**SUUPLEMENTARY MATERIAL**

**Figure S1**. No significant difference was found in gut flora between two groups (V2A and V2B respectively represent the subjects randomized to placebo and acarbose group) at the baseline of stage 1. The genera profiles were normalized, and PCA was conducted to compare the microbiota in these samples.

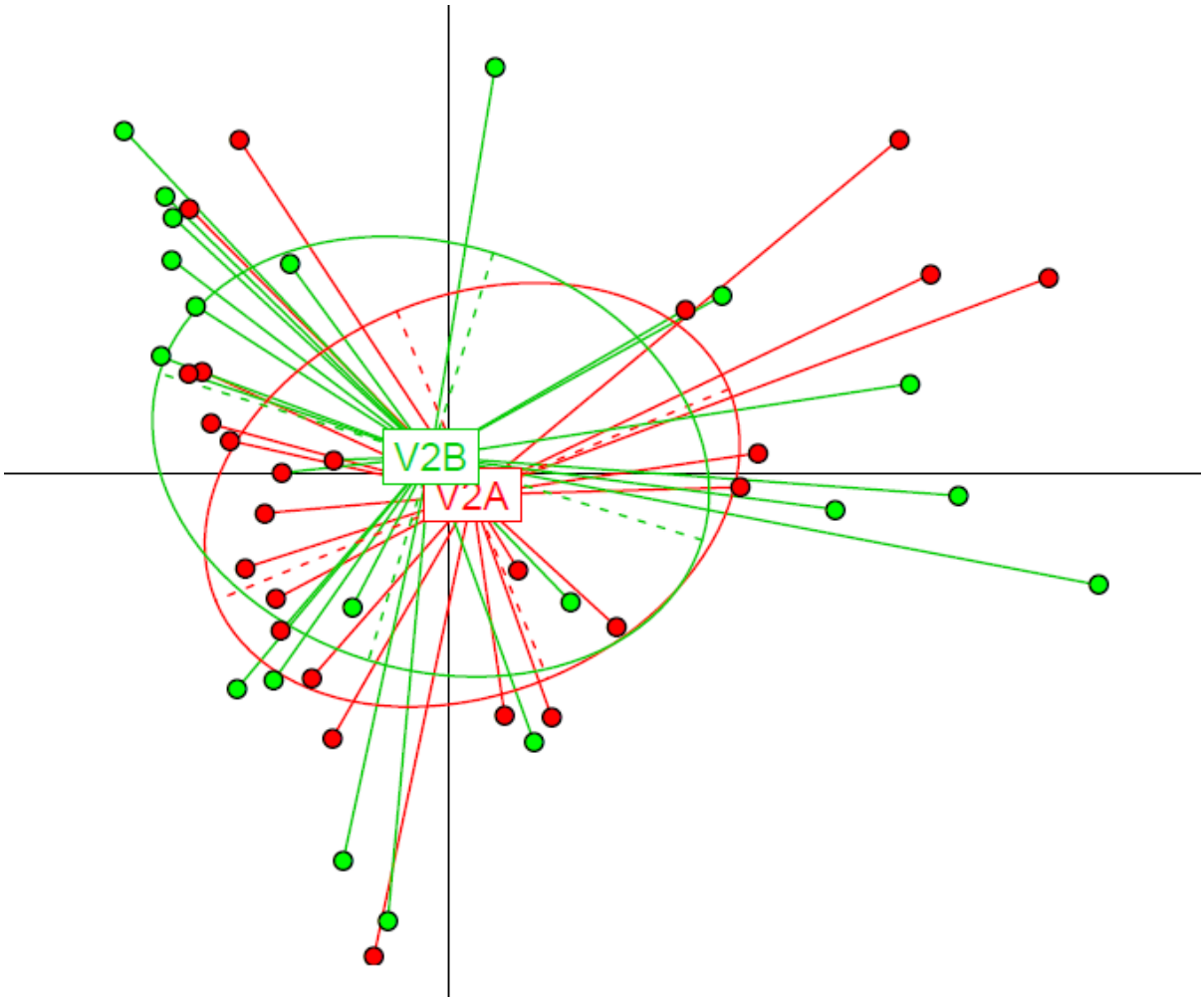


**Figure S2**. The correlations between acarbose-mediated changes in gut microbiota (OUT) and physiological indices based on the Spearman method.

