	GO:001602	34146579	chr20	34146520	+	hs 20q11.2	NR_119378	chr20:3414	NR_119378	hs.72222
A_33_P331	-2.845431	-1.508647	2.845431	down	0.781259	0.607044	0.639823	-0.750567	-1.140205	-0.607044	MIR17HG	miR-17-92	FALSE	Homo sapi	407975		92002655	chr13	92002596	+	hs 13q31.3	NR_027358	chr13:9200	NR_027358	hs.24115
A_24_P362	-3.530226	-1.81976	3.530226	down	0.798943	0.767449	0.812597	-1.013392	-1.299449	-0.767449	PKFB4	6-phosphoi	FALSE	Homo sapi	5210	GO:000597	48555513	chr3	48555454	-	hs 3p21.31	NM_00456	chr3:48555	NM_00456	hs.476217
A_21_P001	-2.777405	-1.473738	2.777405	down	0.641309	0.778931	0.73971	-0.779646	-0.641309	-0.840308	XLOC_I2_008976		FALSE	BROAD Institute	lincRNA (XLOC_I2	14724906	chr21	14724847	+	hs 21q11.2		chr21:14724847-14724906			
A_33_P341	-2.203909	-1.140065	2.203909	down	0.46046	0.292724	0.670567	-0.292724	-0.443725	-1.259995	DOCK9	dedicator c	FALSE	Homo sapi	23348	GO:000551	99461622	chr13	99461563	+	hs 13q32.3	AK090793	chr13:99461622-99461563		
A_22_P00C	-2.899866	-1.535986	2.899866	down	0.682168	0.787447	0.85046	-0.842514	-0.763203	-0.682168	SNHG23	small nucle	FALSE	Homo sapi	1.01E+08		1.01E+08	chr14	1.01E+08	+	hs 14q32.3	XR_424548	chr14:1014	XR_424548	hs.709410
A_24_P378	-2.718394	-1.442755	2.718394	down	0.691636	0.74183	0.735592	-0.718149	-0.74942	-0.691636	IRF7	interferon	FALSE	Homo sapi	3665	GO:000551	612702	chr11	612643	-	hs 11p15.5	NM_00403	chr11:6127	NM_00403	hs.166120
A_24_P315	-2.78719	-1.478811	2.78719	down	0.712752	0.666972	0.569116	-0.695425	-1.223052	-0.569116	POM121L8	POM121 tr	FALSE	Homo sapi	29797		21637901	chr22	21637842	+	hs 22q11.2	NR_02458	chr22:2163	NR_02458	hs.396963
A_32_P194	-2.81051	-1.490832	2.81051	down	0.752685	0.695041	0.652533	-0.652533	-0.984093	-0.73561	SUN2	Sad1 and U	FALSE	Homo sapi	25777	GO:000551	39132019	chr22	39131960	-	hs 22q13.1	NR_01537	chr22:3913	NR_01537	hs.517622
A_24_P105	-3.010278	-1.589897	3.010278	down	0.75134	0.797905	0.651177	-0.930277	-0.651177	-0.987814	NBEAL1	neurobead	FALSE	Homo sapi	65065		2.04E+08	chr2	2.04E+08	+	hs 2q33.2	NM_00111	chr2:20391	NM_00111	hs.648846
A_33_P342	-2.62731	-1.393586	2.62731	down	1.089545	0.793003	0.549374	-0.549374	-0.574404	-0.625058	TMEM40	transmemt	FALSE	Homo sapi	55287	GO:001602	12775584	chr2	12775525	-	hs 3p25.2	NM_00128	chr3:12775	NM_00128	hs.475502
A_21_P00C	-2.021706	-1.031573	2.021706	down	0.425256	0.442077	0.445431	-0.728203	-0.425256	-0.580496	lnc-PEAK1.1	lnc-PEAK1.1	FALSE	LNCipedia	lincRNA (lnc-PEAK1.1-1)	77657555	chr15	77649433	-	hs 15q24.3		chr15:77657555-77649433			
A_33_P381	-2.668587	-1.416076	2.668587	down	0.652691	0.707198	0.647815	-0.647815	-0.908835	-0.683874	SEMA3F	sema dom	FALSE	Homo sapi	6405	GO:002178	50226015	chr3	50225956	+	hs 3p21.31	NM_00418	chr3:50225	NM_00418	hs.32981
A_33_P325	-2.681646	-1.423119	2.681646	down	0.630035	0.681347	0.625655	-0.857494	-0.625654	-0.849171	HAPLN3	hyaluronan	FALSE	Homo sapi	145864	GO:000150	89420640	chr15	89420581	-	hs 15q26.1	NM_17823	chr15:8942	NM_17823	hs.447350
A_32_P465	-2.05966	-1.042406	2.05966	down	0.551583	0.470901	0.351496	-0.691726	-0.351496	-0.710018	HRDL2	rhubuloid,	FALSE	Homo sapi	54933	GO:000588	39351574	chr1	39351515	-	hs 1p34.3	NM_01782	chr1:39351	NM_01782	hs.524626
A_33_P331	-2.31038	-1.20813	2.31038	down	0.540625	0.567202	0.550521	-0.540625	-0.869519	-0.555899	TAGLN2	transgelin	FALSE	Homo sapi	8407	GO:000551	1.6E+08	chr1	1.6E+08	-	hs 1q23.2	NM_00127	chr1:15988	NM_00127	hs.517168
