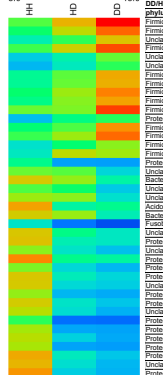
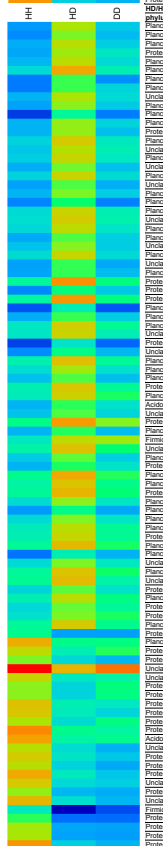


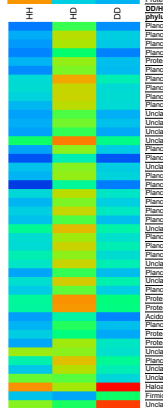
5.0 13.0



phylum	subphylum	family	subfamily	otu	logFC	HH	HD	DD
Firmicutes	Clostridia	Hydrothermabacteriaceae	Hydrothermabacteriaceae	HYD_4211	3.1	6.1	11.4	13.3
Firmicutes	Clostridia	Peptostreptococcaceae	Peptostreptococcaceae	PCP_40409	2.4	9.7	10.9	12.1
Unclassified	Unclassified	Unclassified	Unclassified	HYD_32009	2.3	8.0	8.9	11.2
Unclassified	Unclassified	Peptostreptococcaceae	Peptostreptococcaceae	PCP_41903	2.3	8.0	11.0	12.2
Unclassified	Unclassified	Unclassified	Unclassified	HYD_6120	2.3	8.0	8.9	10.2
Unclassified	Unclassified	Unclassified	Unclassified	HYD_37205	2.3	7.8	8.7	9.9
Firmicutes	Clostridia	Unclassified	Unclassified	HYD_40034	2.3	8.2	10.2	11.5
Firmicutes	Clostridia	Unclassified	Unclassified	HYD_40704	2.2	8.2	9.2	11.4
Firmicutes	Clostridia	Unclassified	Unclassified	PCP_38397	2.2	8.7	10.6	11.9
Firmicutes	Clostridia	Peptostreptococcaceae	Peptostreptococcaceae	HYD_40524	2.2	8.4	10.9	11.6
Firmicutes	Clostridia	Peptostreptococcaceae	Peptostreptococcaceae	HYD_42235	2.1	10.3	10.4	12.4
Proteobacteria	Gammaproteobacteria	SP	Unclassified	HYD_22462	2.1	7.1	8.4	9.6
Firmicutes	Clostridia	Peptostreptococcaceae	Peptostreptococcaceae	HYD_41490	2.1	9.6	10.1	11.7
Firmicutes	Clostridia	Unclassified	Unclassified	HYD_41772	2.1	10.0	10.6	12.0
Firmicutes	Clostridia	Subdoligranulaceae	Subdoligranulaceae	HYD_32827	2.1	8.4	9.6	10.5
Firmicutes	Clostridia	Ruminococcaceae	Ruminococcaceae	HYD_5282	2.0	8.6	10.5	10.7
Unclassified	Unclassified	Unclassified	Unclassified	HYD_19170	2.1	9.3	7.9	7.2
Unclassified	Unclassified	Unclassified	Unclassified	HYD_23055	2.1	10.3	10.2	8.2
Bacteroidetes	S24K1181	SP	Unclassified	HYD_47468	2.1	11.1	10.6	9.9
Unclassified	Unclassified	Unclassified	Unclassified	HYD_11463	2.0	10.1	9.7	7.9
Unclassified	Unclassified	Unclassified	Unclassified	HYD_47468	2.0	10.6	10.4	8.4
Actinobacteria	B1-15	SP	Unclassified	HYD_56021	2.0	11.5	10.5	9.3
Bacteroidetes	F1-LAY	SP	Unclassified	HYD_12403	2.0	11.1	10.6	8.8
Proteobacteria	Gammaeubacteriales	SP	Unclassified	HYD_41493	2.0	8.5	7.4	7.2
Unclassified	Unclassified	Unclassified	Unclassified	HYD_20051	2.0	11.2	9.4	8.1
Proteobacteria	Gammaproteobacteria	SP	Unclassified	HYD_19170	2.0	11.2	10.8	9.6
Unclassified	Unclassified	Unclassified	Unclassified	HYD_20397	2.0	10.5	8.5	7.8
Proteobacteria	Gammaproteobacteria	SP	Unclassified	HYD_19605	2.0	11.9	9.3	9.1
Proteobacteria	Gammaproteobacteria	SP	Unclassified	HYD_19423	2.0	10.4	8.2	7.5
Proteobacteria	Gammaproteobacteria	SP	Enterobacteriales	HYD_18584	2.0	11.2	8.7	8.2
Unclassified	Unclassified	Unclassified	Unclassified	HYD_20229	2.1	11.1	8.2	8.0
