

Rank	Taxon	Mean	Median	Standard D	Minimum	Maximum
phylum	<i>Actinobacteria</i>	-3.19057	-3.18984	0.614641	-4.64687	-0.46494
phylum	<i>Bacteroidetes</i>	-1.20611	-1.1447	0.411206	-2.83603	-0.36688
phylum	<i>Cyanobacteria</i>	-3.09911	-3.20276	0.826736	-4.4516	-0.46906
phylum	<i>Firmicutes</i>	-0.83769	-0.86166	0.298357	-1.7675	-0.10447
phylum	<i>Proteobacteria</i>	-1.6144	-1.55853	0.46635	-4.054	-0.22595
phylum	<i>TM7</i>	-2.40866	-2.29094	0.59878	-4.27678	-1.18612
class	<i>Actinobacteria</i>	-3.19057	-3.18984	0.614641	-4.64687	-0.46494
class	<i>Alphaproteobacteria</i>	-3.42676	-3.52627	0.618384	-4.64687	-1.64374
class	<i>Bacilli</i>	-1.23417	-1.23771	0.520657	-2.48579	-0.10626
class	<i>Bacteroidia</i>	-1.21015	-1.14994	0.41212	-2.87079	-0.3676
class	<i>Betaproteobacteria</i>	-2.40094	-2.38145	0.500164	-4.054	-0.54811
class	<i>Clostridia</i>	-1.30633	-1.28025	0.213934	-2.49186	-0.70922
class	<i>Cyanobacteria</i>	-3.09911	-3.20276	0.826736	-4.4516	-0.46906
class	<i>Epsilonproteobacteria</i>	-2.20364	-1.88716	0.956221	-4.64687	-0.51214
class	<i>Erysipelotrichi</i>	-2.49994	-2.54562	0.877167	-4.55945	-0.42552
class	<i>Gammaproteobacteria</i>	-2.63435	-2.58818	0.653046	-4.26221	-0.24354
order	<i>Bacillales</i>	-3.08396	-3.11361	0.633737	-4.36256	-0.69915
order	<i>Bacteroidales</i>	-1.21015	-1.14994	0.41212	-2.87079	-0.3676
order	<i>Burkholderiales</i>	-2.42552	-2.40386	0.509457	-4.054	-0.56194
order	<i>Campylobacteriales</i>	-2.20364	-1.88716	0.956221	-4.64687	-0.51214
order	<i>Clostridiales</i>	-1.30634	-1.28025	0.213936	-2.49186	-0.70922
order	<i>Enterobacteriales</i>	-3.36754	-3.35358	0.547795	-4.64687	-1.5487
order	<i>Erysipelotrichales</i>	-2.49994	-2.54562	0.877167	-4.55945	-0.42552
order	<i>Lactobacillales</i>	-1.25191	-1.2597	0.522845	-2.51879	-0.10626
order	<i>Pseudomonadales</i>	-2.97615	-2.95049	0.607164	-4.4516	-0.24354
family	<i>Bacteroidaceae</i>	-1.84075	-1.78637	0.539524	-4.25101	-0.56328
family	<i>Chloroplast</i>	-3.0997	-3.20276	0.827561	-4.60249	-0.46906
family	<i>Comamonadaceae</i>	-2.57645	-2.56674	0.517346	-4.054	-0.57141
family	<i>Enterobacteriaceae</i>	-3.36754	-3.35358	0.547795	-4.64687	-1.5487
family	<i>Erysipelotrichaceae</i>	-2.49994	-2.54562	0.877167	-4.55945	-0.42552
family	<i>Helicobacteraceae</i>	-2.2174	-1.88767	0.973223	-4.64687	-0.51214
family	<i>Incertae Sedis XIII</i>	-3.44172	-3.39076	0.421002	-4.54888	-2.39368
family	<i>Lachnospiraceae</i>	-1.75276	-1.73965	0.261692	-3.03593	-0.97874
family	<i>Lactobacillaceae</i>	-1.74941	-1.78549	0.710664	-4.08408	-0.10741
family	<i>Leuconostocaceae</i>	-2.69641	-2.60737	0.570624	-4.4567	-1.14245
family	<i>Moraxellaceae</i>	-3.27338	-3.23729	0.556482	-4.4567	-1.80805
family	<i>Porphyromonadaceae</i>	-1.65123	-1.55873	0.461944	-4.25101	-0.68982
family	<i>Pseudomonadaceae</i>	-3.33827	-3.33036	0.653186	-4.60249	-0.24379
family	<i>Rikenellaceae</i>	-1.74743	-1.69201	0.405664	-3.13704	-0.9474
family	<i>Ruminococcaceae</i>	-1.58681	-1.54628	0.273405	-3.04013	-0.71772
family	<i>Staphylococcaceae</i>	-3.28371	-3.35558	0.697969	-4.57636	-0.69915
family	<i>Streptococcaceae</i>	-1.7532	-1.84831	0.586326	-3.2864	-0.27968
genus	<i>Acidovorax</i>	-3.46804	-3.49721	0.568918	-4.48199	-1.44669
