

Exploring the under-investigated “microbial dark matter” of drinking water treatment plants

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README FILE

#title: Table_S1

Description: Description table of the samples.

#title: Table_S2

Description: Table with relative abundance of the bacteria recovered.

#title: Table_S3

Description: Water samples microbiological analyses

#title: Table_S4

Description: Water samples physico-chemical analyses

#title: Table_S5_DistTurnoverBySample_all_samples

description: Phylogenetic turnover distance matrix by sample. All 84 sample are considered.

#title: Table_S6_DistTurnoverBySample_site1

Description: Phylogenetic turnover distance matrix by sample. Only sample of Site 1 and with identical carbon filter are considered.

#title: Figure_S1

Description: Pie chart of microbial composition of water samples

#title: Figure_S2

Description: Figure reporting change over time and sampling points within a DWTP, expressed as turnover

#title:output_phyloh_site1

Description: PhyloH output that can be viewed with any web browser. Only sample of Site 1 and with identical carbon filter are considered.

#title: phyloh_output_all_sample

Description: PhyloH output that can be viewed with any web browser. All 84 sample are considered.

#SampleID	DWTP	Sampling point	Date	External T (°C)	Weather
3A.s	Site 1	groundwater	Dec-13	7	sunny
3B.s	Site 1	outlet of granular activated carbon filters	Dec-13	7	sunny
3C.s	Site 1	outlet of chlorination basin	Dec-13	7	sunny
4A.s	Site 1	groundwater	Jan-14	1	cloudy
4B.s	Site 1	outlet of granular activated carbon filters	Jan-14	1	cloudy
4C.s	Site 1	outlet of chlorination basin	Jan-14	1	cloudy
5A.s	Site 1	groundwater	Feb-14	8	rain
5B.s	Site 1	outlet of granular activated carbon filters	Feb-14	8	rain
5C.s	Site 1	outlet of chlorination basin	Feb-14	8	rain
6A.s	Site 1	groundwater	Mar-14	14	sunny
6B.s	Site 1	outlet of granular activated carbon filters	Mar-14	14	sunny
6C.s	Site 1	outlet of chlorination basin	Mar-14	14	sunny
7A.s	Site 1	groundwater	Apr-14	18	sunny
7B.s	Site 1	outlet of granular activated carbon filters	Apr-14	18	sunny
7C.s	Site 1	outlet of chlorination basin	Apr-14	18	sunny
8A.s	Site 1	groundwater	May-14	19	sunny
8B.s	Site 1	outlet of granular activated carbon filters	May-14	19	sunny
8C.s	Site 1	outlet of chlorination basin	May-14	19	sunny
9A.s	Site 1	groundwater	Jun-14	16	thunderous
9B.s	Site 1	outlet of granular activated carbon filters	Jun-14	16	thunderous
9C.s	Site 1	outlet of chlorination basin	Jun-14	16	thunderous
10A.s	Site 1	groundwater	Jul-14	28	sunny

10B.s	Site 1	outlet of granular activated carbon filters	Jul-14	28	sunny
10C.s	Site 1	outlet of chlorination basin	Jul-14	28	sunny
11A.s	Site 1	groundwater	Aug-14	25	sunny
11B.s	Site 1	outlet of granular activated carbon filters	Aug-14	25	sunny
11C.s	Site 1	outlet of chlorination basin	Aug-14	25	sunny
12A.s	Site 1	groundwater	Sept-14	21	sunny
12B.s	Site 1	outlet of granular activated carbon filters	Sept-14	21	sunny
12C.s	Site 1	outlet of chlorination basin	Sept-14	21	sunny
13A.s	Site 1	groundwater	Oct-14	16	rain
13B.s	Site 1	outlet of granular activated carbon filters	Oct-14	16	rain
13C.s	Site 1	outlet of chlorination basin	Oct-14	16	rain
14A.s	Site 1	groundwater	Nov-14	10	sunny
14B.s	Site 1	outlet of granular activated carbon filters	Nov-14	10	sunny
14C.s	Site 1	outlet of chlorination basin	Nov-14	10	sunny
1A_cr.s	Site 2	groundwater	Oct-14	16	rain
1B_cr.s	Site 2	outlet of granular activated carbon filters	Oct-14	16	rain
1C_cr.s	Site 2	outlet of chlorination basin	Oct-14	16	rain
2A_cr.s	Site 2	groundwater	Nov-14	10	sunny
2B_cr.s	Site 2	outlet of granular activated carbon filters	Nov-14	10	sunny
2C_cr.s	Site 2	outlet of chlorination basin	Nov-14	10	sunny

Sample	Other Bacteria	Parcubacteria (OD1)	OP1	Microgenomates (OP11)	OP3	Dependentiae (TM6)	Saccharibacteria (TM7)	WS3
1A.cr.s	0.987770935	0.002856371	0	0.000211854	0.007246853	7.31E-06	0.001709439	0.0002411
1B.cr.s	0.584005566	0.394365757	0	0.000812932	0.019377482	0	0.001336648	0.0001329
1C.cr.s	0.567316017	0.406969697	0	0	0.023419913	0.002640693	0	0
2A.cr.s	0.954859375	0.01084375	0	0.001234375	0.0298125	0	0.00325	0
2B.cr.s	0.569904656	0.40557527	0	0.000983368	0.020586601	0.00043824	0.002939416	0
2C.cr.s	0.811387975	0.172538089	0	0	0.015361402	0	0.00182325	0
3A.s	0.734159308	0.164601729	0	0.015255883	0.075664556	0.000295872	0.001257455	0.0128057
3B.s	0.37907161	0.600296444	0	0.002624131	0.016170168	0.000243885	0.000958526	0.0012743
3C.s	0.357099684	0.622341695	0	2.39E-05	0.020693824	0	0	1.59E-05
4A.s	0.911784633	0.038659901	0	0.002945121	0.045103218	0	0.000345672	0.0017284
4B.s	0.373099874	0.610043992	0	0.002504465	0.013328107	0.000152446	0.000675117	0.0006098
4C.s	0.744383425	0.248190215	0	0.000124813	0.007988018	0	0	0
5A.s	0.788097389	0.08901517	0.000131	0.006198583	0.109096961	0.00098911	0.002073327	0.005414
5B.s	0.254136852	0.730980421	0	0.000465862	0.013416816	0.000263988	0.000121124	0.0008137
5C.s	0.386389584	0.591596459	0	0.002766511	0.017245157	0.000338554	0.001097497	0.0011378
6A.s	0.736283277	0.151987594	0	0.018506074	0.087516154	0.001530111	0.001623158	0.0056655
6B.s	0.30172487	0.669697227	0	0.002662362	0.025065851	0.000141615	0.000481491	0.0014728
6C.s	0.152578382	0.834154851	0	0.001621916	0.010677615	0.000190068	0.001081277	2.11E-05
7A.s	0.795978517	0.068272967	0	0.004417065	0.125561905	0.000171992	0.002384433	0.0033851
7B.s	0.467710072	0.505654144	0	0.001089955	0.018146054	0.000485371	0.006548248	0.0004513
7C.s	0.569095066	0.411592659	0	0.002855318	0.011235992	0.000267996	0.004658503	0.0007246
8A.s	0.871273352	0.00269819	0	0.000120995	0.121442745	0.001996419	0.002794986	0
8B.s	0.362591687	0.605145105	0	0.001009886	0.018844123	0.000903582	0.011448921	9.57E-05
8C.s	0.424044103	0.551825559	0	0.000138592	0.021250712	1.54E-05	0.002725635	0
9A.s	0.758343137	0.110189256	0	0.009411182	0.111737147	0.000165109	0.003033868	0.0087507
9B.s	0.472762236	0.474245149	0	0.00291799	0.041425893	0.000583598	0.007338028	0.000928
9C.s	0.342837591	0.618971585	0	0.000130344	0.034801877	0	0.001433785	0.0020203
10A.s	0.898645619	0.056886072	0	0.007913587	0.032519732	0.000093837	0.001126044	0.003889

10B.s	0.764289699	0.210212662	0	0.002816442	0.015089051	0	0.006326789	0.0015647
10C.s	0.677496346	0.283890544	0	0.001350626	0.033025588	0.00096209	0.002368221	0.0012581
11A.s	0.941085415	0.029627566	0.00031	0.001331228	0.026376892	0.000897805	0.000959723	0.0002167
11B.s	0.511375135	0.461767402	0.000137	0.000559531	0.017899023	0.000273813	0.00767271	0.0004524
11C.s	0.649431579	0.326905263	0	0.00151579	0.014484211	0.000336842	0.007073684	0.0005895
12A.s	0.858271115	0.075973633	5.61E-06	0.007656779	0.044253492	0.003323917	0.001378893	0.0097139
12B.s	0.538165721	0.436519898	0	0.004541689	0.013374829	0.00101246	0.0054995	0.0017229
12C.s	0.763000324	0.206852142	0	0.003816485	0.021678444	0.002852249	0.001800356	0
13A.s	0.895913718	0.030433122	0	0.003621423	0.067371637	0	0.000961323	0.0016988
13B.s	0.464865208	0.506943858	0	0.001683146	0.016817375	0.000598608	0.008803065	0.0004859
13C.s	0.846733668	0.118181634	0	0.004265278	0.025662587	0.001195494	0.003991733	1.01E-05
14A.s	0.796144354	0.071024631	0	0.022735074	0.080929343	0.000367749	0.001936813	0.0274831
14B.s	0.987257609	0.007563406	0	0.000519682	0.004585427	0.000267483	0.000323527	0.0004942
14C.s	0.977647538	0.000251054	0	0.000649278	0.009029287	0	0.012033278	0.0003896

#SampleID	Coliforms at 37°C (MPN / 100 mL)	Enterococci (MPN / 100mL)	<i>Escherichia coli</i> (MPN / 100mL)	<i>Pseudomonas aeruginosa</i> (CFU / 250mL)	<i>Clostridium perfringens</i> (and spores)
3C.s	0	0	0	0	NA
4C.s	0	0	0	NA	0
5C.s	0	0	0	0	NA
6C.s	0	0	0	NA	0
7C.s	0	0	0	0	NA
8C.s	0	0	0	NA	0
9C.s	0	0	0	0	NA
10C.s	0	0	0	NA	0
11C.s	0	0	0	0	NA
12C.s	0	0	0	NA	0
13C.s	0	0	0	0	NA
14C.s	0	0	0	NA	0
1C_cr.s	0	0	0	0	NA
2C_cr.s	0	0	0	NA	0

The methods for microbiological parameters are:

- (a) *Escherichia coli* (*E. coli*) and coliform bacteria (EN ISO 9308-1 or EN ISO 9308-2)
- (b) *Enterococci* (EN ISO 7899-2)
- (c) *Pseudomonas aeruginosa* (EN ISO 16266)
- (d) *Clostridium perfringens* including spores (EN ISO 14189).

- (a) The Colilert system (IDEXX Laboratories) was used according to the manufacturer's instructions. 100 mL of drinking water was mixed with the substrate and incubated in a 51 well QuantiTray for 24 h at $37 \pm 1^\circ\text{C}$. Total coliform-positive wells displayed a yellow colour, whereas *E. coli*-positive wells were yellow and fluoresced under UV light (365 nm). Counts of the number of positive wells were transferred to a Most Probable Number (MPN) of the target organisms.
- (b) The Enterolert system (IDEXX Laboratories) was used according to the manufacturer's instructions. 100 mL of drinking water was mixed with the substrate and incubated in a 51 well QuantiTray for 24 h at $41 \pm 0.5^\circ\text{C}$. Total enterococci-positive wells fluoresced under UV light (365 nm). Counts of the number of positive wells were transferred to a Most Probable Number (MPN) of the target organisms.
- (c) Membrane filtration followed by incubation of the membrane on CN agar at $(36 \pm 2)^\circ\text{C}$ for (44 ± 4) h. Count all colonies that produce blue/green (pyocyanin) colour.
- (d) Membrane filtration followed by anaerobic incubation of the membrane on m-CP agar at $44 \pm 1^\circ\text{C}$ for 21 ± 3 hours. Count opaque yellow colonies that turn pink or red after exposure to ammonium hydroxide vapours for 20 to 30 seconds.

#SampleID	Alcalinity (mg/L)	Cl2(mg/L)	Colour (CU)	Conductivity at 20°C (µS/cm)	[H+] (pH)	Total hardness (°F)	Index of aggressivity	Dry residue at 180°C (mg/L)	Temperature (°C)	Turbidity (NTU)
3A.s	200	NA	0	716	7.4	30	12.14	465.4	14.6	0.01
3B.s	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3C.s	203	0.02	0.19	704	7.45	28	12.38	457.6	12.9	0.06
4A.s	180.94	NA	<0.01	689.119	7.64	32.31	12.4	447.927	14.3	<0.010
4B.s	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4C.s	171.56	0.03	<0.01	617.309	7.65	30.01	12.36	401.251	12.9	<0.010
5A.s	174.28	NA	<0.01	720.201	7.69	28.69	12.34	468.131	13.8	<0.010
5B.s	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5C.s	172.05	0.01	<0.01	703.086	7.6	28.57	12.25	457.006	14.5	<0.010
6A.s	224.94	NA	<0.01	717.68	8.04	33	12.26	466.492	15.1	<0.010
6B.s	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
6C.s	221.74	0.01	<0.01	702.726	7.81	NA	NA	456.772	14.7	<0.010
7A.s	210.58	NA	<0.01	728.947	7.62	29.21	12.41	473.816	15.2	<0.010
7B.s	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
7C.s	209.66	0.02	<0.01	724.798	7.63	29.15	12.42	471.119	15.6	<0.010
8A.s	207.57	NA	<0.01	702.467	7.55	28.99	12.33	456.604	15.5	NA
8B.s	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
8C.s	207.59	0.02	<0.01	680.313	7.66	<0.01	<1.00	442.203	16	NA
9A.s	207.34	NA	<0.01	711.002	7.64	26.15	12.37	462.151	17.1	NA
9B.s	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9C.s	207.52	0.04	<0.01	700.165	7.53	29.48	12.32	455.107	16.3	NA
10A.s	193.95	NA	<0.01	732.79	7.62	28.34	12.36	476.314	17	NA
10B.s	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
10C.s	191.08	0.01	<0.01	697.342	7.52	31.87	12.31	453.272	17.7	NA
11A.s	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11B.s	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11C.s	210.94	0	<0.01	725.479	7.38	33.09	12.23	471.561	18.8	NA
12A.s	206.69	NA	NA	735.464	7.77	27.32	12.53	478.052	NA	NA
12B.s	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
12C.s	210.21	0.09	NA	715.535	7.61	28.02	12.38	465.098	16.3	NA

13A.s	212.17	NA	NA	730.142	7.81	26.91	12.57	474.592	NA	<0.010
13B.s	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13C.s	201.82	0.1	NA	703.133	7.71	30.11	12.5	457.036	15.8	<0.010
14A.s	205.37	NA	NA	715.958	7.74	26.55	12.47	465.373	NA	<0.010
14B.s	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14C.s	204.95	0.24	NA	704.303	7.66	32.21	12.48	457.797	14.9	<0.010
1A_cr.s	203.81	NA	NA	727.981	7.77	27.41	12.51	473.188		<0.010
1B_cr.s	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1C_cr.s	202.33	0.1	NA	716.098	7.59	31.36	12.39	465.464	15.5	<0.010
2A_cr.s	207.82	NA	NA	729.129	7.64	27.75	12.4	473.934		<0.010
2B_cr.s	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2C_cr.s	199.06	0.03	NA	698.868	7.57	32.35	12.38	454.264	14.9	<0.010

	10A.r.s	10A.s	10B.r.s	10B.s	10C.r.s	10C.s	11A.r.s	11A.s	11B.r.s	11B.s	11C.r.s	11C.s	12A.r.s	12A.s	12B.r.s
10A.r.s															
10A.s	0.013333														
10B.r.s	0.134235	0.148236													
10B.s	0.129259	0.143160	0.007575												
10C.r.s	0.146993	0.162163	0.017643	0.017368											
10C.s	0.136735	0.151519	0.018238	0.024589	0.006099										
11A.r.s	0.063784	0.060732	0.147008	0.142266	0.150356	0.138959									
11A.s	0.064863	0.056976	0.154611	0.148788	0.159889	0.149428	0.014060								
11B.r.s	0.169007	0.187949	0.026503	0.019840	0.018173	0.028052	0.177775	0.186713							
11B.s	0.156508	0.174350	0.036214	0.026793	0.025471	0.035527	0.163262	0.172253	0.011414						
11C.r.s	0.150190	0.165677	0.023109	0.026268	0.028589	0.029933	0.155535	0.163134	0.022007	0.027171					
11C.s	0.163682	0.181595	0.019198	0.016008	0.014572	0.023464	0.173238	0.180944	0.009067	0.018375	0.014450				
12A.r.s	0.055456	0.048624	0.142590	0.139118	0.157831	0.146774	0.067461	0.071746	0.182595	0.168858	0.159088	0.177197			
12A.s	0.059913	0.053378	0.149597	0.145653	0.164683	0.153031	0.074504	0.078123	0.187936	0.174160	0.164210	0.181442	0.016025		
12B.r.s	0.135489	0.155108	0.022486	0.026502	0.032913	0.034129	0.156152	0.167094	0.028716	0.033265	0.025249	0.024179	0.150094	0.151513	
12B.s	0.142955	0.161055	0.019255	0.022201	0.030957	0.033859	0.165499	0.175497	0.028773	0.043859	0.036535	0.024350	0.154739	0.157356	0.013167
12C.r.s	0.133540	0.148612	0.022421	0.027261	0.017057	0.015217	0.132612	0.143581	0.035591	0.041035	0.033490	0.027121	0.144115	0.150617	0.032685
12C.s	0.119953	0.134002	0.037807	0.041512	0.035751	0.033465	0.119928	0.131091	0.050592	0.043987	0.037359	0.042317	0.129868	0.137040	0.035909
13A.r.s	0.089861	0.079247	0.219862	0.212412	0.219202	0.204880	0.064764	0.069502	0.251400	0.233744	0.224989	0.247527	0.080065	0.088353	0.227118
13A.s	0.087340	0.075003	0.220962	0.213111	0.221505	0.205824	0.060297	0.051278	0.252599	0.234882	0.226408	0.247861	0.086924	0.092869	0.233062
13B.r.s	0.184558	0.203435	0.029366	0.025144	0.022645	0.034156	0.194854	0.202504	0.016870	0.035565	0.035615	0.015132	0.199382	0.205251	0.032905
13B.s	0.154227	0.172375	0.032442	0.022521	0.032910	0.046207	0.165538	0.168058	0.022078	0.026062	0.034620	0.021355	0.168237	0.173936	0.033354
13C.r.s	0.112465	0.123689	0.040120	0.042464	0.036204	0.030354	0.104568	0.115161	0.057902	0.065901	0.058792	0.049422	0.116753	0.121158	0.049998
13C.s	0.123672	0.136564	0.028972	0.024625	0.023472	0.029038	0.125131	0.133397	0.037691	0.048098	0.046785	0.031290	0.131420	0.136236	0.041091
14A.r.s	0.063734	0.054982	0.189636	0.183578	0.198375	0.185122	0.059369	0.063497	0.228960	0.211256	0.202587	0.223371	0.064465	0.064852	0.195155
14A.s	0.064999	0.054945	0.198710	0.193411	0.210859	0.198358	0.077113	0.069015	0.241231	0.224456	0.213151	0.232614	0.067303	0.070076	0.209567
14B.r.s	0.052292	0.052092	0.130221	0.125165	0.143085	0.136335	0.069684	0.069996	0.167301	0.148637	0.142972	0.157989	0.073006	0.073549	0.130849
14B.s	0.043877	0.037768	0.148955	0.142681	0.163119	0.152340	0.057579	0.055401	0.186962	0.171036	0.160713	0.177469	0.054136	0.056127	0.154044
14C.r.s	0.139507	0.128998	0.216407	0.211322	0.222653	0.216188	0.114616	0.110582	0.246529	0.232179	0.214894	0.241041	0.121390	0.127117	0.230938
14C.s	0.147238	0.134083	0.222465	0.217760	0.229604	0.224404	0.121526	0.117530	0.253607	0.238847	0.221203	0.248047	0.123401	0.130697	0.238426
1A.cr.r.s	0.093445	0.082274	0.183358	0.175702	0.184169	0.172714	0.056861	0.057651	0.210259	0.195995	0.184504	0.207273	0.074643	0.082576	0.195370
1A.cr.s	0.105215	0.093663	0.199957	0.192459	0.202772	0.191690	0.076312	0.074032	0.228981	0.213380	0.198967	0.225020	0.089257	0.095489	0.211456
1B.cr.r.s	0.179484	0.196553	0.035908	0.030241	0.020655	0.031536	0.191976	0.199464	0.027511	0.043045	0.053212	0.024430	0.194649	0.196254	0.054129
1B.cr.s	0.097300	0.098147	0.123421	0.118049	0.125365	0.118974	0.095230	0.100667	0.136712	0.119292	0.116359	0.136513	0.098329	0.092659	0.120244
1C.cr.r.s	0.190150	0.208178	0.040997	0.037394	0.024951	0.035706	0.200388	0.207627	0.033883	0.051181	0.060805	0.029153	0.205604	0.210339	0.062002

1C.cr.s	0.179916	0.197379	0.039103	0.035566	0.021572	0.030306	0.189620	0.197716	0.030587	0.045425	0.054980	0.027062	0.197238	0.203140	0.058975
2A.cr.r.s	0.099012	0.087515	0.212013	0.204718	0.215942	0.204205	0.067962	0.069406	0.243987	0.227412	0.213995	0.237515	0.088298	0.096358	0.221149
2A.cr.s	0.105025	0.091559	0.225732	0.218217	0.229317	0.217115	0.070683	0.071761	0.258494	0.241098	0.226670	0.252477	0.088814	0.096501	0.236393
2B.cr.r.s	0.174433	0.191549	0.034571	0.027506	0.021758	0.033580	0.184297	0.192168	0.028805	0.041640	0.054492	0.025368	0.189134	0.195356	0.052896
2B.cr.s	0.173412	0.191517	0.032906	0.026909	0.020562	0.031602	0.186197	0.195014	0.024068	0.036306	0.050092	0.022053	0.189552	0.188344	0.047359
2C.cr.r.s	0.169102	0.182737	0.036159	0.037052	0.020783	0.026630	0.172701	0.179272	0.033491	0.046766	0.051261	0.029475	0.179569	0.178077	0.057917
2C.cr.s	0.175681	0.190348	0.036512	0.037502	0.021666	0.028649	0.182109	0.188673	0.032837	0.047233	0.052172	0.028941	0.187394	0.185491	0.057839
3A.r.s	0.040213	0.040515	0.127406	0.122748	0.144321	0.133604	0.065315	0.072184	0.165780	0.152100	0.145956	0.160306	0.049354	0.052282	0.128284
3A.s	0.040335	0.041040	0.128077	0.123349	0.140431	0.129591	0.060065	0.067141	0.162801	0.149172	0.143735	0.158149	0.046013	0.051998	0.127867
3B.r.s	0.149941	0.171141	0.059033	0.045471	0.056956	0.070459	0.175694	0.185415	0.043954	0.044253	0.066603	0.048074	0.158164	0.161313	0.057025
3B.s	0.124560	0.139345	0.121972	0.118440	0.140602	0.138550	0.152255	0.160347	0.129838	0.124769	0.122748	0.133202	0.122336	0.119812	0.112203
3C.r.s	0.178020	0.196009	0.033258	0.035872	0.022123	0.023531	0.190303	0.199362	0.022883	0.037611	0.038935	0.025147	0.189272	0.195512	0.050933
3C.s	0.134025	0.148601	0.082416	0.077993	0.070301	0.066380	0.144262	0.154080	0.060702	0.046730	0.060705	0.072831	0.138183	0.144956	0.074644
4A.r.s	0.047118	0.043704	0.165438	0.158962	0.175616	0.162873	0.050441	0.047665	0.203188	0.187510	0.179317	0.196480	0.063671	0.069382	0.174161
4A.s	0.047964	0.044215	0.165677	0.159284	0.175825	0.162917	0.049511	0.046839	0.203657	0.188003	0.179024	0.196848	0.058456	0.064876	0.173292
4B.r.s	0.159776	0.179824	0.022986	0.026647	0.026778	0.028994	0.180127	0.187759	0.030030	0.049944	0.044871	0.027241	0.176013	0.180588	0.040136
4B.s	0.162144	0.182500	0.026453	0.029906	0.030111	0.032570	0.183076	0.190899	0.032989	0.051736	0.048098	0.029225	0.176191	0.181353	0.044520
4C.r.s	0.185653	0.205011	0.035827	0.033482	0.019271	0.026015	0.199240	0.207971	0.020929	0.035595	0.043389	0.022125	0.201591	0.208056	0.053374
4C.s	0.142895	0.158037	0.082806	0.078825	0.070776	0.066347	0.150764	0.159642	0.062697	0.047638	0.058386	0.072903	0.150706	0.157787	0.076768
5A.r.s	0.047559	0.042193	0.169595	0.164051	0.180365	0.166213	0.045867	0.050965	0.207686	0.190711	0.183657	0.202965	0.045240	0.045056	0.171156
5A.s	0.045201	0.039626	0.177007	0.170553	0.184842	0.170007	0.042373	0.047623	0.214517	0.196277	0.190055	0.209523	0.046257	0.048383	0.179409
5B.r.s	0.187945	0.209167	0.033300	0.028223	0.021750	0.032302	0.205065	0.214911	0.018934	0.035001	0.045335	0.019359	0.202772	0.208438	0.046729
5B.s	0.189375	0.210462	0.037899	0.032636	0.024472	0.035870	0.207450	0.217077	0.023355	0.040496	0.054527	0.024353	0.205513	0.211777	0.052528
5C.r.s	0.144093	0.163224	0.042283	0.029948	0.033659	0.043669	0.164048	0.173315	0.021852	0.018516	0.038766	0.028332	0.157895	0.161673	0.041797
5C.s	0.112456	0.128036	0.061464	0.058165	0.066985	0.064418	0.132863	0.141018	0.055689	0.043038	0.048042	0.062265	0.120477	0.121625	0.051374
6A.r.s	0.042490	0.040708	0.148340	0.144513	0.161786	0.151174	0.060516	0.055817	0.185308	0.171391	0.165204	0.180058	0.056086	0.059084	0.153866
6A.s	0.039123	0.038955	0.153445	0.149170	0.170303	0.158665	0.066376	0.060889	0.191484	0.176959	0.171883	0.187113	0.047463	0.053347	0.157519
6B.r.s	0.127582	0.144614	0.039395	0.026196	0.032956	0.043833	0.145064	0.153009	0.026025	0.024211	0.045398	0.030193	0.139394	0.144499	0.041315
6B.s	0.085226	0.096308	0.070725	0.067873	0.080806	0.075567	0.097701	0.109743	0.077701	0.068527	0.066715	0.081188	0.087164	0.090408	0.061030
6C.r.s	0.171509	0.190757	0.056316	0.044662	0.037065	0.046785	0.185706	0.194633	0.023022	0.015570	0.040462	0.033227	0.183644	0.190464	0.052792
6C.s	0.201359	0.221744	0.037535	0.035806	0.022186	0.031192	0.217297	0.226054	0.021564	0.037875	0.046124	0.021932	0.217247	0.223473	0.053139
7A.r.s	0.067170	0.057651	0.178074	0.170315	0.182555	0.170096	0.041570	0.032352	0.210642	0.193969	0.186391	0.205078	0.075335	0.081941	0.189662
7A.s	0.069622	0.059830	0.186986	0.179127	0.189837	0.176044	0.040530	0.034424	0.220033	0.202594	0.194314	0.214138	0.076896	0.083268	0.199858
7B.r.s	0.157639	0.176314	0.016855	0.019972	0.019153	0.022160	0.170530	0.177538	0.023021	0.036657	0.030801	0.018729	0.173631	0.176557	0.032809
7B.s	0.169631	0.189095	0.026183	0.020499	0.019592	0.031233	0.185425	0.191176	0.020457	0.033024	0.042936	0.016751	0.188004	0.191997	0.040356
7C.r.s	0.162579	0.181846	0.027463	0.020906	0.021154	0.030801	0.179339	0.189545	0.010877	0.015469	0.030307	0.015628	0.174816	0.180038	0.031894

0.046180	0.038299	0.070644	0.261644	0.260262	0.022212	0.043530	0.055432	0.039098	0.237310	0.249303	0.182185	0.200178	0.254841	0.261366	0.222422
0.230555	0.194111	0.179828	0.062921	0.061176	0.261341	0.228857	0.156945	0.177747	0.063089	0.080162	0.096430	0.076051	0.097563	0.101687	0.060736
0.245841	0.206911	0.190644	0.056682	0.056969	0.276369	0.243070	0.166496	0.188071	0.065055	0.080991	0.104734	0.082337	0.088355	0.091583	0.059049
0.034800	0.039119	0.070533	0.255908	0.255087	0.016247	0.030988	0.053785	0.031746	0.233287	0.245227	0.168825	0.192797	0.248634	0.255979	0.217391
0.033575	0.038913	0.068593	0.258505	0.259024	0.017296	0.032198	0.054601	0.033935	0.232425	0.245473	0.168355	0.193290	0.252994	0.261042	0.220040
0.046623	0.035271	0.064209	0.239916	0.237805	0.029519	0.049327	0.048141	0.034337	0.216482	0.228273	0.166772	0.184346	0.231269	0.239067	0.197816
0.045422	0.037469	0.067362	0.251404	0.249119	0.027350	0.048394	0.051814	0.036260	0.226661	0.237612	0.173220	0.192555	0.240153	0.247521	0.209508
0.135702	0.130224	0.116126	0.097512	0.100672	0.182999	0.154458	0.110225	0.122259	0.060880	0.068316	0.047713	0.039477	0.145916	0.150557	0.093577
0.135884	0.127921	0.114807	0.088744	0.093215	0.179432	0.151475	0.106550	0.122065	0.057227	0.074588	0.052178	0.040259	0.136880	0.141448	0.085169
0.050061	0.077268	0.090696	0.239692	0.246383	0.052822	0.032657	0.077666	0.060641	0.215740	0.227999	0.157122	0.173812	0.250053	0.257085	0.203530
0.111954	0.142986	0.140280	0.189285	0.198530	0.151570	0.116746	0.125332	0.134515	0.171884	0.184252	0.139180	0.141444	0.209763	0.215518	0.163603
0.040293	0.036547	0.063405	0.262850	0.263745	0.028792	0.051182	0.057360	0.049330	0.240621	0.251906	0.181195	0.201024	0.260225	0.267635	0.223704
0.092019	0.077427	0.070868	0.199328	0.203413	0.097702	0.086281	0.091364	0.095206	0.181216	0.196793	0.137813	0.149888	0.216801	0.222163	0.173176
0.181920	0.156448	0.142761	0.063921	0.052617	0.221310	0.187365	0.125264	0.144998	0.045201	0.048446	0.051093	0.036520	0.125201	0.132624	0.065092
0.181471	0.156000	0.140512	0.059059	0.052065	0.222434	0.187342	0.125318	0.144527	0.046228	0.049648	0.054101	0.038997	0.125414	0.131890	0.062198
0.022631	0.038386	0.068923	0.253452	0.253459	0.026526	0.035820	0.045381	0.037851	0.227744	0.237170	0.165955	0.184531	0.256631	0.264927	0.215275
0.024234	0.041839	0.072715	0.255353	0.255520	0.028194	0.037970	0.048287	0.040572	0.231766	0.240457	0.170022	0.188136	0.258333	0.266829	0.217414
0.041848	0.036373	0.065332	0.271980	0.271588	0.021544	0.045375	0.060833	0.045625	0.247312	0.258584	0.187416	0.209021	0.266384	0.273762	0.233862
0.098114	0.073406	0.066897	0.205731	0.206541	0.096992	0.087646	0.094549	0.097234	0.182980	0.199639	0.143969	0.156534	0.220168	0.225527	0.178756
0.178445	0.163242	0.148894	0.054066	0.057427	0.228921	0.192453	0.124921	0.148637	0.038703	0.058259	0.060176	0.039432	0.115874	0.123944	0.054623
0.187737	0.165609	0.149415	0.048395	0.047520	0.235785	0.200250	0.126225	0.150419	0.034261	0.053835	0.058144	0.039070	0.114284	0.122525	0.049878
0.033798	0.042485	0.071724	0.280622	0.282581	0.016473	0.032071	0.061777	0.043940	0.255855	0.267942	0.190828	0.212664	0.276720	0.284025	0.240995
0.035067	0.046368	0.076939	0.282020	0.283816	0.018131	0.037825	0.064084	0.044919	0.258780	0.269127	0.192851	0.214235	0.277758	0.285272	0.244714
0.046298	0.051764	0.060200	0.232258	0.234746	0.041421	0.028352	0.068047	0.051751	0.204797	0.216041	0.146591	0.164402	0.241657	0.248976	0.198348
0.069269	0.069633	0.061241	0.189713	0.192116	0.090244	0.065720	0.081617	0.082790	0.161723	0.174822	0.115812	0.128154	0.209286	0.216193	0.161150
0.158105	0.148891	0.136909	0.085083	0.076835	0.203456	0.168466	0.123526	0.140427	0.058277	0.062627	0.052119	0.044346	0.135908	0.141903	0.083129
0.160966	0.154790	0.139521	0.085344	0.075999	0.210238	0.171881	0.131341	0.145068	0.059569	0.053480	0.053693	0.042484	0.136026	0.140910	0.088434
0.041257	0.049242	0.060127	0.210556	0.212142	0.040059	0.023768	0.056867	0.040197	0.185345	0.197090	0.130708	0.147364	0.223667	0.231738	0.178662
0.074074	0.077801	0.070119	0.146340	0.154743	0.108818	0.080786	0.073435	0.082433	0.119812	0.137266	0.087245	0.094299	0.178155	0.186422	0.124584
0.063910	0.056270	0.060069	0.255164	0.256921	0.047353	0.044338	0.085381	0.066890	0.230615	0.243173	0.172127	0.192702	0.254667	0.260872	0.220039
0.041703	0.041098	0.070205	0.292806	0.292877	0.019652	0.044870	0.068584	0.050022	0.268046	0.278352	0.202624	0.225932	0.282397	0.289298	0.254399
0.198868	0.163479	0.152690	0.050617	0.031655	0.228294	0.193102	0.130429	0.151620	0.048260	0.056942	0.074206	0.055713	0.109143	0.116374	0.049796
0.208676	0.170289	0.158189	0.049401	0.030735	0.237599	0.203220	0.135303	0.157972	0.049466	0.057641	0.077203	0.058767	0.107782	0.114668	0.051263
0.023188	0.027821	0.053157	0.243299	0.241971	0.023203	0.030283	0.041208	0.031760	0.217510	0.227273	0.156929	0.176547	0.237999	0.245838	0.204810
0.027021	0.035038	0.061938	0.258243	0.257070	0.016054	0.021822	0.048382	0.028650	0.233202	0.242341	0.169324	0.189398	0.251387	0.258633	0.220311
0.029588	0.038267	0.051457	0.252289	0.256436	0.026498	0.028767	0.061881	0.044442	0.223783	0.237427	0.159662	0.181396	0.250987	0.258763	0.212185

7C.s	0.137994	0.155993	0.036263	0.024491	0.039885	0.051867	0.158464	0.167455	0.028607	0.027404	0.044368	0.030620	0.151440	0.155347	0.029953
8A.r.s	0.112887	0.099698	0.236377	0.227387	0.232707	0.218098	0.064199	0.066290	0.265531	0.247721	0.238244	0.262407	0.093766	0.099419	0.247366
8A.s	0.114977	0.101634	0.247173	0.238441	0.244098	0.229304	0.069346	0.069899	0.277300	0.258445	0.249114	0.274161	0.096989	0.102978	0.257399
8B.r.s	0.180736	0.198567	0.027524	0.022100	0.015729	0.027871	0.191122	0.197585	0.013254	0.026048	0.033948	0.013295	0.197148	0.201862	0.042779
8B.s	0.158499	0.178335	0.037051	0.026653	0.029337	0.040568	0.169924	0.180346	0.022289	0.025332	0.041989	0.024211	0.171908	0.176856	0.035630
8C.r.s	0.128457	0.142475	0.058141	0.054904	0.067525	0.064930	0.131007	0.137576	0.063981	0.055350	0.053457	0.061905	0.138388	0.146980	0.044143
8C.s	0.165474	0.184237	0.046605	0.039579	0.030075	0.037543	0.173762	0.183456	0.018267	0.011368	0.033372	0.025828	0.178776	0.186238	0.045056
9A.r.s	0.045330	0.042254	0.166656	0.160655	0.176535	0.164045	0.052712	0.056922	0.205365	0.189571	0.181613	0.200308	0.050497	0.055959	0.172216
9A.s	0.051220	0.039420	0.164783	0.159864	0.174865	0.162763	0.053571	0.056590	0.203835	0.188375	0.179953	0.198007	0.047831	0.051506	0.171204
9B.r.s	0.121481	0.136792	0.026977	0.019535	0.023258	0.029932	0.132573	0.142889	0.030062	0.031740	0.038779	0.026422	0.132458	0.138487	0.033647
9B.s	0.141545	0.158739	0.018217	0.013815	0.011414	0.017953	0.154479	0.165083	0.018646	0.026863	0.034483	0.016377	0.153960	0.159777	0.033038
9C.r.s	0.147311	0.162610	0.033715	0.029943	0.014860	0.017780	0.149859	0.159933	0.018762	0.019424	0.028400	0.023429	0.155608	0.162392	0.041458
9C.s	0.173903	0.190696	0.025871	0.025851	0.009643	0.015199	0.181747	0.190732	0.016580	0.028367	0.034347	0.015961	0.186790	0.192858	0.042915

0.029055	0.052278	0.059783	0.228175	0.233626	0.038091	0.018697	0.063440	0.043848	0.195716	0.210328	0.133480	0.152749	0.232138	0.239167	0.193357
0.257766	0.208027	0.194145	0.046947	0.043799	0.285212	0.252255	0.161763	0.189417	0.066519	0.087310	0.115487	0.092449	0.088265	0.095895	0.052304
0.268061	0.217315	0.201660	0.046873	0.043931	0.296769	0.263040	0.171817	0.199925	0.066829	0.087266	0.117905	0.094592	0.091986	0.098992	0.054597
0.033711	0.033995	0.060566	0.265725	0.263580	0.011272	0.026354	0.059876	0.035450	0.241235	0.250699	0.176844	0.199564	0.252285	0.258729	0.225337
0.034684	0.045144	0.060884	0.239528	0.243269	0.027613	0.017182	0.055243	0.038704	0.217888	0.232465	0.158445	0.178792	0.246185	0.253891	0.204404
0.060837	0.057717	0.052846	0.187746	0.189132	0.078738	0.054892	0.059151	0.059767	0.171609	0.187656	0.125347	0.137832	0.199114	0.204229	0.154436
0.054500	0.044603	0.047996	0.242628	0.243569	0.042608	0.042488	0.069964	0.055239	0.222690	0.235761	0.163920	0.184398	0.243090	0.249958	0.205304
0.180370	0.157911	0.143507	0.058160	0.059672	0.224229	0.192456	0.127790	0.146590	0.034979	0.052992	0.055974	0.041089	0.120384	0.127768	0.059185
0.177242	0.158411	0.145291	0.066334	0.064514	0.220956	0.191326	0.130472	0.148408	0.038354	0.054569	0.059189	0.040419	0.117272	0.122703	0.063924
0.032730	0.034816	0.048201	0.197935	0.200441	0.034722	0.022262	0.039018	0.027543	0.170291	0.185145	0.118397	0.136952	0.213302	0.221739	0.163614
0.025422	0.027016	0.047907	0.224264	0.226462	0.022889	0.026047	0.038166	0.025947	0.197629	0.211016	0.140827	0.160298	0.232945	0.241547	0.187725
0.049162	0.030067	0.040615	0.215378	0.217413	0.037648	0.038451	0.048862	0.040403	0.195161	0.208853	0.146105	0.161560	0.224112	0.231878	0.178706
0.037008	0.025930	0.051042	0.254030	0.254154	0.019200	0.037915	0.048568	0.034424	0.231206	0.242522	0.173288	0.192479	0.250272	0.257097	0.215764

0.211502	0.047896	0.125299	0.053728	0.056110	0.219731	0.234403	0.043353	0.041557	0.063442	0.062479	0.128991	0.127972	0.024132	0.095660	0.060453
0.066510	0.276492	0.134833	0.285484	0.271897	0.052648	0.044384	0.270336	0.273854	0.247538	0.259559	0.114421	0.106177	0.261619	0.208431	0.276575
0.066254	0.288962	0.141280	0.297072	0.284024	0.054880	0.045734	0.281487	0.285519	0.258868	0.270928	0.119557	0.110001	0.271361	0.213544	0.288712
0.241326	0.010916	0.155025	0.014511	0.014748	0.255162	0.270027	0.012292	0.011265	0.019449	0.017704	0.179259	0.175988	0.051644	0.152098	0.017889
0.225659	0.033240	0.141776	0.034367	0.037704	0.237518	0.251514	0.031113	0.030507	0.048926	0.048071	0.154867	0.151380	0.027336	0.117034	0.047446
0.168678	0.096530	0.110255	0.101006	0.096919	0.180500	0.190025	0.089763	0.091590	0.098153	0.100856	0.124794	0.121738	0.088129	0.121735	0.096121
0.223410	0.048808	0.129205	0.055669	0.047454	0.235507	0.248420	0.050207	0.044892	0.049142	0.049609	0.163835	0.160468	0.058533	0.135898	0.033277
0.072052	0.215424	0.090088	0.229623	0.213186	0.061226	0.072111	0.209222	0.209112	0.196898	0.206808	0.039273	0.038258	0.188539	0.149031	0.216233
0.076897	0.210581	0.089999	0.224604	0.208680	0.067459	0.078520	0.205882	0.205328	0.192094	0.201672	0.039890	0.039789	0.188225	0.151485	0.210786
0.186055	0.037687	0.116502	0.041176	0.040396	0.191947	0.208620	0.032399	0.033321	0.046541	0.047520	0.114799	0.112569	0.031703	0.104388	0.049047
0.209979	0.018640	0.128171	0.023358	0.021651	0.217379	0.233605	0.018451	0.016587	0.026507	0.026393	0.136008	0.133793	0.035633	0.116473	0.024493
0.199904	0.036732	0.114960	0.040881	0.033545	0.210819	0.223950	0.039927	0.035884	0.032662	0.034834	0.142110	0.137816	0.055665	0.132189	0.025844
0.235146	0.014272	0.146169	0.016094	0.012911	0.246515	0.261060	0.018096	0.016302	0.015521	0.015107	0.171321	0.167326	0.059929	0.152240	0.011157

0.081281	0.175029	0.175409	0.039215	0.043039	0.055906	0.084694	0.170324	0.177953	0.038538	0.044022	0.021040	0.052123	0.151438	0.154356	0.018834
0.214471	0.073240	0.072462	0.274443	0.276047	0.285353	0.220575	0.065538	0.054436	0.297388	0.299383	0.250170	0.209863	0.102470	0.106118	0.229303
0.223755	0.074320	0.073585	0.285512	0.287194	0.297395	0.228202	0.068221	0.055420	0.309590	0.311642	0.260976	0.217681	0.105673	0.107906	0.239732
0.084398	0.215147	0.216289	0.024127	0.025123	0.011004	0.083103	0.224508	0.230109	0.010725	0.012007	0.031576	0.080794	0.197599	0.205512	0.033596
0.082258	0.193586	0.193728	0.032628	0.036647	0.040779	0.080507	0.194539	0.201079	0.026254	0.031569	0.019489	0.064287	0.175201	0.180928	0.019514
0.085270	0.149962	0.148071	0.081406	0.086095	0.099060	0.078164	0.153052	0.154618	0.092580	0.102158	0.070734	0.061315	0.142151	0.145866	0.068456
0.039235	0.197852	0.197942	0.057414	0.057183	0.031378	0.038540	0.204695	0.208374	0.040108	0.043692	0.026964	0.047886	0.183626	0.189544	0.036673
0.159993	0.030661	0.032537	0.201195	0.204144	0.224852	0.167300	0.021746	0.022324	0.230286	0.231705	0.181488	0.141122	0.041736	0.045737	0.160766
0.154711	0.034165	0.037556	0.198964	0.202109	0.220909	0.163632	0.023803	0.026564	0.226730	0.228695	0.179461	0.141320	0.041003	0.048414	0.158364
0.078811	0.146587	0.147950	0.033519	0.038355	0.046466	0.081309	0.147143	0.154062	0.034824	0.041816	0.026116	0.058266	0.134891	0.141683	0.018747
0.075425	0.172707	0.173695	0.016883	0.020052	0.022436	0.079124	0.174127	0.181510	0.015127	0.017850	0.022088	0.061363	0.156580	0.162896	0.020868
0.043380	0.173444	0.173862	0.041949	0.046068	0.025721	0.042988	0.176565	0.182002	0.031794	0.036877	0.024635	0.050000	0.162376	0.168940	0.031450
0.069964	0.207093	0.208135	0.023570	0.026175	0.007609	0.068494	0.214379	0.220455	0.013294	0.015078	0.033604	0.073690	0.192247	0.199780	0.039815

	10A.r.s	10A.s	10B.r.s	10B.s	10C.r.s	10C.s	11A.r.s	11A.s	11B.r.s	11B.s	11C.r.s	11C.s	12A.r.s	12A.s	12B.r.s
10A.r.s															
10A.s	0.013333														
10B.r.s	0.134235	0.148236													
10B.s	0.129259	0.143160	0.007575												
10C.r.s	0.146993	0.162163	0.017643	0.017368											
10C.s	0.136735	0.151519	0.018238	0.024589	0.006099										
11A.r.s	0.063784	0.060732	0.147008	0.142266	0.150356	0.138959									
11A.s	0.064863	0.056976	0.154611	0.148788	0.159889	0.149428	0.014060								
11B.r.s	0.169007	0.187949	0.026503	0.019840	0.018173	0.028052	0.177775	0.186713							
11B.s	0.156508	0.174350	0.036214	0.026793	0.025471	0.035527	0.163262	0.172253	0.011414						
11C.r.s	0.150190	0.165677	0.023109	0.026268	0.028589	0.029933	0.155535	0.163134	0.022007	0.027171					
11C.s	0.163682	0.181595	0.019198	0.016008	0.014572	0.023464	0.173238	0.180944	0.009067	0.018375	0.014450				
12A.r.s	0.055456	0.048624	0.142590	0.139118	0.157831	0.146774	0.067461	0.071746	0.182595	0.168858	0.159088	0.177197			
12A.s	0.059913	0.053378	0.149597	0.145653	0.164683	0.153031	0.074504	0.078123	0.187936	0.174160	0.164210	0.181442	0.016025		
12B.r.s	0.135489	0.155108	0.022486	0.026502	0.032913	0.034129	0.156152	0.167094	0.028716	0.033265	0.025249	0.024179	0.150094	0.151513	
12B.s	0.142955	0.161055	0.019255	0.022201	0.030957	0.033859	0.165499	0.175497	0.028773	0.043859	0.036535	0.024350	0.154739	0.157356	0.013167
12C.r.s	0.133540	0.148612	0.022421	0.027261	0.017057	0.015217	0.132612	0.143581	0.035591	0.041035	0.033490	0.027121	0.144115	0.150617	0.032685
12C.s	0.119953	0.134002	0.037807	0.041512	0.035751	0.033465	0.119928	0.131091	0.050592	0.043987	0.037359	0.042317	0.129868	0.137040	0.035909
13A.r.s	0.089861	0.079247	0.219862	0.212412	0.219202	0.204880	0.064764	0.069502	0.251400	0.233744	0.224989	0.247527	0.080065	0.088353	0.227118
13A.s	0.087340	0.075003	0.220962	0.213111	0.221505	0.205824	0.060297	0.051278	0.252599	0.234882	0.226408	0.247861	0.086924	0.092869	0.233062
13B.r.s	0.184558	0.203435	0.029366	0.025144	0.022645	0.034156	0.194854	0.202504	0.016870	0.035565	0.035615	0.015132	0.199382	0.205251	0.032905
13B.s	0.154227	0.172375	0.032442	0.022521	0.032910	0.046207	0.165538	0.168058	0.022078	0.026062	0.034620	0.021355	0.168237	0.173936	0.033354
13C.r.s	0.112465	0.123689	0.040120	0.042464	0.036204	0.030354	0.104568	0.115161	0.057902	0.065901	0.058792	0.049422	0.116753	0.121158	0.049998
13C.s	0.123672	0.136564	0.028972	0.024625	0.023472	0.029038	0.125131	0.133397	0.037691	0.048098	0.046785	0.031290	0.131420	0.136236	0.041091
14A.r.s	0.063734	0.054982	0.189636	0.183578	0.198375	0.185122	0.059369	0.063497	0.228960	0.211256	0.202587	0.223371	0.064465	0.064852	0.195155
14A.s	0.064999	0.054945	0.198710	0.193411	0.210859	0.198358	0.077113	0.069015	0.241231	0.224456	0.213151	0.232614	0.067303	0.070076	0.209567
3A.r.s	0.040213	0.040515	0.127406	0.122748	0.144321	0.133604	0.065315	0.072184	0.165780	0.152100	0.145956	0.160306	0.049354	0.052282	0.128284
3A.s	0.040335	0.041040	0.128077	0.123349	0.140431	0.129591	0.060065	0.067141	0.162801	0.149172	0.143735	0.158149	0.046013	0.051998	0.127867
3B.r.s	0.149941	0.171141	0.059033	0.045471	0.056956	0.070459	0.175694	0.185415	0.043954	0.044253	0.066603	0.048074	0.158164	0.161313	0.057025
3B.s	0.124560	0.139345	0.121972	0.118440	0.140602	0.138550	0.152255	0.160347	0.129838	0.124769	0.122748	0.133202	0.122336	0.119812	0.112203
3C.r.s	0.178020	0.196009	0.033258	0.035872	0.022123	0.023531	0.190303	0.199362	0.022883	0.037611	0.038935	0.025147	0.189272	0.195512	0.050933
3C.s	0.134025	0.148601	0.082416	0.077993	0.070301	0.066380	0.144262	0.154080	0.060702	0.046730	0.060705	0.072831	0.138183	0.144956	0.074644
4A.r.s	0.047118	0.043704	0.165438	0.158962	0.175616	0.162873	0.050441	0.047665	0.203188	0.187510	0.179317	0.196480	0.063671	0.069382	0.174161
4A.s	0.047964	0.044215	0.165677	0.159284	0.175825	0.162917	0.049511	0.046839	0.203657	0.188003	0.179024	0.196848	0.058456	0.064876	0.173292
4B.r.s	0.159776	0.179824	0.022986	0.026647	0.026778	0.028994	0.180127	0.187759	0.030030	0.049944	0.044871	0.027241	0.176013	0.180588	0.040136

4B.s	0.162144	0.182500	0.026453	0.029906	0.030111	0.032570	0.183076	0.190899	0.032989	0.051736	0.048098	0.029225	0.176191	0.181353	0.044520
4C.r.s	0.185653	0.205011	0.035827	0.033482	0.019271	0.026015	0.199240	0.207971	0.020929	0.035595	0.043389	0.022125	0.201591	0.208056	0.053374
4C.s	0.142895	0.158037	0.082806	0.078825	0.070776	0.066347	0.150764	0.159642	0.062697	0.047638	0.058386	0.072903	0.150706	0.157787	0.076768
5A.r.s	0.047559	0.042193	0.169595	0.164051	0.180365	0.166213	0.045867	0.050965	0.207686	0.190711	0.183657	0.202965	0.045240	0.045056	0.171156
5A.s	0.045201	0.039626	0.177007	0.170553	0.184842	0.170007	0.042373	0.047623	0.214517	0.196277	0.190055	0.209523	0.046257	0.048383	0.179409
5B.r.s	0.187945	0.209167	0.033300	0.028223	0.021750	0.032302	0.205065	0.214911	0.018934	0.035001	0.045335	0.019359	0.202772	0.208438	0.046729
5B.s	0.189375	0.210462	0.037899	0.032636	0.024472	0.035870	0.207450	0.217077	0.023355	0.040496	0.054527	0.024353	0.205513	0.211777	0.052528
5C.r.s	0.144093	0.163224	0.042283	0.029948	0.033659	0.043669	0.164048	0.173315	0.021852	0.018516	0.038766	0.028332	0.157895	0.161673	0.041797
5C.s	0.112456	0.128036	0.061464	0.058165	0.066985	0.064418	0.132863	0.141018	0.055689	0.043038	0.048042	0.062265	0.120477	0.121625	0.051374
6A.r.s	0.042490	0.040708	0.148340	0.144513	0.161786	0.151174	0.060516	0.055817	0.185308	0.171391	0.165204	0.180058	0.056086	0.059084	0.153866
6A.s	0.039123	0.038955	0.153445	0.149170	0.170303	0.158665	0.066376	0.060889	0.191484	0.176959	0.171883	0.187113	0.047463	0.053347	0.157519
6B.r.s	0.127582	0.144614	0.039395	0.026196	0.032956	0.043833	0.145064	0.153009	0.026025	0.024211	0.045398	0.030193	0.139394	0.144499	0.041315
6B.s	0.085226	0.096308	0.070725	0.067873	0.080806	0.075567	0.097701	0.109743	0.077701	0.068527	0.066715	0.081188	0.087164	0.090408	0.061030
6C.r.s	0.171509	0.190757	0.056316	0.044662	0.037065	0.046785	0.185706	0.194633	0.023022	0.015570	0.040462	0.033227	0.183644	0.190464	0.052792
6C.s	0.201359	0.221744	0.037535	0.035806	0.022186	0.031192	0.217297	0.226054	0.021564	0.037875	0.046124	0.021932	0.217247	0.223473	0.053139
7A.r.s	0.067170	0.057651	0.178074	0.170315	0.182555	0.170096	0.041570	0.032352	0.210642	0.193969	0.186391	0.205078	0.075335	0.081941	0.189662
7A.s	0.069622	0.059830	0.186986	0.179127	0.189837	0.176044	0.040530	0.034424	0.220033	0.202594	0.194314	0.214138	0.076896	0.083268	0.199858
7B.r.s	0.157639	0.176314	0.016855	0.019972	0.019153	0.022160	0.170530	0.177538	0.023021	0.036657	0.030801	0.018729	0.173631	0.176557	0.032809
7B.s	0.169631	0.189095	0.026183	0.020499	0.019592	0.031233	0.185425	0.191176	0.020457	0.033024	0.042936	0.016751	0.188004	0.191997	0.040356
7C.r.s	0.162579	0.181846	0.027463	0.020906	0.021154	0.030801	0.179339	0.189545	0.010877	0.015469	0.030307	0.015628	0.174816	0.180038	0.031894
7C.s	0.137994	0.155993	0.036263	0.024491	0.039885	0.051867	0.158464	0.167455	0.028607	0.027404	0.044368	0.030620	0.151440	0.155347	0.029953
8A.r.s	0.112887	0.099698	0.236377	0.227387	0.232707	0.218098	0.064199	0.066290	0.265531	0.247721	0.238244	0.262407	0.093766	0.099419	0.247366
8A.s	0.114977	0.101634	0.247173	0.238441	0.244098	0.229304	0.069346	0.069899	0.277300	0.258445	0.249114	0.274161	0.096989	0.102978	0.257399
8B.r.s	0.180736	0.198567	0.027524	0.022100	0.015729	0.027871	0.191122	0.197585	0.013254	0.026048	0.033948	0.013295	0.197148	0.201862	0.042779
8B.s	0.158499	0.178335	0.037051	0.026653	0.029337	0.040568	0.169924	0.180346	0.022289	0.025332	0.041989	0.024211	0.171908	0.176856	0.035630
8C.r.s	0.128457	0.142475	0.058141	0.054904	0.067525	0.064930	0.131007	0.137576	0.063981	0.055350	0.053457	0.061905	0.138388	0.146980	0.044143
8C.s	0.165474	0.184237	0.046605	0.039579	0.030075	0.037543	0.173762	0.183456	0.018267	0.011368	0.033372	0.025828	0.178776	0.186238	0.045056
9A.r.s	0.045330	0.042254	0.166656	0.160655	0.176535	0.164045	0.052712	0.056922	0.205365	0.189571	0.181613	0.200308	0.050497	0.055959	0.172216
9A.s	0.051220	0.039420	0.164783	0.159864	0.174865	0.162763	0.053571	0.056590	0.203835	0.188375	0.179953	0.198007	0.047831	0.051506	0.171204
9B.r.s	0.121481	0.136792	0.026977	0.019535	0.023258	0.029932	0.132573	0.142889	0.030062	0.031740	0.038779	0.026422	0.132458	0.138487	0.033647
9B.s	0.141545	0.158739	0.018217	0.013815	0.011414	0.017953	0.154479	0.165083	0.018646	0.026863	0.034483	0.016377	0.153960	0.159777	0.033038
9C.r.s	0.147311	0.162610	0.033715	0.029943	0.014860	0.017780	0.149859	0.159933	0.018762	0.019424	0.028400	0.023429	0.155608	0.162392	0.041458
9C.s	0.173903	0.190696	0.025871	0.025851	0.009643	0.015199	0.181747	0.190732	0.016580	0.028367	0.034347	0.015961	0.186790	0.192858	0.042915

0.024234	0.041839	0.072715	0.255353	0.255520	0.028194	0.037970	0.048287	0.040572	0.231766	0.240457	0.161116	0.158715	0.040760	0.108465	0.020099
0.041848	0.036373	0.065332	0.271980	0.271588	0.021544	0.045375	0.060833	0.045625	0.247312	0.258584	0.184697	0.180724	0.059323	0.154123	0.006423
0.098114	0.073406	0.066897	0.205731	0.206541	0.096992	0.087646	0.094549	0.097234	0.182980	0.199639	0.138959	0.133535	0.096975	0.132486	0.064843
0.178445	0.163242	0.148894	0.054066	0.057427	0.228921	0.192453	0.124921	0.148637	0.038703	0.058259	0.038914	0.036902	0.181793	0.130381	0.218685
0.187737	0.165609	0.149415	0.048395	0.047520	0.235785	0.200250	0.126225	0.150419	0.034261	0.053835	0.044941	0.042300	0.193314	0.145250	0.225501
0.033798	0.042485	0.071724	0.280622	0.282581	0.016473	0.032071	0.061777	0.043940	0.255855	0.267942	0.184162	0.180894	0.038826	0.135875	0.014735
0.035067	0.046368	0.076939	0.282020	0.283816	0.018131	0.037825	0.064084	0.044919	0.258780	0.269127	0.187612	0.184580	0.044343	0.145331	0.016448
0.046298	0.051764	0.060200	0.232258	0.234746	0.041421	0.028352	0.068047	0.051751	0.204797	0.216041	0.138803	0.137946	0.022024	0.097095	0.037632
0.069269	0.069633	0.061241	0.189713	0.192116	0.090244	0.065720	0.081617	0.082790	0.161723	0.174822	0.104474	0.104231	0.056498	0.064806	0.068895
0.158105	0.148891	0.136909	0.085083	0.076835	0.203456	0.168466	0.123526	0.140427	0.058277	0.062627	0.045073	0.044244	0.165559	0.129660	0.194216
0.160966	0.154790	0.139521	0.085344	0.075999	0.210238	0.171881	0.131341	0.145068	0.059569	0.053480	0.042489	0.045476	0.164246	0.121876	0.202369
0.041257	0.049242	0.060127	0.210556	0.212142	0.040059	0.023768	0.056867	0.040197	0.185345	0.197090	0.123660	0.122353	0.017954	0.093878	0.046290
0.074074	0.077801	0.070119	0.146340	0.154743	0.108818	0.080786	0.073435	0.082433	0.119812	0.137266	0.071912	0.072196	0.067120	0.054182	0.095400
0.063910	0.056270	0.060069	0.255164	0.256921	0.047353	0.044338	0.085381	0.066890	0.230615	0.243173	0.167954	0.164906	0.050862	0.138865	0.036666
0.041703	0.041098	0.070205	0.292806	0.292877	0.019652	0.044870	0.068584	0.050022	0.268046	0.278352	0.199904	0.196538	0.060394	0.162385	0.010453
0.198868	0.163479	0.152690	0.050617	0.031655	0.228294	0.193102	0.130429	0.151620	0.048260	0.056942	0.072556	0.066847	0.205947	0.169883	0.222274
0.208676	0.170289	0.158189	0.049401	0.030735	0.237599	0.203220	0.135303	0.157972	0.049466	0.057641	0.077695	0.071977	0.217180	0.179670	0.231632
0.023188	0.027821	0.053157	0.243299	0.241971	0.023203	0.030283	0.041208	0.031760	0.217510	0.227273	0.155859	0.153354	0.050379	0.121133	0.019807
0.027021	0.035038	0.061938	0.258243	0.257070	0.016054	0.021822	0.048382	0.028650	0.233202	0.242341	0.168656	0.166112	0.040865	0.136162	0.026741
0.029588	0.038267	0.051457	0.252289	0.256436	0.026498	0.028767	0.061881	0.044442	0.223783	0.237427	0.155996	0.153827	0.035899	0.114554	0.020628
0.029055	0.052278	0.059783	0.228175	0.233626	0.038091	0.018697	0.063440	0.043848	0.195716	0.210328	0.128991	0.127972	0.024132	0.095660	0.060453
0.257766	0.208027	0.194145	0.046947	0.043799	0.285212	0.252255	0.161763	0.189417	0.066519	0.087310	0.114421	0.106177	0.261619	0.208431	0.276575
0.268061	0.217315	0.201660	0.046873	0.043931	0.296769	0.263040	0.171817	0.199925	0.066829	0.087266	0.119557	0.110001	0.271361	0.213544	0.288712
0.033711	0.033995	0.060566	0.265725	0.263580	0.011272	0.026354	0.059876	0.035450	0.241235	0.250699	0.179259	0.175988	0.051644	0.152098	0.017889
0.034684	0.045144	0.060884	0.239528	0.243269	0.027613	0.017182	0.055243	0.038704	0.217888	0.232465	0.154867	0.151380	0.027336	0.117034	0.047446
0.060837	0.057717	0.052846	0.187746	0.189132	0.078738	0.054892	0.059151	0.059767	0.171609	0.187656	0.124794	0.121738	0.088129	0.121735	0.096121
0.054500	0.044603	0.047996	0.242628	0.243569	0.042608	0.042488	0.069964	0.055239	0.222690	0.235761	0.163835	0.160468	0.058533	0.135898	0.033277
0.180370	0.157911	0.143507	0.058160	0.059672	0.224229	0.192456	0.127790	0.146590	0.034979	0.052992	0.039273	0.038258	0.188539	0.149031	0.216233
0.177242	0.158411	0.145291	0.066334	0.064514	0.220956	0.191326	0.130472	0.148408	0.038354	0.054569	0.039890	0.039789	0.188225	0.151485	0.210786
0.032730	0.034816	0.048201	0.197935	0.200441	0.034722	0.022262	0.039018	0.027543	0.170291	0.185145	0.114799	0.112569	0.031703	0.104388	0.049047
0.025422	0.027016	0.047907	0.224264	0.226462	0.022889	0.026047	0.038166	0.025947	0.197629	0.211016	0.136008	0.133793	0.035633	0.116473	0.024493
0.049162	0.030067	0.040615	0.215378	0.217413	0.037648	0.038451	0.048862	0.040403	0.195161	0.208853	0.142110	0.137816	0.055665	0.132189	0.025844
0.037008	0.025930	0.051042	0.254030	0.254154	0.019200	0.037915	0.048568	0.034424	0.231206	0.242522	0.171321	0.167326	0.059929	0.152240	0.011157

Microbial composition

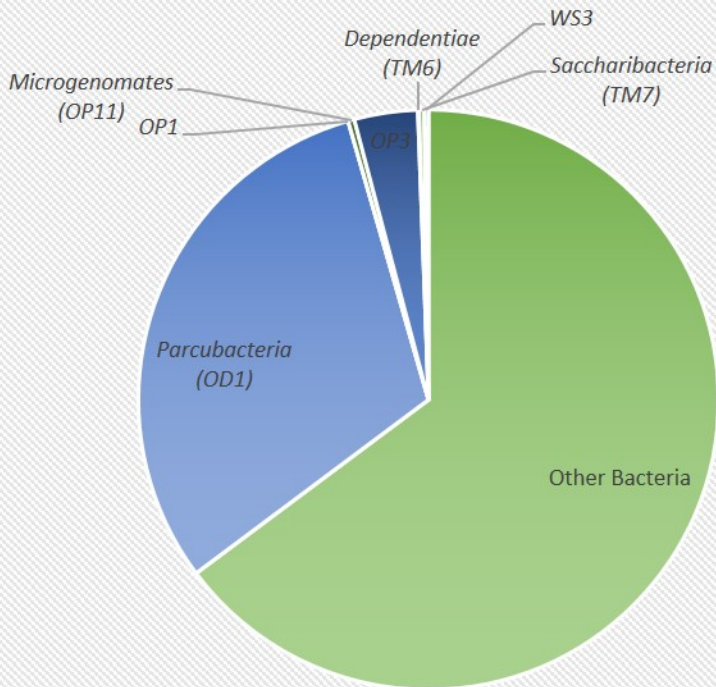


Fig. S1

Bacterial composition of water samples. See Table S2 reporting the relative abundance of the bacteria recovered.

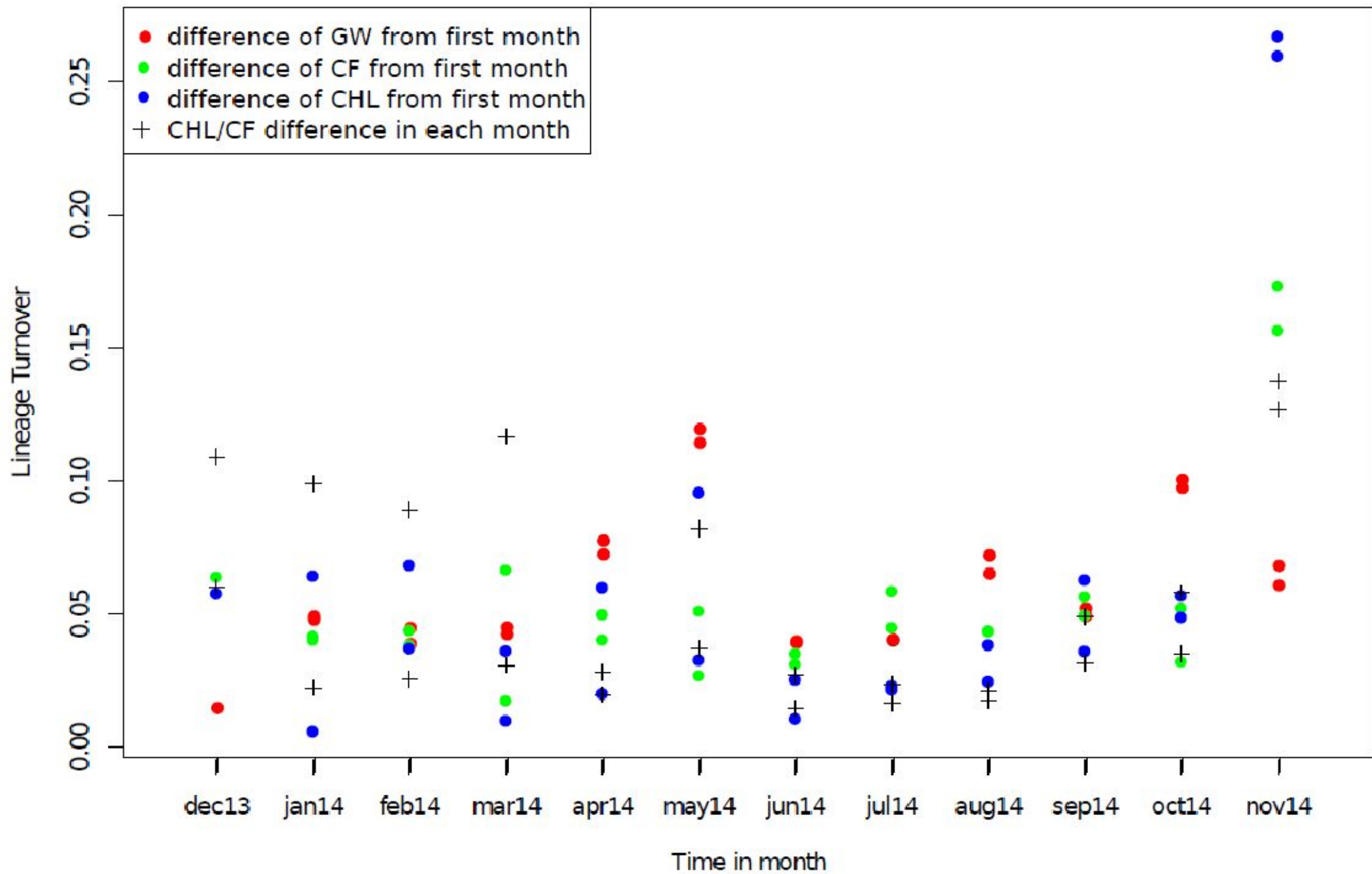


Fig. S2

Change over time and sampling points within a DWTP (Site 1), expressed as *turnover*. The three series of circles show the change with respect to the first sample in December 2013 of their respective technical replica and the other sampling time points. Red, green, and blue circles indicate GW, CF, and CHL compartments, respectively. The cross indicates a comparison for each replica and each time between compartments CF and CHL. Notice that the samples from November 2014 are different from others in CF and CHL compartments (green and blue circles), due to the renewal of carbon filters in the DWTP. Notice that, excluding November 2014, variation across compartments CF and CHL and variation within the three compartments across time are similar and comparable to variation across replicas, indicating a seeding effect of CF on CHL and a lack of a strong temporal trend. This seeding effect is present in the last sample given that differences are smaller across compartment than across time in CHL (blue circle); in November 2014, CHL sample is more different from CF than in the other sampling time points (see also Fig. 1).

output_phylolh_site1

Partitioning information in /home/anna/Scrivania/openw/progetto_acqua/16S_merge_work/phyloH.raxml

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The run call was:

```

esecutorePhyloHPandas.py -s /home/anna/Scrivania/openw/progetto_acqua/16S_merge_work/phyloH.raxml/paper.phylo.20.11/otu_paper.sample.txt -t
/home/anna/Scrivania/openw/progetto_acqua/16S_merge_work/phyloH.raxml/paper.phylo.20.11/nanoarchea_taxa_mod.txt -f
/home/anna/Scrivania/openw/progetto_acqua/16S_merge_work/phyloH.raxml/paper.phylo.20.11/nanoarchea.lb.rm.reroot_newick.txt -g
/home/anna/Scrivania/openw/progetto_acqua/16S_merge_work/phyloH.raxml/paper.phylo.20.11/map_h2o_M_cre.fil.rm.txt -r 999 -h 1 -q 1 -e 1 -k 1 -o
/home/anna/Scrivania/openw/progetto_acqua/16S_merge_work/phyloH.raxml/paper.phylo.20.11/nano_arche.lb.cre.fil.rm.samP.999.e1.k1

```

Experimental Design:

Counts of observations across groups and samples within groups

Total Counts	Group Name	Group Counts	Sample Name	Sample Counts		
4041318	Aquifer	534149	10A.r.s	62411		
			10A.s	27577		
			11A.r.s	1795		
			11A.s	14254		
			12A.r.s	87148		
			12A.s	8342		
			13A.r.s	51516		
			13A.s	20891		
			14A.r.s	14924		
			14A.s	7225		
			3A.r.s	251395		
			3A.s	7622		
			4A.r.s	21877		
			4A.s	84514		
			5A.r.s	283518		
			5A.s	5704		
			6A.r.s	73243		
			6A.s	22480		
			7A.r.s	27784		
			7A.s	12747		
			8A.r.s	8572		
			8A.s	202073		
			9A.r.s	10728		
			9A.s	17584		
			Cfilters	1862664	10B.r.s	33918
					10B.s	88003
					11B.r.s	5133
					11B.s	8683
					12B.r.s	12796
					12B.s	196761
					13B.r.s	80259
					13B.s	43550
					3B.r.s	151853
					3B.s	101531
					4B.r.s	14119
					4B.s	25605
5B.r.s	64882					
5B.s	58469					
6B.r.s	102777					
6B.s	2654					
7B.r.s	19608					
7B.s	85755					
8B.r.s	14488					
8B.s	20192					
9B.r.s	3972					
9B.s	18927					
Chlor	1644505	10C.r.s	1106			

		10C.s	9801
		11C.r.s	20449
		11C.s	56553
		12C.r.s	22187
		12C.s	48275
		13C.r.s	13944
		13C.s	228900
		3C.r.s	100190
		3C.s	21846
		4C.r.s	7657
		4C.s	2580
		5C.r.s	53103
		5C.s	22565
		6C.r.s	612596
		6C.s	212195
		7C.r.s	46101
		7C.s	34101
		8C.r.s	4789
		8C.s	14021
		9C.r.s	18105
		9C.s	10395

Entropy across samples, groups and samples within groups

MaxDiversity gives the values for a maximally balanced experimental design

	nats	Diversity	MaxDiversity
H(G)	1.1	3.0	3.0
H(S)	4.22	68.0	68.0
H(S G)	3.12	22.7	22.7

Gamma diversities:

Total entropy and diversity within each group and overall data

Unit measure for Diversity is equivalent number of independent equi-abundant lineages

	nats	Diversity
Group		
Aquifer	0.798	2.22
Cfilters	0.435	1.54
Chlor	0.451	1.57
Overall	0.677	1.97

Alpha diversities:

Mean entropy and diversity within sample or group

Unit measure for Diversity is equivalent number of independent equi-abundant lineages

	nats	Diversity
H(T S)	0.496	1.64
H(T G)	0.568	1.77

Beta diversity:

Information shared across Tree and Sample or Group vector expressed as nats and turnover of lineage.

Turnover is the percentage of observations not shared across groups

Pvalue is computed with Permutation procedure

	nats	TurnOver	pvalue
I(T,G)	0.109	9.96%	0.0
I(T,S G)	0.0718	2.3%	0.0

Difference of each group from total:

phylogenetic Kullback-Leiber distance between each group and the overall data

--	--

	KullBack-Lieber(PG(i) Ptot(i))
Group	
Aquifer	0.194
Cfilters	0.0582
Chlor	0.0573

Pairwise TurnOver between groups

	Aquifer	Cfilters	Chlor
Aquifer			
Cfilters	14.0%		
Chlor	12.6%	0.573%	

Per Node Statistics mapped on the phylogeny

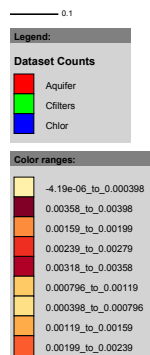
Three types of data are shown on the tree:

1. The color of the branches cyan indicates a contribution to I(T,E) higher than the null distribution, while branches are black otherwise.
2. The background of each branch is a gradient from yellow to red for increased contribution to I(T,E). For details look at the legend on the side
3. Bar plot on each tips indicates the relative frequencies in each group

Look at the tree find an relevant branches and text search the label of the branch to access the correct row on the by node statistics table.