Proteobacteria	Gammaproteobacteria	SP	Unclassified	HYD_20337	2.0	10.6	7.6	7.6
Proteobacteria	Gammaproteobacteria	SP	Unclassified	HYD_20465	2.0	11.1	8.5	8.0
Unclassified	Unclassified	Unclassified	Unclassified	HYD_20202	2.0	10.9	8.4	7.5
Proteobacteria	Gammaproteobacteria	SP	Unclassified	HYD_20465	2.0	9.9	8.0	8.0
Proteobacteria	Gammaproteobacteria	SP	Unclassified	HYD_18852	2.0	10.7	7.4	7.3
Proteobacteria	Gammaproteobacteria	SP	Unclassified	HYD_18852	2.0	10.6	8.1	7.4
Proteobacteria	Gammaproteobacteria	SP	Unclassified	HYD_20277	2.0	10.7	7.3	7.2
Proteobacteria	Gammaproteobacteria	SP	Unclassified	HYD_20704	2.0	11.5	10.0	8.2
Unclassified	Unclassified	Unclassified	Unclassified	HYD_19911	2.0	11.4	8.4	7.8
Proteobacteria	Gammaproteobacteria	SP	Unclassified	HYD_24380	2.0	11.7	8.5	7.6



phylum	subphylum	family	subfamily	otu	logFC	HH	HD	DD
Planctomycetes	Planctomycetia	SP	Planctomycetia	HYD_5321	3.1	7.2	10.3	7.9
Planctomycetes	Planctomycetia	SP	Planctomycetia	HYD_54138	3.0	7.0	10.4	7.7
Planctomycetes	Planctomycetia	SP	Planctomycetia	HYD_50365	3.0	7.2	10.6	8.0
Proteobacteria	Alphaproteobacteria	SP	Unclassified	HYD_17692	3.3	7.4	10.7	8.6
Planctomycetes	Planctomycetia	SP	Planctomycetia	HYD_53870	3.0	7.8	10.3	8.1
Planctomycetes	Planctomycetia	SP	Unclassified	HYD_53851	3.2	8.3	11.5	8.3
Planctomycetes	Planctomycetia	SP	Unclassified	HYD_53477	3.0	8.7	10.5	7.9
Planctomycetes	Planctomycetia	SP	Unclassified	HYD_53244	3.2	8.7	10.3	8.1
Unclassified	Unclassified	Unclassified	Unclassified	HYD_53869	3.2	7.8	10.7	8.0
Planctomycetes	Planctomycetia	SP	Unclassified	HYD_54014	3.2	7.9	10.5	8.0
Planctomycetes	Planctomycetia	SP	Planctomycetia	HYD_53980	3.2	8.0	8.1	8.8
Planctomycetes	Planctomycetia	SP	Planctomycetia	HYD_54014	3.2	7.6	10.6	8.1
Proteobacteria	Alphaproteobacteria	SP	Unclassified	HYD_18046	3.0	7.6	10.6	7.7
Planctomycetes	Planctomycetia	SP	Unclassified	HYD_54445	3.0	8.1	11.1	8.6
Unclassified	Unclassified	Unclassified	Unclassified	HYD_54131	2.9	7.9	10.8	8.3
Planctomycetes	Planctomycetia	SP	BC12-25	HYD_51927	3.0	8.1	11.0	8.1
Unclassified	Unclassified	Unclassified	Unclassified	HYD_17360	2.6	7.5	10.4	7.8
Planctomycetes	Planctomycetia	SP	BC12-25	HYD_53778	2.8	8.1	11.0	8.3
Unclassified	Unclassified	Unclassified	Unclassified	HYD_53777	2.8	7.3	10.1	7.5
Planctomycetes	Planctomycetia	SP	Unclassified	HYD_54222	2.8	7.6	10.4	8.0
Planctomycetes	Planctomycetia	SP	Planctomycetia	HYD_53978	2.8	8.0	11.0	8.1
Planctomycetes	Planctomycetia	SP	Unclassified	HYD_53620	2.7	8.3	11.0	8.3
Unclassified	Unclassified	Unclassified	Unclassified	HYD_53967	2.7	8.4	11.1	8.0
Planctomycetes	Planctomycetia	SP	Unclassified	HYD_53391	2.7	8.2	10.9	8.5
Planctomycetes	Planctomycetia	SP	Unclassified	HYD_53390	2.7	7.4	10.8	8.0
Unclassified	Unclassified	Unclassified	Unclassified	HYD_53957	2.7	7.8	10.5	8.0