genus	<i>Acinetobacter</i>	-3.2981	-3.26345	0.557951	-4.4567	-1.81114
genus	<i>Alistipes</i>	-1.80916	-1.76913	0.418428	-3.15619	-0.96023
genus	<i>Anaerovorax</i>	-3.4424	-3.39076	0.421483	-4.54888	-2.39368

genus	<i>Bacteroides</i>	-1.84075	-1.78637	0.539524	-4.25101	-0.56328
genus	<i>Butyricicoccus</i>	-3.12847	-3.08934	0.547655	-4.38396	-1.89672
genus	<i>Dorea</i>	-1.87215	-1.84829	0.290798	-3.03593	-1.00098
genus	<i>Helicobacter</i>	-2.21755	-1.88767	0.973256	-4.64687	-0.51214
genus	<i>Lactobacillus</i>	-1.74941	-1.78549	0.710664	-4.08408	-0.10741
genus	<i>Lactococcus</i>	-1.76753	-1.85944	0.593581	-3.2864	-0.28022
genus	<i>Leuconostoc</i>	-3.37483	-3.33594	0.491983	-4.6313	-1.97467
genus	<i>Odoribacter</i>	-2.25905	-2.20892	0.472891	-4.25101	-1.31754
genus	<i>Oscillibacter</i>	-1.63201	-1.58462	0.288863	-3.52827	-1.07909
genus	<i>Parabacteroides</i>	-1.81992	-1.74717	0.500228	-4.25101	-0.6969
genus	<i>Pseudomonas</i>	-3.33867	-3.33036	0.653305	-4.60249	-0.24379
genus	<i>Rikenella</i>	-3.05039	-2.83105	0.783282	-4.55945	-1.60787
genus	<i>Roseburia</i>	-2.64471	-2.59433	0.434967	-4.25667	-1.45208
genus	<i>Streptococcus</i>	-3.54715	-3.55121	0.524559	-4.64687	-1.39531
genus	<i>Streptophyta</i>	-3.09971	-3.20276	0.827555	-4.60249	-0.46906
genus	<i>TM7_genera_incertae_sedis</i>	-2.40866	-2.29094	0.59878	-4.27678	-1.18612
genus	<i>Turicibacter</i>	-2.71959	-2.78561	1.030603	-4.55945	-0.4258
genus	<i>Variovorax</i>	-2.82857	-2.84029	0.579754	-4.25101	-0.64626
genus	<i>Weissella</i>	-2.83751	-2.70329	0.639479	-4.64687	-1.20845
species	<i>Acinetobacter junii SH205</i>	-3.47148	-3.50978	0.567486	-4.6313	-1.83342
species	<i>Alistipes_OTU11</i>	-2.11161	-2.05525	0.427259	-3.85516	-1.26842
species	<i>Alistipes_OTU9</i>	-2.14951	-2.13978	0.46028	-4.23533	-1.21399
species	<i>Anaerovorax odorimutans (T)</i>	-3.44869	-3.40295	0.421989	-4.54888	-2.39368
species	<i>Bacteroides_OTU1</i>	-2.78441	-2.67251	0.961569	-4.64687	-0.76623
species	<i>Bacteroides_OTU17</i>	-2.49121	-2.46785	0.691637	-4.30612	-0.77056
species	<i>Bacteroides_OTU21</i>	-2.71022	-2.67348	0.61911	-4.50226	-0.68252
species	<i>Butyricicoccus_OTU6</i>	-3.15399	-3.1154	0.564175	-4.51092	-1.89672
species	<i>Dorea longicatena DSM 13814</i>	-2.36784	-2.35411	0.311116	-3.83658	-1.46842
species	<i>Helicobacter ganmani (T)</i>	-2.23827	-1.90919	0.972735	-4.64687	-0.51426
species	<i>Lactobacillus apodemi (T)</i>	-2.00552	-1.99539	0.749607	-4.21548	-0.2863
species	<i>Lactobacillus johnsonii ATCC 35261</i>	-2.80012	-2.90586	0.953665	-4.54888	-0.10779
species	<i>Lactococcus lactis subsp. cremoris</i>	-2.07914	-2.12129	0.672315	-3.90466	-0.50728
species	<i>Lactococcus lactis subsp. cremoris</i>	-2.18527	-2.24201	0.599832	-4.03214	-0.53762
species	<i>Leuconostoc citreum KM20</i>	-3.37557	-3.33594	0.49168	-4.6313	-1.97467
species	<i>Odoribacter_OTU3</i>	-2.85187	-2.76297	0.598281	-4.37723	-1.64085
species	<i>Odoribacter_OTU6</i>	-2.45372	-2.39076	0.453557	-4.25101	-1.62771
species	<i>Oscillibacter_OTU18</i>	-2.84293	-2.78661	0.445496	-4.41929	-1.71246
species	<i>Oscillibacter_OTU5</i>	-1.70635	-1.66359	0.296221	-3.52827	-1.0981
species	<i>Oscillibacter_OTU8</i>	-3.22396	-3.13194	0.64276	-4.4567	-1.71814
species	<i>OTU10059</i>	-3.61574	-3.58482	0.717842	-4.78302	-2.04879