Go itol using the link to modify the tree, or use the itol table and the labelled tree to add further data set (i.e. taxonomic name)

[Click here to modify image](#)



Per Node Statistics in tabular format:

		Metric	I(Ti,G)				By Group Relative Frequency			I(Ti,S G)	
			Stat	nats	TurnOver	pvalue	MultTest	Aquifer	Cfilters	Chlor	nats
Name	Is_Leaf	Taxonomy									
L575	False	Bacteria	0.00437	0.398%	0.0	1	0.518	0.0543	0.0812	0.00069	0.0221%
L420	False	Bacteria	0.00394	0.359%	0.0	1	0.586	0.0738	0.103	0.000581	0.0186%
OTU_6998	True	ZB2	0.00375	0.341%	0.0	1	0.000644	0.0416	0.186	0.00298	0.0955%
L526	False	Bacteria	0.00375	0.341%	0.0	1	0.526	0.055	0.0844	0.000611	0.0196%
L1372	False	OD1	0.00305	0.278%	0.0	1	0.0426	0.683	0.576	0.000622	0.0199%
L422	False	Bacteria	0.00301	0.274%	0.0	1	0.568	0.0611	0.0919	0.000435	0.0139%
L1326	False	OD1	0.00292	0.266%	0.0	1	0.0929	0.741	0.777	0.000342	0.0109%
L527	False	Bacteria	0.00265	0.241%	0.0	1	0.525	0.055	0.0844	0.000432	0.0139%
L1324	False	OD1	0.00261	0.237%	0.0	1	0.13	0.748	0.78	0.000335	0.0107%
L1379	False	ZB2	0.0026	0.237%	0.0	1	0.0147	0.599	0.456	0.000866	0.0277%
L1375	False	OD1	0.00257	0.234%	0.0	1	0.0159	0.599	0.456	0.00087	0.0279%
L1331	False	OD1	0.00252	0.23%	0.0	1	0.0917	0.741	0.777	0.00029	0.00928%
L1363	False	OD1	0.00236	0.215%	0.0	1	0.0709	0.73	0.766	0.000258	0.00825%
L1325	False	OD1	0.00208	0.19%	0.0	1	0.112	0.745	0.779	0.000252	0.00808%
L421	False	Bacteria	0.00196	0.179%	0.0	1	0.579	0.0733	0.102	0.000303	0.00971%
L921	False	koll11	0.00179	0.163%	0.0	1	0.226	0.0249	0.0375	0.000367	0.0117%
L1328	False	OD1	0.00176	0.16%	0.0	1	0.0919	0.741	0.777	0.000203	0.00649%
L1391	False	ZB2	0.0014	0.127%	0.0	1	0.013	0.369	0.323	0.00127	0.0408%
L1315	False	OD1	0.00138	0.126%	0.0	1	0.235	0.762	0.789	0.000314	0.0101%
L612	False	OP3	0.00125	0.113%	0.0	1	0.478	0.0515	0.0792	0.000246	0.00787%
L1350	False	OD1	0.00122	0.111%	0.0	1	0.0861	0.74	0.775	0.000139	0.00445%
L1330	False	OD1	0.00114	0.104%	0.0	1	0.0918	0.741	0.777	0.000131	0.00421%
L1323	False	OD1	0.00114	0.103%	0.0	1	0.224	0.761	0.789	0.000244	0.00781%
L920	False	koll11	0.00111	0.101%	0.0	1	0.239	0.0263	0.0394	0.000187	0.00598%
L576	False	Bacteria	0.0011	0.1%	0.0	1	0.514	0.0543	0.0809	0.000173	0.00553%
L1373	False	OD1	0.00106	0.0966%	0.0	1	0.0163	0.599	0.456	0.00036	0.0115%
L914	False	OP3	0.00106	0.0963%	0.0	1	0.24	0.0264	0.0394	0.000174	0.00557%
L1381	False	ZB2	0.00104	0.0949%	0.0	1	0.0147	0.599	0.455	0.000347	0.0111%
L1332	False	OD1	0.00102	0.0933%	0.0	1	0.0905	0.741	0.776	0.000117	0.00376%
L973	False	koll11	0.000971	0.0885%	0.0	1	0.169	0.0197	0.0267	0.000207	0.00663%
L983	False	koll11	0.000905	0.0825%	0.0	1	0.159	0.0183	0.0258	0.000196	0.00629%
L1386	False	ZB2	0.00089	0.0811%	0.0	1	0.00169	0.222	0.129	0.0012	0.0385%
L1587	False	ZB2	0.00073	0.0665%	0.0	1	0.000808	0.0416	0.186	0.000585	0.0187%
L1407	False	ZB2	0.000705	0.0642%	0.0	1	0.00479	0.303	0.291	0.000817	0.0262%
L1768	False	OD1	0.000639	0.0582%	0.0	1	0.0323	0.00459	0.00215	0.000843	0.027%
L1383	False	ZB2	0.000626	0.057%	0.0	1	0.0147	0.594	0.454	0.000217	0.00695%
L840	False	OP3	0.000602	0.0548%	0.0	1	0.0655	0.00615	0.00876	0.00025	0.008%
L620	False	OP3	0.000571	0.052%	0.0	1	0.478	0.0515	0.0792	0.000114	0.00364%
L1401	False	ZB2	0.00055	0.0501%	0.0	1	0.00777	0.366	0.321	0.000471	0.0151%
L1393	False	ZB2	0.000536	0.0488%	0.0	1	0.0123	0.369	0.323	0.000483	0.0155%
L1370	False	OD1	0.000517	0.0471%	0.0	1	0.0701	0.687	0.578	0.000124	0.00398%
L706	False	OP3	0.000513	0.0467%	0.0	1	0.115	0.0118	0.0212	0.000253	0.00811%
OTU_7148	True	OD1	0.000505	0.046%	0.0	1	0.03	0.00436	0.00202	0.000781	0.025%
L861	False	koll11	0.000485	0.0442%	0.0	1	0.0263	0.00313	0.00442	0.000176	0.00564%
L622	False	OP3	0.000454	0.0414%	0.0	1	0.145	0.0159	0.0266	0.000165	0.00529%
L990	False	koll11	0.000449	0.0409%	0.0	1	0.141	0.0157	0.0246	8.54e-05	0.00274%
L938	False	koll11	0.000447	0.0407%	0.0	1	0.221	0.0247	0.037	9.11e-05	0.00292%
L1371	False	OD1	0.000439	0.04%	0.0	1	0.0694	0.687	0.578	0.000106	0.00339%
L925	False	koll11	0.000433	0.0395%	0.0	1	0.225	0.0249	0.0375	8.96e-05	0.00287%
L443	False	OP11	0.000429	0.0391%	0.0	1	0.039	0.00528	0.0051	0.00021	0.00672%
L458	False	OP11-4	0.000426	0.0388%	0.0	1	0.0345	0.00504	0.00409	0.000225	0.00721%
L621	False	OP3	0.000418	0.0381%	0.0	1	0.237	0.0252	0.0398	0.000119	0.0038%
L1388	False	ZB2	0.000398	0.0363%	0.0	1	0.00168	0.221	0.128	0.000549	0.0176%

OTU_6187	True	ZB2	0.00037	0.0337%	0.0	1	0.000158	0.015	0.0245	0.000729	0.0234%
OTU_65	True	OD1	0.000365	0.0332%	0.0	1	0.00607	0.000764	0.000195	0.000437	0.014%
L838	False	OP3	0.000341	0.031%	0.0	1	0.0658	0.00615	0.00876	0.000141	0.00452%
L644	False	OP3	0.000331	0.0302%	0.0	1	0.134	0.0142	0.0261	0.000137	0.0044%
L927	False	koll11	0.000328	0.0299%	0.0	1	0.224	0.0249	0.0375	6.84e-05	0.00219%
L783	False	OP3	0.000326	0.0297%	0.0	1	0.0504	0.00501	0.0112	0.000236	0.00757%
L1403	False	ZB2	0.00032	0.0291%	0.0	1	0.000597	0.0635	0.0306	0.000553	0.0177%
L929	False	koll11	0.000312	0.0285%	0.0	1	0.224	0.0248	0.037	6.38e-05	0.00204%
L707	False	PBS-25	0.000309	0.0281%	0.0	1	0.051	0.00565	0.00829	0.000217	0.00694%
L1384	False	ZB2	0.000308	0.0281%	0.0	1	0.00172	0.225	0.13	0.000398	0.0128%
L577	False	PRR-12	0.000306	0.0279%	0.0	1	0.0354	0.00278	0.00165	0.000164	0.00526%
L1680	False	OD1	0.000304	0.0277%	0.0	1	0.0178	0.00273	0.00139	0.000132	0.00422%
L1431	False	ZB2	0.000302	0.0275%	0.0	1	0.00589	0.0509	0.079	0.000263	0.00842%
OTU_5414	True	ZB2	0.000298	0.0272%	0.0	1	0.00356	0.267	0.211	0.000539	0.0173%
L173	False	SM2F11	0.000292	0.0266%	0.0	1	0.0117	0.00198	0.000548	0.000173	0.00555%
L1767	False	OD1	0.000289	0.0263%	0.0	1	0.0754	0.0103	0.00573	0.000116	0.00371%
L39	False	OD1	0.00028	0.0255%	0.0	1	0.0143	0.000514	0.00232	0.000172	0.00551%
OTU_185	True	PRR-12	0.00027	0.0246%	0.0	1	0.0141	0.00099	0.000555	0.000456	0.0146%
L940	False	koll11	0.000265	0.0242%	0.0	1	0.221	0.0247	0.0369	5.4e-05	0.00173%
L1427	False	ZB2	0.000264	0.0241%	0.0	1	0.0127	0.0812	0.112	0.000309	0.0099%
L968	False	koll11	0.000258	0.0235%	0.0	1	0.18	0.0214	0.0304	5.65e-05	0.00181%
L950	False	koll11	0.000256	0.0233%	0.0	1	0.21	0.0237	0.0354	5.78e-05	0.00185%
L1317	False	OD1	0.000253	0.023%	0.0	1	0.00904	0.000614	0.0005	0.00017	0.00544%
L931	False	koll11	0.000247	0.0225%	0.0	1	0.224	0.0248	0.037	5.04e-05	0.00161%
L1410	False	ZB2	0.00024	0.0219%	0.0	1	0.00467	0.298	0.282	0.0003	0.00961%
L1782	False	OD1	0.000229	0.0209%	0.0	1	0.0335	0.00442	0.00306	0.000139	0.00446%
OTU_81	True	OD1	0.000228	0.0208%	0.0	1	0.00702	0.00205	0.000547	0.000403	0.0129%
L1741	False	OD1	0.000223	0.0203%	0.0	1	0.0944	0.0131	0.00826	7.93e-05	0.00254%
OTU_4624	True	PRR-11	0.000218	0.0199%	0.0	1	0.00377	8.73e-06	0.000276	0.000526	0.0169%
L52	False	ABY1	0.000202	0.0184%	0.0	1	0.00736	0.0506	0.0222	0.000512	0.0164%
L987	False	koll11	0.000199	0.0181%	0.0	1	0.153	0.0176	0.0256	4.18e-05	0.00134%
L457	False	OP11	0.000194	0.0177%	0.0	1	0.0375	0.00518	0.00417	8.77e-05	0.00281%
L1408	False	ZB2	0.000194	0.0176%	0.0	1	0.00468	0.299	0.283	0.000241	0.00772%
L423	False	Bacteria	0.000192	0.0175%	0.0	1	0.0417	0.00603	0.00747	0.000116	0.00371%
L1809	False	OD1	0.000191	0.0174%	0.0	1	0.00972	0.0011	0.000192	0.000156	0.00501%
L1428	False	ZB2	0.000184	0.0168%	0.0	1	0.0111	0.0521	0.0801	0.000209	0.00671%
L1429	False	ZB2	0.000181	0.0165%	0.0	1	0.0062	0.0509	0.079	0.000159	0.00508%
L645	False	koll11	0.00018	0.0164%	0.0	1	0.0186	0.00244	0.0049	0.0001	0.00321%
L744	False	OP3	0.000174	0.0158%	0.0	1	0.0641	0.00611	0.0129	8.39e-05	0.00269%
L90	False	ABY1	0.000172	0.0156%	0.0	1	0.0241	0.00513	0.00116	9.31e-05	0.00298%
L583	False	PRR-12	0.000159	0.0145%	0.0	1	0.014	0.00144	0.000858	0.000142	0.00454%
L1797	False	OD1	0.000157	0.0143%	0.0	1	0.0288	0.0036	0.00255	0.000105	0.00335%
L1742	False	OD1	0.000155	0.0141%	0.0	1	0.019	0.00281	0.00252	0.000115	0.00367%
L969	False	koll11	0.000154	0.014%	0.0	1	0.177	0.0208	0.0282	3.15e-05	0.00101%
L977	False	koll11	0.000146	0.0133%	0.0	1	0.163	0.0189	0.0262	3.03e-05	0.000971%
L467	False	OP11-4	0.000143	0.013%	0.0	1	0.0297	0.00439	0.00327	9.88e-05	0.00317%
L1829	False	OD1	0.000142	0.0129%	0.0	1	0.013	0.00207	0.00192	0.00014	0.0045%
L711	False	PBS-25	0.00014	0.0128%	0.0	1	0.0507	0.00565	0.00807	9.97e-05	0.00319%
L441	False	Bacteria	0.000139	0.0127%	0.0	1	0.039	0.00541	0.00539	6.98e-05	0.00223%
L1539	False	ZB2	0.000137	0.0125%	0.0	1	0.0268	0.00367	0.00277	0.000108	0.00345%
L934	False	koll11	0.000137	0.0125%	0.0	1	0.222	0.0247	0.037	2.79e-05	0.000893%
L1415	False	ZB2	0.000137	0.0124%	0.0	1	0.000574	0.031	0.0699	0.000263	0.00844%
L1452	False	ZB2	0.000136	0.0124%	0.0	1	0.000524	0.024	0.0397	0.000135	0.00434%
L1446	False	ZB2	0.000136	0.0124%	0.0	1	0.000112	0.0207	0.0288	0.000103	0.00329%
L847	False	koll11	0.000135	0.0123%	0.0	1	0.0315	0.0034	0.00361	8.81e-05	0.00282%
L837	False	OP3	0.000134	0.0122%	0.0	1	0.0921	0.00928	0.0132	3.91e-05	0.00125%
OTU_8000	True	OD1	0.000132	0.012%	0.0	1	0.00865	0.000614	0.000483	9.11e-05	0.00292%
L578	False	PRR-12	0.000129	0.0117%	0.0	1	0.0334	0.00278	0.00165	8e-05	0.00256%
L709	False	PBS-25	0.000129	0.0117%	0.0	1	0.0507	0.00565	0.00829	9.31e-05	0.00298%
L171	False	OD1	0.000126	0.0114%	0.0	1	0.0338	0.00679	0.00442	7.42e-05	0.00238%
L1497	False	ZB2	0.000125	0.0114%	0.0	1	0.00159	0.0291	0.0323	0.000379	0.0122%
L1783	False	OD1	0.000124	0.0113%	0.0	1	0.0332	0.00442	0.00298	7.5e-05	0.0024%
L1013	False	koll11	0.000123	0.0112%	0.0	1	0.0223	0.00245	0.00313	5.35e-05	0.00171%
L495	False	OP11-4	0.000123	0.0112%	0.0	1	0.0155	0.00222	0.00216	0.000222	0.0071%
L1166	False	koll11	0.000122	0.0111%	0.0	1	0.0129	0.00142	0.00194	8.39e-05	0.00269%

L581	False	PRR-12	0.00012	0.011%	0.0	1	0.0148	0.00144	0.000858	9.84e-05	0.00315%
OTU_7453	True	ABY1	0.000118	0.0107%	0.0	1	0.00408	0.000353	0.000265	0.000135	0.00433%
L1841	False	OD1	0.000117	0.0107%	0.0	1	0.00936	0.0013	0.000828	9.15e-05	0.00293%
L1307	False	OD1	0.000117	0.0106%	0.0	1	0.0064	0.000399	0.000845	0.000147	0.00472%
L785	False	OP3	0.000116	0.0105%	0.0	1	0.0503	0.00501	0.0112	8.4e-05	0.00269%
L31	False	OD1	0.000115	0.0105%	0.0	1	0.0158	0.000543	0.00234	7.19e-05	0.0023%
L51	False	OD1	0.000111	0.0101%	0.0	1	0.0491	0.109	0.0581	0.000539	0.0173%
L1743	False	OD1	0.00011	0.0101%	0.0	1	0.0174	0.0019	0.000175	3.98e-05	0.00128%
L61	False	ABY1	0.00011	0.01%	0.0	1	0.00124	0.0496	0.0222	0.000145	0.00463%
L459	False	OP11-4	0.00011	0.01%	0.0	1	0.0305	0.00451	0.00338	6.87e-05	0.0022%
L1807	False	OD1	0.000106	0.00969%	0.0	1	0.0128	0.00126	0.000386	7.04e-05	0.00225%
L1010	False	koll11	0.000105	0.00953%	0.0	1	0.0824	0.00944	0.0155	2.1e-05	0.000673%
OTU_6636	True	ABY1	0.000103	0.00939%	0.0	1	0.00696	0.00231	0.000915	0.00031	0.00994%
L713	False	PBS-25	0.000101	0.00916%	0.0	1	0.0502	0.00565	0.00804	7.27e-05	0.00233%
L1449	False	ZB2	0.0001	0.00911%	0.0	1	0.00142	0.0292	0.0489	8.42e-05	0.0027%
L390	False	ABY1	9.85e-05	0.00898%	0.0	1	0.0052	0.000224	0.000332	5.62e-05	0.0018%
L594	False	PRR-12	9.84e-05	0.00896%	0.0	1	0.0186	0.0013	0.000671	0.000101	0.00323%
L790	False	OP3	9.78e-05	0.0089%	0.0	1	0.0493	0.0049	0.0108	7.13e-05	0.00228%
L1450	False	ZB2	9.72e-05	0.00886%	0.0	1	0.000562	0.0243	0.0397	9.7e-05	0.00311%
L988	False	koll11	9.71e-05	0.00885%	0.0	1	0.143	0.0158	0.0248	1.79e-05	0.000574%
L1316	False	OD1	9.7e-05	0.00884%	0.0	1	0.0107	0.000653	0.000507	4.53e-05	0.00145%
L932	False	koll11	9.7e-05	0.00883%	0.0	1	0.222	0.0247	0.037	1.97e-05	0.000632%
L1656	False	OD1	9.67e-05	0.00881%	0.0	1	0.00788	0.00229	0.000805	0.000168	0.00538%
L232	False	ABY1	9.67e-05	0.00881%	0.0	1	0.0133	0.00172	0.00155	8.66e-05	0.00277%
L1777	False	OD1	9.58e-05	0.00873%	0.0	1	0.0431	0.00575	0.00358	3.91e-05	0.00125%
L1443	False	ZB2	9.51e-05	0.00866%	0.0	1	0.00328	0.0505	0.0787	6.79e-05	0.00217%
L1781	False	OD1	9.5e-05	0.00865%	0.0	1	0.0421	0.00574	0.00358	4.16e-05	0.00133%
OTU_7957	True	OD1	9.48e-05	0.00864%	0.0	1	0.00255	0.000179	1.82e-05	0.000105	0.00337%
OTU_5981	True	ZB2	9.3e-05	0.00847%	0.0	1	0.000505	0.0248	0.0649	0.000189	0.00607%
OTU_7115	True	ABY1	9.28e-05	0.00845%	0.0	1	0.000112	0.015	0.0133	0.000167	0.00536%
L1028	False	koll11	9.27e-05	0.00844%	0.0	1	0.029	0.00339	0.00527	3.23e-05	0.00104%
L1009	False	koll11	8.98e-05	0.00818%	0.0	1	0.0848	0.00956	0.016	1.82e-05	0.000583%
L1246	False	TM7-1	8.87e-05	0.00808%	0.0	1	2.86e-05	0.0112	0.0087	0.000169	0.0054%
OTU_6581	True	ZB2	8.87e-05	0.00808%	0.0	1	0.000284	0.024	0.0397	8.39e-05	0.00269%
L410	False	ABY1	8.77e-05	0.00799%	0.0	1	0.000125	0.0059	0.00827	0.000132	0.00424%
L72	False	ABY1	7.68e-05	0.007%	0.0	1	0.000622	0.0389	0.0113	0.000131	0.00419%
L360	False	ABY1	7.66e-05	0.00697%	0.0	1	0.00616	0.000751	0.00027	0.0001	0.00321%
L528	False	TM6	7.6e-05	0.00692%	0.0	1	0.00747	0.000667	0.00325	0.000249	0.00798%
L123	False	ABY1	7.58e-05	0.00691%	0.0	1	4.16e-05	0.0108	0.00791	0.000117	0.00374%
L843	False	koll11	7.58e-05	0.0069%	0.0	1	0.0409	0.00391	0.00539	4.61e-05	0.00148%
L1808	False	OD1	7.48e-05	0.00681%	0.0	1	0.0104	0.00112	0.000203	5.48e-05	0.00176%
L54	False	ABY1	7.3e-05	0.00665%	0.0	1	0.00736	0.0506	0.0222	0.000185	0.00593%
L68	False	ABY1	7.23e-05	0.00659%	0.0	1	0.000752	0.0472	0.0183	9.94e-05	0.00318%
L989	False	koll11	7.18e-05	0.00654%	0.0	1	0.143	0.0158	0.0248	1.35e-05	0.000434%
OTU_5941	True	OD1	7.13e-05	0.00649%	0.0	1	0.00135	0.00031	8.04e-05	0.000202	0.00646%
L148	False	OD1	7.04e-05	0.00642%	0.0	1	0.00355	0.00061	0.000174	9.79e-05	0.00314%
OTU_314	True	koll11	6.93e-05	0.00631%	0.0	1	0.0104	0.000474	0.000705	4.72e-05	0.00151%
OTU_2703	True	koll11	6.9e-05	0.00628%	0.0	1	0.0141	0.00172	0.000941	6.91e-05	0.00221%
L1853	False	OD1	6.86e-05	0.00625%	0.0	1	0.00858	0.00132	0.000514	2.93e-05	0.000937%
OTU_8447	True	ABY1	6.72e-05	0.00612%	0.0	1	0.000726	0.00753	0.0137	0.00016	0.00513%
L1655	False	OD1	6.72e-05	0.00612%	0.0	1	0.0188	0.00413	0.00234	4.84e-05	0.00155%
L942	False	koll11	6.72e-05	0.00612%	0.0	1	0.221	0.0247	0.0368	1.37e-05	0.000438%
L792	False	OP3	6.61e-05	0.00602%	0.0	1	0.0478	0.00474	0.0107	4.87e-05	0.00156%
OTU_6197	True	OD1	6.59e-05	0.006%	0.0	1	0.00398	0.00022	0.00058	0.000113	0.00361%
L766	False	OP3	6.58e-05	0.006%	0.0	1	0.0548	0.00533	0.0117	4.12e-05	0.00132%
L1011	False	koll11	6.55e-05	0.00597%	0.0	1	0.0703	0.0079	0.0116	1.39e-05	0.000445%
L1167	False	koll11	6.52e-05	0.00594%	0.0	1	0.0124	0.00122	0.00139	3.99e-05	0.00128%
OTU_8254	True	OD1	6.51e-05	0.00593%	0.0	1	0.000906	4.94e-05	1.93e-05	9.51e-05	0.00305%
L733	False	PBS-25	6.48e-05	0.0059%	0.0	1	0.0234	0.00227	0.00269	6.58e-05	0.00211%
L389	False	ABY1	6.42e-05	0.00585%	0.0	1	0.0133	0.00266	0.00139	7.37e-05	0.00236%
OTU_10802	True	OP11-4	6.28e-05	0.00572%	0.0	1	0.00197	0.000126	1.69e-05	6.96e-05	0.00223%
L271	False	OD1	6.23e-05	0.00567%	0.0	1	0.00549	0.00299	0.000973	0.000223	0.00714%
OTU_7960	True	OD1	6.18e-05	0.00563%	0.0	1	0.00101	1.33e-05	2.05e-05	9.61e-05	0.00308%
L260	False	OD1	6.17e-05	0.00562%	0.0	1	0.0148	0.0102	0.00477	0.000319	0.0102%
L81	False	ABY1	6.16e-05	0.00561%	0.0	1	0.0261	0.00817	0.00278	4.36e-05	0.0014%

OTU_8880	True	ABY1	6.15e-05	0.0056%	0.0	1	0.00277	0.000153	1.24e-06	8.16e-05	0.00261%
L1309	False	OD1	6.14e-05	0.00559%	0.0	1	0.00599	0.000399	0.000842	8.38e-05	0.00268%
OTU_7795	True	ABY1	6.07e-05	0.00553%	0.0	1	1.33e-05	0.00531	0.00631	9.97e-05	0.00319%
L512	False	OP11-3	6.04e-05	0.0055%	0.0	1	0.00202	8.71e-05	7.23e-05	0.000131	0.00418%
L28	False	OD1	6.03e-05	0.00549%	0.0	1	0.154	0.155	0.0975	0.000684	0.0219%
OTU_8200	True	ABY1	6e-05	0.00546%	0.0	1	0.00189	6.43e-05	6.92e-06	7.08e-05	0.00227%
OTU_6128	True	ZB2	5.95e-05	0.00542%	0.0	1	0.00496	0.0006	0.000297	9.09e-05	0.00291%
L481	False	OP11-4	5.93e-05	0.0054%	0.0	1	0.0261	0.00383	0.0031	5.3e-05	0.0017%
L951	False	koll11	5.89e-05	0.00537%	0.0	1	0.0304	0.00225	0.00504	3.7e-05	0.00119%
L184	False	SM2F11	5.77e-05	0.00526%	0.0	1	0.00897	0.00166	0.000263	3.74e-05	0.0012%
OTU_260	True	koll11	5.61e-05	0.00511%	0.0	1	0.02	0.00139	0.00111	3.83e-05	0.00123%
L63	False	ABY1	5.61e-05	0.00511%	0.0	1	0.00124	0.0493	0.022	7.35e-05	0.00235%
L789	False	OP3	5.57e-05	0.00507%	0.0	1	0.0495	0.0049	0.0108	4.02e-05	0.00129%
L47	False	OD1	5.55e-05	0.00506%	0.0	1	0.0496	0.11	0.0581	0.00027	0.00866%
L480	False	OP11-4	5.55e-05	0.00506%	0.0	1	0.0267	0.00388	0.00315	4.66e-05	0.00149%
OTU_7384	True	ABY1	5.52e-05	0.00503%	0.0	1	4.16e-05	0.0104	0.0076	9.18e-05	0.00294%
L1842	False	OD1	5.49e-05	0.005%	0.0	1	0.00328	0.000538	0.000632	6.4e-05	0.00205%
OTU_6068	True	OD1	5.48e-05	0.00499%	0.0	1	0.00166	3.93e-05	7.45e-06	7.57e-05	0.00242%
L623	False	PBS-25	5.46e-05	0.00498%	0.0	1	0.0115	0.00166	0.000552	2.48e-05	0.000796%
L767	False	OP3	5.46e-05	0.00497%	0.0	1	0.0546	0.00533	0.0117	3.43e-05	0.0011%
L1594	False	OD1	5.32e-05	0.00484%	0.0	1	0.000249	0.00642	0.00413	0.000125	0.00401%
OTU_6646	True	ZB2	5.31e-05	0.00483%	0.0	1	2.51e-05	0.00534	0.00602	9.11e-05	0.00292%
L366	False	ABY1	5.3e-05	0.00482%	0.0	1	0.00569	0.00046	0.000102	3.63e-05	0.00116%
L320	False	OD1	5.27e-05	0.0048%	0.0	1	0.0128	0.00125	0.00107	3.42e-05	0.0011%
OTU_6705	True	ZB2	5.25e-05	0.00478%	0.0	1	1.36e-05	0.00179	0.00585	4.52e-05	0.00145%
L1543	False	ZB2	5.22e-05	0.00475%	0.0	1	0.0264	0.00367	0.00277	4.24e-05	0.00136%
L1402	False	ZB2	5.21e-05	0.00474%	0.0	1	0.00297	0.0635	0.0306	0.000113	0.00363%
L1412	False	ZB2	5.2e-05	0.00474%	0.0	1	0.00111	0.031	0.071	0.000101	0.00323%
OTU_7221	True	ABY1	5.18e-05	0.00472%	0.0	1	0.00598	0.000237	9.9e-05	3.67e-05	0.00118%
L1855	False	OD1	5.09e-05	0.00464%	0.0	1	0.00794	0.00129	0.000514	2.6e-05	0.000832%
L1426	False	OD1	5.08e-05	0.00463%	0.0	1	0.0263	0.0839	0.12	9.2e-05	0.00295%
L579	False	PRR-12	5.02e-05	0.00457%	0.0	1	0.0148	0.00148	0.000984	4.2e-05	0.00135%
L511	False	OP11	5e-05	0.00456%	0.0	1	0.00298	0.000143	8.33e-05	7.35e-05	0.00236%
L89	False	ABY1	4.98e-05	0.00454%	0.0	1	0.0241	0.00802	0.00276	3.86e-05	0.00124%
L1500	False	ZB2	4.91e-05	0.00448%	0.0	1	0.000318	0.0141	0.00774	0.00025	0.00799%
L1005	False	koll11	4.91e-05	0.00447%	0.0	1	0.09	0.00992	0.0165	9.16e-06	0.000293%
L1444	False	ZB2	4.86e-05	0.00443%	0.0	1	0.00186	0.0213	0.0297	5.59e-05	0.00179%
L46	False	OD1	4.77e-05	0.00435%	0.0	1	0.0523	0.11	0.0582	0.000245	0.00785%
L952	False	koll11	4.75e-05	0.00433%	0.0	1	0.0298	0.00192	0.00494	3.09e-05	0.000991%
L760	False	OP3	4.75e-05	0.00432%	0.0	1	0.0573	0.00544	0.0118	3.03e-05	0.000969%
L1459	False	ZB2	4.6e-05	0.00419%	0.0	1	0.0	0.000294	0.00226	0.000104	0.00332%
L809	False	OP3	4.6e-05	0.00419%	0.0	1	0.0353	0.00348	0.00705	3.78e-05	0.00121%
L12	False	OD1	4.58e-05	0.00417%	0.0	1	0.00181	0.000129	6.93e-06	5.87e-05	0.00188%
L605	False	PRR-12	4.55e-05	0.00414%	0.0	1	0.002	3.67e-06	0.0	5.23e-05	0.00168%
L93	False	ABY1	4.54e-05	0.00414%	0.0	1	0.0222	0.00478	0.00115	2.42e-05	0.000776%
L1791	False	OD1	4.49e-05	0.00409%	0.0	1	0.00296	0.000564	0.00035	4.81e-05	0.00154%
L1661	False	OD1	4.48e-05	0.00408%	0.0	1	0.011	0.00184	0.00153	4.61e-05	0.00148%
OTU_5604	True	OD1	4.42e-05	0.00403%	0.0	1	0.0151	0.00162	0.000144	1.76e-05	0.000563%
L800	False	OP3	4.39e-05	0.004%	0.0	1	0.0463	0.0046	0.0106	3.34e-05	0.00107%
L1092	False	koll11	4.38e-05	0.00399%	0.0	1	0.0104	0.00104	0.00237	4.96e-05	0.00159%
OTU_6570	True	SM2F11	4.34e-05	0.00395%	0.0	1	0.00188	2.64e-05	1.33e-06	4.19e-05	0.00134%
L1567	False	ZB2	4.32e-05	0.00394%	0.0	1	0.00312	0.000439	0.000749	5.84e-05	0.00187%
L233	False	ABY1	4.3e-05	0.00392%	0.0	1	0.00568	0.000301	0.000313	5.21e-05	0.00167%
L359	False	OD1	4.3e-05	0.00391%	0.0	1	0.00717	0.000772	0.000271	4.66e-05	0.00149%
L488	False	OP11-4	4.27e-05	0.00389%	0.0	1	0.0084	0.0014	0.000917	3.94e-05	0.00126%
L300	False	ABY1	4.27e-05	0.00389%	0.0	1	0.000808	0.0112	0.00746	9.1e-05	0.00292%
L597	False	PRR-12	4.26e-05	0.00388%	0.0	1	0.00427	0.000308	0.000116	3.82e-05	0.00123%
L1885	False	OD1	4.25e-05	0.00387%	0.0	1	0.00434	0.000686	0.000229	3.29e-05	0.00105%
OTU_10771	True	OP11-3	4.24e-05	0.00386%	0.0	1	0.00158	0.0	0.0	9.3e-05	0.00298%
L648	False	koll11	4.23e-05	0.00386%	0.0	1	0.017	0.00244	0.00477	2.69e-05	0.000861%
L984	False	koll11	4.22e-05	0.00384%	0.0	1	0.00636	0.0007	0.000206	6.12e-05	0.00196%
OTU_172	True	PBS-25	4.19e-05	0.00382%	0.0	1	0.0146	0.00203	0.00355	6.85e-05	0.00219%
L1596	False	OD1	4.16e-05	0.00379%	0.0	1	0.000249	0.00641	0.00347	8.76e-05	0.00281%
L278	False	ABY1	4.15e-05	0.00378%	0.0	1	0.00357	0.000513	9.59e-05	4.89e-05	0.00157%

L1831	False	OD1	4.12e-05	0.00375%	0.0	1	0.0117	0.00176	0.00184	3.95e-05	0.00126%
OTU_4910	True	OD1	4.07e-05	0.00371%	0.0	1	0.000581	4.26e-05	0.000136	0.000144	0.00461%
L140	False	ABY1	4.07e-05	0.00371%	0.0	1	0.0049	0.0203	0.00712	0.000258	0.00825%
L1112	False	koll11	4.07e-05	0.00371%	0.0	1	0.0276	0.00347	0.00297	1.86e-05	0.000596%
L585	False	PRR-12	4.03e-05	0.00367%	0.0	1	0.0138	0.00144	0.000827	3.72e-05	0.00119%
L64	False	ABY1	3.97e-05	0.00361%	0.0	1	0.00123	0.0472	0.0184	5.84e-05	0.00187%
OTU_7053	True	ABY1	3.95e-05	0.0036%	0.0	1	0.00566	0.000751	0.000239	6.22e-05	0.00199%
L1546	False	ZB2	3.94e-05	0.00359%	0.0	1	0.0242	0.00344	0.00226	3.31e-05	0.00106%
L624	False	PBS-25	3.94e-05	0.00358%	0.0	1	0.00711	0.00151	0.000451	3.12e-05	0.001%
OTU_7302	True	ABY1	3.93e-05	0.00358%	0.0	1	0.00487	0.00125	0.00013	7.35e-05	0.00236%
L1677	False	OD1	3.91e-05	0.00356%	0.0	1	0.00388	0.000373	0.000367	6.68e-05	0.00214%
L1827	False	OD1	3.89e-05	0.00355%	0.0	1	0.0131	0.00207	0.00192	3.81e-05	0.00122%
L794	False	OP3	3.87e-05	0.00352%	0.0	1	0.047	0.00464	0.0106	2.86e-05	0.000915%
L192	False	ABY1	3.86e-05	0.00352%	0.0	1	0.0207	0.00479	0.00385	4.32e-05	0.00138%
OTU_6344	True	OD1	3.85e-05	0.00351%	0.0	1	0.00274	0.000474	6.59e-05	4.66e-05	0.00149%
L628	False	PBS-25	3.84e-05	0.0035%	0.0	1	0.00341	0.000157	0.000101	5.55e-05	0.00178%
OTU_7971	True	OD1	3.83e-05	0.00349%	0.0	1	0.00105	0.000137	4.09e-05	7.55e-05	0.00242%
L807	False	OP3	3.82e-05	0.00348%	0.0	1	0.0435	0.00379	0.00904	2.97e-05	0.000951%
L1230	False	[Acetothermia]	3.8e-05	0.00347%	0.0	1	0.000813	3.22e-05	0.0	8.29e-05	0.00266%
L1689	False	OD1	3.8e-05	0.00346%	0.0	1	0.00947	0.00118	0.000352	1.76e-05	0.000563%
L1843	False	OD1	3.72e-05	0.00339%	0.0	1	0.00315	0.000535	0.000629	4.58e-05	0.00147%
L1027	False	koll11	3.7e-05	0.00337%	0.0	1	0.0407	0.00445	0.00763	1.21e-05	0.000389%
OTU_186	True	koll11	3.67e-05	0.00334%	0.0	1	0.0236	0.00329	0.00244	2.01e-05	0.000645%
L1806	False	OD1	3.64e-05	0.00331%	0.0	1	0.0142	0.00151	0.000588	2.68e-05	0.00086%
L321	False	OD1	3.62e-05	0.0033%	0.0	1	0.0122	0.00122	0.00107	2.42e-05	0.000774%
L97	False	ABY1	3.61e-05	0.00329%	0.0	1	0.0133	0.00241	0.00043	2.52e-05	0.000809%
L1177	False	koll11	3.6e-05	0.00328%	0.0	1	0.0101	0.000799	0.00129	2.25e-05	0.000722%
OTU_242	True	PBS-25	3.59e-05	0.00327%	0.0	1	0.0147	0.00127	0.00106	5.14e-05	0.00165%
OTU_8054	True	ABY1	3.58e-05	0.00326%	0.0	1	0.0015	5.64e-05	2.4e-05	6.29e-05	0.00201%
OTU_281	True	koll11	3.56e-05	0.00324%	0.0	1	0.00378	0.000365	0.000508	5.72e-05	0.00183%
OTU_7992	True	TM7-1	3.46e-05	0.00315%	0.0	1	2.86e-05	0.0112	0.0087	6.57e-05	0.00211%
OTU_183	True	koll11	3.45e-05	0.00314%	0.0	1	0.00884	0.00165	0.000718	6.61e-05	0.00212%
OTU_6978	True	ZB2	3.44e-05	0.00314%	0.0	1	0.00253	0.000261	2.26e-05	4.09e-05	0.00131%
OTU_83	True	Mb-NB09	3.4e-05	0.00309%	0.0	1	0.000655	0.000133	4.67e-05	7.96e-05	0.00255%
L1716	False	Mb-NB09	3.38e-05	0.00308%	0.0	1	0.00271	0.000279	0.000114	6.01e-05	0.00192%
L261	False	OD1	3.36e-05	0.00307%	0.0	1	0.0145	0.008	0.00345	0.000117	0.00375%
L1335	False	ZB2	3.32e-05	0.00302%	0.0	1	0.00371	0.000763	0.00034	4.05e-05	0.0013%
OTU_7002	True	ZB2	3.3e-05	0.00301%	0.0	1	0.000898	0.0	0.0	6.83e-05	0.00219%
L333	False	OD1	3.3e-05	0.003%	0.0	1	0.00169	0.000178	6.94e-05	4.7e-05	0.0015%
L58	False	ABY1	3.29e-05	0.003%	0.0	1	0.00395	0.0505	0.0222	5.77e-05	0.00185%
L1110	False	koll11	3.28e-05	0.00299%	0.0	1	0.0382	0.00418	0.00461	1.08e-05	0.000347%
L803	False	OP3	3.28e-05	0.00299%	0.0	1	0.0435	0.00379	0.0094	2.64e-05	0.000844%
OTU_303	True	koll11	3.25e-05	0.00296%	0.0	1	0.00975	0.00092	0.00203	3.93e-05	0.00126%
L1697	False	Mb-NB09	3.23e-05	0.00295%	0.0	1	0.00103	0.000183	5.56e-05	5.07e-05	0.00163%
L1561	False	ZB2	3.22e-05	0.00294%	0.0	1	0.0057	0.000665	0.000297	4.85e-05	0.00155%
L845	False	koll11	3.2e-05	0.00292%	0.0	1	0.0352	0.0037	0.00461	2.05e-05	0.000656%
OTU_5994	True	ZB2	3.17e-05	0.00289%	0.0	1	0.000434	0.0468	0.0235	6.74e-05	0.00216%
L660	False	koll11	3.16e-05	0.00288%	0.0	1	0.00373	0.000239	0.000608	4.24e-05	0.00136%
L1536	False	OD1	3.13e-05	0.00285%	0.0	1	0.00458	0.000321	0.000696	4.52e-05	0.00145%
L186	False	SM2F11	3.13e-05	0.00285%	0.0	1	0.00602	0.00116	0.000232	3.88e-05	0.00124%
L45	False	OD1	3.08e-05	0.0028%	0.0	1	0.113	0.151	0.0935	0.000436	0.014%
OTU_6780	True	ZB2	3.08e-05	0.0028%	0.0	1	0.0049	0.000601	0.00401	0.000104	0.00334%
L1544	False	ZB2	3.07e-05	0.0028%	0.0	1	0.0247	0.00345	0.00227	2.48e-05	0.000795%
OTU_5705	True	OD1	3.07e-05	0.0028%	0.0	1	0.00949	0.000329	0.00123	2.96e-05	0.000948%
L391	False	ABY1	3.04e-05	0.00277%	0.0	1	0.00404	0.000194	0.000173	2.64e-05	0.000845%
L842	False	OP3	3.04e-05	0.00277%	0.0	1	0.0618	0.00593	0.0078	1.41e-05	0.000451%
OTU_689	True	koll11	3.02e-05	0.00276%	0.0	1	0.00412	0.00044	0.00104	3.17e-05	0.00102%
L811	False	OP3	3.01e-05	0.00274%	0.0	1	0.0352	0.00345	0.00705	2.48e-05	0.000793%
L1413	False	ZB2	2.99e-05	0.00273%	0.0	1	0.000574	0.031	0.0701	5.75e-05	0.00184%
L1712	False	Mb-NB09	2.99e-05	0.00272%	0.0	1	0.00388	0.000522	0.000178	4.31e-05	0.00138%
L646	False	koll11	2.98e-05	0.00272%	0.0	1	0.017	0.00244	0.0049	1.9e-05	0.000609%
OTU_62	True	ZB2	2.96e-05	0.0027%	0.0	1	0.000105	0.014	0.0077	0.000136	0.00436%
L32	False	ABY1	2.96e-05	0.0027%	0.0	1	0.00151	2.88e-05	2.26e-05	3.95e-05	0.00127%
OTU_180	True	koll11	2.96e-05	0.00269%	0.0	1	0.00631	0.000815	0.000432	4.37e-05	0.0014%
OTU_10861	True	OP11-4	2.95e-05	0.00268%	0.0	1	0.00378	0.000517	0.000706	4.34e-05	0.00139%

L972	False	koll11	2.9e-05	0.00265%	0.0	1	0.174	0.0201	0.028	6.08e-06	0.000195%
L1004	False	koll11	2.88e-05	0.00263%	0.0	1	0.128	0.0141	0.0211	4.87e-06	0.000156%
L59	False	ABY1	2.87e-05	0.00261%	0.0	1	0.00169	0.0496	0.0222	3.97e-05	0.00127%
L347	False	ABY1	2.81e-05	0.00256%	0.0	1	0.00421	0.0004	0.000282	3.12e-05	0.000998%
L613	False	BD4-9	2.8e-05	0.00255%	0.0	1	0.00075	1.39e-05	0.0	5.01e-05	0.0016%
L92	False	ABY1	2.78e-05	0.00253%	0.0	1	0.023	0.00489	0.00116	1.5e-05	0.00048%
OTU_2037	True	koll11	2.77e-05	0.00253%	0.0	1	0.0104	0.00114	0.00116	3.29e-05	0.00106%
L874	False	koll11	2.75e-05	0.00251%	0.0	1	0.0183	0.00211	0.00369	1.57e-05	0.000502%
L1550	False	ZB2	2.75e-05	0.0025%	0.0	1	0.0213	0.00308	0.00213	2.61e-05	0.000836%
L523	False	OP11	2.73e-05	0.00248%	0.0	1	0.000965	5.63e-05	1.1e-05	4.83e-05	0.00155%
OTU_85	True	OD1	2.7e-05	0.00246%	0.0	1	0.0003	3.8e-05	0.0	7.99e-05	0.00256%
OTU_7179	True	OD1	2.7e-05	0.00246%	0.0	1	0.000436	0.0	0.0	5.14e-05	0.00165%
OTU_3932	True	SJA-4	2.69e-05	0.00245%	0.0	1	0.00169	0.0	0.0	6.31e-05	0.00202%
L1593	False	OD1	2.69e-05	0.00245%	0.0	1	0.000249	0.00655	0.00413	5.86e-05	0.00188%
OTU_9009	True	Mb-NB09	2.68e-05	0.00245%	0.0	1	0.000989	7.16e-06	2.68e-05	6.86e-05	0.0022%
L730	False	PBS-25	2.68e-05	0.00245%	0.0	1	0.00829	0.000654	0.000908	3.9e-05	0.00125%
OTU_6723	True	OD1	2.65e-05	0.00242%	0.0	1	7.37e-07	0.00132	0.000319	8.13e-05	0.0026%
L1097	False	koll11	2.65e-05	0.00241%	0.0	1	0.0104	0.00142	0.00324	4.09e-05	0.00131%
OTU_8031	True	ABY1	2.64e-05	0.00241%	0.0	1	0.00474	0.00156	0.000421	4e-05	0.00128%
OTU_214	True	PBS-25	2.64e-05	0.00241%	0.0	1	0.00681	0.000276	0.0018	3.71e-05	0.00119%
L1872	False	OD1	2.64e-05	0.0024%	0.0	1	0.00126	0.000384	6.74e-05	5.21e-05	0.00167%
OTU_6683	True	ZB2	2.63e-05	0.0024%	0.0	1	0.00112	2.28e-05	7.83e-05	4.38e-05	0.0014%
L816	False	PBS-25	2.63e-05	0.00239%	0.0	1	0.0205	0.00192	0.00236	2.18e-05	0.000698%
OTU_258	True	koll11	2.61e-05	0.00238%	0.0	1	0.0088	0.00153	0.00102	3.08e-05	0.000987%
L725	False	PBS-25	2.58e-05	0.00235%	0.0	1	0.0324	0.0032	0.00375	2.44e-05	0.000782%
L1456	False	ZB2	2.56e-05	0.00233%	0.0	1	0.000383	0.00491	0.00923	3.76e-05	0.0012%
OTU_8251	True	Mb-NB09	2.56e-05	0.00233%	0.0	1	0.00271	7.87e-05	0.000102	3.59e-05	0.00115%
OTU_9036	True	Mb-NB09	2.55e-05	0.00232%	0.0	1	0.000691	0.0	0.0	5.59e-05	0.00179%
L193	False	ABY1	2.54e-05	0.00232%	0.0	1	0.00733	0.00307	0.0023	9.43e-05	0.00302%
L323	False	OD1	2.54e-05	0.00231%	0.0	1	0.00556	0.000399	0.000181	1.66e-05	0.000531%
L322	False	OD1	2.53e-05	0.00231%	0.0	1	0.00564	0.000399	0.00019	1.62e-05	0.000517%
L1658	False	OD1	2.53e-05	0.0023%	0.0	1	0.00773	0.00226	0.000804	4.53e-05	0.00145%
OTU_8240	True	ABY1	2.53e-05	0.0023%	0.0	1	0.00177	0.000307	0.000581	9.91e-05	0.00317%
OTU_8751	True	OD1	2.51e-05	0.00229%	0.0	1	0.00359	0.00022	0.000749	4.31e-05	0.00138%
OTU_2281	True	koll11	2.51e-05	0.00228%	0.0	1	0.00295	5.65e-05	0.000354	3.91e-05	0.00125%
L141	False	ABY1	2.5e-05	0.00228%	0.0	1	0.00204	0.0188	0.00683	9.58e-05	0.00307%
L1512	False	OD1	2.49e-05	0.00227%	0.0	1	0.00567	0.000801	0.0053	8.02e-05	0.00257%
L1312	False	OD1	2.47e-05	0.00225%	0.0	1	0.000644	0.000136	0.0	6.04e-05	0.00193%
OTU_2093	True	GIF10	2.47e-05	0.00225%	0.0	1	0.00305	0.000166	0.000141	3.92e-05	0.00126%
L248	False	ABY1	2.46e-05	0.00224%	0.0	1	0.00658	0.00139	0.000179	2.73e-05	0.000875%
L1197	False	koll11	2.46e-05	0.00224%	0.0	1	0.00229	0.000142	0.000235	2.02e-05	0.000648%
L822	False	PBS-25	2.45e-05	0.00223%	0.0	1	0.0192	0.0018	0.00236	2.09e-05	0.00067%
L403	False	ABY1	2.44e-05	0.00222%	0.0	1	0.00805	0.0024	0.00106	5.82e-05	0.00186%
L1278	False	TM7-3	2.43e-05	0.00221%	0.0	1	0.00461	0.00027	0.000893	7.4e-05	0.00237%
L424	False	OP11	2.43e-05	0.00221%	0.0	1	0.00269	0.000622	0.00209	0.000112	0.00357%
L4	False	ABY1	2.42e-05	0.00221%	0.0	1	0.00262	0.000604	0.000162	3.37e-05	0.00108%
L1365	False	ZB2	2.42e-05	0.0022%	0.0	1	2.36e-06	0.00169	0.00166	6.63e-05	0.00212%
OTU_8002	True	ABY1	2.41e-05	0.0022%	0.0	1	0.00139	2.16e-05	1.89e-05	5.29e-05	0.00169%
L868	False	koll11	2.41e-05	0.0022%	0.0	1	0.0191	0.00216	0.00371	1.25e-05	0.0004%
L1683	False	Mb-NB09	2.41e-05	0.00219%	0.0	1	0.00307	0.0008	6.87e-05	4.56e-05	0.00146%
OTU_7054	True	ABY1	2.41e-05	0.00219%	0.0	1	0.0038	0.000396	9.49e-05	2.58e-05	0.000827%
OTU_10762	True	OP11-4	2.4e-05	0.00218%	0.0	1	0.00117	0.000201	1.83e-05	2.82e-05	0.000904%
L1663	False	OD1	2.39e-05	0.00218%	0.0	1	0.00332	0.000489	6.59e-05	1.93e-05	0.000619%
OTU_49	True	OD1	2.39e-05	0.00217%	0.0	1	0.000305	1.77e-05	0.0	4.96e-05	0.00159%
OTU_4160	True	GIF10	2.38e-05	0.00217%	0.0	1	0.000808	4.54e-07	0.0	5.02e-05	0.00161%
L864	False	koll11	2.38e-05	0.00217%	0.0	1	0.0198	0.00222	0.00389	1.17e-05	0.000376%
L1523	False	ZB2	2.38e-05	0.00217%	0.0	1	0.00223	0.000274	0.000102	2.77e-05	0.000887%
L137	False	OD1	2.38e-05	0.00217%	0.0	1	0.00933	0.0362	0.0206	0.000108	0.00345%
OTU_6129	True	SM2F11	2.37e-05	0.00216%	0.0	1	0.00295	0.000492	3.11e-05	4.11e-05	0.00132%
L1771	False	OD1	2.37e-05	0.00216%	0.0	1	0.00155	0.000112	7.25e-05	4.38e-05	0.0014%
L1690	False	OD1	2.36e-05	0.00215%	0.0	1	0.00545	0.000635	0.000174	1.02e-05	0.000327%
OTU_7898	True	ABY1	2.36e-05	0.00215%	0.0	1	1.62e-05	0.00262	0.00258	6.71e-05	0.00215%
L1784	False	OD1	2.35e-05	0.00214%	0.0	1	0.00442	0.000814	0.00043	2.24e-05	0.000716%
L427	False	OP11	2.34e-05	0.00213%	0.0	1	0.00128	5.88e-05	0.000189	4.08e-05	0.00131%
L535	False	SBRH58	2.34e-05	0.00213%	0.0	1	0.00161	6.35e-05	0.000116	5.64e-05	0.00181%

L1798	False	OD1	2.33e-05	0.00213%	0.0	1	0.0156	0.00154	0.000626	1.56e-05	0.0005%
L297	False	ABY1	2.32e-05	0.00212%	0.0	1	0.00104	0.0113	0.00876	4.92e-05	0.00158%
OTU_6014	True	SM2F11	2.32e-05	0.00211%	0.0	1	0.00546	0.00116	0.000232	3.09e-05	0.000991%
L1558	False	ZB2	2.31e-05	0.0021%	0.0	1	0.015	0.00175	0.00143	2.05e-05	0.000657%
OTU_633	True	koll11	2.3e-05	0.0021%	0.0	1	0.0183	0.00164	0.00218	1.37e-05	0.000439%
L815	False	OP3	2.3e-05	0.00209%	0.0	1	0.0218	0.00196	0.00236	1.68e-05	0.000538%
L1509	False	OD1	2.3e-05	0.00209%	0.0	1	0.00804	0.0014	0.00549	6.07e-05	0.00194%
L94	False	ABY1	2.28e-05	0.00207%	0.0	1	0.0176	0.0041	0.00072	1.69e-05	0.000542%
L507	False	OP11-4	2.28e-05	0.00207%	0.0	1	0.00379	0.000519	0.000706	3.35e-05	0.00107%
L649	False	koll11	2.27e-05	0.00207%	0.0	1	0.0167	0.00236	0.00459	1.44e-05	0.000461%
OTU_423	True	PBS-25	2.26e-05	0.00206%	0.0	1	0.00673	0.00149	0.000451	1.99e-05	0.000639%
L1511	False	OD1	2.25e-05	0.00205%	0.0	1	0.00804	0.00107	0.0054	5.08e-05	0.00163%
L485	False	OP11-4	2.24e-05	0.00204%	0.0	1	0.00197	0.000126	1.69e-05	2.48e-05	0.000795%
L175	False	SM2F11	2.23e-05	0.00203%	0.0	1	0.00188	0.000239	1.63e-05	3.19e-05	0.00102%
OTU_5431	True	OD1	2.18e-05	0.00199%	0.0	1	0.000642	3.06e-05	0.0	4.1e-05	0.00131%
L974	False	koll11	2.18e-05	0.00198%	0.0	1	0.00633	0.000815	0.000432	3.2e-05	0.00103%
OTU_3387	True	PBS-25	2.17e-05	0.00198%	0.0	1	0.0019	0.0	0.0	6.15e-05	0.00197%
L1336	False	ZB2	2.17e-05	0.00198%	0.0	1	0.00211	0.000168	0.000119	2.2e-05	0.000704%
OTU_7967	True	ABY1	2.17e-05	0.00197%	0.0	1	0.00289	5.32e-05	3.63e-05	2.11e-05	0.000675%
L69	False	ABY1	2.16e-05	0.00196%	0.0	1	0.00013	0.00837	0.00694	3.9e-05	0.00125%
OTU_6576	True	ZB2	2.13e-05	0.00194%	0.0	1	0.000578	1.47e-05	0.0	3.06e-05	0.00098%
OTU_8044	True	WCHB1	2.12e-05	0.00193%	0.0	1	0.000619	1.94e-05	0.0	2.9e-05	0.00093%
L520	False	OP11-3	2.11e-05	0.00192%	0.0	1	0.00165	0.0	0.0	4.36e-05	0.0014%
L1720	False	Mb-NB09	2.11e-05	0.00192%	0.0	1	0.00455	0.000754	0.000968	3.28e-05	0.00105%
L370	False	OD1	2.1e-05	0.00191%	0.0	1	0.00216	0.000332	2.69e-05	2.23e-05	0.000714%
L1790	False	OD1	2.1e-05	0.00191%	0.0	1	0.0034	0.000564	0.000357	1.79e-05	0.000573%
L1714	False	Mb-NB09	2.09e-05	0.0019%	0.0	1	0.00327	0.000287	0.000137	2.95e-05	0.000945%
OTU_6061	True	ZB2	2.09e-05	0.0019%	0.0	1	2.97e-05	0.00196	0.000123	4.1e-05	0.00131%
L309	False	ABY1	2.09e-05	0.0019%	0.0	1	3.62e-05	0.00458	0.00397	2.31e-05	0.000741%
OTU_949	True	koll11	2.09e-05	0.0019%	0.0	1	0.00544	0.000751	0.000179	2.96e-05	0.000949%
L1836	False	OD1	2.08e-05	0.0019%	0.0	1	0.00225	0.000449	0.000857	0.000133	0.00427%
L1533	False	OD1	2.07e-05	0.00189%	0.0	1	3.99e-06	0.000457	0.00111	5.37e-05	0.00172%
L812	False	PBS-25	2.07e-05	0.00189%	0.0	1	0.0134	0.00148	0.00469	3.52e-05	0.00113%
OTU_9039	True	ABY1	2.05e-05	0.00187%	0.0	1	0.0011	9.53e-06	3.57e-06	3.62e-05	0.00116%
OTU_36	True	PBS-25	2.05e-05	0.00187%	0.0	1	0.00332	0.000179	0.000241	4.88e-05	0.00156%
OTU_8035	True	OD1	2.05e-05	0.00186%	0.0	1	0.00168	0.00021	0.000483	9.5e-05	0.00304%
OTU_927	True	PRR-12	2.03e-05	0.00185%	0.0	1	0.00196	5.01e-05	1.6e-05	2.52e-05	0.000807%
OTU_7950	True	ABY1	2.02e-05	0.00184%	0.0	1	0.00131	0.000243	0.000169	6.15e-05	0.00197%
L1572	False	ZB2	2.01e-05	0.00183%	0.0	1	0.0019	0.000256	0.000611	4.66e-05	0.00149%
OTU_7450	True	ABY1	2.01e-05	0.00183%	0.0	1	0.00343	0.000608	0.000174	3.03e-05	0.000972%
L158	False	ABY1	2e-05	0.00182%	0.0	1	0.00278	0.000334	0.000101	2.08e-05	0.000668%
L393	False	ABY1	2e-05	0.00182%	0.0	1	0.00376	0.00017	0.000173	1.73e-05	0.000554%
L1793	False	OD1	2e-05	0.00182%	0.0	1	0.00205	0.000515	0.000331	3.88e-05	0.00124%
OTU_380	True	koll11	1.99e-05	0.00182%	0.0	1	0.00221	0.000322	4.11e-05	3.21e-05	0.00103%
OTU_6571	True	ZB2	1.99e-05	0.00181%	0.0	1	0.00237	0.0	3.51e-05	2.58e-05	0.000826%
OTU_216	True	koll11	1.99e-05	0.00181%	0.0	1	0.00921	0.00121	0.00295	3.73e-05	0.00119%
OTU_7951	True	ABY1	1.99e-05	0.00181%	0.0	1	0.00132	5.2e-05	0.0	3.22e-05	0.00103%
L595	False	PRR-12	1.98e-05	0.0018%	0.0	1	0.00451	0.000308	0.000116	1.66e-05	0.00053%
L5	False	ABY1	1.98e-05	0.0018%	0.0	1	0.00101	5.28e-05	0.000152	2.68e-05	0.00086%
L99	False	ABY1	1.98e-05	0.0018%	0.0	1	0.0113	0.00152	0.000309	1.74e-05	0.000556%
L1178	False	koll11	1.98e-05	0.0018%	0.0	1	0.00674	0.000452	0.000463	1.38e-05	0.000441%
L1352	False	OD1	1.97e-05	0.0018%	0.0	1	0.00323	0.00065	0.00118	8.54e-05	0.00273%
L482	False	OP11-4	1.97e-05	0.0018%	0.0	1	0.0106	0.00161	0.000937	1.21e-05	0.000387%
L405	False	ABY1	1.97e-05	0.0018%	0.0	1	0.00728	0.00232	0.000928	5.38e-05	0.00172%
L308	False	ABY1	1.97e-05	0.0018%	0.0	1	4.13e-05	0.00486	0.00425	2.27e-05	0.000726%
OTU_2374	True	koll11	1.95e-05	0.00178%	0.0	1	0.00104	2.62e-06	6.21e-07	3.76e-05	0.0012%
OTU_8134	True	ZB2	1.94e-05	0.00177%	0.0	1	0.000565	0.0	0.0	4.11e-05	0.00132%
L162	False	ABY1	1.94e-05	0.00177%	0.0	1	0.00208	0.000204	6.51e-05	2.34e-05	0.000751%
L174	False	SM2F11	1.93e-05	0.00176%	0.0	1	0.00246	0.000322	0.000252	2.38e-05	0.000761%
OTU_10749	True	OP11-4	1.92e-05	0.00175%	0.0	1	0.0148	0.00217	0.00208	3.8e-05	0.00122%
L419	False	Bacteria	1.92e-05	0.00175%	0.0	1	0.821	0.835	0.892	0.000182	0.00582%
OTU_7995	True	ABY1	1.92e-05	0.00174%	0.0	1	7.37e-07	0.000415	0.00149	6.04e-05	0.00194%
OTU_1400	True	PBS-25	1.91e-05	0.00174%	0.0	1	0.0103	0.000807	0.00129	2.24e-05	0.000717%
OTU_2490	True	koll11	1.91e-05	0.00174%	0.0	1	0.00605	0.000285	0.00139	4.9e-05	0.00157%
L992	False	koll11	1.91e-05	0.00174%	0.0	1	0.0108	0.00128	0.00254	3.53e-05	0.00113%

OTU_7263	True	ABY1	1.9e-05	0.00173%	0.0	1	0.00408	0.000576	0.000198	1.26e-05	0.000404%
L1111	False	koll11	1.89e-05	0.00172%	0.0	1	0.0332	0.0038	0.00417	6.56e-06	0.00021%
OTU_8072	True	ABY1	1.87e-05	0.00171%	0.0	1	0.000767	8.77e-05	0.00013	4.21e-05	0.00135%
L30	False	OD1	1.87e-05	0.00171%	0.0	1	0.129	0.152	0.0961	0.00028	0.00896%
OTU_163	True	koll11	1.86e-05	0.0017%	0.0	1	0.00822	0.00023	0.00376	3.19e-05	0.00102%
L1463	False	ZB2	1.85e-05	0.00168%	0.0	1	0.00031	0.00446	0.00687	2.93e-05	0.000938%
OTU_8038	True	ABY1	1.85e-05	0.00168%	0.0	1	0.000963	0.0	1.33e-06	3.53e-05	0.00113%
L444	False	OP11-4	1.85e-05	0.00168%	0.0	1	0.00153	9.98e-05	0.000932	7.74e-05	0.00248%
L1786	False	OD1	1.84e-05	0.00168%	0.0	1	0.0042	0.000564	0.000357	1.51e-05	0.000483%
L76	False	ABY1	1.84e-05	0.00168%	0.0	1	0.00226	0.000876	7.94e-05	5.77e-05	0.00185%
OTU_7120	True	ABY1	1.84e-05	0.00167%	0.0	1	0.00264	0.00113	0.000122	5.12e-05	0.00164%
L1356	False	ZB2	1.83e-05	0.00167%	0.0	1	0.00135	6.32e-05	9.89e-06	2.66e-05	0.000851%
OTU_8074	True	ABY1	1.83e-05	0.00167%	0.0	1	0.00013	0.003	0.00269	3.92e-05	0.00125%
L129	False	ABY1	1.81e-05	0.00165%	0.0	1	0.0016	5.64e-05	2.4e-05	2.87e-05	0.000919%
OTU_8776	True	Mb-NB09	1.8e-05	0.00164%	0.0	1	0.00282	0.000674	3e-05	3.55e-05	0.00114%
L1862	False	OD1	1.8e-05	0.00164%	0.0	1	0.00299	0.000578	0.000261	1.56e-05	0.000501%
L856	False	OP3	1.79e-05	0.00163%	0.0	1	0.0188	0.0018	0.0023	1.06e-05	0.000341%
OTU_261	True	koll11	1.79e-05	0.00163%	0.0	1	0.00158	0.000138	0.0	3.82e-05	0.00122%
L1629	False	ZB2	1.78e-05	0.00162%	0.0	1	0.00421	0.000863	0.00177	7.07e-05	0.00227%
OTU_400	True	koll11	1.77e-05	0.00162%	0.0	1	0.00169	0.000149	0.000315	5.42e-05	0.00174%
L1457	False	ZB2	1.77e-05	0.00162%	0.0	1	0.0	0.000298	0.00235	3.72e-05	0.00119%
L96	False	ABY1	1.77e-05	0.00161%	0.0	1	0.0144	0.00273	0.000524	1.15e-05	0.000369%
L183	False	SM2F11	1.77e-05	0.00161%	0.0	1	0.00924	0.00166	0.000295	1.17e-05	0.000376%
L116	False	OD1	1.76e-05	0.00161%	0.0	1	0.0156	0.0481	0.0305	6.71e-05	0.00215%
L262	False	OD1	1.76e-05	0.0016%	0.0	1	0.00905	0.00368	0.00216	4.97e-05	0.00159%
L1056	False	koll11	1.76e-05	0.0016%	0.0	1	0.00422	0.000431	0.000751	2.76e-05	0.000885%
L326	False	ABY1	1.76e-05	0.0016%	0.0	1	0.00111	6.83e-05	0.00011	3.05e-05	0.000976%
L211	False	ABY1	1.74e-05	0.00159%	0.0	1	0.00121	1.04e-05	2.25e-05	2.78e-05	0.000891%
L851	False	koll11	1.74e-05	0.00159%	0.0	1	0.0245	0.00286	0.00211	9.38e-06	0.000301%
L483	False	OP11-4	1.74e-05	0.00159%	0.0	1	0.00221	0.000213	2e-05	2e-05	0.00064%
L1856	False	OD1	1.73e-05	0.00157%	0.0	1	0.0036	0.000604	0.000285	1.11e-05	0.000357%
L538	False	SJA-4	1.72e-05	0.00156%	0.0	1	0.00567	0.000458	0.00297	7.83e-05	0.00251%
L994	False	koll11	1.71e-05	0.00156%	0.0	1	0.0107	0.00127	0.00253	3.2e-05	0.00102%
OTU_6084	True	ZB2	1.7e-05	0.00155%	0.0	1	3.81e-05	0.00431	0.00169	3.41e-05	0.00109%
L1865	False	OD1	1.7e-05	0.00155%	0.0	1	0.00164	0.000194	0.000194	2.23e-05	0.000715%
L1528	False	OD1	1.7e-05	0.00155%	0.0	1	0.00556	0.00121	0.002	4.06e-05	0.0013%
OTU_32	True	Mb-NB09	1.68e-05	0.00153%	0.0	1	0.000377	4.95e-05	8.9e-06	3.63e-05	0.00116%
OTU_6635	True	OD1	1.68e-05	0.00153%	0.0	1	0.000874	5.64e-06	3.78e-06	1.87e-05	0.000599%
L1306	False	OD1	1.68e-05	0.00153%	0.0	1	0.00704	0.000535	0.000845	2.13e-05	0.000681%
OTU_358	True	koll11	1.68e-05	0.00153%	0.0	1	0.00144	8.12e-05	0.000643	6.64e-05	0.00213%
L1692	False	OD1	1.68e-05	0.00153%	0.0	1	0.00375	0.000482	0.000105	1.1e-05	0.000352%
L1778	False	OD1	1.67e-05	0.00152%	0.0	1	0.00101	5.64e-06	3.78e-06	1.47e-05	0.00047%
OTU_6663	True	ZB2	1.67e-05	0.00152%	0.0	1	0.00199	0.000479	8.11e-05	3.2e-05	0.00103%
OTU_6502	True	WCHB1-64	1.66e-05	0.00151%	0.0	1	3.84e-05	0.000403	0.00123	4.82e-05	0.00154%
L489	False	OP11-4	1.66e-05	0.00151%	0.0	1	0.00688	0.00113	0.000826	2.19e-05	0.000702%
OTU_1080	True	koll11	1.65e-05	0.0015%	0.0	1	0.00567	0.000205	0.000775	2.95e-05	0.000946%
OTU_6232	True	ZB2	1.65e-05	0.0015%	0.0	1	5.79e-05	0.00123	0.00528	4.67e-05	0.00149%
L1684	False	Mb-NB09	1.65e-05	0.0015%	0.0	1	0.00292	0.000674	3.75e-05	3.07e-05	0.000985%
OTU_7045	True	ABY1	1.63e-05	0.00149%	0.0	1	7.16e-05	0.0184	0.00659	3.45e-05	0.00111%
OTU_6203	True	OD1	1.61e-05	0.00146%	0.0	1	5.6e-05	0.00615	0.00292	2.89e-05	0.000925%
L380	False	OD1	1.6e-05	0.00146%	0.0	1	0.000985	4.5e-05	5.3e-06	2.28e-05	0.000732%
OTU_7022	True	ABY1	1.6e-05	0.00146%	0.0	1	0.00013	0.00831	0.00692	2.94e-05	0.000943%
OTU_217	True	koll11	1.6e-05	0.00146%	0.0	1	0.00727	0.000675	0.00183	2.82e-05	0.000902%
L251	False	ABY1	1.6e-05	0.00146%	0.0	1	0.00556	0.00139	0.000179	2.39e-05	0.000765%
L1044	False	koll11	1.6e-05	0.00146%	0.0	1	0.0133	0.00166	0.00173	8.23e-06	0.000264%
L101	False	ABY1	1.6e-05	0.00146%	0.0	1	0.0107	0.00119	0.000302	1.34e-05	0.000429%
L714	False	PBS-25	1.59e-05	0.00145%	0.0	1	0.0149	0.00203	0.00355	2.57e-05	0.000825%
L1175	False	koll11	1.59e-05	0.00145%	0.0	1	0.0112	0.000971	0.00134	1.04e-05	0.000334%
L1277	False	TM7	1.59e-05	0.00144%	0.0	1	0.0054	0.000412	0.00107	3.91e-05	0.00125%
OTU_7952	True	ABY1	1.59e-05	0.00144%	0.0	1	0.000773	0.0	9.04e-07	2.51e-05	0.000804%
L1117	False	koll11	1.58e-05	0.00144%	0.0	1	0.0056	0.000328	0.0012	1.69e-05	0.00054%
L737	False	PBS-25	1.58e-05	0.00144%	0.0	1	0.0172	0.00146	0.0023	2.46e-05	0.000789%
L226	False	ABY1	1.58e-05	0.00144%	0.0	1	0.00122	9.87e-05	0.0	3.27e-05	0.00105%
L877	False	koll11	1.58e-05	0.00144%	0.0	1	0.0181	0.00204	0.00368	8.98e-06	0.000288%

OTU_994	True	[Acetothermia]	1.57e-05	0.00143%	0.0	1	0.000404	0.0	0.0	4.1e-05	0.00131%
OTU_9054	True	ABY1	1.55e-05	0.00141%	0.0	1	0.000228	0.0	0.000897	6.9e-05	0.00221%
OTU_347	True	koll11	1.55e-05	0.00141%	0.0	1	0.00245	0.000186	0.00104	5.11e-05	0.00164%
OTU_567	True	koll11	1.54e-05	0.0014%	0.0	1	0.00119	3.33e-05	0.0	3.18e-05	0.00102%
OTU_419	True	koll11	1.52e-05	0.00139%	0.0	1	0.00131	1.91e-05	0.0	2.83e-05	0.000907%
L1857	False	OD1	1.52e-05	0.00138%	0.0	1	0.000613	2.61e-05	2.36e-05	2.22e-05	0.000711%
L1892	False	OD1	1.51e-05	0.00138%	0.0	1	0.00242	0.000516	0.000191	2.72e-05	0.000871%
L1125	False	koll11	1.51e-05	0.00138%	0.0	1	0.00335	0.000233	0.000126	2.77e-05	0.000887%
L136	False	OD1	1.51e-05	0.00138%	0.0	1	0.00941	0.0362	0.0206	6.91e-05	0.00221%
OTU_6177	True	OD1	1.5e-05	0.00137%	0.0	1	0.000672	0.000184	0.0	2.98e-05	0.000955%
L1039	False	koll11	1.5e-05	0.00136%	0.0	1	0.00782	0.000692	0.00215	2.54e-05	0.000813%
L1049	False	koll11	1.49e-05	0.00136%	0.0	1	0.00236	0.000322	4.11e-05	2.24e-05	0.000717%
OTU_6298	True	OD1	1.49e-05	0.00136%	0.0	1	0.00242	0.000175	0.000667	3.9e-05	0.00125%
OTU_10764	True	OP11-4	1.49e-05	0.00135%	0.0	1	0.00525	0.001	0.000599	2.7e-05	0.000864%
L514	False	OP11-3	1.48e-05	0.00135%	0.0	1	0.00185	8.71e-05	7.23e-05	3.58e-05	0.00115%
OTU_7223	True	ABY1	1.47e-05	0.00134%	0.0	1	0.000754	0.000436	9.68e-06	3.64e-05	0.00117%
OTU_8250	True	ABY1	1.47e-05	0.00134%	0.0	1	0.00174	0.000876	7.94e-05	5.67e-05	0.00182%
OTU_2352	True	SJA-4	1.47e-05	0.00134%	0.0	1	0.000817	0.0	0.0	3.03e-05	0.000972%
L1037	False	koll11	1.47e-05	0.00133%	0.0	1	0.00853	0.000714	0.00216	2.1e-05	0.000673%
L1894	False	OD1	1.46e-05	0.00133%	0.0	1	0.00224	0.000452	0.000174	2.61e-05	0.000836%
OTU_247	True	koll11	1.46e-05	0.00133%	0.0	1	0.00407	0.000771	0.000677	4.26e-05	0.00137%
L29	False	OD1	1.46e-05	0.00133%	0.0	1	0.149	0.154	0.0974	0.00018	0.00578%
OTU_6086	True	ZB2	1.44e-05	0.00131%	0.0	1	0.000689	1.13e-05	2e-05	3.18e-05	0.00102%
OTU_8007	True	ABY1	1.42e-05	0.00129%	0.0	1	0.00099	1.29e-05	0.0	3.12e-05	0.000999%
L1472	False	ZB2	1.42e-05	0.00129%	0.0	1	0.00493	0.00119	0.00114	2.63e-05	0.000841%
OTU_5425	True	OD1	1.41e-05	0.00128%	0.0	1	0.00229	0.000277	3.15e-05	1.75e-05	0.000559%
OTU_6667	True	ABY1	1.41e-05	0.00128%	0.0	1	0.000229	0.0387	0.0113	2.25e-05	0.000722%
L346	False	ABY1	1.4e-05	0.00128%	0.0	1	0.00597	0.000708	0.000863	2.13e-05	0.000681%
L274	False	ABY1	1.4e-05	0.00127%	0.0	1	0.000213	0.00217	0.00132	4.59e-05	0.00147%
OTU_2335	True	SBRH58	1.39e-05	0.00127%	0.0	1	0.00126	6.35e-05	0.000116	4.65e-05	0.00149%
OTU_1554	True	PBS-25	1.38e-05	0.00126%	0.0	1	0.000976	0.0	0.0	1.78e-05	0.000569%
L1722	False	Mb-NB09	1.38e-05	0.00126%	0.0	1	0.00451	0.000732	0.000967	2.16e-05	0.000693%
L862	False	koll11	1.37e-05	0.00125%	0.0	1	0.0253	0.00297	0.00407	5.24e-06	0.000168%
L1753	False	OD1	1.37e-05	0.00125%	0.0	1	0.000542	0.000699	0.00192	0.000143	0.0046%
OTU_4950	True	[Acetothermia]	1.36e-05	0.00124%	0.0	1	0.000409	3.22e-05	0.0	2.92e-05	0.000937%
L1696	False	Mb-NB09	1.36e-05	0.00124%	0.0	1	0.00111	0.000184	5.92e-05	2.02e-05	0.000647%
OTU_7990	True	ABY1	1.36e-05	0.00124%	0.0	1	0.000857	0.000115	0.0	2.75e-05	0.00088%
L991	False	koll11	1.36e-05	0.00123%	0.0	1	0.0127	0.00165	0.00357	2.16e-05	0.000692%
L995	False	koll11	1.35e-05	0.00123%	0.0	1	0.00844	0.00122	0.00251	3.02e-05	0.000969%
OTU_327	True	koll11	1.35e-05	0.00123%	0.0	1	0.00135	0.0	0.0	2.19e-05	0.000701%
L1045	False	koll11	1.34e-05	0.00122%	0.0	1	0.0118	0.00161	0.00153	8.07e-06	0.000258%
OTU_323	True	koll11	1.33e-05	0.00121%	0.0	1	0.00172	0.000137	4.14e-05	2.28e-05	0.00073%
L264	False	OD1	1.32e-05	0.0012%	0.0	1	0.00431	0.00212	0.00174	0.000124	0.00397%
OTU_292	True	PBS-25	1.32e-05	0.0012%	0.0	1	0.00766	0.000603	0.000832	2.22e-05	0.000711%
L1262	False	TM7-1	1.32e-05	0.0012%	0.0	1	0.00239	0.000263	7.09e-05	1.66e-05	0.000531%
L1611	False	ZB2	1.31e-05	0.0012%	0.0	1	0.00197	0.000116	0.000108	1.69e-05	0.000541%
OTU_6073	True	ZB2	1.31e-05	0.0012%	0.0	1	6.88e-05	0.00613	0.00508	6.09e-05	0.00195%
OTU_6914	True	ZB2	1.31e-05	0.0012%	0.0	1	0.000983	9.71e-05	0.000104	2.98e-05	0.000953%
L1282	False	TM7-3	1.31e-05	0.00119%	0.0	1	0.00454	0.000237	9.33e-05	2.45e-05	0.000785%
L1824	False	OD1	1.31e-05	0.00119%	0.0	1	0.00141	0.000249	0.000202	4.55e-05	0.00146%
L328	False	ABY1	1.3e-05	0.00118%	0.0	1	0.00111	6.42e-05	0.000103	2.21e-05	0.000709%
L14	False	OD1	1.29e-05	0.00118%	0.0	1	0.00178	9.46e-05	6.93e-06	1.67e-05	0.000536%
L119	False	ABY1	1.29e-05	0.00117%	0.0	1	0.00115	0.0108	0.00791	4.1e-05	0.00131%
L126	False	OD1	1.27e-05	0.00116%	0.0	1	0.0144	0.0368	0.0211	0.000101	0.00322%
L1838	False	OD1	1.27e-05	0.00115%	0.0	1	0.00214	0.000426	0.000351	5.55e-05	0.00178%
OTU_6064	True	ZB2	1.26e-05	0.00115%	0.0	1	4.86e-05	0.00217	0.00235	3.91e-05	0.00125%
L1195	False	koll11	1.26e-05	0.00115%	0.0	1	0.00339	0.000347	0.000824	1.7e-05	0.000546%
L979	False	koll11	1.25e-05	0.00114%	0.0	1	0.00389	0.000578	0.000458	2.09e-05	0.000668%
OTU_10801	True	OP11-4	1.25e-05	0.00114%	0.0	1	0.00163	0.000124	0.000227	1.61e-05	0.000515%
L589	False	PRR-12	1.25e-05	0.00114%	0.0	1	0.0117	0.00137	0.000811	1.34e-05	0.000428%
L84	False	ABY1	1.25e-05	0.00114%	0.0	1	0.00168	7.15e-05	0.0	1.66e-05	0.000531%
OTU_6170	True	ZB2	1.25e-05	0.00113%	0.0	1	0.000748	6.49e-05	0.0	2.1e-05	0.000674%
OTU_1087	True	OP3	1.24e-05	0.00113%	0.0	1	0.000539	0.0	4.95e-06	2.41e-05	0.000771%
L1905	False	OD1	1.24e-05	0.00113%	0.0	1	0.0014	6.82e-05	1.12e-05	1.32e-05	0.000423%
L1244	False	TM7-1	1.24e-05	0.00113%	0.0	1	0.00175	0.0114	0.00877	4.98e-05	0.0016%