A_23_P314	-2.94164	-1.556621	2.94164	down	0.617107	0.576519	0.682995	-0.752481	-1.464241	-0.576519	UST	uronyl-2-su	FALSE	Homo sapi	10090	GO:003020	1.49E+08	chr6	1.49E+08	+	hs 6q25.1	NM_00571	chr6:14939	NM_00571	hs.657370
A_23_P156	-2.489782	-1.31602	2.489782	down	0.504323	0.500586	0.493277	-0.930098	-0.493278	-1.026499	METTL21A	methyltran	FALSE	Homo sapi	151194	GO:000551	2.08E+08	chr2	2.08E+08	-	hs 2q33.3	NM_00112	chr2:20847	NM_00112	hs.664764
A_33_P336	-3.949502	-1.981671	3.949502	down	0.997992	0.952337	0.864808	-1.082047	-0.864808	-1.18302	MGP	matrix Gla	FALSE	Homo sapi	4256	GO:003101	15034886	chr12	15034827	-	hs 12p12.3	NM_00119	chr12:1503	NM_00119	hs.365706
A_33_P339	-2.712155	-1.43944	2.712155	down	0.74435	0.757026	0.631019	-0.836859	-0.631019	-0.718047	BRWD1	bromodom	FALSE	Homo sapi	54014	GO:000367	40574389	chr21	40574330	-	hs 21q22.2	NM_01896	chr21:4057	NM_01896	hs.654740
A_24_P316	-2.112899	-1.079224	2.112899	down	0.452101	0.525169	0.469059	-0.452101	-0.709776	-0.629466	NT5E	5'-nucleoti	FALSE	Homo sapi	4907	GO:000588	86181005	chr6	86176992	+	hs 6q14.3	NM_00252	chr6:86176	NM_00252	hs.153952
A_33_P216	-2.161946	-1.112331	2.161946	down	0.445258	0.389356	0.549217	-0.597159	-0.389356	-0.966646	PHF20L1	PHD finger	FALSE	Homo sapi	51105	GO:000551	1.34E+08	chr8	1.34E+08	+	hs 8q24.22	AB101203	chr8:133837383-133837442		
A_23_P677	-2.199588	-1.137233	2.199588	down	0.612825	0.523881	0.565582	-0.523881	-0.596412	-0.589118	BARD1	BRCA1 assc	FALSE	Homo sapi	580	GO:000551	2.16E+08	chr2	2.16E+08	-	hs 2q35	NM_00046	chr2:21559	NM_00046	hs.591642
A_33_P331	-2.113414	-1.079575	2.113414	down	0.463456	0.543444	0.474285	-0.650502	-0.463455	-0.643584	PLOD2	procollagen	FALSE	Homo sapi	5352	GO:000166	1.46E+								

A_33_P384	-2.011365	-1.008175	2.011365	down	0.375873	0.239459	0.445631	-0.970754	-0.239459	-0.753349	B4GALNT1	beta-1,4-N	FALSE	Homo sapi	2583	GO:003017	58020014	chr12	58019955	-	hs 12q13.3	NM_00147	chr12:5802	NM_00147	Hs.159481
A_23_P924	-2.207777	-1.142595	2.207777	down	0.584928	0.558004	0.495939	-0.638255	-0.495939	-0.654719	TLR2	toll-like rec	FALSE	Homo sapi	7097	GO:000551	1.55E+08	chr4	1.55E+08	+	hs 4q31.3	NM_00326	chr4:15462	NM_00326	Hs.519033
A_23_P211	-2.057778	-1.041088	2.057778	down	0.535855	0.466614	0.303432	-0.556299	-0.303432	-0.957663	PAXBP1	PAX3 and F	FALSE	Homo sapi	94104	GO:000107	34131469	chr21	34131410	-	hs 21q22.1	NM_01332	chr21:3413	NM_01332	Hs.644004
A_23_P146	-2.64869	-1.405279	2.64869	down	0.611743	0.531315	0.651996	-0.96501	-0.531315	-0.924459	ASAP1-IT1	ASAP1 intri	FALSE	Homo sapi	29065		1.31E+08	chr8	1.31E+08	-	hs 8q24.21	NR_00276	chr8:13130	NR_00276	Hs.639318
A_23_P691	-3.056921	-1.612079	3.056921	down	0.670176	0.732768	0.68456	-1.034634	-0.670176	-1.043924	P3H2	prolyl 3-hy	FALSE	Homo sapi	55214	GO:003141	1.9E+08	chr3	1.9E+08	+	hs 3q28	NM_01819	chr3:18967	NM_01819	Hs.374191
A_23_P213	-2.043762	-1.031227	2.043762	down	0.255411	0.526598	0.260494	-0.846728	-0.255411	-0.949039	ZGRF1	zinc finger,	FALSE	Homo sapi	55345	GO:000827	1.13E+08	chr4	1.13E+08	-	hs 4q25	NM_01839	chr4:11346	NM_01839	Hs.380346
A_23_P363	-4.639966	-2.214114	4.639966	down	1.035446	1.018358	1.03956	-1.28443	-1.018358	-1.246191	KRT86	keratin 86,	FALSE	Homo sapi	3892	GO:000519	52702897	chr12	52702840	+	hs 12q13.1	NM_00228	chr12:5270	NM_00228	Hs.278658
A_24_P188	-2.235305	-1.160472	2.235305	down	0.602438	0.566569	0.552299	-0.552299	-0.594816	-1.061299	ENDOD1	endonuclei:	FALSE	Homo sapi	23052	GO:000451	94865371	chr11	94865312	+	hs 11q21	NM_01503	chr11:9486	NM_01503	Hs.167115