species	<i>OTU100635</i>	-4.07641	-4.40085	0.644617	-4.9479	-1.994
species	<i>OTU10180</i>	-3.80517	-3.83658	0.648205	-4.81195	-2.25018
species	<i>OTU10250</i>	-3.87864	-4.37519	0.871435	-4.85926	-1.27116
species	<i>OTU10810</i>	-4.04452	-4.40688	0.739492	-4.93233	-1.27015
species	<i>OTU10815</i>	-3.47717	-3.40083	0.742625	-4.84001	-2.04756
species	<i>OTU109685</i>	-4.07846	-4.40078	0.636706	-5.02378	-1.51063
species	<i>OTU111345</i>	-3.61488	-3.53129	0.653347	-4.90352	-1.78221

species	OTU11309	-3.36035	-3.2837	0.757491	-4.87739	-1.40144
species	OTU11573	-3.10033	-2.94052	0.74066	-4.93233	-1.71972
species	OTU118435	-3.7291	-3.7759	0.681505	-4.9479	-1.83989
species	OTU119723	-3.89061	-3.99463	0.635751	-4.9479	-2.20326
species	OTU12637	-4.12298	-4.39263	0.605222	-5.02378	-1.9065
species	OTU12884	-4.01975	-4.35141	0.651102	-5.02378	-1.99758
species	OTU12948	-3.62006	-3.52264	0.488057	-4.7489	-2.53283
species	OTU1311	-3.34027	-3.25237	0.828055	-4.75773	-1.36371
species	OTU1370	-3.74091	-3.74241	0.604181	-5.02378	-2.27746
species	OTU14515	-2.88147	-2.48592	1.214826	-4.93233	-0.99988
species	OTU14778	-2.3405	-2.2071	0.770515	-4.87739	-0.81285
species	OTU15542	-3.52757	-3.43008	0.590226	-4.6973	-1.81561
species	OTU15599	-3.98079	-4.35395	0.6772	-4.9479	-2.34901
species	OTU15621	-2.72934	-2.63188	0.759325	-4.72032	-0.82946
species	OTU15852	-2.9158	-2.77163	0.754775	-4.9479	-1.53102
species	OTU16644	-3.57069	-3.50379	0.631004	-4.77273	-2.0539
species	OTU16771	-3.77041	-3.78704	0.627962	-4.90352	-2.34286
species	OTU16907	-3.34571	-3.25565	0.76087	-4.93233	-1.98368
species	OTU17214	-3.64056	-3.59244	0.705112	-4.9479	-1.88235
species	OTU17277	-4.12783	-4.41704	0.705146	-5.02378	-1.42246
species	OTU17532	-3.23373	-3.1594	0.772274	-4.9479	-1.57487
species	OTU1754	-3.65547	-3.6185	0.620907	-4.84001	-2.07064
species	OTU17916	-3.59306	-3.55121	0.635098	-4.7489	-2.03914
species	OTU18194	-3.93396	-4.04135	0.601667	-4.78302	-2.05809
species	OTU18550	-2.8939	-2.69556	0.720274	-4.7489	-1.51658
species	OTU18933	-3.50712	-3.41577	0.6534	-5.02378	-2.00116
species	OTU19064	-3.60713	-3.64157	0.814385	-4.86048	-1.54217
species	OTU19089	-3.85027	-3.999	0.69254	-4.9479	-1.79934
species	OTU19169	-3.51471	-3.56324	0.839679	-4.86048	-1.43294
species	OTU19497	-3.73166	-3.77934	0.656358	-4.9479	-1.61958
species	OTU20339	-2.3626	-2.26317	0.737521	-4.66626	-0.98974
species	OTU20360	-2.80858	-2.59988	0.746414	-4.93233	-1.5156
species	OTU20550	-3.84391	-3.88247	0.648093	-4.85926	-2.34425
species	OTU20553	-2.90934	-2.67025	0.910885	-4.87739	-1.28408
species	OTU20580	-3.42148	-3.3934	0.86792	-4.86048	-1.33443
species	OTU20628	-3.99287	-4.2999	0.623813	-4.9479	-2.29122
species	OTU21345	-2.86668	-2.75051	0.720151	-4.9479	-1.28267
species	OTU21486	-3.33413	-3.15874	0.696693	-4.9479	-2.08784
species	OTU21516	-4.1548	-4.42015	0.653733	-4.93233	-1.55403
species	OTU21517	-3.93222	-4.03222	0.604007	-4.9479	-1.94417
species	OTU21756	-3.65664	-3.56225	0.589912	-4.86048	-2.37057
species	OTU22095	-3.72566	-3.73388	0.646545	-4.9479	-2.14825
species	OTU22302	-3.79149	-4.32976	0.94491	-4.93233	-1.07396
species	OTU22570	-3.11864	-2.94349	0.655318	-4.78302	-1.72283
species	OTU22574	-3.40792	-3.28001	0.590209	-4.81195	-2.2072