L82	False	ABY1	1.23e-05	0.00112%	0.0	1	0.00203	0.000154	1.57e-05	1.46e-05	0.000467%
L1048	False	koll11	1.22e-05	0.00111%	0.0	1	0.00643	0.00109	0.000718	1.85e-05	0.000593%
L1608	False	ZB2	1.22e-05	0.00111%	0.0	1	0.00271	0.000144	0.000247	1.36e-05	0.000434%
OTU_7373	True	OD1	1.22e-05	0.00111%	0.0	1	0.001	0.000378	0.00029	6.72e-05	0.00215%
L1245	False	TM7-1	1.2e-05	0.0011%	0.0	1	0.00105	0.0113	0.00871	3.85e-05	0.00123%
OTU_2622	True	SJA-4	1.2e-05	0.00109%	0.0	1	0.0	0.0	0.000969	2.78e-05	0.000891%
L1199	False	koll11	1.2e-05	0.00109%	0.0	1	0.00218	0.000119	0.000231	1.12e-05	0.000358%
OTU_8016	True	TM7-3	1.19e-05	0.00108%	0.0	1	0.0	3.27e-05	0.000799	3.2e-05	0.00103%
L1816	False	OD1	1.19e-05	0.00108%	0.0	1	0.000476	4.44e-05	1.05e-05	2.91e-05	0.000933%
L1012	False	koll11	1.19e-05	0.00108%	0.0	1	0.0296	0.00345	0.00396	4.29e-06	0.000137%
OTU_7164	True	ABY1	1.17e-05	0.00107%	0.0	1	0.000292	0.0	0.0	3.06e-05	0.000979%
OTU_8135	True	EW055	1.17e-05	0.00106%	0.0	1	0.00236	0.000236	0.0	3.65e-05	0.00117%
OTU_4911	True	OD1	1.15e-05	0.00105%	0.0	1	0.000876	4.76e-05	2.33e-06	2.23e-05	0.000714%
L534	False	TM6	1.15e-05	0.00104%	0.0	1	0.00728	0.000522	0.00308	3.76e-05	0.00121%
OTU_8948	True	TM7	1.14e-05	0.00104%	0.0	1	0.000641	8.55e-05	3.62e-05	3.5e-05	0.00112%
L113	False	ABY1	1.14e-05	0.00104%	0.0	1	5.77e-06	0.00289	0.0016	1.78e-05	0.000571%
L1711	False	OD1	1.14e-05	0.00104%	0.0	1	0.00402	0.00054	0.000178	1.48e-05	0.000474%
L283	False	ABY1	1.14e-05	0.00104%	0.0	1	0.00821	0.0232	0.026	5.42e-05	0.00174%
OTU_201	True	OD1	1.14e-05	0.00104%	0.0	1	0.000268	0.0	8.8e-06	2.66e-05	0.000851%
OTU_5635	True	OD1	1.14e-05	0.00104%	0.0	1	0.000386	0.0	4.9e-06	2.45e-05	0.000786%
OTU_409	True	koll11	1.14e-05	0.00103%	0.0	1	0.00134	3.16e-05	0.0	2.71e-05	0.000868%
L437	False	OP11	1.13e-05	0.00103%	0.0	1	0.000934	2.01e-05	0.0	1.21e-05	0.000387%
L1131	False	koll11	1.12e-05	0.00102%	0.0	1	0.0021	2.68e-05	0.000162	1.57e-05	0.000503%
OTU_7442	True	TM7-1	1.12e-05	0.00102%	0.0	1	0.00107	0.000263	7.09e-05	2.5e-05	0.000801%
OTU_8916	True	MJK10	1.11e-05	0.00101%	0.0	1	0.000863	6.49e-05	0.000213	2.44e-05	0.000781%
L802	False	OP3	1.11e-05	0.00101%	0.0	1	0.046	0.00448	0.0104	8.51e-06	0.000273%
L978	False	koll11	1.09e-05	0.000997%	0.0	1	0.00426	0.000578	0.000458	1.73e-05	0.000553%
OTU_7941	True	ABY1	1.09e-05	0.000996%	0.0	1	0.000991	1.41e-05	3.7e-05	1.6e-05	0.000513%
OTU_205	True	koll11	1.09e-05	0.000989%	0.0	1	0.00562	0.000522	0.00036	9.86e-06	0.000316%
OTU_7982	True	ABY1	1.08e-05	0.000985%	0.0	1	0.00318	0.000488	9.59e-05	1.38e-05	0.000441%
OTU_7840	True	ABY1	1.08e-05	0.000982%	0.0	1	0.00251	0.000226	0.000147	1.83e-05	0.000586%
L1597	False	OD1	1.07e-05	0.000979%	0.0	1	0.000227	0.00627	0.00345	2.28e-05	0.00073%
L1832	False	OD1	1.07e-05	0.000978%	0.0	1	0.00233	0.000453	0.00102	6.75e-05	0.00216%
L1770	False	OD1	1.07e-05	0.000974%	0.0	1	0.00228	0.000228	0.000132	1.94e-05	0.00062%
OTU_6586	True	OD1	1.07e-05	0.000973%	0.0	1	0.00187	0.000426	0.000319	5.95e-05	0.00191%
L80	False	OD1	1.07e-05	0.000973%	0.0	1	0.0417	0.0562	0.0333	0.000131	0.00421%
L1486	False	ZB2	1.06e-05	0.00097%	0.0	1	0.00303	0.000464	0.000627	2.22e-05	0.000712%
OTU_276	True	koll11	1.06e-05	0.000969%	0.0	1	0.00258	0.000128	8.97e-05	1.88e-05	0.000602%
OTU_8127	True	ABY1	1.06e-05	0.000968%	0.0	1	0.0	4.23e-05	0.000748	1.59e-05	0.000511%
L188	False	SM2F11	1.06e-05	0.000968%	0.0	1	0.00575	0.00116	0.000232	1.36e-05	0.000434%
L726	False	PBS-25	1.06e-05	0.000964%	0.0	1	0.00898	0.000932	0.00106	1.42e-05	0.000455%
L417	False	Bacteria	1.04e-05	0.00095%	0.0	1	0.821	0.835	0.892	9.93e-05	0.00318%
L1662	False	OD1	1.03e-05	0.000941%	0.0	1	0.00671	0.00138	0.000778	1.07e-05	0.000343%
OTU_7166	True	ABY1	1.03e-05	0.000938%	0.0	1	0.00079	0.0	0.0	2.22e-05	0.00071%
OTU_8910	True	TM7-1	1.03e-05	0.000937%	0.0	1	0.000491	0.0	0.0	1.9e-05	0.000608%
L1610	False	ZB2	1.03e-05	0.000936%	0.0	1	0.00255	0.000139	0.000167	1.27e-05	0.000407%
OTU_8010	True	ABY1	1.03e-05	0.000935%	0.0	1	0.000404	0.0	2.02e-06	2.75e-05	0.000881%
L243	False	ABY1	1.02e-05	0.000929%	0.0	1	0.001	2.79e-05	0.00106	6.19e-05	0.00198%
L284	False	ABY1	1.02e-05	0.000927%	0.0	1	0.00717	0.0118	0.0172	9.54e-05	0.00306%
L1799	False	OD1	1.02e-05	0.000927%	0.0	1	0.00141	2.46e-05	3.82e-05	9e-06	0.000288%
L1096	False	koll11	1.02e-05	0.000926%	0.0	1	0.0121	0.00154	0.00392	1.32e-05	0.000422%
OTU_6987	True	OD1	1.01e-05	0.000923%	0.0	1	0.00542	0.00124	0.000358	1.79e-05	0.000575%
L79	False	OD1	1.01e-05	0.000922%	0.0	1	0.0417	0.0589	0.0359	0.000125	0.004%
L1018	False	koll11	1.01e-05	0.00092%	0.0	1	0.00641	0.000809	0.00079	8.65e-06	0.000277%
L1559	False	ZB2	1.01e-05	0.00092%	0.0	1	0.00958	0.000825	0.000482	1.28e-05	0.000409%
OTU_8013	True	ABY1	1.01e-05	0.000919%	0.0	1	5.72e-06	0.000554	0.00196	3.08e-05	0.000988%
L1249	False	TM7-1	1.01e-05	0.000918%	0.0	1	0.00102	8.05e-05	4e-06	9.82e-06	0.000315%
L1179	False	GIF10	1e-05	0.000914%	0.0	1	0.00535	0.000437	0.00042	9.49e-06	0.000304%
L269	False	OD1	1e-05	0.000913%	0.0	1	0.00549	0.00432	0.00129	5.57e-05	0.00178%
L1886	False	OD1	9.98e-06	0.000909%	0.0	1	0.00294	0.000617	0.000218	1.41e-05	0.000453%
L1290	False	TM7-3	9.98e-06	0.000909%	0.0	1	0.00412	0.000237	9.33e-05	1.98e-05	0.000635%
L540	False	SJA-4	9.98e-06	0.000909%	0.0	1	0.00398	0.000458	0.00297	6.47e-05	0.00207%
L8	False	ABY1	9.96e-06	0.000907%	0.0	1	0.00161	0.000551	9.68e-06	2.01e-05	0.000643%
OTU_1149	True	koll11	9.94e-06	0.000906%	0.0	1	0.000663	0.000148	6.99e-05	2.75e-05	0.00088%
L334	False	OD1	9.94e-06	0.000905%	0.0	1	0.000903	0.00012	5.8e-05	1.94e-05	0.000622%

OTU_9845	True	SC3	9.9e-06	0.000902%	0.0	1	0.000495	0.0	0.0	1.9e-05	0.000608%
L773	False	PBS-25	9.87e-06	0.000899%	0.0	1	0.00299	0.000273	0.000408	3.04e-05	0.000975%
L1055	False	koll11	9.83e-06	0.000895%	0.0	1	0.0047	0.000475	0.000778	1.41e-05	0.000452%
L1532	False	OD1	9.82e-06	0.000895%	0.0	1	0.00459	0.000778	0.00181	2.61e-05	0.000836%
L876	False	koll11	9.74e-06	0.000887%	0.0	1	0.0183	0.00209	0.00369	5.53e-06	0.000177%
OTU_6179	True	ZB2	9.72e-06	0.000885%	0.0	1	0.00053	1.5e-05	9.55e-06	1.22e-05	0.000389%
OTU_270	True	koll11	9.69e-06	0.000883%	0.0	1	0.00071	2.21e-05	9.5e-06	2.09e-05	0.000669%
L128	False	OD1	9.67e-06	0.000881%	0.0	1	0.0144	0.0367	0.0211	7.8e-05	0.0025%
L41	False	OD1	9.65e-06	0.000879%	0.0	1	0.0048	0.000185	0.00109	1.01e-05	0.000322%
L1606	False	OD1	9.64e-06	0.000878%	0.0	1	0.00978	0.00254	0.00295	1.86e-05	0.000595%
OTU_5954	True	OD1	9.61e-06	0.000875%	0.0	1	0.000655	0.0	0.0	2.02e-05	0.000646%
L961	False	koll11	9.58e-06	0.000873%	0.0	1	0.02	0.00161	0.00111	6.84e-06	0.000219%
OTU_6699	True	ZB2	9.56e-06	0.000871%	0.0	1	0.000345	2.69e-06	0.0	1.87e-05	0.0006%
OTU_7050	True	ABY1	9.48e-06	0.000864%	0.0	1	0.000763	2.97e-05	0.000157	2.24e-05	0.000719%
OTU_229	True	koll11	9.34e-06	0.00085%	0.0	1	0.00317	0.00058	0.000482	1.11e-05	0.000354%
OTU_6990	True	ZB2	9.32e-06	0.000849%	0.0	1	0.000128	0.00264	0.00103	3.6e-05	0.00115%
OTU_6178	True	ZB2	9.25e-06	0.000842%	0.0	1	0.00388	0.00016	0.000185	1.52e-05	0.000485%
L1702	False	OD1	9.23e-06	0.000841%	0.0	1	0.00249	0.000189	4.59e-05	9.67e-06	0.00031%
OTU_5362	True	ZB2	9.22e-06	0.00084%	0.0	1	0.000764	2.12e-05	3.57e-06	1.56e-05	0.000501%
OTU_9171	True	Mb-NB09	9.19e-06	0.000837%	0.0	1	0.000912	6.76e-05	0.0	1.33e-05	0.000427%
L395	False	ABY1	9.13e-06	0.000832%	0.0	1	0.00361	0.00017	0.000155	7.95e-06	0.000255%
L1190	False	koll11	9.08e-06	0.000827%	0.0	1	0.00139	1.48e-05	4.3e-05	1.25e-05	0.000399%
L1551	False	ZB2	9.06e-06	0.000826%	0.0	1	0.00631	0.00132	0.000704	1.52e-05	0.000488%
L492	False	OP11-4	9.02e-06	0.000821%	0.0	1	0.00152	0.000274	9.09e-05	1.08e-05	0.000347%
OTU_2377	True	SJA-4	9.01e-06	0.000821%	0.0	1	0.000643	0.0	0.0	1.87e-05	0.000598%
L776	False	PBS-25	9e-06	0.00082%	0.0	1	0.00209	0.000216	0.00011	2.57e-05	0.000822%
L1821	False	OD1	9e-06	0.00082%	0.0	1	0.000951	4.76e-05	2.4e-06	1.55e-05	0.000498%
L1547	False	ZB2	8.99e-06	0.000819%	0.0	1	0.0029	0.00036	0.00013	1.06e-05	0.000339%
OTU_8003	True	d153	8.98e-06	0.000818%	0.0	1	0.000315	6.41e-07	0.0	1.85e-05	0.000594%
OTU_7940	True	ABY1	8.94e-06	0.000814%	0.0	1	0.00279	0.000147	0.000136	9.22e-06	0.000295%
L277	False	ABY1	8.91e-06	0.000812%	0.0	1	0.0118	0.0237	0.0261	8.32e-05	0.00266%
L607	False	PRR-12	8.9e-06	0.000811%	0.0	1	0.002	3.67e-06	0.0	1.02e-05	0.000328%
OTU_6039	True	OD1	8.89e-06	0.00081%	0.0	1	0.000299	1.43e-05	4.16e-05	3.21e-05	0.00103%
L1694	False	OD1	8.89e-06	0.00081%	0.0	1	0.0036	0.000482	0.000105	6.71e-06	0.000215%
OTU_5496	True	ZB2	8.89e-06	0.000809%	0.0	1	0.00188	0.000586	0.00117	8.69e-05	0.00278%
OTU_10750	True	OP11-4	8.88e-06	0.000809%	0.0	1	0.000425	0.0	0.0	1.91e-05	0.000611%
OTU_8764	True	ABY1	8.87e-06	0.000808%	0.0	1	0.000694	9.54e-05	7.42e-08	1.67e-05	0.000535%
L1724	False	Mb-NB09	8.83e-06	0.000804%	0.0	1	0.00399	0.000603	0.000939	1.49e-05	0.000477%
OTU_8147	True	ABY1	8.78e-06	0.0008%	0.0	1	0.000529	4.81e-06	3.16e-05	1.15e-05	0.000369%
L139	False	OD1	8.77e-06	0.000799%	0.0	1	0.00922	0.0212	0.00734	7.69e-05	0.00246%
L294	False	ABY1	8.76e-06	0.000798%	0.0	1	0.0067	0.00777	0.0138	0.000124	0.00398%
L1607	False	OD1	8.73e-06	0.000795%	0.0	1	0.005	0.00168	0.00118	2.27e-05	0.000728%
OTU_7946	True	ABY1	8.72e-06	0.000794%	0.0	1	0.000243	0.0	0.0	1.62e-05	0.000519%
L854	False	OP3	8.61e-06	0.000784%	0.0	1	0.0209	0.00202	0.00241	4.65e-06	0.000149%
L55	False	ABY1	8.6e-06	0.000783%	0.0	1	0.00341	0.000106	0.0	1.8e-05	0.000575%
OTU_8823	True	OD1	8.58e-06	0.000781%	0.0	1	0.000881	0.0	0.0	1.79e-05	0.000572%
OTU_6986	True	ZB2	8.56e-06	0.00078%	0.0	1	0.000655	0.000275	0.000161	3.85e-05	0.00123%
OTU_4488	True	PRR-12	8.54e-06	0.000778%	0.0	1	0.000245	0.0	0.0	1.82e-05	0.000584%
L147	False	OD1	8.53e-06	0.000777%	0.0	1	0.00432	0.00093	0.000217	9.64e-06	0.000309%
OTU_9143	True	OD1	8.52e-06	0.000776%	0.0	1	0.0	0.000131	0.000283	4.72e-05	0.00151%
OTU_2351	True	SJA-4	8.5e-06	0.000774%	0.0	1	0.000437	0.0	0.0	1.76e-05	0.000563%
OTU_9178	True	ABY1	8.48e-06	0.000773%	0.0	1	0.000521	0.0	7.42e-08	1.02e-05	0.000325%
L1813	False	OD1	8.48e-06	0.000772%	0.0	1	0.00237	0.000145	0.000183	1.38e-05	0.000442%
OTU_8334	True	ABY1	8.42e-06	0.000767%	0.0	1	0.000308	0.0	0.0	1.82e-05	0.000583%
L107	False	ABY1	8.34e-06	0.00076%	0.0	1	0.00462	0.000686	0.000429	6e-06	0.000192%
OTU_2076	True	PRR-12	8.33e-06	0.000759%	0.0	1	0.000747	0.0	7.42e-08	1.24e-05	0.000397%
L165	False	ABY1	8.32e-06	0.000758%	0.0	1	0.00193	0.000161	5.72e-05	9.81e-06	0.000314%
L356	False	ABY1	8.31e-06	0.000757%	0.0	1	0.000561	2.96e-05	4.68e-06	1.06e-05	0.00034%
OTU_7350	True	ABY1	8.3e-06	0.000756%	0.0	1	5.77e-06	0.0012	0.000451	1.52e-05	0.000487%
L425	False	OP11	8.29e-06	0.000756%	0.0	1	0.00269	0.000622	0.00209	3.81e-05	0.00122%
L376	False	OD1	8.14e-06	0.000742%	0.0	1	0.00136	4.5e-05	5.38e-06	7.36e-06	0.000236%
OTU_895	True	PRR-12	8.14e-06	0.000742%	0.0	1	0.00131	0.000104	2.33e-05	1.22e-05	0.000389%
L1022	False	koll11	8.12e-06	0.00074%	0.0	1	0.00293	0.000193	0.000308	1.13e-05	0.000363%
L827	False	PBS-25	8.12e-06	0.000739%	0.0	1	0.00375	0.000411	0.000376	1.95e-05	0.000625%
OTU_6183	True	WCHB1	8.07e-06	0.000735%	0.0	1	0.00075	5.1e-05	0.000189	2.84e-05	0.000908%

OTU_349	True	koll11	8.06e-06	0.000735%	0.0	1	0.00214	0.000222	0.000113	1.66e-05	0.000532%
OTU_7850	True	ABY1	8.02e-06	0.000731%	0.0	1	0.0002	0.0	1.4e-06	1.77e-05	0.000567%
L172	False	OD1	7.96e-06	0.000725%	0.0	1	0.0324	0.00677	0.0044	5.02e-06	0.000161%
L1058	False	koll11	7.96e-06	0.000725%	0.0	1	0.00303	0.000398	0.000751	1.97e-05	0.000632%
OTU_8768	True	Mb-NB09	7.94e-06	0.000723%	0.0	1	0.00171	0.000153	6.89e-05	6.2e-06	0.000199%
L768	False	PBS-25	7.91e-06	0.000721%	0.0	1	0.00416	0.000323	0.000443	1.51e-05	0.000484%
L1462	False	ZB2	7.91e-06	0.00072%	0.0	1	0.000383	0.00461	0.00688	1.24e-05	0.000397%
OTU_6669	True	ZB2	7.91e-06	0.00072%	0.0	1	1.06e-05	0.0	0.000365	2.11e-05	0.000677%
OTU_325	True	koll11	7.86e-06	0.000716%	0.0	1	0.00134	1.16e-05	0.0	1.36e-05	0.000436%
OTU_415	True	koll11	7.84e-06	0.000714%	0.0	1	0.000675	0.0	0.0	2.14e-05	0.000686%
L234	False	ABY1	7.82e-06	0.000713%	0.0	1	0.00418	0.000265	0.000281	1.09e-05	0.000348%
OTU_8008	True	TM7-1	7.78e-06	0.000709%	0.0	1	0.000534	0.0	0.0	2.04e-05	0.000653%
OTU_8060	True	OD1	7.75e-06	0.000706%	0.0	1	0.000159	1.04e-05	0.0	1.64e-05	0.000525%
OTU_8221	True	OD1	7.7e-06	0.000702%	0.0	1	0.000139	0.0	0.0	1.38e-05	0.000443%
L209	False	ABY1	7.69e-06	0.0007%	0.0	1	0.00136	2.23e-05	2.26e-05	1.03e-05	0.000328%
OTU_7028	True	ABY1	7.67e-06	0.000699%	0.0	1	0.0	0.00168	0.00115	1.77e-05	0.000566%
L434	False	WCHB1-64	7.65e-06	0.000697%	0.0	1	0.000447	0.00014	0.000672	6.62e-05	0.00212%
L1146	False	koll11	7.64e-06	0.000696%	0.0	1	0.00412	0.000314	0.00133	1.57e-05	0.000501%
OTU_7962	True	ABY1	7.61e-06	0.000693%	0.0	1	0.000894	0.00015	0.000274	3.21e-05	0.00103%
OTU_8318	True	OD1	7.61e-06	0.000693%	0.0	1	0.00042	8.91e-05	0.0	2.58e-05	0.000826%
OTU_7143	True	OP11-4	7.61e-06	0.000693%	0.0	1	0.00102	4.99e-05	0.00075	4.63e-05	0.00148%
L599	False	PRR-12	7.6e-06	0.000692%	0.0	1	0.00296	0.000204	9.29e-05	9.5e-06	0.000304%
L945	False	koll11	7.58e-06	0.00069%	0.0	1	0.0044	0.000492	0.00106	7.29e-06	0.000234%
OTU_82	True	ZB2	7.57e-06	0.00069%	0.0	1	0.000212	2.47e-05	0.000208	7.69e-05	0.00246%
L345	False	OD1	7.51e-06	0.000684%	0.0	1	0.00656	0.000821	0.000879	1.05e-05	0.000336%
L285	False	ABY1	7.48e-06	0.000682%	0.0	1	0.000463	0.00405	0.00336	2.12e-05	0.000681%
OTU_359	True	koll11	7.48e-06	0.000681%	0.0	1	0.000653	0.0	0.0	1.4e-05	0.000447%
OTU_2334	True	SJA-4	7.47e-06	0.000681%	0.0	1	3.25e-06	0.00023	0.00101	2.78e-05	0.000889%
OTU_7978	True	ABY1	7.46e-06	0.000679%	0.0	1	0.00107	0.000361	3.07e-05	1.61e-05	0.000515%
OTU_8141	True	ABY1	7.46e-06	0.000679%	0.0	1	2.74e-05	0.00622	0.00317	1.64e-05	0.000524%
L412	False	ABY1	7.44e-06	0.000678%	0.0	1	0.000112	0.000583	0.00196	3.17e-05	0.00102%
OTU_8120	True	ABY1	7.44e-06	0.000678%	0.0	1	1.07e-05	0.00206	0.00362	1.12e-05	0.000357%
L601	False	PRR-12	7.44e-06	0.000678%	0.0	1	0.00193	0.000148	7.07e-05	1.34e-05	0.000431%
OTU_428	True	koll11	7.44e-06	0.000678%	0.0	1	0.000109	6.34e-06	0.000951	2.44e-05	0.000782%
OTU_250	True	koll11	7.43e-06	0.000677%	0.0	1	0.00141	0.000287	0.000315	2.69e-05	0.00086%
OTU_455	True	PBS-25	7.42e-06	0.000676%	0.0	1	0.00194	0.000194	2.25e-06	1.8e-05	0.000577%
L752	False	PBS-25	7.4e-06	0.000674%	0.0	1	0.00467	0.000446	0.00103	1.24e-05	0.000399%
OTU_6584	True	OD1	7.37e-06	0.000671%	0.0	1	0.0	0.000204	0.000877	2.54e-05	0.000812%
L120	False	ABY1	7.37e-06	0.000671%	0.0	1	0.00111	2.24e-05	0.0	1.44e-05	0.00046%
OTU_604	True	koll11	7.33e-06	0.000668%	0.0	1	0.00328	0.000298	6.8e-05	1.25e-05	0.000401%
L1800	False	OD1	7.32e-06	0.000667%	0.0	1	0.000691	2.46e-05	3.82e-05	1.05e-05	0.000338%
L499	False	OP11-4	7.31e-06	0.000666%	0.0	1	0.000679	5.38e-05	0.0	7.98e-06	0.000256%
L469	False	OP11-4	7.29e-06	0.000664%	0.0	1	0.00255	0.000508	0.000127	6.32e-06	0.000202%
L1029	False	koll11	7.27e-06	0.000662%	0.0	1	0.00958	0.000872	0.00314	1.07e-05	0.000343%
OTU_1019	True	PBS-25	7.25e-06	0.000661%	0.0	1	0.000962	1.87e-05	1.33e-05	1.61e-05	0.000514%
L1107	False	koll11	7.24e-06	0.00066%	0.0	1	0.00157	4.05e-05	4.36e-05	7.69e-06	0.000246%
L1514	False	OD1	7.19e-06	0.000655%	0.0	1	0.000774	0.0002	0.0013	4.64e-05	0.00149%
L1238	False	TM7	7.18e-06	0.000654%	0.0	1	0.00506	0.0117	0.00915	0.000125	0.00401%
OTU_8113	True	ABY1	7.16e-06	0.000652%	0.0	1	0.000348	8.28e-05	1.57e-05	2.31e-05	0.000739%
L654	False	koll11	7.16e-06	0.000652%	0.0	1	0.0157	0.00222	0.00438	4.85e-06	0.000155%
L745	False	PBS-25	7.15e-06	0.000652%	0.0	1	0.0068	0.000675	0.00108	9.32e-06	0.000299%
L1163	False	koll11	7.11e-06	0.000648%	0.0	1	0.00167	4.77e-05	3.45e-05	1.45e-05	0.000463%
L1016	False	koll11	7.11e-06	0.000647%	0.0	1	0.00728	0.001	0.000836	6.18e-06	0.000198%
L363	False	OD1	7.1e-06	0.000647%	0.0	1	0.00101	2.09e-05	9.04e-07	9.64e-06	0.000309%
L1319	False	OD1	7.08e-06	0.000645%	0.0	1	0.000385	0.0	1.65e-05	7.87e-06	0.000252%
OTU_318	True	koll11	7.07e-06	0.000644%	0.0	1	0.0029	0.000139	0.000437	1.55e-05	0.000495%
L1908	False	OD1	7.07e-06	0.000644%	0.0	1	0.00077	5.34e-05	7.6e-06	1.02e-05	0.000327%
OTU_6761	True	ZB2	7.02e-06	0.000639%	0.0	1	0.0	2.75e-05	0.000667	1.97e-05	0.000631%
L470	False	OP11-4	7e-06	0.000637%	0.0	1	0.00155	0.000281	7.67e-05	7.78e-06	0.000249%
L1474	False	ZB2	6.9e-06	0.000629%	0.0	1	0.0048	0.00119	0.00114	1.34e-05	0.000429%
OTU_7298	True	ABY1	6.9e-06	0.000628%	0.0	1	0.000134	0.00209	0.00129	1.97e-05	0.000631%
L1592	False	OD1	6.89e-06	0.000628%	0.0	1	0.00194	0.00666	0.00471	6.29e-05	0.00201%
OTU_8909	True	ABY1	6.89e-06	0.000627%	0.0	1	0.000994	1.13e-05	0.0	1.38e-05	0.000441%
L194	False	ABY1	6.88e-06	0.000627%	0.0	1	0.0055	0.000801	0.000814	7.35e-06	0.000235%

L336	False	OD1	6.83e-06	0.000622%	0.0	1	0.000781	7.02e-05	5.76e-05	1.25e-05	0.0004%
OTU_4142	True	koll11	6.8e-06	0.00062%	0.0	1	0.000633	0.0	0.0	1.49e-05	0.000476%
L1141	False	koll11	6.8e-06	0.00062%	0.0	1	0.00907	0.00182	0.000752	1.25e-05	0.000399%
OTU_6494	True	ZB2	6.78e-06	0.000617%	0.0	1	0.0016	0.00022	0.000269	1.54e-05	0.000492%
L195	False	ABY1	6.75e-06	0.000615%	0.0	1	0.00261	0.000704	4.2e-05	7.87e-06	0.000252%
L301	False	ABY1	6.74e-06	0.000614%	0.0	1	0.000767	0.00632	0.00321	2.97e-05	0.000951%
OTU_8770	True	OD1	6.73e-06	0.000613%	0.0	1	0.000182	9.86e-06	0.0	1.47e-05	0.000472%
OTU_6559	True	ZB2	6.69e-06	0.000609%	0.0	1	0.0	5.78e-05	0.00147	1.5e-05	0.000481%
OTU_170	True	koll11	6.68e-06	0.000608%	0.0	1	0.00248	0.00029	0.000143	1.15e-05	0.00037%
OTU_6309	True	ZB2	6.67e-06	0.000608%	0.0	1	0.000692	1.04e-06	4.48e-07	8.1e-06	0.00026%
L702	False	koll11	6.67e-06	0.000607%	0.0	1	0.00139	0.0	0.0	8.79e-06	0.000282%
OTU_10859	True	OP11	6.66e-06	0.000607%	0.0	1	0.000649	1.59e-05	5.3e-07	1.28e-05	0.00041%
L474	False	OP11-4	6.65e-06	0.000606%	0.0	1	0.00141	0.000278	7.06e-05	7.67e-06	0.000246%
OTU_8327	True	ZB2	6.63e-06	0.000604%	0.0	1	0.0	3.3e-05	0.000517	1.75e-05	0.000562%
OTU_5589	True	OD1	6.63e-06	0.000604%	0.0	1	0.000361	1.08e-05	3.42e-05	1.59e-05	0.000509%
L658	False	koll11	6.59e-06	0.000601%	0.0	1	0.0046	0.000298	0.000982	8.9e-06	0.000285%
L287	False	ABY1	6.59e-06	0.0006%	0.0	1	0.000463	0.00302	0.00271	2.6e-05	0.000832%
L701	False	koll11	6.56e-06	0.000598%	0.0	1	0.00159	2.25e-07	0.0	7.32e-06	0.000234%
OTU_6056	True	ABY1	6.55e-06	0.000596%	0.0	1	0.00131	6.96e-05	1.85e-05	6.94e-06	0.000222%
L109	False	ABY1	6.53e-06	0.000595%	0.0	1	0.00422	0.000686	0.000409	5.25e-06	0.000168%
L1333	False	ZB2	6.51e-06	0.000593%	0.0	1	0.00437	0.00104	0.0005	6.89e-06	0.000221%
L1073	False	koll11	6.5e-06	0.000592%	0.0	1	0.00252	0.00016	0.0	7.72e-06	0.000247%
OTU_1389	True	GIF10	6.45e-06	0.000588%	0.0	1	0.00104	0.000172	5.83e-05	1.56e-05	0.000499%
OTU_60	True	OD1	6.44e-06	0.000587%	0.0	1	0.000105	2.36e-05	0.000506	2.94e-05	0.000943%
L717	False	PBS-25	6.35e-06	0.000578%	0.0	1	0.0353	0.00362	0.00449	5.21e-06	0.000167%
L1292	False	TM7-3	6.33e-06	0.000577%	0.0	1	0.00162	5.22e-07	3.05e-05	9.88e-06	0.000316%
L1887	False	OD1	6.3e-06	0.000574%	0.0	1	0.000521	0.000101	2.77e-05	1.69e-05	0.00054%
OTU_361	True	koll11	6.29e-06	0.000573%	0.0	1	0.00123	0.000269	6.62e-05	1.16e-05	0.000371%
L627	False	PBS-25	6.23e-06	0.000567%	0.0	1	0.00438	0.000157	0.000101	6.01e-06	0.000192%
OTU_7480	True	ABY1	6.22e-06	0.000567%	0.0	1	0.0	0.00103	0.000653	1.41e-05	0.000452%
OTU_6096	True	ZB2	6.2e-06	0.000564%	0.0	1	0.00484	0.00128	0.000673	1.58e-05	0.000506%
OTU_162	True	OD1	6.19e-06	0.000564%	0.0	1	0.000106	0.0	0.0	1.56e-05	0.0005%
L1583	False	ZB2	6.12e-06	0.000557%	0.0	1	0.00161	0.00022	0.000499	1.8e-05	0.000577%
OTU_6221	True	ZB2	6.11e-06	0.000557%	0.0	1	0.000893	5.38e-07	0.0	1.16e-05	0.000371%
OTU_7837	True	ZB2	6.08e-06	0.000554%	0.0	1	0.000318	0.0	0.0	1.14e-05	0.000366%
L330	False	ABY1	6.08e-06	0.000554%	0.0	1	0.00111	1.41e-05	3.7e-05	7.33e-06	0.000235%
L858	False	OP3	6.06e-06	0.000552%	0.0	1	0.0187	0.00169	0.00219	3.5e-06	0.000112%
L1422	False	ZB2	6.03e-06	0.000549%	0.0	1	5.35e-05	0.00269	0.00275	1.64e-05	0.000524%
L1688	False	OD1	6.02e-06	0.000548%	0.0	1	0.014	0.00193	0.00132	2.24e-06	7.18e-05%
OTU_6269	True	OD1	6e-06	0.000546%	0.0	1	0.000163	0.0	0.000256	3.68e-05	0.00118%
L1727	False	Mb-NB09	5.99e-06	0.000546%	0.0	1	0.00356	0.000545	0.000774	1.12e-05	0.000359%
L1046	False	koll11	5.98e-06	0.000545%	0.0	1	0.00661	0.00109	0.000718	8.74e-06	0.00028%
OTU_7948	True	ABY1	5.98e-06	0.000545%	0.0	1	0.000427	2.41e-05	3.24e-05	1.5e-05	0.000481%
L1059	False	koll11	5.97e-06	0.000544%	0.0	1	0.000799	9.09e-05	7.3e-05	1.04e-05	0.000333%
OTU_2333	True	PBS-25	5.93e-06	0.00054%	0.0	1	0.00137	3.8e-05	0.00018	1.55e-05	0.000497%
OTU_10907	True	OP11-4	5.93e-06	0.00054%	0.0	1	0.000182	3.44e-06	0.0	1.29e-05	0.000412%
OTU_4604	True	ZB2	5.92e-06	0.00054%	0.0	1	0.000165	0.0	0.0	1.12e-05	0.000358%
L1554	False	ZB2	5.92e-06	0.000539%	0.0	1	0.00504	0.00132	0.000704	1.48e-05	0.000473%
OTU_166	True	OP3	5.91e-06	0.000538%	0.0	1	0.000274	0.0	0.0	1.04e-05	0.000332%
OTU_10120	True	OD1	5.9e-06	0.000538%	0.0	1	0.000403	0.000136	0.0	1.86e-05	0.000594%
L1157	False	koll11	5.9e-06	0.000537%	0.0	1	0.00278	0.000604	0.00211	4.5e-05	0.00144%
OTU_8867	True	Mb-NB09	5.83e-06	0.000531%	0.0	1	0.000846	5.7e-05	0.00068	2.61e-05	0.000837%
OTU_8043	True	ABY1	5.83e-06	0.000531%	0.0	1	0.000466	0.0	0.0	1.01e-05	0.000322%
OTU_6041	True	ZB2	5.79e-06	0.000527%	0.0	1	0.00175	0.000296	0.000935	3.35e-05	0.00107%
L558	False	SJA-4	5.75e-06	0.000524%	0.0	1	0.00217	0.000134	0.000764	2.38e-05	0.000762%
OTU_240	True	koll11	5.74e-06	0.000523%	0.0	1	0.00224	5.27e-05	1.37e-05	1.06e-05	0.00034%
L305	False	ABY1	5.72e-06	0.000521%	0.0	1	0.000418	0.00631	0.00321	1.93e-05	0.000617%
L824	False	PBS-25	5.72e-06	0.000521%	0.0	1	0.0159	0.00134	0.00182	5.53e-06	0.000177%
L1874	False	OD1	5.71e-06	0.00052%	0.0	1	0.00126	0.000384	6.74e-05	1.13e-05	0.000362%
L1259	False	TM7-1	5.63e-06	0.000513%	0.0	1	0.00239	0.000317	0.000368	1.14e-05	0.000367%
L1208	False	koll11	5.63e-06	0.000513%	0.0	1	0.000584	0.0	0.0	1.06e-05	0.000339%
OTU_5822	True	OD1	5.61e-06	0.000511%	0.0	1	0.000235	2.09e-05	0.0	7.98e-06	0.000256%
OTU_10794	True	OP11-3	5.59e-06	0.000509%	0.0	1	0.000173	0.0	0.0	1.19e-05	0.000381%
L954	False	koll11	5.57e-06	0.000507%	0.0	1	0.00158	8.34e-05	8.05e-05	5.18e-06	0.000166%

OTU_12	True	ZB2	5.56e-06	0.000507%	0.0	1	0.000989	0.000174	0.000138	7.5e-06	0.00024%
L1569	False	ZB2	5.52e-06	0.000502%	0.0	1	0.00295	0.00043	0.000749	7.82e-06	0.00025%
OTU_2350	True	SJA-4	5.51e-06	0.000502%	0.0	1	0.000685	0.0	0.0	1.14e-05	0.000364%
OTU_10803	True	OP11-4	5.5e-06	0.000501%	0.0	1	0.000278	5.21e-06	0.0	1.14e-05	0.000364%
OTU_7000	True	ZB2	5.49e-06	0.0005%	0.0	1	1.63e-06	0.000768	0.000341	1.41e-05	0.000452%
L159	False	ABY1	5.49e-06	0.0005%	0.0	1	0.000698	0.00013	3.57e-05	1.77e-05	0.000568%
OTU_4915	True	GIF10	5.49e-06	0.0005%	0.0	1	0.000795	0.000183	7.01e-05	1.57e-05	0.000502%
L1864	False	OD1	5.47e-06	0.000498%	0.0	1	0.0029	0.000578	0.000261	4.92e-06	0.000158%
OTU_8645	True	Mb-NB09	5.46e-06	0.000498%	0.0	1	0.000485	5.35e-05	4.23e-06	7.29e-06	0.000234%
OTU_6393	True	ZB2	5.45e-06	0.000497%	0.0	1	0.000606	0.000101	0.000116	1.64e-05	0.000524%
OTU_6604	True	ZB2	5.44e-06	0.000496%	0.0	1	0.0	7.7e-06	0.000664	1.63e-05	0.000522%
OTU_5239	True	OD1	5.44e-06	0.000495%	0.0	1	0.000726	1.68e-05	7.6e-06	7.41e-06	0.000237%
OTU_6051	True	OD1	5.41e-06	0.000493%	0.0	1	0.000145	0.0	0.0	1.09e-05	0.000349%
OTU_6230	True	ZB2	5.39e-06	0.000491%	0.0	1	0.000163	0.0167	0.00712	1.29e-05	0.000413%
L956	False	koll11	5.36e-06	0.000488%	0.0	1	0.00153	4.84e-05	6.87e-05	4.8e-06	0.000154%
OTU_348	True	koll11	5.36e-06	0.000488%	0.0	1	0.000551	1.71e-05	0.000324	2.69e-05	0.000861%
OTU_9347	True	Mb-NB09	5.29e-06	0.000482%	0.0	1	0.000455	4.16e-05	1.81e-07	9.56e-06	0.000306%
OTU_7046	True	ABY1	5.28e-06	0.000481%	0.0	1	0.00101	7.15e-05	0.0	1.26e-05	0.000405%
OTU_297	True	koll11	5.27e-06	0.00048%	0.0	1	0.00251	0.000453	0.000274	1.01e-05	0.000323%
OTU_7970	True	ABY1	5.25e-06	0.000478%	0.0	1	1.61e-05	0.000838	0.000431	2.31e-05	0.000741%
L1196	False	koll11	5.25e-06	0.000478%	0.0	1	0.00314	0.000325	0.000773	8.11e-06	0.00026%
OTU_8826	True	TM7-1	5.24e-06	0.000477%	0.0	1	0.00053	0.0	0.0	1.07e-05	0.000343%
OTU_7217	True	ZB2	5.23e-06	0.000477%	0.0	1	0.000282	0.0	0.0	9.74e-06	0.000312%
L398	False	ABY1	5.23e-06	0.000476%	0.0	1	0.00117	2.97e-05	0.000159	1e-05	0.000321%
OTU_7379	True	ZB2	5.21e-06	0.000474%	0.0	1	0.000311	0.0	0.0	9.76e-06	0.000313%
L1757	False	OD1	5.2e-06	0.000474%	0.0	1	0.000542	0.0	0.000272	1.66e-05	0.000532%
L1181	False	GIF10	5.2e-06	0.000473%	0.0	1	0.0023	0.000271	0.000279	8.21e-06	0.000263%
OTU_288	True	PBS-25	5.19e-06	0.000473%	0.0	1	0.00213	0.000314	0.000621	1.47e-05	0.00047%
OTU_6306	True	ZB2	5.19e-06	0.000473%	0.0	1	0.00169	0.000102	0.000572	1.81e-05	0.00058%
L426	False	OP11	5.18e-06	0.000472%	0.0	1	0.00131	0.000462	0.00142	4.6e-05	0.00147%
L407	False	ABY1	5.16e-06	0.00047%	0.0	1	0.000323	9.47e-06	1.3e-05	1.07e-05	0.000343%
L299	False	ABY1	5.15e-06	0.000469%	0.0	1	0.000813	0.0113	0.00786	1.05e-05	0.000335%
OTU_8139	True	EW055	5.15e-06	0.000469%	0.0	1	0.00161	5.22e-07	3.05e-05	8.06e-06	0.000258%
L1438	False	ZB2	5.14e-06	0.000468%	0.0	1	0.00203	0.000357	0.000279	1.38e-05	0.000443%
OTU_8913	True	Mb-NB09	5.13e-06	0.000468%	0.0	1	0.000242	0.0	0.0	9.24e-06	0.000296%
L1730	False	Mb-NB09	5.11e-06	0.000466%	0.0	1	0.00274	0.000478	0.000769	1.68e-05	0.00054%
OTU_6094	True	ZB2	5.11e-06	0.000465%	0.0	1	3.06e-05	0.00235	0.00186	1.25e-05	0.000401%
OTU_8036	True	TM7-1	5.1e-06	0.000465%	0.0	1	0.000657	3.61e-05	4e-06	5.81e-06	0.000186%
OTU_6185	True	ABY1	5.1e-06	0.000464%	0.0	1	0.000379	0.000107	1.45e-05	1.85e-05	0.000592%
L311	False	ABY1	5.04e-06	0.000459%	0.0	1	2.73e-05	0.00157	0.0013	9.54e-06	0.000305%
L1080	False	koll11	5.03e-06	0.000458%	0.0	1	0.0036	0.000697	0.000403	8.9e-06	0.000285%
OTU_8793	True	OD1	5.03e-06	0.000458%	0.0	1	3.99e-06	0.000424	0.000597	1.86e-05	0.000596%
L1631	False	ZB2	4.97e-06	0.000453%	0.0	1	0.00345	0.000846	0.00158	2.7e-05	0.000865%
OTU_1425	True	OP3	4.97e-06	0.000453%	0.0	1	0.000395	8.72e-05	0.0	1.12e-05	0.00036%
L1673	False	OD1	4.97e-06	0.000453%	0.0	1	0.00424	0.000457	0.000757	9.2e-06	0.000295%
L1845	False	OD1	4.94e-06	0.00045%	0.0	1	0.00302	0.000504	0.00056	6.14e-06	0.000197%
L1706	False	Mb-NB09	4.92e-06	0.000449%	0.0	1	0.00144	0.00013	4.59e-05	5.76e-06	0.000184%
OTU_5847	True	OD1	4.91e-06	0.000447%	0.0	1	0.00039	1.27e-05	3.69e-05	1.26e-05	0.000402%
OTU_6123	True	SM2F11	4.9e-06	0.000447%	0.0	1	0.000268	0.0	0.0	8.56e-06	0.000274%
OTU_5575	True	ZB2	4.9e-06	0.000446%	0.0	1	0.000139	0.0	7.01e-07	1.03e-05	0.00033%
OTU_5424	True	ZB2	4.88e-06	0.000444%	0.0	1	0.000552	9.6e-06	7.61e-05	9.21e-06	0.000295%
L132	False	OD1	4.87e-06	0.000444%	0.0	1	0.0128	0.0366	0.021	3.21e-05	0.00103%
L1133	False	koll11	4.87e-06	0.000444%	0.0	1	0.0016	2.68e-05	3.97e-05	6.9e-06	0.000221%
L1351	False	OD1	4.86e-06	0.000443%	0.0	1	0.00352	0.00065	0.00154	2.2e-05	0.000706%
OTU_67	True	ZB2	4.86e-06	0.000443%	0.0	1	8.69e-05	0.0154	0.0228	4e-06	0.000128%
L1895	False	OD1	4.86e-06	0.000442%	0.0	1	0.00194	0.000394	0.000148	9.77e-06	0.000313%
OTU_3671	True	kpj58rc	4.85e-06	0.000442%	0.0	1	0.000452	3.54e-05	0.0001	8.44e-06	0.00027%
OTU_8317	True	Mb-NB09	4.85e-06	0.000442%	0.0	1	0.000619	0.000234	4.13e-05	2.04e-05	0.000652%
OTU_3763	True	OP3	4.85e-06	0.000442%	0.0	1	0.000223	0.0	0.0	1.2e-05	0.000384%
L1565	False	ZB2	4.85e-06	0.000442%	0.0	1	0.00523	0.000929	0.000939	5.63e-06	0.00018%
L207	False	ABY1	4.83e-06	0.00044%	0.0	1	0.00167	2.23e-05	2.26e-05	5.21e-06	0.000167%
OTU_6679	True	OD1	4.82e-06	0.000439%	0.0	1	0.00123	0.000242	0.000156	1.99e-05	0.000637%
L429	False	OP11	4.81e-06	0.000438%	0.0	1	0.00098	5.1e-05	0.000189	1.2e-05	0.000385%
OTU_6095	True	ZB2	4.8e-06	0.000437%	0.0	1	0.00167	0.000255	0.000161	1.51e-05	0.000483%

L565	False	SJA-4	4.78e-06	0.000435%	0.0	1	0.00154	4.42e-07	0.000581	1.99e-05	0.000638%
OTU_6343	True	ZB2	4.73e-06	0.000431%	0.0	1	0.00251	0.000905	0.00112	5.55e-05	0.00178%
OTU_7969	True	ABY1	4.72e-06	0.00043%	0.0	1	0.000621	0.000246	1.12e-05	9.73e-06	0.000312%
L498	False	OP11-4	4.71e-06	0.000429%	0.0	1	0.000679	5.38e-05	4.93e-05	7.59e-06	0.000243%
L631	False	PBS-25	4.7e-06	0.000429%	0.0	1	0.00215	8.59e-05	9.04e-05	1.09e-05	0.00035%
OTU_4064	True	koll11	4.7e-06	0.000428%	0.0	1	0.000369	3.86e-05	8.09e-06	1.51e-05	0.000484%
L253	False	ABY1	4.69e-06	0.000427%	0.0	1	0.000695	0.000146	2.46e-05	9.04e-06	0.00029%
L544	False	SJA-4	4.68e-06	0.000427%	0.0	1	0.00108	0.00023	0.00213	3.47e-05	0.00111%
L1553	False	ZB2	4.68e-06	0.000426%	0.0	1	0.00542	0.00132	0.000704	9.67e-06	0.00031%
OTU_499	True	PBS-25	4.67e-06	0.000426%	0.0	1	0.000366	0.0	0.0	5.8e-06	0.000186%
L1182	False	GIF10	4.67e-06	0.000425%	0.0	1	0.00117	8.83e-05	0.000209	1.61e-05	0.000517%
OTU_436	True	koll11	4.67e-06	0.000425%	0.0	1	0.000451	0.0	2.25e-06	9.98e-06	0.00032%
OTU_165	True	koll11	4.66e-06	0.000424%	0.0	1	0.0135	0.000917	0.0021	3.37e-06	0.000108%
OTU_9264	True	ABY1	4.66e-06	0.000424%	0.0	1	0.00029	2.45e-05	3.24e-06	1.18e-05	0.000378%
L917	False	OP3	4.65e-06	0.000424%	0.0	1	0.000619	8.72e-05	0.0	8.45e-06	0.000271%
L133	False	ABY1	4.65e-06	0.000423%	0.0	1	0.00341	0.000376	0.000421	7.52e-06	0.000241%
L1888	False	OD1	4.62e-06	0.000421%	0.0	1	0.000379	7.48e-05	1.05e-05	1.31e-05	0.000419%
L653	False	koll11	4.61e-06	0.00042%	0.0	1	0.0162	0.00231	0.00455	2.96e-06	9.48e-05%
OTU_4014	True	GIF10	4.6e-06	0.000419%	0.0	1	0.0	3.39e-05	0.000469	1.73e-05	0.000554%
L144	False	ABY1	4.6e-06	0.000419%	0.0	1	0.00286	0.00141	0.000297	2.22e-05	0.000711%
OTU_6328	True	ZB2	4.59e-06	0.000418%	0.0	1	0.0	0.00102	0.000785	1.49e-05	0.000477%
OTU_7670	True	ABY1	4.59e-06	0.000418%	0.0	1	0.000398	1.99e-07	1.96e-05	9.08e-06	0.000291%
OTU_4797	True	koll11	4.59e-06	0.000418%	0.0	1	1.89e-06	1.22e-05	0.000394	1.24e-05	0.000397%
OTU_571	True	koll11	4.59e-06	0.000418%	0.0	1	0.000261	0.0	0.0	8.36e-06	0.000268%
OTU_173	True	PBS-25	4.58e-06	0.000418%	0.0	1	0.00118	8.44e-05	0.000843	3.49e-05	0.00112%
OTU_6544	True	ZB2	4.58e-06	0.000418%	0.0	1	0.0	0.0	0.00084	1.28e-05	0.00041%
L1726	False	Mb-NB09	4.58e-06	0.000417%	0.0	1	0.00374	0.000603	0.000939	8.36e-06	0.000268%
L204	False	ABY1	4.55e-06	0.000415%	0.0	1	0.00192	9.63e-05	0.00077	1.17e-05	0.000374%
L826	False	PBS-25	4.55e-06	0.000414%	0.0	1	0.00559	0.000528	0.00053	8.74e-06	0.00028%
L1900	False	OD1	4.53e-06	0.000413%	0.0	1	0.000524	0.000172	7.38e-05	2.25e-05	0.000721%
OTU_8067	True	OD1	4.53e-06	0.000412%	0.0	1	0.000313	8.44e-05	0.0	1.43e-05	0.000459%
L663	False	koll11	4.52e-06	0.000411%	0.0	1	0.00317	0.000101	0.000354	6.9e-06	0.000221%
L1243	False	TM7-1	4.5e-06	0.00041%	0.0	1	0.00413	0.0117	0.00913	4.8e-05	0.00154%
OTU_753	True	koll11	4.5e-06	0.00041%	0.0	1	0.000497	5.38e-06	0.0	9.63e-06	0.000308%
OTU_6437	True	ZB2	4.45e-06	0.000405%	0.0	1	0.000473	1.12e-05	8.97e-06	5.61e-06	0.00018%
L1192	False	koll11	4.41e-06	0.000402%	0.0	1	0.000582	1.44e-05	4.3e-05	7.04e-06	0.000226%
L1591	False	OD1	4.4e-06	0.000401%	0.0	1	0.00194	0.00666	0.00501	3.88e-05	0.00124%
OTU_6	True	OD1	4.37e-06	0.000398%	0.0	1	0.000111	0.0	0.0	1.07e-05	0.000342%
OTU_6013	True	ABY1	4.36e-06	0.000397%	0.0	1	0.000297	0.0	4.68e-06	6.34e-06	0.000203%
OTU_6055	True	ABY1	4.35e-06	0.000396%	0.0	1	0.000264	2.96e-05	0.0	9.07e-06	0.000291%
OTU_4583	True	ZB2	4.34e-06	0.000395%	0.0	1	0.0011	0.000106	0.000112	1.03e-05	0.000331%
L1484	False	ZB2	4.34e-06	0.000395%	0.0	1	0.00401	0.000561	0.000731	6.88e-06	0.00022%
OTU_6572	True	ZB2	4.33e-06	0.000395%	0.0	1	0.00172	0.000189	5.1e-05	6.57e-06	0.000211%
OTU_495	True	koll11	4.33e-06	0.000395%	0.0	1	0.000899	1.89e-05	0.0	7.29e-06	0.000234%
L477	False	OP11-4	4.33e-06	0.000395%	0.0	1	0.000998	0.000227	5.01e-05	7.22e-06	0.000231%
L770	False	PBS-25	4.32e-06	0.000393%	0.0	1	0.00411	0.00031	0.000443	8.49e-06	0.000272%
L636	False	PBS-25	4.31e-06	0.000393%	0.0	1	0.00106	3.56e-05	1.06e-05	6.21e-06	0.000199%
OTU_8782	True	ABY1	4.3e-06	0.000392%	0.0	1	0.00242	9.51e-05	0.0	8.95e-06	0.000287%
L1866	False	OD1	4.29e-06	0.00039%	0.0	1	0.00149	0.000146	0.000181	6.69e-06	0.000214%
L15	False	ABY1	4.27e-06	0.000389%	0.0	1	0.00146	5.3e-05	0.0	6.49e-06	0.000208%
OTU_861	True	PBS-25	4.26e-06	0.000388%	0.0	1	0.000814	0.0	0.0	1.24e-05	0.000396%
L848	False	koll11	4.24e-06	0.000387%	0.0	1	0.00697	0.000533	0.0015	1e-05	0.000321%
L377	False	ABY1	4.24e-06	0.000386%	0.0	1	0.000378	0.0	7.42e-08	5.99e-06	0.000192%
OTU_10862	True	OP11-4	4.21e-06	0.000384%	0.0	1	0.000846	0.000227	5.01e-05	8.99e-06	0.000288%
OTU_8108	True	ABY1	4.2e-06	0.000382%	0.0	1	0.000234	1.43e-05	1.81e-07	7.35e-06	0.000235%
OTU_8163	True	ABY1	4.19e-06	0.000382%	0.0	1	0.000231	4.54e-07	0.0	7.94e-06	0.000254%
L1001	False	koll11	4.19e-06	0.000382%	0.0	1	0.00191	0.000373	0.00102	2.43e-05	0.000778%
L1062	False	koll11	4.18e-06	0.000381%	0.0	1	0.00223	0.000307	0.000678	1.44e-05	0.000462%
L1147	False	koll11	4.18e-06	0.000381%	0.0	1	0.00329	0.000274	0.00115	1.08e-05	0.000345%
L506	False	OP11-4	4.17e-06	0.00038%	0.0	1	0.00397	0.000523	0.000706	5.66e-06	0.000181%
L554	False	SJA-4	4.17e-06	0.00038%	0.0	1	0.000694	6.99e-05	5.85e-05	1.42e-05	0.000456%
L1833	False	OD1	4.16e-06	0.000379%	0.0	1	8.42e-05	3.91e-06	0.000159	2.41e-05	0.000771%
L1019	False	koll11	4.13e-06	0.000376%	0.0	1	0.00348	0.000616	0.000482	4.67e-06	0.00015%
OTU_8815	True	ABY1	4.11e-06	0.000375%	0.0	1	0.000404	1.26e-05	0.0	1.2e-05	0.000386%

OTU_7853	True	ABY1	4.11e-06	0.000375%	0.0	1	0.000816	2.24e-05	1.94e-05	8.3e-06	0.000266%
L1151	False	koll11	4.09e-06	0.000372%	0.0	1	0.00218	0.000351	0.000165	8.93e-06	0.000286%
OTU_8527	True	ABY1	4.08e-06	0.000371%	0.0	1	5.04e-06	0.000159	0.000401	1.51e-05	0.000483%
L1293	False	TM7-3	4.06e-06	0.00037%	0.0	1	0.00162	5.22e-07	3.05e-05	6.33e-06	0.000203%
OTU_4028	True	koll11	4.06e-06	0.00037%	0.0	1	0.000761	0.0	0.0	6.59e-06	0.000211%
OTU_8299	True	ABY1	4.06e-06	0.00037%	0.0	1	1.66e-05	0.00157	0.0013	7.28e-06	0.000233%
OTU_335	True	koll11	4.05e-06	0.000369%	0.0	1	0.00308	0.000402	0.000138	7.47e-06	0.000239%
OTU_2521	True	koll11	4.04e-06	0.000368%	0.0	1	0.000283	1.8e-06	3.57e-06	9.56e-06	0.000306%
OTU_1088	True	koll11	4.03e-06	0.000368%	0.0	1	0.000632	0.0	3.57e-06	7.53e-06	0.000241%
L1540	False	ZB2	4.03e-06	0.000367%	0.0	1	0.000439	0.0	0.0	6.24e-06	0.0002%
OTU_7961	True	ZB2	4.03e-06	0.000367%	0.0	1	0.000279	0.000183	1.08e-05	1.48e-05	0.000475%
OTU_1247	True	PRR-12	4.03e-06	0.000367%	0.0	1	0.00103	5.69e-05	2.22e-05	8.27e-06	0.000265%
L718	False	PBS-25	4.03e-06	0.000367%	0.0	1	0.00295	0.000418	0.000744	8.35e-06	0.000267%
OTU_1590	True	PBS-25	4.02e-06	0.000366%	0.0	1	0.000377	1.25e-05	0.0	8.05e-06	0.000258%
L433	False	OP11	4.01e-06	0.000365%	0.0	1	0.00138	0.000161	0.000672	1.5e-05	0.000481%
L1263	False	TM7-1	3.97e-06	0.000362%	0.0	1	0.00102	0.0	0.0	5.52e-06	0.000177%
L198	False	ABY1	3.96e-06	0.000361%	0.0	1	0.00131	0.000342	1.12e-05	6.42e-06	0.000206%
OTU_5893	True	OD1	3.93e-06	0.000358%	0.0	1	0.000167	0.0	0.0	8.35e-06	0.000267%
OTU_4041	True	koll11	3.93e-06	0.000358%	0.0	1	0.000553	0.0	0.0	8.03e-06	0.000257%
OTU_9156	True	Mb-NB09	3.92e-06	0.000357%	0.0	1	0.000251	0.0	0.0	8.38e-06	0.000268%
OTU_7122	True	ZB2	3.92e-06	0.000357%	0.0	1	0.000288	1.89e-05	2e-05	1.12e-05	0.000359%
OTU_672	True	koll11	3.89e-06	0.000355%	0.0	1	0.000828	4.04e-05	0.00019	1.14e-05	0.000365%
L1261	False	TM7-1	3.89e-06	0.000354%	0.0	1	0.00239	0.000263	7.09e-05	4.9e-06	0.000157%
L1598	False	OD1	3.87e-06	0.000353%	0.0	1	5.78e-05	0.00627	0.00345	6.64e-06	0.000213%
OTU_8744	True	TM7-1	3.85e-06	0.000351%	0.0	1	0.000134	0.0	0.0	9.33e-06	0.000299%
L1091	False	koll11	3.84e-06	0.00035%	0.0	1	0.0117	0.00106	0.00237	3.98e-06	0.000128%
L748	False	PBS-25	3.84e-06	0.00035%	0.0	1	0.00526	0.000519	0.00103	5.86e-06	0.000188%
OTU_7233	True	ABY1	3.84e-06	0.00035%	0.0	1	0.00367	4.32e-05	0.000258	5.41e-06	0.000173%
OTU_10795	True	OP11-3	3.84e-06	0.00035%	0.0	1	7.49e-05	0.0	0.0	1.01e-05	0.000323%
OTU_6709	True	OD1	3.83e-06	0.000349%	0.0	1	0.000225	0.0	0.0	5.23e-06	0.000168%
OTU_6089	True	SM2F11	3.82e-06	0.000348%	0.0	1	0.000295	0.0	0.0	8.99e-06	0.000288%
OTU_8039	True	ABY1	3.82e-06	0.000348%	0.0	1	0.000448	0.0	0.0	6.99e-06	0.000224%
OTU_140	True	OD1	3.82e-06	0.000348%	0.0	1	4.46e-05	4.37e-05	0.00037	2.41e-05	0.000771%
L1666	False	OD1	3.82e-06	0.000348%	0.0	1	0.00339	0.000892	0.000712	9.63e-06	0.000308%
L1239	False	TM7	3.82e-06	0.000348%	0.0	1	0.00467	0.0117	0.00913	5.45e-05	0.00174%
L943	False	koll11	3.82e-06	0.000348%	0.0	1	0.0102	0.00101	0.00142	2.13e-06	6.82e-05%
L118	False	OD1	3.81e-06	0.000347%	0.0	1	0.0156	0.0477	0.029	1.53e-05	0.000491%
OTU_8224	True	ABY1	3.81e-06	0.000347%	0.0	1	0.000114	0.0	0.0	6.79e-06	0.000218%
L206	False	ABY1	3.81e-06	0.000347%	0.0	1	0.00192	5.4e-05	2.26e-05	4.27e-06	0.000137%
OTU_449	True	koll11	3.79e-06	0.000345%	0.0	1	0.000405	3.96e-05	0.000321	2.3e-05	0.000736%
OTU_5236	True	OD1	3.78e-06	0.000345%	0.0	1	0.000517	1.48e-05	3.57e-06	4.33e-06	0.000139%
OTU_315	True	PBS-25	3.78e-06	0.000344%	0.0	1	0.00479	0.000534	9.75e-05	3.93e-06	0.000126%
OTU_57	True	Mb-NB09	3.77e-06	0.000343%	0.0	1	5.86e-05	6.69e-06	0.0	1.31e-05	0.00042%
OTU_343	True	koll11	3.77e-06	0.000343%	0.0	1	0.000861	7.32e-05	0.000402	1.71e-05	0.000547%
OTU_3125	True	koll11	3.76e-06	0.000343%	0.0	1	0.000412	2.04e-05	2e-05	9.48e-06	0.000304%
L1748	False	OD1	3.75e-06	0.000342%	0.0	1	0.00156	0.000795	0.00234	4.69e-05	0.0015%
OTU_837	True	koll11	3.73e-06	0.00034%	0.0	1	0.000918	0.000248	0.000109	1.89e-05	0.000607%
L634	False	PBS-25	3.73e-06	0.00034%	0.0	1	0.00112	4.56e-05	1.06e-05	5.4e-06	0.000173%
OTU_7973	True	ABY1	3.72e-06	0.000339%	0.0	1	0.0	0.000812	0.000582	1.58e-05	0.000505%
L1819	False	OD1	3.72e-06	0.000339%	0.0	1	0.00131	5.83e-05	3.66e-05	6.2e-06	0.000199%
L1241	False	TM7	3.71e-06	0.000338%	0.0	1	0.00414	0.0117	0.00913	3.96e-05	0.00127%
L102	False	ABY1	3.69e-06	0.000337%	0.0	1	0.00153	5.83e-05	1.55e-05	4.89e-06	0.000157%
OTU_9026	True	ABY1	3.67e-06	0.000335%	0.0	1	0.000478	4.8e-05	0.00012	8.4e-06	0.000269%
L1667	False	OD1	3.67e-06	0.000335%	0.0	1	0.000734	0.000184	0.0	6.42e-06	0.000206%
L1521	False	ZB2	3.67e-06	0.000334%	0.0	1	0.00237	0.000274	0.000102	3.64e-06	0.000117%
L958	False	koll11	3.67e-06	0.000334%	0.0	1	0.000845	2.78e-05	6.27e-05	6.29e-06	0.000201%
OTU_8643	True	ABY1	3.65e-06	0.000332%	0.0	1	0.000349	6.74e-06	7e-06	6.42e-06	0.000206%
L196	False	ABY1	3.64e-06	0.000332%	0.0	1	0.00154	0.000343	1.12e-05	5.64e-06	0.000181%
OTU_8146	True	ABY1	3.64e-06	0.000331%	0.0	1	0.000186	0.0	0.0	7.63e-06	0.000245%
OTU_6315	True	K2-4-19	3.63e-06	0.00033%	0.0	1	0.00023	0.0	0.0	6.8e-06	0.000218%
L460	False	OP11-4	3.61e-06	0.000329%	0.0	1	0.000804	0.00012	0.000108	8.02e-06	0.000257%
OTU_8122	True	ABY1	3.61e-06	0.000329%	0.0	1	0.000251	1.57e-05	0.0	7.38e-06	0.000237%
L86	False	ABY1	3.6e-06	0.000328%	0.0	1	0.00111	7.15e-05	0.0	7.32e-06	0.000234%
L500	False	OP11-4	3.58e-06	0.000326%	0.0	1	0.000391	5.21e-06	0.0	5.36e-06	0.000172%
OTU_310	True	koll11	3.58e-06	0.000326%	0.0	1	0.000891	2.68e-05	3.97e-05	9.08e-06	0.000291%

L353	False	OD1	3.58e-06	0.000326%	0.0	1	0.000431	9.16e-05	1.53e-05	1.15e-05	0.000369%
OTU_1020	True	PBS-25	3.57e-06	0.000325%	0.0	1	0.000454	0.0	3.57e-05	8.42e-06	0.00027%
OTU_6634	True	K2-4-19	3.56e-06	0.000325%	0.0	1	0.000295	7.75e-06	0.0	4.17e-06	0.000133%
OTU_6567	True	ZB2	3.56e-06	0.000324%	0.0	1	0.00175	0.000246	0.000489	1.42e-05	0.000453%
L1144	False	koll11	3.54e-06	0.000323%	0.0	1	0.00412	0.000451	0.00133	8.21e-06	0.000263%
OTU_6088	True	ABY1	3.54e-06	0.000323%	0.0	1	0.000626	9.19e-05	3.87e-05	1.13e-05	0.000362%
L252	False	ABY1	3.54e-06	0.000323%	0.0	1	0.000695	0.000146	4.93e-05	7.85e-06	0.000251%
L1504	False	ZB2	3.53e-06	0.000322%	0.0	1	0.000213	9.09e-07	0.0	9.46e-06	0.000303%
L242	False	ABY1	3.53e-06	0.000321%	0.0	1	0.00759	0.00142	0.00124	6.24e-06	0.0002%
L463	False	OP11-4	3.53e-06	0.000321%	0.0	1	0.000358	0.000103	5.43e-06	1.11e-05	0.000355%
L1219	False	koll11	3.51e-06	0.00032%	0.0	1	0.000181	0.0	0.0	8.07e-06	0.000258%
OTU_5443	True	ZB2	3.5e-06	0.000319%	0.0	1	0.000774	0.000385	0.000185	2.22e-05	0.000713%
L1186	False	GIF10	3.49e-06	0.000318%	0.0	1	0.000343	0.0	0.0	5.01e-06	0.000161%
OTU_6922	True	OD1	3.48e-06	0.000317%	0.0	1	0.000272	0.0	3.24e-05	6.97e-06	0.000223%
OTU_1101	True	koll11	3.47e-06	0.000316%	0.0	1	0.00157	0.000157	0.000413	1.29e-05	0.000412%
L1763	False	OD1	3.45e-06	0.000315%	0.0	1	0.000313	4.37e-05	0.000379	3.33e-05	0.00107%
L935	False	koll11	3.45e-06	0.000314%	0.0	1	0.00101	2.41e-05	0.0	5.07e-06	0.000162%
L1529	False	ZB2	3.45e-06	0.000314%	0.0	1	0.000972	0.000437	0.000194	1.59e-05	0.000509%
L1703	False	OD1	3.45e-06	0.000314%	0.0	1	0.00104	5.9e-05	0.0	5.65e-06	0.000181%
OTU_29	True	ZB2	3.42e-06	0.000311%	0.0	1	0.00176	0.000247	0.000588	8.72e-06	0.000279%
OTU_5495	True	ZB2	3.42e-06	0.000311%	0.0	1	0.000687	6.32e-05	9.89e-06	7.17e-06	0.00023%
OTU_9271	True	ABY1	3.41e-06	0.000311%	0.0	1	0.000126	0.0	0.0	6.97e-06	0.000223%
OTU_907	True	koll11	3.41e-06	0.00031%	0.0	1	0.00369	0.000222	0.000955	5.71e-06	0.000183%
L1564	False	ZB2	3.4e-06	0.00031%	0.0	1	0.00542	0.000929	0.000943	3.71e-06	0.000119%
L586	False	PRR-12	3.39e-06	0.000309%	0.0	1	0.00217	7.07e-05	1.6e-05	3.6e-06	0.000115%
OTU_7009	True	ZB2	3.39e-06	0.000308%	0.0	1	0.000419	0.0	0.0	6.9e-06	0.000221%
OTU_371	True	koll11	3.39e-06	0.000308%	0.0	1	0.000655	0.000122	0.000339	2.06e-05	0.00066%
OTU_451	True	PRR-10	3.38e-06	0.000308%	0.0	1	0.00962	0.00117	0.000595	3.9e-06	0.000125%
L1628	False	ZB2	3.36e-06	0.000306%	0.0	1	0.00478	0.000863	0.00177	1.01e-05	0.000325%
L1623	False	OD1	3.36e-06	0.000306%	0.0	1	0.000303	3.78e-05	6.17e-05	1.14e-05	0.000365%
OTU_608	True	koll11	3.35e-06	0.000306%	0.0	1	0.00377	0.000309	0.00101	5.81e-06	0.000186%
OTU_9291	True	ABY1	3.35e-06	0.000305%	0.0	1	0.000277	2.57e-05	0.0	9.03e-06	0.000289%
L886	False	koll11	3.33e-06	0.000304%	0.0	1	0.00168	0.000428	0.000324	9.71e-06	0.000311%
L1200	False	koll11	3.33e-06	0.000303%	0.0	1	0.00173	8.37e-05	0.000131	4.04e-06	0.000129%
OTU_437	True	PBS-25	3.32e-06	0.000303%	0.0	1	0.000361	0.0	1.78e-05	7.08e-06	0.000227%
OTU_3064	True	koll11	3.32e-06	0.000302%	0.0	1	0.000734	7.07e-05	4.24e-05	5.82e-06	0.000187%
OTU_8664	True	OD1	3.29e-06	0.0003%	0.0	1	0.000117	1.34e-06	0.0	8.92e-06	0.000286%
L339	False	OD1	3.28e-06	0.000299%	0.0	1	0.000787	5.76e-05	1.15e-05	7.3e-06	0.000234%
OTU_5449	True	OD1	3.28e-06	0.000299%	0.0	1	0.000764	0.000117	4.34e-05	6.19e-06	0.000198%
L1201	False	koll11	3.27e-06	0.000298%	0.0	1	0.00132	6.33e-05	0.000111	4.76e-06	0.000152%
L1525	False	ZB2	3.26e-06	0.000297%	0.0	1	0.000509	8.49e-05	5.06e-05	7.82e-06	0.000251%
L1670	False	OD1	3.25e-06	0.000296%	0.0	1	0.00266	0.000708	0.000712	1.44e-05	0.000461%
OTU_4757	True	ZB2	3.25e-06	0.000296%	0.0	1	0.000397	0.000348	2.52e-05	2.23e-05	0.000714%
L550	False	SJA-4	3.24e-06	0.000295%	0.0	1	0.000643	0.0	0.000153	1.22e-05	0.00039%
OTU_8832	True	Mb-NB09	3.23e-06	0.000295%	0.0	1	0.00056	8.14e-06	2.3e-05	8.24e-06	0.000264%
OTU_5902	True	OD1	3.23e-06	0.000294%	0.0	1	0.000443	2.25e-07	6.97e-06	4.65e-06	0.000149%
OTU_9077	True	OD1	3.23e-06	0.000294%	0.0	1	0.000404	0.0	3.57e-06	9.05e-06	0.00029%
L178	False	SM2F11	3.23e-06	0.000294%	0.0	1	0.000582	8.3e-05	0.000236	1.16e-05	0.000371%
OTU_996	True	PBS-25	3.23e-06	0.000294%	0.0	1	0.000643	2.03e-05	0.0	6.34e-06	0.000203%
OTU_7174	True	OD1	3.21e-06	0.000293%	0.0	1	0.00226	0.000219	0.000371	4.18e-06	0.000134%
OTU_7138	True	ABY1	3.21e-06	0.000292%	0.0	1	6.69e-05	1.34e-05	0.000995	9.78e-06	0.000313%
L1762	False	OD1	3.2e-06	0.000292%	0.0	1	0.000419	4.37e-05	0.000379	2.57e-05	0.000823%
OTU_2347	True	SJA-4	3.2e-06	0.000292%	0.0	1	0.000694	6.99e-05	5.71e-05	1.09e-05	0.000349%
L1084	False	koll11	3.2e-06	0.000291%	0.0	1	0.00318	0.000635	0.000361	5.79e-06	0.000185%
OTU_268	True	koll11	3.2e-06	0.000291%	0.0	1	0.000873	0.000191	4.62e-05	7.29e-06	0.000233%
OTU_395	True	koll11	3.18e-06	0.00029%	0.0	1	0.00109	3.68e-05	8.83e-05	4.6e-06	0.000147%
OTU_552	True	koll11	3.18e-06	0.00029%	0.0	1	0.00063	8.13e-05	2.05e-05	1.18e-05	0.000377%
OTU_600	True	PBS-25	3.18e-06	0.00029%	0.0	1	0.000521	4.1e-06	3.14e-05	7.44e-06	0.000238%
OTU_430	True	PBS-25	3.17e-06	0.000289%	0.0	1	0.00307	0.000298	0.000941	8.41e-06	0.000269%
OTU_35	True	GIF10	3.15e-06	0.000287%	0.0	1	0.000849	0.0	1.48e-07	5.04e-06	0.000161%
L1272	False	TM7	3.14e-06	0.000286%	0.0	1	0.000385	6.43e-07	2.07e-05	5.62e-06	0.00018%
OTU_6662	True	ZB2	3.14e-06	0.000286%	0.0	1	7.37e-07	0.000503	0.00132	1.01e-05	0.000325%
OTU_833	True	koll11	3.13e-06	0.000285%	0.0	1	0.00117	1.09e-05	1.87e-05	3.29e-06	0.000105%
L1134	False	koll11	3.12e-06	0.000285%	0.0	1	0.00115	2.68e-05	3.97e-05	5.94e-06	0.00019%
OTU_9016	True	ABY1	3.11e-06	0.000284%	0.0	1	0.00024	1.93e-05	7.42e-08	6.52e-06	0.000209%