A_33_P325	-2.002753	-1.001984	2.002753	down	0.422109	0.304401	0.351663	-0.839442	-0.304401	-0.783937	PCDH18	protocadhe	FALSE	Homo sapi	54510	GO:000588	1.38E+08	chr4	1.38E+08	-	hs 4q28.3	NM_01903	chr4:13844	NM_01903	Hs.591691
A_23_P667	-2.061876	-1.043958	2.061876	down	0.301755	0.617328	0.45995	-0.630633	-0.301755	-0.820452	KRT19	keratin 19,	FALSE	Homo sapi	3880	GO:000551	39679977	chr17	39679918	-	hs 17q21.2	NM_00227	chr17:3967	NM_00227	Hs.654568
A_33_P332	-2.360045	-1.238814	2.360045	down	0.750686	0.414589	0.822022	-0.481446	-0.83311	-0.414589	SMG5	SMG5 nons	FALSE	Homo sapi	23381	GO:000551	1.56E+08	chr1	1.56E+08	-	hs 1q22	NM_01532	chr1:15623	NM_01532	Hs.516837
A_22_P00C	-3.047384	-1.607571	3.047384	down	0.787519	0.791256	0.724445	-0.952767	-0.724445	-0.842281	MEG8	maternally	FALSE	maternally	79104		1.01E+08	chr14	1.01E+08	+	hs 14q32.2	XR_42455C	chr14:1013	XR_424550	
A_33_P331	-3.88181	-1.95673	3.88181	down	0.962562	0.931154	0.726808	-1.740321	-0.782536	-0.726808	HMHA1	histocomp:	FALSE	Homo sapi	23526	GO:004354	1086626	chr19	1086567	+	hs 19p13.3	NM_01229	chr19:1086	NM_01229	Hs.465521
A_23_P201	-2.918428	-1.545192	2.918428	down	0.739519	0.761652	0.781673	-0.781996	-0.831216	-0.739519	IFI6	interferon,	FALSE	Homo sapi	2537	GO:000573	27992896	chr1	27992837	-	hs 1p36.11	NM_02287	chr1:27992	NM_02287	Hs.523847
A_22_P00C	-2.266721	-1.180607	2.266721	down	0.672433	0.436709	0.709276	-0.436709	-0.783166	-0.503528	MEG3	maternally	FALSE	Homo sapi	55384		1.01E+08	chr14	1.01E+08	+	hs 14q32.2	NR_03335	chr14:1012	NR_03335	Hs.654863
A_32_P95C	-2.391467	-1.257896	2.391467	down	0.828934	0.762093	0.441771	-0.691687	-0.607431	-0.441771	AK4	adenylate l	FALSE	Homo sapi	205	GO:004603	65694158	chr1	65694099	+	hs 1p31.3	NM_00100	chr1:65694	NM_00100	Hs.10862
A_23_P62E	-2.557864	-1.354939	2.557864	down	0.58086	0.685812	0.669019	-0.78764	-0.58086	-0.760627	MX2	MX dynam	FALSE	Homo sapi	4600	GO:001922	42780560	chr21	42780501	+	hs 21q22.3	NM_00246	chr21:4278	NM_00246	Hs.926
A_23_P13S	-3.985134	-1.994628	3.985134	down	0.961979	1.008832	0.980021	-0.961979	-1.049024	-1.022051	OASL	2'-5'-oligoa	FALSE	Homo sapi	8638	GO:000372	1.21E+08	chr12	1.21E+08	-	hs 12q4.3	NM_00373	chr12:1214	NM_00373	Hs.118633
A_33_P34C	-2.983363	-1.576939	2.983363	down	0.705978	0.728736	0.596332	-1.059225	-0.596332	-1.044215	NR2F1	nuclear rec	FALSE	Homo sapi	7025	GO:000551	92929776	chr5	92929717	+	hs 5q15	NM_00565	chr5:92929	NM_00565	Hs.519445
A_23_P261	-2.325993	-1.217847	2.325993	down	0.710307	0.608529	0.495005	-0.598633	-0.495005	-0.746062	RORA	RAR-relate	FALSE	Homo sapi	6095	GO:000551	60789716	chr15	60789657	-	hs 15q22.2	NM_13426	chr15:6078	NM_13426	Hs.560343
A_21_P00C	-3.574314	-1.837666	3.574314	down	0.997314	0.923581	0.883452	-0.9201	-0.905099	-0.883452	SNORD114	small nucle	FALSE	Homo sapi	767609		1.01E+08	chr14	1.01E+08	+	hs 14q32.3	NR_00322	chr14:1014	NR_00322	Hs.709862
A_33_P338	-2.054773	-1.038979	2.054773	down	0.601222	0.500502	0.502475	-0.503747	-0.500502	-0.508489	TREX1	three prim	FALSE	Homo sapi	11277	GO:003240	48509034	chr3	48508975	+	hs 3p21.31	NM_01638	chr3:48508	NM_01638	Hs.707026
A_33_P34C	-2.441206	-1.287594	2.441206	down	0.821903	0.517053	0.760711	-0.719602	-0.517053	-0.52646	PRR34-AS1	PRR34 anti	FALSE	Homo sapi	150381		46454321	chr22	46454262	+	hs 22q13.3	NR_02703	chr22:4645	NR_02703	Hs.659113