species	OTU22618	-3.43432	-3.31709	0.72649	-4.93233	-1.33829
species	OTU22876	-3.35517	-3.25334	0.753412	-4.9479	-1.43361

species	OTU22892	-3.59662	-3.62675	0.768	-4.9479	-1.72987
species	OTU23162	-3.8867	-3.92547	0.610727	-4.87739	-2.24698
species	OTU23399	-3.01818	-3.02001	0.95746	-5.02378	-1.36247
species	OTU23401	-3.26045	-2.96209	0.944632	-4.9479	-1.52655
species	OTU23520	-3.4137	-3.27852	0.647696	-4.81195	-1.46343
species	OTU23521	-3.14677	-3.07151	0.51531	-4.76337	-2.03668
species	OTU23591	-4.35042	-4.44765	0.46547	-5.02378	-1.21209
species	OTU23632	-4.05169	-4.34084	0.589542	-4.9479	-2.18221
species	OTU23893	-3.24796	-3.10358	0.665633	-4.9479	-1.90283
species	OTU23901	-3.6434	-3.76065	0.753222	-4.86048	-1.89245
species	OTU24957	-3.16799	-3.08975	0.607516	-4.78302	-1.82906
species	OTU25398	-3.51036	-3.40572	0.70716	-4.9479	-1.98126
species	OTU25443	-3.94077	-4.27903	0.656551	-4.93233	-2.18915
species	OTU255658	-4.05042	-4.35472	0.618173	-5.02378	-1.48086
species	OTU25567	-3.57916	-3.49087	0.602017	-4.9479	-2.16777
species	OTU25580	-2.79023	-2.68931	0.622751	-4.66359	-1.49569
species	OTU26078	-3.53094	-3.51182	0.793481	-4.87739	-1.51721
species	OTU26150	-3.84625	-3.85205	0.593466	-4.80419	-2.27425
species	OTU26207	-4.00827	-4.29164	0.608823	-4.86048	-2.09954
species	OTU26335	-3.96149	-4.19667	0.615594	-4.9479	-1.95059
species	OTU26562	-2.75857	-2.64591	0.56831	-4.70253	-1.49097
species	OTU26691	-2.72722	-2.55042	0.852519	-4.72032	-0.95849
species	OTU2681	-3.65527	-3.65475	0.702151	-4.93233	-1.97387
species	OTU26919	-3.76705	-3.75686	0.563221	-4.76337	-2.3891
species	OTU26927	-3.11909	-3.20119	1.092727	-4.9479	-0.41051
species	OTU26940	-3.15281	-2.99191	0.646928	-4.85926	-2.01859
species	OTU2714	-4.12539	-4.3927	0.603126	-5.02378	-1.69682
species	OTU27559	-2.53373	-2.44503	0.488059	-4.45649	-1.62167
species	OTU27668	-3.37379	-3.20875	0.672856	-4.7489	-1.98997
species	OTU27929	-3.95829	-4.31998	0.703523	-4.93233	-1.83902
species	OTU2796	-3.60507	-3.54452	0.684644	-4.80329	-1.75514
species	OTU27993	-4.14132	-4.41491	0.601863	-4.93233	-1.9853
species	OTU28031	-3.70418	-3.76492	0.692849	-4.81195	-1.85716
species	OTU28127	-4.29004	-4.4456	0.545393	-4.9479	-1.26747
species	OTU28357	-3.24393	-3.10243	0.770966	-4.9479	-1.68626
species	OTU28363	-3.85874	-3.87823	0.593836	-4.93233	-2.35147
species	OTU28378	-3.75889	-3.7813	0.568076	-4.87739	-2.3553
species	OTU28641	-4.12113	-4.40078	0.618598	-5.02378	-1.84753
species	OTU28763	-3.4433	-3.40346	0.790509	-4.9479	-1.37227
species	OTU28844	-3.58532	-3.48151	0.609641	-4.85926	-2.37692
species	OTU28881	-3.2315	-3.13814	0.544248	-4.74457	-2.04546
species	OTU29136	-3.50764	-3.42234	0.638403	-4.90352	-2.18115
species	OTU29205	-3.45279	-3.3534	0.649163	-4.87739	-2.15138
species	OTU2939	-3.63674	-3.56423	0.813222	-5.02378	-1.89534
species	OTU29411	-4.01363	-4.3204	0.63103	-5.02378	-2.21073
species	OTU29481	-3.35032	-3.10659	0.823864	-4.80329	-1.76289
species	OTU29497	-3.87503	-3.8512	0.567573	-4.9479	-2.43026

species	OTU29676	-3.74965	-3.6936	0.534053	-4.84001	-2.57394
species	OTU29690	-3.54901	-3.45962	0.586855	-4.9479	-2.05237
species	OTU29993	-3.73957	-3.67495	0.510351	-4.80329	-2.33186
species	OTU30239	-3.42912	-3.26521	0.612642	-4.7489	-2.1839