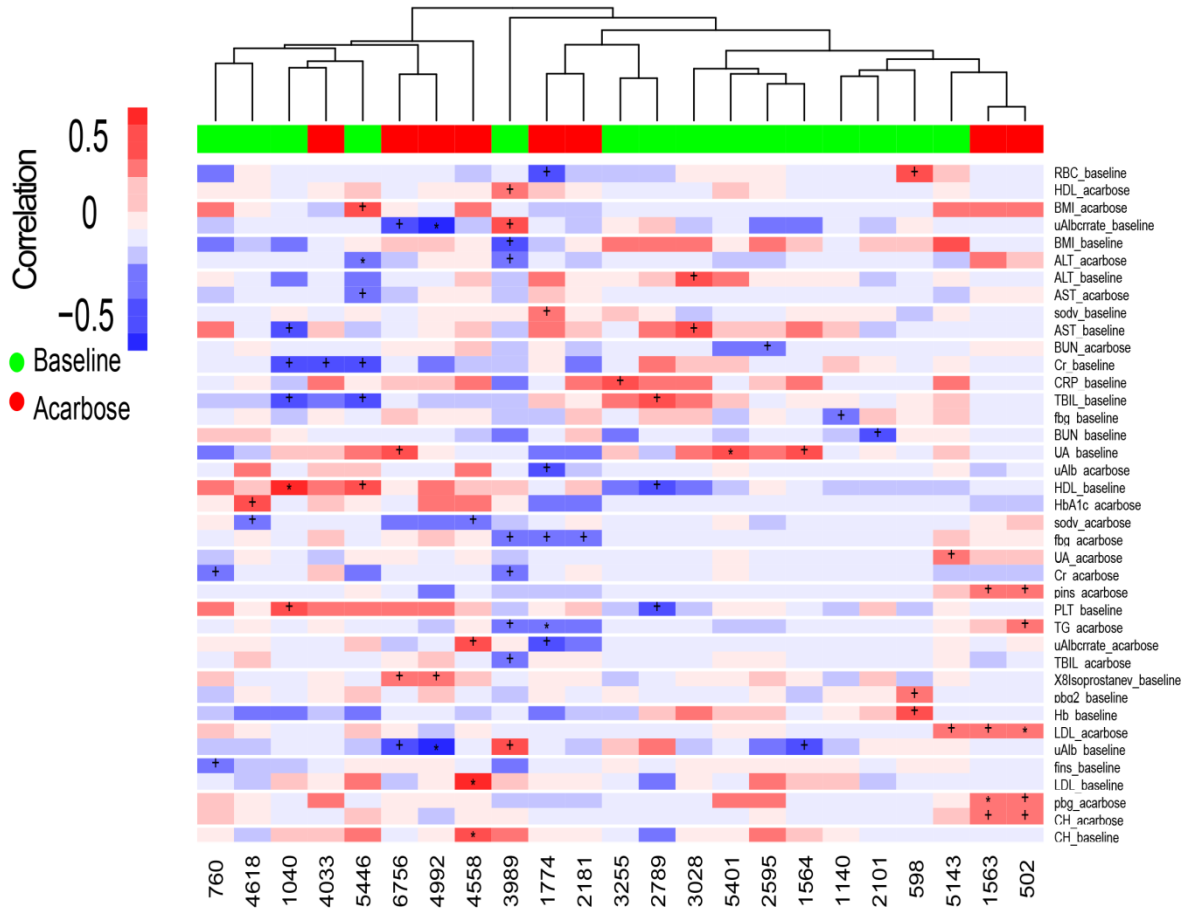


**Figure S3**. The correlations between acarbose-mediated changes in gut microbiota (genera) and physiological indices based on the Spearman method.

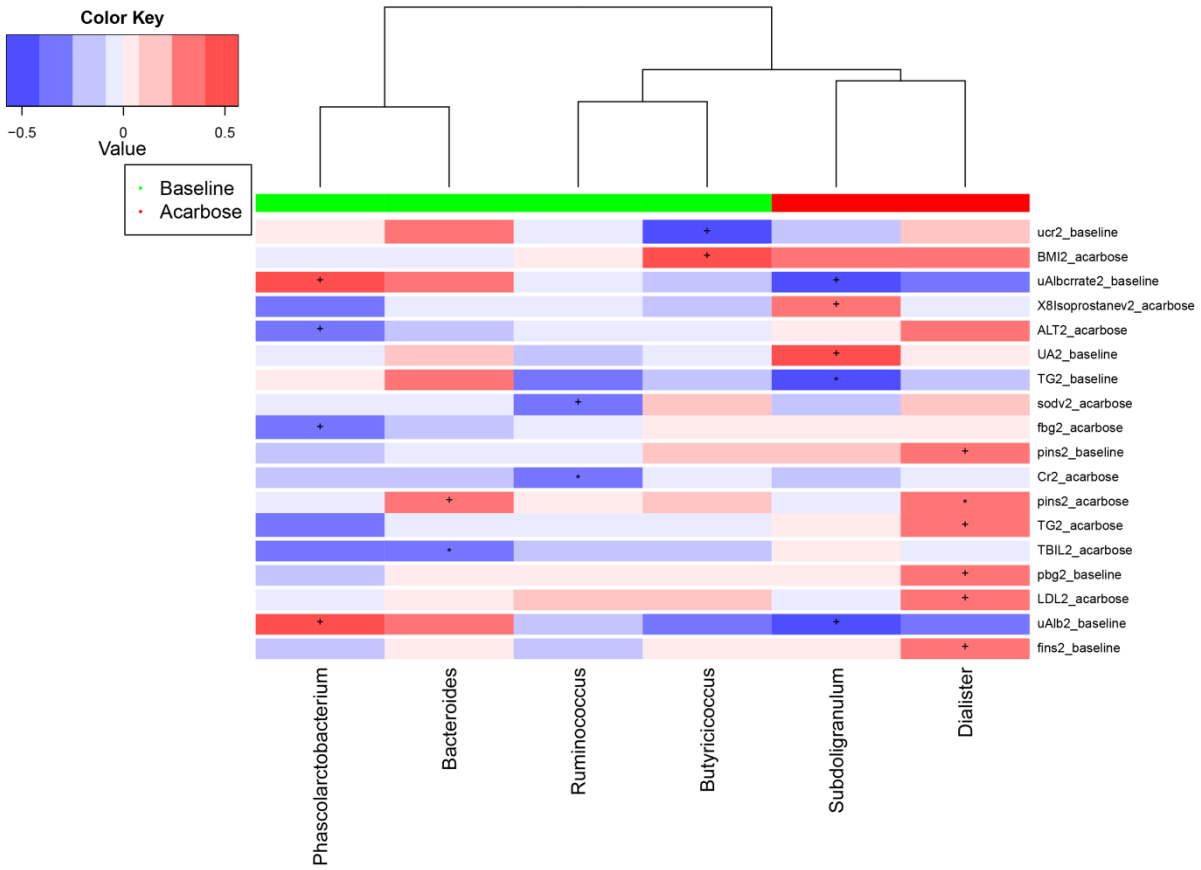
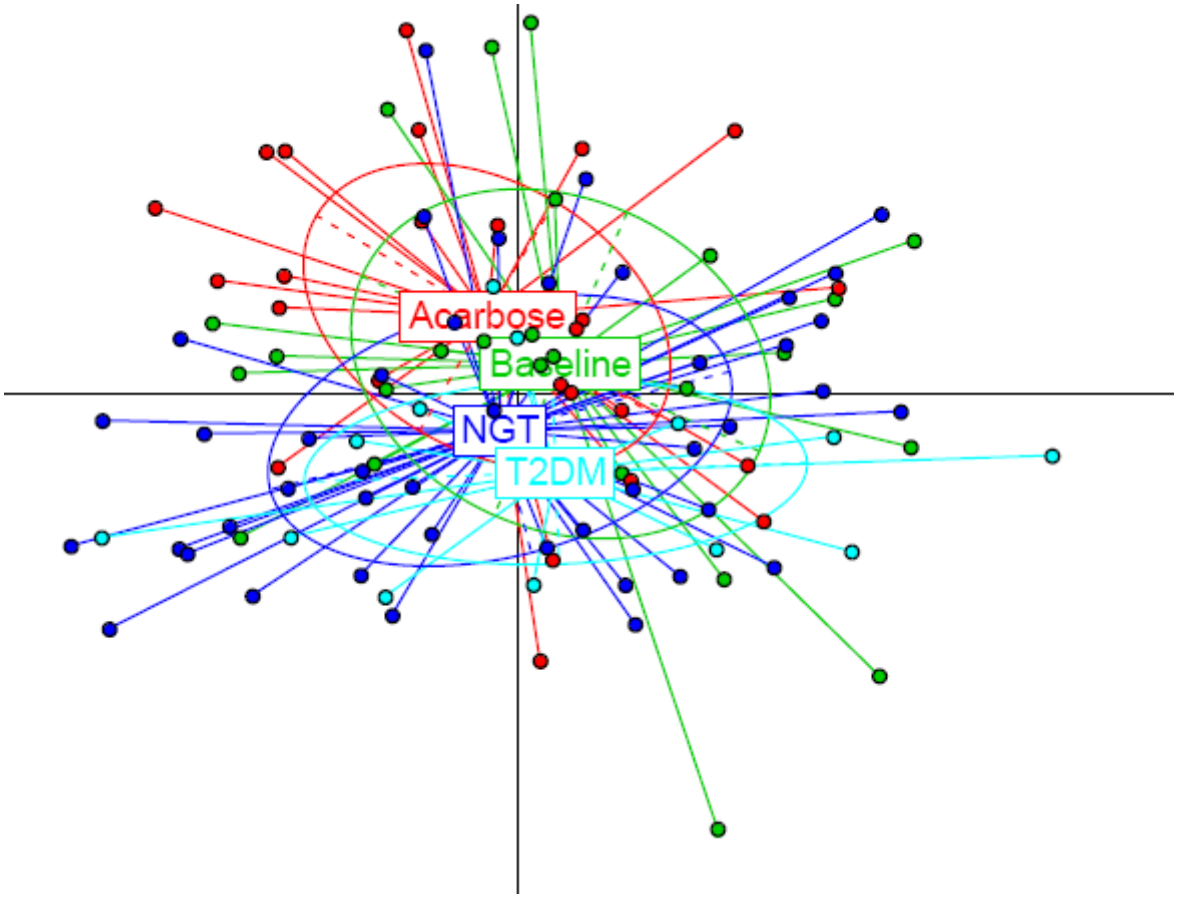


**Figure S4.** Acarbose alters the composition of intestinal microbiota in both healthy individuals and T2D patients. The normalized OTU abundance was used to compare the difference of each row. The red, green, blue and cyan dots represent subjects of after and before fed with acarbose, healthy and diabetes.