A_33_P321	-2.376993	-1.249138	2.376993	down	0.47408	0.677017	0.555462	-0.935547	-0.47408	-0.631228	DBNL	drebrin-like	FALSE	Homo sapi	28988	GO:000551	44111108	chr7	44111049	+	hs 7p13	AB209486	chr7:44111049	AB209486	
A_24_P69C	-3.692751	-1.884696	3.692751	down	0.907522	0.866368	0.922283	-1.104953	-0.866368	-0.986594	ENC1	ectoderma	FALSE	Homo sapi	8507	GO:001714	739244314	chr5	73924255	-	hs 5q13.3	NM_03063	chr5:73924	NM_03063	Hs.744844
A_33_P32S	-2.106333	-1.074734	2.106333	down	0.554695	0.528708	0.500162	-0.51486	-0.500162	-0.625615	TMEM175	transmemt	FALSE	Homo sapi	84286	GO:001602	952441	chr4	952382	+	hs 4p16.3	NM_00129	chr4:95238	NM_00129	Hs.478936
A_23_P151	-2.252786	-1.17171	2.252786	down	0.444391	0.475002	0.426973	-0.863386	-0.426972	-0.878407	LIMA1	LIM domai	FALSE	Homo sapi	51474	GO:000551	50569850	chr12	50569791	-	hs 12q13.1	NM_01635	chr12:5056	NM_01635	Hs.525419
A_23_P211	-2.213655	-1.14643	2.213655	down	0.378214	0.449257	0.495632	-0.851028	-0.378214	-0.886946	COL18A1	collagen, t	FALSE	Homo sapi	80781	GO:000551	46933617	chr21	46933558	+	hs 21q22.3	NR_03058	chr21:4693	NR_03058	Hs.517356
A_33_P324	-2.63184	-1.396072	2.63184	down	0.644121	0.626663	0.725398	-0.626663	-0.869638	-0.695733	ZEB2	zinc finger	FALSE	Homo sapi	9839	GO:002184	1.45E+08	chr2	1.45E+08	-	hs 2q22.3	NM_01479	chr2:14518	NM_01479	Hs.34871
A_19_P003	-3.042016	-1.605028	3.042016	down	0.637268	0.707575	0.787078	-0.637268	-1.333012	-0.712884	ZSWIM6	zinc finger,	FALSE	Homo sapi	57688	GO:004881	60768799	chr5	60768740	+	hs 5q12.1	NM_02092	chr5:60768	NM_02092	Hs.744939
A_24_P307	-2.021672	-1.012191	2.021672	down	0.742424	0.354169	0.742967	-0.345169	-0.483221	-0.395823	INC	glyceraldehyde 3 phosphate dehy	FALSE	Homo sapi	8825	GO:000551	81191501	chr12	81191442	-	hs 1p12	chr1:120139395	chr12:120139336		
A_23_P314	-26.63742	-4.735383	26.63742	down	2.395254	2.394649	2.348026	-2.348025	-2.370881	-2.349313	SUSD2	sushi doma	FALSE	Homo sapi	56241	GO:000551	24585037	chr22	24584978	+	hs 22q11.2	NM_01960	chr22:2458	NM_01960	Hs.131819
A_21_P00C	-6.856596	-2.777493	6.856596	down	1.130357	1.099072	1.151758	-1.933758	-1.099072	-1.918462	INC-SUPT3H	Inc-SUPT3H	FALSE	Homo sapiens	cDNA clone IMAGE:45539917	chr6	45539858		45539858	-	hs 6p21.1	chr6:45539917	chr6:45539917	Hs.714205	
A_23_P992	-2.075272	-1.0533	2.075272	down	0.655334	0.726855	0.251285	-0.251285	-0.36885	-0.906292	LIN7A	lin-7 homo	FALSE	Homo sapi	8825	GO:000551	81191501	chr12	81191442	-	hs 12q21.3	NM_00466	chr12:8119	NM_00466	Hs.144333
A_22_P00C	-2.21011	-1.144118	2.21011	down	0.420504	0.681005	0.456196	-0.420504	-0.792453	-0.661694	FAM110A	family with	FALSE	Homo sapi	83541	GO:000551	826379	chr20	826320	+	hs 20p13	NM_00128	chr20:8263	NM_00128	Hs.574822
A_33_P321	-8.049391	-3.00888	8.049391	down	1.451937	1.441496	1.468622	-1.441496	-1.563994	-1.659095	RIMS1	regulating	FALSE	Homo sapi	22999	GO:000551	73112480	chr6	73112421	+	hs 6q13	NM_01498	chr6:73112	NM_01498	Hs.485729
A_33_P338	-2.122572	-1.085813	2.122572	down	0.554412	0.36891	0.406768	-0.625103	-0.933337	-0.36891	ABLIM1	actin bindi	FALSE	Homo sapi	3983	GO:000551	1.16E+08	chr10	1.16E+08	-	hs 10q25.3	NM_00100	chr10:1161	NM_00100	Hs.438236
A_23_P133	-2.18915	-1.130371	2.18915	down	0.446428	0.697722	0.413431	-0.637483	-0.413431	-0.782618	MCTP1	multiple C2	FALSE	Homo sapi	79772	GO:000554	94042412	chr5	94042353	-	hs 5q15	NM_02471	chr5:94042	NM_02471	Hs.655087
A_23_P772	-4.404722	-2.139051	4.404722	down	1.141033	0.101498	1.144557	-1.017646	-1.01498	-1.083957	HAPLN1	hyaluronan	FALSE	Homo sapi	1404	GO:003101	82937382	chr5	82937323	-	hs 5q14.3	NM_00188	chr5:82937	NM_00188	Hs.2799