L1354	False	ZB2	3.11e-06	0.000283%	0.0	1	0.00323	0.00065	0.00118	1.34e-05	0.00043%
OTU_1263	True	PBS-25	3.1e-06	0.000283%	0.0	1	0.000452	0.0	0.0	6.64e-06	0.000213%
OTU_6568	True	ZB2	3.1e-06	0.000282%	0.0	1	0.000243	0.0	0.0	5.72e-06	0.000183%
OTU_2207	True	PBS-25	3.08e-06	0.000281%	0.0	1	0.00184	0.000117	0.000154	1.08e-05	0.000345%
OTU_7944	True	ABY1	3.07e-06	0.00028%	0.0	1	0.000502	0.0	3.1e-05	7.12e-06	0.000228%
OTU_7945	True	ABY1	3.06e-06	0.000279%	0.0	1	0.000427	1.04e-05	2.25e-05	6.66e-06	0.000213%
L1896	False	OD1	3.05e-06	0.000278%	0.0	1	0.00106	0.000176	3.49e-05	5.35e-06	0.000171%
OTU_5654	True	OD1	3.05e-06	0.000278%	0.0	1	0.000119	0.0	0.0	6.55e-06	0.00021%
OTU_7327	True	ABY1	3.05e-06	0.000278%	0.0	1	4.73e-07	0.000657	9.38e-05	5.46e-06	0.000175%
L1516	False	OD1	3.04e-06	0.000277%	0.0	1	0.000618	0.000173	0.00129	1.86e-05	0.000596%
L1612	False	ZB2	3.03e-06	0.000276%	0.0	1	0.00142	0.000106	3.2e-05	4.07e-06	0.00013%
OTU_8249	True	ABY1	3.03e-06	0.000276%	0.0	1	0.00197	0.000404	0.000239	1.03e-05	0.000329%
OTU_299	True	PBS-25	3.03e-06	0.000276%	0.0	1	0.00139	0.000268	0.000286	8.22e-06	0.000263%
OTU_9728	True	ZB2	3.02e-06	0.000275%	0.0	1	0.000159	1.1e-05	0.0	8.02e-06	0.000257%
L657	False	koll11	3.02e-06	0.000275%	0.0	1	0.00496	0.000334	0.00101	3.95e-06	0.000127%
OTU_7005	True	ZB2	3.01e-06	0.000274%	0.0	1	0.000312	0.0	0.0	6.51e-06	0.000208%
L1077	False	koll11	2.99e-06	0.000272%	0.0	1	0.00208	0.000143	0.0	4.86e-06	0.000156%
OTU_2705	True	SJA-4	2.99e-06	0.000272%	0.0	1	0.000173	0.0	2.15e-05	8.17e-06	0.000262%
OTU_5493	True	ZB2	2.99e-06	0.000272%	0.0	1	0.00066	0.0	0.0	3.64e-06	0.000116%
OTU_7212	True	ZB2	2.98e-06	0.000272%	0.0	1	0.000173	5.08e-06	2.99e-07	6.76e-06	0.000217%
OTU_5588	True	OD1	2.96e-06	0.00027%	0.0	1	0.000722	1.68e-05	1.1e-05	5.31e-06	0.00017%
L1517	False	OD1	2.95e-06	0.000269%	0.0	1	0.000618	0.000173	0.00129	1.81e-05	0.00058%
L1643	False	ZB2	2.94e-06	0.000267%	0.0	1	0.00117	0.000307	0.00104	2.17e-05	0.000696%
L1858	False	OD1	2.94e-06	0.000267%	0.0	1	0.000302	1.04e-06	1.96e-05	5.18e-06	0.000166%
OTU_5240	True	ZB2	2.93e-06	0.000267%	0.0	1	0.000409	0.000141	9.16e-06	9.19e-06	0.000295%
OTU_8868	True	ABY1	2.92e-06	0.000266%	0.0	1	0.000152	2.15e-05	8.39e-07	7.03e-06	0.000225%
OTU_7383	True	ABY1	2.92e-06	0.000266%	0.0	1	0.000279	2.42e-05	0.0	6.79e-06	0.000217%
OTU_7983	True	ABY1	2.91e-06	0.000265%	0.0	1	0.0	0.000454	0.000443	1.44e-05	0.00046%
L1695	False	Mb-NB09	2.9e-06	0.000265%	0.0	1	0.00111	0.000293	5.92e-05	5.12e-06	0.000164%
OTU_4894	True	GIF10	2.9e-06	0.000265%	0.0	1	0.000222	0.0	0.0	6.19e-06	0.000198%
L238	False	ABY1	2.89e-06	0.000263%	0.0	1	0.000864	2.25e-06	2.87e-05	5.59e-06	0.000179%
OTU_2634	True	PBS-25	2.88e-06	0.000263%	0.0	1	0.00332	0.000468	0.000545	7.2e-06	0.000231%
L662	False	koll11	2.88e-06	0.000262%	0.0	1	0.00341	0.000153	0.000515	4.2e-06	0.000135%
OTU_6057	True	ABY1	2.87e-06	0.000262%	0.0	1	0.000377	8.8e-05	0.0	1.34e-05	0.000428%
OTU_7975	True	ABY1	2.87e-06	0.000262%	0.0	1	0.00109	0.000246	7.16e-06	6.72e-06	0.000215%
OTU_463	True	koll11	2.87e-06	0.000261%	0.0	1	0.00044	3.85e-05	3.45e-05	7.06e-06	0.000226%
OTU_10779	True	OP11-4	2.86e-06	0.000261%	0.0	1	0.000922	0.00016	5.12e-05	4.66e-06	0.000149%
OTU_5515	True	ZB2	2.86e-06	0.00026%	0.0	1	0.000356	2.04e-06	7.01e-07	6.35e-06	0.000203%
L878	False	koll11	2.85e-06	0.00026%	0.0	1	0.00774	0.00156	0.00297	4.29e-06	0.000137%
OTU_6469	True	OD1	2.85e-06	0.000259%	0.0	1	0.00312	0.000256	0.000324	5.69e-06	0.000182%
L1850	False	OD1	2.82e-06	0.000257%	0.0	1	0.000309	9.86e-06	8.21e-05	1.08e-05	0.000346%
OTU_6591	True	ZB2	2.81e-06	0.000256%	0.0	1	0.000333	0.0	0.0	5.74e-06	0.000184%
OTU_4491	True	koll11	2.81e-06	0.000256%	0.0	1	0.000263	0.0	0.0	6e-06	0.000192%
L911	False	koll11	2.8e-06	0.000255%	0.0	1	0.00101	0.000157	0.000352	1.03e-05	0.000331%
L1100	False	koll11	2.79e-06	0.000254%	0.0	1	0.00171	0.000125	0.000683	9.67e-06	0.00031%
OTU_5931	True	OD1	2.78e-06	0.000254%	0.0	1	0.000912	0.000146	8.84e-05	7.19e-06	0.00023%
L1803	False	OD1	2.78e-06	0.000253%	0.0	1	0.000716	0.0	0.0	3.67e-06	0.000117%
L1339	False	ZB2	2.78e-06	0.000253%	0.0	1	0.00161	0.000595	0.000221	8.14e-06	0.000261%
L734	False	PBS-25	2.78e-06	0.000253%	0.0	1	0.00618	0.000802	0.000384	2.67e-06	8.55e-05%
OTU_7843	True	ABY1	2.75e-06	0.00025%	0.0	1	0.00324	0.00136	0.000196	9.76e-06	0.000313%
OTU_6966	True	OD1	2.74e-06	0.00025%	0.0	1	0.000273	0.0	0.0	5.56e-06	0.000178%
OTU_8786	True	ABY1	2.74e-06	0.000249%	0.0	1	7.36e-05	0.000316	5.86e-06	1.4e-05	0.000449%
OTU_52	True	ZB2	2.72e-06	0.000248%	0.0	1	0.000167	9.04e-06	0.0	6.61e-06	0.000212%
L754	False	PBS-25	2.72e-06	0.000247%	0.0	1	0.00161	0.000149	9.12e-05	4.77e-06	0.000153%
L1773	False	OD1	2.71e-06	0.000247%	0.0	1	0.000668	0.000112	7.25e-05	6.48e-06	0.000207%
OTU_6779	True	ZB2	2.7e-06	0.000246%	0.0	1	4.67e-06	0.0	0.00023	6.66e-06	0.000213%
OTU_5995	True	SM2F11	2.7e-06	0.000246%	0.0	1	0.000244	4.01e-05	0.000206	1.86e-05	0.000595%
OTU_7343	True	ABY1	2.69e-06	0.000245%	0.0	1	4.73e-07	0.000781	0.00113	1.12e-05	0.000358%
L740	False	PBS-25	2.68e-06	0.000244%	0.0	1	0.00137	9.48e-05	0.00119	1.81e-05	0.000581%
OTU_7592	True	ZB2	2.67e-06	0.000243%	0.0	1	0.0	0.0	0.000306	6.08e-06	0.000195%
L1746	False	OD1	2.67e-06	0.000243%	0.0	1	0.00162	0.000914	0.00235	4.03e-05	0.00129%
OTU_328	True	koll11	2.67e-06	0.000243%	0.0	1	0.000398	0.0	0.0	5.53e-06	0.000177%
L1114	False	koll11	2.67e-06	0.000243%	0.0	1	0.00399	0.000176	0.000525	3.59e-06	0.000115%
L1340	False	ZB2	2.65e-06	0.000242%	0.0	1	0.000973	0.000508	4.41e-05	8.29e-06	0.000265%
OTU_5343	True	ZB2	2.65e-06	0.000241%	0.0	1	0.000655	8.49e-05	2.84e-05	5.65e-06	0.000181%

L1616	False	ZB2	2.64e-06	0.00024%	0.0	1	0.000574	2.36e-05	5.9e-05	6.66e-06	0.000213%
OTU_7231	True	ABY1	2.64e-06	0.00024%	0.0	1	0.000274	0.0	0.0	4.03e-06	0.000129%
L1075	False	koll11	2.63e-06	0.00024%	0.0	1	0.00232	0.000143	0.0	3.66e-06	0.000117%
OTU_227	True	koll11	2.62e-06	0.000239%	0.0	1	0.00183	0.000267	0.000357	9.19e-06	0.000295%
OTU_1449	True	PBS-25	2.62e-06	0.000239%	0.0	1	0.0133	0.00147	0.00466	4.46e-06	0.000143%
OTU_1583	True	koll11	2.61e-06	0.000238%	0.0	1	0.00026	4.06e-06	1.57e-05	6.09e-06	0.000195%
L1202	False	koll11	2.61e-06	0.000238%	0.0	1	0.00112	5.12e-05	9.29e-05	4.49e-06	0.000144%
L772	False	PBS-25	2.6e-06	0.000237%	0.0	1	0.00365	0.00031	0.000408	5.65e-06	0.000181%
OTU_5490	True	Mb-NB09	2.6e-06	0.000237%	0.0	1	0.000726	5.77e-05	0.0	6.19e-06	0.000198%
OTU_8208	True	ABY1	2.59e-06	0.000236%	0.0	1	7.58e-05	0.0	8.63e-06	7.45e-06	0.000239%
L655	False	koll11	2.58e-06	0.000235%	0.0	1	0.00784	0.000607	0.00198	2.14e-06	6.86e-05%
OTU_5881	True	OD1	2.58e-06	0.000235%	0.0	1	0.000706	0.000209	0.000257	1.2e-05	0.000384%
OTU_6598	True	ZB2	2.58e-06	0.000235%	0.0	1	0.0	0.000236	0.000791	7.5e-06	0.00024%
OTU_7959	True	ABY1	2.57e-06	0.000234%	0.0	1	0.000574	0.0	0.0	4.24e-06	0.000136%
OTU_7052	True	ABY1	2.56e-06	0.000233%	0.0	1	0.00105	9.87e-05	0.0	6.56e-06	0.00021%
L1121	False	koll11	2.55e-06	0.000232%	0.0	1	0.00155	0.000101	0.000116	3.98e-06	0.000128%
OTU_1282	True	PRR-12	2.53e-06	0.000231%	0.0	1	0.000665	4.65e-05	2e-06	5.49e-06	0.000176%
OTU_9070	True	ABY1	2.53e-06	0.000231%	0.0	1	5.1e-06	0.000283	0.00028	1.23e-05	0.000394%
L202	False	ABY1	2.53e-06	0.00023%	0.0	1	0.00289	9.63e-05	0.000772	4.24e-06	0.000136%
L1344	False	ZB2	2.52e-06	0.00023%	0.0	1	0.000563	0.000352	2.52e-05	1.1e-05	0.000353%
OTU_5531	True	OD1	2.52e-06	0.00023%	0.0	1	0.000316	1.3e-06	0.0	4.51e-06	0.000145%
L674	False	koll11	2.51e-06	0.000228%	0.0	1	0.00786	0.00161	0.0024	4.75e-06	0.000152%
L944	False	koll11	2.5e-06	0.000227%	0.0	1	0.0046	0.000492	0.00106	2.4e-06	7.68e-05%
L1185	False	GIF10	2.49e-06	0.000227%	0.0	1	0.00114	0.000183	7.01e-05	4.14e-06	0.000133%
OTU_307	True	koll11	2.49e-06	0.000227%	0.0	1	0.00397	0.000227	0.00108	4.83e-06	0.000155%
OTU_2626	True	SJA-4	2.49e-06	0.000227%	0.0	1	3.49e-05	4.42e-07	0.000581	7.39e-06	0.000237%
L1648	False	ZB2	2.49e-06	0.000227%	0.0	1	0.000438	0.000194	1.08e-05	6.9e-06	0.000221%
OTU_5528	True	ZB2	2.49e-06	0.000227%	0.0	1	0.000198	5.2e-05	8.5e-06	7.48e-06	0.00024%
OTU_418	True	koll11	2.48e-06	0.000226%	0.0	1	0.00122	3.74e-05	5.05e-06	3.08e-06	9.86e-05%
OTU_4887	True	koll11	2.47e-06	0.000225%	0.0	1	0.000475	4.71e-06	4.3e-05	4.76e-06	0.000153%
OTU_7966	True	ZB2	2.47e-06	0.000225%	0.0	1	0.0	0.000328	8.13e-05	8.4e-06	0.000269%
OTU_9808	True	TM7-1	2.47e-06	0.000225%	0.0	1	0.000284	0.0	0.0	5.06e-06	0.000162%
L245	False	ABY1	2.46e-06	0.000224%	0.0	1	0.000104	2.69e-05	0.00103	8.22e-06	0.000263%
L1168	False	GIF10	2.46e-06	0.000224%	0.0	1	0.00123	0.00025	4.74e-05	4.74e-06	0.000152%
L1469	False	ZB2	2.46e-06	0.000224%	0.0	1	0.000473	1.12e-05	1.58e-05	3.28e-06	0.000105%
OTU_7974	True	ABY1	2.45e-06	0.000223%	0.0	1	0.000122	0.00018	7.06e-06	1.23e-05	0.000395%
L684	False	koll11	2.44e-06	0.000222%	0.0	1	0.000979	3.69e-05	3.08e-05	5.59e-06	0.000179%
OTU_6672	True	ABY1	2.44e-06	0.000222%	0.0	1	7.07e-05	0.000626	0.000225	1.51e-05	0.000483%
OTU_278	True	koll11	2.43e-06	0.000222%	0.0	1	0.000842	8.81e-05	0.00011	6.96e-06	0.000223%
OTU_414	True	PRR-12	2.42e-06	0.000221%	0.0	1	0.0012	3.67e-06	0.0	3.81e-06	0.000122%
OTU_998	True	PBS-25	2.42e-06	0.000221%	0.0	1	0.00043	0.0	0.0	5.06e-06	0.000162%
OTU_8222	True	ABY1	2.42e-06	0.000221%	0.0	1	0.000104	0.0	7.42e-08	4.43e-06	0.000142%
L1087	False	koll11	2.41e-06	0.00022%	0.0	1	0.000667	0.000182	8.69e-05	9.19e-06	0.000294%
L1067	False	koll11	2.41e-06	0.000219%	0.0	1	0.000746	4.81e-05	0.000196	7.53e-06	0.000241%
OTU_8932	True	Mb-NB09	2.4e-06	0.000219%	0.0	1	0.000518	0.000129	2.82e-05	7.42e-06	0.000238%
OTU_8198	True	OD1	2.38e-06	0.000217%	0.0	1	0.000157	2.61e-05	3.39e-06	8.09e-06	0.000259%
OTU_8201	True	ABY1	2.38e-06	0.000217%	0.0	1	0.000146	1.19e-05	7.42e-08	4.63e-06	0.000148%
OTU_5423	True	OD1	2.38e-06	0.000217%	0.0	1	9.16e-05	0.0	0.0	4.86e-06	0.000156%
OTU_8267	True	ABY1	2.37e-06	0.000216%	0.0	1	8.85e-06	0.00301	0.00266	5.31e-06	0.00017%
OTU_2571	True	PBS-25	2.35e-06	0.000214%	0.0	1	0.000248	1.53e-05	5.22e-06	6.05e-06	0.000194%
L747	False	PBS-25	2.35e-06	0.000214%	0.0	1	0.00584	0.000656	0.00107	3.07e-06	9.84e-05%
L387	False	Bacteria	2.35e-06	0.000214%	0.0	1	0.835	0.844	0.902	2.3e-05	0.000737%
OTU_8928	True	TM7-1	2.34e-06	0.000213%	0.0	1	0.000344	8.86e-05	2.3e-05	9.68e-06	0.00031%
OTU_6953	True	ZB2	2.32e-06	0.000212%	0.0	1	0.0	0.000421	0.0	2.86e-06	9.16e-05%
OTU_1094	True	PBS-25	2.32e-06	0.000211%	0.0	1	0.00135	0.000149	7.05e-05	4.92e-06	0.000158%
L1070	False	koll11	2.31e-06	0.000211%	0.0	1	0.000782	7.12e-06	3.8e-06	5.53e-06	0.000177%
OTU_5997	True	OD1	2.3e-06	0.00021%	0.0	1	6.28e-05	3.91e-06	0.000159	1.29e-05	0.000414%
L1434	False	ZB2	2.3e-06	0.000209%	0.0	1	0.00231	0.000376	0.000299	4.87e-06	0.000156%
L1303	False	TM7	2.3e-06	0.000209%	0.0	1	0.000786	0.000142	0.000177	1.03e-05	0.00033%
OTU_10765	True	OP11-4	2.3e-06	0.000209%	0.0	1	0.000692	4.89e-05	7.7e-05	3.03e-06	9.72e-05%
L1118	False	koll11	2.29e-06	0.000209%	0.0	1	0.00405	0.000227	0.00108	4.28e-06	0.000137%
OTU_306	True	koll11	2.29e-06	0.000209%	0.0	1	0.00108	7.42e-05	0.000283	5.61e-06	0.00018%
L1481	False	ZB2	2.29e-06	0.000209%	0.0	1	0.000474	0.0	0.0	4.19e-06	0.000134%
L462	False	OP11-4	2.28e-06	0.000208%	0.0	1	0.000745	0.000116	0.000108	5.72e-06	0.000183%
OTU_259	True	PBS-25	2.28e-06	0.000208%	0.0	1	0.00247	0.000692	0.000949	8.31e-06	0.000266%

OTU_178	True	koll11	2.27e-06	0.000207%	0.0	1	0.00119	0.000209	0.000291	9.68e-06	0.00031%
OTU_3998	True	koll11	2.27e-06	0.000207%	0.0	1	0.000251	2.29e-05	5.03e-05	6.89e-06	0.000221%
OTU_5951	True	OD1	2.27e-06	0.000207%	0.0	1	0.000166	1.82e-05	6.98e-06	6.3e-06	0.000202%
OTU_1825	True	koll11	2.26e-06	0.000206%	0.0	1	0.000754	0.000147	0.000352	1.31e-05	0.00042%
L340	False	OD1	2.26e-06	0.000206%	0.0	1	0.000521	2.42e-05	5.77e-06	5.21e-06	0.000167%
L351	False	OD1	2.25e-06	0.000205%	0.0	1	0.000584	0.000113	1.61e-05	5.05e-06	0.000162%
OTU_7219	True	ZB2	2.24e-06	0.000204%	0.0	1	3.85e-05	0.000342	0.0	6.72e-06	0.000215%
OTU_858	True	koll11	2.24e-06	0.000204%	0.0	1	0.000395	2.67e-05	0.0	7.91e-06	0.000253%
OTU_4008	True	koll11	2.24e-06	0.000204%	0.0	1	0.00288	0.000273	0.000972	6.16e-06	0.000197%
OTU_8749	True	OD1	2.23e-06	0.000203%	0.0	1	0.000432	0.000102	4.54e-05	6.52e-06	0.000209%
L1487	False	ZB2	2.22e-06	0.000202%	0.0	1	0.00219	0.000311	0.000605	6.91e-06	0.000221%
L1394	False	ZB2	2.22e-06	0.000202%	0.0	1	0.00453	0.00316	0.00218	3.07e-05	0.000983%
L761	False	PBS-25	2.22e-06	0.000202%	0.0	1	0.00248	0.000107	0.000147	6.76e-06	0.000217%
L609	False	PRR-12	2.21e-06	0.000201%	0.0	1	0.000797	0.0	0.0	3.05e-06	9.75e-05%
OTU_811	True	koll11	2.21e-06	0.000201%	0.0	1	0.000402	0.0	1.42e-05	3.2e-06	0.000103%
L1570	False	ZB2	2.21e-06	0.000201%	0.0	1	0.00196	0.000256	0.000611	4.94e-06	0.000158%
L373	False	ABY1	2.2e-06	0.000201%	0.0	1	0.000501	0.000287	2.15e-05	8.93e-06	0.000286%
L1492	False	ZB2	2.2e-06	0.0002%	0.0	1	0.000839	0.000154	2.15e-05	3.02e-06	9.68e-05%
L915	False	OP3	2.2e-06	0.0002%	0.0	1	0.00116	8.72e-05	4.95e-06	2.83e-06	9.06e-05%
OTU_891	True	PRR-12	2.19e-06	0.0002%	0.0	1	0.00117	0.000147	7.07e-05	6.03e-06	0.000193%
OTU_345	True	koll11	2.18e-06	0.000199%	0.0	1	3.65e-05	6.01e-05	0.000456	1.3e-05	0.000417%
L1502	False	ZB2	2.18e-06	0.000198%	0.0	1	0.000213	3.82e-05	4.16e-05	1.48e-05	0.000475%
L1172	False	GIF10	2.17e-06	0.000197%	0.0	1	0.00107	0.00025	4.74e-05	4.82e-06	0.000155%
OTU_6161	True	ABY1	2.16e-06	0.000197%	0.0	1	0.000145	0.0	0.0	4.66e-06	0.000149%
L237	False	ABY1	2.16e-06	0.000196%	0.0	1	0.0015	3.57e-05	3.19e-05	3.1e-06	9.92e-05%
OTU_2529	True	GIF10	2.15e-06	0.000196%	0.0	1	0.000506	1.54e-05	1.41e-05	4.59e-06	0.000147%
OTU_6108	True	ZB2	2.14e-06	0.000195%	0.0	1	0.0	0.000137	2.25e-06	4.49e-06	0.000144%
OTU_10850	True	OP11-4	2.14e-06	0.000195%	0.0	1	0.000113	0.0	0.0	3.88e-06	0.000124%
OTU_5514	True	OD1	2.13e-06	0.000194%	0.0	1	0.000136	1.87e-05	0.0	5.86e-06	0.000188%
OTU_7207	True	ZB2	2.13e-06	0.000194%	0.0	1	9.83e-05	2.2e-06	2.14e-06	4.66e-06	0.000149%
OTU_904	True	koll11	2.13e-06	0.000194%	0.0	1	0.000433	1.01e-05	0.0	3.5e-06	0.000112%
OTU_549	True	koll11	2.13e-06	0.000194%	0.0	1	0.00023	0.0	2.72e-05	5.2e-06	0.000167%
L280	False	ABY1	2.12e-06	0.000193%	0.0	1	0.000395	2.57e-05	0.0	4.13e-06	0.000132%
OTU_2412	True	SJA-4	2.11e-06	0.000192%	0.0	1	0.000167	8.8e-06	0.0	5.1e-06	0.000163%
L1707	False	Mb-NB09	2.11e-06	0.000192%	0.0	1	0.000989	8.87e-05	4.57e-05	3.4e-06	0.000109%
OTU_7938	True	ABY1	2.1e-06	0.000191%	0.0	1	0.00028	2.25e-06	2.87e-05	4.49e-06	0.000144%
OTU_10809	True	OP11-4	2.1e-06	0.000191%	0.0	1	0.000289	4.86e-05	0.0	4.38e-06	0.00014%
OTU_8239	True	ABY1	2.09e-06	0.000191%	0.0	1	0.000228	1.66e-06	0.0	4.13e-06	0.000132%
OTU_6680	True	OD1	2.09e-06	0.000191%	0.0	1	0.000257	0.0	1.65e-05	3.26e-06	0.000104%
OTU_8990	True	ABY1	2.08e-06	0.000189%	0.0	1	0.0	0.000338	0.000168	9.2e-06	0.000295%
L1170	False	GIF10	2.08e-06	0.000189%	0.0	1	0.00107	0.00025	4.74e-05	4.62e-06	0.000148%
L34	False	ABY1	2.08e-06	0.000189%	0.0	1	0.000413	1.93e-05	1.91e-05	3.57e-06	0.000114%
L445	False	OP11-4	2.07e-06	0.000189%	0.0	1	0.00139	7.45e-05	0.000909	9.12e-06	0.000292%
OTU_6976	True	ZB2	2.07e-06	0.000189%	0.0	1	0.000301	2.76e-05	2.43e-05	7.87e-06	0.000252%
OTU_892	True	BD4-9	2.07e-06	0.000188%	0.0	1	0.000293	0.0	0.0	5.11e-06	0.000164%
OTU_7929	True	OD1	2.06e-06	0.000188%	0.0	1	9.59e-05	0.0	8.29e-07	4.34e-06	0.000139%
L1880	False	OD1	2.05e-06	0.000187%	0.0	1	0.00031	4.8e-05	1.68e-05	5.04e-06	0.000161%
OTU_4010	True	koll11	2.03e-06	0.000185%	0.0	1	0.000545	0.000255	7.35e-06	6.65e-06	0.000213%
L1291	False	TM7-3	2.02e-06	0.000184%	0.0	1	0.00162	5.22e-07	3.05e-05	3.15e-06	0.000101%
L1620	False	ZB2	2.01e-06	0.000183%	0.0	1	0.00199	0.00149	0.000866	2.87e-05	0.000919%
OTU_821	True	koll11	2.01e-06	0.000183%	0.0	1	0.000186	0.0	0.0	4.29e-06	0.000137%
OTU_817	True	BD4-9	2.01e-06	0.000183%	0.0	1	0.000119	0.0	0.0	3.66e-06	0.000117%
OTU_8021	True	ABY1	1.99e-06	0.000181%	0.0	1	0.000637	3.35e-05	3.19e-06	4.38e-06	0.00014%
L1651	False	ZB2	1.99e-06	0.000181%	0.0	1	0.000178	8.52e-05	0.000818	1.02e-05	0.000328%
L720	False	PBS-25	1.97e-06	0.000179%	0.0	1	0.00217	0.000314	0.000626	5.44e-06	0.000174%
OTU_1539	True	PBS-25	1.97e-06	0.000179%	0.0	1	0.000141	0.0	0.0	4.19e-06	0.000134%
L906	False	koll11	1.96e-06	0.000179%	0.0	1	0.00115	0.00025	0.00105	1.65e-05	0.000528%
OTU_8006	True	TM7-1	1.96e-06	0.000178%	0.0	1	0.00036	4.44e-05	0.0	5.24e-06	0.000168%
OTU_559	True	koll11	1.95e-06	0.000178%	0.0	1	0.000339	1.61e-05	3.45e-05	4.93e-06	0.000158%
OTU_6189	True	ZB2	1.95e-06	0.000178%	0.0	1	0.0	0.000409	8.73e-05	3.16e-06	0.000101%
OTU_6069	True	ABY1	1.95e-06	0.000178%	0.0	1	0.000321	4.16e-05	3.57e-05	6.11e-06	0.000196%
L1266	False	TM7-1	1.94e-06	0.000177%	0.0	1	0.00136	0.000263	7.09e-05	4.19e-06	0.000134%
OTU_262	True	koll11	1.94e-06	0.000177%	0.0	1	0.00749	0.00107	0.00214	5.15e-06	0.000165%
OTU_8012	True	ZB2	1.93e-06	0.000176%	0.0	1	0.000759	1.77e-05	0.000199	5.7e-06	0.000183%
L1877	False	OD1	1.93e-06	0.000176%	0.0	1	0.000755	0.000188	4.05e-05	4.78e-06	0.000153%

OTU_8050	True	ABY1	1.92e-06	0.000175%	0.0	1	0.000161	4.45e-05	1.81e-07	6e-06	0.000192%
OTU_6569	True	ZB2	1.92e-06	0.000175%	0.0	1	0.000332	3.01e-05	1.64e-05	4.48e-06	0.000144%
OTU_466	True	koll11	1.92e-06	0.000175%	0.0	1	0.000202	6.78e-06	0.000104	1.05e-05	0.000335%
L665	False	koll11	1.91e-06	0.000174%	0.0	1	0.00305	8.14e-05	0.000354	2.93e-06	9.37e-05%
OTU_8936	True	Mb-NB09	1.9e-06	0.000173%	0.0	1	0.0	0.0002	1.24e-05	4.84e-06	0.000155%
L214	False	ABY1	1.89e-06	0.000172%	0.0	1	0.000256	3.17e-05	0.0	4.75e-06	0.000152%
L696	False	koll11	1.89e-06	0.000172%	0.0	1	0.00193	0.000563	5.65e-05	2.71e-06	8.67e-05%
OTU_8219	True	ABY1	1.88e-06	0.000171%	0.0	1	0.000137	9.47e-06	1.3e-05	6.71e-06	0.000215%
OTU_8247	True	ZB2	1.87e-06	0.000171%	0.0	1	0.000413	1.14e-05	2.97e-06	3.4e-06	0.000109%
OTU_2577	True	PBS-25	1.87e-06	0.000171%	0.0	1	0.000835	9.94e-05	3.42e-05	5.33e-06	0.000171%
OTU_293	True	koll11	1.87e-06	0.00017%	0.0	1	0.000462	0.000214	0.000124	2.2e-05	0.000706%
OTU_10770	True	OP11-4	1.86e-06	0.00017%	0.0	1	0.000246	8.77e-05	3.05e-06	5.39e-06	0.000173%
OTU_3769	True	koll11	1.86e-06	0.00017%	0.0	1	0.00138	0.000307	4.91e-05	3.5e-06	0.000112%
OTU_509	True	PBS-25	1.86e-06	0.000169%	0.0	1	0.00114	9.98e-05	5.34e-05	5.05e-06	0.000162%
L1875	False	OD1	1.86e-06	0.000169%	0.0	1	0.000954	0.000336	5.06e-05	5.42e-06	0.000174%
L451	False	OP11-4	1.85e-06	0.000168%	0.0	1	0.00117	5.38e-05	0.000775	9.64e-06	0.000309%
OTU_8227	True	OD1	1.85e-06	0.000168%	0.0	1	0.000118	7.22e-06	1.53e-05	5.66e-06	0.000181%
OTU_8164	True	Mb-NB09	1.85e-06	0.000168%	0.0	1	0.000668	0.000413	6.22e-05	8.14e-06	0.000261%
OTU_9341	True	TM7-1	1.84e-06	0.000168%	0.0	1	0.000224	3.22e-06	3.68e-05	4.77e-06	0.000153%
L65	False	ABY1	1.84e-06	0.000168%	0.0	1	0.00048	1.02e-06	0.00011	5.93e-06	0.00019%
OTU_2714	True	koll11	1.84e-06	0.000168%	0.0	1	0.00119	0.000244	0.000824	1.37e-05	0.000438%
L739	False	PBS-25	1.84e-06	0.000167%	0.0	1	0.00251	0.000195	0.00124	8.43e-06	0.00027%
OTU_2279	True	OP3	1.83e-06	0.000167%	0.0	1	0.00125	4e-05	0.0	2.44e-06	7.8e-05%
OTU_3356	True	SBRH58	1.82e-06	0.000166%	0.0	1	0.000349	0.0	7.42e-08	2.98e-06	9.56e-05%
L728	False	PBS-25	1.82e-06	0.000166%	0.0	1	0.00842	0.000857	0.000909	2.66e-06	8.53e-05%
OTU_6219	True	ZB2	1.82e-06	0.000166%	0.0	1	0.000296	2.4e-05	0.0	4.96e-06	0.000159%
OTU_190	True	koll11	1.82e-06	0.000165%	0.0	1	0.00252	0.000588	0.00208	1.57e-05	0.000503%
L1734	False	Mb-NB09	1.81e-06	0.000165%	0.0	1	0.000909	0.000413	6.22e-05	5.21e-06	0.000167%
OTU_2202	True	PBS-25	1.8e-06	0.000164%	0.0	1	0.000221	0.0	0.0	4.36e-06	0.00014%
OTU_367	True	koll11	1.79e-06	0.000163%	0.0	1	0.000515	4.81e-05	0.00019	7e-06	0.000224%
OTU_860	True	PBS-25	1.79e-06	0.000163%	0.0	1	0.000217	0.0	0.0	5.24e-06	0.000168%
OTU_1432	True	koll11	1.79e-06	0.000163%	0.0	1	0.000482	5.14e-06	0.0	1.98e-06	6.36e-05%
L1086	False	koll11	1.79e-06	0.000163%	0.0	1	0.00318	0.000635	0.000361	3.23e-06	0.000104%
OTU_445	True	koll11	1.78e-06	0.000163%	0.0	1	0.000435	9.09e-05	7.13e-05	6.67e-06	0.000214%
OTU_985	True	PBS-25	1.77e-06	0.000162%	0.0	1	0.000518	3.65e-05	7.42e-08	3.26e-06	0.000104%
L382	False	OD1	1.76e-06	0.000161%	0.0	1	0.000897	4.5e-05	5.3e-06	2.86e-06	9.17e-05%
L1127	False	koll11	1.76e-06	0.00016%	0.0	1	0.000769	0.000104	3.61e-05	6.36e-06	0.000204%
OTU_554	True	PRR-12	1.76e-06	0.00016%	0.0	1	0.000444	0.0	0.0	3.49e-06	0.000112%
OTU_574	True	koll11	1.75e-06	0.00016%	0.0	1	0.000253	1.71e-06	3.84e-05	4.82e-06	0.000155%
OTU_9374	True	TM7-1	1.75e-06	0.00016%	0.0	1	0.000291	0.0	0.0	3.35e-06	0.000107%
L688	False	koll11	1.75e-06	0.000159%	0.0	1	0.00486	0.00118	0.00146	3.65e-06	0.000117%
L1899	False	OD1	1.74e-06	0.000159%	0.0	1	0.000877	0.000218	0.000113	6.11e-06	0.000196%
L1759	False	OD1	1.73e-06	0.000158%	0.0	1	0.000317	0.0	0.000272	8.04e-06	0.000258%
OTU_2194	True	koll11	1.73e-06	0.000158%	0.0	1	0.000873	1.32e-05	0.00103	7.38e-06	0.000236%
OTU_6222	True	ZB2	1.73e-06	0.000157%	0.0	1	0.000243	3.29e-05	5.48e-05	6.55e-06	0.00021%
L1283	False	TM7-3	1.71e-06	0.000156%	0.0	1	0.000419	0.0	0.0	3.6e-06	0.000115%
L1508	False	OD1	1.7e-06	0.000155%	0.0	1	0.0136	0.00262	0.00749	2.93e-06	9.4e-05%
L1203	False	koll11	1.69e-06	0.000154%	0.0	1	0.000537	5.12e-05	9.29e-05	4.84e-06	0.000155%
L615	False	BD4-9	1.68e-06	0.000153%	0.0	1	0.000412	1.39e-05	0.0	3.46e-06	0.000111%
OTU_2009	True	PRR-12	1.66e-06	0.000152%	0.0	1	0.00137	0.000146	0.000214	3.34e-06	0.000107%
OTU_7949	True	ABY1	1.66e-06	0.000151%	0.0	1	0.000762	0.000104	6.04e-06	2.78e-06	8.9e-05%
L225	False	ABY1	1.65e-06	0.00015%	0.0	1	0.00122	0.00091	0.000582	4.63e-05	0.00148%
OTU_5075	True	GIF10	1.64e-06	0.00015%	0.0	1	0.000121	0.0	0.0	2.66e-06	8.51e-05%
OTU_8213	True	ABY1	1.64e-06	0.000149%	0.0	1	0.000142	9.42e-07	0.0	2.5e-06	8.01e-05%
OTU_981	True	PRR-12	1.63e-06	0.000149%	0.0	1	0.000759	9.62e-07	0.0	3.39e-06	0.000109%
L152	False	ABY1	1.62e-06	0.000148%	0.0	1	0.000476	0.000296	3.96e-05	9.84e-06	0.000315%
L997	False	koll11	1.62e-06	0.000147%	0.0	1	0.000943	0.000147	0.000369	6.11e-06	0.000196%
OTU_7211	True	ABY1	1.62e-06	0.000147%	0.0	1	8.18e-05	0.0	0.0	3.92e-06	0.000125%
OTU_6184	True	SM2F11	1.61e-06	0.000147%	0.0	1	0.0	0.000213	1.5e-05	3.95e-06	0.000127%
OTU_363	True	koll11	1.61e-06	0.000146%	0.0	1	0.00037	4.42e-07	0.0	2.48e-06	7.94e-05%
OTU_498	True	wb1_H11	1.59e-06	0.000145%	0.0	1	0.000353	0.0	0.0	2.95e-06	9.46e-05%
OTU_2685	True	PBS-25	1.59e-06	0.000145%	0.0	1	0.0	0.0	0.000366	3.76e-06	0.00012%
OTU_5837	True	OD1	1.59e-06	0.000144%	0.0	1	0.000179	7.57e-06	4.63e-05	6.42e-06	0.000206%
OTU_9815	True	ABY1	1.58e-06	0.000144%	0.0	1	0.000118	0.0	0.0	3.18e-06	0.000102%

OTU_1232	True	PBS-25	1.58e-06	0.000144%	0.0	1	0.00215	8.59e-05	9.04e-05	3.67e-06	0.000117%
OTU_6708	True	ZB2	1.57e-06	0.000143%	0.0	1	0.000106	0.0	0.0	2.87e-06	9.18e-05%
OTU_8252	True	ABY1	1.57e-06	0.000143%	0.0	1	0.00127	4.21e-05	5.93e-06	2.17e-06	6.95e-05%
OTU_454	True	koll11	1.57e-06	0.000143%	0.0	1	0.000484	4.35e-05	2.69e-05	2.91e-06	9.31e-05%
L786	False	PBS-25	1.56e-06	0.000142%	0.0	1	0.000831	0.00011	0.000375	7.61e-06	0.000244%
OTU_295	True	koll11	1.56e-06	0.000142%	0.0	1	2.32e-05	0.000219	0.0	5.83e-06	0.000187%
L1285	False	TM7-3	1.55e-06	0.000141%	0.0	1	0.000419	0.0	0.0	3.27e-06	0.000105%
OTU_440	True	PBS-25	1.55e-06	0.000141%	0.0	1	0.000802	0.000101	3.68e-05	2.95e-06	9.44e-05%
OTU_6995	True	ABY1	1.55e-06	0.000141%	0.0	1	0.001	0.000326	9.49e-05	3.69e-06	0.000118%
L546	False	SJA-4	1.54e-06	0.00014%	0.0	1	0.00044	0.00023	0.00101	2.06e-05	0.000661%
OTU_7958	True	ABY1	1.53e-06	0.000139%	0.0	1	0.000116	9.53e-06	0.0	4e-06	0.000128%
L414	False	ABY1	1.52e-06	0.000138%	0.0	1	5.72e-06	0.000569	0.00196	4.66e-06	0.000149%
OTU_7943	True	ABY1	1.52e-06	0.000138%	0.0	1	0.0001	0.0	0.0	3.56e-06	0.000114%
OTU_501	True	koll11	1.52e-06	0.000138%	0.0	1	0.000244	0.0	0.0	2.16e-06	6.92e-05%
OTU_8865	True	TM7-1	1.51e-06	0.000138%	0.0	1	0.0	5.31e-05	0.000297	5.28e-06	0.000169%
OTU_659	True	koll11	1.5e-06	0.000137%	0.0	1	0.000144	0.0	0.0	2.75e-06	8.81e-05%
OTU_3274	True	PBS-25	1.49e-06	0.000136%	0.0	1	0.000322	2.36e-05	0.0	3.17e-06	0.000102%
L48	False	OD1	1.49e-06	0.000136%	0.0	1	0.000493	0.000405	5.86e-06	7.44e-06	0.000238%
OTU_893	True	PBS-25	1.49e-06	0.000136%	0.0	1	0.000582	6.58e-05	7.42e-08	3.47e-06	0.000111%
OTU_6633	True	ZB2	1.47e-06	0.000134%	0.0	1	0.000164	4.94e-06	8.03e-05	5.64e-06	0.000181%
L1639	False	ZB2	1.47e-06	0.000134%	0.0	1	0.00118	0.000307	0.00104	1.07e-05	0.000343%
L571	False	SJA-4	1.46e-06	0.000133%	0.0	1	0.000167	1.47e-05	0.0	3.79e-06	0.000122%
OTU_6305	True	OD1	1.46e-06	0.000133%	0.0	1	6.19e-05	0.0	0.0	3.51e-06	0.000112%
OTU_6515	True	SM2F11	1.45e-06	0.000133%	0.0	1	0.000267	0.0	3.22e-05	3.77e-06	0.000121%
OTU_7029	True	OD1	1.45e-06	0.000132%	0.0	1	0.00022	0.000249	7.35e-05	2.02e-05	0.000648%
OTU_562	True	koll11	1.45e-06	0.000132%	0.0	1	0.000395	2.78e-05	6.04e-05	3.68e-06	0.000118%
OTU_1042	True	OP3	1.44e-06	0.000131%	0.0	1	0.000315	4.48e-05	5.7e-06	2.57e-06	8.24e-05%
OTU_5491	True	OD1	1.43e-06	0.00013%	0.0	1	0.000443	0.0	0.0	2.49e-06	7.99e-05%
OTU_8762	True	OD1	1.42e-06	0.00013%	0.0	1	0.000236	9.94e-06	2.71e-05	3.16e-06	0.000101%
OTU_8757	True	OD1	1.42e-06	0.000129%	0.0	1	0.000127	0.0	8.21e-05	6.2e-06	0.000199%
OTU_6930	True	ZB2	1.42e-06	0.000129%	0.0	1	0.000169	0.0	0.0	3.02e-06	9.66e-05%
OTU_7980	True	OP11-4	1.41e-06	0.000129%	0.0	1	0.000145	2.53e-05	2.3e-05	4.96e-06	0.000159%
OTU_6005	True	SM2F11	1.41e-06	0.000129%	0.0	1	0.00024	2.67e-05	3.03e-05	4.04e-06	0.00013%
OTU_5377	True	ZB2	1.41e-06	0.000128%	0.0	1	0.000218	2.16e-05	5.83e-05	7.24e-06	0.000232%
L553	False	SJA-4	1.39e-06	0.000126%	0.0	1	0.000694	6.99e-05	5.85e-05	4.74e-06	0.000152%
OTU_10934	True	GIF10	1.38e-06	0.000126%	0.0	1	0.000161	0.0	0.0	2.56e-06	8.19e-05%
OTU_550	True	koll11	1.38e-06	0.000126%	0.0	1	0.000231	0.0	5.69e-06	3.57e-06	0.000114%
OTU_906	True	koll11	1.38e-06	0.000125%	0.0	1	0.000847	0.000131	7.56e-05	2.73e-06	8.75e-05%
L719	False	PBS-25	1.37e-06	0.000125%	0.0	1	0.00258	0.000418	0.000726	3.44e-06	0.00011%
OTU_5392	True	ZB2	1.36e-06	0.000124%	0.0	1	6.06e-05	0.0	6.9e-06	4.24e-06	0.000136%
OTU_6579	True	ZB2	1.36e-06	0.000124%	0.0	1	1.85e-06	0.000127	0.000531	5.88e-06	0.000188%
L1749	False	OD1	1.35e-06	0.000123%	0.0	1	0.00114	0.000751	0.00196	2.25e-05	0.000722%
OTU_4122	True	koll11	1.35e-06	0.000123%	0.0	1	0.000522	8.62e-05	0.000163	9.51e-06	0.000305%
L1359	False	ZB2	1.35e-06	0.000123%	0.0	1	0.000292	0.0	0.000365	7.09e-06	0.000227%
OTU_8373	True	ABY1	1.34e-06	0.000122%	0.0	1	0.000151	2.25e-07	1.74e-05	3e-06	9.62e-05%
OTU_580	True	PBS-25	1.33e-06	0.000122%	0.0	1	0.00146	0.00016	0.000161	2.79e-06	8.95e-05%
OTU_7215	True	ABY1	1.33e-06	0.000121%	0.0	1	0.00059	0.000146	2.46e-05	3.21e-06	0.000103%
OTU_1140	True	PBS-25	1.33e-06	0.000121%	0.0	1	0.000447	5.68e-05	0.000298	1.17e-05	0.000376%
OTU_8143	True	OP11-4	1.33e-06	0.000121%	0.0	1	9.94e-06	1.08e-06	0.000109	4.74e-06	0.000152%
OTU_4802	True	GIF10	1.32e-06	0.000121%	0.0	1	0.000227	3.88e-05	0.0	4.25e-06	0.000136%
OTU_1244	True	koll11	1.31e-06	0.000119%	0.0	1	0.000602	0.000216	0.000218	1.34e-05	0.000428%
OTU_4247	True	koll11	1.31e-06	0.000119%	0.0	1	0.000492	1.04e-05	3.08e-05	2.93e-06	9.39e-05%
OTU_6933	True	ZB2	1.31e-06	0.000119%	0.0	1	0.000271	6.07e-05	0.0	4.03e-06	0.000129%
OTU_7930	True	ZB2	1.31e-06	0.000119%	0.0	1	0.000134	0.0	0.0	2.62e-06	8.39e-05%
OTU_8126	True	ABY1	1.3e-06	0.000119%	0.0	1	0.0009	1.07e-06	3e-05	3.49e-06	0.000112%
L817	False	PBS-25	1.29e-06	0.000118%	0.0	1	0.00131	0.00012	7.42e-08	2.95e-06	9.46e-05%
OTU_7041	True	ZB2	1.29e-06	0.000118%	0.0	1	1.5e-06	0.000492	0.000384	4.2e-06	0.000135%
L693	False	koll11	1.28e-06	0.000117%	0.0	1	0.00162	0.000317	0.000582	4.83e-06	0.000155%
OTU_5887	True	OD1	1.28e-06	0.000116%	0.0	1	0.000311	2.51e-05	4e-06	2.31e-06	7.39e-05%
OTU_966	True	PRR-12	1.28e-06	0.000116%	0.0	1	0.0	4.5e-05	0.000126	6.97e-06	0.000223%
OTU_4833	True	OD1	1.27e-06	0.000116%	0.0	1	7.5e-05	0.0	7.42e-08	3e-06	9.59e-05%
OTU_171	True	koll11	1.27e-06	0.000116%	0.0	1	0.00128	0.000373	0.00102	1.1e-05	0.000352%
L683	False	koll11	1.27e-06	0.000116%	0.0	1	0.000979	3.69e-05	3.08e-05	2.9e-06	9.3e-05%
OTU_429	True	PBS-25	1.27e-06	0.000116%	0.0	1	2.91e-05	8.98e-06	0.000338	4.61e-06	0.000148%

OTU_5265	True	OD1	1.26e-06	0.000115%	0.0	1	0.000644	7.57e-05	2.02e-05	2.46e-06	7.87e-05%
OTU_6542	True	OD1	1.26e-06	0.000115%	0.0	1	0.000238	0.000532	4.47e-05	8.2e-06	0.000263%
OTU_1218	True	koll11	1.26e-06	0.000114%	0.0	1	0.000268	0.000111	2.62e-05	5.57e-06	0.000179%
OTU_3804	True	PBS-25	1.25e-06	0.000114%	0.0	1	0.000126	0.0	0.0	2.66e-06	8.51e-05%
L1104	False	koll11	1.25e-06	0.000114%	0.0	1	0.000863	7.33e-05	0.000402	5.65e-06	0.000181%
OTU_7225	True	ZB2	1.24e-06	0.000113%	0.0	1	0.00288	0.000798	0.00135	8.45e-06	0.000271%
OTU_926	True	koll11	1.24e-06	0.000113%	0.0	1	0.00103	0.000212	0.000106	2.64e-06	8.46e-05%
L1645	False	ZB2	1.24e-06	0.000113%	0.0	1	0.000827	0.000304	0.00104	1.32e-05	0.000424%
OTU_8009	True	ABY1	1.24e-06	0.000113%	0.0	1	0.000785	0.0	0.0	2.59e-06	8.31e-05%
OTU_1133	True	GIF10	1.24e-06	0.000113%	0.0	1	0.000562	0.000234	3.34e-05	5.01e-06	0.000161%
OTU_6758	True	ZB2	1.23e-06	0.000112%	0.0	1	0.000213	9.09e-07	0.0	3.3e-06	0.000106%
L1635	False	ZB2	1.23e-06	0.000112%	0.0	1	0.000413	1.14e-05	2.97e-06	2.23e-06	7.13e-05%
L302	False	ABY1	1.22e-06	0.000111%	0.0	1	0.000349	1.37e-05	7e-06	2.28e-06	7.31e-05%
OTU_5794	True	OD1	1.22e-06	0.000111%	0.0	1	0.000305	2.46e-05	3.33e-05	2.1e-06	6.73e-05%
OTU_6117	True	OD1	1.21e-06	0.00011%	0.0	1	0.000358	5.65e-05	0.000388	1.12e-05	0.000359%
L562	False	SJA-4	1.21e-06	0.00011%	0.0	1	0.000289	0.000119	2.99e-07	3.49e-06	0.000112%
OTU_8903	True	ABY1	1.2e-06	0.00011%	0.0	1	0.00048	0.0	0.000103	3.78e-06	0.000121%
OTU_10776	True	OP11-4	1.2e-06	0.000109%	0.0	1	5.9e-05	3.7e-06	0.0	2.06e-06	6.59e-05%
OTU_4482	True	koll11	1.2e-06	0.000109%	0.0	1	0.000176	0.0	0.0	2.87e-06	9.18e-05%
L1737	False	Mb-NB09	1.19e-06	0.000109%	0.0	1	0.000328	1.43e-05	0.0	1.83e-06	5.85e-05%
L1646	False	ZB2	1.19e-06	0.000109%	0.0	1	0.00065	0.000219	0.000219	8.43e-06	0.00027%
OTU_6070	True	ZB2	1.19e-06	0.000109%	0.0	1	1.27e-05	0.000699	0.000636	6.83e-06	0.000219%
OTU_2885	True	PBS-25	1.19e-06	0.000108%	0.0	1	0.000473	5.18e-06	4.45e-06	1.32e-06	4.22e-05%
L677	False	koll11	1.19e-06	0.000108%	0.0	1	0.00156	0.000216	0.000885	6.12e-06	0.000196%
L882	False	koll11	1.18e-06	0.000108%	0.0	1	0.00686	0.00134	0.0029	2.04e-06	6.54e-05%
L1578	False	ZB2	1.18e-06	0.000108%	0.0	1	0.000519	3.12e-05	6.95e-05	3.3e-06	0.000106%
OTU_6835	True	OD1	1.18e-06	0.000107%	0.0	1	0.000154	0.0	1.65e-05	2.88e-06	9.21e-05%
L1287	False	EW055	1.18e-06	0.000107%	0.0	1	0.000402	0.0	0.0	2.52e-06	8.07e-05%
OTU_5878	True	OD1	1.17e-06	0.000107%	0.0	1	0.000176	6.41e-05	1.68e-05	5.48e-06	0.000176%
OTU_6561	True	OD1	1.17e-06	0.000107%	0.0	1	0.000106	2.25e-07	0.0	2.38e-06	7.62e-05%
OTU_5804	True	OD1	1.17e-06	0.000107%	0.0	1	0.00045	0.0	2.87e-06	2.54e-06	8.15e-05%
L1577	False	ZB2	1.17e-06	0.000106%	0.0	1	0.000907	0.000318	9.79e-05	4.07e-06	0.00013%
OTU_500	True	PBS-25	1.17e-06	0.000106%	0.0	1	0.000164	0.0	5.37e-06	2.58e-06	8.25e-05%
L1033	False	koll11	1.16e-06	0.000106%	0.0	1	0.000507	6.34e-06	0.000951	5.81e-06	0.000186%
L1024	False	koll11	1.16e-06	0.000106%	0.0	1	0.0023	0.000112	0.000288	1.43e-06	4.58e-05%
L1465	False	ZB2	1.15e-06	0.000104%	0.0	1	0.000297	0.00267	0.00103	6.24e-06	0.0002%
L1347	False	ZB2	1.15e-06	0.000104%	0.0	1	0.000632	8.69e-05	0.000177	3.21e-06	0.000103%
OTU_300	True	koll11	1.15e-06	0.000104%	0.0	1	0.0	0.000137	0.0	2.93e-06	9.38e-05%
OTU_1795	True	koll11	1.14e-06	0.000104%	0.0	1	0.000295	2.15e-05	1.77e-05	3.04e-06	9.73e-05%
L1436	False	ZB2	1.13e-06	0.000103%	0.0	1	0.00231	0.000376	0.000299	2.4e-06	7.68e-05%
OTU_10774	True	OP11-4	1.12e-06	0.000102%	0.0	1	0.000152	0.0	0.0	2.38e-06	7.63e-05%
L1814	False	OD1	1.12e-06	0.000102%	0.0	1	0.00106	8.7e-05	0.000146	2.51e-06	8.03e-05%
L797	False	PBS-25	1.12e-06	0.000102%	0.0	1	0.000599	5.18e-06	4.45e-06	1.29e-06	4.15e-05%
L1398	False	ZB2	1.12e-06	0.000102%	0.0	1	0.00178	0.00225	0.00106	3.32e-05	0.00106%
OTU_4019	True	koll11	1.12e-06	0.000102%	0.0	1	0.0	0.0	0.000131	2.66e-06	8.51e-05%
L151	False	ABY1	1.12e-06	0.000102%	0.0	1	0.000766	0.00032	4.28e-05	4.33e-06	0.000139%
OTU_8644	True	ABY1	1.11e-06	0.000101%	0.0	1	0.000504	0.000222	2.27e-05	3.74e-06	0.00012%
OTU_965	True	PBS-25	1.1e-06	0.0001%	0.0	1	0.0	4.08e-05	0.000147	4.76e-06	0.000152%
OTU_1608	True	koll11	1.1e-06	0.0001%	0.0	1	0.000251	1.06e-05	0.0	2.33e-06	7.48e-05%
OTU_8324	True	ZB2	1.1e-06	0.0001%	0.0	1	0.0	4.14e-06	8.7e-05	2.73e-06	8.74e-05%
OTU_8787	True	ABY1	1.1e-06	0.0001%	0.0	1	7.23e-05	0.000283	3.96e-05	4.7e-06	0.000151%
OTU_266	True	koll11	1.1e-06	0.0001%	0.0	1	0.000342	6.9e-06	2.25e-05	2.37e-06	7.6e-05%
OTU_6989	True	ABY1	1.1e-06	0.0001%	0.0	1	0.0001	6.2e-05	1.53e-05	8.73e-06	0.00028%
OTU_2694	True	SJA-4	1.09e-06	9.94e-05%	0.0	1	0.0	0.0	0.000153	3.32e-06	0.000106%
OTU_10757	True	OP11-4	1.09e-06	9.93e-05%	0.0	1	0.000342	7.25e-05	7.26e-05	3.92e-06	0.000126%
OTU_8150	True	OP11-4	1.09e-06	9.89e-05%	0.0	1	0.00011	0.0	9.17e-06	3.1e-06	9.93e-05%
OTU_6312	True	ZB2	1.08e-06	9.8e-05%	0.0	1	0.0012	0.000172	9.23e-05	2.65e-06	8.47e-05%
OTU_384	True	PBS-25	1.07e-06	9.75e-05%	0.0	1	0.000175	9.67e-05	7.42e-08	4.56e-06	0.000146%
L880	False	koll11	1.07e-06	9.72e-05%	0.0	1	0.0069	0.00143	0.0029	1.92e-06	6.16e-05%
OTU_2628	True	SJA-4	1.06e-06	9.7e-05%	0.0	1	0.0	0.0	0.000161	3.2e-06	0.000103%
L691	False	koll11	1.06e-06	9.68e-05%	0.0	1	0.00281	0.00056	0.00141	3.54e-06	0.000114%
OTU_738	True	koll11	1.06e-06	9.65e-05%	0.0	1	0.000172	6.02e-05	3.6e-06	5.24e-06	0.000168%
L471	False	OP11-4	1.06e-06	9.63e-05%	0.0	1	0.000133	3.05e-06	6.15e-06	2.26e-06	7.23e-05%
L897	False	koll11	1.05e-06	9.54e-05%	0.0	1	0.00186	0.000361	0.0011	4.48e-06	0.000144%
L819	False	PBS-25	1.05e-06	9.53e-05%	0.0	1	0.000498	0.00012	7.42e-08	2.36e-06	7.56e-05%

L25	False	Bacteria	1.05e-06	9.53e-05%	0.0	1	0.992	0.999	1.0	-5.24329645217e-07	-1.67960038543e-05%
OTU_388	True	koll11	1.04e-06	9.52e-05%	0.0	1	0.000314	5.48e-05	0.0	1.94e-06	6.22e-05%
L453	False	OP11-4	1.04e-06	9.48e-05%	0.0	1	0.00113	4.99e-05	0.000759	5.65e-06	0.000181%
L1341	False	ZB2	1.04e-06	9.47e-05%	0.0	1	0.000409	0.000156	1.9e-05	3.73e-06	0.000119%
L559	False	SJA-4	1.04e-06	9.45e-05%	0.0	1	0.002	0.000119	0.000603	3.87e-06	0.000124%
L888	False	koll11	1.04e-06	9.44e-05%	0.0	1	0.000652	0.000216	0.000218	8.7e-06	0.000279%
L1674	False	OD1	1.03e-06	9.42e-05%	0.0	1	0.000362	8.38e-05	0.00039	1.23e-05	0.000393%
OTU_5249	True	OD1	1.03e-06	9.35e-05%	0.0	1	0.000421	0.000101	1.47e-05	2.94e-06	9.41e-05%
L22	False	OD1	1.02e-06	9.29e-05%	0.0	1	0.000259	7.24e-05	1.53e-05	2.95e-06	9.46e-05%
OTU_4056	True	koll11	1.01e-06	9.18e-05%	0.0	1	0.000487	2.66e-05	0.0	2.22e-06	7.11e-05%
OTU_354	True	koll11	1e-06	9.14e-05%	0.0	1	0.000364	0.0	1.66e-06	1.39e-06	4.46e-05%
OTU_827	True	koll11	9.96e-07	9.07e-05%	0.0	1	0.000203	0.0	0.0	2.65e-06	8.48e-05%
L543	False	SJA-4	9.93e-07	9.05e-05%	0.0	1	0.00178	0.0003	0.00219	8.33e-06	0.000267%
L1395	False	ZB2	9.86e-07	8.98e-05%	0.0	1	0.00275	0.000905	0.00112	8.96e-06	0.000287%
OTU_433	True	PBS-25	9.8e-07	8.93e-05%	0.0	1	0.000414	0.000104	0.000101	3.99e-06	0.000128%
OTU_4832	True	ZB2	9.8e-07	8.92e-05%	0.0	1	0.000167	4.07e-06	0.0	1.35e-06	4.32e-05%
OTU_1558	True	PBS-25	9.76e-07	8.89e-05%	0.0	1	0.000138	2.55e-05	0.0	3.13e-06	0.0001%
OTU_5840	True	OD1	9.74e-07	8.87e-05%	0.0	1	0.000198	0.000148	1.01e-05	5.73e-06	0.000184%
L1868	False	OD1	9.67e-07	8.81e-05%	0.0	1	0.00133	0.000146	0.000181	1.87e-06	6e-05%
OTU_6217	True	ZB2	9.64e-07	8.78e-05%	0.0	1	0.0	2.28e-05	0.000188	2.78e-06	8.9e-05%
OTU_9001	True	ABY1	9.58e-07	8.73e-05%	0.0	1	0.000131	4.8e-05	1.75e-05	5.14e-06	0.000165%
OTU_3762	True	SJA-4	9.58e-07	8.73e-05%	0.0	1	0.000215	0.0	0.0	1.77e-06	5.68e-05%
L1366	False	ZB2	9.53e-07	8.68e-05%	0.0	1	1.63e-06	0.00119	0.000341	1.69e-06	5.41e-05%
OTU_365	True	koll11	9.5e-07	8.66e-05%	0.0	1	0.000498	0.0	0.000122	3.43e-06	0.00011%
L780	False	PBS-25	9.48e-07	8.64e-05%	0.0	1	0.000658	3.65e-05	7.42e-08	1.38e-06	4.41e-05%
L1881	False	OD1	9.45e-07	8.61e-05%	0.0	1	0.000226	2.25e-07	0.0	1.46e-06	4.67e-05%
OTU_6180	True	OD1	9.4e-07	8.57e-05%	0.0	1	0.000366	0.000175	3.57e-06	3.31e-06	0.000106%
OTU_8125	True	ABY1	9.37e-07	8.53e-05%	0.0	1	0.000592	0.000328	7.2e-06	2.77e-06	8.88e-05%
OTU_510	True	koll11	9.36e-07	8.53e-05%	0.0	1	0.000393	2.95e-05	2.49e-05	2.12e-06	6.8e-05%
OTU_6988	True	ZB2	9.33e-07	8.5e-05%	0.0	1	0.00175	0.000562	0.000938	9.48e-06	0.000304%
OTU_1444	True	koll11	9.33e-07	8.49e-05%	0.0	1	0.000332	8.13e-06	0.000329	3.76e-06	0.000121%
OTU_6349	True	WCHB1-64	9.27e-07	8.45e-05%	0.0	1	0.000316	6.01e-05	8.13e-05	4.24e-06	0.000136%
OTU_8743	True	OD1	9.19e-07	8.37e-05%	0.0	1	0.000241	0.0	0.0	1.7e-06	5.46e-05%
OTU_9710	True	ABY1	9.14e-07	8.33e-05%	0.0	1	0.000394	0.000134	6.12e-05	4.37e-06	0.00014%
OTU_3117	True	koll11	9.11e-07	8.29e-05%	0.0	1	0.000305	8.32e-05	0.000176	9.27e-06	0.000297%
OTU_10854	True	OP11-4	9.1e-07	8.29e-05%	0.0	1	0.000179	0.0	0.0	2.2e-06	7.05e-05%
L1138	False	koll11	9.07e-07	8.27e-05%	0.0	1	0.000464	7.12e-06	2.25e-05	1.45e-06	4.64e-05%
L1494	False	ZB2	9.07e-07	8.26e-05%	0.0	1	0.000641	0.000137	2.15e-05	1.7e-06	5.44e-05%
OTU_7216	True	ZB2	9.06e-07	8.25e-05%	0.0	1	0.00024	0.0	0.0	1.69e-06	5.42e-05%
OTU_8246	True	OD1	8.99e-07	8.19e-05%	0.0	1	0.0024	0.000179	9.29e-05	1.18e-06	3.79e-05%
OTU_353	True	koll11	8.96e-07	8.16e-05%	0.0	1	0.000579	0.000144	0.000248	7.33e-06	0.000235%
OTU_2636	True	koll11	8.95e-07	8.16e-05%	0.0	1	0.000105	0.0	4.74e-05	3.44e-06	0.00011%
OTU_8112	True	ABY1	8.87e-07	8.08e-05%	0.0	1	0.00209	0.000889	0.000121	1.88e-06	6.01e-05%
OTU_152	True	ZB2	8.83e-07	8.04e-05%	0.0	1	0.000223	7.22e-06	6.95e-05	3.67e-06	0.000117%
L1418	False	ZB2	8.83e-07	8.04e-05%	0.0	1	0.000539	2.69e-05	0.000877	5.25e-06	0.000168%
OTU_339	True	koll11	8.81e-07	8.02e-05%	0.0	1	0.000692	9.41e-05	3.61e-05	3.68e-06	0.000118%
L1217	False	koll11	8.79e-07	8.01e-05%	0.0	1	0.000181	3.39e-05	0.000469	7.83e-06	0.000251%
OTU_5241	True	Mb-NB09	8.79e-07	8e-05%	0.0	1	0.0	0.000109	0.0	2.25e-06	7.21e-05%
L446	False	OP11-4	8.74e-07	7.96e-05%	0.0	1	0.000217	2.07e-05	0.000134	4.27e-06	0.000137%
L883	False	koll11	8.73e-07	7.95e-05%	0.0	1	0.00385	0.000732	0.000748	1.76e-06	5.65e-05%
L629	False	PBS-25	8.72e-07	7.94e-05%	0.0	1	0.00229	0.000111	9.04e-05	1.91e-06	6.13e-05%
L870	False	koll11	8.6e-07	7.84e-05%	0.0	1	0.000381	4.01e-05	1.57e-05	1.85e-06	5.92e-05%
L1590	False	OD1	8.58e-07	7.81e-05%	0.0	1	0.0117	0.00919	0.00796	1.59e-05	0.00051%
L903	False	koll11	8.51e-07	7.75e-05%	0.0	1	0.000919	0.000293	0.000736	8.74e-06	0.00028%
L749	False	PBS-25	8.5e-07	7.74e-05%	0.0	1	0.000585	7.28e-05	0.0	2.03e-06	6.49e-05%
L1255	False	TM7-1	8.47e-07	7.71e-05%	0.0	1	0.000134	0.0	0.0	2.05e-06	6.57e-05%
OTU_6575	True	ZB2	8.46e-07	7.71e-05%	0.0	1	0.00027	2.61e-05	5.44e-05	1.81e-06	5.79e-05%
L1475	False	ZB2	8.44e-07	7.69e-05%	0.0	1	0.000787	0.000628	0.000412	2.73e-05	0.000876%
OTU_16	True	ZB2	8.44e-07	7.69e-05%	0.0	1	5.97e-05	0.0	0.0	1.43e-06	4.59e-05%
OTU_6533	True	OD1	8.42e-07	7.67e-05%	0.0	1	0.0	0.000495	0.000773	3.56e-06	0.000114%
L1224	False	koll11	8.41e-07	7.66e-05%	0.0	1	0.000461	0.000197	0.000547	1.5e-05	0.000481%
L401	False	ABY1	8.38e-07	7.64e-05%	0.0	1	0.00805	0.00243	0.00106	2e-06	6.42e-05%
OTU_1456	True	kpj58rc	8.37e-07	7.63e-05%	0.0	1	9.58e-05	6.28e-06	0.0	1.85e-06	5.92e-05%
OTU_8761	True	OD1	8.36e-07	7.62e-05%	0.0	1	0.00015	2.93e-05	6.68e-07	2.01e-06	6.43e-05%

OTU_10753	True	OP11-3	8.35e-07	7.61e-05%	0.0	1	0.000188	7.81e-05	7.16e-05	1.14e-05	0.000365%
OTU_7937	True	ABY1	8.33e-07	7.59e-05%	0.0	1	0.000584	0.0	0.0	1.61e-06	5.15e-05%
L865	False	koll11	8.3e-07	7.56e-05%	0.0	1	0.000695	6.24e-05	0.000182	2.03e-06	6.49e-05%
OTU_10851	True	OP11-4	8.3e-07	7.56e-05%	0.0	1	0.000133	2.25e-07	0.0	1.38e-06	4.42e-05%
OTU_619	True	koll11	8.28e-07	7.54e-05%	0.0	1	0.000195	1.71e-05	0.0	1.88e-06	6.01e-05%
OTU_6585	True	ZB2	8.22e-07	7.49e-05%	0.0	1	0.000178	5.77e-05	0.000151	1.29e-05	0.000413%
L1066	False	koll11	8.2e-07	7.47e-05%	0.0	1	0.00153	5.52e-05	0.0002	1.72e-06	5.53e-05%
L1254	False	TM7-1	8.19e-07	7.46e-05%	0.0	1	0.000358	3.22e-06	3.68e-05	1.61e-06	5.17e-05%
OTU_4507	True	koll11	8.19e-07	7.46e-05%	0.0	1	0.00011	2.2e-06	0.0	1.9e-06	6.09e-05%
OTU_6160	True	ZB2	8.1e-07	7.38e-05%	0.0	1	4.05e-05	0.000773	0.000683	2.27e-06	7.26e-05%
L1907	False	OD1	8.06e-07	7.34e-05%	0.0	1	0.000881	5.34e-05	7.6e-06	1.1e-06	3.53e-05%
OTU_6190	True	ZB2	7.98e-07	7.27e-05%	0.0	1	0.000388	0.000287	2.84e-05	4.61e-06	0.000148%
L316	False	ABY1	7.95e-07	7.24e-05%	0.0	1	0.000188	0.000665	0.000271	1.09e-05	0.00035%
OTU_7173	True	OD1	7.91e-07	7.21e-05%	0.0	1	0.000128	3.21e-06	3.67e-06	1.59e-06	5.1e-05%
OTU_588	True	koll11	7.9e-07	7.2e-05%	0.0	1	7.71e-05	1.03e-05	0.0	1.88e-06	6.03e-05%
L18	False	OD1	7.88e-07	7.18e-05%	0.0	1	0.000315	4.16e-05	6.93e-06	1.38e-06	4.42e-05%
OTU_3345	True	PBS-25	7.86e-07	7.16e-05%	0.0	1	0.000204	0.0	2.99e-07	1.45e-06	4.66e-05%
L560	False	SJA-4	7.84e-07	7.15e-05%	0.0	1	0.000462	0.000119	2.18e-05	1.99e-06	6.39e-05%
L1205	False	koll11	7.81e-07	7.12e-05%	0.0	1	0.000168	1.26e-05	8.48e-05	2.33e-06	7.46e-05%
OTU_421	True	koll11	7.78e-07	7.09e-05%	0.0	1	0.00068	2.06e-05	6.05e-06	9.13e-07	2.93e-05%
OTU_129	True	OD1	7.69e-07	7.01e-05%	0.0	1	9.49e-06	8.42e-05	4.39e-05	1.03e-05	0.000331%
OTU_602	True	koll11	7.67e-07	6.99e-05%	0.0	1	0.00023	9.68e-05	2.5e-05	4.33e-06	0.000139%
OTU_8390	True	ABY1	7.67e-07	6.99e-05%	0.0	1	0.000431	2.83e-05	5.3e-06	1.95e-06	6.25e-05%
OTU_5626	True	OD1	7.63e-07	6.95e-05%	0.0	1	0.00012	0.0	0.0	1.4e-06	4.47e-05%
OTU_1428	True	GIF10	7.6e-07	6.93e-05%	0.0	1	0.000104	5.84e-06	1.83e-05	2.71e-06	8.69e-05%
L1233	False	TM7	7.59e-07	6.92e-05%	0.0	1	0.0118	0.0122	0.0104	0.000256	0.00819%
OTU_2664	True	koll11	7.56e-07	6.88e-05%	0.0	1	0.000108	2.32e-05	3.57e-06	2.67e-06	8.56e-05%
OTU_282	True	koll11	7.55e-07	6.88e-05%	0.0	1	0.000108	7.12e-06	3.8e-06	1.61e-06	5.14e-05%
OTU_1061	True	PBS-25	7.55e-07	6.87e-05%	0.0	1	9.77e-05	2.87e-05	0.0	3.62e-06	0.000116%
OTU_9434	True	ABY1	7.54e-07	6.87e-05%	0.0	1	0.00011	0.0	0.0	1.16e-06	3.72e-05%
L3	False	Bacteria	7.53e-07	6.86e-05%	0.0	1	0.997	1.0	1.0	-9.57466410978e-08	-3.06707997076e-06%
OTU_9703	True	Mb-NB09	7.48e-07	6.82e-05%	0.0	1	0.000148	0.0	0.0	1.78e-06	5.72e-05%
L545	False	SJA-4	7.46e-07	6.79e-05%	0.0	1	0.00044	0.00023	0.00198	3.78e-06	0.000121%
OTU_6574	True	ZB2	7.44e-07	6.78e-05%	0.0	1	0.00037	7.58e-05	2.15e-05	1.79e-06	5.72e-05%
OTU_8350	True	ABY1	7.37e-07	6.71e-05%	0.0	1	0.000102	0.0	0.0	1.2e-06	3.85e-05%
L567	False	SJA-4	7.34e-07	6.68e-05%	0.0	1	0.000851	4.42e-07	0.000581	3.7e-06	0.000119%
L21	False	Bacteria	7.32e-07	6.67e-05%	0.0	1	0.993	0.999	1.0	-3.71512318974e-07	-1.1900762046e-05%
OTU_1550	True	PRR-12	7.3e-07	6.65e-05%	0.0	1	0.000213	2.06e-05	0.0	1.71e-06	5.48e-05%
OTU_10816	True	OP11-4	7.3e-07	6.65e-05%	0.0	1	0.00018	0.000103	5.43e-06	3.59e-06	0.000115%
OTU_211	True	koll11	7.23e-07	6.59e-05%	0.0	1	6.15e-05	9.65e-05	0.0	5.08e-06	0.000163%
OTU_4039	True	koll11	7.16e-07	6.52e-05%	0.0	1	0.000127	5.51e-05	0.0	3.2e-06	0.000102%
OTU_6076	True	SM2F11	7.14e-07	6.51e-05%	0.0	1	9.84e-05	1.62e-05	0.0	2.02e-06	6.46e-05%
L675	False	koll11	7.1e-07	6.47e-05%	0.0	1	0.00202	0.000399	0.000909	3.61e-06	0.000116%
OTU_8156	True	OP11-4	7.09e-07	6.46e-05%	0.0	1	3.71e-05	3.85e-06	1.58e-05	3.83e-06	0.000123%
OTU_5599	True	OD1	7.07e-07	6.44e-05%	0.0	1	6.12e-05	0.000119	7.18e-06	5.01e-06	0.00016%
OTU_4071	True	koll11	7.01e-07	6.39e-05%	0.0	1	0.000398	2.4e-05	1.41e-05	1.39e-06	4.47e-05%
OTU_8732	True	ABY1	6.96e-07	6.34e-05%	0.0	1	0.000251	1.61e-05	9.53e-06	1.05e-06	3.35e-05%
OTU_7016	True	ZB2	6.95e-07	6.33e-05%	0.0	1	0.0	0.000136	2.78e-05	2.02e-06	6.46e-05%
L591	False	PRR-12	6.91e-07	6.29e-05%	0.0	1	0.00204	0.000192	0.000216	9.99e-07	3.2e-05%
OTU_4177	True	koll11	6.91e-07	6.29e-05%	0.0	1	0.000197	2.11e-05	2.86e-05	2.62e-06	8.4e-05%
L1216	False	koll11	6.85e-07	6.24e-05%	0.0	1	0.000844	0.000182	0.000539	6.08e-06	0.000195%
L265	False	ABY1	6.83e-07	6.22e-05%	0.0	1	0.00264	0.00191	0.00125	1.36e-05	0.000436%
L650	False	koll11	6.79e-07	6.18e-05%	0.0	1	0.000464	4.99e-05	4.5e-05	2.03e-06	6.5e-05%
L1625	False	OD1	6.76e-07	6.16e-05%	0.0	1	0.000243	3.78e-05	5.48e-05	2.68e-06	8.57e-05%
OTU_19	True	ZB2	6.75e-07	6.14e-05%	0.0	1	0.000149	9.68e-06	2.29e-05	2.12e-06	6.78e-05%
OTU_1538	True	PBS-25	6.7e-07	6.11e-05%	0.0	1	0.000155	7.28e-05	0.0	3.19e-06	0.000102%
OTU_6199	True	ZB2	6.64e-07	6.05e-05%	0.0	1	0.000379	0.0	0.0	1.35e-06	4.33e-05%
OTU_8181	True	OP11-4	6.59e-07	6.01e-05%	0.0	1	0.000123	6.88e-06	4.42e-06	1.01e-06	3.24e-05%
OTU_8065	True	ABY1	6.59e-07	6e-05%	0.0	1	3.68e-06	2.83e-05	0.0	2.64e-06	8.47e-05%
L44	False	OD1	6.56e-07	5.97e-05%	0.0	1	0.113	0.152	0.0937	9.18e-06	0.000294%
OTU_5311	True	OD1	6.52e-07	5.94e-05%	0.0	1	0.000302	5.81e-05	2.57e-05	1.86e-06	5.97e-05%
OTU_2434	True	SBRH58	6.51e-07	5.93e-05%	0.0	1	0.0	2.49e-05	0.0	1.63e-06	5.22e-05%
OTU_4986	True	ZB2	6.49e-07	5.91e-05%	0.0	1	0.000384	2.73e-05	7.3e-05	1.95e-06	6.24e-05%