Planctomycetes	Planctomycetia	SP	BC12-25	HYD_54009	2.7	8.2	10.3	8.3
Unclassified	Unclassified	Unclassified	Unclassified	HYD_53844	2.7	7.3	9.3	7.4
Planctomycetes	Planctomycetia	SP	Unclassified	HYD_53784	2.6	7.8	10.9	7.7
Proteobacteria	Alphaproteobacteria	SP	Unclassified	HYD_16981	2.6	8.1	11.1	9.5
Proteobacteria	Alphaproteobacteria	SP	Rhodospiraceae	HYD_18123	2.6	8.9	9.5	7.6
Planctomycetes	Planctomycetia	SP	Unclassified	HYD_54044	2.6	8.2	10.6	8.0
Planctomycetes	Planctomycetia	SP	Unclassified	HYD_53451	2.6	8.2	8.8	8.3
Planctomycetes	Planctomycetia	SP	Unclassified	HYD_53444	2.6	7.4	10.3	8.0
Planctomycetes	Planctomycetia	SP	Planctomycetia	HYD_54002	2.6	8.6	11.1	9.2
Unclassified	Unclassified	Unclassified	Unclassified	HYD_17692	2.6	8.5	11.0	8.2
Proteobacteria	Alphaproteobacteria	SP	Unclassified	HYD_14748	2.4	6.0	8.5	8.3
Unclassified	Unclassified	Unclassified	Unclassified	HYD_17692	2.4	7.5	8.4	7.5
Planctomycetes	Planctomycetia	SP	Unclassified	HYD_53842	2.4	8.9	11.3	10.2
Planctomycetes	Planctomycetia	SP	Planctomycetia	HYD_53460	2.3	8.3	10.7	8.4
Planctomycetes	Planctomycetia	SP	Planctomycetia	HYD_53460	2.3	8.3	11.0	8.4
Proteobacteria	Alphaproteobacteria	SP	Unclassified	HYD_15080	2.3	8.9	11.2	9.2
Planctomycetes	Planctomycetia	SP	Unclassified	HYD_53241	2.3	8.7	11.3	9.2
Actinobacteria	B1-15	SP	Unclassified	HYD_55876	2.3	7.8	10.9	8.4
Unclassified	Unclassified	Unclassified	Unclassified	HYD_17203	2.3	7.8	10.1	8.2
Proteobacteria	Alphaproteobacteria	SP	Unclassified	HYD_18753	2.3	9.3	11.6	10.4
Planctomycetes	Planctomycetia	SP	Unclassified	HYD_54148	2.3	7.8	10.3	7.7
Firmicutes	Clostridia	Ruminococcaceae	Ruminococcaceae	HYD_5282	2.3	8.6	10.9	10.7
Unclassified	Unclassified	Unclassified	Unclassified	HYD_53974	2.3	8.8	11.2	9.6
Planctomycetes	Planctomycetia	SP	Unclassified	HYD_53960	2.3	8.0	10.2	9.6
Proteobacteria	Alphaproteobacteria	SP	Unclassified	HYD_14910	2.2	7.6	9.8	8.5
Planctomycetes	Planctomycetia	SP	Unclassified	HYD_53971	2.2	8.2	11.2	9.3
Planctomycetes	Planctomycetia	SP	Planctomycetia	HYD_53602	2.2	8.0	11.2	9.3
Proteobacteria	Alphaproteobacteria	SP	Phyllobacteriaceae	HYD_19170	2.2	8.2	11.4	9.6
Planctomycetes	Planctomycetia	SP	Unclassified	HYD_54198	2.2	8.3	10.5	8.3
Planctomycetes	Planctomycetia	SP	Unclassified	HYD_53660	2.2	8.7	9.9	7.4
Planctomycetes	Planctomycetia	SP	Unclassified	HYD_53949	2.2	8.3	10.4	8.5
Planctomycetes	Planctomycetia	SP	Planctomycetia	HYD_54148	2.2	8.7	10.3	9.5
Proteobacteria	Alphaproteobacteria	SP	Phyllobacteriaceae	HYD_19609	2.1	8.9	11.0	10.2
Planctomycetes	Planctomycetia	SP	Unclassified	HYD_53771	2.1	8.2	11.3	9.7
Planctomycetes	Planctomycetia	SP	Planctomycetia	HYD_54044	2.1	8.2	11.0	9.4
Unclassified	Unclassified	Unclassified	Unclassified	HYD_53380	2.1	8.3	10.4	8.9