A_23_P47E	-2.038707	-1.027655	2.038707	down	0.379909	0.42974	0.314931	-0.856718	-0.314931	-0.786735	PHLDA2	pleckstrin l	FALSE	Homo sapi	7262	GO:004599	2949755	chr11	2949696	-	hs 11p15.4	NM_00331	chr11:2949	NM_00331	Hs.154036
A_33_P337	-4.595448	-2.062605	4.595448	down	1.016594	0.153191	1.020511	-1.194606	-1.016593	-1.320722	FBXO32	F-box prote	FALSE	Homo sapi	114907	GO:000551	1.25E+08	chr8	1.25E+08	-	hs 8q24.13	NM_05822	chr8:12451	NM_05822	Hs.403933
A_33_P333	-2.765852	-1.467724	2.765852	down	0.769923	0.823627	0.528877	-0.962002	-0.789866	-0.528877	MGA	MGA, MAX	FALSE	Homo sapi	23269	GO:000566	42021447	chr15	42021388	+	hs 15q15.1	NM_00108	chr15:4202	NM_00108	Hs.187569
A_33_P341	-2.529526	-1.338867	2.529526	down	0.658817	0.670024	0.641783	-0.705093	-0.641783	-															

A_33_P328	-5.380405	-2.427715	5.380405	down	1.066016	1.095375	1.044191	-1.192438	-1.044191	-1.840933	B3GALT2	UDP-Gal:be	FALSE	Homo sapi	8707	GO:000931	1.93E+08	chr1	1.93E+08	hs 1q31.2	NM_00378	chr1:19314	NM_00378	Hs.518834
A_23_P132	-2.554455	-1.353015	2.554455	down	0.639275	0.645934	0.638622	-0.754622	-0.741972	-0.638622	USP18	ubiquitin s	FALSE	Homo sapi	11274	GO:000551	1.8659677	chr22	1.8659618	hs 22q11.2	NM_01741	chr22:1865	NM_01741	Hs.38260
A_23_P977	-2.171849	-1.118924	2.171849	down	0.453487	0.451234	0.435694	-0.781721	-0.435695	-0.798941	TXNIP	thioredoxir	FALSE	Homo sapi	10628	GO:000551	1.45E+08	chr1	1.45E+08	hs 1q21.1	NM_00647	chr1:14544	NM_00647	Hs.709057
A_23_P927	-4.036809	-2.013215	4.036809	down	0.71256	0.90393	0.847615	-1.2015	-0.71256	-1.66148	HSPB3	heat shock	FALSE	Homo sapi	8988	GO:000698	53752143	chr5	53752084	hs 5q11.2	NM_00630	chr5:53752	NM_00630	Hs.41707
A_23_P132	-2.528947	-1.338537	2.528947	down	0.601147	0.669788	0.645986	-0.755667	-0.601148	-0.741874	GGA1	golgi-assoc	FALSE	Homo sapi	26088	GO:000551	38029539	chr22	38029480	hs 22q13.1	NM_00100	chr22:3802	NM_00100	Hs.499158
A_24_P366	-2.895091	-1.533608	2.895091	down	0.587352	0.663555	0.662735	-1.065094	-0.587353	-1.034737	SYNGR2	synaptogyr	FALSE	Homo sapi	9144	GO:003159	76168805	chr17	76168747	hs 17q25.3	BC105992	chr17:76168747	76168166	Hs.464210
A_23_P321	-2.213931	-1.14661	2.213931	down	0.467912	0.471256	0.468607	-0.688242	-0.467912	-0.875901	PDZD8	PDZ domai	FALSE	Homo sapi	118987	GO:003555	1.19E+08	chr10	1.19E+08	hs 10q25.3	NM_17379	chr10:1190	NM_17379	Hs.501149
A_23_P705	-2.009767	-1.007028	2.009767	down	0.458313	0.555942	0.47418	-0.526955	-0.547383	-0.458313	SLC39A7	solute carri	FALSE	Homo sapi	7922	GO:000551	33171859	chr6	33171800	hs 6p21.3	BM00697	chr6:33171	NM_00697	Hs.631995
A_33_P331	-2.064665	-1.045908	2.064665	down	0.447598	0.463798	0.420298	-0.695919	-0.420298	-0.689813	CFH	complemei	FALSE	Homo sapi	3075	GO:000695	1.97E+08	chr1	1.97E+08	hs 1q31.3	NM_00101	chr1:19665	NM_00101	Hs.363396
A_33_P328	-3.806819	-1.928586	3.806819	down	0.807792	0.903016	0.931539	-1.161442	-0.807792	-1.174178	FMO6P	flavin cont	FALSE	Homo sapi	388714	GO:000551	1.71E+08	chr1	1.71E+08	hs 1q24.3	NR_00260	chr1:17113	NR_00260	Hs.448988
A_33_P33C	-2.252086	-1.171262	2.252086	down	0.600992	0.222169	0.397014	-0.818228	-0.222169	-1.253213	ATF6B	activating t	FALSE	Homo sapi	1388	GO:000551	32083106	chr6	32083047	hs 6p21.3	NM_00438	chr6:32083	NM_00438	Hs.42853
A_24_P254	-2.555253	-1.353466	2.555253	down	0.575714	0.607984	0.666854	-0.785284	-0.575714	-0.848849	ARHGEF9	Cdc42 guar	FALSE	Homo sapi	23229	GO:005105	62855397	chrX	62855338	hs Xq11.1	NM_01518	chrX:62855	NM_01518	Hs.54697