L179	False	SM2F11	6.48e-07	5.9e-05%	0.0	1	0.000339	4.29e-05	3.03e-05	1.37e-06	4.4e-05%
OTU_8811	True	TM7-1	6.43e-07	5.86e-05%	0.0	1	0.000145	5.69e-05	0.000141	1.05e-05	0.000335%
OTU_8045	True	OD1	6.36e-07	5.79e-05%	0.0	1	0.000762	0.000285	0.000189	3.35e-06	0.000107%
OTU_2442	True	koll11	6.35e-07	5.79e-05%	0.0	1	0.000123	1.91e-05	0.0	2.34e-06	7.5e-05%
OTU_1067	True	koll11	6.3e-07	5.74e-05%	0.0	1	0.000292	6.24e-05	0.000168	5.13e-06	0.000164%
OTU_10815	True	OP11-4	6.25e-07	5.7e-05%	0.0	1	0.0	0.0	4.93e-05	1.91e-06	6.11e-05%
OTU_912	True	BD4-9	6.18e-07	5.63e-05%	0.0	1	0.000339	0.0	0.0	1.16e-06	3.7e-05%
L1226	False	koll11	6.17e-07	5.62e-05%	0.0	1	0.000234	0.000158	0.000547	8.84e-06	0.000283%
OTU_7089	True	ABY1	6.09e-07	5.55e-05%	0.0	1	0.000106	1.48e-05	8.98e-07	1.64e-06	5.27e-05%
OTU_8638	True	ABY1	6.07e-07	5.53e-05%	0.0	1	0.000174	0.0	0.0	1.13e-06	3.63e-05%
OTU_402	True	PBS-25	6.03e-07	5.49e-05%	0.0	1	0.0	0.0	0.000222	1.42e-06	4.54e-05%
L671	False	koll11	5.94e-07	5.41e-05%	0.0	1	0.000362	3.53e-05	2.86e-05	1.47e-06	4.71e-05%
OTU_7976	True	ABY1	5.91e-07	5.38e-05%	0.0	1	2.65e-05	0.000178	3.12e-05	4.09e-06	0.000131%
OTU_5076	True	ZB2	5.83e-07	5.31e-05%	0.0	1	0.000249	5.96e-05	0.000104	3.34e-06	0.000107%
L885	False	koll11	5.83e-07	5.31e-05%	0.0	1	0.00211	0.000556	0.000324	1.41e-06	4.53e-05%
OTU_6316	True	ZB2	5.8e-07	5.28e-05%	0.0	1	0.000539	2.69e-05	3.65e-05	1e-06	3.21e-05%
OTU_4334	True	koll11	5.78e-07	5.27e-05%	0.0	1	0.00123	0.000293	0.000568	3.18e-06	0.000102%
L1053	False	koll11	5.75e-07	5.24e-05%	0.0	1	0.00514	0.000513	0.000812	7.21e-07	2.31e-05%
OTU_456	True	koll11	5.72e-07	5.21e-05%	0.0	1	0.000273	4.33e-05	3.98e-05	1.75e-06	5.61e-05%
OTU_4770	True	GIF10	5.71e-07	5.2e-05%	0.0	1	0.000317	8.83e-05	0.000209	7.04e-06	0.000225%
L1274	False	TM7	5.71e-07	5.2e-05%	0.0	1	0.000101	6.43e-07	2.07e-05	1.52e-06	4.86e-05%
L1081	False	koll11	5.61e-07	5.11e-05%	0.0	1	0.000424	6.19e-05	4.2e-05	1.78e-06	5.71e-05%
L541	False	SJA-4	5.61e-07	5.11e-05%	0.0	1	0.00182	0.000324	0.0022	4.73e-06	0.000152%
OTU_10860	True	OP11	5.6e-07	5.1e-05%	0.0	1	0.000317	4.05e-05	1.05e-05	1e-06	3.21e-05%
L290	False	ABY1	5.58e-07	5.08e-05%	0.0	1	8.23e-05	0.0	1.7e-05	1.65e-06	5.27e-05%
OTU_1982	True	koll11	5.53e-07	5.04e-05%	0.0	1	0.000152	5.4e-05	1.8e-05	3.09e-06	9.9e-05%
OTU_5818	True	OD1	5.53e-07	5.03e-05%	0.0	1	0.00169	0.000109	0.00049	1.11e-06	3.54e-05%
L901	False	koll11	5.51e-07	5.02e-05%	0.0	1	0.00125	0.000301	0.00107	3.25e-06	0.000104%
OTU_6059	True	ABY1	5.48e-07	4.99e-05%	0.0	1	0.0	4.27e-05	7.9e-06	3.03e-06	9.71e-05%
OTU_305	True	PBS-25	5.42e-07	4.94e-05%	0.0	1	0.000194	1.04e-05	0.000347	2.75e-06	8.82e-05%
OTU_4272	True	koll11	5.38e-07	4.9e-05%	0.0	1	0.00046	0.000183	2.4e-05	2.17e-06	6.95e-05%
OTU_9183	True	ABY1	5.34e-07	4.87e-05%	0.0	1	0.000391	8.44e-05	3.12e-05	1.94e-06	6.21e-05%
OTU_1725	True	koll11	5.24e-07	4.77e-05%	0.0	1	4.99e-05	0.0	0.0	1.15e-06	3.67e-05%
OTU_6645	True	ZB2	5.2e-07	4.73e-05%	0.0	1	0.000183	2.92e-05	4.64e-05	2.1e-06	6.73e-05%
OTU_880	True	koll11	5.05e-07	4.6e-05%	0.0	1	8.47e-05	0.0	0.0	1.3e-06	4.16e-05%
OTU_7954	True	OD1	4.84e-07	4.41e-05%	0.0	1	0.000733	0.000116	5.95e-05	1.53e-06	4.89e-05%
L1252	False	TM7-1	4.82e-07	4.39e-05%	0.0	1	0.000702	9.18e-05	5.98e-05	1.08e-06	3.45e-05%
OTU_603	True	koll11	4.78e-07	4.36e-05%	0.0	1	0.00011	5.17e-06	0.0	1.13e-06	3.62e-05%
OTU_5955	True	OD1	4.78e-07	4.35e-05%	0.0	1	0.000141	4.78e-05	1.31e-05	2.22e-06	7.1e-05%
L1154	False	koll11	4.74e-07	4.32e-05%	0.0	1	0.00288	0.000648	0.00211	3.53e-06	0.000113%
OTU_3798	True	PBS-25	4.72e-07	4.3e-05%	0.0	1	0.000126	0.0	0.0	1.02e-06	3.27e-05%
OTU_718	True	PBS-25	4.7e-07	4.28e-05%	0.0	1	0.000578	0.000137	3.47e-05	1.25e-06	4.01e-05%
L517	False	OP11-3	4.66e-07	4.25e-05%	0.0	1	0.000188	7.81e-05	7.16e-05	6.36e-06	0.000204%
OTU_5444	True	OD1	4.64e-07	4.23e-05%	0.0	1	7.19e-05	2.42e-05	2.9e-06	2.02e-06	6.46e-05%
L637	False	PBS-25	4.58e-07	4.17e-05%	0.0	1	0.000254	1.53e-05	5.22e-06	1.16e-06	3.71e-05%
L1755	False	OD1	4.55e-07	4.15e-05%	0.0	1	0.000542	0.000495	0.00104	1.33e-05	0.000425%
L755	False	PBS-25	4.51e-07	4.11e-05%	0.0	1	0.00139	0.000149	9.12e-05	9.57e-07	3.07e-05%
OTU_9132	True	TM7	4.46e-07	4.06e-05%	0.0	1	3.1e-05	0.0	0.0	8.95e-07	2.87e-05%
L891	False	koll11	4.44e-07	4.04e-05%	0.0	1	0.000433	0.000127	0.0	1.41e-06	4.51e-05%
OTU_7964	True	ABY1	4.43e-07	4.03e-05%	0.0	1	8.82e-05	0.0	0.0	1.03e-06	3.31e-05%
L1477	False	ZB2	4.41e-07	4.01e-05%	0.0	1	0.000787	0.000492	0.000384	1.06e-05	0.000341%
OTU_875	True	koll11	4.37e-07	3.98e-05%	0.0	1	0.000122	2.25e-07	0.0	8.82e-07	2.82e-05%
OTU_4170	True	koll11	4.35e-07	3.96e-05%	0.0	1	3.05e-05	0.0	0.0	8.71e-07	2.79e-05%
OTU_1058	True	koll11	4.35e-07	3.96e-05%	0.0	1	0.000624	0.000271	0.000719	7.26e-06	0.000233%
OTU_8179	True	EW055	4.34e-07	3.95e-05%	0.0	1	0.000398	0.0	0.0	9.29e-07	2.98e-05%
L36	False	ABY1	4.32e-07	3.94e-05%	0.0	1	0.000351	1.93e-05	7.42e-08	6.2e-07	1.99e-05%
OTU_6006	True	OD1	4.24e-07	3.86e-05%	0.0	1	2.14e-05	0.0	0.0	8.45e-07	2.71e-05%
OTU_10759	True	OP11-4	4.23e-07	3.86e-05%	0.0	1	0.000492	0.000118	1.94e-05	7.57e-07	2.42e-05%
L288	False	ABY1	4.2e-07	3.82e-05%	0.0	1	0.000334	1.57e-05	1.7e-05	8.15e-07	2.61e-05%
L221	False	ABY1	4.17e-07	3.8e-05%	0.0	1	0.00124	0.0022	0.00146	4.66e-05	0.00149%
OTU_9588	True	ABY1	4.16e-07	3.79e-05%	0.0	1	7.25e-05	0.0	1.7e-05	1.45e-06	4.64e-05%
OTU_6019	True	ABY1	4.15e-07	3.78e-05%	0.0	1	0.000117	3.97e-05	4.61e-05	4.33e-06	0.000139%
OTU_675	True	PBS-25	4.15e-07	3.78e-05%	0.0	1	0.000621	5.04e-05	7.59e-05	8.96e-07	2.87e-05%
OTU_287	True	koll11	4.12e-07	3.76e-05%	0.0	1	0.000272	5.18e-05	1.6e-05	1.15e-06	3.69e-05%

OTU_1319	True	koll11	4.04e-07	3.68e-05%	0.0	1	0.000217	3.28e-05	3.43e-05	1.68e-06	5.39e-05%
OTU_9084	True	TM7-1	4.04e-07	3.68e-05%	0.0	1	7.01e-05	6.43e-07	2.07e-05	1.54e-06	4.95e-05%
OTU_5953	True	OD1	4.02e-07	3.66e-05%	0.0	1	0.000418	0.0	9.24e-05	9.66e-07	3.09e-05%
OTU_277	True	koll11	3.95e-07	3.6e-05%	0.0	1	0.000364	3.25e-06	0.000121	9.25e-07	2.96e-05%
OTU_4088	True	koll11	3.95e-07	3.59e-05%	0.0	1	0.000201	4.99e-05	4.5e-05	2.74e-06	8.79e-05%
L1489	False	ZB2	3.91e-07	3.56e-05%	0.0	1	0.00044	6.5e-05	0.000116	1.19e-06	3.8e-05%
OTU_424	True	PBS-25	3.9e-07	3.56e-05%	0.0	1	0.000136	0.000204	1.48e-07	2.06e-06	6.58e-05%
L27	False	Bacteria	3.85e-07	3.51e-05%	0.0	1	0.991	0.999	1.0	-2.8633961136e-07	-9.17239995855e-06%
OTU_6157	True	ZB2	3.83e-07	3.49e-05%	0.0	1	0.000369	9.9e-05	0.000107	1.88e-06	6.03e-05%
OTU_6099	True	OD1	3.81e-07	3.47e-05%	0.0	1	0.000265	3.34e-05	5.7e-06	1.37e-06	4.39e-05%
OTU_397	True	koll11	3.79e-07	3.46e-05%	0.0	1	0.000227	0.000163	3.43e-05	3.07e-06	9.83e-05%
L617	False	BD4-9	3.67e-07	3.34e-05%	0.0	1	0.000119	1.39e-05	0.0	9.42e-07	3.02e-05%
OTU_3150	True	TM6	3.65e-07	3.32e-05%	0.0	1	0.000189	3.94e-05	3.98e-06	1.05e-06	3.37e-05%
OTU_6251	True	ZB2	3.57e-07	3.25e-05%	0.0	1	0.000201	4.55e-05	3.16e-05	1.74e-06	5.56e-05%
OTU_8669	True	EW055	3.54e-07	3.23e-05%	0.0	1	0.000152	0.0	6.28e-05	1.57e-06	5.03e-05%
OTU_7113	True	ABY1	3.47e-07	3.16e-05%	0.0	1	3.77e-05	3.46e-05	0.0	1.06e-06	3.4e-05%
OTU_7939	True	OD1	3.47e-07	3.16e-05%	0.0	1	8.07e-05	2.74e-05	6.75e-06	1.49e-06	4.77e-05%
OTU_5435	True	OD1	3.47e-07	3.16e-05%	0.0	1	0.000205	0.000154	5.12e-05	4.36e-06	0.00014%
L11	False	Bacteria	3.46e-07	3.15e-05%	0.0	1	0.994	0.999	1.0	-7.75927753182e-08	-2.48555191415e-06%
OTU_5883	True	OD1	3.4e-07	3.1e-05%	0.0	1	0.000135	1.04e-06	1.96e-05	8.76e-07	2.81e-05%
L804	False	PBS-25	3.38e-07	3.08e-05%	0.0	1	1.66e-05	2.25e-07	0.000366	9.72e-07	3.11e-05%
OTU_2708	True	koll11	3.34e-07	3.04e-05%	0.0	1	0.000318	8.57e-05	9.3e-05	2.11e-06	6.77e-05%
L570	False	SJA-4	3.34e-07	3.04e-05%	0.0	1	0.000167	1.47e-05	0.000161	3.06e-06	9.81e-05%
OTU_528	True	koll11	3.33e-07	3.03e-05%	0.0	1	0.000113	1.59e-05	2.36e-05	1.6e-06	5.13e-05%
OTU_6066	True	OD1	3.3e-07	3.01e-05%	0.0	1	2.2e-05	0.000136	2.01e-05	2.76e-06	8.85e-05%
OTU_4179	True	koll11	3.3e-07	3.01e-05%	0.0	1	0.00087	5.93e-05	0.000374	1.36e-06	4.35e-05%
OTU_9719	True	Mb-NB09	3.29e-07	3e-05%	0.0	1	0.000102	0.0	7.5e-06	1.08e-06	3.46e-05%
OTU_6920	True	OD1	3.29e-07	2.99e-05%	0.0	1	0.000128	0.0	0.0	5.99e-07	1.92e-05%
OTU_1096	True	koll11	3.28e-07	2.99e-05%	0.0	1	0.000126	1.16e-05	2.58e-05	7.54e-07	2.41e-05%
OTU_928	True	koll11	3.25e-07	2.96e-05%	0.0	1	0.0	0.000117	0.0	1.05e-06	3.36e-05%
OTU_8795	True	Mb-NB09	3.21e-07	2.92e-05%	0.0	1	0.000184	5.77e-05	0.000165	3.26e-06	0.000104%
OTU_8641	True	ABY1	3.12e-07	2.84e-05%	0.0	1	0.000105	0.0	0.0	6.39e-07	2.05e-05%
OTU_8162	True	ABY1	3.04e-07	2.77e-05%	0.0	1	0.0	2.25e-07	2.47e-05	7.3e-07	2.34e-05%
OTU_468	True	koll11	3.01e-07	2.74e-05%	0.0	1	5.52e-05	3.5e-05	1.18e-05	3.39e-06	0.000109%
OTU_7852	True	ZB2	3.01e-07	2.74e-05%	0.0	1	5.52e-05	0.0	0.0	8.08e-07	2.59e-05%
L219	False	ABY1	3.01e-07	2.74e-05%	0.0	1	0.00167	0.00223	0.00149	5.92e-05	0.0019%
OTU_485	True	koll11	2.96e-07	2.7e-05%	0.0	1	0.000141	0.0	9.92e-07	5.6e-07	1.79e-05%
OTU_9063	True	Mb-NB09	2.93e-07	2.67e-05%	0.0	1	0.000269	7.65e-06	0.0	4.79e-07	1.54e-05%
OTU_2288	True	PBS-25	2.9e-07	2.64e-05%	0.0	1	5.75e-05	1.3e-05	0.0	8.56e-07	2.74e-05%
L1156	False	koll11	2.87e-07	2.61e-05%	0.0	1	0.00278	0.000611	0.00211	2.2e-06	7.05e-05%
OTU_8023	True	ABY1	2.83e-07	2.58e-05%	0.0	1	1.31e-05	3.17e-05	0.0	1.78e-06	5.71e-05%
L869	False	koll11	2.81e-07	2.56e-05%	0.0	1	0.000863	4.52e-05	1.57e-05	4.15e-07	1.33e-05%
L1211	False	GIF10	2.78e-07	2.54e-05%	0.0	1	0.0002	1.21e-05	1.83e-05	6.37e-07	2.04e-05%
OTU_5486	True	OD1	2.76e-07	2.52e-05%	0.0	1	0.000165	0.0	0.0	5.63e-07	1.8e-05%
L515	False	OP11-3	2.65e-07	2.41e-05%	0.0	1	0.000195	8.71e-05	7.23e-05	3.55e-06	0.000114%
OTU_6642	True	ZB2	2.64e-07	2.41e-05%	0.0	1	0.000197	1.71e-05	0.0	5.56e-07	1.78e-05%
OTU_427	True	koll11	2.6e-07	2.37e-05%	0.0	1	9.66e-05	3.7e-05	0.0	1.05e-06	3.35e-05%
L679	False	koll11	2.6e-07	2.37e-05%	0.0	1	0.000824	0.000146	0.000842	2.23e-06	7.15e-05%
OTU_1496	True	koll11	2.58e-07	2.35e-05%	0.0	1	3.65e-05	8.83e-05	0.0	1.24e-06	3.97e-05%
L1030	False	koll11	2.48e-07	2.26e-05%	0.0	1	0.00105	0.000158	0.000976	1.75e-06	5.6e-05%
OTU_8328	True	OD1	2.48e-07	2.26e-05%	0.0	1	0.000134	3.11e-05	6.86e-05	2.05e-06	6.55e-05%
OTU_5270	True	OD1	2.44e-07	2.22e-05%	0.0	1	0.000142	2.63e-05	1.72e-05	1.31e-06	4.19e-05%
OTU_6085	True	ZB2	2.4e-07	2.18e-05%	0.0	1	0.000188	0.0	4e-06	5.16e-07	1.65e-05%
OTU_3602	True	PBS-25	2.33e-07	2.12e-05%	0.0	1	0.000111	1.31e-05	3.53e-05	7.32e-07	2.35e-05%
OTU_1514	True	koll11	2.3e-07	2.1e-05%	0.0	1	9.16e-05	2.49e-05	0.0	8.15e-07	2.61e-05%
OTU_6516	True	OD1	2.26e-07	2.06e-05%	0.0	1	8.44e-05	4.78e-05	1.68e-05	2.46e-06	7.87e-05%
L448	False	OP11-4	2.24e-07	2.04e-05%	0.0	1	0.000133	7.96e-06	0.000113	1.14e-06	3.65e-05%
OTU_1439	True	koll11	2.19e-07	1.99e-05%	0.0	1	0.000121	3.6e-05	0.0	7.45e-07	2.39e-05%
OTU_9194	True	ABY1	2.17e-07	1.98e-05%	0.0	1	6.26e-05	0.0	1.9e-05	8.12e-07	2.6e-05%
OTU_2845	True	PBS-25	2.14e-07	1.95e-05%	0.0	1	0.000426	0.000232	0.000135	1.99e-06	6.38e-05%
OTU_3297	True	PBS-25	2.13e-07	1.94e-05%	0.0	1	0.000388	0.000113	0.00028	1.54e-06	4.94e-05%
OTU_8041	True	TM7-3	2.09e-07	1.9e-05%	0.0	1	6.68e-05	0.0	0.0	4.77e-07	1.53e-05%
OTU_1626	True	PBS-25	2.06e-07	1.87e-05%	0.0	1	0.000229	0.0	0.0	3.45e-07	1.1e-05%

L668	False	koll11	2.04e-07	1.86e-05%	0.0	1	0.000243	5.27e-05	0.000162	1.65e-06	5.28e-05%
OTU_7059	True	ZB2	2.02e-07	1.84e-05%	0.0	1	7.22e-05	0.000151	6.94e-06	1.05e-06	3.36e-05%
OTU_2801	True	PBS-25	2e-07	1.82e-05%	0.0	1	1.6e-05	3.87e-05	7.42e-08	1.17e-06	3.75e-05%
OTU_1305	True	TM6	1.97e-07	1.79e-05%	0.0	1	2.12e-06	8.05e-05	0.000167	8.46e-07	2.71e-05%
L1439	False	ZB2	1.94e-07	1.76e-05%	0.0	1	0.000353	0.000102	0.000118	1.37e-06	4.37e-05%
OTU_2611	True	SJA-4	1.9e-07	1.73e-05%	0.0	1	7.43e-05	0.000119	2.99e-07	8.1e-07	2.6e-05%
L217	False	ABY1	1.89e-07	1.73e-05%	0.0	1	0.00183	0.00227	0.00149	2.52e-05	0.000806%
L1640	False	ZB2	1.87e-07	1.71e-05%	0.0	1	7.3e-06	0.0	1.48e-07	5.06e-07	1.62e-05%
OTU_8089	True	ABY1	1.86e-07	1.7e-05%	0.0	1	0.0	5.01e-05	6.65e-05	1.17e-06	3.76e-05%
OTU_136	True	OD1	1.84e-07	1.67e-05%	0.0	1	4.41e-05	3.67e-05	0.0	9.17e-07	2.94e-05%
OTU_643	True	koll11	1.81e-07	1.65e-05%	0.0	1	0.00028	0.000237	2.07e-05	1.1e-06	3.52e-05%
OTU_10804	True	OP11-4	1.81e-07	1.65e-05%	0.0	1	0.000387	1.28e-05	0.000102	5.04e-07	1.61e-05%
L531	False	TM6	1.72e-07	1.57e-05%	0.0	1	0.000191	0.00012	0.000171	7.72e-06	0.000247%
OTU_8167	True	ZB2	1.72e-07	1.57e-05%	0.0	1	0.000164	3.65e-05	0.000225	1.38e-06	4.41e-05%
OTU_6580	True	ZB2	1.7e-07	1.55e-05%	0.0	1	2.1e-05	7.22e-05	0.000102	3.34e-06	0.000107%
OTU_878	True	koll11	1.65e-07	1.51e-05%	0.0	1	0.000104	8e-06	1.64e-05	6.01e-07	1.92e-05%
L965	False	koll11	1.58e-07	1.44e-05%	0.0	1	0.000607	0.000328	9.89e-05	9.81e-07	3.14e-05%
OTU_10738	True	OP11-3	1.56e-07	1.42e-05%	0.003	0	7.2e-06	8.98e-06	6.73e-07	1.42e-06	4.54e-05%
OTU_7092	True	OD1	1.53e-07	1.39e-05%	0.0	1	3.94e-05	4.44e-05	1.05e-05	2.28e-06	7.29e-05%
OTU_1331	True	koll11	1.43e-07	1.3e-05%	0.0	1	4.22e-05	1.02e-06	5.9e-05	6.23e-07	2e-05%
OTU_5359	True	Mb-NB09	1.42e-07	1.29e-05%	0.0	1	8.11e-05	9.71e-07	3.6e-06	3.83e-07	1.23e-05%
OTU_6684	True	ZB2	1.41e-07	1.28e-05%	0.0	1	0.00017	3.89e-05	6.14e-05	9.64e-07	3.09e-05%
OTU_4389	True	koll11	1.37e-07	1.25e-05%	0.0	1	0.000714	0.000144	0.000842	1.33e-06	4.25e-05%
OTU_459	True	koll11	1.37e-07	1.25e-05%	0.0	1	0.000545	0.000232	9.89e-05	8.08e-07	2.59e-05%
OTU_1383	True	koll11	1.25e-07	1.14e-05%	0.0	1	0.0	2.06e-05	0.0	3.19e-07	1.02e-05%
OTU_6231	True	ZB2	1.22e-07	1.12e-05%	0.0	1	3.9e-06	2.73e-05	1.3e-06	5.95e-07	1.91e-05%
OTU_8017	True	ABY1	1.22e-07	1.11e-05%	0.0	1	0.0	5.88e-05	2.7e-05	2.27e-07	7.28e-06%
OTU_4502	True	koll11	1.21e-07	1.11e-05%	0.0	1	0.000198	2.25e-07	0.0	2.6e-07	8.34e-06%
L1032	False	koll11	1.21e-07	1.1e-05%	0.0	1	0.000737	0.000103	0.000976	8.79e-07	2.82e-05%
OTU_1646	True	PBS-25	1.19e-07	1.08e-05%	0.0	1	0.000158	2.26e-05	0.000107	1.1e-06	3.52e-05%
OTU_9018	True	Mb-NB09	1.17e-07	1.07e-05%	0.0	1	7.7e-05	2.11e-05	4.57e-05	1.5e-06	4.8e-05%
OTU_2558	True	SJA-4	1.15e-07	1.05e-05%	0.0	1	4.21e-05	2.43e-05	1.53e-05	2.4e-06	7.68e-05%
OTU_8234	True	ABY1	1.11e-07	1.01e-05%	0.0	1	7.93e-05	7.62e-05	2.31e-05	1.92e-06	6.15e-05%
OTU_5924	True	OD1	1.08e-07	9.87e-06%	0.0	1	0.000122	5.02e-05	3.71e-07	3.84e-07	1.23e-05%
L898	False	koll11	1.03e-07	9.38e-06%	0.0	1	0.000611	5.95e-05	3.43e-05	3.22e-07	1.03e-05%
OTU_1374	True	PBS-25	9.97e-08	9.08e-06%	0.0	1	5.49e-05	9.98e-06	0.0	3.18e-07	1.02e-05%
OTU_4774	True	koll11	9.89e-08	9.01e-06%	0.0	1	0.000232	0.000146	0.000153	4.44e-06	0.000142%
OTU_1117	True	BD4-9	9.88e-08	9e-06%	0.0	1	0.0	1.39e-05	0.0	2.54e-07	8.13e-06%
L1619	False	OD1	9.73e-08	8.87e-06%	0.0	1	0.00229	0.00153	0.000928	1.1e-06	3.52e-05%
OTU_3007	True	koll11	9.71e-08	8.84e-06%	0.0	1	0.000138	5.27e-05	0.000114	1.78e-06	5.7e-05%
OTU_9148	True	ABY1	9.64e-08	8.78e-06%	0.0	1	1.07e-05	0.0	0.0	2.46e-07	7.89e-06%
OTU_8738	True	OD1	9.43e-08	8.59e-06%	0.0	1	0.0	1.67e-05	0.0	3.17e-07	1.02e-05%
OTU_9129	True	Mb-NB09	9.32e-08	8.49e-06%	0.0	1	4.43e-05	2.19e-05	7.01e-07	4.62e-07	1.48e-05%
OTU_460	True	koll11	8.87e-08	8.08e-06%	0.0	1	2.23e-05	0.0	0.0	2.22e-07	7.11e-06%
OTU_1344	True	PBS-25	8.7e-08	7.92e-06%	0.0	1	4.08e-05	0.0	2.07e-05	3.73e-07	1.19e-05%
OTU_8890	True	ABY1	8.48e-08	7.73e-06%	0.0	1	0.0	6.97e-06	0.0	2.18e-07	7e-06%
OTU_6282	True	OD1	8.47e-08	7.72e-06%	0.004	0	0.0	4.89e-06	0.0	1.94e-07	6.2e-06%
OTU_9088	True	ABY1	8.32e-08	7.58e-06%	0.0	1	9.8e-06	0.0	0.0	1.67e-07	5.34e-06%
OTU_6617	True	ZB2	8.21e-08	7.48e-06%	0.0	1	0.0	3.73e-05	4.16e-05	4.47e-07	1.43e-05%
OTU_8154	True	OP11-4	8.07e-08	7.35e-06%	0.0	1	8.47e-05	1.28e-05	2.06e-05	4.4e-07	1.41e-05%
OTU_9100	True	TM7	8.05e-08	7.33e-06%	0.0	1	5.47e-06	0.0	0.0	2.01e-07	6.43e-06%
OTU_386	True	PBS-25	7.66e-08	6.97e-06%	0.0	1	4.21e-05	0.0	4.24e-06	2.63e-07	8.41e-06%
L223	False	ABY1	7.16e-08	6.52e-06%	0.0	1	0.00122	0.00136	0.00103	3.08e-05	0.000986%
L1159	False	koll11	6.75e-08	6.15e-06%	0.0	1	0.000254	1.59e-05	2.46e-05	1.58e-07	5.05e-06%
OTU_2809	True	SJA-4	6.7e-08	6.1e-06%	0.002	0	0.0	5.88e-06	0.0	1.94e-07	6.21e-06%
L1235	False	TM7	6.69e-08	6.1e-06%	0.0	1	0.0113	0.0122	0.0104	0.000146	0.00466%
OTU_3013	True	PBS-25	6.49e-08	5.92e-06%	0.0	1	1.66e-05	2.25e-07	0.0	1.48e-07	4.76e-06%
OTU_8165	True	ABY1	6.47e-08	5.9e-06%	0.0	1	3.75e-05	1.34e-05	3.14e-05	1.46e-06	4.68e-05%
OTU_4497	True	koll11	6.13e-08	5.58e-06%	0.0	1	0.000165	1.42e-05	0.0	1.67e-07	5.34e-06%
OTU_1883	True	koll11	6e-08	5.47e-06%	0.0	1	0.000162	1.88e-05	1.07e-05	1.87e-07	5.98e-06%
OTU_4959	True	ZB2	5.93e-08	5.4e-06%	0.0	1	0.0	1.41e-05	9.8e-06	5.22e-07	1.67e-05%
OTU_8032	True	ABY1	5.68e-08	5.18e-06%	0.0	1	0.0	1.45e-05	0.0	1.44e-07	4.61e-06%
OTU_4864	True	GIF10	5.26e-08	4.8e-06%	0.0	1	0.000107	9.66e-06	0.0	1.24e-07	3.99e-06%
OTU_831	True	koll11	5.09e-08	4.63e-06%	0.0	1	0.00031	3.66e-05	0.0	1.2e-07	3.84e-06%
L1362	False	OD1	4.97e-08	4.53e-06%	0.0	1	0.0826	0.739	0.774	5.56e-09	1.78e-07%

L1377	False	OD1	4.85e-08	4.42e-06%	0.0	1	0.015	0.599	0.456	1.62e-08	5.18e-07%
OTU_8159	True	ABY1	4.66e-08	4.24e-06%	0.00701	0	0.0	4.07e-06	6.93e-06	3.18e-07	1.02e-05%
OTU_464	True	koll11	4.49e-08	4.09e-06%	0.002	0	5.34e-06	7.1e-06	0.0	3.23e-07	1.03e-05%
OTU_1326	True	PBS-25	4.48e-08	4.08e-06%	0.0	1	6.18e-06	0.0	0.0	8.81e-08	2.82e-06%
OTU_6696	True	ZB2	4.28e-08	3.9e-06%	0.0	1	7.3e-06	0.0	0.0	1.07e-07	3.43e-06%
OTU_8175	True	TM7-3	4.22e-08	3.85e-06%	0.0	1	1.75e-05	0.0	0.0	7.35e-08	2.35e-06%
L1364	False	OD1	4.18e-08	3.81e-06%	0.0	1	0.0701	0.688	0.58	9.96e-09	3.19e-07%
OTU_10899	True	OP11-4	4.07e-08	3.7e-06%	0.0	1	6.01e-06	2.05e-06	0.0	2.05e-07	6.57e-06%
OTU_8084	True	ABY1	3.89e-08	3.54e-06%	0.0	1	0.000142	0.00011	0.000211	1.83e-06	5.85e-05%
OTU_10835	True	OP11-4	3.76e-08	3.43e-06%	0.0541	0	4.73e-07	2.82e-06	6.15e-06	3.94e-07	1.26e-05%
OTU_9123	True	ABY1	3.6e-08	3.28e-06%	0.001	0	0.0	1.02e-06	7.13e-06	1.78e-07	5.69e-06%
OTU_8186	True	OD1	3.06e-08	2.78e-06%	0.0	1	0.0	0.0	3.57e-06	9.8e-08	3.14e-06%
OTU_8172	True	EW055	2.76e-08	2.51e-06%	0.0	1	4.25e-06	0.0	0.0	7.26e-08	2.33e-06%
L529	False	TM6	2.72e-08	2.48e-06%	0.0	1	0.000191	0.000145	0.000171	2.49e-06	7.98e-05%
OTU_8169	True	TM7-3	2.46e-08	2.24e-06%	0.0	1	4.01e-06	0.0	0.0	5.23e-08	1.67e-06%
OTU_4166	True	koll11	2.4e-08	2.19e-06%	0.0	1	5.44e-06	0.0	0.0	6.32e-08	2.03e-06%
OTU_4996	True	GIF10	1.97e-08	1.8e-06%	0.0	1	1.51e-06	0.0	0.0	3.99e-08	1.28e-06%
OTU_5992	True	ZB2	1.82e-08	1.66e-06%	0.0	1	0.00164	0.22	0.127	2.55e-08	8.15e-07%
OTU_1177	True	OP3	1.79e-08	1.63e-06%	0.001	0	0.000137	0.000112	0.000113	2.52e-06	8.08e-05%
L970	False	koll11	1.28e-08	1.16e-06%	0.0	1	0.175	0.0204	0.0281	2.68e-09	8.57e-08%
OTU_6682	True	ZB2	1.1e-08	9.99e-07%	0.0	1	0.0	0.0	6.86e-06	2.13e-08	6.81e-07%
OTU_188	True	koll11	1.02e-08	9.27e-07%	0.101	0	1.81e-06	1.6e-07	0.0	2.75e-08	8.81e-07%
OTU_2868	True	SJA-4	7.02e-09	6.39e-07%	0.148	0	0.0	0.0	1.33e-06	2.24e-08	7.18e-07%
L1007	False	koll11	6.27e-09	5.71e-07%	0.0	1	0.0862	0.00956	0.016	1.2e-09	3.84e-08%
L1433	False	ZB2	4.68e-09	4.26e-07%	0.0	1	0.00559	0.0509	0.079	4e-09	1.28e-07%
L808	False	OP3	3.19e-09	2.91e-07%	0.0	1	0.0421	0.00375	0.00886	2.55e-09	8.18e-08%
L1498	False	ZB2	2.72e-09	2.48e-07%	0.0	1	0.000476	0.0291	0.0322	6.81e-09	2.18e-07%
L170	False	OD1	2.36e-09	2.15e-07%	0.0	1	0.0486	0.017	0.00919	2.13e-09	6.83e-08%
L468	False	OP11-4	2.32e-09	2.11e-07%	0.0	1	0.0293	0.00439	0.00327	1.6e-09	5.14e-08%
L953	False	koll11	2.23e-09	2.03e-07%	0.0	1	0.0216	0.0017	0.00119	1.39e-09	4.45e-08%
L319	False	OD1	1.92e-09	1.75e-07%	0.0	1	0.0199	0.00202	0.00134	9.7e-10	3.11e-08%
L1042	False	koll11	1.62e-09	1.47e-07%	0.0	1	0.0194	0.00252	0.00213	5.65e-10	1.81e-08%
L1682	False	OD1	1.45e-09	1.32e-07%	0.0	1	0.0171	0.00273	0.00139	6.39e-10	2.05e-08%
L1043	False	koll11	1.36e-09	1.24e-07%	0.0	1	0.0158	0.00182	0.00173	6.31e-10	2.02e-08%
L230	False	ABY1	1.12e-09	1.02e-07%	0.0	1	0.0134	0.00172	0.00155	9.75e-10	3.12e-08%
OTU_7230	True	ABY1	9.49e-10	8.64e-08%	0.0	1	0.00914	0.00113	0.000286	8.79e-10	2.82e-08%
OTU_6022	True	OD1	7.61e-10	6.93e-08%	0.0	1	0.00717	0.00092	0.000174	7.44e-10	2.38e-08%
L1421	False	ZB2	5.92e-10	5.39e-08%	0.0	1	0.000111	0.00392	0.00803	1.05e-09	3.38e-08%
L169	False	OD1	5.77e-10	5.26e-08%	0.0	1	0.0603	0.0406	0.0352	4.09e-09	1.31e-07%
L1280	False	TM7-3	5.7e-10	5.19e-08%	0.0	1	0.00461	0.000237	9.33e-05	1.03e-09	3.29e-08%
L249	False	ABY1	5.3e-10	4.83e-08%	0.0	1	0.00579	0.00139	0.000179	7.43e-10	2.38e-08%
L1124	False	koll11	5.06e-10	4.61e-08%	0.0	1	0.00504	0.000381	0.000441	7.17e-10	2.3e-08%
L324	False	ABY1	4.63e-10	4.22e-08%	0.0	1	0.00387	0.000221	0.000112	4.55e-10	1.46e-08%
L1455	False	ZB2	4.63e-10	4.21e-08%	0.0	1	0.000856	0.00492	0.00924	8.72e-10	2.79e-08%
OTU_6693	True	ZB2	4.25e-10	3.87e-08%	1.0	0	0.0	0.0	1.48e-07	1.14e-09	3.65e-08%
L1788	False	OD1	3.62e-10	3.3e-08%	0.0	1	0.00405	0.000564	0.000357	2.97e-10	9.53e-09%
L763	False	PBS-25	3.53e-10	3.21e-08%	0.0	1	0.00248	6.58e-05	7.42e-08	8.3e-10	2.66e-08%
L682	False	koll11	3.35e-10	3.05e-08%	0.0	1	0.00584	0.00122	0.00149	5.2e-10	1.67e-08%
L1566	False	ZB2	3.16e-10	2.87e-08%	0.0	1	0.00432	0.000611	0.000841	4.16e-10	1.33e-08%
OTU_5548	True	OD1	3.13e-10	2.85e-08%	0.0	1	0.0031	7.56e-05	0.000601	2.85e-10	9.12e-09%
L1300	False	EW055	2.86e-10	2.6e-08%	0.0	1	0.00251	0.000236	6.28e-05	9.15e-10	2.93e-08%
L164	False	ABY1	2.43e-10	2.21e-08%	0.0	1	0.00208	0.000161	5.72e-05	2.77e-10	8.87e-09%
L884	False	koll11	2.41e-10	2.2e-08%	0.0	1	0.00368	0.000713	0.000737	5.31e-10	1.7e-08%
L1103	False	koll11	2.32e-10	2.11e-08%	0.0	1	0.00243	0.000114	0.000446	3.08e-10	9.86e-09%
OTU_7396	True	ABY1	2.29e-10	2.09e-08%	0.0	1	0.00286	0.000753	0.000204	8.5e-10	2.72e-08%
L369	False	Bacteria	2.25e-10	2.05e-08%	0.0	1	0.837	0.844	0.902	2.31e-09	7.39e-08%
L774	False	PBS-25	2.14e-10	1.95e-08%	0.0	1	0.00254	0.000273	0.000408	7.04e-10	2.25e-08%
L1729	False	Mb-NB09	2.01e-10	1.83e-08%	0.0	1	0.00307	0.000492	0.000769	5.05e-10	1.62e-08%
L922	False	koll11	2e-10	1.82e-08%	0.0	1	0.00132	4.42e-06	4.19e-06	3.23e-10	1.03e-08%
L1732	False	Mb-NB09	1.72e-10	1.57e-08%	0.0	1	0.0019	0.000421	8.9e-05	4.78e-10	1.53e-08%
L1633	False	ZB2	1.45e-10	1.32e-08%	0.0	1	0.00329	0.000809	0.00135	7.82e-10	2.51e-08%
L896	False	koll11	1.38e-10	1.25e-08%	0.0	1	0.00302	0.000611	0.00215	6.01e-10	1.92e-08%
L689	False	koll11	1.37e-10	1.24e-08%	0.0	1	0.00294	0.000616	0.00141	4.32e-10	1.38e-08%
OTU_4847	True	ZB2	1.32e-10	1.2e-08%	0.0	1	0.00101	6.21e-05	6.4e-06	1.77e-10	5.67e-09%
L384	False	ABY1	1.25e-10	1.14e-08%	0.0	1	0.000897	2.83e-05	5.3e-06	1.89e-10	6.06e-09%

L640	False	PBS-25	1.14e-10	1.04e-08%	0.0	1	0.000807	2.03e-05	5.37e-06	1.9e-10	6.08e-09%
L388	False	ABY1	1.13e-10	1.03e-08%	0.0	1	0.0134	0.00855	0.00966	1.49e-09	4.77e-08%
OTU_8209	True	ABY1	1.08e-10	9.87e-09%	0.0	1	6.66e-05	0.00176	0.000615	3.52e-10	1.13e-08%
OTU_6407	True	ZB2	8.95e-11	8.16e-09%	0.0	1	1.24e-05	0.00129	0.000642	1.29e-10	4.12e-09%
OTU_851	True	koll11	8.07e-11	7.35e-09%	0.0	1	0.000899	0.000101	0.000116	2.08e-10	6.67e-09%
L795	False	PBS-25	7.94e-11	7.23e-09%	0.0	1	0.000615	4.38e-05	4.53e-06	1.08e-10	3.46e-09%
OTU_7956	True	OD1	7.71e-11	7.03e-09%	0.0	1	0.000608	8.93e-05	0.00125	3.67e-10	1.18e-08%
OTU_876	True	koll11	7.07e-11	6.44e-09%	0.0	1	0.000445	0.0	0.0	1.44e-10	4.62e-09%
L371	False	ABY1	7.04e-11	6.41e-09%	0.0	1	0.000793	0.000287	2.15e-05	2.15e-10	6.89e-09%
OTU_5946	True	OD1	6.41e-11	5.84e-09%	0.0	1	0.000615	5.2e-05	5.06e-05	1.58e-10	5.05e-09%
L1751	False	OD1	4.32e-11	3.94e-09%	0.0	1	0.000842	0.000713	0.00196	5.98e-10	1.92e-08%
OTU_309	True	PBS-25	3.97e-11	3.62e-09%	0.0	1	0.000558	7.49e-05	0.000152	1.5e-10	4.8e-09%
OTU_6109	True	ZB2	3.7e-11	3.37e-09%	0.0	1	4.83e-06	0.000515	0.000399	7.65e-11	2.45e-09%
OTU_5803	True	OD1	3.67e-11	3.34e-09%	0.0	1	0.000319	1.78e-05	2.26e-05	1.21e-10	3.88e-09%
OTU_6715	True	ZB2	3.63e-11	3.3e-09%	0.0	1	0.000325	5.57e-05	4.2e-06	1.01e-10	3.22e-09%
OTU_6578	True	WCHB1-64	3.28e-11	2.99e-09%	0.0	1	0.000131	8.03e-05	0.00059	1.77e-10	5.67e-09%
OTU_5805	True	OD1	3.22e-11	2.94e-09%	0.0	1	0.000352	4.62e-05	3.93e-05	8.02e-11	2.57e-09%
OTU_7190	True	ABY1	3.18e-11	2.9e-09%	0.0	1	0.0	0.000415	0.000312	9.9e-11	3.17e-09%
OTU_411	True	koll11	3.12e-11	2.84e-09%	0.0	1	0.000399	7.08e-05	6.07e-05	1.41e-10	4.5e-09%
OTU_1017	True	PRR-12	2.39e-11	2.17e-09%	0.0	1	0.000194	0.0	3.09e-05	9.02e-11	2.89e-09%
OTU_5244	True	OD1	2.36e-11	2.15e-09%	0.0	1	0.000259	7.48e-05	1.05e-05	1.05e-10	3.38e-09%
OTU_6594	True	ZB2	2e-11	1.82e-09%	0.0	1	0.000169	3.11e-05	0.0	7.03e-11	2.25e-09%
OTU_9186	True	Mb-NB09	6.91e-12	6.29e-10%	0.0	1	0.000152	0.000127	3.12e-05	6.99e-11	2.24e-09%
L1295	False	TM7-3	6.84e-13	6.23e-11%	0.0	1	4.01e-06	0.0	0.0	1.45e-12	4.65e-11%
OTU_144	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11097	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_10991	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_13	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1977	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11044	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11020	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1975	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1953	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_3999	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1955	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_102	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_112	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11341	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1959	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1960	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11266	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1962	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_10884	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11207	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1965	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11297	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11306	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1968	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_10977	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1969	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11073	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1951	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1972	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1973	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1974	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1981	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L2008	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1983	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1984	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1987	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1988	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_10976	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_10957	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11000	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1992	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%

L1993	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11180	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1995	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1996	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_17	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1998	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11336	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L2000	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_22	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L2002	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11284	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1949	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L2004	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11308	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_10936	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11271	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11285	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_10959	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L2010	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_20	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L2012	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_21	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_10954	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1950	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11312	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11287	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_9114	True	TM7-1	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11281	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1914	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1913	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1912	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_5846	True	OD1	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_8168	True	ZB2	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_6694	True	ZB2	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_7192	True	ZB2	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_5341	True	OD1	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_8196	True	TM7-3	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_8171	True	TM7-3	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_8182	True	EW055	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_8180	True	EW055	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_9113	True	TM7-1	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11012	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1269	False	TM7-1	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_8178	True	TM7-1	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_9149	True	TM7-1	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_470	True	koll11	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_472	True	koll11	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_4223	True	koll11	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_1354	True	PBS-25	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_477	True	PRR-12	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_3027	True	SJA-4	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_10777	True	OP11-3	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_10819	True	OP11-4	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_5181	True	BB36	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_9137	True	ABY1	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11188	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1915	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1918	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11167	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1946	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1945	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_10979	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11015	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11153	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1941	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%

L1940	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_10982	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1938	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_10944	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_10946	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1935	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1919	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11121	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1932	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11194	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_10967	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1921	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1922	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1923	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_10973	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1925	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1926	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11120	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_10942	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11276	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1930	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1	False	Bacteria	-2.60311691088e-17	-2.37130878137e-15%	0.993	0	1.0	1.0	1.0	6.47e-17	2.07e-15%
L0	False	Bacteria	-5.66747234479e-17	-5.16278269457e-15%	0.993	0	1.0	1.0	1.0	1.41e-16	4.51e-15%
OTU_458	True	koll11	-5.6197248056e-10	-5.11928708417e-08%	1.0	0	3.22e-05	3.43e-05	4.33e-05	8.18e-07	2.62e-05%
L1478	False	ZB2	-1.15250869287e-08	-1.04987754204e-06%	1.0	0	0.000313	0.000492	0.000384	1.11e-05	0.000357%
L1237	False	TM7	-2.28331450697e-07	-2.07998485139e-05%	1.0	0	0.0105	0.0121	0.0102	0.000256	0.00821%

phyloh_output_all_sample

Partitioning information in /home/anna/Scrivania/openw/progetto_acqua/16S_merge_work/phyloH.raxml

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The run call was:

```

esecutorePhyloHPandas.py -s /home/anna/Scrivania/openw/progetto_acqua/16S_merge_work/phyloH.raxml/raxml.nano01.01.sample.txt -t
/home/anna/Scrivania/openw/progetto_acqua/16S_merge_work/phyloH.raxml/nanoarchea_taxa_mod.txt -f
/home/anna/Scrivania/openw/progetto_acqua/16S_merge_work/phyloH.raxml/nanoarchea.lb.rm.reroot_newick.txt -g
/home/anna/Scrivania/openw/progetto_acqua/16S_merge_work/phyloH.raxml/map_h2o_M.txt -r 999 -h 1 -q 1 -e 1 -k 1 -o
/home/anna/Scrivania/openw/progetto_acqua/16S_merge_work/phyloH.raxml/nano_arche.lb.rm.all.paper999taxamode1k1

```

Experimental Design:

Counts of observations across groups and samples within groups

Total Counts	Group Name	Group Counts	Sample Name	Sample Counts		
4267536	Aquifer	542957	10A.r.s	2381		
			10A.s	62411		
			11A.r.s	151853		
			11A.s	101531		
			12A.r.s	20449		
			12A.s	56553		
			13A.r.s	14488		
			13A.s	20192		
			14A.r.s	43550		
			14A.s	39416		
			1A.cr.r.s	33918		
			1A.cr.s	88003		
			2A.cr.r.s	14254		
			2A.cr.s	11758		
			3A.r.s	8572		
			3A.s	14119		
			4A.r.s	4789		
			4A.s	14021		
			5A.r.s	13944		
			5A.s	228900		
			6A.r.s	46101		
			6A.s	9801		
			7A.r.s	85755		
			7A.s	8683		
			8A.r.s	12083		
			8A.s	2412		
			9A.r.s	10728		
			9A.s	17584		
			Cfilters	2032592	10B.r.s	102777
					10B.s	2654
					11B.r.s	2580
					11B.s	1795
					12B.r.s	87148
					12B.s	8342
13B.r.s	9825					
13B.s	5704					
14B.r.s	2552					
14B.s	18927					
1B.cr.r.s	612596					
1B.cr.s	212195					
2B.cr.r.s	1207					
2B.cr.s	5133					
3B.r.s	12796					
3B.s	196761					
4B.r.s	58469					
4B.s	63137					
5B.r.s	14924					

			5B.s	7225
			6B.r.s	12747
			6B.s	1106
			7B.r.s	50607
			7B.s	34101
			8B.r.s	22187
			8B.s	283518
			9B.r.s	22565
			9B.s	3972
	Chlor	1691987	10C.r.s	27577
			10C.s	7622
			11C.r.s	4444
			11C.s	19608
			12C.r.s	202073
			12C.s	7657
			13C.r.s	64882
			13C.s	80259
			14C.r.s	18105
			14C.s	10395
			1C.cr.r.s	1790
			1C.er.s	27784
			2C.cr.r.s	21877
			2C.er.s	84514
			3C.r.s	48275
			3C.s	6724
			4C.r.s	53103
			4C.s	5600
			5C.r.s	3430
			5C.s	251395
			6C.r.s	100190
			6C.s	21846
			7C.r.s	25605
			7C.s	8852
			8C.r.s	51516
			8C.s	20891
			9C.r.s	73243
			9C.s	22480

Entropy across samples, groups and samples within groups

MaxDiversity gives the values for a maximally balanced experimental design

	nats	Diversity	MaxDiversity
H(G)	1.1	3.0	3.0
H(S)	4.43	84.0	84.0
H(S G)	3.33	28.0	28.0

Gamma diversities:

Total entropy and diversity within each group and overall data

Unit measure for Diversity is equivalent number of independent equi-abundant lineages

	nats	Diversity
Group		
Aquifer	0.783	2.19
Cfilters	0.501	1.65
Chlor	0.472	1.6
Overall	0.682	1.98

Alpha diversities:

Mean entropy and diversity within sample or group

Unit measure for Diversity is equivalent number of independent equi-abundant lineages

	nats	Diversity
H(T S)	0.482	1.62

H(T G)	0.585	1.8
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Beta diversity:

Information shared across Tree and Sample or Group vector expressed as nats and turnover of linneage.

Turnover is the percentage of observations not shared across groups

Pvalue is computed with Permutation procedure

	nats	TurnOver	pvalue
I(T,G)	0.0971	8.84%	0.0
I(T,S G)	0.104	3.11%	0.0

Difference of each group from total:

phylogenetic Kullback-Leiber distance between each group and the overall data

	KullBack-Lieber(PG(i) Ptot(i))
Group	
Aquifer	0.19
Cfilters	0.0397
Chlor	0.0526

Pairwise TurnOver between groups

	Aquifer	Cfilters	Chlor
Aquifer			
Cfilters	13.9%		
Chlor	13.6%	0.804%	

Per Node Statistics mapped on the phylogeny

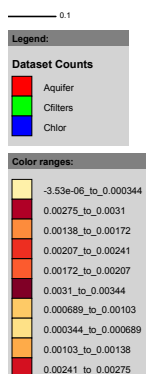
Three types of data are shown on the tree:

1. The color of the branches cyan indicates a contribution to I(T,E) higher than the null distribution, while branches are black otherwise.
2. The background of each branch is a gradient from yellow to red for increased contribution to I(T,E). For details look at the legend on the side
3. Bar plot on each tips indicates the relative frequencies in each group

Look at the tree find an relevant branches and text search the label of the branch to access the correct row on the by node statistics table.

Go itol using the link to modify the tree, or use the itol table and the labelled tree to add further data set (i.e. taxonomic name)

[Click here to modify image](#)



Per Node Statistics in tabular format:

		Metric	I(Ti,G)				By Group Relative Frequency			I(Ti,S G)	
			Stat	nats	TurnOver	pvalue	MultTest	Aquifer	Cfilters	Chlor	nats
Name	Is_Leaf	Taxonomy									
L575	False	Bacteria	0.00378	0.344%	0.0	1	0.536	0.0814	0.0991	0.00129	0.0386%
L526	False	Bacteria	0.0032	0.291%	0.0	1	0.543	0.085	0.102	0.00115	0.0346%
L420	False	Bacteria	0.00309	0.282%	0.0	1	0.613	0.109	0.16	0.00202	0.0607%
OTU_6998	True	ZB2	0.00291	0.265%	0.0	1	0.000611	0.0393	0.152	0.00323	0.0968%
L1372	False	OD1	0.00279	0.254%	0.0	1	0.0413	0.637	0.576	0.00127	0.0381%
L1326	False	OD1	0.00269	0.245%	0.0	1	0.0861	0.701	0.742	0.000939	0.0282%
L422	False	Bacteria	0.00253	0.23%	0.0	1	0.582	0.0957	0.11	0.000919	0.0276%
L1379	False	ZB2	0.0024	0.219%	0.0	1	0.0156	0.564	0.479	0.00144	0.0432%
L1375	False	OD1	0.00237	0.216%	0.0	1	0.0166	0.564	0.479	0.00144	0.0432%
L1324	False	OD1	0.00236	0.214%	0.0	1	0.126	0.711	0.746	0.00091	0.0273%
L1331	False	OD1	0.00232	0.212%	0.0	1	0.085	0.701	0.742	0.000804	0.0241%
L527	False	Bacteria	0.00226	0.206%	0.0	1	0.542	0.085	0.102	0.000817	0.0245%
L1363	False	OD1	0.00215	0.196%	0.0	1	0.0661	0.682	0.732	0.000759	0.0228%
L1325	False	OD1	0.00189	0.172%	0.0	1	0.108	0.707	0.745	0.000689	0.0207%
L1328	False	OD1	0.00162	0.147%	0.0	1	0.0853	0.701	0.742	0.000561	0.0168%
L921	False	koll11	0.00162	0.147%	0.0	1	0.244	0.038	0.0476	0.0006	0.018%
L421	False	Bacteria	0.00154	0.14%	0.0	1	0.607	0.109	0.159	0.00103	0.031%
L1391	False	ZB2	0.00133	0.121%	0.0	1	0.013	0.349	0.346	0.00148	0.0445%
L1315	False	OD1	0.00128	0.117%	0.0	1	0.223	0.736	0.753	0.000726	0.0218%
L1350	False	OD1	0.00111	0.101%	0.0	1	0.08	0.697	0.739	0.000383	0.0115%
L612	False	OP3	0.00109	0.0991%	0.0	1	0.5	0.0772	0.0969	0.000421	0.0126%
L1323	False	OD1	0.00107	0.097%	0.0	1	0.211	0.735	0.752	0.000569	0.0171%
L1330	False	OD1	0.00105	0.0958%	0.0	1	0.0852	0.701	0.742	0.000364	0.0109%
L1373	False	OD1	0.000981	0.0893%	0.0	1	0.0169	0.564	0.479	0.000596	0.0179%
L1381	False	ZB2	0.000962	0.0876%	0.0	1	0.0156	0.564	0.479	0.000576	0.0173%
L920	False	koll11	0.000958	0.0872%	0.0	1	0.255	0.0424	0.0511	0.000369	0.0111%
L576	False	Bacteria	0.000955	0.0869%	0.0	1	0.532	0.0813	0.0989	0.000326	0.00978%
L1332	False	OD1	0.00094	0.0855%	0.0	1	0.084	0.699	0.74	0.000327	0.00981%
L914	False	OP3	0.000912	0.083%	0.0	1	0.256	0.0424	0.0511	0.000346	0.0104%
L973	False	koll11	0.00086	0.0782%	0.0	1	0.177	0.0267	0.0352	0.000313	0.0094%
L983	False	koll11	0.000811	0.0738%	0.0	1	0.168	0.025	0.0344	0.00031	0.00931%
L1386	False	ZB2	0.000789	0.0718%	0.0	1	0.0025	0.21	0.131	0.0012	0.0359%
L1407	False	ZB2	0.000689	0.0628%	0.0	1	0.00598	0.296	0.32	0.000912	0.0274%
L1383	False	ZB2	0.000579	0.0527%	0.0	1	0.0156	0.56	0.478	0.000355	0.0106%
L1587	False	ZB2	0.000568	0.0517%	0.0	1	0.000753	0.0393	0.152	0.000633	0.019%
L840	False	OP3	0.000566	0.0515%	0.0	1	0.0647	0.00704	0.00868	0.000272	0.00817%
L1401	False	ZB2	0.000519	0.0472%	0.0	1	0.00856	0.346	0.344	0.000552	0.0166%

L1768	False	OD1	0.000511	0.0465%	0.0	1	0.0277	0.00537	0.00169	0.000855	0.0257%
L1393	False	ZB2	0.000509	0.0464%	0.0	1	0.0124	0.349	0.346	0.000563	0.0169%
L620	False	OP3	0.0005	0.0455%	0.0	1	0.499	0.0771	0.0969	0.000194	0.00581%
L1370	False	OD1	0.00048	0.0437%	0.0	1	0.0654	0.641	0.578	0.00025	0.00751%
L706	False	OP3	0.000455	0.0414%	0.0	1	0.116	0.0148	0.0253	0.000327	0.0098%
L622	False	OP3	0.000422	0.0384%	0.0	1	0.152	0.0209	0.0309	0.000233	0.007%
L990	False	koll11	0.00041	0.0373%	0.0	1	0.153	0.0223	0.0335	0.000162	0.00485%
OTU_7148	True	OD1	0.000407	0.037%	0.0	1	0.0257	0.00496	0.00159	0.000767	0.023%
L1371	False	OD1	0.000407	0.037%	0.0	1	0.0648	0.641	0.578	0.000212	0.00636%
L938	False	koll11	0.000403	0.0367%	0.0	1	0.238	0.0377	0.0472	0.000153	0.0046%
L925	False	koll11	0.000391	0.0356%	0.0	1	0.243	0.038	0.0476	0.000147	0.00441%
L621	False	OP3	0.000374	0.0341%	0.0	1	0.244	0.0347	0.0458	0.000181	0.00543%
L458	False	OP11-4	0.000364	0.0331%	0.0	1	0.0321	0.00626	0.00366	0.000265	0.00796%
L783	False	OP3	0.000363	0.0331%	0.0	1	0.056	0.00728	0.00883	0.000272	0.00816%
L443	False	OP11	0.000355	0.0323%	0.0	1	0.0365	0.00725	0.00475	0.000249	0.00746%
L1388	False	ZB2	0.000353	0.0322%	0.0	1	0.00249	0.209	0.13	0.000546	0.0164%
L861	False	koll11	0.000332	0.0302%	0.0	1	0.0268	0.00674	0.00625	0.000418	0.0125%
L838	False	OP3	0.00032	0.0291%	0.0	1	0.065	0.00704	0.00868	0.000154	0.00461%
L644	False	OP3	0.000306	0.0278%	0.0	1	0.14	0.0188	0.0305	0.000189	0.00568%
OTU_5414	True	ZB2	0.000297	0.0271%	0.0	1	0.0048	0.268	0.248	0.000569	0.0171%
L927	False	koll11	0.000297	0.027%	0.0	1	0.241	0.038	0.0476	0.000113	0.00338%
L1317	False	OD1	0.000291	0.0265%	0.0	1	0.00977	0.000483	0.000393	0.000195	0.00584%
L1680	False	OD1	0.000288	0.0262%	0.0	1	0.0178	0.0039	0.00109	0.000209	0.00626%
L929	False	koll11	0.000282	0.0257%	0.0	1	0.241	0.0379	0.0473	0.000106	0.00318%
OTU_6187	True	ZB2	0.000276	0.0251%	0.0	1	0.000135	0.0119	0.0193	0.000752	0.0226%
L1384	False	ZB2	0.000273	0.0248%	0.0	1	0.00255	0.212	0.132	0.000399	0.012%
OTU_65	True	OD1	0.000247	0.0225%	0.0	1	0.00521	0.00203	0.000158	0.000604	0.0181%
L577	False	PRR-12	0.000244	0.0223%	0.0	1	0.0324	0.00409	0.00199	0.000202	0.00606%
L173	False	SM2F11	0.00024	0.0218%	0.0	1	0.01	0.00209	0.000433	0.000202	0.00608%
L940	False	koll11	0.000239	0.0218%	0.0	1	0.238	0.0376	0.0472	9.05e-05	0.00272%
L1403	False	ZB2	0.000238	0.0217%	0.0	1	0.000542	0.05	0.0241	0.000582	0.0175%
L968	False	koll11	0.000236	0.0215%	0.0	1	0.195	0.0296	0.041	8.94e-05	0.00268%
L1410	False	ZB2	0.000236	0.0215%	0.0	1	0.0058	0.292	0.313	0.000331	0.00993%
L950	False	koll11	0.000233	0.0212%	0.0	1	0.228	0.0353	0.046	9.2e-05	0.00276%
L1431	False	ZB2	0.00023	0.021%	0.0	1	0.00512	0.0436	0.064	0.000332	0.00996%
L931	False	koll11	0.000221	0.0201%	0.0	1	0.241	0.0379	0.0473	8.32e-05	0.0025%
L39	False	OD1	0.000219	0.0199%	0.0	1	0.0146	0.00251	0.00184	0.000285	0.00857%
L1767	False	OD1	0.000217	0.0198%	0.0	1	0.0668	0.0182	0.00455	0.000193	0.0058%
L707	False	PBS-25	0.000215	0.0196%	0.0	1	0.0458	0.00624	0.0135	0.000337	0.0101%
L645	False	koll11	0.000214	0.0195%	0.0	1	0.0235	0.00407	0.00514	0.000218	0.00655%
OTU_81	True	OD1	0.000203	0.0185%	0.0	1	0.00796	0.00299	0.00102	0.000617	0.0185%
L1427	False	ZB2	0.000198	0.0181%	0.0	1	0.0111	0.0695	0.0903	0.000381	0.0114%
L1408	False	ZB2	0.00019	0.0173%	0.0	1	0.00581	0.293	0.313	0.000266	0.00798%
OTU_4624	True	PRR-11	0.000186	0.017%	0.0	1	0.00323	1.32e-05	0.000217	0.000452	0.0136%
L744	False	OP3	0.000185	0.0168%	0.0	1	0.0704	0.00852	0.0118	0.000105	0.00314%
L987	False	koll11	0.000179	0.0163%	0.0	1	0.163	0.0243	0.0342	6.93e-05	0.00208%
L1233	False	TM7	0.000179	0.0163%	0.0	1	0.0252	0.013	0.0488	0.00176	0.0528%
L1741	False	OD1	0.000171	0.0155%	0.0	1	0.0853	0.0239	0.00655	0.000135	0.00405%
OTU_185	True	PRR-12	0.000169	0.0154%	0.0	1	0.0121	0.00205	0.00112	0.000508	0.0152%
L1237	False	TM7	0.000169	0.0154%	0.0	1	0.0241	0.0127	0.0482	0.00166	0.0499%
L1782	False	OD1	0.000168	0.0153%	0.0	1	0.0308	0.0103	0.00244	0.000237	0.00712%
L457	False	OP11	0.000164	0.0149%	0.0	1	0.0352	0.00708	0.00373	0.000104	0.00312%
OTU_8000	True	OD1	0.000154	0.014%	0.0	1	0.00944	0.000483	0.00038	0.000106	0.00318%
L969	False	koll11	0.000141	0.0128%	0.0	1	0.188	0.0283	0.0364	4.91e-05	0.00147%
L1428	False	ZB2	0.000139	0.0127%	0.0	1	0.00961	0.0453	0.0649	0.000266	0.00797%
L1809	False	OD1	0.000138	0.0126%	0.0	1	0.00834	0.00213	0.000169	0.000197	0.00592%
L1429	False	ZB2	0.000138	0.0126%	0.0	1	0.00539	0.0436	0.064	0.000201	0.00604%
L90	False	ABY1	0.000135	0.0123%	0.0	1	0.0206	0.00608	0.000982	0.000124	0.00372%
L1278	False	TM7-3	0.000134	0.0122%	0.0	1	0.0103	0.000317	0.0271	0.000642	0.0193%
L583	False	PRR-12	0.000133	0.0121%	0.0	1	0.012	0.00143	0.000674	0.000143	0.0043%
L977	False	koll11	0.00013	0.0118%	0.0	1	0.172	0.0259	0.0348	4.81e-05	0.00144%
L785	False	OP3	0.000129	0.0118%	0.0	1	0.0559	0.00728	0.00883	9.67e-05	0.0029%
L423	False	Bacteria	0.000128	0.0117%	0.0	1	0.0388	0.0107	0.00834	0.000181	0.00544%
L1742	False	OD1	0.000126	0.0115%	0.0	1	0.0185	0.0057	0.002	0.000159	0.00479%

L934	False	koll11	0.000123	0.0112%	0.0	1	0.239	0.0379	0.0472	4.66e-05	0.0014%
L1415	False	ZB2	0.000123	0.0112%	0.0	1	0.000533	0.0245	0.0641	0.000251	0.00752%
L52	False	ABY1	0.000119	0.0108%	0.0	1	0.00957	0.0412	0.0175	0.000584	0.0175%
L1539	False	ZB2	0.000115	0.0105%	0.0	1	0.0234	0.00394	0.00218	0.000114	0.00342%
OTU_8178	True	TM7-1	0.000115	0.0105%	0.0	1	0.0	0.0	0.00724	0.000289	0.00866%
L1316	False	OD1	0.000115	0.0104%	0.0	1	0.0121	0.00064	0.000398	6.51e-05	0.00195%
L837	False	OP3	0.000114	0.0104%	0.0	1	0.0918	0.0138	0.0149	5.67e-05	0.0017%
L1797	False	OD1	0.000114	0.0104%	0.0	1	0.0268	0.00967	0.00203	0.000184	0.00553%
L467	False	OP11-4	0.000113	0.0103%	0.0	1	0.0257	0.00548	0.00257	0.000123	0.0037%
L1829	False	OD1	0.000112	0.0102%	0.0	1	0.0133	0.00636	0.00152	0.000287	0.00861%
L1013	False	koll11	0.000109	0.00995%	0.0	1	0.0221	0.00426	0.00246	9.49e-05	0.00285%
L790	False	OP3	0.000108	0.00985%	0.0	1	0.0545	0.00719	0.00853	8.23e-05	0.00247%
L1841	False	OD1	0.000107	0.00976%	0.0	1	0.0101	0.00336	0.000654	0.000187	0.00562%
L441	False	Bacteria	0.000104	0.0095%	0.0	1	0.0365	0.0099	0.00497	0.000105	0.00315%
L1452	False	ZB2	0.000104	0.00948%	0.0	1	0.00049	0.0205	0.032	0.000158	0.00473%
OTU_9143	True	OD1	0.000104	0.00946%	0.0	1	0.0	0.00264	0.000223	0.000441	0.0132%
L1446	False	ZB2	0.000102	0.0093%	0.0	1	0.000116	0.0167	0.0229	0.000133	0.004%
L847	False	koll11	0.000102	0.00928%	0.0	1	0.0276	0.00358	0.00463	0.000107	0.0032%
L581	False	PRR-12	0.000101	0.00917%	0.0	1	0.0127	0.00143	0.000674	0.000101	0.00302%
L171	False	OD1	0.0001	0.00911%	0.0	1	0.029	0.00765	0.00349	0.000108	0.00323%
OTU_6344	True	OD1	9.96e-05	0.00907%	0.0	1	0.00623	0.000622	5.18e-05	0.000158	0.00473%
L1235	False	TM7	9.91e-05	0.00902%	0.0	1	0.0248	0.013	0.0488	0.000977	0.0293%
L1307	False	OD1	9.76e-05	0.00888%	0.0	1	0.00548	0.000419	0.000664	0.000142	0.00427%
L711	False	PBS-25	9.75e-05	0.00887%	0.0	1	0.0455	0.00624	0.0133	0.000155	0.00464%
L578	False	PRR-12	9.56e-05	0.0087%	0.0	1	0.0287	0.00375	0.00198	0.000102	0.00306%
L1743	False	OD1	9.42e-05	0.00858%	0.0	1	0.0171	0.00398	0.000155	5.93e-05	0.00178%
L1497	False	ZB2	9.23e-05	0.0084%	0.0	1	0.00146	0.0242	0.0254	0.000367	0.011%
L51	False	OD1	9.15e-05	0.00833%	0.0	1	0.0454	0.0933	0.0459	0.000616	0.0185%
L1783	False	OD1	9.15e-05	0.00833%	0.0	1	0.0306	0.0103	0.00238	0.000129	0.00386%
L495	False	OP11-4	9.09e-05	0.00827%	0.0	1	0.0133	0.00323	0.0017	0.000235	0.00706%
L31	False	OD1	9.02e-05	0.00821%	0.0	1	0.0159	0.00253	0.00186	0.000111	0.00332%
L709	False	PBS-25	8.97e-05	0.00816%	0.0	1	0.0455	0.00624	0.0135	0.000143	0.0043%
L1010	False	koll11	8.88e-05	0.00808%	0.0	1	0.0899	0.0148	0.0238	5.64e-05	0.00169%
L988	False	koll11	8.82e-05	0.00802%	0.0	1	0.155	0.0226	0.0336	3.4e-05	0.00102%
L1269	False	TM7-1	8.77e-05	0.00798%	0.0	1	0.00813	0.0	0.0	0.000207	0.0062%
L1656	False	OD1	8.74e-05	0.00796%	0.0	1	0.00869	0.00319	0.00123	0.000248	0.00744%
L932	False	koll11	8.71e-05	0.00793%	0.0	1	0.239	0.0379	0.0472	3.3e-05	0.000989%
OTU_9113	True	TM7-1	8.66e-05	0.00788%	0.0	1	0.00482	0.0	0.0	0.000239	0.00716%
OTU_7453	True	ABY1	8.63e-05	0.00785%	0.0	1	0.00349	0.000655	0.000208	0.000158	0.00474%
OTU_5981	True	ZB2	8.57e-05	0.0078%	0.0	1	0.000474	0.0196	0.0601	0.000178	0.00533%
L28	False	OD1	8.57e-05	0.0078%	0.0	1	0.142	0.143	0.0792	0.000722	0.0217%
OTU_6636	True	ABY1	8.56e-05	0.00779%	0.0	1	0.00596	0.00229	0.000736	0.000294	0.00882%
L1009	False	koll11	8.55e-05	0.00778%	0.0	1	0.0985	0.0149	0.0241	5.1e-05	0.00153%
L459	False	OP11-4	8.35e-05	0.0076%	0.0	1	0.0264	0.00558	0.0031	8.82e-05	0.00265%
L1842	False	OD1	8.28e-05	0.00754%	0.0	1	0.00492	0.00132	0.000497	0.000189	0.00566%
L1028	False	koll11	7.94e-05	0.00723%	0.0	1	0.033	0.00454	0.0123	0.000106	0.00317%
L1283	False	TM7-3	7.83e-05	0.00713%	0.0	1	0.00036	9.06e-07	0.0238	0.000209	0.00626%
L1594	False	OD1	7.76e-05	0.00707%	0.0	1	0.000224	0.00884	0.00327	0.000164	0.00493%
L1246	False	TM7-1	7.7e-05	0.00701%	0.0	1	2.45e-05	0.0105	0.00754	0.000162	0.00485%
L1449	False	ZB2	7.63e-05	0.00694%	0.0	1	0.00127	0.0256	0.0394	9.9e-05	0.00297%
L1277	False	TM7	7.58e-05	0.0069%	0.0	1	0.011	0.000535	0.0273	0.000372	0.0112%
L390	False	ABY1	7.54e-05	0.00686%	0.0	1	0.00446	0.000429	0.000268	6.48e-05	0.00195%
L1450	False	ZB2	7.44e-05	0.00677%	0.0	1	0.000523	0.0208	0.032	0.000113	0.0034%
L792	False	OP3	7.38e-05	0.00672%	0.0	1	0.0533	0.00697	0.0084	5.66e-05	0.0017%
L1807	False	OD1	7.35e-05	0.00669%	0.0	1	0.011	0.00309	0.000321	0.000108	0.00325%
L1655	False	OD1	7.28e-05	0.00663%	0.0	1	0.0221	0.00657	0.00243	9.31e-05	0.00279%
L1443	False	ZB2	7.2e-05	0.00655%	0.0	1	0.00288	0.0428	0.063	8.95e-05	0.00269%
L766	False	OP3	7.17e-05	0.00653%	0.0	1	0.0598	0.00764	0.00917	4.76e-05	0.00143%
OTU_7115	True	ABY1	7.12e-05	0.00648%	0.0	1	9.62e-05	0.0125	0.0104	0.00017	0.0051%
OTU_6068	True	OD1	7.11e-05	0.00647%	0.0	1	0.00236	0.000157	5.86e-06	0.000104	0.00312%
L232	False	ABY1	7.01e-05	0.00638%	0.0	1	0.0114	0.00276	0.00123	0.000114	0.00341%
L1777	False	OD1	7.01e-05	0.00638%	0.0	1	0.0391	0.0128	0.00285	7.67e-05	0.0023%
L713	False	PBS-25	6.97e-05	0.00635%	0.0	1	0.0451	0.00623	0.0133	0.000112	0.00338%
L1781	False	OD1	6.95e-05	0.00633%	0.0	1	0.0382	0.0128	0.00285	7.95e-05	0.00239%
L1285	False	TM7-3	6.86e-05	0.00624%	0.0	1	0.00036	9.06e-07	0.023	0.000183	0.0055%

L605	False	PRR-12	6.83e-05	0.00622%	0.0	1	0.00374	0.000341	2.96e-06	0.000116	0.00348%
OTU_6581	True	ZB2	6.79e-05	0.00618%	0.0	1	0.000284	0.0205	0.032	9.81e-05	0.00294%
OTU_9100	True	TM7	6.72e-05	0.00612%	0.0	1	1.51e-05	1.27e-06	0.00583	0.000215	0.00646%
L843	False	koll11	6.7e-05	0.0061%	0.0	1	0.0393	0.00429	0.00603	4.93e-05	0.00148%
L594	False	PRR-12	6.62e-05	0.00602%	0.0	1	0.016	0.00229	0.00121	0.000122	0.00365%
L989	False	koll11	6.52e-05	0.00594%	0.0	1	0.155	0.0225	0.0336	2.55e-05	0.000765%
L1596	False	OD1	6.39e-05	0.00582%	0.0	1	0.000224	0.00883	0.00275	0.000119	0.00358%
L628	False	PBS-25	6.27e-05	0.0057%	0.0	1	0.00536	0.000215	7.94e-05	8.42e-05	0.00253%
OTU_7957	True	OD1	6.2e-05	0.00564%	0.0	1	0.00218	0.000711	1.73e-05	0.000141	0.00423%
L789	False	OP3	6.15e-05	0.0056%	0.0	1	0.0547	0.00719	0.00853	4.64e-05	0.00139%
L360	False	ABY1	6.13e-05	0.00558%	0.0	1	0.00528	0.000904	0.000212	0.000101	0.00305%
OTU_2703	True	koll11	6.09e-05	0.00554%	0.0	1	0.0128	0.00178	0.000761	6.52e-05	0.00196%
L942	False	koll11	6.07e-05	0.00552%	0.0	1	0.238	0.0373	0.0471	2.27e-05	0.000683%
L123	False	ABY1	6.01e-05	0.00547%	0.0	1	6.57e-05	0.00946	0.00624	0.000124	0.00372%
L1843	False	OD1	5.98e-05	0.00544%	0.0	1	0.00481	0.00117	0.000494	0.00013	0.00389%
L767	False	OP3	5.95e-05	0.00542%	0.0	1	0.0596	0.00764	0.00917	3.97e-05	0.00119%
L72	False	ABY1	5.93e-05	0.0054%	0.0	1	0.000583	0.0313	0.00889	0.00013	0.00389%
OTU_260	True	koll11	5.93e-05	0.0054%	0.0	1	0.0244	0.00264	0.00183	5.78e-05	0.00173%
L148	False	OD1	5.93e-05	0.0054%	0.0	1	0.00304	0.000574	0.000137	9.28e-05	0.00278%
L61	False	ABY1	5.92e-05	0.00539%	0.0	1	0.00431	0.04	0.0174	0.000185	0.00555%
L623	False	PBS-25	5.81e-05	0.00529%	0.0	1	0.0123	0.00208	0.000434	3.75e-05	0.00113%
OTU_6197	True	OD1	5.72e-05	0.0052%	0.0	1	0.00341	0.000185	0.000455	0.000103	0.0031%
OTU_347	True	koll11	5.68e-05	0.00517%	0.0	1	0.00682	0.000429	0.000813	0.000143	0.00429%
OTU_8254	True	OD1	5.62e-05	0.00512%	0.0	1	0.000777	3.89e-05	1.52e-05	8.43e-05	0.00253%
L512	False	OP11-3	5.51e-05	0.00502%	0.0	1	0.00226	0.000407	5.68e-05	0.000147	0.0044%
L1011	False	koll11	5.51e-05	0.00501%	0.0	1	0.0788	0.0128	0.0207	4.14e-05	0.00124%
L410	False	ABY1	5.51e-05	0.00501%	0.0	1	0.000306	0.00469	0.0065	0.000154	0.00463%
L1808	False	OD1	5.44e-05	0.00496%	0.0	1	0.00896	0.00215	0.000177	7.05e-05	0.00212%
OTU_10802	True	OP11-4	5.41e-05	0.00493%	0.0	1	0.00169	9.87e-05	1.33e-05	6.35e-05	0.00191%
L1661	False	OD1	5.35e-05	0.00487%	0.0	1	0.0134	0.00339	0.00121	7.53e-05	0.00226%
L733	False	PBS-25	5.34e-05	0.00486%	0.0	1	0.02	0.0024	0.00211	6.83e-05	0.00205%
L1663	False	OD1	5.33e-05	0.00485%	0.0	1	0.00672	0.000633	5.18e-05	7.12e-05	0.00214%
OTU_7960	True	OD1	5.31e-05	0.00484%	0.0	1	0.000864	1.04e-05	1.61e-05	8.36e-05	0.00251%
L648	False	koll11	5.27e-05	0.0048%	0.0	1	0.0221	0.00402	0.00503	6.05e-05	0.00181%
L951	False	koll11	5.27e-05	0.0048%	0.0	1	0.0333	0.00569	0.00493	5.88e-05	0.00176%
OTU_281	True	koll11	5.26e-05	0.00479%	0.0	1	0.00597	0.000432	0.00126	0.000117	0.00353%
L809	False	OP3	5.26e-05	0.00478%	0.0	1	0.0393	0.00465	0.00556	4.04e-05	0.00121%
OTU_8880	True	ABY1	5.26e-05	0.00478%	0.0	1	0.00237	0.000128	9.76e-07	7.26e-05	0.00218%
OTU_6128	True	ZB2	5.21e-05	0.00474%	0.0	1	0.00425	0.000472	0.000233	8.41e-05	0.00252%
L1282	False	TM7-3	5.19e-05	0.00473%	0.0	1	0.0103	0.000291	0.0265	0.000259	0.00776%
OTU_5941	True	OD1	5.17e-05	0.00471%	0.0	1	0.00115	0.000783	6.32e-05	0.000255	0.00764%
L1309	False	OD1	5.12e-05	0.00466%	0.0	1	0.00514	0.000419	0.000661	8.03e-05	0.00241%
L162	False	ABY1	5.08e-05	0.00463%	0.0	1	0.00524	0.000518	5.12e-05	9.2e-05	0.00276%
L760	False	OP3	5.08e-05	0.00463%	0.0	1	0.0619	0.00789	0.00929	3.43e-05	0.00103%
OTU_8200	True	ABY1	5.03e-05	0.00457%	0.0	1	0.00164	7.29e-05	8.4e-06	6.28e-05	0.00188%
L800	False	OP3	5.02e-05	0.00457%	0.0	1	0.0521	0.00649	0.00837	3.81e-05	0.00114%
L81	False	ABY1	4.96e-05	0.00451%	0.0	1	0.0224	0.00919	0.00225	6.09e-05	0.00183%
OTU_8447	True	ABY1	4.95e-05	0.0045%	0.0	1	0.000623	0.00601	0.0108	0.000167	0.00501%
OTU_9114	True	TM7-1	4.92e-05	0.00448%	0.0	1	0.0033	0.0	0.0	0.000108	0.00324%
L1853	False	OD1	4.92e-05	0.00448%	0.0	1	0.00738	0.00247	0.000408	5.08e-05	0.00152%
L184	False	SM2F11	4.78e-05	0.00435%	0.0	1	0.0077	0.00167	0.00021	4.12e-05	0.00124%
L389	False	ABY1	4.78e-05	0.00435%	0.0	1	0.0114	0.0038	0.00112	8.3e-05	0.00249%
L1005	False	koll11	4.76e-05	0.00433%	0.0	1	0.106	0.0154	0.0254	2.69e-05	0.000806%
L1833	False	OD1	4.73e-05	0.0043%	0.0	1	7.22e-05	0.00166	0.000125	0.000233	0.00699%
L1412	False	ZB2	4.7e-05	0.00428%	0.0	1	0.000995	0.0246	0.0649	9.63e-05	0.00289%
OTU_10861	True	OP11-4	4.63e-05	0.00422%	0.0	1	0.00522	0.000679	0.000561	6.88e-05	0.00206%
L47	False	OD1	4.6e-05	0.00419%	0.0	1	0.0458	0.0936	0.0459	0.000309	0.00929%
L481	False	OP11-4	4.6e-05	0.00418%	0.0	1	0.0225	0.00498	0.00244	6.38e-05	0.00191%
L68	False	ABY1	4.6e-05	0.00418%	0.0	1	0.00215	0.0379	0.0143	0.000113	0.0034%
L1166	False	koll11	4.53e-05	0.00412%	0.0	1	0.011	0.00437	0.00343	0.000205	0.00616%
L1567	False	ZB2	4.53e-05	0.00412%	0.0	1	0.00314	0.000473	0.000589	6.4e-05	0.00192%
OTU_7795	True	ABY1	4.5e-05	0.00409%	0.0	1	1.14e-05	0.00417	0.00496	0.000109	0.00328%
L158	False	ABY1	4.49e-05	0.00409%	0.0	1	0.00584	0.00062	7.92e-05	7.15e-05	0.00215%
OTU_7221	True	ABY1	4.46e-05	0.00406%	0.0	1	0.00512	0.000186	7.78e-05	3.57e-05	0.00107%
L320	False	OD1	4.43e-05	0.00403%	0.0	1	0.0118	0.00195	0.000849	4.1e-05	0.00123%