Planctomycetes	Planctomycetia	SP	Unclassified	HYD_54100	2.1	8.1	11.2	9.7
Unclassified	Unclassified	Unclassified	Unclassified	HYD_53890	2.1	8.2	11.3	10.0
Proteobacteria	Alphaproteobacteria	SP	Unclassified	HYD_17448	2.1	8.1	10.2	9.5
Planctomycetes	Planctomycetia	SP	Unclassified	HYD_53620	2.1	8.8	10.9	9.4
Proteobacteria	Alphaproteobacteria	SP	Phyllobacteriaceae	HYD_17180	2.1	8.2	10.2	9.2
Proteobacteria	Alphaproteobacteria	SP	Phyllobacteriaceae	HYD_15670	2.0	8.4	10.4	9.8
Planctomycetes	Planctomycetia	SP	Unclassified	HYD_54198	2.0	8.1	11.1	9.5
Proteobacteria	Gammaproteobacteria	SP	Unclassified	HYD_18913	2.0	9.3	11.3	10.4
Planctomycetes	Planctomycetia	SP	Unclassified	HYD_20480	2.0	11.4	9.5	9.4
Proteobacteria	Alphaproteobacteria	SP	Unclassified	HYD_20480	2.0	10.9	10.8	9.9
Proteobacteria	Gammaproteobacteria	SP	Unclassified	HYD_19423	2.0	10.4	8.1	7.6
Unclassified	Unclassified	Unclassified	Unclassified	HYD_97106	2.0	11.6	11.3	10.0
Unclassified	Unclassified	Unclassified	Unclassified	HYD_20354	2.0	11.0	8.6	9.0
Proteobacteria	Gammaproteobacteria	SP	Unclassified	HYD_20462	2.0	10.8	8.2	8.2
Proteobacteria	Gammaproteobacteria	SP	Unclassified	HYD_18853	2.0	10.5	8.1	7.4
Proteobacteria	Gammaproteobacteria	SP	Unclassified	HYD_20719	2.0	11.2	8.8	8.2
Proteobacteria	Gammaproteobacteria	SP	Enterobacteriales	HYD_18584	2.0	11.2	8.7	8.2
Proteobacteria	Gammaproteobacteria	SP	Unclassified	HYD_18603	2.0	10.8	8.1	8.4
Proteobacteria	Gammaproteobacteria	SP	Unclassified	HYD_17660	2.0	11.3	9.3	8.4
Actinobacteria	B1-15	SP	Unclassified	HYD_56021	2.0	11.5	10.5	9.3
Unclassified	Unclassified	Unclassified	Unclassified	HYD_20205	2.0	10.8	7.9	7.6
Proteobacteria	Gammaproteobacteria	SP	Unclassified	HYD_20490	2.0	11.1	8.5	7.9
Proteobacteria	Gammaproteobacteria	SP	Unclassified	HYD_19603	2.0	10.8	8.1	7.4
Proteobacteria	Gammaproteobacteria	SP	Unclassified	HYD_20354	2.0	11.5	8.7	7.9
Unclassified	Unclassified	Unclassified	Unclassified	HYD_20229	2.0	11.1	8.2	8.0
Proteobacteria	Gammaproteobacteria	SP	Unclassified	HYD_20337	2.0	10.6	7.8	7.4
Unclassified	Unclassified	Unclassified	Unclassified	HYD_18901	2.0	11.4	8.4	7.6
Firmicutes	Clostridia	Planctomycetia	Planctomycetia	HYD_4892	2.0	8.6	8.4	7.9
Proteobacteria	Gammaproteobacteria	SP	Unclassified	HYD_20340	2.0	9.9	8.6	8.5
Proteobacteria	Gammaproteobacteria	SP	Unclassified	HYD_18962	2.0	10.7	10.4	7.9
Proteobacteria	Gammaproteobacteria	SP	Unclassified	HYD_20277	2.0	10.7	7.3	7.2
Proteobacteria	Gammaproteobacteria	SP	Unclassified	HYD_24380	2.0	11.7	8.5	7.6



phylum	subphylum	family	subfamily	otu	logFC	HH	HD	DD
Planctomycetes	Planctomycetia	SP	Unclassified	HYD_53477	-2.8	8.7	10.0	7.0
Planctomycetes	Planctomycetia	SP	Planctomycetia	HYD_53966	-2.8	7.8	10.9	8.0
Planctomycetes								