## Table S1. corelationship between clades and physiological indices calculated based on spearman method

| | OTU id | index | corr | p.value | |
|---|---|---|---|---|---|
| OTU | 4558 | HDL | 0.453515447 | 0.001206829 | Bacteria;Firmicutes;Clostridia;Clostridiales;Ruminococcaceae;Subdoligranulum |
| | 1818 | BMI | 0.413322799 | 0.004772121 | Bacteria;Firmicutes;Clostridia;Clostridiales;Incertae Sedis XIV;Blautia |
| | 3989 | HDL | 0.392337822 | 0.005814096 | Bacteria;Firmicutes;Clostridia;Clostridiales;Veillonellaceae;Phascolarctobacterium |
| | 7455 | 2Hins | 0.37985056 | 0.010062481 | Bacteria;Firmicutes;Erysipelotrichi;Erysipelotrichales;Erysipelotrichaceae |
| | 1515 | CRP | 0.376842782 | 0.010721695 | Bacteria;Firmicutes;Clostridia;Clostridiales |
| | 2789 | 2HPG | 0.358425241 | 0.012366359 | Bacteria;Firmicutes;Bacilli;Lactobacillales;Streptococcaceae;Streptococcus |
| | 4558 | CH | 0.355572299 | 0.013131422 | Bacteria;Firmicutes;Clostridia;Clostridiales;Ruminococcaceae;Subdoligranulum |
| | 2529 | 2HPG | 0.354852949 | 0.013330594 | Bacteria;Firmicutes;Clostridia;Clostridiales;Ruminococcaceae;Ruminococcus |
| | 4558 | HbA1c | -0.358648113 | 0.012308233 | Bacteria;Firmicutes;Clostridia;Clostridiales;Ruminococcaceae;Subdoligranulum |
| | 7869 | 2Hins | -0.361122515 | 0.014802116 | Bacteria;Firmicutes;Clostridia;Clostridiales;Lachnospiraceae;Roseburia |
| | 5143 | CH | -0.387172153 | 0.006555378 | Bacteria;Firmicutes;Erysipelotrichi;Erysipelotrichales;Erysipelotrichaceae |
| | 1563 | HbA1c | -0.402321838 | 0.004585974 | Bacteria;Firmicutes;Clostridia;Clostridiales;Veillonellaceae;Dialister |
| | 6010 | 2HPG | -0.419860053 | 0.002970004 | Bacteria;Firmicutes;Clostridia;Clostridiales;Lachnospiraceae |
| Genera | Coprobacillus | HDL | -0.537177828 | 8.26E-05 | |
| | Lactococcus | TG | -0.465611354 | 0.000853322 | |
| | Asaccharobacter | HbA1c | -0.409937127 | 0.003808252 | |
| | Bifidobacterium | Fins | -0.374552729 | 0.00949115 | |
| | Faecalibacterium | CH | 0.357325083 | 0.012656737 | |
| | Escherichia/Shigella | LDL | 0.372139177 | 0.009198739 | |
| | Escherichia/Shigella | CH | 0.380931008 | 0.007559477 | |
| | Escherichia/Shigella | HbA1c | 0.387071038 | 0.006570672 | |

## Table S2:

| | Kruskal Pvalue | Baseline_occr | Acarbose_occr | NGT_occr | T2DM_occr | Baseline_averAbd | Acarbose_averAbd | NGT_averAbd | T2DM_averAbd |
|---|---|---|---|---|---|---|---|---|---|
| Dialister | 1.84E-05 | 0.6 | 0.88 | 0.3409 | 0.6154 | 8.37E-03 | 2.24E-02 | 4.23E-03 | 8.92E-03 |
| Abiotrophia | 4.23E-05 | 0 | 0 | 0.0227 | 0.3077 | 0.00E+00 | 0.00E+00 | 6.12E-06 | 1.36E-04 |
| Lactobacillus | 0.000282268 | 0.44 | 0.88 | 0.4318 | 0.6923 | 2.04E-03 | 2.70E-02 | 6.84E-03 | 8.83E-04 |
| Peptostreptococcus | 0.001233485 | 0.08 | 0.04 | 0.0909 | 0.4615 | 2.37E-05 | 8.46E-06 | 3.39E-05 | 2.71E-04 |
| Blautia | 0.001888399 | 0.96 | 1 | 1 | 1 | 2.93E-02 | 1.93E-02 | 5.32E-02 | 5.56E-02 |
| Butyricicoccus | 0.010140975 | 1 | 0.96 | 0.9545 | 1 | 6.02E-03 | 2.60E-03 | 5.61E-03 | 5.79E-03 |
| Haemophilus | 0.013578368 | 0.64 | 0.56 | 0.3636 | 0.0769 | 4.12E-04 | 4.00E-04 | 2.49E-04 | 4.81E-05 |
| Ruminococcus | 0.014435884 | 0.96 | 1 | 0.9545 | 1 | 9.31E-02 | 5.03E-02 | 1.01E-01 | 1.15E-01 |