species	OTU30406	-3.0865	-2.98265	0.616838	-4.84991	-1.75124
species	OTU30440	-3.86468	-3.91698	0.646418	-4.84001	-1.78511
species	OTU30466	-3.23159	-3.17493	0.658556	-4.7489	-1.33681
species	OTU30575	-3.80856	-3.80168	0.583403	-5.02378	-2.3544
species	OTU30906	-2.98125	-2.8544	0.796941	-4.78302	-1.32542
species	OTU30974	-3.68024	-3.74593	0.754539	-4.78302	-2.0299
species	OTU31161	-3.64097	-3.64128	0.763066	-4.90352	-1.71433
species	OTU31225	-3.47844	-3.47849	0.929298	-5.02378	-1.44989
species	OTU31270	-3.0741	-2.90719	0.776111	-4.87739	-1.5814
species	OTU31437	-3.73291	-3.74547	0.60667	-4.9479	-2.3149
species	OTU31812	-4.13251	-4.38511	0.584323	-4.9479	-1.72024
species	OTU31854	-3.57316	-3.53832	0.72164	-4.90352	-2.04173
species	OTU31861	-3.73152	-3.81211	0.732957	-4.85926	-2.18349
species	OTU31900	-3.00706	-2.91966	0.874355	-4.78302	-1.27646
species	OTU32146	-3.038	-2.8273	0.852627	-4.75773	-1.53971
species	OTU32159	-3.91542	-4.04036	0.629538	-4.86048	-2.19348
species	OTU32201	-3.77034	-3.87691	0.71626	-4.9479	-1.56969
species	OTU32261	-3.61593	-3.50037	0.557959	-4.81195	-2.34311
species	OTU32556	-4.08321	-4.3898	0.670964	-5.02378	-1.49192
species	OTU32850	-3.66376	-3.57692	0.569555	-4.84001	-2.28661
species	OTU32953	-3.37257	-3.24487	0.680441	-4.87739	-1.88289
species	OTU33094	-3.74891	-3.7402	0.646007	-4.85926	-2.29057
species	OTU33106	-4.22365	-4.43258	0.542139	-5.02378	-2.07748
species	OTU33162	-3.20696	-3.08114	0.724066	-4.9479	-1.55419
species	OTU3343	-3.73043	-4.13033	0.922542	-4.9479	-1.41134
species	OTU33766	-3.91775	-4.05805	0.615579	-5.02378	-1.95685
species	OTU33959	-3.89364	-3.92932	0.560359	-4.9479	-2.2363
species	OTU33981	-3.29276	-3.18427	0.596602	-4.7489	-2.01747
species	OTU33995	-3.92046	-4.19667	0.6733	-4.87739	-2.01986
species	OTU34250	-3.18362	-3.08938	0.608237	-4.7489	-1.59082
species	OTU34564	-3.24586	-3.13155	0.747958	-4.7489	-1.56467
species	OTU34602	-3.24108	-3.1567	0.613171	-4.72032	-1.73563
species	OTU34676	-3.89853	-4.13033	0.655265	-4.9479	-2.36433
species	OTU34910	-3.68677	-3.61023	0.477362	-4.7489	-2.54375
species	OTU34980	-3.25223	-3.13672	0.58693	-4.90352	-2.05999
species	OTU35123	-3.60426	-3.49471	0.560047	-4.85926	-2.49066
species	OTU35132	-3.31682	-3.18549	0.600323	-4.75773	-2.12905
species	OTU35474	-3.95614	-4.24797	0.625175	-4.93233	-2.35683
species	OTU35522	-3.53283	-3.43867	0.638097	-4.93233	-2.24805
species	OTU35653	-3.64353	-3.7608	0.825302	-5.02378	-1.98934
species	OTU35851	-3.79157	-3.89087	0.731348	-4.9479	-2.19667
species	OTU36357	-3.77066	-3.67495	0.58071	-4.93233	-2.50292
species	OTU3637	-4.01307	-4.40688	0.767714	-4.93233	-1.40201

species	OTU36453	-4.01822	-4.37011	0.6995	-5.02378	-1.66937
species	OTU36913	-3.18825	-3.12937	1.003814	-4.93233	-1.38186
species	OTU36973	-4.22648	-4.43014	0.580442	-5.02378	-1.50455
species	OTU37155	-3.44059	-3.36091	0.565092	-4.93233	-1.93846
species	OTU37416	-3.90053	-3.92381	0.62554	-4.9479	-0.73644
species	OTU37511	-3.64833	-3.83487	0.898265	-5.02378	-1.72442
species	OTU37550	-4.20592	-4.43527	0.648013	-5.02378	-1.37345
species	OTU37576	-3.31094	-3.21212	0.873071	-4.87739	-1.49066
species	OTU37609	-3.86534	-3.95775	0.666795	-5.02378	-2.46379