L1543	False	ZB2	4.38e-05	0.00399%	0.0	1	0.0231	0.00394	0.00218	4.46e-05	0.00134%
L366	False	ABY1	4.34e-05	0.00395%	0.0	1	0.0049	0.000528	8.29e-05	3.75e-05	0.00112%
L794	False	OP3	4.34e-05	0.00395%	0.0	1	0.0526	0.00689	0.00838	3.36e-05	0.00101%
L480	False	OP11-4	4.31e-05	0.00393%	0.0	1	0.023	0.00502	0.00247	5.69e-05	0.00171%
L952	False	koll11	4.27e-05	0.00389%	0.0	1	0.0328	0.00512	0.00485	4.82e-05	0.00145%
L579	False	PRR-12	4.21e-05	0.00383%	0.0	1	0.0127	0.00146	0.000773	4.31e-05	0.00129%
L54	False	ABY1	4.19e-05	0.00382%	0.0	1	0.00957	0.0408	0.0175	0.000212	0.00636%
L89	False	ABY1	4.09e-05	0.00372%	0.0	1	0.0206	0.00841	0.00224	5.01e-05	0.0015%
L45	False	OD1	4e-05	0.00364%	0.0	1	0.103	0.136	0.076	0.000461	0.0138%
L807	False	OP3	4e-05	0.00364%	0.0	1	0.0463	0.00556	0.00712	3.16e-05	0.000948%
L1593	False	OD1	3.99e-05	0.00363%	0.0	1	0.000224	0.0091	0.00328	7.89e-05	0.00237%
L1791	False	OD1	3.98e-05	0.00363%	0.0	1	0.00253	0.000443	0.000275	5.03e-05	0.00151%
OTU_7384	True	ABY1	3.98e-05	0.00362%	0.0	1	6.57e-05	0.00816	0.006	0.0001	0.00302%
OTU_6646	True	ZB2	3.92e-05	0.00357%	0.0	1	2.15e-05	0.0042	0.00473	9.95e-05	0.00299%
L511	False	OP11	3.92e-05	0.00357%	0.0	1	0.00308	0.000822	6.54e-05	8.8e-05	0.00264%
L507	False	OP11-4	3.9e-05	0.00355%	0.0	1	0.00555	0.000681	0.000561	5.09e-05	0.00153%
OTU_6705	True	ZB2	3.88e-05	0.00353%	0.0	1	2.2e-05	0.00175	0.0047	4.95e-05	0.00149%
L1500	False	ZB2	3.88e-05	0.00353%	0.0	1	0.000362	0.0121	0.00608	0.000218	0.00656%
OTU_188	True	koll11	3.84e-05	0.00349%	0.0	1	0.00649	1.26e-07	0.0	8.53e-05	0.00256%
L1402	False	ZB2	3.84e-05	0.00349%	0.0	1	0.00258	0.05	0.0241	0.000119	0.00356%
L46	False	OD1	3.8e-05	0.00346%	0.0	1	0.0516	0.0943	0.046	0.000271	0.00812%
OTU_5604	True	OD1	3.8e-05	0.00346%	0.0	1	0.0152	0.00372	0.00013	2.7e-05	0.000811%
L93	False	ABY1	3.73e-05	0.00339%	0.0	1	0.019	0.00498	0.000915	3e-05	0.0009%
L646	False	koll11	3.72e-05	0.00339%	0.0	1	0.0221	0.00402	0.00514	4.29e-05	0.00129%
OTU_314	True	koll11	3.72e-05	0.00338%	0.0	1	0.0105	0.00165	0.00331	0.000109	0.00326%
OTU_6570	True	SM2F11	3.71e-05	0.00338%	0.0	1	0.00161	2.07e-05	1.05e-06	3.78e-05	0.00114%
L597	False	PRR-12	3.69e-05	0.00336%	0.0	1	0.00366	0.000242	9.13e-05	3.66e-05	0.0011%
L1855	False	OD1	3.64e-05	0.00331%	0.0	1	0.00683	0.00245	0.000404	4.29e-05	0.00129%
OTU_10771	True	OP11-3	3.62e-05	0.00329%	0.0	1	0.00135	0.0	0.0	7.88e-05	0.00236%
L1092	False	koll11	3.6e-05	0.00327%	0.0	1	0.00992	0.00186	0.00186	6.11e-05	0.00184%
L1444	False	ZB2	3.6e-05	0.00327%	0.0	1	0.00161	0.0172	0.0237	7.03e-05	0.00211%
L1255	False	TM7-1	3.59e-05	0.00327%	0.0	1	0.000115	0.0	0.00724	9.75e-05	0.00293%
L1459	False	ZB2	3.57e-05	0.00325%	0.0	1	0.0	0.000231	0.00178	9.48e-05	0.00285%
L300	False	ABY1	3.55e-05	0.00323%	0.0	1	0.000693	0.00986	0.00586	9.84e-05	0.00295%
L488	False	OP11-4	3.54e-05	0.00322%	0.0	1	0.00732	0.00153	0.000723	4.2e-05	0.00126%
L260	False	OD1	3.52e-05	0.0032%	0.0	1	0.0126	0.0134	0.00599	0.000417	0.0125%
L984	False	koll11	3.48e-05	0.00317%	0.0	1	0.00545	0.000735	0.000162	5.79e-05	0.00174%
L1426	False	OD1	3.48e-05	0.00316%	0.0	1	0.0244	0.0729	0.0965	0.000112	0.00337%
L359	False	OD1	3.46e-05	0.00315%	0.0	1	0.00615	0.00092	0.000213	4.8e-05	0.00144%
L811	False	OP3	3.44e-05	0.00313%	0.0	1	0.0392	0.00462	0.00556	2.65e-05	0.000795%
L140	False	ABY1	3.39e-05	0.00309%	0.0	1	0.0042	0.0169	0.0056	0.000236	0.00708%
OTU_7302	True	ABY1	3.39e-05	0.00309%	0.0	1	0.00417	0.000979	0.000116	6.8e-05	0.00204%
L803	False	OP3	3.39e-05	0.00308%	0.0	1	0.0463	0.00581	0.00741	2.77e-05	0.000831%
L585	False	PRR-12	3.37e-05	0.00307%	0.0	1	0.0119	0.00143	0.00065	3.73e-05	0.00112%
OTU_7971	True	OD1	3.34e-05	0.00304%	0.0	1	0.000898	0.000107	3.21e-05	6.7e-05	0.00201%
L1546	False	ZB2	3.31e-05	0.00301%	0.0	1	0.0212	0.00376	0.00178	3.44e-05	0.00103%
L1885	False	OD1	3.29e-05	0.003%	0.0	1	0.00372	0.000925	0.00018	3.82e-05	0.00115%
OTU_380	True	koll11	3.27e-05	0.00297%	0.0	1	0.00362	0.000575	3.23e-05	5.82e-05	0.00175%
L1230	False	Acetothermia	3.27e-05	0.00297%	0.0	1	0.000697	2.53e-05	0.0	7.07e-05	0.00212%
L1831	False	OD1	3.26e-05	0.00297%	0.0	1	0.0121	0.00558	0.00145	8.34e-05	0.0025%
L434	False	WCHB1-64	3.26e-05	0.00296%	0.0	1	0.000383	0.000126	0.00163	0.000134	0.00401%
OTU_7053	True	ABY1	3.16e-05	0.00288%	0.0	1	0.00485	0.000904	0.000188	6.15e-05	0.00184%
L624	False	PBS-25	3.12e-05	0.00284%	0.0	1	0.00612	0.00186	0.000355	3.88e-05	0.00117%
L1112	False	koll11	3.12e-05	0.00284%	0.0	1	0.0253	0.0041	0.00398	2.48e-05	0.000744%
OTU_186	True	koll11	3.12e-05	0.00284%	0.0	1	0.0219	0.00374	0.00248	2.45e-05	0.000735%
L1689	False	OD1	3.07e-05	0.00279%	0.0	1	0.00812	0.00137	0.000277	2.24e-05	0.000672%
L1677	False	OD1	3.06e-05	0.00279%	0.0	1	0.00342	0.000578	0.000289	6.28e-05	0.00188%
L1827	False	OD1	3.05e-05	0.00278%	0.0	1	0.0134	0.00636	0.00152	7.77e-05	0.00233%
L321	False	OD1	3.04e-05	0.00277%	0.0	1	0.0113	0.00192	0.000846	2.91e-05	0.000874%
L1027	False	koll11	3.04e-05	0.00277%	0.0	1	0.0441	0.00641	0.0141	2.8e-05	0.00084%
L1259	False	TM7-1	3.04e-05	0.00277%	0.0	1	0.0102	0.00135	0.000289	8.52e-05	0.00256%
L1720	False	Mb-NB09	3.03e-05	0.00276%	0.0	1	0.0065	0.00171	0.00076	7.03e-05	0.00211%
OTU_242	True	PBS-25	3.02e-05	0.00275%	0.0	1	0.0126	0.00123	0.000834	4.86e-05	0.00146%
L1335	False	ZB2	3.02e-05	0.00275%	0.0	1	0.00344	0.000828	0.000267	4.14e-05	0.00124%
L63	False	ABY1	3.02e-05	0.00274%	0.0	1	0.00431	0.0398	0.0173	9.43e-05	0.00283%

L192	False	ABY1	3.01e-05	0.00274%	0.0	1	0.0178	0.00554	0.00304	5.5e-05	0.00165%
L97	False	ABY1	3e-05	0.00273%	0.0	1	0.0114	0.00236	0.000344	2.72e-05	0.000816%
OTU_229	True	koll11	2.97e-05	0.0027%	0.0	1	0.00773	0.00108	0.000381	5.76e-05	0.00173%
OTU_7992	True	TM7-1	2.96e-05	0.0027%	0.0	1	2.45e-05	0.0103	0.00754	6.32e-05	0.0019%
OTU_83	True	Mb-NB09	2.95e-05	0.00269%	0.0	1	0.000562	0.000111	3.67e-05	7.12e-05	0.00214%
OTU_6978	True	ZB2	2.94e-05	0.00268%	0.0	1	0.00217	0.000205	2.37e-05	3.77e-05	0.00113%
L816	False	PBS-25	2.92e-05	0.00266%	0.0	1	0.0227	0.00265	0.00186	2.41e-05	0.000724%
OTU_183	True	koll11	2.92e-05	0.00265%	0.0	1	0.00758	0.00152	0.000571	6.17e-05	0.00185%
L1287	False	EW055	2.9e-05	0.00264%	0.0	1	0.000344	9.06e-07	0.0127	8.15e-05	0.00244%
L842	False	OP3	2.87e-05	0.00261%	0.0	1	0.0616	0.00686	0.00793	1.52e-05	0.000455%
L12	False	OD1	2.86e-05	0.0026%	0.0	1	0.00155	0.000939	5.45e-06	0.000101	0.00304%
L278	False	ABY1	2.84e-05	0.00258%	0.0	1	0.00308	0.00149	7.84e-05	7.49e-05	0.00225%
L649	False	koll11	2.83e-05	0.00258%	0.0	1	0.0218	0.00395	0.0049	3.28e-05	0.000986%
OTU_7002	True	ZB2	2.82e-05	0.00256%	0.0	1	0.00077	0.0	0.0	5.8e-05	0.00174%
OTU_172	True	PBS-25	2.82e-05	0.00256%	0.0	1	0.0125	0.00187	0.00787	0.000117	0.00351%
L1561	False	ZB2	2.81e-05	0.00256%	0.0	1	0.00489	0.000523	0.000233	4.48e-05	0.00134%
L822	False	PBS-25	2.81e-05	0.00256%	0.0	1	0.0216	0.00237	0.00186	2.32e-05	0.000696%
L1697	False	Mb-NB09	2.81e-05	0.00256%	0.0	1	0.000885	0.00015	4.37e-05	4.68e-05	0.00141%
L347	False	ABY1	2.79e-05	0.00254%	0.0	1	0.00447	0.000692	0.000222	3.82e-05	0.00115%
OTU_1080	True	koll11	2.79e-05	0.00254%	0.0	1	0.00842	0.000176	0.000609	3.99e-05	0.0012%
L30	False	OD1	2.79e-05	0.00254%	0.0	1	0.119	0.14	0.0781	0.000295	0.00886%
L1536	False	OD1	2.73e-05	0.00248%	0.0	1	0.00393	0.000265	0.000547	4.27e-05	0.00128%
OTU_1400	True	PBS-25	2.72e-05	0.00248%	0.0	1	0.014	0.00127	0.00101	2.99e-05	0.000897%
L233	False	ABY1	2.72e-05	0.00248%	0.0	1	0.00487	0.00129	0.000246	6.75e-05	0.00202%
L1413	False	ZB2	2.69e-05	0.00245%	0.0	1	0.000533	0.0245	0.0642	5.48e-05	0.00164%
OTU_303	True	koll11	2.68e-05	0.00244%	0.0	1	0.00936	0.00173	0.00159	4.8e-05	0.00144%
L1110	False	koll11	2.67e-05	0.00243%	0.0	1	0.0352	0.00481	0.00527	1.3e-05	0.00039%
L972	False	koll11	2.66e-05	0.00242%	0.0	1	0.186	0.0277	0.0362	9.58e-06	0.000288%
L1004	False	koll11	2.64e-05	0.0024%	0.0	1	0.141	0.0202	0.0307	1.08e-05	0.000323%
L391	False	ABY1	2.63e-05	0.0024%	0.0	1	0.00346	0.000153	0.000136	2.53e-05	0.000759%
L186	False	SM2F11	2.63e-05	0.00239%	0.0	1	0.00517	0.0011	0.000185	3.73e-05	0.00112%
OTU_8054	True	ABY1	2.62e-05	0.00239%	0.0	1	0.00128	0.000162	1.89e-05	6.07e-05	0.00182%
OTU_633	True	koll11	2.6e-05	0.00237%	0.0	1	0.0201	0.00197	0.00172	1.43e-05	0.00043%
L32	False	ABY1	2.58e-05	0.00235%	0.0	1	0.00131	2.41e-05	1.78e-05	3.43e-05	0.00103%
L1544	False	ZB2	2.58e-05	0.00234%	0.0	1	0.0217	0.00377	0.00179	2.59e-05	0.000779%
L1872	False	OD1	2.56e-05	0.00233%	0.0	1	0.00108	0.00135	5.3e-05	0.000108	0.00324%
L1640	False	ZB2	2.56e-05	0.00233%	0.0	1	6.26e-06	0.0018	0.00199	0.000183	0.00549%
L1806	False	OD1	2.55e-05	0.00232%	0.0	1	0.0122	0.00329	0.00048	3.83e-05	0.00115%
OTU_5705	True	OD1	2.55e-05	0.00232%	0.0	1	0.0105	0.0021	0.000981	4.69e-05	0.00141%
OTU_180	True	koll11	2.54e-05	0.00232%	0.0	1	0.00541	0.000699	0.000339	4.07e-05	0.00122%
L815	False	OP3	2.51e-05	0.00229%	0.0	1	0.0238	0.00268	0.00186	1.87e-05	0.000561%
L424	False	OP11	2.51e-05	0.00228%	0.0	1	0.00231	0.000816	0.00336	0.000182	0.00547%
L812	False	PBS-25	2.49e-05	0.00227%	0.0	1	0.0154	0.00195	0.0037	4.3e-05	0.00129%
L333	False	OD1	2.44e-05	0.00222%	0.0	1	0.00147	0.000345	5.45e-05	4.96e-05	0.00149%
L660	False	koll11	2.42e-05	0.0022%	0.0	1	0.00367	0.000779	0.000478	5.71e-05	0.00171%
OTU_6203	True	OD1	2.41e-05	0.0022%	0.0	1	5.84e-05	0.00862	0.00232	3.97e-05	0.00119%
L845	False	koll11	2.41e-05	0.00219%	0.0	1	0.0309	0.00412	0.00542	2.5e-05	0.00075%
L1167	False	koll11	2.41e-05	0.00219%	0.0	1	0.0106	0.00409	0.003	0.000103	0.00309%
L1716	False	Mb-NB09	2.39e-05	0.00218%	0.0	1	0.00232	0.000602	8.96e-05	6.33e-05	0.0019%
L1049	False	koll11	2.36e-05	0.00215%	0.0	1	0.00374	0.000575	3.23e-05	4e-05	0.0012%
OTU_5994	True	ZB2	2.36e-05	0.00214%	0.0	1	0.000403	0.0369	0.0185	6.8e-05	0.00204%
OTU_85	True	OD1	2.33e-05	0.00212%	0.0	1	0.000258	2.98e-05	0.0	6.78e-05	0.00204%
L1097	False	koll11	2.31e-05	0.0021%	0.0	1	0.00966	0.00172	0.00255	4.12e-05	0.00124%
L1177	False	koll11	2.31e-05	0.0021%	0.0	1	0.00868	0.00219	0.00101	3.89e-05	0.00117%
OTU_9009	True	Mb-NB09	2.31e-05	0.0021%	0.0	1	0.000847	5.62e-06	2.1e-05	5.81e-05	0.00174%
OTU_3932	True	SJA-4	2.29e-05	0.00209%	0.0	1	0.00144	0.0	0.0	5.33e-05	0.0016%
L1550	False	ZB2	2.29e-05	0.00209%	0.0	1	0.0187	0.00347	0.00167	2.67e-05	0.000802%
L1658	False	OD1	2.29e-05	0.00209%	0.0	1	0.00856	0.00316	0.00122	6.69e-05	0.00201%
OTU_297	True	koll11	2.29e-05	0.00208%	0.0	1	0.00756	0.000441	0.000215	4.18e-05	0.00125%
OTU_8240	True	ABY1	2.28e-05	0.00208%	0.0	1	0.00151	0.000241	0.000462	8.99e-05	0.0027%
OTU_2037	True	koll11	2.28e-05	0.00207%	0.0	1	0.00887	0.0012	0.000932	3.3e-05	0.00099%
OTU_10762	True	OP11-4	2.27e-05	0.00207%	0.0	1	0.00112	0.000204	1.44e-05	2.58e-05	0.000774%
L1712	False	Mb-NB09	2.26e-05	0.00206%	0.0	1	0.00333	0.000792	0.00014	4.48e-05	0.00134%
L165	False	ABY1	2.24e-05	0.00204%	0.0	1	0.00511	0.000484	4.5e-05	4.13e-05	0.00124%
L193	False	ABY1	2.22e-05	0.00202%	0.0	1	0.00628	0.00279	0.00181	9.6e-05	0.00288%

L92	False	ABY1	2.21e-05	0.00202%	0.0	1	0.0197	0.0055	0.000976	1.92e-05	0.000578%
OTU_9036	True	Mb-NB09	2.18e-05	0.00198%	0.0	1	0.000593	0.0	0.0	4.73e-05	0.00142%
OTU_6056	True	ABY1	2.17e-05	0.00197%	0.0	1	0.00458	0.000412	1.46e-05	4.38e-05	0.00131%
OTU_8751	True	OD1	2.16e-05	0.00197%	0.0	1	0.00308	0.000199	0.000588	4.04e-05	0.00121%
L419	False	Bacteria	2.16e-05	0.00196%	0.0	1	0.836	0.845	0.913	0.000164	0.00493%
L64	False	ABY1	2.15e-05	0.00196%	0.0	1	0.0043	0.0381	0.0144	7.14e-05	0.00214%
L1312	False	OD1	2.14e-05	0.00195%	0.0	1	0.000552	0.000107	0.0	5.26e-05	0.00158%
OTU_6006	True	OD1	2.14e-05	0.00194%	0.0	1	1.83e-05	0.0015	0.0	7.65e-05	0.0023%
L29	False	OD1	2.13e-05	0.00194%	0.0	1	0.137	0.142	0.0791	0.00019	0.00571%
L271	False	OD1	2.13e-05	0.00193%	0.0	1	0.00471	0.007	0.00301	0.000531	0.0159%
OTU_258	True	koll11	2.12e-05	0.00193%	0.0	1	0.00778	0.00194	0.000805	3.59e-05	0.00108%
OTU_8031	True	ABY1	2.11e-05	0.00192%	0.0	1	0.00406	0.00203	0.000331	5.32e-05	0.0016%
OTU_62	True	ZB2	2.1e-05	0.00191%	0.0	1	0.000179	0.0111	0.00605	0.000124	0.00371%
L1514	False	OD1	2.09e-05	0.00191%	0.0	1	0.00236	0.000168	0.00102	9.07e-05	0.00272%
OTU_8002	True	ABY1	2.07e-05	0.00189%	0.0	1	0.00119	1.69e-05	1.49e-05	4.51e-05	0.00135%
OTU_2281	True	koll11	2.06e-05	0.00188%	0.0	1	0.00253	8.61e-05	0.000278	3.56e-05	0.00107%
L1784	False	OD1	2.06e-05	0.00188%	0.0	1	0.00379	0.000639	0.000353	2.36e-05	0.000709%
OTU_689	True	koll11	2.05e-05	0.00187%	0.0	1	0.0038	0.00104	0.000831	4.19e-05	0.00126%
L528	False	TM6	2.04e-05	0.00186%	0.0	1	0.00643	0.00365	0.00278	0.000365	0.011%
OTU_4160	True	GIF10	2.04e-05	0.00185%	0.0	1	0.000693	3.56e-07	0.0	4.25e-05	0.00128%
L248	False	ABY1	2.03e-05	0.00185%	0.0	1	0.00564	0.00137	0.000155	2.73e-05	0.000821%
L1690	False	OD1	2.01e-05	0.00183%	0.0	1	0.00467	0.00056	0.000137	1.19e-05	0.000357%
L856	False	OP3	2.01e-05	0.00183%	0.0	1	0.0205	0.00214	0.00181	1.12e-05	0.000335%
OTU_6723	True	OD1	2e-05	0.00182%	0.0	1	6.32e-07	0.00104	0.00025	7.44e-05	0.00223%
L1512	False	OD1	1.99e-05	0.00182%	0.0	1	0.00656	0.00145	0.00446	9.97e-05	0.00299%
L1683	False	Mb-NB09	1.99e-05	0.00181%	0.0	1	0.00263	0.00082	5.39e-05	4.26e-05	0.00128%
OTU_6014	True	SM2F11	1.99e-05	0.00181%	0.0	1	0.00469	0.00101	0.000185	2.93e-05	0.00088%
OTU_8175	True	TM7-3	1.99e-05	0.00181%	0.0	1	1.5e-05	0.0	0.0103	5.02e-05	0.00151%
L4	False	ABY1	1.99e-05	0.00181%	0.0	1	0.00224	0.000634	0.000127	3.36e-05	0.00101%
OTU_49	True	OD1	1.98e-05	0.0018%	0.0	1	0.000262	1.92e-05	0.0	4.27e-05	0.00128%
L141	False	ABY1	1.97e-05	0.00179%	0.0	1	0.00175	0.0154	0.00536	9e-05	0.0027%
L1244	False	TM7-1	1.96e-05	0.00179%	0.0	1	0.0015	0.0106	0.0148	8.02e-05	0.00241%
OTU_7054	True	ABY1	1.96e-05	0.00178%	0.0	1	0.00326	0.000456	7.46e-05	2.59e-05	0.000776%
L175	False	SM2F11	1.93e-05	0.00176%	0.0	1	0.00161	0.000188	1.28e-05	2.89e-05	0.000867%
L1558	False	ZB2	1.93e-05	0.00176%	0.0	1	0.0133	0.00213	0.00112	2.08e-05	0.000624%
L403	False	ABY1	1.93e-05	0.00175%	0.0	1	0.0069	0.00283	0.000848	6.05e-05	0.00182%
OTU_4910	True	OD1	1.92e-05	0.00175%	0.0	1	0.000498	0.000218	0.000106	0.000167	0.00501%
L1456	False	ZB2	1.91e-05	0.00174%	0.0	1	0.000338	0.00463	0.00735	3.88e-05	0.00116%
OTU_6129	True	SM2F11	1.91e-05	0.00174%	0.0	1	0.00253	0.000568	2.44e-05	3.79e-05	0.00114%
L1261	False	TM7-1	1.89e-05	0.00172%	0.0	1	0.0102	0.000594	5.57e-05	3.93e-05	0.00118%
L297	False	ABY1	1.89e-05	0.00172%	0.0	1	0.000892	0.00999	0.00688	5.51e-05	0.00165%
L1336	False	ZB2	1.89e-05	0.00172%	0.0	1	0.00181	0.000132	9.32e-05	2.1e-05	0.000629%
L137	False	OD1	1.89e-05	0.00172%	0.0	1	0.008	0.0303	0.0164	0.00011	0.00329%
L323	False	OD1	1.87e-05	0.0017%	0.0	1	0.00479	0.000834	0.000142	2.11e-05	0.000633%
L94	False	ABY1	1.87e-05	0.0017%	0.0	1	0.0151	0.0043	0.000578	1.88e-05	0.000563%
L1104	False	koll11	1.86e-05	0.00169%	0.0	1	0.00723	7.61e-05	0.000316	4.31e-05	0.00129%
L725	False	PBS-25	1.86e-05	0.00169%	0.0	1	0.0277	0.00349	0.00486	2.83e-05	0.00085%
OTU_3387	True	PBS-25	1.85e-05	0.00169%	0.0	1	0.00163	0.0	0.0	5.16e-05	0.00155%
L1790	False	OD1	1.85e-05	0.00169%	0.0	1	0.00291	0.000443	0.00028	1.93e-05	0.000579%
L58	False	ABY1	1.85e-05	0.00168%	0.0	1	0.00665	0.0407	0.0175	6.98e-05	0.0021%
L322	False	OD1	1.84e-05	0.00168%	0.0	1	0.00485	0.000892	0.000149	2.13e-05	0.00064%
OTU_8035	True	OD1	1.83e-05	0.00167%	0.0	1	0.00144	0.000165	0.00038	8.32e-05	0.0025%
OTU_6576	True	ZB2	1.83e-05	0.00166%	0.0	1	0.000496	1.15e-05	0.0	2.66e-05	0.000799%
OTU_2093	True	GIF10	1.83e-05	0.00166%	0.0	1	0.00261	0.000361	0.00011	3.85e-05	0.00116%
L613	False	BD4-9	1.82e-05	0.00166%	0.0	1	0.000643	0.000132	0.0	5.5e-05	0.00165%
L485	False	OP11-4	1.82e-05	0.00166%	0.0	1	0.00169	0.000156	1.33e-05	2.37e-05	0.000712%
OTU_5431	True	OD1	1.82e-05	0.00166%	0.0	1	0.00055	2.4e-05	3.64e-06	3.57e-05	0.00107%
OTU_8044	True	WCHB1	1.82e-05	0.00165%	0.0	1	0.000531	1.53e-05	0.0	2.54e-05	0.000763%
L974	False	koll11	1.81e-05	0.00165%	0.0	1	0.00543	0.000817	0.000339	2.98e-05	0.000894%
L520	False	OP11-3	1.8e-05	0.00164%	0.0	1	0.00141	0.0	0.0	3.7e-05	0.00111%
OTU_270	True	koll11	1.8e-05	0.00164%	0.0	1	0.00125	1.74e-05	7.47e-06	2.9e-05	0.000871%
OTU_7950	True	ABY1	1.8e-05	0.00164%	0.0	1	0.00112	0.000191	0.000133	5.48e-05	0.00164%
L874	False	koll11	1.8e-05	0.00163%	0.0	1	0.0199	0.00567	0.00568	3.85e-05	0.00115%
L1793	False	OD1	1.8e-05	0.00163%	0.0	1	0.00176	0.000404	0.00026	3.8e-05	0.00114%

OTU_423	True	PBS-25	1.79e-05	0.00163%	0.0	1	0.0058	0.00185	0.000355	2.43e-05	0.000731%
OTU_9039	True	ABY1	1.79e-05	0.00163%	0.0	1	0.00096	8.9e-06	2.8e-06	3.07e-05	0.000921%
L1365	False	ZB2	1.78e-05	0.00162%	0.0	1	2.03e-06	0.00133	0.0013	6.54e-05	0.00196%
L1290	False	TM7-3	1.76e-05	0.0016%	0.0	1	0.0099	0.000291	0.00271	6.16e-05	0.00185%
OTU_949	True	koll11	1.76e-05	0.0016%	0.0	1	0.00466	0.000702	0.00014	2.72e-05	0.000816%
OTU_6683	True	ZB2	1.75e-05	0.00159%	0.0	1	0.000959	0.000139	6.15e-05	4.57e-05	0.00137%
OTU_36	True	PBS-25	1.75e-05	0.00159%	0.0	1	0.00285	0.000163	0.000189	4.25e-05	0.00127%
OTU_927	True	PRR-12	1.75e-05	0.00159%	0.0	1	0.00168	3.93e-05	1.25e-05	2.24e-05	0.000672%
L1533	False	OD1	1.74e-05	0.00159%	0.0	1	3.42e-06	0.000367	0.000957	4.93e-05	0.00148%
L992	False	koll11	1.74e-05	0.00158%	0.0	1	0.0103	0.00162	0.002	3.41e-05	0.00102%
OTU_7898	True	ABY1	1.73e-05	0.00158%	0.0	1	1.39e-05	0.00206	0.00203	6.61e-05	0.00198%
L393	False	ABY1	1.73e-05	0.00158%	0.0	1	0.00322	0.000134	0.000136	1.66e-05	0.000497%
L1509	False	OD1	1.72e-05	0.00157%	0.0	1	0.00859	0.00246	0.00461	7.8e-05	0.00234%
OTU_216	True	koll11	1.72e-05	0.00157%	0.0	1	0.00864	0.00155	0.00232	3.67e-05	0.0011%
OTU_8186	True	OD1	1.72e-05	0.00156%	0.0	1	0.00169	7.06e-07	2.8e-06	3.82e-05	0.00115%
L595	False	PRR-12	1.71e-05	0.00156%	0.0	1	0.00387	0.000242	9.13e-05	1.6e-05	0.00048%
L5	False	ABY1	1.69e-05	0.00154%	0.0	1	0.000863	4.87e-05	0.000119	2.52e-05	0.000755%
OTU_7450	True	ABY1	1.69e-05	0.00154%	0.0	1	0.00294	0.000573	0.000137	2.85e-05	0.000856%
L1146	False	koll11	1.69e-05	0.00154%	0.0	1	0.00825	0.000955	0.00105	4e-05	0.0012%
OTU_8065	True	ABY1	1.68e-05	0.00153%	0.0	1	3.16e-06	0.000535	0.0	4.38e-05	0.00132%
OTU_214	True	PBS-25	1.68e-05	0.00153%	0.0	1	0.00584	0.00088	0.00142	4.29e-05	0.00129%
L1592	False	OD1	1.68e-05	0.00153%	0.0	1	0.00167	0.00918	0.00373	7.81e-05	0.00234%
OTU_8251	True	Mb-NB09	1.67e-05	0.00152%	0.0	1	0.00232	0.000444	7.99e-05	4.03e-05	0.00121%
OTU_2374	True	koll11	1.67e-05	0.00152%	0.0	1	0.000891	2.06e-06	4.88e-07	3.2e-05	0.000961%
L1511	False	OD1	1.66e-05	0.00152%	0.0	1	0.00859	0.00211	0.00454	6.66e-05	0.002%
OTU_8134	True	ZB2	1.66e-05	0.00151%	0.0	1	0.000484	0.0	0.0	3.48e-05	0.00104%
L261	False	OD1	1.66e-05	0.00151%	0.0	1	0.0125	0.0117	0.00496	0.000164	0.00493%
L1597	False	OD1	1.66e-05	0.00151%	0.0	1	0.000205	0.00872	0.00274	3.12e-05	0.000936%
L1771	False	OD1	1.66e-05	0.00151%	0.0	1	0.00133	0.000285	5.7e-05	4.5e-05	0.00135%
L1798	False	OD1	1.65e-05	0.0015%	0.0	1	0.0134	0.00331	0.00051	2.24e-05	0.000674%
L523	False	OP11	1.65e-05	0.0015%	0.0	1	0.000827	0.000415	8.63e-06	6.67e-05	0.002%
L1157	False	koll11	1.64e-05	0.0015%	0.0	1	0.00606	0.000872	0.00466	9.22e-05	0.00277%
OTU_10738	True	OP11-3	1.64e-05	0.00149%	0.0	1	0.000411	7.06e-06	5.29e-07	4.02e-05	0.00121%
OTU_6571	True	ZB2	1.64e-05	0.00149%	0.0	1	0.00203	0.0	5.92e-05	2.31e-05	0.000693%
L76	False	ABY1	1.64e-05	0.00149%	0.0	1	0.00195	0.000689	6.24e-05	5.12e-05	0.00154%
L405	False	ABY1	1.64e-05	0.00149%	0.0	1	0.00624	0.0023	0.000746	5.14e-05	0.00154%
L482	False	OP11-4	1.63e-05	0.00149%	0.0	1	0.00921	0.00175	0.000739	1.41e-05	0.000423%
L1080	False	koll11	1.63e-05	0.00149%	0.0	1	0.0085	0.000739	0.000316	2.87e-05	0.00086%
L1523	False	ZB2	1.63e-05	0.00148%	0.0	1	0.00191	0.000663	7.98e-05	3.68e-05	0.0011%
OTU_7120	True	ABY1	1.62e-05	0.00147%	0.0	1	0.00226	0.000889	9.59e-05	4.7e-05	0.00141%
L99	False	ABY1	1.61e-05	0.00147%	0.0	1	0.00965	0.00166	0.000249	1.76e-05	0.000528%
OTU_6061	True	ZB2	1.61e-05	0.00146%	0.0	1	2.54e-05	0.00154	9.63e-05	3.82e-05	0.00115%
L1786	False	OD1	1.6e-05	0.00146%	0.0	1	0.0036	0.000443	0.000295	1.58e-05	0.000475%
L1018	False	koll11	1.59e-05	0.00145%	0.0	1	0.0119	0.00196	0.00183	3.1e-05	0.000931%
L1254	False	TM7-1	1.59e-05	0.00145%	0.0	1	0.000307	3.44e-06	0.00727	4.62e-05	0.00139%
L1178	False	koll11	1.59e-05	0.00145%	0.0	1	0.00578	0.000586	0.000364	1.51e-05	0.000452%
L868	False	koll11	1.58e-05	0.00144%	0.0	1	0.0207	0.0057	0.00569	3.11e-05	0.000932%
L1662	False	OD1	1.58e-05	0.00144%	0.0	1	0.00967	0.00245	0.000611	2.45e-05	0.000737%
L864	False	koll11	1.57e-05	0.00143%	0.0	1	0.0212	0.00575	0.00584	2.92e-05	0.000876%
OTU_7263	True	ABY1	1.57e-05	0.00143%	0.0	1	0.0035	0.000588	0.000155	1.39e-05	0.000416%
OTU_400	True	koll11	1.57e-05	0.00143%	0.0	1	0.00145	0.000117	0.000248	4.77e-05	0.00143%
L309	False	ABY1	1.56e-05	0.00142%	0.0	1	3.1e-05	0.0037	0.00312	2.78e-05	0.000835%
L59	False	ABY1	1.56e-05	0.00142%	0.0	1	0.00469	0.04	0.0174	5.02e-05	0.00151%
L994	False	koll11	1.56e-05	0.00142%	0.0	1	0.0102	0.00161	0.00199	3.09e-05	0.000927%
OTU_261	True	koll11	1.54e-05	0.0014%	0.0	1	0.00135	0.000108	0.0	3.29e-05	0.000989%
L1865	False	OD1	1.53e-05	0.00139%	0.0	1	0.00142	0.000153	0.000152	2.09e-05	0.000628%
OTU_8038	True	ABY1	1.53e-05	0.00139%	0.0	1	0.000825	6.38e-06	1.05e-06	3.04e-05	0.000912%
L1117	False	koll11	1.52e-05	0.00139%	0.0	1	0.00545	0.00041	0.00094	1.68e-05	0.000506%
L1528	False	OD1	1.52e-05	0.00138%	0.0	1	0.00477	0.000976	0.00166	4.07e-05	0.00122%
L1111	False	koll11	1.52e-05	0.00138%	0.0	1	0.0308	0.00451	0.00492	8.13e-06	0.000244%
L174	False	SM2F11	1.51e-05	0.00137%	0.0	1	0.00211	0.000415	0.000198	2.5e-05	0.00075%
L730	False	PBS-25	1.5e-05	0.00137%	0.0	1	0.0071	0.000872	0.00263	5.43e-05	0.00163%
L1714	False	Mb-NB09	1.5e-05	0.00137%	0.0	1	0.0028	0.000608	0.000108	3.17e-05	0.000951%
L211	False	ABY1	1.5e-05	0.00136%	0.0	1	0.00104	8.14e-06	1.77e-05	2.41e-05	0.000725%
L851	False	koll11	1.49e-05	0.00136%	0.0	1	0.0216	0.00298	0.00169	1.02e-05	0.000306%

L1572	False	ZB2	1.49e-05	0.00136%	0.0	1	0.00163	0.00033	0.00048	4.87e-05	0.00146%
L1056	False	koll11	1.49e-05	0.00136%	0.0	1	0.00362	0.000407	0.00059	2.65e-05	0.000796%
L96	False	ABY1	1.48e-05	0.00135%	0.0	1	0.0123	0.00262	0.000419	1.27e-05	0.000382%
OTU_358	True	koll11	1.48e-05	0.00135%	0.0	1	0.00123	6.38e-05	0.000534	5.81e-05	0.00174%
L1836	False	OD1	1.48e-05	0.00134%	0.0	1	0.00193	0.000563	0.000673	0.000123	0.00369%
L308	False	ABY1	1.48e-05	0.00134%	0.0	1	3.54e-05	0.00392	0.00334	2.7e-05	0.00081%
L262	False	OD1	1.47e-05	0.00134%	0.0	1	0.00776	0.00371	0.0017	5.54e-05	0.00166%
OTU_8776	True	Mb-NB09	1.47e-05	0.00134%	0.0	1	0.00242	0.00072	2.35e-05	3.28e-05	0.000986%
L535	False	SBRH58	1.47e-05	0.00134%	0.0	1	0.00138	0.000314	9.14e-05	5.82e-05	0.00175%
OTU_7995	True	ABY1	1.47e-05	0.00133%	0.0	1	6.32e-07	0.000326	0.00117	5.5e-05	0.00165%
L183	False	SM2F11	1.46e-05	0.00133%	0.0	1	0.00793	0.00167	0.000235	1.29e-05	0.000386%
OTU_32	True	Mb-NB09	1.46e-05	0.00133%	0.0	1	0.000323	3.89e-05	7e-06	3.17e-05	0.000951%
L1692	False	OD1	1.44e-05	0.00131%	0.0	1	0.00321	0.000401	8.26e-05	1.14e-05	0.000342%
OTU_6635	True	OD1	1.44e-05	0.00131%	0.0	1	0.00075	4.43e-06	2.97e-06	1.66e-05	0.000497%
L116	False	OD1	1.44e-05	0.00131%	0.0	1	0.0134	0.0409	0.0242	7.74e-05	0.00232%
L483	False	OP11-4	1.44e-05	0.00131%	0.0	1	0.0019	0.000225	1.57e-05	1.9e-05	0.000569%
OTU_7179	True	OD1	1.43e-05	0.0013%	0.0	1	0.000374	0.000216	0.0	7.3e-05	0.00219%
L1778	False	OD1	1.43e-05	0.0013%	0.0	1	0.000869	4.43e-06	2.97e-06	1.33e-05	0.000399%
OTU_9001	True	ABY1	1.43e-05	0.0013%	0.0	1	0.000974	3.77e-05	1.38e-05	3.24e-05	0.000972%
OTU_6780	True	ZB2	1.42e-05	0.0013%	0.0	1	0.0042	0.00128	0.00345	0.00012	0.00361%
L1306	False	OD1	1.42e-05	0.00129%	0.0	1	0.00603	0.000526	0.000664	2.05e-05	0.000615%
OTU_10749	True	OP11-4	1.41e-05	0.00129%	0.0	1	0.0127	0.00319	0.00164	3.98e-05	0.00119%
L1356	False	ZB2	1.4e-05	0.00128%	0.0	1	0.00115	0.000128	7.77e-06	2.51e-05	0.000753%
L1463	False	ZB2	1.39e-05	0.00126%	0.0	1	0.000276	0.00386	0.0055	3.08e-05	0.000923%
L80	False	OD1	1.38e-05	0.00126%	0.0	1	0.0358	0.0501	0.0264	0.000159	0.00477%
L1457	False	ZB2	1.38e-05	0.00125%	0.0	1	0.0	0.000234	0.00185	3.44e-05	0.00103%
L1125	False	koll11	1.38e-05	0.00125%	0.0	1	0.00299	0.000183	9.89e-05	2.4e-05	0.000721%
L514	False	OP11-3	1.37e-05	0.00125%	0.0	1	0.00211	0.000407	5.68e-05	4.03e-05	0.00121%
L346	False	ABY1	1.37e-05	0.00124%	0.0	1	0.00598	0.000934	0.000684	2.25e-05	0.000675%
L489	False	OP11-4	1.36e-05	0.00124%	0.0	1	0.0059	0.00116	0.000652	2.22e-05	0.000667%
L226	False	ABY1	1.36e-05	0.00124%	0.0	1	0.00105	7.76e-05	0.0	2.82e-05	0.000846%
L251	False	ABY1	1.35e-05	0.00123%	0.0	1	0.00477	0.00121	0.000155	2.29e-05	0.000687%
OTU_7952	True	ABY1	1.35e-05	0.00123%	0.0	1	0.000662	0.0	7.1e-07	2.16e-05	0.000648%
L1684	False	Mb-NB09	1.35e-05	0.00123%	0.0	1	0.0025	0.00072	2.94e-05	2.86e-05	0.000859%
OTU_994	True	[Acetothermia]	1.34e-05	0.00122%	0.0	1	0.000346	0.0	0.0	3.44e-05	0.00103%
L129	False	ABY1	1.34e-05	0.00122%	0.0	1	0.00137	0.000162	1.89e-05	2.8e-05	0.00084%
L737	False	PBS-25	1.33e-05	0.00121%	0.0	1	0.0147	0.00141	0.00181	2.35e-05	0.000704%
L1197	False	koll11	1.33e-05	0.00121%	0.0	1	0.00197	0.0009	0.000184	4.21e-05	0.00126%
OTU_8074	True	ABY1	1.32e-05	0.0012%	0.0	1	0.000111	0.00236	0.00212	4.32e-05	0.0013%
OTU_567	True	koll11	1.32e-05	0.0012%	0.0	1	0.00102	2.62e-05	0.0	2.72e-05	0.000816%
L444	False	OP11-4	1.31e-05	0.0012%	0.0	1	0.00131	0.00017	0.00102	7.51e-05	0.00225%
OTU_8250	True	ABY1	1.31e-05	0.00119%	0.0	1	0.00151	0.000689	6.24e-05	5.02e-05	0.00151%
L1857	False	OD1	1.31e-05	0.00119%	0.0	1	0.000525	2.05e-05	1.85e-05	1.97e-05	0.00059%
OTU_419	True	koll11	1.3e-05	0.00119%	0.0	1	0.00112	1.5e-05	0.0	2.43e-05	0.000728%
OTU_6177	True	OD1	1.3e-05	0.00118%	0.0	1	0.000576	0.000145	0.0	2.67e-05	0.000801%
OTU_7223	True	ABY1	1.29e-05	0.00118%	0.0	1	0.000646	0.000495	7.6e-06	3.68e-05	0.0011%
L79	False	OD1	1.29e-05	0.00118%	0.0	1	0.0358	0.0521	0.0284	0.000156	0.00467%
OTU_7045	True	ABY1	1.29e-05	0.00117%	0.0	1	6.13e-05	0.0151	0.00517	3.26e-05	0.00098%
L264	False	OD1	1.29e-05	0.00117%	0.0	1	0.0037	0.00167	0.00137	0.000116	0.00349%
L101	False	ABY1	1.29e-05	0.00117%	0.0	1	0.00914	0.0014	0.000244	1.37e-05	0.000412%
OTU_6084	True	ZB2	1.27e-05	0.00116%	0.0	1	3.26e-05	0.0034	0.00132	3.45e-05	0.00104%
OTU_6663	True	ZB2	1.27e-05	0.00116%	0.0	1	0.00171	0.00144	7.1e-05	6.22e-05	0.00187%
OTU_2490	True	koll11	1.27e-05	0.00116%	0.0	1	0.00519	0.000408	0.00285	5.79e-05	0.00174%
L802	False	OP3	1.26e-05	0.00115%	0.0	1	0.0517	0.00638	0.00815	9.68e-06	0.00029%
L370	False	OD1	1.26e-05	0.00115%	0.0	1	0.00185	0.000261	0.000307	2.92e-05	0.000877%
L995	False	koll11	1.26e-05	0.00115%	0.0	1	0.00827	0.00157	0.00197	3.01e-05	0.000904%
OTU_6502	True	WCHB1-64	1.25e-05	0.00114%	0.0	1	3.29e-05	0.000317	0.000965	4.58e-05	0.00138%
OTU_2352	True	SJA-4	1.25e-05	0.00114%	0.0	1	0.0007	0.0	0.0	2.57e-05	0.000772%
OTU_10764	True	OP11-4	1.24e-05	0.00113%	0.0	1	0.0045	0.000969	0.000471	2.59e-05	0.000776%
OTU_9054	True	ABY1	1.24e-05	0.00113%	0.0	1	0.000195	0.0	0.000704	5.98e-05	0.0018%
OTU_6086	True	ZB2	1.24e-05	0.00112%	0.0	1	0.000591	8.86e-06	1.57e-05	2.71e-05	0.000814%
OTU_6232	True	ZB2	1.23e-05	0.00112%	0.0	1	6.96e-05	0.000973	0.00415	4.31e-05	0.00129%
L1862	False	OD1	1.23e-05	0.00112%	0.0	1	0.00258	0.0015	0.000205	3.16e-05	0.000948%
OTU_5846	True	OD1	1.23e-05	0.00112%	0.0	1	0.0	0.000868	0.0	3.72e-05	0.00112%
L531	False	TM6	1.22e-05	0.00111%	0.0	1	0.000164	0.00191	0.000134	6.72e-05	0.00202%

OTU_8007	True	ABY1	1.21e-05	0.0011%	0.0	1	0.000849	1.01e-05	0.0	2.65e-05	0.000794%
L1019	False	koll11	1.21e-05	0.0011%	0.0	1	0.00803	0.00111	0.000381	2.21e-05	0.000662%
L136	False	OD1	1.2e-05	0.00109%	0.0	1	0.00807	0.0303	0.0164	7.05e-05	0.00211%
OTU_5425	True	OD1	1.19e-05	0.00108%	0.0	1	0.00196	0.000254	2.48e-05	1.61e-05	0.000484%
OTU_7967	True	ABY1	1.19e-05	0.00108%	0.0	1	0.00247	0.00148	2.85e-05	3.99e-05	0.0012%
OTU_7951	True	ABY1	1.19e-05	0.00108%	0.0	1	0.00113	0.000779	0.0	5.33e-05	0.0016%
OTU_1554	True	PBS-25	1.18e-05	0.00108%	0.0	1	0.000837	0.0	0.0	1.55e-05	0.000465%
L1696	False	Mb-NB09	1.18e-05	0.00107%	0.0	1	0.000955	0.000151	4.65e-05	1.87e-05	0.000562%
L991	False	koll11	1.18e-05	0.00107%	0.0	1	0.0119	0.00216	0.0028	2.21e-05	0.000663%
L1147	False	koll11	1.18e-05	0.00107%	0.0	1	0.00754	0.000664	0.0009	2.81e-05	0.000843%
L417	False	Bacteria	1.17e-05	0.00107%	0.0	1	0.837	0.845	0.913	8.98e-05	0.00269%
OTU_7990	True	ABY1	1.17e-05	0.00107%	0.0	1	0.000735	9.02e-05	0.0	2.4e-05	0.000719%
OTU_4950	True	[Acetothermia]	1.17e-05	0.00107%	0.0	1	0.00035	2.53e-05	0.0	2.51e-05	0.000753%
L1856	False	OD1	1.17e-05	0.00106%	0.0	1	0.00311	0.00152	0.000224	2.37e-05	0.000711%
L1824	False	OD1	1.16e-05	0.00106%	0.0	1	0.00121	0.000196	0.000159	4.02e-05	0.00121%
L1084	False	koll11	1.15e-05	0.00105%	0.0	1	0.00813	0.000691	0.000283	2.08e-05	0.000625%
L1629	False	ZB2	1.15e-05	0.00104%	0.0	1	0.00444	0.00259	0.00139	0.000111	0.00332%
L1892	False	OD1	1.15e-05	0.00104%	0.0	1	0.00207	0.000738	0.00015	2.82e-05	0.000845%
L1611	False	ZB2	1.14e-05	0.00104%	0.0	1	0.00169	9.1e-05	8.5e-05	1.54e-05	0.000463%
OTU_7373	True	OD1	1.13e-05	0.00103%	0.0	1	0.000859	0.000297	0.000228	6.2e-05	0.00186%
L380	False	OD1	1.13e-05	0.00103%	0.0	1	0.000845	3.53e-05	7.74e-05	2.31e-05	0.000694%
OTU_323	True	koll11	1.11e-05	0.00101%	0.0	1	0.00147	0.000133	3.25e-05	2.02e-05	0.000606%
L877	False	koll11	1.11e-05	0.00101%	0.0	1	0.0198	0.00479	0.00566	2.05e-05	0.000616%
L1502	False	ZB2	1.09e-05	0.000994%	0.0	1	0.000183	0.00103	3.27e-05	4.76e-05	0.00143%
OTU_292	True	PBS-25	1.09e-05	0.000992%	0.0	1	0.00657	0.000653	0.000654	2.07e-05	0.00062%
OTU_6667	True	ABY1	1.09e-05	0.00099%	0.0	1	0.000245	0.0312	0.00884	2.24e-05	0.000671%
L1894	False	OD1	1.09e-05	0.000989%	0.0	1	0.00192	0.000688	0.000136	2.74e-05	0.000821%
L1245	False	TM7-1	1.08e-05	0.000979%	0.0	1	0.000896	0.0105	0.00755	3.69e-05	0.00111%
L1012	False	koll11	1.08e-05	0.000979%	0.0	1	0.0347	0.00644	0.00654	1.1e-05	0.00033%
OTU_6170	True	ZB2	1.07e-05	0.000977%	0.0	1	0.000641	5.1e-05	0.0	1.84e-05	0.000552%
L714	False	PBS-25	1.07e-05	0.00097%	0.0	1	0.0127	0.00187	0.00787	4.37e-05	0.00131%
OTU_1087	True	OP3	1.06e-05	0.000968%	0.0	1	0.000462	0.0	3.89e-06	2.05e-05	0.000615%
L126	False	OD1	1.06e-05	0.000967%	0.0	1	0.0124	0.0311	0.0167	0.000103	0.0031%
OTU_9123	True	ABY1	1.06e-05	0.000965%	0.0	1	0.00174	0.000229	1.96e-05	4.37e-05	0.00131%
OTU_8179	True	EW055	1.05e-05	0.000954%	0.0	1	0.000341	9.06e-07	0.0124	2.95e-05	0.000885%
L589	False	PRR-12	1.04e-05	0.000948%	0.0	1	0.01	0.00137	0.000637	1.32e-05	0.000397%
L607	False	PRR-12	1.04e-05	0.000944%	0.0	1	0.00298	0.000341	2.96e-06	1.74e-05	0.000523%
L119	False	ABY1	1.04e-05	0.000943%	0.0	1	0.00101	0.00948	0.00624	4.18e-05	0.00125%
L1238	False	TM7	1.03e-05	0.000934%	0.0	1	0.0131	0.0122	0.021	0.000412	0.0124%
L1591	False	OD1	1.02e-05	0.000932%	0.0	1	0.00167	0.00918	0.00397	4.86e-05	0.00146%
L961	False	koll11	1.02e-05	0.00093%	0.0	1	0.0244	0.00282	0.00183	1.01e-05	0.000304%
OTU_205	True	koll11	1.02e-05	0.000925%	0.0	1	0.00578	0.000965	0.000283	1.39e-05	0.000417%
OTU_327	True	koll11	1.01e-05	0.000923%	0.0	1	0.00116	5.37e-05	0.0	2e-05	0.000601%
OTU_8135	True	EW055	1.01e-05	0.000917%	0.0	1	0.00202	0.000186	0.0	3.1e-05	0.000929%
OTU_259	True	PBS-25	1e-05	0.000912%	0.0	1	0.00543	0.000569	0.000748	2.28e-05	0.000684%
OTU_7164	True	ABY1	1e-05	0.000912%	0.0	1	0.000251	0.0	0.0	2.56e-05	0.000769%
OTU_8072	True	ABY1	9.99e-06	0.00091%	0.0	1	0.000657	0.000534	0.000102	7.75e-05	0.00233%
OTU_8948	True	TM7	9.98e-06	0.000909%	0.0	1	0.000549	6.72e-05	2.84e-05	3.02e-05	0.000906%
L1905	False	OD1	9.95e-06	0.000906%	0.0	1	0.0012	9.83e-05	8.77e-06	1.27e-05	0.000382%
L326	False	ABY1	9.93e-06	0.000904%	0.0	1	0.000947	0.000362	8.68e-05	4.12e-05	0.00124%
L1472	False	ZB2	9.91e-06	0.000902%	0.0	1	0.00423	0.00172	0.000902	3.3e-05	0.00099%
L274	False	ABY1	9.89e-06	0.0009%	0.0	1	0.000183	0.0017	0.00103	4.86e-05	0.00146%
L752	False	PBS-25	9.85e-06	0.000897%	0.0	1	0.00663	0.000457	0.0025	2.68e-05	0.000803%
OTU_201	True	OD1	9.78e-06	0.00089%	0.0	1	0.00023	0.0	6.91e-06	2.25e-05	0.000674%
OTU_6073	True	ZB2	9.74e-06	0.000886%	0.0	1	5.9e-05	0.00487	0.00399	5.55e-05	0.00167%
OTU_5635	True	OD1	9.74e-06	0.000886%	0.0	1	0.000331	0.0	3.85e-06	2.08e-05	0.000624%
OTU_409	True	koll11	9.73e-06	0.000886%	0.0	1	0.00115	2.48e-05	0.0	2.3e-05	0.00069%
L1352	False	OD1	9.72e-06	0.000885%	0.0	1	0.00277	0.00146	0.000925	0.000105	0.00316%
L437	False	OP11	9.69e-06	0.000882%	0.0	1	0.0008	1.58e-05	0.0	1.08e-05	0.000324%
L654	False	koll11	9.64e-06	0.000877%	0.0	1	0.0207	0.00312	0.00473	9.87e-06	0.000296%
L1838	False	OD1	9.61e-06	0.000875%	0.0	1	0.00184	0.000545	0.000276	5.11e-05	0.00153%
L1044	False	koll11	9.61e-06	0.000874%	0.0	1	0.0131	0.00219	0.00636	3.03e-05	0.000908%
L1608	False	ZB2	9.6e-06	0.000874%	0.0	1	0.00232	0.000218	0.000194	1.36e-05	0.000408%
OTU_437	True	PBS-25	9.57e-06	0.000872%	0.0	1	0.000988	0.0	1.4e-05	1.98e-05	0.000593%

OTU_10801	True	OP11-4	9.52e-06	0.000866%	0.0	1	0.0014	0.00019	0.000181	1.67e-05	0.000502%
L328	False	ABY1	9.51e-06	0.000866%	0.0	1	0.000947	0.000133	8.13e-05	2.25e-05	0.000677%
OTU_2622	True	SJA-4	9.45e-06	0.00086%	0.0	1	0.0	0.0	0.000762	2.44e-05	0.000732%
L979	False	koll11	9.45e-06	0.00086%	0.0	1	0.00336	0.000681	0.000447	2.02e-05	0.000605%
OTU_7941	True	ABY1	9.42e-06	0.000857%	0.0	1	0.000849	1.11e-05	2.91e-05	1.41e-05	0.000423%
L1037	False	koll11	9.41e-06	0.000857%	0.0	1	0.00833	0.00134	0.00481	3e-05	0.0009%
L862	False	koll11	9.41e-06	0.000856%	0.0	1	0.0259	0.00645	0.00598	1.22e-05	0.000366%
OTU_8016	True	TM7-3	9.34e-06	0.00085%	0.0	1	0.0	2.57e-05	0.000628	2.81e-05	0.000844%
OTU_7840	True	ABY1	9.32e-06	0.000849%	0.0	1	0.00215	0.000177	0.000122	1.65e-05	0.000494%
OTU_8182	True	EW055	9.3e-06	0.000846%	0.0	1	0.0	0.0	0.00262	2.37e-05	0.000712%
L1262	False	TM7-1	9.28e-06	0.000845%	0.0	1	0.00204	0.000594	5.57e-05	1.96e-05	0.000589%
L854	False	OP3	9.25e-06	0.000842%	0.0	1	0.0223	0.00257	0.0019	4.93e-06	0.000148%
OTU_12	True	ZB2	9.24e-06	0.000841%	0.0	1	0.00132	0.000136	0.000109	1.16e-05	0.000347%
OTU_276	True	koll11	9.2e-06	0.000837%	0.0	1	0.00221	0.000101	7.04e-05	1.65e-05	0.000496%
L627	False	PBS-25	8.96e-06	0.000815%	0.0	1	0.0062	0.000215	7.94e-05	9.16e-06	0.000275%
L1816	False	OD1	8.94e-06	0.000813%	0.0	1	0.000408	0.000498	8.26e-06	5.54e-05	0.00166%
L188	False	SM2F11	8.93e-06	0.000813%	0.0	1	0.00494	0.0011	0.000185	1.31e-05	0.000392%
L677	False	koll11	8.93e-06	0.000813%	0.0	1	0.00673	0.000363	0.000709	2.12e-05	0.000636%
L1610	False	ZB2	8.93e-06	0.000813%	0.0	1	0.00218	0.000109	0.000131	1.17e-05	0.000352%
L634	False	PBS-25	8.81e-06	0.000801%	0.0	1	0.00267	0.000128	8.32e-06	1.44e-05	0.000432%
OTU_7166	True	ABY1	8.79e-06	0.0008%	0.0	1	0.000677	0.0	0.0	1.88e-05	0.000563%
OTU_8910	True	TM7-1	8.78e-06	0.000799%	0.0	1	0.000421	0.0	0.0	1.61e-05	0.000485%
L1799	False	OD1	8.76e-06	0.000797%	0.0	1	0.00121	1.94e-05	3e-05	8.32e-06	0.00025%
OTU_217	True	koll11	8.74e-06	0.000796%	0.0	1	0.0066	0.0013	0.00455	4.19e-05	0.00126%
L1249	False	TM7-1	8.69e-06	0.000791%	0.0	1	0.000872	6.32e-05	3.14e-06	9.08e-06	0.000272%
L1711	False	OD1	8.68e-06	0.00079%	0.0	1	0.00345	0.000807	0.00014	1.56e-05	0.00047%
L1532	False	OD1	8.67e-06	0.000789%	0.0	1	0.00393	0.000632	0.0015	2.51e-05	0.000752%
L773	False	PBS-25	8.66e-06	0.000788%	0.0	1	0.00257	0.000217	0.00032	2.66e-05	0.000797%
OTU_7192	True	ZB2	8.62e-06	0.000784%	0.0	1	0.0	0.0	0.00067	2.22e-05	0.000666%
OTU_9132	True	TM7	8.59e-06	0.000782%	0.0	1	0.00063	0.0	0.0	1.82e-05	0.000545%
L1096	False	koll11	8.59e-06	0.000782%	0.0	1	0.0111	0.00192	0.00312	1.37e-05	0.000411%
L425	False	OP11	8.57e-06	0.00078%	0.0	1	0.00231	0.000816	0.00336	6.22e-05	0.00187%
OTU_247	True	koll11	8.56e-06	0.000779%	0.0	1	0.0035	0.000891	0.00383	8.77e-05	0.00263%
L84	False	ABY1	8.55e-06	0.000778%	0.0	1	0.00144	0.000297	0.0	1.82e-05	0.000545%
L1039	False	koll11	8.52e-06	0.000775%	0.0	1	0.00708	0.00132	0.00481	3.67e-05	0.0011%
OTU_9845	True	SC3	8.46e-06	0.00077%	0.0	1	0.000424	0.0	0.0	1.61e-05	0.000484%
L1144	False	koll11	8.45e-06	0.000769%	0.0	1	0.00825	0.00106	0.00105	2.05e-05	0.000615%
OTU_6586	True	OD1	8.38e-06	0.000762%	0.0	1	0.0016	0.000493	0.000251	5.32e-05	0.0016%
OTU_6179	True	ZB2	8.36e-06	0.000761%	0.0	1	0.000454	1.18e-05	7.5e-06	1.08e-05	0.000323%
L1722	False	Mb-NB09	8.36e-06	0.000761%	0.0	1	0.00387	0.00161	0.00076	3.1e-05	0.000929%
L1055	False	koll11	8.36e-06	0.000761%	0.0	1	0.00403	0.000442	0.000611	1.37e-05	0.00041%
OTU_8127	True	ABY1	8.32e-06	0.000757%	0.0	1	0.0	3.32e-05	0.000588	1.5e-05	0.000449%
OTU_2335	True	SBRH58	8.28e-06	0.000753%	0.0	1	0.00108	0.000314	9.13e-05	4.73e-05	0.00142%
L1559	False	ZB2	8.27e-06	0.000753%	0.0	1	0.00821	0.000925	0.000379	1.22e-05	0.000367%
L8	False	ABY1	8.26e-06	0.000752%	0.0	1	0.00138	0.000585	7.6e-06	1.9e-05	0.000571%
L113	False	ABY1	8.26e-06	0.000752%	0.0	1	1.99e-05	0.00233	0.00126	1.93e-05	0.00058%
OTU_8196	True	TM7-3	8.21e-06	0.000748%	0.0	1	0.00636	0.0	1.4e-05	1.86e-05	0.000557%
L1516	False	OD1	8.21e-06	0.000747%	0.0	1	0.00222	0.000137	0.00102	3.75e-05	0.00113%
OTU_7442	True	TM7-1	8.17e-06	0.000743%	0.0	1	0.00092	0.000594	5.57e-05	3.32e-05	0.000998%
L1016	False	koll11	8.11e-06	0.000738%	0.0	1	0.0127	0.00218	0.00409	2.73e-05	0.000818%
OTU_9129	True	Mb-NB09	8.1e-06	0.000737%	0.0	1	0.00263	0.000103	5.5e-07	2.03e-05	0.000608%
OTU_5341	True	OD1	8.09e-06	0.000736%	0.0	1	0.0	0.000266	0.0	2.34e-05	0.000702%
L128	False	OD1	8.07e-06	0.000735%	0.0	1	0.0124	0.0309	0.0167	8e-05	0.0024%
L1845	False	OD1	8.05e-06	0.000733%	0.0	1	0.00469	0.00115	0.00044	1.76e-05	0.000529%
L538	False	SJA-4	8.03e-06	0.000731%	0.0	1	0.00489	0.00132	0.00255	7.95e-05	0.00238%
OTU_6064	True	ZB2	8.03e-06	0.000731%	0.0	1	0.000101	0.00173	0.00189	3.84e-05	0.00115%
L745	False	PBS-25	7.97e-06	0.000725%	0.0	1	0.00846	0.000636	0.00254	1.71e-05	0.000512%
L1179	False	GIF10	7.97e-06	0.000725%	0.0	1	0.00458	0.000574	0.00033	9.94e-06	0.000298%
OTU_5362	True	ZB2	7.92e-06	0.000721%	0.0	1	0.000655	1.67e-05	2.8e-06	1.35e-05	0.000405%
OTU_9171	True	Mb-NB09	7.91e-06	0.00072%	0.0	1	0.000782	5.31e-05	0.0	1.18e-05	0.000353%
OTU_6914	True	ZB2	7.91e-06	0.00072%	0.0	1	0.000842	0.000336	8.21e-05	3.58e-05	0.00107%
L395	False	ABY1	7.9e-06	0.000719%	0.0	1	0.00309	0.000133	0.000122	7.6e-06	0.000228%
L1045	False	koll11	7.88e-06	0.000717%	0.0	1	0.0118	0.00215	0.0062	2.98e-05	0.000893%
L1702	False	OD1	7.87e-06	0.000717%	0.0	1	0.00213	0.000165	3.61e-05	9e-06	0.00027%

L492	False	OP11-4	7.86e-06	0.000715%	0.0	1	0.00142	0.000368	7.14e-05	1.12e-05	0.000336%
L1770	False	OD1	7.85e-06	0.000715%	0.0	1	0.00196	0.000411	0.000104	1.94e-05	0.000581%
L776	False	PBS-25	7.85e-06	0.000715%	0.0	1	0.0018	0.00017	8.61e-05	2.22e-05	0.000666%
L283	False	ABY1	7.85e-06	0.000714%	0.0	1	0.00704	0.0195	0.0204	6.32e-05	0.0019%
L14	False	OD1	7.83e-06	0.000713%	0.0	1	0.00152	0.000813	5.45e-06	2.72e-05	0.000816%
L82	False	ABY1	7.82e-06	0.000712%	0.0	1	0.00174	0.000778	1.24e-05	2.22e-05	0.000665%
L1190	False	koll11	7.81e-06	0.000711%	0.0	1	0.00119	1.16e-05	3.38e-05	1.1e-05	0.00033%
OTU_6987	True	OD1	7.8e-06	0.00071%	0.0	1	0.00465	0.00161	0.000296	1.97e-05	0.00059%
L1547	False	ZB2	7.79e-06	0.000709%	0.0	1	0.00248	0.000283	0.000108	1e-05	0.000301%
OTU_6039	True	OD1	7.77e-06	0.000707%	0.0	1	0.000256	1.12e-05	3.27e-05	2.73e-05	0.00082%
OTU_7940	True	ABY1	7.75e-06	0.000705%	0.0	1	0.00239	0.000116	0.000107	8.64e-06	0.000259%
OTU_8113	True	ABY1	7.74e-06	0.000705%	0.0	1	0.000299	0.000482	1.24e-05	4.64e-05	0.00139%
L978	False	koll11	7.73e-06	0.000704%	0.0	1	0.00367	0.000869	0.000447	1.76e-05	0.000528%
L1048	False	koll11	7.73e-06	0.000703%	0.0	1	0.00725	0.00147	0.00386	4.4e-05	0.00132%
OTU_2377	True	SJA-4	7.7e-06	0.000701%	0.0	1	0.000551	0.0	0.0	1.58e-05	0.000475%
L1886	False	OD1	7.69e-06	0.0007%	0.0	1	0.00252	0.000827	0.000171	1.49e-05	0.000447%
OTU_8003	True	d153	7.67e-06	0.000698%	0.0	1	0.00027	5.04e-07	0.0	1.57e-05	0.000471%
OTU_8764	True	ABY1	7.66e-06	0.000698%	0.0	1	0.000595	7.5e-05	5.83e-08	1.46e-05	0.000439%
L1694	False	OD1	7.66e-06	0.000697%	0.0	1	0.00308	0.000401	8.26e-05	6.78e-06	0.000203%
L65	False	ABY1	7.63e-06	0.000695%	0.0	1	0.00215	0.000229	0.000101	2.8e-05	0.000839%
L139	False	OD1	7.61e-06	0.000693%	0.0	1	0.0079	0.0178	0.00593	7.1e-05	0.00213%
OTU_10750	True	OP11-4	7.58e-06	0.00069%	0.0	1	0.000364	0.0	0.0	1.61e-05	0.000484%
OTU_5954	True	OD1	7.58e-06	0.00069%	0.0	1	0.000561	0.0	1.48e-05	1.77e-05	0.00053%
OTU_8147	True	ABY1	7.57e-06	0.000689%	0.0	1	0.000453	3.78e-06	2.49e-05	1.02e-05	0.000307%
OTU_8013	True	ABY1	7.55e-06	0.000688%	0.0	1	4.9e-06	0.000477	0.00154	2.8e-05	0.000839%
L1131	False	koll11	7.54e-06	0.000687%	0.0	1	0.0018	0.000213	0.000127	1.66e-05	0.000497%
OTU_4911	True	OD1	7.51e-06	0.000684%	0.0	1	0.000751	0.000225	1.83e-06	2.43e-05	0.000729%
L1551	False	ZB2	7.47e-06	0.00068%	0.0	1	0.00541	0.00135	0.000553	1.51e-05	0.000453%
OTU_7946	True	ABY1	7.45e-06	0.000678%	0.0	1	0.000209	0.0	0.0	1.38e-05	0.000413%
OTU_7982	True	ABY1	7.41e-06	0.000674%	0.0	1	0.00274	0.00147	7.84e-05	2.16e-05	0.00065%
L55	False	ABY1	7.38e-06	0.000671%	0.0	1	0.00293	8.35e-05	0.0	1.54e-05	0.000462%
OTU_8823	True	OD1	7.32e-06	0.000667%	0.0	1	0.000755	0.0	0.0	1.51e-05	0.000454%
OTU_4488	True	PRR-12	7.3e-06	0.000664%	0.0	1	0.00021	0.0	0.0	1.54e-05	0.000462%
OTU_2351	True	SJA-4	7.26e-06	0.000661%	0.0	1	0.000375	0.0	0.0	1.49e-05	0.000446%
L345	False	OD1	7.25e-06	0.00066%	0.0	1	0.00648	0.00103	0.000697	1.1e-05	0.000329%
OTU_9178	True	ABY1	7.25e-06	0.00066%	0.0	1	0.000446	0.0	5.83e-08	8.88e-06	0.000266%
OTU_8334	True	ABY1	7.19e-06	0.000655%	0.0	1	0.000264	0.0	0.0	1.54e-05	0.000461%
L356	False	ABY1	7.16e-06	0.000652%	0.0	1	0.000481	2.32e-05	3.68e-06	9.43e-06	0.000283%
OTU_2076	True	PRR-12	7.12e-06	0.000648%	0.0	1	0.00064	0.0	5.83e-08	1.07e-05	0.000321%
OTU_163	True	koll11	7.06e-06	0.000642%	0.0	1	0.00704	0.00207	0.00296	4.72e-05	0.00142%
OTU_895	True	PRR-12	7.04e-06	0.000641%	0.0	1	0.00112	8.13e-05	1.83e-05	1.08e-05	0.000325%
L41	False	OD1	7.02e-06	0.000639%	0.0	1	0.00411	0.000409	0.000857	1.14e-05	0.000342%
L334	False	OD1	6.98e-06	0.000636%	0.0	1	0.000795	0.000287	4.55e-05	2.19e-05	0.000658%
OTU_430	True	PBS-25	6.98e-06	0.000635%	0.0	1	0.00526	0.00034	0.00074	1.42e-05	0.000428%
L107	False	ABY1	6.96e-06	0.000634%	0.0	1	0.00396	0.000674	0.000337	6.71e-06	0.000201%
L1504	False	ZB2	6.96e-06	0.000634%	0.0	1	0.000183	0.00077	0.0	3.5e-05	0.00105%
L506	False	OP11-4	6.91e-06	0.000629%	0.0	1	0.00571	0.000683	0.000561	8.54e-06	0.000256%
OTU_6990	True	ZB2	6.91e-06	0.000629%	0.0	1	0.00011	0.00209	0.000806	3.37e-05	0.00101%
L876	False	koll11	6.9e-06	0.000628%	0.0	1	0.0199	0.00483	0.00568	1.26e-05	0.000378%
L824	False	PBS-25	6.88e-06	0.000626%	0.0	1	0.0188	0.00191	0.00143	6.35e-06	0.00019%
OTU_1149	True	koll11	6.88e-06	0.000626%	0.0	1	0.000569	0.000317	5.49e-05	3.28e-05	0.000983%
OTU_7850	True	ABY1	6.86e-06	0.000625%	0.0	1	0.000172	0.0	1.1e-06	1.49e-05	0.000448%
L718	False	PBS-25	6.84e-06	0.000623%	0.0	1	0.00459	0.000868	0.000585	1.68e-05	0.000503%
L1486	False	ZB2	6.83e-06	0.000621%	0.0	1	0.00259	0.000893	0.000496	2.61e-05	0.000784%
L858	False	OP3	6.82e-06	0.000621%	0.0	1	0.0204	0.002	0.00172	3.66e-06	0.00011%
L1606	False	OD1	6.81e-06	0.00062%	0.0	1	0.00922	0.00523	0.00233	3.41e-05	0.00102%
OTU_6178	True	ZB2	6.8e-06	0.000619%	0.0	1	0.00332	0.000402	0.000145	1.48e-05	0.000445%
OTU_8141	True	ABY1	6.79e-06	0.000618%	0.0	1	2.35e-05	0.00586	0.00249	1.7e-05	0.000511%
OTU_6986	True	ZB2	6.78e-06	0.000617%	0.0	1	0.000561	0.000326	0.000126	3.97e-05	0.00119%
L469	False	OP11-4	6.73e-06	0.000613%	0.0	1	0.00232	0.000461	9.96e-05	6.04e-06	0.000181%
OTU_325	True	koll11	6.72e-06	0.000612%	0.0	1	0.00115	9.09e-06	0.0	1.17e-05	0.000351%
OTU_415	True	koll11	6.69e-06	0.000609%	0.0	1	0.000578	0.0	0.0	1.8e-05	0.000539%
L1058	False	koll11	6.69e-06	0.000609%	0.0	1	0.0026	0.000381	0.00059	1.84e-05	0.000553%
OTU_8010	True	ABY1	6.67e-06	0.000607%	0.0	1	0.000346	4.93e-05	1.59e-06	2.59e-05	0.000778%