A_21_P00C	-8.195024	-3.034748	8.195024	down	1.176517	1.162332	1.408042	-2.007236	-1.162332	-2.187785	lnc-HMCN1	lnc-HMCN1	FALSE	LNCipedia	lincRNA (lnc-HMCN1-2),	1.86E+08	chr1	1.86E+08	hs 1q25.3		chr1:185532449	185590104		
A_33_P328	-3.260146	-1.704937	3.260146	down	0.832346	0.800893	0.799504	-0.799503	-1.060864	-0.821701	IFIT3	interferon-	FALSE	Homo sapi	3437	GO:000551	91099821	chr10	91099762	hs 10q23.3	NM_00128	chr10:9109	NM_00128	Hs.744072
A_24_P261	-2.159043	-1.110392	2.159043	down	0.504562	0.463524	0.396404	-0.759019	-0.396404	-0.811263	PFKFB3	6-phosphol	FALSE	Homo sapi	5209	GO:000597	6277121	chr10	6277062	hs 10p15.1	NM_00456	chr10:6277	NM_00456	Hs.195471
A_24_P298	-2.287126	-1.193536	2.287126	down	0.510056	0.509004	0.555499	-0.647819	-0.509004	-0.849225	AXIN2	axin 2	FALSE	Homo sapi	8313	GO:000551	63554447	chr17	63554388	hs 17q24.1	NM_00465	chr17:6355	NM_00465	Hs.156527
A_23_P99E	-2.058267	-1.041431	2.058267	down	0.536414	0.499627	0.481505	-0.51898	-0.481505	-0.606261	G2E3	G2/M-phas	FALSE	Homo sapi	55632	GO:000020	31084745	chr14	31084686	hs 14q12	NM_01776	chr14:3108	NM_01776	Hs.509008
A_33_P32S	-2.816038	-1.493667	2.816038	down	0.527506	0.8997	0.806794	-0.527506	-0.600439	-1.119056	CEP55	centrosomi	FALSE	Homo sapi	55165	GO:000551	95279537	chr10	95279478	hs 10q23.3	NM_01813	chr10:9527	NM_01813	Hs.14559
A_33_P34C	-4.114944	-2.040873	4.114944	down	0.901011	0.939746	0.872148	-1.222047	-0.872148	-1.315518	CMKP2	cytidine me	FALSE	Homo sapi	129607	GO:000412	6988526	chr2	6988467	hs 2p25.2	NM_20731	chr2:69885	NM_20731	Hs.7155
A_23_P527	-3.167011	-1.663122	3.167011	down	0.805432	0.812923	0.878842	-0.857339	-0.829397	-0.805432	MMP7	matrix met	FALSE	Homo sapi	4316	GO:000278	1.02E+08	chr11	1.02E+08	hs 11q22.2	NM_00242	chr11:1023	NM_00242	Hs.2256
A_21_P00C	-2.090261	-1.063683	2.090261	down	0.44725	0.552596	0.481068	-0.602414	-0.44725	-0.660471	PEAK1	pseudopod	FALSE	Homo sapi	79834	GO:000551	77657560	chr15	77544868	hs 15q24.3		chr15:77657560	77544868	
A_33_P321	-2.437749	-1.28555	2.437749	down	0.476476	0.624477	0.538082	-0.858321	-0.476476	-0.882817	CDH2	cadherin 2,	FALSE	Homo sapi	1000	GO:000551	25530995	chr18	25530936	hs 18q12.1	NM_00179	chr18:2553	NM_00179	Hs.464829
A_33_P33S	-2.057185	-1.040672	2.057185	down	0.443459	0.44329	0.386239	-0.641188	-0.386239	-0.821601	NOG	noggin	FALSE	Homo sapi	9241	GO:000551	54672515	chr17	54672456	hs 17q22	NM_00545	chr17:5467	NM_00545	Hs.248201
A_22_P00C	-2.1296	-1.090582	2.1296	down	0.495761	0.49927	0.454367	-0.604814	-0.454367	-0.763168			FALSE						20878792	hs 2p24.1		chr2:20878792	20878851	
A_23_P103	-2.121906	-1.085361	2.121906	down	0.499266	0.514646	0.466881	-0.608829	-0.466881	-0.69958	CFHR3	complemei	FALSE	Homo sapi	10878	GO:007256	1.97E+08	chr1	1.97E+08	hs 1q31.3	NM_02102	chr1:19674	NM_02102	Hs.709217
A_23_P84S	-2.368804	-1.244159	2.368804	down	0.317467	0.518241	0.527875	-0.95148	-0.317467	-1.099946	LFNG	LFNG O-fuc	FALSE	Homo sapi	3955	GO:004574	2568030	chr7	2567971	hs 7p22.3	NM_00104	chr7:25679	NM_00104	Hs.159142
A_23_P374	-3.221953	-1.687935	3.221953	down	0.779651	0.958962	0.793059	-0.875532	-0.779651	-0.876953	ADAM19	ADAM met	FALSE	Homo sapi	8728	GO:000750	1.57E+08	chr5	1.57E+08	hs 5q33.3	NM_03327	chr5:15690	NM_03327	Hs.483944
A_24_P212	-2.300036	-1.201656	2.300036	down	0.560844	0.545053	0.402186	-0.944817	-0.749883	-0.402186	MCTP1	multiple C2	FALSE	Homo sapi	79772	GO:000554	94208929	chr5	94208870	hs 5q15	NM_02471	chr5:94208	NM_02471	Hs.655087