species	OTU37848	-3.9184	-4.23573	0.680585	-4.90352	-2.04456
species	OTU38053	-3.39192	-3.27076	0.596936	-4.80419	-2.17082
species	OTU38425	-4.02817	-4.35311	0.636688	-5.02378	-2.34439
species	OTU38701	-3.70682	-3.63251	0.578008	-4.85926	-2.37139
species	OTU38736	-3.88688	-4.27035	0.713231	-4.9479	-2.02835
species	OTU390	-3.64143	-3.8014	0.837914	-4.9479	-1.76297
species	OTU39205	-2.92025	-2.81258	0.547235	-4.67162	-1.68994
species	OTU39325	-3.12088	-3.00828	0.604102	-4.70449	-0.70851
species	OTU39477	-3.77117	-3.79064	0.659269	-4.85926	-2.25219
species	OTU39918	-3.94471	-4.15537	0.609506	-4.93233	-2.10206
species	OTU40040	-3.50302	-3.41902	0.613551	-4.80419	-2.0829
species	OTU40052	-3.67417	-3.73143	0.729797	-4.87739	-1.89998
species	OTU40057	-3.81531	-3.94171	0.689111	-4.84991	-2.02474
species	OTU40238	-3.29668	-3.22515	0.7378	-4.76337	-1.82328
species	OTU40448	-3.10196	-2.94789	0.616058	-4.84991	-1.77589
species	OTU4046	-3.71931	-3.71834	0.677688	-4.81195	-2.26293
species	OTU40540	-2.69623	-2.47337	0.905389	-4.70862	-0.99188
species	OTU40685	-3.38004	-3.33696	0.823593	-4.9479	-1.55725
species	OTU40859	-3.6243	-3.62944	0.715622	-4.85926	-1.92627
species	OTU40878	-3.7845	-3.94998	0.759877	-4.93233	-1.85676
species	OTU40993	-2.8506	-2.46419	0.968362	-4.75773	-1.46839
species	OTU41413	-3.79492	-3.78774	0.53448	-4.93233	-1.92942
species	OTU41518	-3.19363	-3.0475	0.685503	-4.9479	-1.8352
species	OTU41577	-3.79665	-3.765	0.553101	-4.9479	-2.66564
species	OTU4201	-3.45517	-3.77952	1.0806	-5.02378	-0.8168
species	OTU42081	-3.85709	-3.98159	0.669124	-4.9479	-2.2796
species	OTU43081	-3.76787	-3.88502	0.751234	-5.02378	-1.97187
species	OTU43451	-3.84267	-3.89697	0.608082	-4.93233	-2.4725
species	OTU43477	-3.96388	-4.29164	0.651112	-4.9479	-2.21465
species	OTU43491	-3.48437	-3.38855	0.571829	-4.80419	-2.06127
species	OTU43960	-3.94839	-4.34994	0.747613	-5.02378	-1.77452
species	OTU44212	-3.05412	-2.95122	0.607526	-4.81195	-1.96136
species	OTU44783	-3.68508	-3.63448	0.593634	-4.81195	-1.93064
species	OTU44879	-3.51178	-3.39432	0.549508	-4.74457	-2.51818
species	OTU44911	-3.65449	-3.63367	0.684188	-4.85926	-1.84608
species	OTU45365	-3.83212	-3.86213	0.646681	-4.87739	-1.8133
species	OTU45531	-3.81868	-4.38187	0.92046	-5.02378	-1.31226
species	OTU46032	-3.86375	-3.86106	0.550942	-4.87739	-2.11492

species	OTU4608	-2.61585	-2.47581	0.58345	-4.72032	-1.45611
species	OTU46167	-3.52575	-3.42754	0.591575	-4.84001	-2.24652
species	OTU4622	-2.47759	-2.30151	0.888438	-4.84991	-1.05422
species	OTU46295	-3.73663	-3.80325	0.654183	-4.84991	-1.94495
species	OTU47045	-3.82296	-3.79463	0.543541	-4.85926	-2.44742
species	OTU47283	-3.85166	-3.93817	0.654563	-4.85926	-2.44299
species	OTU4729	-3.9816	-4.33349	0.707726	-5.02378	-1.56301
species	OTU47332	-3.84041	-3.8739	0.629218	-5.02378	-2.20687
species	OTU47335	-3.52882	-3.4553	0.530817	-4.84001	-2.27078
species	OTU47724	-3.60262	-3.53218	0.711178	-4.9479	-1.87198
species	OTU47830	-2.94411	-2.78524	0.685899	-4.72032	-1.62878
species	OTU47858	-3.71849	-3.73878	0.661954	-4.84991	-1.83285
species	OTU47964	-4.14405	-4.40511	0.604741	-5.02378	-1.78696
species	OTU48141	-3.978	-4.28421	0.619076	-5.02378	-2.11481
species	OTU48279	-3.46551	-3.38044	0.594879	-4.81195	-1.88642