OTU_8008	True	TM7-1	6.65e-06	0.000605%	0.0	1	0.000458	0.0	0.0	1.71e-05	0.000513%
OTU_7143	True	OP11-4	6.64e-06	0.000605%	0.0	1	0.000875	3.92e-05	0.000589	4.01e-05	0.0012%
L470	False	OP11-4	6.63e-06	0.000603%	0.0	1	0.00147	0.000282	6.03e-05	7.36e-06	0.000221%
OTU_82	True	ZB2	6.62e-06	0.000603%	0.0	1	0.000182	1.94e-05	0.000163	6.58e-05	0.00197%
OTU_8768	True	Mb-NB09	6.59e-06	0.0006%	0.0	1	0.00146	0.000159	5.41e-05	6.28e-06	0.000188%
OTU_8318	True	OD1	6.59e-06	0.0006%	0.0	1	0.00036	7e-05	0.0	2.2e-05	0.00066%
L301	False	ABY1	6.58e-06	0.000599%	0.0	1	0.000657	0.00594	0.00252	3.04e-05	0.000913%
L599	False	PRR-12	6.58e-06	0.000599%	0.0	1	0.00254	0.000161	7.3e-05	8.69e-06	0.000261%
L1086	False	koll11	6.58e-06	0.000599%	0.0	1	0.00813	0.000583	0.000283	1.15e-05	0.000346%
OTU_8221	True	OD1	6.58e-06	0.000599%	0.0	1	0.000119	0.0	0.0	1.17e-05	0.000352%
OTU_6298	True	OD1	6.57e-06	0.000598%	0.0	1	0.00212	0.000972	0.000524	5.33e-05	0.0016%
OTU_10776	True	OP11-4	6.5e-06	0.000592%	0.0	1	5.06e-05	2.91e-06	0.000445	2.39e-05	0.000717%
L768	False	PBS-25	6.5e-06	0.000591%	0.0	1	0.00357	0.00036	0.000348	1.38e-05	0.000414%
L601	False	PRR-12	6.46e-06	0.000588%	0.0	1	0.00166	0.000116	5.56e-05	1.19e-05	0.000356%
OTU_455	True	PBS-25	6.4e-06	0.000583%	0.0	1	0.00166	0.000152	1.77e-06	1.55e-05	0.000464%
OTU_359	True	koll11	6.39e-06	0.000582%	0.0	1	0.00056	0.0	0.0	1.19e-05	0.000357%
OTU_604	True	koll11	6.35e-06	0.000578%	0.0	1	0.00281	0.000234	5.35e-05	1.11e-05	0.000334%
L209	False	ABY1	6.35e-06	0.000578%	0.0	1	0.00116	3.45e-05	1.77e-05	9.17e-06	0.000275%
L1199	False	koll11	6.35e-06	0.000578%	0.0	1	0.00187	0.000834	0.000182	2.25e-05	0.000674%
L1800	False	OD1	6.34e-06	0.000577%	0.0	1	0.000592	1.94e-05	3e-05	9.39e-06	0.000282%
L172	False	OD1	6.33e-06	0.000577%	0.0	1	0.0278	0.00763	0.00347	7.2e-06	0.000216%
L284	False	ABY1	6.33e-06	0.000576%	0.0	1	0.00614	0.00952	0.0135	0.00011	0.00331%
L827	False	PBS-25	6.32e-06	0.000576%	0.0	1	0.00321	0.000546	0.000295	1.79e-05	0.000536%
L120	False	ABY1	6.31e-06	0.000574%	0.0	1	0.000948	1.76e-05	0.0	1.23e-05	0.000369%
L499	False	OP11-4	6.29e-06	0.000573%	0.0	1	0.000582	4.23e-05	0.0	7.24e-06	0.000217%
L243	False	ABY1	6.26e-06	0.00057%	0.0	1	0.000861	9.9e-05	0.00083	5.6e-05	0.00168%
L427	False	OP11	6.25e-06	0.000569%	0.0	1	0.00109	0.000357	0.000768	8.31e-05	0.00249%
OTU_6669	True	ZB2	6.23e-06	0.000567%	0.0	1	9.12e-06	0.0	0.000287	1.85e-05	0.000554%
OTU_1019	True	PBS-25	6.23e-06	0.000567%	0.0	1	0.000824	1.47e-05	1.05e-05	1.37e-05	0.000411%
L147	False	OD1	6.23e-06	0.000567%	0.0	1	0.0037	0.000906	0.000338	1.02e-05	0.000306%
L1607	False	OD1	6.23e-06	0.000567%	0.0	1	0.00429	0.00264	0.000931	3.3e-05	0.000991%
L1107	False	koll11	6.21e-06	0.000565%	0.0	1	0.00134	3.18e-05	3.72e-05	6.99e-06	0.00021%
L336	False	OD1	6.2e-06	0.000564%	0.0	1	0.00069	5.51e-05	4.52e-05	1.09e-05	0.000329%
L1753	False	OD1	6.18e-06	0.000562%	0.0	1	0.000465	0.0011	0.00151	0.000155	0.00465%
L1291	False	TM7-3	6.15e-06	0.00056%	0.0	1	0.00775	0.000105	0.00266	2.52e-05	0.000756%
L1163	False	koll11	6.12e-06	0.000557%	0.0	1	0.00144	3.75e-05	2.71e-05	1.24e-05	0.000374%
L277	False	ABY1	6.12e-06	0.000557%	0.0	1	0.0101	0.021	0.0205	9.49e-05	0.00285%
OTU_7978	True	ABY1	6.12e-06	0.000557%	0.0	1	0.000918	0.00041	2.41e-05	1.57e-05	0.000472%
OTU_463	True	koll11	6.11e-06	0.000556%	0.0	1	0.000377	0.000243	0.00173	4.5e-05	0.00135%
L1908	False	OD1	6.1e-06	0.000555%	0.0	1	0.00066	4.2e-05	5.97e-06	9.05e-06	0.000272%
OTU_7174	True	OD1	6.09e-06	0.000554%	0.0	1	0.00404	0.000574	0.000291	1.18e-05	0.000355%
L363	False	OD1	6.08e-06	0.000554%	0.0	1	0.000863	1.64e-05	7.1e-07	8.44e-06	0.000253%
L1462	False	ZB2	6.08e-06	0.000554%	0.0	1	0.000338	0.00439	0.00551	1.28e-05	0.000383%
L1319	False	OD1	6.08e-06	0.000553%	0.0	1	0.00033	0.0	1.29e-05	7.01e-06	0.00021%
L726	False	PBS-25	6.05e-06	0.000551%	0.0	1	0.0077	0.00109	0.00275	2.02e-05	0.000605%
OTU_6494	True	ZB2	6.02e-06	0.000548%	0.0	1	0.00137	0.000173	0.000211	1.41e-05	0.000423%
L474	False	OP11-4	6e-06	0.000546%	0.0	1	0.00129	0.00028	5.54e-05	7.28e-06	0.000218%
L376	False	OD1	5.98e-06	0.000544%	0.0	1	0.00117	3.53e-05	7.74e-05	7.83e-06	0.000235%
L294	False	ABY1	5.97e-06	0.000543%	0.0	1	0.00575	0.00619	0.0109	0.000131	0.00393%
L631	False	PBS-25	5.94e-06	0.00054%	0.0	1	0.00257	6.75e-05	7.1e-05	1.06e-05	0.000318%
L1821	False	OD1	5.92e-06	0.000539%	0.0	1	0.000816	0.000225	1.89e-06	1.71e-05	0.000514%
OTU_7028	True	ABY1	5.9e-06	0.000537%	0.0	1	0.0	0.00139	0.000904	1.76e-05	0.000527%
OTU_8909	True	ABY1	5.89e-06	0.000537%	0.0	1	0.000852	8.86e-06	0.0	1.17e-05	0.000352%
OTU_6699	True	ZB2	5.89e-06	0.000536%	0.0	1	0.000296	6.98e-05	0.0	2e-05	0.0006%
L1688	False	OD1	5.88e-06	0.000535%	0.0	1	0.0146	0.00308	0.00104	4.4e-06	0.000132%
L1569	False	ZB2	5.85e-06	0.000533%	0.0	1	0.003	0.000466	0.000589	8.67e-06	0.00026%
L1175	False	koll11	5.85e-06	0.000532%	0.0	1	0.00957	0.00328	0.00297	2.53e-05	0.00076%
OTU_349	True	koll11	5.81e-06	0.000529%	0.0	1	0.00184	0.000434	8.88e-05	1.6e-05	0.000481%
OTU_4142	True	koll11	5.81e-06	0.000529%	0.0	1	0.000543	0.0	0.0	1.26e-05	0.000377%
L653	False	koll11	5.81e-06	0.000529%	0.0	1	0.0214	0.00391	0.00486	6.93e-06	0.000208%
L1333	False	ZB2	5.8e-06	0.000528%	0.0	1	0.004	0.00115	0.000393	7.67e-06	0.00023%
L1195	False	koll11	5.8e-06	0.000528%	0.0	1	0.0029	0.00161	0.000647	3.41e-05	0.00102%
OTU_8770	True	OD1	5.79e-06	0.000527%	0.0	1	0.000156	7.74e-06	0.0	1.25e-05	0.000377%
OTU_5589	True	OD1	5.75e-06	0.000524%	0.0	1	0.000309	8.46e-06	2.69e-05	1.37e-05	0.000411%
OTU_2334	True	SJA-4	5.74e-06	0.000523%	0.0	1	2.79e-06	0.000181	0.000791	2.47e-05	0.000741%

L1141	False	koll11	5.72e-06	0.00052%	0.0	1	0.00777	0.00171	0.000598	1.18e-05	0.000353%
OTU_6309	True	ZB2	5.7e-06	0.000519%	0.0	1	0.000593	8.21e-07	3.52e-07	7.09e-06	0.000213%
OTU_6584	True	OD1	5.67e-06	0.000516%	0.0	1	0.0	0.00016	0.000689	2.27e-05	0.00068%
L195	False	ABY1	5.66e-06	0.000515%	0.0	1	0.00224	0.00068	3.3e-05	7.82e-06	0.000235%
L1073	False	koll11	5.59e-06	0.000509%	0.0	1	0.00216	0.000126	0.0	6.96e-06	0.000209%
L1598	False	OD1	5.59e-06	0.000508%	0.0	1	6e-05	0.00872	0.00274	9.28e-06	0.000278%
L69	False	ABY1	5.59e-06	0.000508%	0.0	1	0.00157	0.00658	0.00546	5.7e-05	0.00171%
OTU_7350	True	ABY1	5.58e-06	0.000508%	0.0	1	1.99e-05	0.000946	0.000354	1.62e-05	0.000485%
L534	False	TM6	5.57e-06	0.000507%	0.0	1	0.00627	0.00164	0.00264	4.05e-05	0.00122%
OTU_8120	True	ABY1	5.56e-06	0.000506%	0.0	1	9.17e-06	0.00164	0.00285	1.21e-05	0.000362%
L1252	False	TM7-1	5.55e-06	0.000505%	0.0	1	0.000602	7.3e-05	0.00729	1.85e-05	0.000554%
OTU_361	True	koll11	5.53e-06	0.000503%	0.0	1	0.00106	0.000212	5.2e-05	1.07e-05	0.00032%
L269	False	OD1	5.51e-06	0.000501%	0.0	1	0.00471	0.00804	0.00326	0.000109	0.00326%
L285	False	ABY1	5.51e-06	0.000501%	0.0	1	0.000397	0.00332	0.00264	2.3e-05	0.000691%
L1583	False	ZB2	5.5e-06	0.000501%	0.0	1	0.00138	0.000173	0.000392	1.66e-05	0.0005%
OTU_6761	True	ZB2	5.5e-06	0.000501%	0.0	1	0.0	2.16e-05	0.000524	1.72e-05	0.000518%
L1272	False	TM7	5.48e-06	0.000498%	0.0	1	0.000933	0.000223	1.63e-05	1.76e-05	0.000529%
L109	False	ABY1	5.45e-06	0.000496%	0.0	1	0.00362	0.000674	0.000322	5.78e-06	0.000173%
L305	False	ABY1	5.41e-06	0.000492%	0.0	1	0.000358	0.00593	0.00252	1.97e-05	0.000593%
L1887	False	OD1	5.4e-06	0.000492%	0.0	1	0.000447	8.81e-05	2.18e-05	1.47e-05	0.000442%
OTU_268	True	koll11	5.39e-06	0.000491%	0.0	1	0.000748	0.000221	0.00226	3.65e-05	0.0011%
OTU_170	True	koll11	5.36e-06	0.000488%	0.0	1	0.00214	0.000366	0.000113	1.05e-05	0.000316%
L194	False	ABY1	5.33e-06	0.000485%	0.0	1	0.00471	0.001	0.000639	8.3e-06	0.000249%
OTU_428	True	koll11	5.31e-06	0.000483%	0.0	1	9.36e-05	2.27e-05	0.000747	2.18e-05	0.000654%
OTU_485	True	koll11	5.29e-06	0.000482%	0.0	1	0.00258	0.0	7.79e-07	1.09e-05	0.000326%
OTU_162	True	OD1	5.29e-06	0.000481%	0.0	1	9.11e-05	0.0	0.0	1.31e-05	0.000392%
L945	False	koll11	5.27e-06	0.000479%	0.0	1	0.00404	0.00108	0.000843	9.67e-06	0.00029%
OTU_6559	True	ZB2	5.24e-06	0.000477%	0.0	1	0.0	4.54e-05	0.00116	1.34e-05	0.000402%
L1059	False	koll11	5.24e-06	0.000477%	0.0	1	0.000685	7.14e-05	5.73e-05	9.46e-06	0.000284%
L1292	False	TM7-3	5.23e-06	0.000476%	0.0	1	0.00138	0.000105	0.00264	3.35e-05	0.001%
L330	False	ABY1	5.23e-06	0.000476%	0.0	1	0.000947	1.11e-05	2.91e-05	6.54e-06	0.000196%
OTU_6221	True	ZB2	5.22e-06	0.000475%	0.0	1	0.000765	4.23e-07	0.0	9.88e-06	0.000296%
OTU_7948	True	ABY1	5.21e-06	0.000474%	0.0	1	0.000366	1.89e-05	2.55e-05	1.29e-05	0.000388%
L906	False	koll11	5.2e-06	0.000473%	0.0	1	0.0022	0.000236	0.000837	2.26e-05	0.000679%
OTU_250	True	koll11	5.2e-06	0.000473%	0.0	1	0.00121	0.000315	0.000335	2.66e-05	0.000799%
OTU_1383	True	koll11	5.19e-06	0.000473%	0.0	1	0.0	0.000832	3.04e-06	1.55e-05	0.000466%
OTU_7837	True	ZB2	5.19e-06	0.000473%	0.0	1	0.000273	0.0	0.0	9.7e-06	0.000291%
OTU_8327	True	ZB2	5.19e-06	0.000472%	0.0	1	0.0	2.59e-05	0.000406	1.55e-05	0.000465%
OTU_2333	True	PBS-25	5.13e-06	0.000467%	0.0	1	0.00117	3.2e-05	0.000141	1.34e-05	0.000403%
L1022	False	koll11	5.13e-06	0.000467%	0.0	1	0.00388	0.000855	0.00145	2.73e-05	0.00082%
L674	False	koll11	5.12e-06	0.000466%	0.0	1	0.0122	0.00199	0.00202	8.3e-06	0.000249%
OTU_10120	True	OD1	5.12e-06	0.000466%	0.0	1	0.000345	0.000107	0.0	1.61e-05	0.000484%
OTU_60	True	OD1	5.11e-06	0.000465%	0.0	1	9e-05	1.85e-05	0.000397	2.59e-05	0.000776%
L1239	False	TM7	5.11e-06	0.000465%	0.0	1	0.0121	0.012	0.021	0.000177	0.00532%
OTU_6096	True	ZB2	5.09e-06	0.000464%	0.0	1	0.00415	0.00131	0.000529	1.52e-05	0.000455%
OTU_10907	True	OP11-4	5.08e-06	0.000462%	0.0	1	0.000156	2.71e-06	0.0	1.09e-05	0.000327%
L702	False	koll11	5.07e-06	0.000461%	0.0	1	0.0012	4.96e-05	0.0	8.2e-06	0.000246%
OTU_4604	True	ZB2	5.06e-06	0.000461%	0.0	1	0.000141	0.0	0.0	9.46e-06	0.000284%
OTU_6696	True	ZB2	5.05e-06	0.00046%	0.0	1	6.26e-06	0.00151	0.00191	3.8e-05	0.00114%
L701	False	koll11	5.05e-06	0.000459%	0.0	1	0.00137	4.98e-05	0.0	6.92e-06	0.000208%
OTU_166	True	OP3	5.04e-06	0.000459%	0.0	1	0.000235	0.0	0.0	8.83e-06	0.000265%
L1029	False	koll11	5.02e-06	0.000457%	0.0	1	0.00923	0.00148	0.00558	1.41e-05	0.000424%
OTU_6269	True	OD1	5e-06	0.000455%	0.0	1	0.00014	0.0	0.000201	3.15e-05	0.000947%
L1724	False	Mb-NB09	4.98e-06	0.000453%	0.0	1	0.00342	0.00151	0.000738	2.19e-05	0.000657%
OTU_8043	True	ABY1	4.98e-06	0.000453%	0.0	1	0.0004	0.0	0.0	8.6e-06	0.000258%
L717	False	PBS-25	4.97e-06	0.000452%	0.0	1	0.0323	0.00436	0.00545	5.96e-06	0.000179%
OTU_7298	True	ABY1	4.94e-06	0.00045%	0.0	1	0.000115	0.00164	0.00102	2.07e-05	0.000621%
OTU_240	True	koll11	4.93e-06	0.000448%	0.0	1	0.00192	4.14e-05	1.08e-05	9.16e-06	0.000275%
L433	False	OP11	4.91e-06	0.000447%	0.0	1	0.00118	0.000142	0.00163	2.52e-05	0.000757%
OTU_6393	True	ZB2	4.88e-06	0.000444%	0.0	1	0.000519	7.94e-05	9.14e-05	1.47e-05	0.000441%
L1554	False	ZB2	4.87e-06	0.000444%	0.0	1	0.00432	0.00135	0.000553	1.42e-05	0.000426%
OTU_4915	True	GIF10	4.86e-06	0.000442%	0.0	1	0.000681	0.000144	5.51e-05	1.4e-05	0.00042%
L287	False	ABY1	4.83e-06	0.00044%	0.0	1	0.000397	0.00251	0.00213	2.72e-05	0.000816%
OTU_5822	True	OD1	4.83e-06	0.00044%	0.0	1	0.000201	1.64e-05	0.0	7.04e-06	0.000211%
L675	False	koll11	4.81e-06	0.000438%	0.0	1	0.00719	0.000585	0.000728	1.12e-05	0.000337%

L159	False	ABY1	4.81e-06	0.000438%	0.0	1	0.000598	0.000102	2.8e-05	1.54e-05	0.000461%
L1474	False	ZB2	4.81e-06	0.000438%	0.0	1	0.00411	0.00172	0.000902	1.68e-05	0.000504%
L748	False	PBS-25	4.8e-06	0.000437%	0.0	1	0.00714	0.000514	0.0025	1.21e-05	0.000363%
OTU_8060	True	OD1	4.79e-06	0.000436%	0.0	1	0.000136	8.97e-05	0.0	2.31e-05	0.000694%
OTU_10794	True	OP11-3	4.77e-06	0.000434%	0.0	1	0.000149	0.0	0.0	1e-05	0.000301%
L234	False	ABY1	4.76e-06	0.000434%	0.0	1	0.00358	0.00117	0.000221	1.45e-05	0.000436%
L1813	False	OD1	4.73e-06	0.00043%	0.0	1	0.00203	0.000949	0.000144	2.05e-05	0.000616%
OTU_10803	True	OP11-4	4.71e-06	0.000429%	0.0	1	0.000238	4.1e-06	0.0	9.64e-06	0.000289%
OTU_2350	True	SJA-4	4.71e-06	0.000429%	0.0	1	0.000587	0.0	0.0	9.64e-06	0.000289%
L1565	False	ZB2	4.69e-06	0.000427%	0.0	1	0.00495	0.00094	0.000738	5.67e-06	0.00017%
OTU_4996	True	GIF10	4.68e-06	0.000426%	0.0	1	1.3e-06	0.000511	0.0	1.33e-05	0.0004%
OTU_8645	True	Mb-NB09	4.68e-06	0.000426%	0.0	1	0.000416	4.49e-05	3.32e-06	6.56e-06	0.000197%
OTU_472	True	koll11	4.67e-06	0.000425%	0.0	1	0.000784	0.0	0.0	1.02e-05	0.000305%
OTU_5239	True	OD1	4.67e-06	0.000425%	0.0	1	0.000622	1.32e-05	5.97e-06	6.51e-06	0.000195%
L1832	False	OD1	4.65e-06	0.000423%	0.0	1	0.002	0.00222	0.000798	0.000108	0.00323%
L956	False	koll11	4.63e-06	0.000422%	0.0	1	0.00131	3.81e-05	5.4e-05	4.51e-06	0.000135%
OTU_6051	True	OD1	4.62e-06	0.00042%	0.0	1	0.000124	0.0	0.0	9.21e-06	0.000276%
OTU_7480	True	ABY1	4.59e-06	0.000418%	0.0	1	0.0	0.000811	0.000513	1.43e-05	0.000428%
OTU_6306	True	ZB2	4.59e-06	0.000418%	0.0	1	0.00145	8.02e-05	0.00045	1.6e-05	0.000481%
OTU_7962	True	ABY1	4.59e-06	0.000417%	0.0	1	0.000766	0.000279	0.000216	3.34e-05	0.001%
L1181	False	GIF10	4.58e-06	0.000417%	0.0	1	0.00197	0.000213	0.000219	7.71e-06	0.000231%
L1874	False	OD1	4.56e-06	0.000415%	0.0	1	0.00108	0.000482	5.3e-05	1.17e-05	0.000353%
OTU_7046	True	ABY1	4.54e-06	0.000413%	0.0	1	0.000861	5.62e-05	0.0	1.08e-05	0.000324%
OTU_10859	True	OP11	4.5e-06	0.000409%	0.0	1	0.000556	0.000101	4.16e-07	1.28e-05	0.000384%
OTU_7050	True	ABY1	4.48e-06	0.000408%	0.0	1	0.000654	0.000227	0.00013	2.75e-05	0.000826%
OTU_8826	True	TM7-1	4.48e-06	0.000407%	0.0	1	0.000454	0.0	0.0	9.08e-06	0.000273%
OTU_6185	True	ABY1	4.47e-06	0.000407%	0.0	1	0.000325	8.41e-05	1.14e-05	1.6e-05	0.00048%
OTU_7217	True	ZB2	4.47e-06	0.000407%	0.0	1	0.000241	0.0	0.0	8.27e-06	0.000248%
L407	False	ABY1	4.46e-06	0.000406%	0.0	1	0.000277	7.44e-06	1.02e-05	9.19e-06	0.000276%
OTU_7379	True	ZB2	4.45e-06	0.000405%	0.0	1	0.000267	0.0	0.0	8.29e-06	0.000249%
OTU_348	True	koll11	4.44e-06	0.000404%	0.0	1	0.000472	1.98e-05	0.000254	2.34e-05	0.000703%
OTU_8139	True	EW055	4.41e-06	0.000401%	0.0	1	0.00138	4.1e-07	2.4e-05	6.99e-06	0.00021%
OTU_8036	True	TM7-1	4.39e-06	0.0004%	0.0	1	0.000563	2.84e-05	3.14e-06	5.23e-06	0.000157%
OTU_8913	True	Mb-NB09	4.39e-06	0.000399%	0.0	1	0.000207	0.0	0.0	7.86e-06	0.000236%
OTU_8793	True	OD1	4.37e-06	0.000398%	0.0	1	3.42e-06	0.000341	0.000551	1.72e-05	0.000516%
OTU_6343	True	ZB2	4.33e-06	0.000394%	0.0	1	0.00215	0.000755	0.00088	4.9e-05	0.00147%
OTU_9347	True	Mb-NB09	4.31e-06	0.000392%	0.0	1	0.00039	4.88e-05	1.42e-07	8.59e-06	0.000258%
OTU_1425	True	OP3	4.31e-06	0.000392%	0.0	1	0.000339	6.85e-05	0.0	9.83e-06	0.000295%
OTU_3671	True	kpj58rc	4.29e-06	0.000391%	0.0	1	0.000387	2.78e-05	7.86e-05	7.84e-06	0.000235%
OTU_8317	True	Mb-NB09	4.29e-06	0.00039%	0.0	1	0.000531	0.000184	3.24e-05	1.79e-05	0.000536%
OTU_6679	True	OD1	4.29e-06	0.00039%	0.0	1	0.00106	0.00019	0.000123	1.73e-05	0.000519%
OTU_6604	True	ZB2	4.28e-06	0.00039%	0.0	1	0.0	6.05e-06	0.000522	1.41e-05	0.000423%
OTU_165	True	koll11	4.26e-06	0.000388%	0.0	1	0.0143	0.00232	0.00165	5.21e-06	0.000156%
OTU_5847	True	OD1	4.26e-06	0.000388%	0.0	1	0.000334	9.99e-06	2.9e-05	1.08e-05	0.000324%
OTU_6108	True	ZB2	4.25e-06	0.000387%	0.0	1	0.0	0.000262	1.77e-06	8.65e-06	0.00026%
L299	False	ABY1	4.25e-06	0.000387%	0.0	1	0.000697	0.00999	0.00618	1.15e-05	0.000344%
OTU_7022	True	ABY1	4.25e-06	0.000386%	0.0	1	0.00153	0.00654	0.00543	4.29e-05	0.00129%
OTU_5424	True	ZB2	4.24e-06	0.000386%	0.0	1	0.000473	7.55e-06	5.98e-05	8.11e-06	0.000243%
OTU_5575	True	ZB2	4.19e-06	0.000381%	0.0	1	0.00012	0.0	5.5e-07	8.71e-06	0.000261%
OTU_6123	True	SM2F11	4.19e-06	0.000381%	0.0	1	0.00023	0.0	0.0	7.3e-06	0.000219%
OTU_1344	True	PBS-25	4.18e-06	0.00038%	0.0	1	3.5e-05	0.0	0.0017	1.15e-05	0.000346%
L1706	False	Mb-NB09	4.18e-06	0.00038%	0.0	1	0.00124	0.000119	3.61e-05	5.36e-06	0.000161%
L529	False	TM6	4.15e-06	0.000378%	0.0	1	0.000164	0.00201	0.000134	2.13e-05	0.000639%
L565	False	SJA-4	4.15e-06	0.000378%	0.0	1	0.00132	3.47e-07	0.000456	1.71e-05	0.000512%
OTU_3763	True	OP3	4.14e-06	0.000377%	0.0	1	0.000192	0.0	0.0	1.01e-05	0.000302%
OTU_7969	True	ABY1	4.12e-06	0.000375%	0.0	1	0.000532	0.000194	8.78e-06	8.97e-06	0.000269%
OTU_6349	True	WCHB1-64	4.12e-06	0.000375%	0.0	1	0.000271	4.72e-05	0.00117	1.94e-05	0.000583%
L1182	False	GIF10	4.11e-06	0.000374%	0.0	1	0.001	6.93e-05	0.000164	1.4e-05	0.00042%
L498	False	OP11-4	4.11e-06	0.000374%	0.0	1	0.000582	4.23e-05	3.88e-05	6.82e-06	0.000205%
OTU_4064	True	koll11	4.08e-06	0.000371%	0.0	1	0.000317	3.03e-05	6.35e-06	1.28e-05	0.000384%
OTU_7000	True	ZB2	4.07e-06	0.000371%	0.0	1	1.39e-06	0.000603	0.000268	1.37e-05	0.000413%
L1241	False	TM7	4.07e-06	0.00037%	0.0	1	0.0117	0.012	0.021	0.000135	0.00404%
OTU_10777	True	OP11-3	4.03e-06	0.000367%	0.0	1	0.000119	0.000339	0.0	2.44e-05	0.000733%
L1888	False	OD1	4.03e-06	0.000367%	0.0	1	0.000325	5.87e-05	8.28e-06	1.13e-05	0.000341%

OTU_6230	True	ZB2	4.03e-06	0.000367%	0.0	1	0.000139	0.0131	0.0056	1.27e-05	0.000381%
OTU_9264	True	ABY1	4.02e-06	0.000366%	0.0	1	0.000249	1.93e-05	2.55e-06	1.01e-05	0.000302%
L917	False	OP3	4.02e-06	0.000366%	0.0	1	0.00053	6.85e-05	0.0	7.43e-06	0.000223%
L207	False	ABY1	4.01e-06	0.000365%	0.0	1	0.00143	3.45e-05	1.77e-05	4.74e-06	0.000142%
OTU_499	True	PBS-25	3.99e-06	0.000363%	0.0	1	0.000313	0.0	0.0	5.05e-06	0.000152%
OTU_436	True	koll11	3.99e-06	0.000363%	0.0	1	0.000386	0.0	1.77e-06	8.45e-06	0.000253%
L132	False	OD1	3.97e-06	0.000361%	0.0	1	0.011	0.0308	0.0167	3.3e-05	0.000991%
L144	False	ABY1	3.96e-06	0.00036%	0.0	1	0.00245	0.00149	0.000234	2.06e-05	0.000617%
OTU_7670	True	ABY1	3.95e-06	0.000359%	0.0	1	0.000341	1.56e-07	1.54e-05	7.78e-06	0.000234%
L253	False	ABY1	3.94e-06	0.000358%	0.0	1	0.000596	0.000139	1.93e-05	8.33e-06	0.00025%
OTU_8067	True	OD1	3.92e-06	0.000357%	0.0	1	0.000268	6.63e-05	0.0	1.23e-05	0.00037%
OTU_571	True	koll11	3.92e-06	0.000357%	0.0	1	0.000224	0.0	0.0	7.11e-06	0.000213%
L1422	False	ZB2	3.91e-06	0.000356%	0.0	1	0.000105	0.00214	0.0022	1.63e-05	0.00049%
L311	False	ABY1	3.91e-06	0.000356%	0.0	1	2.34e-05	0.00134	0.00102	9.92e-06	0.000298%
L954	False	koll11	3.9e-06	0.000355%	0.0	1	0.00135	0.000238	6.32e-05	6.63e-06	0.000199%
OTU_3064	True	koll11	3.89e-06	0.000354%	0.0	1	0.000847	8.98e-05	3.33e-05	5.7e-06	0.000171%
L1553	False	ZB2	3.86e-06	0.000351%	0.0	1	0.00465	0.00135	0.000553	9.47e-06	0.000284%
L1900	False	OD1	3.85e-06	0.000351%	0.0	1	0.00045	0.00016	5.8e-05	2e-05	0.000601%
OTU_753	True	koll11	3.85e-06	0.000351%	0.0	1	0.000426	4.23e-06	0.0	8.16e-06	0.000245%
L544	False	SJA-4	3.85e-06	0.00035%	0.0	1	0.000928	0.000181	0.00167	3.07e-05	0.000922%
L1866	False	OD1	3.85e-06	0.00035%	0.0	1	0.0013	0.000116	0.000142	6.09e-06	0.000183%
OTU_7970	True	ABY1	3.84e-06	0.00035%	0.0	1	1.38e-05	0.000658	0.000339	2.14e-05	0.000642%
L1192	False	koll11	3.82e-06	0.000348%	0.0	1	0.000499	1.13e-05	3.38e-05	6.21e-06	0.000186%
OTU_1354	True	PBS-25	3.81e-06	0.000347%	0.0	1	0.000726	0.0	0.0	8.52e-06	0.000256%
OTU_4583	True	ZB2	3.81e-06	0.000346%	0.0	1	0.000942	8.3e-05	8.82e-05	9.12e-06	0.000274%
L477	False	OP11-4	3.81e-06	0.000346%	0.0	1	0.000855	0.000179	3.94e-05	6.73e-06	0.000202%
L426	False	OP11	3.8e-06	0.000346%	0.0	1	0.00113	0.000674	0.00173	5.73e-05	0.00172%
L1046	False	koll11	3.77e-06	0.000343%	0.0	1	0.00741	0.00147	0.00386	2.07e-05	0.00062%
L1864	False	OD1	3.76e-06	0.000343%	0.0	1	0.00251	0.0015	0.000205	1e-05	0.0003%
L663	False	koll11	3.76e-06	0.000342%	0.0	1	0.00272	0.000121	0.000278	6.29e-06	0.000189%
OTU_6055	True	ABY1	3.75e-06	0.000342%	0.0	1	0.000227	2.32e-05	0.0	7.83e-06	0.000235%
OTU_6013	True	ABY1	3.74e-06	0.00034%	0.0	1	0.000254	0.0	3.68e-06	5.49e-06	0.000165%
OTU_6	True	OD1	3.73e-06	0.00034%	0.0	1	9.54e-05	0.0	0.0	8.95e-06	0.000269%
OTU_1374	True	PBS-25	3.73e-06	0.00034%	0.0	1	0.00176	4.88e-05	0.0	8.77e-06	0.000263%
OTU_10862	True	OP11-4	3.71e-06	0.000338%	0.0	1	0.000725	0.000179	3.94e-05	8.24e-06	0.000247%
OTU_8782	True	ABY1	3.69e-06	0.000336%	0.0	1	0.00207	7.47e-05	0.0	7.68e-06	0.00023%
L1895	False	OD1	3.69e-06	0.000336%	0.0	1	0.00166	0.000556	0.000116	9.65e-06	0.00029%
L133	False	ABY1	3.67e-06	0.000334%	0.0	1	0.00292	0.000456	0.000338	7.35e-06	0.000221%
L658	False	koll11	3.66e-06	0.000334%	0.0	1	0.00442	0.000827	0.00193	1.68e-05	0.000505%
OTU_67	True	ZB2	3.66e-06	0.000333%	0.0	1	9.44e-05	0.0125	0.0182	4.93e-06	0.000148%
L826	False	PBS-25	3.65e-06	0.000332%	0.0	1	0.00479	0.000638	0.000416	8.05e-06	0.000241%
OTU_173	True	PBS-25	3.64e-06	0.000331%	0.0	1	0.00101	9.46e-05	0.000662	3.02e-05	0.000907%
OTU_861	True	PBS-25	3.63e-06	0.000331%	0.0	1	0.000698	0.0	0.0	1.03e-05	0.000311%
L377	False	ABY1	3.62e-06	0.00033%	0.0	1	0.000324	0.0	5.83e-08	5.17e-06	0.000155%
OTU_6094	True	ZB2	3.61e-06	0.000329%	0.0	1	4.62e-05	0.00191	0.00148	1.24e-05	0.000373%
OTU_6544	True	ZB2	3.61e-06	0.000329%	0.0	1	0.0	0.0	0.00066	1.11e-05	0.000332%
OTU_8108	True	ABY1	3.61e-06	0.000329%	0.0	1	0.0002	1.12e-05	1.42e-07	6.35e-06	0.00019%
OTU_4797	True	koll11	3.6e-06	0.000328%	0.0	1	1.62e-06	9.62e-06	0.00031	1.09e-05	0.000326%
OTU_318	True	koll11	3.58e-06	0.000326%	0.0	1	0.00248	0.000327	0.00143	2.18e-05	0.000653%
L412	False	ABY1	3.57e-06	0.000325%	0.0	1	0.000295	0.000514	0.00154	3.13e-05	0.00094%
OTU_7853	True	ABY1	3.54e-06	0.000322%	0.0	1	0.000699	1.76e-05	1.52e-05	7.13e-06	0.000214%
L770	False	PBS-25	3.54e-06	0.000322%	0.0	1	0.00352	0.00035	0.000348	7.74e-06	0.000232%
OTU_8815	True	ABY1	3.53e-06	0.000321%	0.0	1	0.000346	9.92e-06	0.0	1.01e-05	0.000303%
OTU_906	True	koll11	3.52e-06	0.000321%	0.0	1	0.002	0.000388	5.94e-05	8.66e-06	0.00026%
L1151	False	koll11	3.52e-06	0.00032%	0.0	1	0.00187	0.000302	0.00013	8e-06	0.00024%
OTU_7961	True	ZB2	3.51e-06	0.000319%	0.0	1	0.000239	0.000144	8.45e-06	1.33e-05	0.0004%
OTU_414	True	PRR-12	3.5e-06	0.000319%	0.0	1	0.0023	0.000341	0.0	7.78e-06	0.000233%
OTU_1247	True	PRR-12	3.48e-06	0.000317%	0.0	1	0.000882	4.47e-05	1.74e-05	7.15e-06	0.000215%
OTU_190	True	koll11	3.47e-06	0.000316%	0.0	1	0.00338	0.00086	0.00464	2.67e-05	0.000802%
OTU_2521	True	koll11	3.46e-06	0.000315%	0.0	1	0.000242	1.42e-06	2.8e-06	8.07e-06	0.000242%
OTU_1590	True	PBS-25	3.45e-06	0.000314%	0.0	1	0.000323	9.86e-06	0.0	6.88e-06	0.000206%
OTU_1088	True	koll11	3.45e-06	0.000314%	0.0	1	0.000542	0.0	2.8e-06	6.42e-06	0.000193%
L1540	False	ZB2	3.45e-06	0.000314%	0.0	1	0.000377	0.0	0.0	5.36e-06	0.000161%
L198	False	ABY1	3.44e-06	0.000313%	0.0	1	0.00113	0.000269	8.84e-06	5.92e-06	0.000178%

L1062	False	koll11	3.44e-06	0.000313%	0.0	1	0.00191	0.00031	0.000533	1.32e-05	0.000396%
L1121	False	koll11	3.43e-06	0.000312%	0.0	1	0.00197	0.000118	9.12e-05	4.69e-06	0.000141%
L1673	False	OD1	3.42e-06	0.000312%	0.0	1	0.00373	0.00094	0.000595	9.86e-06	0.000296%
L540	False	SJA-4	3.42e-06	0.000312%	0.0	1	0.00345	0.00132	0.00255	6.61e-05	0.00198%
OTU_7122	True	ZB2	3.41e-06	0.00031%	0.0	1	0.000247	1.48e-05	1.57e-05	9.58e-06	0.000288%
L1727	False	Mb-NB09	3.4e-06	0.00031%	0.0	1	0.00305	0.00142	0.000608	1.65e-05	0.000495%
L1263	False	TM7-1	3.39e-06	0.000309%	0.0	1	0.000875	0.0	0.0	4.79e-06	0.000144%
OTU_6328	True	ZB2	3.38e-06	0.000308%	0.0	1	0.0	0.000798	0.000617	1.42e-05	0.000427%
OTU_5893	True	OD1	3.36e-06	0.000306%	0.0	1	0.000143	0.0	0.0	7.04e-06	0.000211%
L1293	False	TM7-3	3.36e-06	0.000306%	0.0	1	0.00138	0.000105	0.00264	2.15e-05	0.000644%
OTU_4041	True	koll11	3.35e-06	0.000305%	0.0	1	0.000474	0.0	0.0	6.81e-06	0.000204%
OTU_449	True	koll11	3.34e-06	0.000304%	0.0	1	0.000348	3.11e-05	0.000252	2.02e-05	0.000607%
L1438	False	ZB2	3.34e-06	0.000304%	0.0	1	0.00174	0.000798	0.000219	1.62e-05	0.000487%
L1208	False	koll11	3.34e-06	0.000304%	0.0	1	0.0005	0.000123	0.0	1.17e-05	0.000351%
OTU_837	True	koll11	3.33e-06	0.000303%	0.0	1	0.000787	0.000195	8.56e-05	1.64e-05	0.000492%
L636	False	PBS-25	3.33e-06	0.000303%	0.0	1	0.00091	7.9e-05	8.32e-06	5.92e-06	0.000178%
OTU_1305	True	TM6	3.32e-06	0.000302%	0.0	1	1.82e-06	0.00188	0.000131	1.37e-05	0.000411%
OTU_8744	True	TM7-1	3.29e-06	0.000299%	0.0	1	0.000115	0.0	0.0	7.82e-06	0.000235%
OTU_10795	True	OP11-3	3.28e-06	0.000298%	0.0	1	6.42e-05	0.0	0.0	8.43e-06	0.000253%
OTU_6709	True	OD1	3.27e-06	0.000298%	0.0	1	0.000193	0.0	0.0	4.52e-06	0.000136%
OTU_8039	True	ABY1	3.27e-06	0.000297%	0.0	1	0.000384	0.0	0.0	5.95e-06	0.000179%
OTU_418	True	koll11	3.26e-06	0.000297%	0.0	1	0.00241	2.94e-05	0.00121	1.27e-05	0.00038%
OTU_8224	True	ABY1	3.26e-06	0.000296%	0.0	1	9.77e-05	0.0	0.0	5.77e-06	0.000173%
OTU_57	True	Mb-NB09	3.25e-06	0.000296%	0.0	1	5.02e-05	5.25e-06	0.0	1.1e-05	0.00033%
OTU_5443	True	ZB2	3.25e-06	0.000296%	0.0	1	0.000663	0.000303	0.000145	2.03e-05	0.00061%
L1133	False	koll11	3.24e-06	0.000295%	0.0	1	0.00137	0.000213	3.12e-05	7.38e-06	0.000221%
OTU_335	True	koll11	3.21e-06	0.000292%	0.0	1	0.00264	0.000501	0.000108	7.22e-06	0.000217%
OTU_5599	True	OD1	3.21e-06	0.000292%	0.0	1	5.25e-05	0.000367	5.64e-06	1.16e-05	0.000347%
L1340	False	ZB2	3.2e-06	0.000292%	0.0	1	0.00109	0.000471	3.47e-05	8.67e-06	0.00026%
L943	False	koll11	3.2e-06	0.000291%	0.0	1	0.00999	0.00204	0.00113	3.34e-06	0.0001%
L1667	False	OD1	3.18e-06	0.00029%	0.0	1	0.000629	0.000145	0.0	5.8e-06	0.000174%
L679	False	koll11	3.18e-06	0.000289%	0.0	1	0.00588	0.000273	0.000676	8.95e-06	0.000269%
L958	False	koll11	3.18e-06	0.000289%	0.0	1	0.000725	2.19e-05	4.92e-05	5.55e-06	0.000166%
L196	False	ABY1	3.17e-06	0.000288%	0.0	1	0.00132	0.00027	8.84e-06	5.18e-06	0.000156%
L1529	False	ZB2	3.16e-06	0.000287%	0.0	1	0.000833	0.000343	0.000152	1.47e-05	0.000442%
L1091	False	koll11	3.15e-06	0.000287%	0.0	1	0.011	0.00187	0.00186	4.79e-06	0.000144%
L118	False	OD1	3.15e-06	0.000287%	0.0	1	0.0134	0.0406	0.023	1.73e-05	0.000519%
OTU_8643	True	ABY1	3.14e-06	0.000286%	0.0	1	0.000299	5.29e-06	5.5e-06	5.53e-06	0.000166%
L353	False	OD1	3.13e-06	0.000285%	0.0	1	0.00037	7.2e-05	1.2e-05	9.96e-06	0.000299%
OTU_2705	True	SJA-4	3.13e-06	0.000285%	0.0	1	0.000148	0.000373	1.69e-05	2.44e-05	0.000731%
OTU_9026	True	ABY1	3.12e-06	0.000284%	0.0	1	0.00041	4.5e-05	9.46e-05	7.75e-06	0.000233%
OTU_8865	True	TM7-1	3.12e-06	0.000284%	0.0	1	0.0	0.000752	0.000233	1.71e-05	0.000512%
OTU_10899	True	OP11-4	3.12e-06	0.000284%	0.0	1	0.000333	1.61e-06	0.0	6.74e-06	0.000202%
OTU_8146	True	ABY1	3.11e-06	0.000283%	0.0	1	0.000159	0.0	0.0	6.44e-06	0.000193%
OTU_8122	True	ABY1	3.11e-06	0.000283%	0.0	1	0.000215	1.23e-05	0.0	6.32e-06	0.00019%
OTU_6088	True	ABY1	3.1e-06	0.000283%	0.0	1	0.000537	7.22e-05	3.04e-05	9.74e-06	0.000292%
OTU_1449	True	PBS-25	3.1e-06	0.000282%	0.0	1	0.0151	0.00193	0.00367	5.37e-06	0.000161%
OTU_6315	True	K2-4-19	3.1e-06	0.000282%	0.0	1	0.000197	0.0	0.0	5.77e-06	0.000173%
L86	False	ABY1	3.1e-06	0.000282%	0.0	1	0.000949	5.62e-05	0.0	6.3e-06	0.000189%
OTU_343	True	koll11	3.09e-06	0.000281%	0.0	1	0.000738	7.6e-05	0.000316	1.52e-05	0.000455%
OTU_1101	True	koll11	3.09e-06	0.000281%	0.0	1	0.00135	0.000124	0.000325	1.13e-05	0.00034%
L1274	False	TM7	3.09e-06	0.000281%	0.0	1	0.00069	0.000223	1.63e-05	1.39e-05	0.000418%
OTU_1020	True	PBS-25	3.08e-06	0.00028%	0.0	1	0.000389	0.0	2.81e-05	7.18e-06	0.000216%
L463	False	OP11-4	3.07e-06	0.00028%	0.0	1	0.000307	8.11e-05	4.27e-06	9.62e-06	0.000289%
OTU_8527	True	ABY1	3.07e-06	0.00028%	0.0	1	4.32e-06	0.000125	0.000315	1.38e-05	0.000416%
OTU_6095	True	ZB2	3.07e-06	0.00028%	0.0	1	0.00143	0.000717	0.000127	1.73e-05	0.000518%
OTU_5496	True	ZB2	3.07e-06	0.00028%	0.0	1	0.00161	0.00107	0.000918	0.000104	0.00311%
L500	False	OP11-4	3.07e-06	0.000279%	0.0	1	0.000335	4.1e-06	0.0	4.63e-06	0.000139%
OTU_6634	True	K2-4-19	3.06e-06	0.000278%	0.0	1	0.000253	6.09e-06	0.0	3.67e-06	0.00011%
L786	False	PBS-25	3.03e-06	0.000276%	0.0	1	0.0012	8.65e-05	0.000295	8.78e-06	0.000264%
L878	False	koll11	3.03e-06	0.000276%	0.0	1	0.00924	0.00314	0.00235	8.99e-06	0.00027%
OTU_8023	True	ABY1	3.03e-06	0.000275%	0.0	1	1.12e-05	0.000249	0.0	9.28e-06	0.000279%
L1564	False	ZB2	3.02e-06	0.000275%	0.0	1	0.00511	0.0012	0.000741	4.04e-06	0.000121%
OTU_6572	True	ZB2	3.01e-06	0.000274%	0.0	1	0.00148	0.000459	4.01e-05	7.55e-06	0.000227%

OTU_907	True	koll11	3e-06	0.000273%	0.0	1	0.00316	0.000176	0.000751	5.43e-06	0.000163%
OTU_4008	True	koll11	2.99e-06	0.000272%	0.0	1	0.00331	0.000229	0.000764	6.99e-06	0.00021%
L1186	False	GIF10	2.98e-06	0.000272%	0.0	1	0.000294	0.0	0.0	4.32e-06	0.00013%
OTU_8299	True	ABY1	2.98e-06	0.000271%	0.0	1	1.42e-05	0.00124	0.00102	7.93e-06	0.000238%
L1703	False	OD1	2.96e-06	0.00027%	0.0	1	0.000893	4.63e-05	0.0	4.93e-06	0.000148%
L720	False	PBS-25	2.95e-06	0.000269%	0.0	1	0.00325	0.000787	0.000492	9.48e-06	0.000285%
L1339	False	ZB2	2.95e-06	0.000268%	0.0	1	0.00164	0.000696	0.000174	8.7e-06	0.000261%
OTU_386	True	PBS-25	2.93e-06	0.000267%	0.0	1	0.00143	0.0	3.33e-06	6.25e-06	0.000187%
OTU_6041	True	ZB2	2.93e-06	0.000267%	0.0	1	0.0015	0.000541	0.000738	3.39e-05	0.00102%
OTU_315	True	PBS-25	2.93e-06	0.000266%	0.0	1	0.0041	0.000778	7.66e-05	4.14e-06	0.000124%
L586	False	PRR-12	2.91e-06	0.000265%	0.0	1	0.00186	5.55e-05	1.25e-05	3.26e-06	9.79e-05%
OTU_8916	True	MJK10	2.91e-06	0.000265%	0.0	1	0.00074	0.00029	0.000562	4.95e-05	0.00148%
OTU_4028	True	koll11	2.9e-06	0.000264%	0.0	1	0.000652	4.96e-05	0.0	6.25e-06	0.000187%
OTU_6437	True	ZB2	2.89e-06	0.000263%	0.0	1	0.000406	8.12e-05	7.05e-06	6.86e-06	0.000206%
OTU_4177	True	koll11	2.89e-06	0.000263%	0.0	1	0.000676	6.15e-05	2.55e-05	7.52e-06	0.000226%
OTU_477	True	PRR-12	2.89e-06	0.000263%	0.0	1	0.000753	0.0	0.0	6.29e-06	0.000189%
OTU_7009	True	ZB2	2.89e-06	0.000263%	0.0	1	0.000359	0.0	0.0	5.84e-06	0.000175%
OTU_9291	True	ABY1	2.89e-06	0.000263%	0.0	1	0.000238	2.02e-05	0.0	7.66e-06	0.00023%
L242	False	ABY1	2.87e-06	0.000262%	0.0	1	0.0065	0.00147	0.000985	6.26e-06	0.000188%
OTU_5449	True	OD1	2.87e-06	0.000262%	0.0	1	0.000655	9.22e-05	3.41e-05	5.57e-06	0.000167%
L1620	False	ZB2	2.86e-06	0.000261%	0.0	1	0.00171	0.00224	0.000688	4.13e-05	0.00124%
OTU_495	True	koll11	2.86e-06	0.000261%	0.0	1	0.00077	0.00015	0.0	7.66e-06	0.00023%
OTU_8164	True	Mb-NB09	2.86e-06	0.00026%	0.0	1	0.000572	0.00104	4.89e-05	1.45e-05	0.000434%
OTU_9271	True	ABY1	2.84e-06	0.000258%	0.0	1	0.000108	7.06e-07	0.0	5.94e-06	0.000178%
L102	False	ABY1	2.84e-06	0.000258%	0.0	1	0.00131	0.000126	1.21e-05	4.67e-06	0.00014%
OTU_8664	True	OD1	2.82e-06	0.000256%	0.0	1	0.000101	1.06e-06	0.0	7.47e-06	0.000224%
L747	False	PBS-25	2.82e-06	0.000256%	0.0	1	0.00763	0.000621	0.00253	6.5e-06	0.000195%
L848	False	koll11	2.81e-06	0.000256%	0.0	1	0.00598	0.000602	0.00294	1.19e-05	0.000357%
L550	False	SJA-4	2.81e-06	0.000256%	0.0	1	0.000551	0.0	0.00012	1.03e-05	0.00031%
OTU_2347	True	SJA-4	2.8e-06	0.000255%	0.0	1	0.000595	5.49e-05	4.49e-05	9.34e-06	0.00028%
OTU_4757	True	ZB2	2.8e-06	0.000255%	0.0	1	0.00034	0.000274	1.98e-05	1.94e-05	0.000584%
OTU_451	True	PRR-10	2.8e-06	0.000255%	0.0	1	0.00827	0.00122	0.000468	3.82e-06	0.000115%
OTU_8832	True	Mb-NB09	2.79e-06	0.000254%	0.0	1	0.00048	6.4e-06	1.81e-05	7e-06	0.00021%
L1219	False	koll11	2.78e-06	0.000253%	0.0	1	0.000155	0.000275	0.0	1.85e-05	0.000554%
L398	False	ABY1	2.78e-06	0.000253%	0.0	1	0.001	0.000276	0.000132	1.14e-05	0.000342%
OTU_5902	True	OD1	2.77e-06	0.000252%	0.0	1	0.00038	1.77e-07	5.48e-06	4.04e-06	0.000121%
OTU_4014	True	GIF10	2.77e-06	0.000252%	0.0	1	0.0	9.68e-05	0.000368	1.7e-05	0.000511%
OTU_996	True	PBS-25	2.77e-06	0.000252%	0.0	1	0.000551	1.6e-05	0.0	5.43e-06	0.000163%
OTU_552	True	koll11	2.77e-06	0.000252%	0.0	1	0.00054	6.39e-05	1.61e-05	9.98e-06	0.000299%
OTU_395	True	koll11	2.76e-06	0.000252%	0.0	1	0.000933	2.89e-05	6.94e-05	4.13e-06	0.000124%
OTU_9077	True	OD1	2.76e-06	0.000251%	0.0	1	0.000346	0.0	2.8e-06	7.59e-06	0.000228%
OTU_288	True	PBS-25	2.75e-06	0.00025%	0.0	1	0.00182	0.000787	0.000488	1.83e-05	0.00055%
L339	False	OD1	2.74e-06	0.00025%	0.0	1	0.000674	5.8e-05	9.01e-06	6.34e-06	0.00019%
OTU_7973	True	ABY1	2.74e-06	0.00025%	0.0	1	0.0	0.000638	0.000458	1.45e-05	0.000436%
OTU_600	True	PBS-25	2.74e-06	0.000249%	0.0	1	0.000446	3.22e-06	2.47e-05	6.35e-06	0.00019%
OTU_5236	True	OD1	2.73e-06	0.000249%	0.0	1	0.000443	5.63e-05	2.8e-06	4.67e-06	0.00014%
OTU_299	True	PBS-25	2.72e-06	0.000247%	0.0	1	0.00119	0.000211	0.000225	7.6e-06	0.000228%
L1484	False	ZB2	2.72e-06	0.000247%	0.0	1	0.00344	0.00123	0.000578	9.09e-06	0.000273%
OTU_371	True	koll11	2.72e-06	0.000247%	0.0	1	0.000562	0.000121	0.000266	1.87e-05	0.000562%
OTU_8249	True	ABY1	2.7e-06	0.000245%	0.0	1	0.00169	0.000318	0.000188	9.09e-06	0.000273%
OTU_7966	True	ZB2	2.7e-06	0.000245%	0.0	1	0.0	0.000347	6.39e-05	7.97e-06	0.000239%
OTU_35	True	GIF10	2.69e-06	0.000245%	0.0	1	0.000728	0.0	1.17e-07	4.33e-06	0.00013%
OTU_2207	True	PBS-25	2.69e-06	0.000245%	0.0	1	0.00158	9.2e-05	0.000121	9.17e-06	0.000275%
OTU_9016	True	ABY1	2.68e-06	0.000244%	0.0	1	0.000206	1.52e-05	5.83e-08	5.59e-06	0.000168%
OTU_833	True	koll11	2.66e-06	0.000242%	0.0	1	0.00101	8.59e-06	1.77e-05	2.96e-06	8.88e-05%
OTU_1263	True	PBS-25	2.65e-06	0.000241%	0.0	1	0.000387	0.0	0.0	5.62e-06	0.000169%
OTU_6568	True	ZB2	2.65e-06	0.000241%	0.0	1	0.000209	0.0	0.0	4.86e-06	0.000146%
OTU_7945	True	ABY1	2.65e-06	0.000241%	0.0	1	0.000366	8.14e-06	1.77e-05	5.72e-06	0.000172%
OTU_7944	True	ABY1	2.64e-06	0.000241%	0.0	1	0.00043	0.0	2.43e-05	6.06e-06	0.000182%
L387	False	Bacteria	2.64e-06	0.000241%	0.0	1	0.848	0.853	0.92	2.04e-05	0.000613%
OTU_2434	True	SBRH58	2.64e-06	0.00024%	0.0	1	0.0	9.97e-05	0.0	6.23e-06	0.000187%
L1730	False	Mb-NB09	2.63e-06	0.00024%	0.0	1	0.00235	0.0013	0.000604	2.22e-05	0.000666%
L1612	False	ZB2	2.62e-06	0.000239%	0.0	1	0.00122	8.34e-05	2.51e-05	3.67e-06	0.00011%
L252	False	ABY1	2.62e-06	0.000238%	0.0	1	0.000596	0.000235	3.87e-05	8.92e-06	0.000268%
OTU_5654	True	OD1	2.61e-06	0.000237%	0.0	1	0.000102	0.0	0.0	5.52e-06	0.000166%

OTU_9156	True	Mb-NB09	2.61e-06	0.000237%	0.0	1	0.000215	2.78e-05	0.0	8.04e-06	0.000241%
OTU_9728	True	ZB2	2.6e-06	0.000237%	0.0	1	0.000136	8.63e-06	0.0	6.78e-06	0.000203%
L206	False	ABY1	2.59e-06	0.000236%	0.0	1	0.00165	0.000284	1.77e-05	4.73e-06	0.000142%
L204	False	ABY1	2.58e-06	0.000235%	0.0	1	0.00165	0.000317	0.000605	1.23e-05	0.000369%
L1077	False	koll11	2.57e-06	0.000234%	0.0	1	0.00178	0.000112	0.0	4.26e-06	0.000128%
L1666	False	OD1	2.57e-06	0.000234%	0.0	1	0.00295	0.00181	0.00056	1.23e-05	0.00037%
OTU_7005	True	ZB2	2.57e-06	0.000234%	0.0	1	0.000267	0.0	0.0	5.49e-06	0.000165%
OTU_10779	True	OP11-4	2.57e-06	0.000234%	0.0	1	0.000849	0.000174	4.02e-05	4.52e-06	0.000136%
OTU_7212	True	ZB2	2.56e-06	0.000233%	0.0	1	0.000148	3.99e-06	2.35e-07	5.72e-06	0.000172%
OTU_5493	True	ZB2	2.55e-06	0.000232%	0.0	1	0.000566	0.0	0.0	3.18e-06	9.54e-05%
L1726	False	Mb-NB09	2.55e-06	0.000232%	0.0	1	0.00321	0.00148	0.000738	1.25e-05	0.000374%
OTU_5588	True	OD1	2.54e-06	0.000232%	0.0	1	0.000619	1.32e-05	8.64e-06	4.58e-06	0.000138%
OTU_5931	True	OD1	2.54e-06	0.000231%	0.0	1	0.000801	0.000116	6.94e-05	6.28e-06	0.000188%
L1695	False	Mb-NB09	2.54e-06	0.000231%	0.0	1	0.000955	0.000236	4.65e-05	4.77e-06	0.000143%
L1858	False	OD1	2.53e-06	0.00023%	0.0	1	0.000259	8.2e-07	1.54e-05	4.48e-06	0.000134%
OTU_7138	True	ABY1	2.52e-06	0.00023%	0.0	1	5.73e-05	1.06e-05	0.000782	8.59e-06	0.000258%
L1521	False	ZB2	2.52e-06	0.000229%	0.0	1	0.00203	0.000663	8.04e-05	5.03e-06	0.000151%
OTU_7383	True	ABY1	2.52e-06	0.000229%	0.0	1	0.000239	1.9e-05	0.0	5.8e-06	0.000174%
L15	False	ABY1	2.51e-06	0.000229%	0.0	1	0.00125	0.00078	0.0	1.05e-05	0.000316%
L554	False	SJA-4	2.51e-06	0.000228%	0.0	1	0.000595	0.00027	4.59e-05	1.6e-05	0.00048%
OTU_5495	True	ZB2	2.51e-06	0.000228%	0.0	1	0.000589	0.000128	7.77e-06	6.89e-06	0.000207%
L1001	False	koll11	2.5e-06	0.000228%	0.0	1	0.00164	0.000538	0.000805	2.39e-05	0.000716%
OTU_29	True	ZB2	2.5e-06	0.000228%	0.0	1	0.00151	0.000322	0.000462	9.07e-06	0.000272%
L1819	False	OD1	2.5e-06	0.000228%	0.0	1	0.00112	0.000233	2.88e-05	6.57e-06	0.000197%
OTU_6057	True	ABY1	2.49e-06	0.000227%	0.0	1	0.000323	6.92e-05	0.0	1.13e-05	0.000338%
L238	False	ABY1	2.48e-06	0.000226%	0.0	1	0.000741	1.77e-06	2.25e-05	4.8e-06	0.000144%
OTU_4894	True	GIF10	2.48e-06	0.000226%	0.0	1	0.000191	0.0	0.0	5.23e-06	0.000157%
L1850	False	OD1	2.47e-06	0.000225%	0.0	1	0.000265	7.74e-06	6.45e-05	9.27e-06	0.000278%
L886	False	koll11	2.47e-06	0.000225%	0.0	1	0.00146	0.00145	0.000255	1.73e-05	0.000519%
OTU_8159	True	ABY1	2.46e-06	0.000224%	0.0	1	0.0	0.000228	5.45e-06	9.57e-06	0.000287%
OTU_5515	True	ZB2	2.44e-06	0.000222%	0.0	1	0.000305	1.6e-06	5.5e-07	5.37e-06	0.000161%
L1896	False	OD1	2.42e-06	0.000222%	0.0	1	0.000912	0.000219	2.74e-05	5.1e-06	0.000153%
OTU_3125	True	koll11	2.42e-06	0.000222%	0.0	1	0.000353	0.000403	1.57e-05	1.76e-05	0.000528%
L1517	False	OD1	2.42e-06	0.000222%	0.0	1	0.00053	0.000136	0.00101	1.65e-05	0.000495%
OTU_2634	True	PBS-25	2.41e-06	0.000219%	0.0	1	0.00284	0.000459	0.000428	6.55e-06	0.000196%
OTU_5995	True	SM2F11	2.41e-06	0.000219%	0.0	1	0.000209	3.15e-05	0.000161	1.65e-05	0.000496%
OTU_6591	True	ZB2	2.4e-06	0.000219%	0.0	1	0.000285	0.0	0.0	4.86e-06	0.000146%
OTU_4491	True	koll11	2.4e-06	0.000218%	0.0	1	0.000225	0.0	0.0	5.06e-06	0.000152%
OTU_6662	True	ZB2	2.38e-06	0.000217%	0.0	1	6.32e-07	0.000395	0.00104	9.35e-06	0.000281%
L1803	False	OD1	2.38e-06	0.000216%	0.0	1	0.000614	0.0	0.0	3.19e-06	9.56e-05%
OTU_5240	True	ZB2	2.38e-06	0.000216%	0.0	1	0.000351	0.000183	7.2e-06	8.53e-06	0.000256%
OTU_8868	True	ABY1	2.37e-06	0.000216%	0.0	1	0.00013	2.44e-05	6.59e-07	6.19e-06	0.000186%
OTU_6835	True	OD1	2.37e-06	0.000216%	0.0	1	0.000132	0.00055	1.29e-05	1.37e-05	0.000411%
OTU_6231	True	ZB2	2.37e-06	0.000216%	0.0	1	3.34e-06	0.000318	1.02e-06	6.56e-06	0.000197%
OTU_608	True	koll11	2.37e-06	0.000215%	0.0	1	0.00323	0.000533	0.00079	6.21e-06	0.000186%
L1196	False	koll11	2.36e-06	0.000215%	0.0	1	0.00269	0.00159	0.000608	1.57e-05	0.000472%
OTU_5881	True	OD1	2.35e-06	0.000214%	0.0	1	0.000605	0.000171	0.000202	1.12e-05	0.000335%
OTU_6966	True	OD1	2.34e-06	0.000213%	0.0	1	0.000234	0.0	0.0	4.7e-06	0.000141%
OTU_52	True	ZB2	2.34e-06	0.000213%	0.0	1	0.000143	7.1e-06	0.0	5.6e-06	0.000168%
L935	False	koll11	2.33e-06	0.000212%	0.0	1	0.000865	0.000154	0.0	5.37e-06	0.000161%
OTU_7327	True	ABY1	2.32e-06	0.000212%	0.0	1	4.06e-07	0.000516	7.37e-05	5.26e-06	0.000158%
OTU_8012	True	ZB2	2.32e-06	0.000211%	0.0	1	0.00148	0.00085	0.000156	1.63e-05	0.000488%
OTU_5343	True	ZB2	2.31e-06	0.00021%	0.0	1	0.000561	6.67e-05	2.23e-05	4.98e-06	0.000149%
L1590	False	OD1	2.31e-06	0.00021%	0.0	1	0.0109	0.0144	0.00629	2.71e-05	0.000813%
L1616	False	ZB2	2.3e-06	0.000209%	0.0	1	0.000492	1.85e-05	4.63e-05	5.75e-06	0.000172%
OTU_7843	True	ABY1	2.29e-06	0.000208%	0.0	1	0.00278	0.00169	0.00016	9.61e-06	0.000288%
L460	False	OP11-4	2.28e-06	0.000208%	0.0	1	0.000689	9.41e-05	0.00053	1.4e-05	0.000419%
OTU_328	True	koll11	2.28e-06	0.000207%	0.0	1	0.000341	0.0	0.0	4.68e-06	0.00014%
OTU_8163	True	ABY1	2.27e-06	0.000207%	0.0	1	0.000198	0.000152	0.0	1.28e-05	0.000385%
L1075	False	koll11	2.26e-06	0.000206%	0.0	1	0.00199	0.000112	0.0	3.25e-06	9.74e-05%
L558	False	SJA-4	2.26e-06	0.000206%	0.0	1	0.00186	0.000761	0.0006	2.66e-05	0.000799%
OTU_1583	True	koll11	2.26e-06	0.000206%	0.0	1	0.000223	3.19e-06	1.23e-05	5.2e-06	0.000156%
OTU_8180	True	EW055	2.26e-06	0.000205%	0.0	1	0.0	0.0	0.000806	5.78e-06	0.000174%
OTU_7231	True	ABY1	2.25e-06	0.000205%	0.0	1	0.000235	0.0	0.0	3.46e-06	0.000104%
OTU_5490	True	Mb-NB09	2.24e-06	0.000204%	0.0	1	0.000622	4.53e-05	0.0	5.29e-06	0.000159%

L655	False	koll11	2.23e-06	0.000203%	0.0	1	0.00854	0.00113	0.00272	4.24e-06	0.000127%
OTU_2809	True	SJA-4	2.21e-06	0.000201%	0.0	1	0.0	0.000186	0.0	6.09e-06	0.000183%
OTU_7052	True	ABY1	2.21e-06	0.000201%	0.0	1	0.0009	7.76e-05	0.0	5.6e-06	0.000168%
L1631	False	ZB2	2.2e-06	0.0002%	0.0	1	0.00296	0.00174	0.00124	3.38e-05	0.00101%
OTU_2801	True	PBS-25	2.2e-06	0.0002%	0.0	1	1.37e-05	0.000307	5.83e-08	6.69e-06	0.000201%
L734	False	PBS-25	2.2e-06	0.0002%	0.0	1	0.0053	0.000989	0.000302	2.87e-06	8.63e-05%
L1344	False	ZB2	2.2e-06	0.0002%	0.0	1	0.000483	0.000277	1.98e-05	9.79e-06	0.000294%
L1185	False	GIF10	2.19e-06	0.000199%	0.0	1	0.000975	0.000144	5.51e-05	3.81e-06	0.000114%
OTU_5528	True	ZB2	2.18e-06	0.000199%	0.0	1	0.00017	4.08e-05	6.68e-06	6.54e-06	0.000196%
L1628	False	ZB2	2.18e-06	0.000199%	0.0	1	0.00493	0.00259	0.00139	1.62e-05	0.000486%
OTU_1282	True	PRR-12	2.18e-06	0.000199%	0.0	1	0.00057	3.65e-05	1.57e-06	4.71e-06	0.000141%
L1351	False	OD1	2.17e-06	0.000198%	0.0	1	0.00302	0.00146	0.00121	2.65e-05	0.000795%
L1648	False	ZB2	2.17e-06	0.000198%	0.0	1	0.000375	0.000153	8.45e-06	6.21e-06	0.000187%
L1087	False	koll11	2.16e-06	0.000197%	0.0	1	0.000572	0.000143	6.83e-05	8.15e-06	0.000245%
OTU_6469	True	OD1	2.16e-06	0.000196%	0.0	1	0.00276	0.000486	0.000254	5.36e-06	0.000161%
OTU_7975	True	ABY1	2.16e-06	0.000196%	0.0	1	0.00093	0.000584	5.62e-06	8.13e-06	0.000244%
OTU_5531	True	OD1	2.15e-06	0.000196%	0.0	1	0.000271	1.02e-06	0.0	3.85e-06	0.000115%
OTU_6282	True	OD1	2.15e-06	0.000196%	0.0	1	0.0	0.000119	0.0	5.87e-06	0.000176%
OTU_310	True	koll11	2.15e-06	0.000196%	0.0	1	0.000763	0.000213	3.12e-05	9.59e-06	0.000288%
L1525	False	ZB2	2.15e-06	0.000196%	0.0	1	0.000436	0.000204	3.97e-05	9.34e-06	0.00028%
OTU_227	True	koll11	2.14e-06	0.000195%	0.0	1	0.00157	0.000279	0.000281	8.24e-06	0.000247%
OTU_7983	True	ABY1	2.14e-06	0.000195%	0.0	1	0.0	0.000356	0.000348	1.3e-05	0.000392%
L662	False	koll11	2.14e-06	0.000195%	0.0	1	0.0034	0.000712	0.000405	5.6e-06	0.000168%
OTU_4887	True	koll11	2.14e-06	0.000195%	0.0	1	0.000407	3.7e-06	3.38e-05	4.14e-06	0.000124%
OTU_8786	True	ABY1	2.14e-06	0.000194%	0.0	1	6.31e-05	0.000248	4.6e-06	1.22e-05	0.000367%
OTU_588	True	koll11	2.13e-06	0.000194%	0.0	1	0.000186	8.07e-06	0.0	4.51e-06	0.000135%
L740	False	PBS-25	2.13e-06	0.000194%	0.0	1	0.00118	0.000103	0.000935	1.59e-05	0.000476%
L1643	False	ZB2	2.13e-06	0.000194%	0.0	1	0.001	0.000309	0.000815	2.04e-05	0.000613%
OTU_6779	True	ZB2	2.13e-06	0.000194%	0.0	1	4.01e-06	0.0	0.00018	5.84e-06	0.000175%
L772	False	PBS-25	2.13e-06	0.000194%	0.0	1	0.00313	0.00035	0.00032	5.12e-06	0.000154%
L1067	False	koll11	2.13e-06	0.000193%	0.0	1	0.00064	3.78e-05	0.000154	6.62e-06	0.000199%
L1394	False	ZB2	2.12e-06	0.000193%	0.0	1	0.00388	0.00283	0.00171	2.93e-05	0.00088%
OTU_8932	True	Mb-NB09	2.11e-06	0.000192%	0.0	1	0.000444	0.000101	2.21e-05	6.51e-06	0.000195%
OTU_6089	True	SM2F11	2.11e-06	0.000192%	0.0	1	0.000253	9.43e-05	0.0	1.03e-05	0.000311%
L684	False	koll11	2.11e-06	0.000192%	0.0	1	0.000839	2.9e-05	2.42e-05	4.79e-06	0.000144%
OTU_7592	True	ZB2	2.11e-06	0.000192%	0.0	1	0.0	0.0	0.000241	5.33e-06	0.00016%
OTU_9808	True	TM7-1	2.11e-06	0.000192%	0.0	1	0.000243	0.0	0.0	4.28e-06	0.000128%
OTU_7092	True	OD1	2.09e-06	0.00019%	0.0	1	3.38e-05	0.000282	8.26e-06	8.67e-06	0.00026%
OTU_4959	True	ZB2	2.09e-06	0.00019%	0.0	1	0.000259	1.11e-05	7.7e-06	7.34e-06	0.00022%
OTU_7233	True	ABY1	2.08e-06	0.000189%	0.0	1	0.00315	0.000925	0.000203	7.29e-06	0.000219%
OTU_8222	True	ABY1	2.07e-06	0.000188%	0.0	1	8.92e-05	0.0	5.83e-08	3.75e-06	0.000113%
OTU_998	True	PBS-25	2.07e-06	0.000188%	0.0	1	0.000369	0.0	0.0	4.29e-06	0.000129%
OTU_8928	True	TM7-1	2.06e-06	0.000188%	0.0	1	0.000295	6.96e-05	1.81e-05	8.35e-06	0.000251%
L754	False	PBS-25	2.06e-06	0.000187%	0.0	1	0.00138	0.000117	0.00176	1.29e-05	0.000388%
L1670	False	OD1	2.04e-06	0.000186%	0.0	1	0.00232	0.00167	0.00056	1.73e-05	0.000518%
OTU_2571	True	PBS-25	2.03e-06	0.000185%	0.0	1	0.000213	1.2e-05	4.1e-06	5.15e-06	0.000154%
OTU_5423	True	OD1	2.03e-06	0.000185%	0.0	1	7.85e-05	0.0	0.0	4.1e-06	0.000123%
L462	False	OP11-4	2.03e-06	0.000185%	0.0	1	0.000639	9.12e-05	8.46e-05	5.15e-06	0.000155%
OTU_178	True	koll11	2.02e-06	0.000184%	0.0	1	0.00102	0.000171	0.000229	8.56e-06	0.000257%
OTU_1094	True	PBS-25	2.02e-06	0.000184%	0.0	1	0.00115	0.000117	5.54e-05	4.34e-06	0.00013%
OTU_6542	True	OD1	2.02e-06	0.000184%	0.0	1	0.000204	0.000695	3.52e-05	9.01e-06	0.00027%
OTU_262	True	koll11	2.02e-06	0.000184%	0.0	1	0.00746	0.00112	0.00168	4.88e-06	0.000147%
L1734	False	Mb-NB09	2.01e-06	0.000183%	0.0	1	0.000779	0.00104	4.89e-05	9.34e-06	0.00028%
OTU_3998	True	koll11	2.01e-06	0.000183%	0.0	1	0.000215	1.8e-05	3.95e-05	6.03e-06	0.000181%
OTU_10765	True	OP11-4	2.01e-06	0.000183%	0.0	1	0.000593	3.84e-05	6.05e-05	2.82e-06	8.46e-05%
OTU_7343	True	ABY1	2e-06	0.000182%	0.0	1	4.06e-07	0.00062	0.00089	1.02e-05	0.000307%
L657	False	koll11	2e-06	0.000182%	0.0	1	0.00523	0.000899	0.00195	7.32e-06	0.00022%
OTU_307	True	koll11	1.99e-06	0.000181%	0.0	1	0.0034	0.000292	0.000849	4.62e-06	0.000139%
L1070	False	koll11	1.98e-06	0.00018%	0.0	1	0.000671	5.59e-06	2.98e-06	4.67e-06	0.00014%
OTU_5951	True	OD1	1.97e-06	0.00018%	0.0	1	0.000143	1.43e-05	5.49e-06	5.4e-06	0.000162%
OTU_6598	True	ZB2	1.97e-06	0.000179%	0.0	1	0.0	0.000186	0.000621	6.91e-06	0.000207%
L1134	False	koll11	1.97e-06	0.000179%	0.0	1	0.000988	0.000213	3.12e-05	6.34e-06	0.00019%
L1100	False	koll11	1.97e-06	0.000179%	0.0	1	0.00147	0.000202	0.000565	9.17e-06	0.000275%
OTU_2626	True	SJA-4	1.96e-06	0.000179%	0.0	1	2.99e-05	3.47e-07	0.000456	6.45e-06	0.000194%
OTU_6672	True	ABY1	1.96e-06	0.000179%	0.0	1	6.06e-05	0.000521	0.000177	1.36e-05	0.000408%