A_23_P38S	-2.548909	-1.34988	2.548909	down	0.895124	0.603875	0.611133	-0.603875	-0.631946	-0.703687	DEPDC7	DEP domai	FALSE	Homo sapi	91614	GO:005105	33054883	chr11	33054824	hs 11p13	NM_13916	chr11:3305	NM_13916	Hs.280990
A_33_P324	-2.090266	-1.063687	2.090266	down	0.428518	0.482712	0.411263	-0.663038	-0.411263	-0.794265	AFF1	AF4/FMR2	FALSE	Homo sapi	4299	GO:000551	88036450	chr4	88036391	hs 4q22.1	NM_00593	chr4:88036	NM_00593	Hs.480190
A_24_P20E	-2.056581	-1.040248	2.056581	down	0.446972	0.534682	0.561725	-0.537658	-0.592735	-0.446972	CRYAB	crystallin, a	FALSE	Homo sapi	1410	GO:000551	1.12E+08	chr11	1.12E+08	hs 11q23.1	NM_00188	chr11:1117	NM_00188	Hs.53454
A_23_P394	-2.40203	-1.264254	2.40203	down	0.517966	0.737307	0.451182	-0.967728	-0.451182	-0.667397	DPY19L1	dpy-19-like	FALSE	Homo sapi	23333	GO:000003	34971230	chr7	34971171	hs 7p14.3	NM_01528	chr7:34971	NM_01528	Hs.408623
A_23_P502	-2.679194	-1.421799	2.679194	down	0.661458	0.701668	0.648688	-0.680239	-0.924658	-0.648688	RASAL2	RAS protei	FALSE	Homo sapi	9462	GO:000551	1.78E+08	chr1	1.78E+08	hs 1q25.2	NM_17069	chr1:17844	NM_17069	Hs.496139
A_33_P323	-2.417659	-1.237611	2.417659	down	0.541407	0.616538	0.4083	-1.043207	-0.4083	-0.80308	KIF14	kinesin farr	FALSE	Homo sapi	9928	GO:000801	2.01E+08	chr1	2.01E+08	hs 1q32.1	NM_01487	chr1:20052	NM_01487	Hs.3104
A_33_P33C	-4.481306	-2.163919	4.481306	down	1.083493	1.072535	1.056488	-1.065795	-1.156961	-1.056487	LEPR	leptin recej	FALSE	Homo sapi	3953	GO:004572	66088663	chr1	66088604	hs 1p31.3	NM_00119	chr1:66088	NM_00119	Hs.723178
A_23_P431	-2.494543	-1.318775	2.494543	down	0.506086	0.532809	0.530548	-1.020803	-0.506086	-0.859995	ZHX1	zinc fingers	FALSE	Homo sapi	11244	GO:000551	1.24E+08	chr8	1.24E+08	hs 8q24.13	NM_00101	chr8:12426	NM_00101	Hs.521800
A_33_P321	-2.409188	-1.268547	2.409188	down	0.512146	0.566717	0.498932	-0.817233	-0.498932	-0.911682	GALNT1	polypeptidi	FALSE	Homo sapi	2589	GO:004847	33290012	chr18	33289953	hs 18q12.2	NM_02047	chr18:3328	NM_02047	Hs.514806
A_21_P00C	-7.139368	-2.835796	7.139368	down	1.078069	1.10838	1.102142	-2.044347	-1.078069	-2.096381	lnc-SOX6-1	lnc-SOX6-1	FALSE	LNCipedia	lincRNA (lnc-SOX6-1), lii	15932586	chr11	15932527	hs 11p15.2		chr11:15932586	15932527		
A_23_P15C	-3.615955	-1.854377	3.615955	down	0.883764	0.961873	0.903262	-0.984572	-0.883763	-0.945896	IGF2	insulin-like	FALSE	Homo sapi	3481	GO:000551	2150453	chr11	2150394	hs 11p15.5	NM_00061	chr11:2150	NM_00061	Hs.272259
A_33_P33E	-2.608058	-1.382976	2.608058	down	0.594263	0.712886	0.597606	-0.594263	-0.861291	-0.788618	SLCO1B3	solute carri	FALSE	Homo sapi	28234	GO:001632	21036535	chr12	21036476	hs 12p12.2	NM_01984	chr12:2103	NM_01984	Hs.504966
A_22_P00C	-7.337519	-2.875292	7.337519	down	1.199724	1.090615	1.093234	-1.979084	-1.090615	-2.172604	lnc-TCL1B-1	lnc-TCL1B-1	FALSE	LNCipedia	lincRNA (lnc-TCL1B-2), l	96178179	chr14	96178120	hs 14q32.13		chr14:96178120	96178179		
A_24_P36S	-2.163139	-1.113126	2.163139	down	0.379705	0.250007	0.653069	-0.974895	-0.250007	-0.831696	COL8A2	collagen, t	FALSE	Homo sapi	1296	GO:000558	36560922	chr1	36560863	hs 1p34.3	NM_00520	chr1:36560	NM_00520	Hs.353001
A_23_P22E	-2.644454	-1.402927	2.644454	down	0.66883	0.706483	0.601756	-0.871504	-0.601756	-0.758579	TSPY3	testis speci	FALSE	Homo sapi	728137	GO:000750	9237850	chrY	9237685	hs Yp11.2	NM_00107	chrY:92376	NM_00107	Hs.556121