species	OTU48293	-3.91691	-4.02111	0.6282	-4.86048	-1.97947
species	OTU48302	-3.7995	-3.90249	0.715377	-4.81195	-1.65595
species	OTU48397	-4.08056	-4.38187	0.601058	-5.02378	-1.73083
species	OTU48521	-3.21676	-3.13071	0.683828	-4.7489	-1.7911
species	OTU48892	-4.24127	-4.4187	0.474913	-4.9479	-1.72209
species	OTU49049	-3.6728	-3.60686	0.616179	-4.81195	-2.26831
species	OTU49635	-3.89556	-4.01708	0.630044	-4.87739	-2.24797
species	OTU50422	-3.46763	-3.3894	0.806388	-5.02378	-1.53662
species	OTU50512	-3.89834	-3.95564	0.605167	-4.85926	-2.02538
species	OTU50609	-3.6449	-3.59813	0.710401	-4.75773	-1.66815
species	OTU50790	-3.42756	-3.22819	0.782239	-5.02378	-1.95984
species	OTU51156	-3.65241	-3.65475	0.688257	-4.9479	-1.77815
species	OTU51177	-3.78468	-3.74032	0.567668	-4.9479	-2.43726
species	OTU51188	-3.97972	-4.23573	0.601488	-4.93233	-2.3934
species	OTU51268	-3.21541	-3.12024	0.58978	-4.72032	-1.90756
species	OTU51413	-3.80468	-4.18096	0.793088	-4.85926	-1.56846
species	OTU51595	-3.51988	-3.46923	0.726169	-4.80419	-1.96709
species	OTU51780	-3.73252	-3.71834	0.576674	-4.7489	-2.28105
species	OTU52100	-3.77739	-4.24797	0.862564	-4.90352	-1.62182
species	OTU52368	-3.60365	-3.537	0.709856	-4.9479	-2.18568
species	OTU52370	-3.48029	-3.45182	0.500951	-4.87739	-2.16118
species	OTU5244	-3.79193	-3.83321	0.647931	-4.9479	-2.14768
species	OTU52658	-3.76459	-3.97183	0.813113	-4.9479	-1.09956
species	OTU52864	-3.5465	-3.46845	0.599881	-4.75924	-2.11047
species	OTU53206	-3.7561	-3.68538	0.515651	-4.85926	-2.64054
species	OTU53228	-3.59263	-3.48567	0.576189	-4.85926	-2.44167
species	OTU53441	-3.43098	-3.32341	0.7733	-5.02378	-1.73293
species	OTU53615	-3.84518	-3.85908	0.623009	-4.87739	-2.37149
species	OTU53737	-4.08508	-4.39347	0.661046	-5.02378	-1.87913
species	OTU54291	-3.63853	-3.59021	0.679109	-4.7489	-1.86363
species	OTU54456	-3.86127	-3.88213	0.638364	-5.02378	-2.24538
species	OTU55494	-3.93366	-4.09258	0.589764	-4.81195	-2.31226

species	OTU55752	-3.70299	-3.6249	0.50715	-4.75773	-2.53111
species	OTU55854	-3.72472	-3.62997	0.574821	-4.90352	-2.54449
species	OTU55866	-3.99966	-4.31998	0.640823	-5.02378	-1.89202
species	OTU56222	-3.75756	-4.14854	0.864235	-4.90352	-1.58095
species	OTU5650	-3.87106	-3.92018	0.65405	-4.9479	-1.89101
species	OTU56636	-3.92057	-3.93485	0.5911	-5.02378	-1.87252
species	OTU5675	-3.73636	-3.73227	0.593979	-4.85926	-2.40632
species	OTU57343	-4.07361	-4.3757	0.654209	-5.02378	-1.60107
species	OTU5750	-2.71951	-2.60894	0.609623	-4.54664	-1.49624
species	OTU57537	-3.84248	-3.83052	0.567734	-4.93233	-2.06487
species	OTU5790	-4.08314	-4.39396	0.666728	-5.02378	-1.65761
species	OTU57920	-3.89121	-3.92865	0.603534	-5.02378	-2.18973
species	OTU58156	-3.72255	-3.64591	0.512914	-4.75924	-2.6268
species	OTU58813	-3.46127	-3.39433	0.933313	-5.02378	-1.8313
species	OTU58877	-3.66801	-3.54648	0.539731	-4.78302	-2.38392
species	OTU6000	-3.77794	-3.78704	0.615655	-4.9479	-2.40149
species	OTU60504	-3.87908	-4.10243	0.690201	-4.9479	-1.90535
species	OTU6068	-4.07046	-4.38108	0.650533	-4.9479	-1.79934
species	OTU62137	-3.7648	-4.05477	0.810655	-5.02378	-1.45354
species	OTU62773	-3.81988	-3.78774	0.552473	-4.9479	-2.49771
species	OTU6284	-3.48253	-3.62762	0.973652	-5.02378	-0.61434