| Megasphaera | 0.016781818 | 0.32 | 0.44 | 0.1591 | 0.0769 | 2.80E-03 | 1.83E-02 | 1.46E-03 | 9.78E-04 |
| Dorea | 0.019914029 | 1 | 1 | 1 | 1 | 1.72E-02 | 1.11E-02 | 2.88E-02 | 4.19E-02 |
| Veillonella | 0.020002934 | 0.76 | 0.72 | 0.5455 | 0.3846 | 1.96E-03 | 1.01E-02 | 7.78E-04 | 1.54E-04 |
| Gemella | 0.021442127 | 0.36 | 0.24 | 0.4545 | 0.6923 | 1.41E-04 | 4.77E-05 | 1.93E-04 | 2.48E-04 |
| Cloacibacillus | 0.024711147 | 0 | 0 | 0.1136 | 0.2308 | 0.00E+00 | 0.00E+00 | 3.39E-05 | 5.07E-05 |
| Phascolarctobacterium | 0.025022874 | 0.92 | 0.68 | 0.8182 | 0.8462 | 1.56E-02 | 5.39E-03 | 1.34E-02 | 2.39E-02 |
| Bacteroides | 0.029439591 | 1 | 1 | 1 | 1 | 2.88E-01 | 1.94E-01 | 2.44E-01 | 1.30E-01 |
| Morganella | 0.064895009 | 0 | 0 | 0 | 0.0769 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.89E-05 |
| Acidovorax | 0.064895009 | 0 | 0 | 0 | 0.0769 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.46E-06 |
| Phenylobacterium | 0.064895009 | 0 | 0 | 0 | 0.0769 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.60E-05 |
| Sutterella | 0.067027663 | 0.32 | 0.36 | 0.1364 | 0.3846 | 1.65E-03 | 8.75E-04 | 7.23E-05 | 2.72E-04 |
| Granulicatella | 0.067918182 | 0.56 | 0.44 | 0.5909 | 0.7692 | 2.72E-04 | 1.12E-04 | 2.61E-04 | 6.32E-04 |
| Coprobacillus | 0.074559384 | 0.4 | 0.24 | 0.5455 | 0.3846 | 2.26E-04 | 9.55E-05 | 3.22E-04 | 8.51E-04 |
| Acidaminococcus | 0.077003325 | 0.12 | 0.24 | 0.0682 | 0 | 3.27E-04 | 2.32E-03 | 2.77E-04 | 0.00E+00 |
| Neisseria | 0.084977562 | 0 | 0.08 | 0 | 0 | 0.00E+00 | 1.01E-05 | 0.00E+00 | 0.00E+00 |
| Leptotrichia | 0.084977562 | 0.08 | 0 | 0 | 0 | 9.40E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Allisonella | 0.11559376 | 0.24 | 0.4 | 0.2045 | 0.1538 | 1.67E-04 | 6.97E-04 | 1.84E-04 | 5.42E-05 |
| Eggerthella | 0.131978867 | 0.52 | 0.44 | 0.5909 | 0.5385 | 4.90E-04 | 1.26E-04 | 9.93E-04 | 5.75E-04 |
| Weissella | 0.138438988 | 0.36 | 0.12 | 0.2045 | 0.3846 | 1.41E-04 | 1.60E-05 | 4.90E-04 | 7.74E-04 |
| Faecalibacterium | 0.147760404 | 1 | 1 | 0.9773 | 1 | 1.25E-01 | 1.76E-01 | 9.64E-02 | 9.28E-02 |
| Subdoligranulum | 0.149188804 | 1 | 1 | 1 | 0.9231 | 7.21E-02 | 1.20E-01 | 1.15E-01 | 1.54E-01 |
| Coprococcus | 0.16317711 | 1 | 1 | 1 | 1 | 3.31E-02 | 2.32E-02 | 3.57E-02 | 3.46E-02 |
| Megamonas | 0.169209617 | 0.36 | 0.52 | 0.2727 | 0.3077 | 1.58E-02 | 1.66E-02 | 5.64E-03 | 2.61E-03 |
| Olsenella | 0.173524696 | 0.04 | 0.16 | 0.0682 | 0.2308 | 2.87E-06 | 2.98E-03 | 4.23E-05 | 8.72E-05 |
| Clostridium | 0.186031547 | 0.6 | 0.6 | 0.6818 | 0.3846 | 1.07E-03 | 1.31E-03 | 1.60E-03 | 2.58E-03 |
| Bifidobacterium | 0.19398986 | 0.2 | 0.44 | 0.1818 | 0.2308 | 5.67E-05 | 8.70E-05 | 5.46E-05 | 4.50E-05 |
| Anaerovorax | 0.195835451 | 0.08 | 0.08 | 0 | 0 | 1.56E-04 | 1.18E-05 | 0.00E+00 | 0.00E+00 |
| Leuconostoc | 0.221694 | 0.04 | 0.04 | 0.1591 | 0.1538 | 7.39E-06 | 3.47E-06 | 8.00E-05 | 7.81E-05 |

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|---|---|---|---|---|---|---|---|---|---|
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| Anaerococcus | 0.223526533 | 0 | 0 | 0.0682 | 0 | 0.00E+00 | 0.00E+00 | 1.10E-05 | 0.00E+00 |
| Providencia | 0.227645272 | 0 | 0.04 | 0 | 0.0769 | 0.00E+00 | 6.52E-06 | 0.00E+00 | 2.89E-04 |