A_33_P32E	-2.191868	-1.132161	2.19																					

A_33_P321	-2.239054	-1.162889	2.239054	down	0.661773	0.508172	0.491553	-0.659768	-0.491553	-0.675849	SIRPB1	signal-regu	FALSE	PREDICTED	10326	GO:000551	1558942	chr20	1558883	-	hs 20p13	XM_006711	chr20:1558	XM_006710250	
A_23_P58C	-2.293891	-1.197797	2.293891	down	0.582374	0.560781	0.582273	-0.571059	-0.736124	-0.560781	CCDC80	coiled-coil	FALSE	Homo sapi	151887	GO:003019	1.12E+08	chr3	1.12E+08	-	hs 3q13.2	NM_19951	chr3:11232	NM_19951	Hs.477128
A_21_P00C	-7.375783	-2.882796	7.375783	down	1.625128	1.12424	1.676808	-1.61026	-1.12424	-1.487712	lnc-HNF1A-	lnc-HNF1A-	FALSE	LNCipedia	lincRNA (lnc-HNF1A-1),	1.21E+08	chr12	1.21E+08	+	hs 12q24.31		chr12:121343059-121343118			
A_23_P151	-2.087519	-1.061789	2.087519	down	0.399617	0.548516	0.442685	-0.422124	-0.972808	-0.399617	PITPNM1	phosphatid	FALSE	Homo sapi	9600	GO:000581	67261724	chr11	67261492	-	hs 11q13.2	NM_00491	chr11:6726	NM_00491	Hs.372295
A_33_P332	-2.008939	-1.006434	2.008939	down	0.453926	0.411367	0.379485	-0.70268	-0.379485	-0.692358	PLCE1-AS1	PLCE1 anti	FALSE	Homo sapi	1E+08		96039115	chr10	96039056	-	hs 10q23.3	NR_033961	chr10:9603	NR_033961	Hs.677562
A_33_P32f	-2.107076	-1.075243	2.107076	down	0.419165	0.433851	0.435232	-0.738153	-0.419165	-0.780163	TMUB1	transmemt	FALSE	Homo sapi	83590	GO:000573	1.51E+08	chr7	1.51E+08	-	hs 7q36.1	NM_03143	chr7:15077	NM_03143	Hs.726215
A_23_P30f	-3.376453	-1.755509	3.376453	down	0.845676	0.880066	0.807206	-0.995224	-0.807206	-0.931148	GALNT1	polypeptidi	FALSE	Homo sapi	2589	GO:004847	33291379	chr18	33291320	+	hs 18q12.2	NM_02047	chr18:3329	NM_02047	Hs.514806
A_23_P355	-2.42214	-1.276282	2.42214	down	0.517052	0.59696	0.554071	-0.80646	-0.517052	-0.837253	USP54	ubiquitin s	FALSE	Homo sapi	159195	GO:000551	75257445	chr10	75257386	-	hs 10q22.2	NM_15258	chr10:7525	NM_15258	Hs.657355
A_23_P10f	-2.471805	-1.305565	2.471805	down	0.588427	0.682422	0.641892	-0.588427	-0.769568	-0.645958	RPL23AP32	ribosomal	FALSE	Homo sapi	56969		54756427	chr2	54756368	+	hs 2p16.2	NR_002221	chr2:54756	NR_002221	Hs.657366
A_33_P331	-2.110123	-1.077327	2.110123	down	0.508762	0.592186	0.564316	-0.519929	-0.508762	-0.538026	ITIH3	inter-alpha	FALSE	Homo sapi	3699	GO:001095	52842697	chr3	52842638	+	hs 3p21.1	NM_00221	chr3:52842	NM_00221	Hs.76716
A_32_P20f	-2.143031	-1.099653	2.143031	down	0.406648	0.433227	0.475757	-0.760837	-0.406648	-0.815841	DNAH2	dynein, axc	FALSE	Homo sapi	146754	GO:000153	7736989	chr17	7736930	+	hs 17p13.1	NM_02087	chr17:7736	NM_02087	Hs.367649
A_23_P997	-2.161664	-1.112142	2.161664	down	0.589813	0.591754	0.472854	-0.55441	-0.654741	-0.472854	CDKL1	cyclin-depe	FALSE	Homo sapi	8814	GO:000750	50805745	chr14	50805686	-	hs 14q21.3	NM_00419	chr14:5080	NM_00419	Hs.679430
A_23_P21f	-2.539453	-1.344518	2.539453	down	0.661305	0.668557	0.65971	-0.65971	-0.685299	-0.698971	SLC38A2	solute carri	FALSE	Homo sapi	54407	GO:001517	46754684	chr12	46754625	-	hs 12q13.1	NM_01897	chr12:4675	NM_01897	Hs.221847
A_23_P487	-12.61247	-3.656779	12.61247	down	1.803609	1.841322	1.676031	-2.061627	-1.676031	-1.911718	DIO2	deiodinase	FALSE	Homo sapi	1734	GO:000588	80664399	chr14	80664340	-	hs 14q31.1	NM_01398	chr14:8066	NM_01398	Hs.202354
A_22_P00C	-2.504801	-1.324696	2.504801	down	0.56813	0.654378	0.586425	-0.837321	-0.759705	-0.56813	lnc-ZC3H12	lnc-ZC3H12	FALSE	RST31404	Athersys	RAGE Library	1.49E+08	chr6	1.49E+08	-	hs 6q25.1	BG211832	chr6:149348895-14934	Hs.659484	