species	OTU6324	-4.34604	-4.44267	0.37454	-5.02378	-1.93008
species	OTU6326	-3.93773	-4.20672	0.662662	-4.93233	-2.202
species	OTU63993	-4.32668	-4.44932	0.502719	-4.9479	-1.58552
species	OTU64213	-3.74468	-3.75686	0.634961	-4.9479	-1.75996
species	OTU64589	-4.40202	-4.45326	0.309712	-5.02378	-1.83018
species	OTU65403	-4.01618	-4.35079	0.647713	-5.02378	-2.27394
species	OTU65505	-4.41942	-4.46359	0.375163	-5.02378	-1.41195
species	OTU66878	-3.92443	-4.01774	0.600743	-4.90352	-2.25856
species	OTU67167	-4.2077	-4.43476	0.620536	-5.02378	-1.75072
species	OTU6836	-3.86914	-4.10992	0.680885	-4.9479	-2.14752
species	OTU68552	-3.91766	-4.27533	0.676627	-4.84001	-2.05529
species	OTU68927	-3.95034	-4.31437	0.681689	-5.02378	-1.97061
species	OTU699	-2.7175	-2.57095	0.857761	-4.9479	-1.1064
species	OTU7027	-2.91933	-2.84029	0.518671	-4.7489	-1.93077
species	OTU70446	-4.1151	-4.41737	0.658577	-5.02378	-1.62378
species	OTU70876	-3.8707	-4.10721	0.708993	-4.9479	-1.82137
species	OTU72339	-4.11082	-4.40085	0.596713	-5.02378	-2.1489
species	OTU72899	-3.72933	-3.81258	0.70777	-5.02378	-2.03794
species	OTU7358	-3.83094	-4.20876	0.789203	-4.9479	-1.65466
species	OTU74000	-4.20008	-4.42566	0.583955	-4.9479	-1.67468
species	OTU7445	-3.48074	-3.39872	0.600587	-5.02378	-1.94244
species	OTU7731	-3.57778	-3.54452	0.719975	-4.9479	-1.89456
species	OTU81797	-4.21358	-4.43476	0.607295	-5.02378	-1.93632
species	OTU81863	-4.12111	-4.37011	0.510868	-4.93233	-2.26951
species	OTU82932	-3.94722	-4.31572	0.679891	-5.02378	-2.31232
species	OTU83309	-3.75742	-3.75374	0.581932	-4.84991	-2.31081

species	<i>OTU8371</i>	-3.76938	-3.84559	0.712584	-5.02378	-1.8767
species	<i>OTU8674</i>	-2.14747	-1.91116	0.890267	-4.9479	-0.78158
species	<i>OTU8773</i>	-2.23689	-2.00781	0.779774	-4.68153	-1.13829
species	<i>OTU9283</i>	-3.50389	-3.63367	0.92119	-4.84991	-1.08642
species	<i>OTU9465</i>	-3.38508	-3.32167	0.581715	-4.7489	-2.17763
species	<i>OTU9628</i>	-3.95166	-4.25842	0.642719	-4.9479	-2.39398
species	<i>OTU9952</i>	-3.23312	-3.37134	1.086413	-5.02378	-0.44953
species	<i>Parabacteroides_OTU3</i>	-2.75038	-2.69368	0.623876	-4.41929	-1.02101
species	<i>Parabacteroides_OTU4</i>	-2.51175	-2.41222	0.641986	-4.28262	-1.06389
species	<i>Parabacteroides_OTU8</i>	-2.20975	-2.1569	0.624908	-4.30492	-0.86008
species	<i>Roseburia_OTU7</i>	-2.82821	-2.76805	0.476097	-4.3996	-1.50323
species	<i>Ruminococcus lactaris ATCC 29</i>	-2.446	-2.41112	0.540844	-4.34139	-1.06045
species	<i>Ruminococcus torques ATCC 27</i>	-2.86667	-2.73167	0.720781	-4.51092	-1.45032
species	<i>Streptococcus suis 05ZYH33</i>	-3.57729	-3.60363	0.449597	-4.55945	-1.99328
species	<i>Streptophyta_OTU17</i>	-3.12519	-3.23411	0.823953	-4.60249	-0.48468
species	<i>TM7_genera_incertae_sedis_C</i>	-3.25658	-3.21633	0.567614	-4.55823	-1.61921
species	<i>TM7_genera_incertae_sedis_C</i>	-3.06357	-2.97154	0.622619	-4.51092	-1.49338
species	<i>TM7_genera_incertae_sedis_C</i>	-3.43513	-3.39141	0.565858	-4.55823	-1.75789
species	<i>Turicibacter_OTU30</i>	-3.10466	-3.24638	0.948272	-4.64687	-0.84344
species	<i>Variovorax paradoxus (T)</i>	-2.85	-2.84238	0.57944	-4.25101	-0.66529
species	<i>Weissella confusa (T)</i>	-2.93596	-2.81152	0.62674	-4.64687	-1.22192