| Acinetobacter | 0.234022056 | 0.08 | 0.04 | 0 | 0 | 1.78E-05 | 5.68E-06 | 0.00E+00 | 0.00E+00 |
| Lactonifactor | 0.234954657 | 0.12 | 0.08 | 0.1136 | 0.3077 | 2.40E-05 | 5.26E-06 | 4.02E-05 | 4.88E-05 |
| Oribacterium | 0.25004343 | 0.28 | 0.08 | 0.1591 | 0.1538 | 6.37E-05 | 7.27E-06 | 2.82E-05 | 3.73E-05 |
| Catenibacterium | 0.254545199 | 0 | 0.04 | 0.0682 | 0.1538 | 0.00E+00 | 8.30E-05 | 5.93E-04 | 1.16E-03 |
| Collinsella | 0.26205641 | 0.6 | 0.84 | 0.7955 | 0.6154 | 7.21E-03 | 8.78E-03 | 1.95E-02 | 1.59E-02 |
| Holdemania | 0.283956319 | 0.64 | 0.44 | 0.6136 | 0.6154 | 3.90E-04 | 1.79E-04 | 3.64E-04 | 4.76E-04 |
| Slackia | 0.288762531 | 0.16 | 0.04 | 0.2045 | 0.2308 | 2.10E-04 | 1.14E-04 | 2.76E-04 | 6.75E-04 |
| Anaerostipes | 0.302397316 | 0.92 | 1 | 0.9091 | 1 | 7.18E-03 | 4.95E-03 | 9.52E-03 | 1.16E-02 |
| Akkermansia | 0.303242626 | 0.2 | 0.08 | 0.2273 | 0.0769 | 9.26E-05 | 2.91E-05 | 1.50E-04 | 4.82E-05 |
| Anaerofustis | 0.32012483 | 0.12 | 0 | 0.0909 | 0.1538 | 1.58E-05 | 0.00E+00 | 3.03E-05 | 1.06E-04 |
| Citrobacter | 0.335651624 | 0.2 | 0.24 | 0.1818 | 0 | 6.68E-05 | 1.09E-04 | 1.16E-04 | 0.00E+00 |
| Barnesiella | 0.349307582 | 0.52 | 0.6 | 0.4773 | 0.6923 | 6.55E-03 | 5.26E-03 | 2.86E-03 | 6.46E-03 |
| Chitinophaga | 0.350435987 | 0.04 | 0 | 0 | 0 | 5.70E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Sphingobacterium | 0.350435987 | 0.04 | 0 | 0 | 0 | 5.70E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Enhydrobacter | 0.350435987 | 0.04 | 0 | 0 | 0 | 9.83E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Aggregatibacter | 0.350435987 | 0.04 | 0 | 0 | 0 | 2.87E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Bacillus | 0.350435987 | 0.04 | 0 | 0 | 0 | 8.12E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Bosea | 0.350435987 | 0 | 0.04 | 0 | 0 | 0.00E+00 | 7.88E-06 | 0.00E+00 | 0.00E+00 |
| Carnobacterium | 0.350435987 | 0 | 0.04 | 0 | 0 | 0.00E+00 | 3.32E-06 | 0.00E+00 | 0.00E+00 |
| Cryobacterium | 0.350435987 | 0 | 0.04 | 0 | 0 | 0.00E+00 | 5.68E-06 | 0.00E+00 | 0.00E+00 |
| Hymenobacter | 0.350435987 | 0 | 0.04 | 0 | 0 | 0.00E+00 | 5.68E-06 | 0.00E+00 | 0.00E+00 |
| Nocardioides | 0.350435987 | 0 | 0.04 | 0 | 0 | 0.00E+00 | 2.27E-05 | 0.00E+00 | 0.00E+00 |
| Macrococcus | 0.350435987 | 0.04 | 0 | 0 | 0 | 5.23E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Alistipes | 0.38573489 | 1 | 0.84 | 0.8409 | 0.8462 | 2.14E-02 | 2.66E-02 | 1.66E-02 | 1.41E-02 |
| Gordonibacter | 0.39391752 | 0.44 | 0.32 | 0.5 | 0.4615 | 1.62E-04 | 1.53E-04 | 2.87E-04 | 3.20E-04 |
| Methanobrevibacter | 0.408793588 | 0 | 0 | 0.0455 | 0 | 0.00E+00 | 0.00E+00 | 1.39E-05 | 0.00E+00 |
| Hydrogenoanaerobacterium | 0.408793588 | 0 | 0 | 0.0455 | 0 | 0.00E+00 | 0.00E+00 | 7.31E-06 | 0.00E+00 |
| Uruburuella | 0.408793588 | 0 | 0 | 0.0455 | 0 | 0.00E+00 | 0.00E+00 | 4.30E-05 | 0.00E+00 |
| Proteus | 0.408793588 | 0 | 0 | 0.0455 | 0 | 0.00E+00 | 0.00E+00 | 8.60E-06 | 0.00E+00 |
| Actinomyces | 0.418343201 | 0.48 | 0.48 | 0.4318 | 0.6154 | 1.38E-04 | 1.05E-04 | 1.68E-04 | 4.65E-04 |
| Acetanaerobacterium | 0.418631778 | 0.16 | 0.08 | 0.0455 | 0.1538 | 8.41E-05 | 2.17E-05 | 3.87E-05 | 1.37E-05 |
| Stenotrophomonas | 0.425225108 | 0.08 | 0 | 0.0455 | 0 | 1.17E-05 | 0.00E+00 | 7.45E-06 | 0.00E+00 |
| Enterorhabdus | 0.447192883 | 0.04 | 0 | 0.0682 | 0 | 5.70E-06 | 0.00E+00 | 7.34E-05 | 0.00E+00 |
| Comamonas | 0.455606935 | 0.08 | 0.04 | 0.1136 | 0 | 1.14E-05 | 3.32E-06 | 2.83E-05 | 0.00E+00 |
| Sporacetigenium | 0.502363843 | 0.8 | 0.84 | 0.8636 | 0.9231 | 1.79E-03 | 1.36E-03 | 2.12E-03 | 4.30E-03 |

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|---|---|---|---|---|---|---|---|---|---|
| Parasutterella | 0.502623711 | 0.72 | 0.68 | 0.5682 | 0.4615 | 3.36E-03 | 3.39E-03 | 1.61E-03 | 3.08E-03 |
| Selenomonas | 0.506269908 | 0.08 | 0.08 | 0.0227 | 0 | 9.32E-06 | 2.14E-05 | 1.32E-04 | 0.00E+00 |
| Anaerotruncus | 0.511073331 | 0.24 | 0.24 | 0.3864 | 0.2308 | 1.64E-04 | 1.93E-04 | 2.35E-04 | 5.43E-05 |
| Lactococcus | 0.511304777 | 0.16 | 0.24 | 0.3409 | 0.2308 | 4.31E-03 | 1.65E-03 | 2.39E-04 | 8.57E-04 |
| Prevotella | 0.511418717 | 0.72 | 0.56 | 0.5 | 0.6923 | 6.01E-02 | 8.22E-02 | 4.29E-02 | 5.01E-02 |
| Victivallis | 0.512159544 | 0.04 | 0.04 | 0 | 0 | 3.61E-06 | 7.62E-06 | 0.00E+00 | 0.00E+00 |
| Succinivibrio | 0.512159544 | 0.04 | 0.04 | 0 | 0 | 2.28E-05 | 2.91E-06 | 0.00E+00 | 0.00E+00 |
| Butyricimonas | 0.523596834 | 0.72 | 0.48 | 0.4318 | 0.6923 | 1.21E-03 | 1.17E-03 | 8.99E-04 | 9.68E-04 |
| Papillibacter | 0.526190371 | 0.24 | 0.12 | 0.25 | 0.3077 | 1.74E-04 | 7.68E-05 | 1.10E-04 | 2.16E-04 |
| Atopobium | 0.538562471 | 0.12 | 0.04 | 0.0682 | 0.1538 | 1.24E-05 | 4.86E-06 | 9.71E-06 | 3.21E-05 |
| Howardella | 0.538982083 | 0.04 | 0.12 | 0.1591 | 0.0769 | 1.27E-04 | 2.30E-04 | 2.69E-04 | 2.08E-04 |
| Ethanoligenens | 0.552604639 | 0.08 | 0 | 0.0455 | 0.0769 | 6.29E-05 | 0.00E+00 | 3.54E-05 | 3.66E-05 |
| Porphyromonas | 0.556491159 | 0.04 | 0.04 | 0.0909 | 0 | 8.74E-06 | 2.40E-06 | 1.97E-05 | 0.00E+00 |
| Escherichia/Shigella | 0.574095972 | 0.84 | 0.92 | 0.8409 | 0.7692 | 2.12E-02 | 2.68E-02 | 6.01E-03 | 1.07E-02 |
| Anaerosporobacter | 0.578700219 | 0.04 | 0 | 0.0227 | 0.0769 | 1.37E-05 | 0.00E+00 | 3.06E-06 | 5.23E-06 |
| Odoribacter | 0.586571671 | 0.76 | 0.64 | 0.6364 | 0.6923 | 1.67E-03 | 1.07E-03 | 1.03E-03 | 9.38E-04 |
| Roseburia | 0.60201367 | 1 | 1 | 0.9545 | 1 | 9.38E-02 | 7.31E-02 | 1.03E-01 | 1.43E-01 |
| Streptococcus | 0.637848027 | 1 | 1 | 0.9545 | 0.9231 | 1.44E-02 | 1.44E-02 | 3.02E-02 | 7.43E-03 |
| Corynebacterium | 0.652589806 | 0.04 | 0 | 0.0455 | 0.0769 | 2.09E-06 | 0.00E+00 | 9.48E-06 | 8.43E-06 |
| Fusobacterium | 0.65445844 | 0.08 | 0.04 | 0.1364 | 0.0769 | 3.15E-05 | 3.38E-05 | 3.35E-05 | 9.01E-05 |
| Oxalobacter | 0.657208252 | 0.08 | 0.04 | 0.0909 | 0.1538 | 5.86E-05 | 7.90E-06 | 3.62E-05 | 5.52E-05 |
| Methylobacterium | 0.663734605 | 0.04 | 0 | 0.0455 | 0.0769 | 8.67E-06 | 0.00E+00 | 5.89E-06 | 9.46E-06 |
| Turicibacter | 0.691501721 | 0.44 | 0.48 | 0.5227 | 0.5385 | 3.61E-04 | 6.25E-04 | 7.77E-04 | 6.47E-04 |
| Ochrobactrum | 0.698093613 | 0 | 0 | 0.0227 | 0 | 0.00E+00 | 0.00E+00 | 2.99E-06 | 0.00E+00 |
| Atopostipes | 0.698093613 | 0 | 0 | 0.0227 | 0 | 0.00E+00 | 0.00E+00 | 2.99E-06 | 0.00E+00 |
| Facklamia | 0.698093613 | 0 | 0 | 0.0227 | 0 | 0.00E+00 | 0.00E+00 | 2.99E-06 | 0.00E+00 |
| Arcanobacterium | 0.698093613 | 0 | 0 | 0.0227 | 0 | 0.00E+00 | 0.00E+00 | 2.99E-06 | 0.00E+00 |
| Moryella | 0.698093613 | 0 | 0 | 0.0227 | 0 | 0.00E+00 | 0.00E+00 | 1.88E-06 | 0.00E+00 |
| Sarcina | 0.698093613 | 0 | 0 | 0.0227 | 0 | 0.00E+00 | 0.00E+00 | 4.20E-06 | 0.00E+00 |
| Pseudoramibacter | 0.698093613 | 0 | 0 | 0.0227 | 0 | 0.00E+00 | 0.00E+00 | 2.75E-06 | 0.00E+00 |
| Proteocatella | 0.698093613 | 0 | 0 | 0.0227 | 0 | 0.00E+00 | 0.00E+00 | 8.96E-06 | 0.00E+00 |
| Actinobaculum | 0.698093613 | 0 | 0 | 0.0227 | 0 | 0.00E+00 | 0.00E+00 | 7.48E-06 | 0.00E+00 |
| Chryseobacterium | 0.698093613 | 0 | 0 | 0.0227 | 0 | 0.00E+00 | 0.00E+00 | 2.50E-05 | 0.00E+00 |
| Dolosicoccus | 0.698093613 | 0 | 0 | 0.0227 | 0 | 0.00E+00 | 0.00E+00 | 2.99E-06 | 0.00E+00 |
| Deinococcus | 0.698093613 | 0 | 0 | 0.0227 | 0 | 0.00E+00 | 0.00E+00 | 3.69E-06 | 0.00E+00 |
| Ktedonobacter | 0.698093613 | 0 | 0 | 0.0227 | 0 | 0.00E+00 | 0.00E+00 | 2.99E-06 | 0.00E+00 |
| Staphylococcus | 0.708718147 | 0.04 | 0 | 0.0227 | 0 | 1.48E-05 | 0.00E+00 | 3.48E-06 | 0.00E+00 |
| Sharpea | 0.708718 | 0 | 0.04 | 0.0227 | 0 | 0.00E+00 | 6.90E-06 | 3.25E-06 | 0.00E+00 |

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|---|---|---|---|---|---|---|---|---|---|
| | 147 | | | | | | | | |
| Desulfovibrio | 0.708718147 | 0.04 | 0 | 0.0227 | 0 | 6.83E-06 | 0.00E+00 | 3.69E-06 | 0.00E+00 |
| Peptococcus | 0.716927346 | 0 | 0.04 | 0.0227 | 0 | 0.00E+00 | 3.95E-06 | 3.06E-06 | 0.00E+00 |
| Paraeggerthella | 0.716927346 | 0.04 | 0 | 0.0227 | 0 | 7.39E-06 | 0.00E+00 | 1.74E-05 | 0.00E+00 |
| Plesiomonas | 0.716927346 | 0.04 | 0 | 0.0227 | 0 | 3.58E-06 | 0.00E+00 | 5.99E-06 | 0.00E+00 |
| Petrimonas | 0.716927346 | 0.04 | 0 | 0.0227 | 0 | 5.70E-06 | 0.00E+00 | 5.01E-06 | 0.00E+00 |
| Enterococcus | 0.729406116 | 0.24 | 0.28 | 0.3182 | 0.3077 | 1.06E-04 | 5.27E-04 | 9.91E-04 | 6.86E-04 |
| Oscillibacter | 0.745929973 | 0.96 | 0.92 | 0.9091 | 0.9231 | 1.45E-02 | 1.05E-02 | 1.04E-02 | 1.17E-02 |
| Asaccharobacter | 0.767647778 | 0.6 | 0.56 | 0.4773 | 0.6154 | 7.86E-04 | 2.38E-04 | 7.62E-04 | 3.15E-03 |
| Eubacterium | 0.778511246 | 0.56 | 0.56 | 0.6136 | 0.8462 | 4.39E-03 | 4.26E-03 | 4.35E-03 | 1.30E-03 |
| Anaerofilum | 0.840204967 | 0.08 | 0.12 | 0.1364 | 0.1538 | 1.06E-05 | 1.35E-05 | 5.30E-05 | 5.05E-05 |
| Parabacteroides | 0.849569689 | 0.96 | 1 | 0.9773 | 0.8462 | 1.15E-02 | 1.26E-02 | 1.61E-02 | 1.10E-02 |
| Klebsiella | 0.856865546 | 0.56 | 0.48 | 0.4773 | 0.4615 | 1.36E-03 | 1.97E-03 | 5.49E-03 | 9.56E-04 |
| Mitsuokella | 0.873544406 | 0.04 | 0.08 | 0.0455 | 0.0769 | 4.68E-04 | 6.15E-03 | 1.64E-05 | 1.77E-02 |
| Peptoniphilus | 0.889780514 | 0.12 | 0.12 | 0.0682 | 0.0769 | 1.26E-05 | 1.44E-05 | 1.26E-05 | 2.57E-05 |
| Pyramidobacter | 0.90664323 | 0.08 | 0.04 | 0.0455 | 0.0769 | 8.29E-06 | 6.35E-06 | 8.76E-06 | 3.86E-05 |
| Parvimonas | 0.929660492 | 0.08 | 0.12 | 0.0682 | 0.0769 | 1.16E-05 | 1.27E-05 | 1.26E-05 | 3.21E-05 |
| Finegoldia | 0.944792111 | 0.08 | 0.04 | 0.0682 | 0.0769 | 1.25E-05 | 7.88E-06 | 9.57E-06 | 2.57E-05 |
| Sporobacter | 0.947302569 | 0.52 | 0.52 | 0.4773 | 0.4615 | 3.92E-04 | 3.64E-04 | 2.66E-04 | 3.84E-04 |
| Paraprevotella | 0.975623106 | 0.32 | 0.36 | 0.3182 | 0.3846 | 2.80E-03 | 3.14E-03 | 3.15E-03 | 4.46E-03 |
| Acetivibrio | 0.988348446 | 0.28 | 0.32 | 0.2727 | 0.3077 | 1.23E-03 | 1.17E-03 | 9.03E-04 | 1.17E-04 |