L719	False	PBS-25	1.96e-06	0.000178%	0.0	1	0.0036	0.000868	0.000571	5.67e-06	0.00017%
L1481	False	ZB2	1.96e-06	0.000178%	0.0	1	0.000406	0.0	0.0	3.57e-06	0.000107%
L351	False	OD1	1.93e-06	0.000176%	0.0	1	0.0005	9.64e-05	1.26e-05	4.44e-06	0.000133%
OTU_858	True	koll11	1.93e-06	0.000176%	0.0	1	0.000338	2.09e-05	0.0	6.63e-06	0.000199%
OTU_429	True	PBS-25	1.92e-06	0.000175%	0.0	1	0.000511	7.06e-06	0.000266	1.01e-05	0.000303%
OTU_891	True	PRR-12	1.92e-06	0.000174%	0.0	1	0.001	0.000115	5.56e-05	5.24e-06	0.000157%
OTU_8867	True	Mb-NB09	1.91e-06	0.000174%	0.0	1	0.000725	0.000254	0.000535	2.85e-05	0.000855%
OTU_8198	True	OD1	1.91e-06	0.000174%	0.0	1	0.000134	3.14e-05	2.67e-06	7.07e-06	0.000212%
L1127	False	koll11	1.9e-06	0.000173%	0.0	1	0.000779	8.2e-05	2.84e-05	5.64e-06	0.000169%
OTU_811	True	koll11	1.9e-06	0.000173%	0.0	1	0.000345	0.0	1.12e-05	2.79e-06	8.37e-05%
L915	False	OP3	1.9e-06	0.000173%	0.0	1	0.000992	6.85e-05	3.89e-06	2.54e-06	7.61e-05%
OTU_6922	True	OD1	1.86e-06	0.00017%	0.0	1	0.000233	5.13e-05	2.54e-05	7.84e-06	0.000235%
OTU_6567	True	ZB2	1.86e-06	0.000169%	0.0	1	0.0015	0.000661	0.000385	1.6e-05	0.00048%
L1492	False	ZB2	1.86e-06	0.000169%	0.0	1	0.000719	0.000129	2.05e-05	2.79e-06	8.38e-05%
L1201	False	koll11	1.85e-06	0.000169%	0.0	1	0.00113	0.000403	8.74e-05	6.64e-06	0.000199%
L609	False	PRR-12	1.85e-06	0.000169%	0.0	1	0.000683	0.0	2.96e-06	2.66e-06	7.99e-05%
OTU_6161	True	ABY1	1.85e-06	0.000168%	0.0	1	0.000125	0.0	0.0	3.93e-06	0.000118%
OTU_5514	True	OD1	1.84e-06	0.000168%	0.0	1	0.000117	1.47e-05	0.0	4.99e-06	0.00015%
OTU_4389	True	koll11	1.84e-06	0.000168%	0.0	1	0.00579	0.000271	0.000676	5.37e-06	0.000161%
OTU_9070	True	ABY1	1.84e-06	0.000168%	0.0	1	4.37e-06	0.000222	0.00022	1.14e-05	0.000341%
L340	False	OD1	1.84e-06	0.000168%	0.0	1	0.000447	3.18e-05	4.53e-06	4.54e-06	0.000136%
OTU_549	True	koll11	1.84e-06	0.000167%	0.0	1	0.000197	0.0	2.14e-05	4.44e-06	0.000133%
OTU_7207	True	ZB2	1.83e-06	0.000167%	0.0	1	8.43e-05	1.73e-06	1.68e-06	3.96e-06	0.000119%
L1707	False	Mb-NB09	1.83e-06	0.000167%	0.0	1	0.000848	6.97e-05	3.59e-05	3.04e-06	9.13e-05%
L1118	False	koll11	1.83e-06	0.000167%	0.0	1	0.00347	0.000292	0.000849	4.1e-06	0.000123%
OTU_10850	True	OP11-4	1.83e-06	0.000166%	0.0	1	9.67e-05	0.0	0.0	3.29e-06	9.87e-05%
L280	False	ABY1	1.82e-06	0.000166%	0.0	1	0.000339	2.02e-05	0.0	3.55e-06	0.000107%
OTU_904	True	koll11	1.82e-06	0.000166%	0.0	1	0.000371	7.9e-06	0.0	3.01e-06	9.04e-05%
OTU_7938	True	ABY1	1.82e-06	0.000165%	0.0	1	0.00024	1.77e-06	2.25e-05	3.87e-06	0.000116%
OTU_10809	True	OP11-4	1.82e-06	0.000165%	0.0	1	0.000247	3.82e-05	0.0	3.82e-06	0.000115%
OTU_2412	True	SJA-4	1.82e-06	0.000165%	0.0	1	0.000143	6.91e-06	0.0	4.32e-06	0.00013%
OTU_8172	True	EW055	1.81e-06	0.000165%	0.0	1	3.64e-06	0.0	0.000373	4.96e-06	0.000149%
OTU_6976	True	ZB2	1.81e-06	0.000165%	0.0	1	0.000258	2.17e-05	1.91e-05	6.68e-06	0.0002%
L1168	False	GIF10	1.81e-06	0.000165%	0.0	1	0.00107	0.000803	3.73e-05	7.43e-06	0.000223%
OTU_6953	True	ZB2	1.8e-06	0.000164%	0.0	1	0.0	0.000331	0.0	2.72e-06	8.17e-05%
L515	False	OP11-3	1.8e-06	0.000164%	0.0	1	0.000692	0.000407	5.68e-05	1.25e-05	0.000376%
OTU_6680	True	OD1	1.8e-06	0.000164%	0.0	1	0.00022	0.0	1.29e-05	2.84e-06	8.51e-05%
OTU_2194	True	koll11	1.8e-06	0.000164%	0.0	1	0.00102	1.04e-05	0.000807	6.9e-06	0.000207%
L34	False	ABY1	1.8e-06	0.000164%	0.0	1	0.000354	1.52e-05	1.5e-05	3.13e-06	9.38e-05%
L1880	False	OD1	1.8e-06	0.000164%	0.0	1	0.000266	3.77e-05	1.32e-05	4.41e-06	0.000132%
OTU_8239	True	ABY1	1.79e-06	0.000163%	0.0	1	0.000195	1.3e-06	0.0	3.5e-06	0.000105%
OTU_2529	True	GIF10	1.77e-06	0.000162%	0.0	1	0.000434	2.01e-05	1.11e-05	3.99e-06	0.00012%
L1200	False	koll11	1.77e-06	0.000161%	0.0	1	0.00149	0.000807	0.000103	7.64e-06	0.000229%
OTU_892	True	BD4-9	1.76e-06	0.000161%	0.0	1	0.000251	0.0	0.0	4.29e-06	0.000129%
L1172	False	GIF10	1.76e-06	0.00016%	0.0	1	0.000926	0.000293	3.73e-05	4.7e-06	0.000141%
OTU_7929	True	OD1	1.76e-06	0.00016%	0.0	1	8.22e-05	0.0	6.52e-07	3.67e-06	0.00011%
OTU_672	True	koll11	1.76e-06	0.00016%	0.0	1	0.000709	0.000292	0.000149	1.39e-05	0.000417%
L1773	False	OD1	1.76e-06	0.00016%	0.0	1	0.000573	0.000285	5.7e-05	8.05e-06	0.000242%
OTU_8267	True	ABY1	1.75e-06	0.000159%	0.0	1	7.59e-06	0.00236	0.00209	5.46e-06	0.000164%
OTU_8201	True	ABY1	1.75e-06	0.000159%	0.0	1	0.000125	2.63e-05	5.83e-08	4.46e-06	0.000134%
L944	False	koll11	1.75e-06	0.000159%	0.0	1	0.00421	0.00108	0.000843	3.11e-06	9.33e-05%
OTU_7219	True	ZB2	1.74e-06	0.000159%	0.0	1	3.3e-05	0.000269	0.0	5.98e-06	0.00018%
OTU_293	True	koll11	1.74e-06	0.000159%	0.0	1	0.000396	0.000168	9.72e-05	1.91e-05	0.000573%
OTU_4010	True	koll11	1.73e-06	0.000158%	0.0	1	0.000467	0.000332	5.77e-06	6.7e-06	0.000201%
L1354	False	ZB2	1.73e-06	0.000157%	0.0	1	0.00277	0.00119	0.000925	1.56e-05	0.000468%
OTU_6069	True	ABY1	1.72e-06	0.000156%	0.0	1	0.000275	3.27e-05	2.8e-05	5.3e-06	0.000159%
OTU_821	True	koll11	1.72e-06	0.000156%	0.0	1	0.000159	0.0	0.0	3.62e-06	0.000109%
L1341	False	ZB2	1.72e-06	0.000156%	0.0	1	0.00061	0.000194	1.49e-05	5.23e-06	0.000157%
OTU_817	True	BD4-9	1.72e-06	0.000156%	0.0	1	0.000102	0.0	0.0	3.1e-06	9.32e-05%
OTU_559	True	koll11	1.7e-06	0.000155%	0.0	1	0.00029	1.26e-05	2.71e-05	4.26e-06	0.000128%
OTU_345	True	koll11	1.69e-06	0.000154%	0.0	1	3.12e-05	4.72e-05	0.000358	1.13e-05	0.000338%
OTU_8006	True	TM7-1	1.69e-06	0.000154%	0.0	1	0.000309	3.49e-05	0.0	4.47e-06	0.000134%
L1623	False	OD1	1.69e-06	0.000154%	0.0	1	0.00026	0.00018	4.84e-05	1.58e-05	0.000474%
OTU_1539	True	PBS-25	1.68e-06	0.000153%	0.0	1	0.00012	0.0	0.0	3.54e-06	0.000106%
OTU_2714	True	koll11	1.68e-06	0.000153%	0.0	1	0.00102	0.000191	0.000647	1.23e-05	0.00037%

OTU_6183	True	WCHB1	1.68e-06	0.000153%	0.0	1	0.000643	0.000351	0.000768	5.69e-05	0.00171%
L225	False	ABY1	1.68e-06	0.000153%	0.0	1	0.00105	0.000715	0.000458	4.13e-05	0.00124%
OTU_6569	True	ZB2	1.67e-06	0.000152%	0.0	1	0.000284	2.37e-05	1.29e-05	3.88e-06	0.000117%
OTU_8050	True	ABY1	1.67e-06	0.000152%	0.0	1	0.000138	3.5e-05	1.42e-07	5.17e-06	0.000155%
L911	False	koll11	1.66e-06	0.000151%	0.0	1	0.000862	0.000289	0.000276	1.08e-05	0.000325%
L202	False	ABY1	1.66e-06	0.000151%	0.0	1	0.00247	0.000323	0.000606	4.5e-06	0.000135%
L1570	False	ZB2	1.65e-06	0.00015%	0.0	1	0.00168	0.00033	0.00048	5.16e-06	0.000155%
L761	False	PBS-25	1.64e-06	0.000149%	0.0	1	0.00213	0.00025	0.000115	6.16e-06	0.000185%
OTU_8219	True	ABY1	1.64e-06	0.000149%	0.0	1	0.000118	7.44e-06	1.02e-05	5.69e-06	0.000171%
OTU_2577	True	PBS-25	1.63e-06	0.000148%	0.0	1	0.000715	7.86e-05	2.68e-05	4.59e-06	0.000138%
OTU_9137	True	ABY1	1.63e-06	0.000148%	0.0	1	0.0	0.000409	0.0	5.13e-06	0.000154%
OTU_10770	True	OP11-4	1.62e-06	0.000148%	0.0	1	0.000211	6.89e-05	2.4e-06	4.74e-06	0.000142%
OTU_509	True	PBS-25	1.62e-06	0.000147%	0.0	1	0.000976	7.84e-05	4.2e-05	4.35e-06	0.00013%
OTU_8227	True	OD1	1.62e-06	0.000147%	0.0	1	0.000101	5.67e-06	1.2e-05	4.85e-06	0.000145%
L1170	False	GIF10	1.62e-06	0.000147%	0.0	1	0.000927	0.000803	3.73e-05	7.37e-06	0.000221%
L237	False	ABY1	1.61e-06	0.000146%	0.0	1	0.00129	0.000118	2.5e-05	2.98e-06	8.94e-05%
OTU_367	True	koll11	1.6e-06	0.000146%	0.0	1	0.000442	3.78e-05	0.000149	6.19e-06	0.000186%
OTU_445	True	koll11	1.6e-06	0.000145%	0.0	1	0.000373	7.14e-05	5.6e-05	5.89e-06	0.000177%
L1303	False	TM7	1.59e-06	0.000145%	0.0	1	0.000674	0.000218	0.000139	9.81e-06	0.000294%
OTU_4122	True	koll11	1.59e-06	0.000144%	0.0	1	0.000706	0.000793	0.000128	1.92e-05	0.000577%
L665	False	koll11	1.58e-06	0.000144%	0.0	1	0.00261	0.000106	0.000278	2.67e-06	8.01e-05%
OTU_9341	True	TM7-1	1.57e-06	0.000143%	0.0	1	0.000192	3.44e-06	2.9e-05	4.12e-06	0.000124%
OTU_2279	True	OP3	1.57e-06	0.000143%	0.0	1	0.00107	3.14e-05	0.0	2.14e-06	6.44e-05%
OTU_6219	True	ZB2	1.57e-06	0.000143%	0.0	1	0.000254	1.89e-05	0.0	4.2e-06	0.000126%
L1651	False	ZB2	1.56e-06	0.000142%	0.0	1	0.000152	6.7e-05	0.000643	9.11e-06	0.000274%
L739	False	PBS-25	1.56e-06	0.000142%	0.0	1	0.00215	0.000181	0.000977	7.48e-06	0.000224%
OTU_3356	True	SBRH58	1.56e-06	0.000142%	0.0	1	0.0003	0.0	5.83e-08	2.55e-06	7.67e-05%
OTU_8749	True	OD1	1.56e-06	0.000142%	0.0	1	0.00037	0.000264	3.57e-05	9.1e-06	0.000273%
OTU_3027	True	SJA-4	1.56e-06	0.000142%	0.0	1	2.96e-05	0.0	0.000222	7.4e-06	0.000222%
OTU_468	True	koll11	1.54e-06	0.000141%	0.0	1	4.74e-05	0.0002	9.23e-06	1.06e-05	0.000318%
OTU_140	True	OD1	1.54e-06	0.00014%	0.0	1	3.83e-05	0.000211	0.000291	3.06e-05	0.000918%
OTU_8990	True	ABY1	1.54e-06	0.00014%	0.0	1	0.0	0.000266	0.000132	8.35e-06	0.000251%
OTU_2202	True	PBS-25	1.54e-06	0.00014%	0.0	1	0.000189	0.0	0.0	3.66e-06	0.00011%
OTU_278	True	koll11	1.54e-06	0.00014%	0.0	1	0.000722	0.000235	8.63e-05	7.02e-06	0.000211%
OTU_860	True	PBS-25	1.53e-06	0.000139%	0.0	1	0.000186	0.0	0.0	4.37e-06	0.000131%
OTU_1432	True	koll11	1.53e-06	0.000139%	0.0	1	0.000414	4.04e-06	0.0	1.75e-06	5.26e-05%
OTU_574	True	koll11	1.52e-06	0.000139%	0.0	1	0.000217	1.35e-06	3.02e-05	4.12e-06	0.000124%
L1875	False	OD1	1.5e-06	0.000136%	0.0	1	0.000817	0.000445	3.98e-05	5.47e-06	0.000164%
L445	False	OP11-4	1.5e-06	0.000136%	0.0	1	0.00119	0.000126	0.000843	8.38e-06	0.000252%
OTU_9374	True	TM7-1	1.5e-06	0.000136%	0.0	1	0.000249	0.0	0.0	2.84e-06	8.54e-05%
L696	False	koll11	1.48e-06	0.000135%	0.0	1	0.00165	0.000863	4.44e-05	3.5e-06	0.000105%
L671	False	koll11	1.48e-06	0.000134%	0.0	1	0.000817	7.27e-05	2.55e-05	3.12e-06	9.37e-05%
OTU_6189	True	ZB2	1.48e-06	0.000134%	0.0	1	0.0	0.000321	6.86e-05	3.17e-06	9.5e-05%
OTU_2009	True	PRR-12	1.47e-06	0.000134%	0.0	1	0.00118	0.000115	0.000168	3.05e-06	9.16e-05%
L245	False	ABY1	1.47e-06	0.000134%	0.0	1	8.94e-05	9.81e-05	0.000806	7.83e-06	0.000235%
OTU_1389	True	GIF10	1.47e-06	0.000133%	0.0	1	0.000891	0.00109	0.00196	7.44e-05	0.00223%
L1114	False	koll11	1.46e-06	0.000133%	0.0	1	0.00342	0.000356	0.0015	5.39e-06	0.000162%
OTU_8936	True	Mb-NB09	1.46e-06	0.000133%	0.0	1	0.0	0.000157	9.73e-06	4.34e-06	0.00013%
OTU_554	True	PRR-12	1.46e-06	0.000133%	0.0	1	0.00038	0.0	2.96e-06	2.99e-06	8.98e-05%
L471	False	OP11-4	1.45e-06	0.000132%	0.0	1	0.000174	2.4e-06	4.83e-06	2.63e-06	7.89e-05%
L1877	False	OD1	1.44e-06	0.000131%	0.0	1	0.000648	0.000329	3.18e-05	5.27e-06	0.000158%
L214	False	ABY1	1.44e-06	0.000131%	0.0	1	0.00022	0.000249	0.0	8.03e-06	0.000241%
L178	False	SM2F11	1.44e-06	0.000131%	0.0	1	0.000499	0.000227	0.000185	1.4e-05	0.000421%
L1202	False	koll11	1.43e-06	0.00013%	0.0	1	0.000961	0.000394	7.3e-05	6.2e-06	0.000186%
L1508	False	OD1	1.41e-06	0.000128%	0.0	1	0.0134	0.00343	0.00626	3.6e-06	0.000108%
OTU_5075	True	GIF10	1.4e-06	0.000128%	0.0	1	0.000104	0.0	0.0	2.27e-06	6.8e-05%
OTU_8213	True	ABY1	1.4e-06	0.000127%	0.0	1	0.000122	7.4e-07	0.0	2.15e-06	6.44e-05%
OTU_981	True	PRR-12	1.4e-06	0.000127%	0.0	1	0.000651	7.56e-07	0.0	2.87e-06	8.62e-05%
OTU_5837	True	OD1	1.39e-06	0.000127%	0.0	1	0.000154	5.95e-06	3.64e-05	5.49e-06	0.000165%
OTU_3769	True	koll11	1.39e-06	0.000127%	0.0	1	0.00119	0.000531	3.86e-05	4.1e-06	0.000123%
OTU_7211	True	ABY1	1.38e-06	0.000126%	0.0	1	7.01e-05	0.0	0.0	3.28e-06	9.85e-05%
L1398	False	ZB2	1.38e-06	0.000126%	0.0	1	0.00152	0.00208	0.000834	3.09e-05	0.000927%
OTU_8021	True	ABY1	1.38e-06	0.000125%	0.0	1	0.000546	0.000116	2.51e-06	4.3e-06	0.000129%
OTU_6995	True	ABY1	1.38e-06	0.000125%	0.0	1	0.000861	0.000256	7.46e-05	3.45e-06	0.000103%
OTU_7959	True	ABY1	1.37e-06	0.000125%	0.0	1	0.000492	0.00024	0.0	6.01e-06	0.00018%

L1266	False	TM7-1	1.37e-06	0.000125%	0.0	1	0.00117	0.000594	5.57e-05	5.07e-06	0.000152%
OTU_454	True	koll11	1.37e-06	0.000125%	0.0	1	0.000415	3.42e-05	2.11e-05	2.57e-06	7.71e-05%
OTU_1232	True	PBS-25	1.36e-06	0.000124%	0.0	1	0.00185	6.75e-05	7.1e-05	3.16e-06	9.48e-05%
OTU_498	True	wb1_H11	1.36e-06	0.000124%	0.0	1	0.000303	0.0	0.0	2.51e-06	7.54e-05%
OTU_384	True	PBS-25	1.36e-06	0.000123%	0.0	1	0.00015	0.000262	5.83e-08	6.68e-06	0.0002%
OTU_440	True	PBS-25	1.35e-06	0.000123%	0.0	1	0.000687	7.95e-05	2.89e-05	2.62e-06	7.88e-05%
OTU_9815	True	ABY1	1.35e-06	0.000123%	0.0	1	0.000101	0.0	0.0	2.68e-06	8.05e-05%
OTU_6708	True	ZB2	1.35e-06	0.000122%	0.0	1	9.12e-05	0.0	0.0	2.43e-06	7.3e-05%
OTU_8252	True	ABY1	1.33e-06	0.000121%	0.0	1	0.00109	3.87e-05	4.66e-06	1.91e-06	5.74e-05%
OTU_7958	True	ABY1	1.32e-06	0.00012%	0.0	1	9.96e-05	7.49e-06	0.0	3.39e-06	0.000102%
L1469	False	ZB2	1.31e-06	0.00012%	0.0	1	0.000406	0.000224	1.24e-05	5.69e-06	0.000171%
L688	False	koll11	1.3e-06	0.000119%	0.0	1	0.00417	0.00138	0.00116	4.12e-06	0.000124%
OTU_7943	True	ABY1	1.3e-06	0.000118%	0.0	1	8.59e-05	0.0	0.0	2.99e-06	8.97e-05%
OTU_501	True	koll11	1.29e-06	0.000118%	0.0	1	0.000209	0.0	0.0	1.86e-06	5.58e-05%
L451	False	OP11-4	1.29e-06	0.000118%	0.0	1	0.001	0.000103	0.000609	8.7e-06	0.000261%
OTU_7029	True	OD1	1.29e-06	0.000117%	0.0	1	0.000188	0.000196	5.77e-05	1.82e-05	0.000547%
OTU_659	True	koll11	1.28e-06	0.000117%	0.0	1	0.000124	0.0	0.0	2.33e-06	7e-05%
OTU_3274	True	PBS-25	1.28e-06	0.000117%	0.0	1	0.000276	1.85e-05	0.0	2.72e-06	8.16e-05%
L48	False	OD1	1.28e-06	0.000116%	0.0	1	0.000423	0.000318	4.6e-06	6.51e-06	0.000195%
L1899	False	OD1	1.27e-06	0.000116%	0.0	1	0.000752	0.000337	8.89e-05	5.89e-06	0.000177%
OTU_562	True	koll11	1.27e-06	0.000116%	0.0	1	0.000338	2.19e-05	4.75e-05	3.23e-06	9.68e-05%
OTU_6515	True	SM2F11	1.26e-06	0.000114%	0.0	1	0.000229	0.0	2.53e-05	3.21e-06	9.65e-05%
OTU_1042	True	OP3	1.25e-06	0.000114%	0.0	1	0.00027	3.52e-05	4.48e-06	2.28e-06	6.83e-05%
OTU_2685	True	PBS-25	1.25e-06	0.000114%	0.0	1	0.0	0.0	0.000288	3.29e-06	9.87e-05%
OTU_5377	True	ZB2	1.25e-06	0.000114%	0.0	1	0.000187	1.69e-05	4.58e-05	6.2e-06	0.000186%
OTU_10819	True	OP11-4	1.25e-06	0.000114%	0.0	1	0.0	5.74e-05	0.0	4.58e-06	0.000137%
L517	False	OP11-3	1.25e-06	0.000114%	0.0	1	0.00028	0.0004	5.63e-05	1.39e-05	0.000418%
OTU_6305	True	OD1	1.24e-06	0.000113%	0.0	1	5.3e-05	0.0	0.0	2.94e-06	8.82e-05%
L546	False	SJA-4	1.24e-06	0.000113%	0.0	1	0.000377	0.000181	0.000791	1.81e-05	0.000543%
OTU_6184	True	SM2F11	1.24e-06	0.000112%	0.0	1	0.0	0.000167	1.18e-05	3.56e-06	0.000107%
OTU_8757	True	OD1	1.23e-06	0.000112%	0.0	1	0.000109	0.0	6.45e-05	5.34e-06	0.00016%
L382	False	OD1	1.22e-06	0.000111%	0.0	1	0.000769	3.53e-05	7.74e-05	2.87e-06	8.6e-05%
OTU_5491	True	OD1	1.22e-06	0.000111%	0.0	1	0.000379	0.0	0.0	2.13e-06	6.39e-05%
L1487	False	ZB2	1.21e-06	0.000111%	0.0	1	0.00188	0.000763	0.000476	8.14e-06	0.000244%
OTU_6930	True	ZB2	1.21e-06	0.00011%	0.0	1	0.000145	0.0	0.0	2.54e-06	7.63e-05%
OTU_295	True	koll11	1.21e-06	0.00011%	0.0	1	1.99e-05	0.000172	0.0	5.09e-06	0.000153%
OTU_985	True	PBS-25	1.2e-06	0.000109%	0.0	1	0.000444	0.000133	5.83e-08	3.55e-06	0.000106%
OTU_550	True	koll11	1.19e-06	0.000108%	0.0	1	0.000198	0.0	4.47e-06	3.01e-06	9.02e-05%
OTU_1244	True	koll11	1.19e-06	0.000108%	0.0	1	0.000536	0.000691	0.000171	1.83e-05	0.00055%
OTU_10934	True	GIF10	1.18e-06	0.000108%	0.0	1	0.000138	0.0	0.0	2.17e-06	6.51e-05%
OTU_5392	True	ZB2	1.18e-06	0.000107%	0.0	1	5.19e-05	0.0	5.42e-06	3.57e-06	0.000107%
OTU_7215	True	ABY1	1.17e-06	0.000106%	0.0	1	0.000506	0.000115	1.93e-05	2.86e-06	8.59e-05%
OTU_1825	True	koll11	1.17e-06	0.000106%	0.0	1	0.000647	0.000268	0.000276	1.37e-05	0.000412%
OTU_8373	True	ABY1	1.16e-06	0.000106%	0.0	1	0.000129	1.77e-07	1.37e-05	2.58e-06	7.73e-05%
OTU_1140	True	PBS-25	1.16e-06	0.000106%	0.0	1	0.000383	4.73e-05	0.000234	1.01e-05	0.000303%
L571	False	SJA-4	1.16e-06	0.000105%	0.0	1	0.000143	0.000193	0.0	7.02e-06	0.000211%
OTU_4802	True	GIF10	1.15e-06	0.000104%	0.0	1	0.000195	3.05e-05	0.0	3.61e-06	0.000108%
L1639	False	ZB2	1.14e-06	0.000104%	0.0	1	0.00101	0.00211	0.00281	3.53e-05	0.00106%
OTU_6222	True	ZB2	1.14e-06	0.000104%	0.0	1	0.000208	6.11e-05	4.3e-05	6.39e-06	0.000192%
L1359	False	ZB2	1.13e-06	0.000103%	0.0	1	0.000251	0.0	0.000287	6.13e-06	0.000184%
OTU_6933	True	ZB2	1.13e-06	0.000103%	0.0	1	0.000233	4.77e-05	0.0	3.46e-06	0.000104%
OTU_4247	True	koll11	1.13e-06	0.000103%	0.0	1	0.000422	8.14e-06	2.42e-05	2.52e-06	7.55e-05%
OTU_1218	True	koll11	1.12e-06	0.000102%	0.0	1	0.00023	8.73e-05	2.06e-05	4.92e-06	0.000148%
OTU_8126	True	ABY1	1.12e-06	0.000102%	0.0	1	0.000772	8.39e-07	2.36e-05	2.95e-06	8.84e-05%
L1646	False	ZB2	1.12e-06	0.000102%	0.0	1	0.000557	0.000172	0.000172	7.57e-06	0.000227%
OTU_8208	True	ABY1	1.12e-06	0.000102%	0.0	1	6.49e-05	5.77e-05	6.78e-06	1.15e-05	0.000346%
OTU_7930	True	ZB2	1.12e-06	0.000102%	0.0	1	0.000115	0.0	0.0	2.21e-06	6.64e-05%
OTU_8247	True	ZB2	1.11e-06	0.000101%	0.0	1	0.000354	0.000315	2.34e-06	7e-06	0.00021%
OTU_5887	True	OD1	1.1e-06	0.0001%	0.0	1	0.000266	1.97e-05	3.14e-06	2.01e-06	6.03e-05%
L693	False	koll11	1.1e-06	0.0001%	0.0	1	0.00139	0.000278	0.000471	4.43e-06	0.000133%
L1645	False	ZB2	1.09e-06	9.97e-05%	0.0	1	0.000709	0.000239	0.000815	1.22e-05	0.000366%
OTU_4833	True	OD1	1.09e-06	9.91e-05%	0.0	1	6.43e-05	0.0	5.83e-08	2.51e-06	7.54e-05%
L629	False	PBS-25	1.08e-06	9.86e-05%	0.0	1	0.00269	8.75e-05	7.1e-05	1.85e-06	5.55e-05%
L429	False	OP11	1.08e-06	9.84e-05%	0.0	1	0.00084	0.000351	0.000768	2.39e-05	0.000717%

OTU_8762	True	OD1	1.07e-06	9.77e-05%	0.0	1	0.000203	2.06e-05	2.13e-05	2.91e-06	8.74e-05%
OTU_3804	True	PBS-25	1.07e-06	9.73e-05%	0.0	1	0.000108	0.0	0.0	2.24e-06	6.72e-05%
OTU_643	True	koll11	1.07e-06	9.72e-05%	0.0	1	0.00118	0.000226	3.02e-05	3.22e-06	9.66e-05%
OTU_5794	True	OD1	1.07e-06	9.7e-05%	0.0	1	0.000261	1.94e-05	2.62e-05	1.89e-06	5.67e-05%
OTU_6117	True	OD1	1.06e-06	9.64e-05%	0.0	1	0.000307	4.44e-05	0.000305	9.76e-06	0.000293%
OTU_1133	True	GIF10	1.06e-06	9.63e-05%	0.0	1	0.000492	0.000272	2.62e-05	4.84e-06	0.000145%
OTU_8009	True	ABY1	1.06e-06	9.62e-05%	0.0	1	0.000673	0.0	0.0	2.2e-06	6.6e-05%
L302	False	ABY1	1.05e-06	9.6e-05%	0.0	1	0.000299	1.08e-05	5.5e-06	1.97e-06	5.91e-05%
OTU_6758	True	ZB2	1.05e-06	9.57e-05%	0.0	1	0.000183	7.15e-07	0.0	2.76e-06	8.28e-05%
OTU_7059	True	ZB2	1.05e-06	9.54e-05%	0.0	1	6.19e-05	0.000532	5.45e-06	3.3e-06	9.91e-05%
OTU_5878	True	OD1	1.05e-06	9.52e-05%	0.0	1	0.000151	5.03e-05	1.32e-05	4.78e-06	0.000143%
OTU_8903	True	ABY1	1.05e-06	9.52e-05%	0.0	1	0.000412	0.0	8.1e-05	3.23e-06	9.7e-05%
OTU_2868	True	SJA-4	1.04e-06	9.51e-05%	0.0	1	0.0	0.000215	1.05e-06	3.33e-06	9.99e-05%
OTU_6579	True	ZB2	1.04e-06	9.47e-05%	0.0	1	1.58e-06	0.0001	0.000417	5.16e-06	0.000155%
L1578	False	ZB2	1.04e-06	9.42e-05%	0.0	1	0.000445	2.46e-05	5.46e-05	2.86e-06	8.58e-05%
OTU_580	True	PBS-25	1.03e-06	9.38e-05%	0.0	1	0.00125	0.000219	0.000127	2.65e-06	7.94e-05%
L1154	False	koll11	1.03e-06	9.35e-05%	0.0	1	0.00615	0.00134	0.00466	7.49e-06	0.000225%
OTU_4482	True	koll11	1.02e-06	9.3e-05%	0.0	1	0.00015	0.0	0.0	2.41e-06	7.23e-05%
L615	False	BD4-9	1.02e-06	9.26e-05%	0.0	1	0.000353	0.000132	0.0	4.3e-06	0.000129%
OTU_893	True	PBS-25	1.01e-06	9.2e-05%	0.0	1	0.000499	0.000218	5.83e-08	4.14e-06	0.000124%
L728	False	PBS-25	1.01e-06	9.2e-05%	0.0	1	0.00722	0.00103	0.00263	3.73e-06	0.000112%
OTU_10835	True	OP11-4	1.01e-06	9.18e-05%	0.0	1	6.03e-05	2.22e-06	4.83e-06	3.83e-06	0.000115%
L562	False	SJA-4	1.01e-06	9.16e-05%	0.0	1	0.000248	0.000158	2.35e-07	3.67e-06	0.00011%
OTU_6561	True	OD1	1e-06	9.13e-05%	0.0	1	9.09e-05	1.77e-07	0.0	2.01e-06	6.03e-05%
OTU_500	True	PBS-25	1e-06	9.11e-05%	0.0	1	0.000141	0.0	4.22e-06	2.18e-06	6.55e-05%
OTU_6989	True	ABY1	9.87e-07	8.99e-05%	0.0	1	8.59e-05	4.87e-05	1.2e-05	7.62e-06	0.000229%
OTU_966	True	PRR-12	9.69e-07	8.82e-05%	0.0	1	0.0	3.54e-05	9.86e-05	6.09e-06	0.000183%
L1577	False	ZB2	9.68e-07	8.81e-05%	0.0	1	0.000778	0.000332	7.69e-05	3.78e-06	0.000114%
OTU_1117	True	BD4-9	9.65e-07	8.79e-05%	0.0	1	0.0	0.000132	0.0	3.12e-06	9.38e-05%
OTU_10774	True	OP11-4	9.6e-07	8.74e-05%	0.0	1	0.00013	0.0	0.0	2.01e-06	6.03e-05%
L1159	False	koll11	9.56e-07	8.7e-05%	0.0	1	0.00268	1.25e-05	1.93e-05	1.96e-06	5.88e-05%
OTU_266	True	koll11	9.5e-07	8.65e-05%	0.0	1	0.000293	5.42e-06	1.77e-05	2.04e-06	6.12e-05%
OTU_7041	True	ZB2	9.46e-07	8.61e-05%	0.0	1	1.29e-06	0.000387	0.000302	4.05e-06	0.000121%
OTU_6312	True	ZB2	9.45e-07	8.6e-05%	0.0	1	0.00103	0.000135	7.25e-05	2.34e-06	7.02e-05%
OTU_4223	True	koll11	9.44e-07	8.59e-05%	0.0	1	0.0	0.0	0.000102	3.1e-06	9.31e-05%
L691	False	koll11	9.39e-07	8.55e-05%	0.0	1	0.00241	0.000469	0.00112	3.44e-06	0.000103%
L1757	False	OD1	9.36e-07	8.52e-05%	0.0	1	0.000465	0.00055	0.000214	3.25e-05	0.000974%
OTU_8150	True	OP11-4	9.36e-07	8.52e-05%	0.0	1	9.44e-05	0.0	7.21e-06	2.61e-06	7.84e-05%
L817	False	PBS-25	9.33e-07	8.5e-05%	0.0	1	0.00112	0.00028	5.83e-08	2.86e-06	8.59e-05%
L316	False	ABY1	9.33e-07	8.49e-05%	0.0	1	0.000161	0.000632	0.000213	9.71e-06	0.000292%
OTU_8644	True	ABY1	9.3e-07	8.46e-05%	0.0	1	0.000432	0.000248	1.78e-05	3.52e-06	0.000106%
OTU_5265	True	OD1	9.26e-07	8.43e-05%	0.0	1	0.000552	0.00014	1.58e-05	2.45e-06	7.35e-05%
OTU_738	True	koll11	9.26e-07	8.43e-05%	0.0	1	0.000147	4.73e-05	2.83e-06	4.46e-06	0.000134%
OTU_7113	True	ABY1	9.2e-07	8.37e-05%	0.0	1	3.23e-05	0.000126	0.0	3.53e-06	0.000106%
OTU_8032	True	ABY1	9.2e-07	8.37e-05%	0.0	1	0.000199	1.14e-05	0.0	2.47e-06	7.4e-05%
L882	False	koll11	9.12e-07	8.3e-05%	0.0	1	0.00711	0.00268	0.00229	3.34e-06	0.0001%
L453	False	OP11-4	9.11e-07	8.29e-05%	0.0	1	0.00097	3.92e-05	0.000597	4.92e-06	0.000148%
OTU_5804	True	OD1	9.08e-07	8.26e-05%	0.0	1	0.000385	1.28e-05	2.26e-06	2.25e-06	6.74e-05%
OTU_388	True	koll11	9.04e-07	8.23e-05%	0.0	1	0.000269	4.3e-05	0.0	1.71e-06	5.13e-05%
OTU_306	True	koll11	9.02e-07	8.21e-05%	0.0	1	0.000926	0.000762	0.000222	8.58e-06	0.000257%
L446	False	OP11-4	9.02e-07	8.21e-05%	0.0	1	0.000186	2.34e-05	0.000234	5.27e-06	0.000158%
OTU_4170	True	koll11	9e-07	8.19e-05%	0.0	1	2.61e-05	0.000123	0.0	4.51e-06	0.000135%
OTU_5249	True	OD1	8.99e-07	8.18e-05%	0.0	1	0.000361	7.91e-05	1.16e-05	2.57e-06	7.71e-05%
L1395	False	ZB2	8.96e-07	8.15e-05%	0.0	1	0.00236	0.000755	0.00088	7.97e-06	0.000239%
OTU_433	True	PBS-25	8.92e-07	8.12e-05%	0.0	1	0.000355	8.15e-05	7.91e-05	3.6e-06	0.000108%
L683	False	koll11	8.91e-07	8.11e-05%	0.0	1	0.000839	2.9e-05	0.000126	2.86e-06	8.58e-05%
OTU_300	True	koll11	8.88e-07	8.09e-05%	0.0	1	0.0	0.000107	0.0	2.57e-06	7.71e-05%
OTU_6070	True	ZB2	8.88e-07	8.08e-05%	0.0	1	1.09e-05	0.000568	0.0005	6.14e-06	0.000184%
L1475	False	ZB2	8.84e-07	8.04e-05%	0.0	1	0.000675	0.000493	0.000323	2.46e-05	0.000739%
OTU_4019	True	koll11	8.8e-07	8.01e-05%	0.0	1	0.0	0.0	0.000103	2.32e-06	6.96e-05%
OTU_6988	True	ZB2	8.79e-07	8e-05%	0.0	1	0.0015	0.000448	0.000737	8.53e-06	0.000256%
OTU_1795	True	koll11	8.75e-07	7.96e-05%	0.0	1	0.000253	3.13e-05	1.69e-05	2.7e-06	8.09e-05%
L1868	False	OD1	8.73e-07	7.95e-05%	0.0	1	0.00116	0.000116	0.000142	1.68e-06	5.03e-05%
OTU_6180	True	OD1	8.73e-07	7.95e-05%	0.0	1	0.000314	0.000319	2.8e-06	3.88e-06	0.000116%

OTU_926	True	koll11	8.72e-07	7.94e-05%	0.0	1	0.000882	0.000758	8.33e-05	4.51e-06	0.000135%
OTU_4056	True	koll11	8.67e-07	7.89e-05%	0.0	1	0.000418	2.09e-05	0.0	1.89e-06	5.68e-05%
OTU_8324	True	ZB2	8.64e-07	7.87e-05%	0.0	1	0.0	3.26e-06	6.84e-05	2.41e-06	7.23e-05%
L880	False	koll11	8.62e-07	7.85e-05%	0.0	1	0.00723	0.00275	0.00229	3.13e-06	9.4e-05%
OTU_2694	True	SJA-4	8.61e-07	7.84e-05%	0.0	1	0.0	0.0	0.00012	2.85e-06	8.56e-05%
OTU_354	True	koll11	8.57e-07	7.81e-05%	0.0	1	0.000312	0.0	1.3e-06	1.2e-06	3.62e-05%
OTU_363	True	koll11	8.56e-07	7.79e-05%	0.0	1	0.000317	0.000188	0.0	3.91e-06	0.000117%
OTU_1608	True	koll11	8.55e-07	7.79e-05%	0.0	1	0.000215	2.11e-05	0.0	2.1e-06	6.32e-05%
OTU_3117	True	koll11	8.53e-07	7.76e-05%	0.0	1	0.000262	6.54e-05	0.000139	8.16e-06	0.000245%
OTU_827	True	koll11	8.51e-07	7.75e-05%	0.0	1	0.000174	0.0	0.0	2.22e-06	6.65e-05%
L44	False	OD1	8.51e-07	7.75e-05%	0.0	1	0.104	0.137	0.0762	9.72e-06	0.000292%
L1203	False	koll11	8.5e-07	7.74e-05%	0.0	1	0.000461	0.000271	7.3e-05	6.6e-06	0.000198%
L888	False	koll11	8.48e-07	7.72e-05%	0.0	1	0.000579	0.000691	0.000171	1.21e-05	0.000362%
OTU_5840	True	OD1	8.46e-07	7.7e-05%	0.0	1	0.00017	0.000116	7.96e-06	5e-06	0.00015%
OTU_965	True	PBS-25	8.45e-07	7.69e-05%	0.0	1	0.0	3.2e-05	0.000115	4.19e-06	0.000126%
OTU_1558	True	PBS-25	8.45e-07	7.69e-05%	0.0	1	0.000118	2e-05	0.0	2.66e-06	7.99e-05%
L1033	False	koll11	8.43e-07	7.68e-05%	0.0	1	0.000434	2.27e-05	0.000747	5.14e-06	0.000154%
OTU_4832	True	ZB2	8.4e-07	7.65e-05%	0.0	1	0.000143	3.2e-06	0.0	1.17e-06	3.52e-05%
L1465	False	ZB2	8.39e-07	7.64e-05%	0.0	1	0.000254	0.00211	0.000806	5.81e-06	0.000174%
OTU_464	True	koll11	8.33e-07	7.58e-05%	0.0	1	4.58e-06	0.000113	0.0	2.68e-06	8.06e-05%
OTU_365	True	koll11	8.26e-07	7.51e-05%	0.0	1	0.000426	0.0	9.58e-05	2.92e-06	8.78e-05%
OTU_9710	True	ABY1	8.25e-07	7.51e-05%	0.0	1	0.000337	0.000105	4.81e-05	3.87e-06	0.000116%
OTU_3007	True	koll11	8.23e-07	7.49e-05%	0.0	1	0.000592	0.000591	8.98e-05	1.01e-05	0.000305%
OTU_3762	True	SJA-4	8.18e-07	7.45e-05%	0.0	1	0.000184	0.0	0.0	1.51e-06	4.52e-05%
OTU_4166	True	koll11	8.16e-07	7.43e-05%	0.0	1	4.66e-06	0.000275	0.0	2.57e-06	7.71e-05%
OTU_510	True	koll11	8.15e-07	7.42e-05%	0.0	1	0.000337	2.32e-05	1.96e-05	1.84e-06	5.53e-05%
OTU_8143	True	OP11-4	8.14e-07	7.41e-05%	0.0	1	8.52e-06	7.23e-06	8.56e-05	4.42e-06	0.000133%
OTU_6005	True	SM2F11	8.13e-07	7.4e-05%	0.0	1	0.000206	0.000183	2.38e-05	6.54e-06	0.000196%
OTU_8125	True	ABY1	8.12e-07	7.39e-05%	0.0	1	0.000508	0.000258	5.66e-06	2.5e-06	7.5e-05%
L1881	False	OD1	8.07e-07	7.35e-05%	0.0	1	0.000193	1.77e-07	0.0	1.25e-06	3.76e-05%
OTU_7225	True	ZB2	8.01e-07	7.29e-05%	0.0	1	0.00247	0.00102	0.00106	8.69e-06	0.000261%
OTU_1444	True	koll11	8e-07	7.28e-05%	0.0	1	0.000284	6.39e-06	0.000259	3.35e-06	0.000101%
OTU_7949	True	ABY1	8e-07	7.28e-05%	0.0	1	0.000654	0.000519	6.07e-05	5.18e-06	0.000155%
L819	False	PBS-25	7.96e-07	7.25e-05%	0.0	1	0.000427	0.00028	5.83e-08	2.87e-06	8.61e-05%
OTU_10753	True	OP11-3	7.96e-07	7.25e-05%	0.0	1	0.000161	6.14e-05	5.63e-05	9.88e-06	0.000297%
OTU_675	True	PBS-25	7.95e-07	7.24e-05%	0.0	1	0.000532	0.000219	0.00198	5.4e-06	0.000162%
L1635	False	ZB2	7.93e-07	7.22e-05%	0.0	1	0.000354	0.000398	2.34e-06	5.33e-06	0.00016%
L1494	False	ZB2	7.93e-07	7.22e-05%	0.0	1	0.00055	0.000107	1.69e-05	1.54e-06	4.62e-05%
OTU_8743	True	OD1	7.85e-07	7.15e-05%	0.0	1	0.000207	0.0	0.0	1.45e-06	4.35e-05%
OTU_7980	True	OP11-4	7.84e-07	7.14e-05%	0.0	1	0.000124	4.38e-05	0.000176	1.07e-05	0.000321%
L1737	False	Mb-NB09	7.84e-07	7.14e-05%	0.0	1	0.000281	7.56e-05	0.0	2.2e-06	6.61e-05%
L1138	False	koll11	7.83e-07	7.12e-05%	0.0	1	0.000398	5.6e-06	1.77e-05	1.26e-06	3.79e-05%
OTU_8112	True	ABY1	7.82e-07	7.12e-05%	0.0	1	0.00179	0.0007	9.49e-05	1.79e-06	5.37e-05%
OTU_3602	True	PBS-25	7.8e-07	7.1e-05%	0.0	1	0.000263	1.66e-05	2.77e-05	1.91e-06	5.74e-05%
OTU_2636	True	koll11	7.79e-07	7.09e-05%	0.0	1	8.96e-05	0.0	3.72e-05	2.96e-06	8.87e-05%
OTU_10854	True	OP11-4	7.77e-07	7.07e-05%	0.0	1	0.000153	0.0	0.0	1.85e-06	5.54e-05%
OTU_152	True	ZB2	7.76e-07	7.06e-05%	0.0	1	0.000191	5.68e-06	5.46e-05	3.14e-06	9.42e-05%
OTU_7216	True	ZB2	7.74e-07	7.04e-05%	0.0	1	0.000206	0.0	0.0	1.44e-06	4.31e-05%
OTU_339	True	koll11	7.7e-07	7.01e-05%	0.0	1	0.000593	7.39e-05	2.84e-05	3.12e-06	9.35e-05%
OTU_6585	True	ZB2	7.69e-07	7e-05%	0.0	1	0.000152	4.54e-05	0.000119	1.13e-05	0.000338%
L22	False	OD1	7.67e-07	6.99e-05%	0.0	1	0.000222	0.000138	1.2e-05	3.4e-06	0.000102%
OTU_427	True	koll11	7.67e-07	6.98e-05%	0.0	1	8.28e-05	0.000351	0.0	3.43e-06	0.000103%
L560	False	SJA-4	7.52e-07	6.85e-05%	0.0	1	0.000396	0.000531	1.71e-05	4.05e-06	0.000121%
L1156	False	koll11	7.52e-07	6.85e-05%	0.0	1	0.00606	0.000985	0.00466	4.51e-06	0.000135%
OTU_6575	True	ZB2	7.49e-07	6.82e-05%	0.0	1	0.000232	2.05e-05	4.27e-05	1.64e-06	4.91e-05%
L870	False	koll11	7.49e-07	6.81e-05%	0.0	1	0.000327	3.15e-05	1.23e-05	1.61e-06	4.84e-05%
OTU_6217	True	ZB2	7.45e-07	6.78e-05%	0.0	1	0.0	1.85e-05	0.000148	2.46e-06	7.39e-05%
L1436	False	ZB2	7.44e-07	6.77e-05%	0.0	1	0.00198	0.000812	0.000235	2.89e-06	8.67e-05%
OTU_8162	True	ABY1	7.42e-07	6.75e-05%	0.0	1	0.0	9.66e-05	1.94e-05	4.75e-06	0.000142%
L865	False	koll11	7.37e-07	6.71e-05%	0.0	1	0.000595	4.9e-05	0.000143	1.84e-06	5.53e-05%
OTU_6190	True	ZB2	7.37e-07	6.71e-05%	0.0	1	0.000333	0.000307	2.23e-05	4.25e-06	0.000128%
L749	False	PBS-25	7.34e-07	6.68e-05%	0.0	1	0.000501	5.72e-05	0.0	1.74e-06	5.23e-05%
OTU_8246	True	OD1	7.28e-07	6.62e-05%	0.0	1	0.00206	0.00022	7.3e-05	1.11e-06	3.33e-05%
OTU_8761	True	OD1	7.25e-07	6.6e-05%	0.0	1	0.000128	2.3e-05	5.25e-07	1.74e-06	5.22e-05%
OTU_9088	True	ABY1	7.24e-07	6.59e-05%	0.0	1	8.4e-06	0.000141	0.0	2.75e-06	8.24e-05%

L1024	False	koll11	7.23e-07	6.58e-05%	0.0	1	0.00334	0.000791	0.00143	4.6e-06	0.000138%
OTU_2885	True	PBS-25	7.22e-07	6.57e-05%	0.0	1	0.000405	0.000102	3.5e-06	1.72e-06	5.16e-05%
OTU_16	True	ZB2	7.21e-07	6.56e-05%	0.0	1	5.12e-05	0.0	0.0	1.22e-06	3.66e-05%
OTU_1456	True	kpj58rc	7.2e-07	6.56e-05%	0.0	1	8.21e-05	4.94e-06	0.0	1.57e-06	4.72e-05%
L1366	False	ZB2	7.17e-07	6.52e-05%	0.0	1	1.39e-06	0.000934	0.000268	1.7e-06	5.11e-05%
L1066	False	koll11	7.15e-07	6.51e-05%	0.0	1	0.00131	4.34e-05	0.000157	1.52e-06	4.57e-05%
OTU_619	True	koll11	7.13e-07	6.49e-05%	0.0	1	0.000167	1.35e-05	0.0	1.6e-06	4.81e-05%
OTU_7937	True	ABY1	7.12e-07	6.48e-05%	0.0	1	0.0005	0.0	0.0	1.37e-06	4.1e-05%
OTU_10851	True	OP11-4	7.09e-07	6.45e-05%	0.0	1	0.000114	1.77e-07	0.0	1.18e-06	3.53e-05%
L797	False	PBS-25	7.09e-07	6.45e-05%	0.0	1	0.000513	0.000102	3.5e-06	1.55e-06	4.65e-05%
OTU_4507	True	koll11	7.02e-07	6.39e-05%	0.0	1	9.46e-05	1.73e-06	0.0	1.6e-06	4.81e-05%
L1434	False	ZB2	7e-07	6.37e-05%	0.0	1	0.00198	0.000812	0.000905	7.92e-06	0.000238%
L265	False	ABY1	6.96e-07	6.34e-05%	0.0	1	0.00226	0.00151	0.000986	1.26e-05	0.000379%
L1907	False	OD1	6.94e-07	6.32e-05%	0.0	1	0.000755	4.2e-05	5.97e-06	9.8e-07	2.94e-05%
OTU_602	True	koll11	6.85e-07	6.24e-05%	0.0	1	0.000197	7.6e-05	1.97e-05	3.76e-06	0.000113%
L18	False	OD1	6.85e-07	6.23e-05%	0.0	1	0.00027	3.27e-05	5.45e-06	1.22e-06	3.67e-05%
OTU_5241	True	Mb-NB09	6.81e-07	6.2e-05%	0.0	1	0.0	8.58e-05	0.0	1.98e-06	5.93e-05%
OTU_9084	True	TM7-1	6.78e-07	6.17e-05%	0.0	1	6.01e-05	0.000223	1.63e-05	5.41e-06	0.000162%
L414	False	ABY1	6.74e-07	6.14e-05%	0.0	1	0.000204	0.000488	0.00154	4.86e-06	0.000146%
OTU_3345	True	PBS-25	6.72e-07	6.11e-05%	0.0	1	0.000175	0.0	2.35e-07	1.23e-06	3.7e-05%
OTU_421	True	koll11	6.69e-07	6.09e-05%	0.0	1	0.000582	1.62e-05	4.75e-06	8.13e-07	2.44e-05%
OTU_1428	True	GIF10	6.67e-07	6.07e-05%	0.0	1	8.93e-05	4.59e-06	1.44e-05	2.31e-06	6.95e-05%
L997	False	koll11	6.64e-07	6.04e-05%	0.0	1	0.000809	0.000448	0.00029	8.2e-06	0.000246%
OTU_10757	True	OP11-4	6.62e-07	6.03e-05%	0.0	1	0.000293	0.000164	5.7e-05	4.65e-06	0.00014%
OTU_8390	True	ABY1	6.62e-07	6.02e-05%	0.0	1	0.000369	2.22e-05	4.17e-06	1.66e-06	4.98e-05%
OTU_282	True	koll11	6.54e-07	5.96e-05%	0.0	1	9.22e-05	5.59e-06	2.98e-06	1.38e-06	4.15e-05%
OTU_1061	True	PBS-25	6.54e-07	5.96e-05%	0.0	1	8.38e-05	2.26e-05	0.0	3.05e-06	9.16e-05%
OTU_6574	True	ZB2	6.54e-07	5.95e-05%	0.0	1	0.000317	5.95e-05	1.69e-05	1.59e-06	4.76e-05%
OTU_5626	True	OD1	6.52e-07	5.94e-05%	0.0	1	0.000103	0.0	0.0	1.18e-06	3.55e-05%
L780	False	PBS-25	6.51e-07	5.93e-05%	0.0	1	0.000564	0.000133	5.83e-08	1.51e-06	4.53e-05%
OTU_3013	True	PBS-25	6.48e-07	5.9e-05%	0.0	1	1.43e-05	0.000255	0.0	2.75e-06	8.25e-05%
OTU_9434	True	ABY1	6.44e-07	5.86e-05%	0.0	1	9.47e-05	0.0	0.0	9.93e-07	2.98e-05%
OTU_9703	True	Mb-NB09	6.39e-07	5.82e-05%	0.0	1	0.000127	0.0	0.0	1.5e-06	4.5e-05%
L401	False	ABY1	6.39e-07	5.81e-05%	0.0	1	0.0069	0.00337	0.000848	2.06e-06	6.18e-05%
OTU_10816	True	OP11-4	6.36e-07	5.79e-05%	0.0	1	0.000154	8.11e-05	4.27e-06	3.12e-06	9.36e-05%
L543	False	SJA-4	6.35e-07	5.78e-05%	0.0	1	0.00155	0.000451	0.00194	7.73e-06	0.000232%
L567	False	SJA-4	6.34e-07	5.77e-05%	0.0	1	0.00073	3.47e-07	0.000456	3.19e-06	9.57e-05%
OTU_8350	True	ABY1	6.3e-07	5.73e-05%	0.0	1	8.75e-05	0.0	0.0	1.02e-06	3.07e-05%
OTU_1550	True	PRR-12	6.3e-07	5.73e-05%	0.0	1	0.000183	1.62e-05	0.0	1.46e-06	4.39e-05%
OTU_6533	True	OD1	6.28e-07	5.71e-05%	0.0	1	0.0	0.000389	0.000607	3.26e-06	9.77e-05%
OTU_4039	True	koll11	6.2e-07	5.65e-05%	0.0	1	0.000109	4.33e-05	0.0	2.73e-06	8.2e-05%
OTU_6076	True	SM2F11	6.18e-07	5.62e-05%	0.0	1	8.43e-05	1.27e-05	0.0	1.72e-06	5.16e-05%
L1347	False	ZB2	6.15e-07	5.6e-05%	0.0	1	0.000542	0.000225	0.000139	3.85e-06	0.000116%
OTU_6160	True	ZB2	6.07e-07	5.53e-05%	0.0	1	4.51e-05	0.000696	0.000548	2.26e-06	6.78e-05%
L25	False	Bacteria	6.07e-07	5.52e-05%	0.0	1	0.994	0.997	1.0	-3.93486222055e-07	-1.18085856031e-05%
L591	False	PRR-12	6.06e-07	5.52e-05%	0.0	1	0.00175	0.000151	0.000169	9.33e-07	2.8e-05%
OTU_6617	True	ZB2	6.05e-07	5.51e-05%	0.0	1	0.0	0.000265	3.27e-05	2.19e-06	6.57e-05%
OTU_466	True	koll11	6.03e-07	5.49e-05%	0.0	1	0.000173	0.00027	8.15e-05	1.82e-05	0.000547%
L650	False	koll11	5.96e-07	5.42e-05%	0.0	1	0.000397	3.92e-05	3.54e-05	1.76e-06	5.27e-05%
OTU_211	True	koll11	5.94e-07	5.41e-05%	0.0	1	5.27e-05	7.58e-05	0.0	4.35e-06	0.000131%
OTU_19	True	ZB2	5.92e-07	5.39e-05%	0.0	1	0.000127	7.61e-06	1.8e-05	1.82e-06	5.46e-05%
L1814	False	OD1	5.88e-07	5.35e-05%	0.0	1	0.000905	0.000715	0.000115	4.44e-06	0.000133%
L545	False	SJA-4	5.85e-07	5.33e-05%	0.0	1	0.000377	0.000181	0.00155	3.39e-06	0.000102%
OTU_1538	True	PBS-25	5.8e-07	5.28e-05%	0.0	1	0.000133	5.72e-05	0.0	2.72e-06	8.17e-05%
OTU_1067	True	koll11	5.8e-07	5.28e-05%	0.0	1	0.000251	4.9e-05	0.000132	4.52e-06	0.000136%
L668	False	koll11	5.77e-07	5.26e-05%	0.0	1	0.000681	0.000591	0.000127	7.47e-06	0.000224%
OTU_8168	True	ZB2	5.68e-07	5.17e-05%	0.0	1	0.0	8.29e-05	0.0	2.07e-06	6.2e-05%
OTU_6199	True	ZB2	5.68e-07	5.17e-05%	0.0	1	0.000325	0.0	0.0	1.14e-06	3.43e-05%
OTU_8787	True	ABY1	5.66e-07	5.15e-05%	0.0	1	6.2e-05	0.000303	0.000198	9.19e-06	0.000276%
L1418	False	ZB2	5.53e-07	5.04e-05%	0.0	1	0.000462	6.77e-05	0.000689	4.75e-06	0.000142%
OTU_2442	True	koll11	5.49e-07	5e-05%	0.0	1	0.000105	1.5e-05	0.0	1.97e-06	5.92e-05%
OTU_4179	True	koll11	5.48e-07	4.99e-05%	0.0	1	0.000746	4.73e-05	0.00145	3.18e-06	9.54e-05%
OTU_171	True	koll11	5.44e-07	4.96e-05%	0.0	1	0.00109	0.000538	0.000802	1.12e-05	0.000337%
OTU_4272	True	koll11	5.44e-07	4.95e-05%	0.0	1	0.000464	0.000222	1.88e-05	2.03e-06	6.09e-05%

OTU_2664	True	koll11	5.43e-07	4.94e-05%	0.0	1	9.29e-05	6.58e-05	2.8e-06	3.18e-06	9.56e-05%
L883	False	koll11	5.4e-07	4.91e-05%	0.0	1	0.00332	0.00169	0.000588	2.44e-06	7.33e-05%
OTU_4071	True	koll11	5.38e-07	4.9e-05%	0.0	1	0.000341	4.28e-05	1.11e-05	1.28e-06	3.84e-05%
OTU_7173	True	OD1	5.35e-07	4.87e-05%	0.0	1	0.00011	0.000149	2.88e-06	4.15e-06	0.000125%
OTU_4770	True	GIF10	5.35e-07	4.87e-05%	0.0	1	0.000272	6.93e-05	0.000164	6.16e-06	0.000185%
OTU_129	True	OD1	5.32e-07	4.84e-05%	0.0	1	8.14e-06	6.62e-05	3.45e-05	9.08e-06	0.000272%
OTU_470	True	koll11	5.28e-07	4.8e-05%	0.0	1	0.0	0.000107	0.0	1.53e-06	4.58e-05%
OTU_912	True	BD4-9	5.28e-07	4.8e-05%	0.0	1	0.00029	0.0	0.0	9.82e-07	2.95e-05%
L1243	False	TM7-1	5.26e-07	4.79e-05%	0.0	1	0.0117	0.012	0.0151	0.000122	0.00368%
OTU_7016	True	ZB2	5.25e-07	4.78e-05%	0.0	1	0.0	0.000107	2.18e-05	1.85e-06	5.54e-05%
OTU_4334	True	koll11	5.25e-07	4.77e-05%	0.0	1	0.00105	0.000235	0.00046	2.9e-06	8.69e-05%
OTU_8638	True	ABY1	5.19e-07	4.72e-05%	0.0	1	0.000149	0.0	0.0	9.62e-07	2.89e-05%
OTU_5076	True	ZB2	5.08e-07	4.62e-05%	0.0	1	0.000213	5.21e-05	8.16e-05	3e-06	9.02e-05%
OTU_2628	True	SJA-4	5.07e-07	4.61e-05%	0.0	1	0.0	3.74e-05	0.000127	3.34e-06	0.0001%
L559	False	SJA-4	5.06e-07	4.6e-05%	0.0	1	0.00171	0.000531	0.000474	4.15e-06	0.000125%
L373	False	ABY1	4.99e-07	4.54e-05%	0.0	1	0.000429	0.000226	0.000229	1.19e-05	0.000357%
OTU_8156	True	OP11-4	4.98e-07	4.53e-05%	0.0	1	3.18e-05	6.35e-05	1.24e-05	8.69e-06	0.000261%
OTU_1982	True	koll11	4.95e-07	4.5e-05%	0.0	1	0.000131	4.24e-05	1.41e-05	2.67e-06	8.01e-05%
L1081	False	koll11	4.95e-07	4.5e-05%	0.0	1	0.000364	4.86e-05	3.3e-05	1.55e-06	4.65e-05%
OTU_10815	True	OP11-4	4.94e-07	4.49e-05%	0.0	1	0.0	0.0	3.88e-05	1.64e-06	4.92e-05%
OTU_9148	True	ABY1	4.92e-07	4.48e-05%	0.0	1	9.16e-06	9.61e-05	0.0	2.03e-06	6.1e-05%
L1762	False	OD1	4.89e-07	4.45e-05%	0.0	1	0.000359	0.000211	0.000298	2.92e-05	0.000875%
OTU_6693	True	ZB2	4.83e-07	4.39e-05%	0.0	1	0.0	0.000286	8.01e-05	3.05e-06	9.17e-05%
OTU_8045	True	OD1	4.77e-07	4.35e-05%	0.0	1	0.000653	0.000575	0.000149	4.36e-06	0.000131%
OTU_402	True	PBS-25	4.76e-07	4.33e-05%	0.0	1	0.0	0.0	0.000175	1.24e-06	3.72e-05%
OTU_1319	True	koll11	4.73e-07	4.3e-05%	0.0	1	0.000186	0.000377	2.69e-05	4.02e-06	0.000121%
OTU_8181	True	OP11-4	4.72e-07	4.3e-05%	0.0	1	0.000105	6.11e-06	0.000132	2.74e-06	8.22e-05%
OTU_9183	True	ABY1	4.72e-07	4.29e-05%	0.0	1	0.000335	6.63e-05	2.45e-05	1.68e-06	5.05e-05%
L903	False	koll11	4.7e-07	4.28e-05%	0.0	1	0.000788	0.000352	0.000582	8.35e-06	0.000251%
OTU_7089	True	ABY1	4.54e-07	4.13e-05%	0.0	1	9.12e-05	2.6e-05	7.06e-07	1.54e-06	4.61e-05%
OTU_305	True	PBS-25	4.5e-07	4.1e-05%	0.0	1	0.000166	8.15e-06	0.000272	2.42e-06	7.27e-05%
L1477	False	ZB2	4.5e-07	4.09e-05%	0.0	1	0.000675	0.000387	0.000302	9.46e-06	0.000284%
OTU_1725	True	koll11	4.48e-07	4.08e-05%	0.0	1	4.28e-05	0.0	0.0	9.63e-07	2.89e-05%
OTU_2558	True	SJA-4	4.47e-07	4.07e-05%	0.0	1	3.61e-05	0.00011	1.2e-05	4.26e-06	0.000128%
OTU_1496	True	koll11	4.45e-07	4.05e-05%	0.0	1	0.000121	6.93e-05	0.0	1.94e-06	5.81e-05%
OTU_5311	True	OD1	4.45e-07	4.05e-05%	0.0	1	0.000259	0.000132	2.02e-05	2.11e-06	6.34e-05%
OTU_7976	True	ABY1	4.41e-07	4.01e-05%	0.0	1	2.27e-05	0.00014	2.45e-05	3.63e-06	0.000109%
OTU_880	True	koll11	4.31e-07	3.92e-05%	0.0	1	7.26e-05	0.0	0.0	1.09e-06	3.26e-05%
L151	False	ABY1	4.31e-07	3.92e-05%	0.0	1	0.000657	0.000332	0.000201	4.82e-06	0.000145%
L885	False	koll11	4.27e-07	3.89e-05%	0.0	1	0.00183	0.00155	0.000255	2.33e-06	7e-05%
L21	False	Bacteria	4.25e-07	3.87e-05%	0.0	1	0.994	0.997	1.0	-2.8405084632e-07	-8.52441215576e-06%
OTU_5955	True	OD1	4.25e-07	3.87e-05%	0.0	1	0.000121	3.75e-05	1.03e-05	1.92e-06	5.77e-05%
OTU_10860	True	OP11	4.23e-07	3.85e-05%	0.0	1	0.000271	0.000315	8.21e-06	2.32e-06	6.97e-05%
OTU_8732	True	ABY1	4.21e-07	3.83e-05%	0.0	1	0.000215	8.77e-05	7.49e-06	1.43e-06	4.29e-05%
OTU_6316	True	ZB2	4.18e-07	3.8e-05%	0.0	1	0.000462	6.77e-05	2.87e-05	1e-06	3e-05%
OTU_9149	True	TM7-1	4.14e-07	3.77e-05%	0.0	1	0.0	0.000175	0.0	1.2e-06	3.6e-05%
OTU_718	True	PBS-25	4.14e-07	3.77e-05%	0.0	1	0.000496	0.000107	2.73e-05	1.11e-06	3.34e-05%
OTU_6059	True	ABY1	4.14e-07	3.76e-05%	0.0	1	0.0	3.35e-05	6.21e-06	2.62e-06	7.86e-05%
OTU_603	True	koll11	4.11e-07	3.74e-05%	0.0	1	9.45e-05	4.06e-06	0.0	9.55e-07	2.87e-05%
OTU_5444	True	OD1	4.07e-07	3.71e-05%	0.0	1	6.17e-05	1.9e-05	2.28e-06	1.73e-06	5.19e-05%
L897	False	koll11	4.06e-07	3.7e-05%	0.0	1	0.0016	0.000756	0.000867	5.47e-06	0.000164%
OTU_8169	True	TM7-3	4.05e-07	3.68e-05%	0.0	1	3.44e-06	0.000104	0.0	1.68e-06	5.05e-05%
OTU_3798	True	PBS-25	4.03e-07	3.67e-05%	0.0	1	0.000108	0.0	0.0	8.6e-07	2.58e-05%
OTU_5818	True	OD1	3.98e-07	3.62e-05%	0.0	1	0.00145	0.000193	0.000385	1.11e-06	3.34e-05%
OTU_7954	True	OD1	3.94e-07	3.59e-05%	0.0	1	0.000628	0.000126	4.67e-05	1.35e-06	4.05e-05%
L755	False	PBS-25	3.91e-07	3.56e-05%	0.0	1	0.00119	0.000117	0.00176	2.59e-06	7.78e-05%
L179	False	SM2F11	3.9e-07	3.55e-05%	0.0	1	0.00029	0.000195	2.38e-05	2.11e-06	6.33e-05%
L290	False	ABY1	3.89e-07	3.54e-05%	0.0	1	7.06e-05	0.000141	1.34e-05	4.32e-06	0.00013%
L891	False	koll11	3.85e-07	3.5e-05%	0.0	1	0.000371	0.0001	0.0	1.22e-06	3.65e-05%
OTU_10759	True	OP11-4	3.83e-07	3.48e-05%	0.0	1	0.000442	0.000106	1.52e-05	6.84e-07	2.05e-05%
OTU_353	True	koll11	3.8e-07	3.46e-05%	0.0	1	0.000496	0.000445	0.000195	9.5e-06	0.000285%
OTU_7964	True	ABY1	3.78e-07	3.44e-05%	0.0	1	7.56e-05	0.0	0.0	8.68e-07	2.61e-05%
L1759	False	OD1	3.76e-07	3.42e-05%	0.0	1	0.000272	0.00055	0.000214	1.66e-05	0.000498%
OTU_875	True	koll11	3.74e-07	3.4e-05%	0.0	1	0.000105	1.77e-07	0.0	7.45e-07	2.24e-05%

L553	False	SJA-4	3.72e-07	3.38e-05%	0.0	1	0.000624	0.00027	0.000268	6.89e-06	0.000207%
L36	False	ABY1	3.72e-07	3.38e-05%	0.0	1	0.0003	1.52e-05	5.83e-08	5.43e-07	1.63e-05%
OTU_6694	True	ZB2	3.68e-07	3.35e-05%	0.0	1	0.0	0.000769	0.0	9.97e-07	2.99e-05%
OTU_397	True	koll11	3.64e-07	3.31e-05%	0.0	1	0.000194	0.000191	2.7e-05	2.9e-06	8.71e-05%
OTU_287	True	koll11	3.62e-07	3.3e-05%	0.0	1	0.000233	4.07e-05	1.26e-05	1.01e-06	3.02e-05%
OTU_9588	True	ABY1	3.61e-07	3.29e-05%	0.0	1	6.22e-05	0.0	1.34e-05	1.23e-06	3.69e-05%
OTU_4088	True	koll11	3.58e-07	3.26e-05%	0.0	1	0.000172	3.92e-05	3.54e-05	2.36e-06	7.07e-05%
L1625	False	OD1	3.56e-07	3.24e-05%	0.0	1	0.000208	0.00018	4.3e-05	3.94e-06	0.000118%
L3	False	Bacteria	3.53e-07	3.22e-05%	0.0	1	0.998	0.999	1.0	-6.56418777537e-08	-1.96992344117e-06%
OTU_6157	True	ZB2	3.52e-07	3.2e-05%	0.0	1	0.000317	7.78e-05	8.4e-05	1.69e-06	5.08e-05%
OTU_5953	True	OD1	3.49e-07	3.18e-05%	0.0	1	0.000358	0.0	7.26e-05	8.4e-07	2.52e-05%
OTU_277	True	koll11	3.45e-07	3.14e-05%	0.0	1	0.000312	2.56e-06	9.54e-05	8.21e-07	2.47e-05%
L901	False	koll11	3.41e-07	3.11e-05%	0.0	1	0.00107	0.000358	0.00084	3.21e-06	9.63e-05%
OTU_456	True	koll11	3.39e-07	3.09e-05%	0.0	1	0.000234	0.000138	3.12e-05	2.45e-06	7.34e-05%
L152	False	ABY1	3.38e-07	3.08e-05%	0.0	1	0.000408	0.000313	0.000198	1.14e-05	0.000341%
L1205	False	koll11	3.31e-07	3.02e-05%	0.0	1	0.000144	0.00024	6.66e-05	6.67e-06	0.0002%
OTU_6099	True	OD1	3.31e-07	3.01e-05%	0.0	1	0.000227	2.62e-05	4.48e-06	1.16e-06	3.48e-05%
OTU_424	True	PBS-25	3.21e-07	2.93e-05%	0.0	1	0.000117	0.00016	1.17e-07	1.8e-06	5.39e-05%
OTU_5435	True	OD1	3.2e-07	2.91e-05%	0.0	1	0.000176	0.000146	4.02e-05	3.93e-06	0.000118%
OTU_6251	True	ZB2	3.2e-07	2.91e-05%	0.0	1	0.000172	3.57e-05	2.48e-05	1.5e-06	4.51e-05%
OTU_3150	True	TM6	3.18e-07	2.89e-05%	0.0	1	0.000162	3.09e-05	3.13e-06	9.08e-07	2.72e-05%
OTU_8738	True	OD1	3.14e-07	2.86e-05%	0.0	1	0.0	1.31e-05	7.32e-05	1.57e-06	4.72e-05%
L1053	False	koll11	3.1e-07	2.82e-05%	0.0	1	0.00441	0.000685	0.00235	1.31e-06	3.93e-05%
OTU_8089	True	ABY1	3.08e-07	2.81e-05%	0.0	1	0.0	0.000122	5.22e-05	2.03e-06	6.08e-05%
OTU_8669	True	EW055	3.08e-07	2.81e-05%	0.0	1	0.00013	0.0	4.94e-05	1.34e-06	4.01e-05%
OTU_7939	True	OD1	3.08e-07	2.8e-05%	0.0	1	6.92e-05	2.15e-05	5.31e-06	1.29e-06	3.88e-05%
OTU_2708	True	koll11	3.07e-07	2.79e-05%	0.0	1	0.000273	6.73e-05	7.31e-05	1.86e-06	5.58e-05%
OTU_4986	True	ZB2	3.06e-07	2.79e-05%	0.0	1	0.000329	0.000173	5.73e-05	2.53e-06	7.58e-05%
L541	False	SJA-4	3.03e-07	2.76e-05%	0.0	1	0.00159	0.000561	0.00195	4.49e-06	0.000135%
L637	False	PBS-25	2.99e-07	2.72e-05%	0.0	1	0.000218	6.3e-05	4.1e-06	1.24e-06	3.73e-05%
OTU_528	True	koll11	2.97e-07	2.7e-05%	0.0	1	9.69e-05	1.25e-05	1.85e-05	1.37e-06	4.12e-05%
L448	False	OP11-4	2.96e-07	2.7e-05%	0.0	1	0.000114	1.33e-05	0.000217	1.57e-06	4.71e-05%
OTU_5883	True	OD1	2.95e-07	2.69e-05%	0.0	1	0.000116	8.2e-07	1.54e-05	7.5e-07	2.25e-05%
L617	False	BD4-9	2.94e-07	2.67e-05%	0.0	1	0.000102	0.000132	0.0	1.95e-06	5.86e-05%
OTU_7974	True	ABY1	2.86e-07	2.6e-05%	0.0	1	0.000104	0.000141	0.000218	2.6e-05	0.000779%
OTU_9719	True	Mb-NB09	2.83e-07	2.58e-05%	0.0	1	8.78e-05	0.0	5.89e-06	9.04e-07	2.71e-05%
OTU_6920	True	OD1	2.81e-07	2.56e-05%	0.0	1	0.00011	0.0	0.0	5.08e-07	1.53e-05%
L219	False	ABY1	2.8e-07	2.54e-05%	0.0	1	0.00143	0.00175	0.00117	5.5e-05	0.00165%
L1748	False	OD1	2.78e-07	2.53e-05%	0.0	1	0.00134	0.00135	0.00184	5.4e-05	0.00162%
OTU_6645	True	ZB2	2.78e-07	2.53e-05%	0.0	1	0.000157	0.00016	3.64e-05	3.45e-06	0.000104%
OTU_6633	True	ZB2	2.71e-07	2.47e-05%	0.0	1	0.000141	0.000108	6.31e-05	8.38e-06	0.000252%
L1489	False	ZB2	2.68e-07	2.44e-05%	0.0	1	0.000377	0.000102	9.1e-05	1.19e-06	3.57e-05%
OTU_7852	True	ZB2	2.57e-07	2.34e-05%	0.0	1	4.74e-05	0.0	0.0	6.74e-07	2.02e-05%
OTU_6019	True	ABY1	2.54e-07	2.31e-05%	0.0	1	0.0001	0.000111	3.62e-05	5.46e-06	0.000164%
OTU_5997	True	OD1	2.53e-07	2.3e-05%	0.0	1	5.39e-05	0.000156	0.000125	2.34e-05	0.000703%
OTU_928	True	koll11	2.52e-07	2.29e-05%	0.0	1	0.0	9.22e-05	0.0	9.06e-07	2.72e-05%
OTU_2288	True	PBS-25	2.51e-07	2.29e-05%	0.0	1	4.93e-05	1.02e-05	0.0	7.32e-07	2.2e-05%
OTU_460	True	koll11	2.51e-07	2.28e-05%	0.0	1	1.91e-05	0.000118	0.0	1.18e-06	3.54e-05%
OTU_6066	True	OD1	2.48e-07	2.26e-05%	0.0	1	1.89e-05	0.000107	1.58e-05	2.41e-06	7.22e-05%
OTU_2611	True	SJA-4	2.43e-07	2.21e-05%	0.0	1	6.36e-05	0.000158	2.35e-07	1e-06	3e-05%
L1211	False	GIF10	2.43e-07	2.21e-05%	0.0	1	0.000171	9.52e-06	1.44e-05	5.53e-07	1.66e-05%
L869	False	koll11	2.42e-07	2.21e-05%	0.0	1	0.00074	3.55e-05	1.23e-05	3.66e-07	1.1e-05%
L27	False	Bacteria	2.37e-07	2.16e-05%	0.0	1	0.992	0.997	1.0	-2.34642430207e-07	-7.04165754203e-06%
OTU_5486	True	OD1	2.36e-07	2.15e-05%	0.0	1	0.000142	0.0	0.0	4.76e-07	1.43e-05%
L288	False	ABY1	2.31e-07	2.11e-05%	0.0	1	0.000286	0.000153	1.34e-05	1.18e-06	3.56e-05%
OTU_8795	True	Mb-NB09	2.29e-07	2.09e-05%	0.0	1	0.000158	5.77e-05	0.00013	2.98e-06	8.95e-05%
OTU_8328	True	OD1	2.29e-07	2.09e-05%	0.0	1	0.000114	2.44e-05	5.39e-05	1.79e-06	5.38e-05%
L1763	False	OD1	2.12e-07	1.93e-05%	0.0	1	0.000268	0.000211	0.000298	3.82e-05	0.00115%
L11	False	Bacteria	2.12e-07	1.93e-05%	0.0	1	0.995	0.998	1.0	-9.17483848654e-08	-2.75338397104e-06%
L221	False	ABY1	2.1e-07	1.91e-05%	0.0	1	0.00106	0.00173	0.00114	4.28e-05	0.00128%
OTU_6516	True	OD1	2.07e-07	1.88e-05%	0.0	1	7.23e-05	3.76e-05	1.32e-05	2.11e-06	6.35e-05%
L1030	False	koll11	2.05e-07	1.86e-05%	0.0	1	0.000901	0.000142	0.000767	1.56e-06	4.67e-05%
OTU_1326	True	PBS-25	2.03e-07	1.85e-05%	0.0	1	5.3e-06	5.1e-05	0.0	1.03e-06	3.08e-05%

OTU_1514	True	koll11	1.99e-07	1.82e-05%	0.0	1	7.85e-05	1.96e-05	0.0	6.95e-07	2.09e-05%
L217	False	ABY1	1.99e-07	1.81e-05%	0.0	1	0.00157	0.00178	0.00117	2.36e-05	0.000707%
OTU_2845	True	PBS-25	1.98e-07	1.81e-05%	0.0	1	0.000365	0.000382	0.000106	2.34e-06	7.02e-05%
OTU_5270	True	OD1	1.96e-07	1.78e-05%	0.0	1	0.000122	2.94e-05	1.35e-05	1.13e-06	3.38e-05%
OTU_6642	True	ZB2	1.94e-07	1.77e-05%	0.0	1	0.000169	2.2e-05	3.64e-06	5.05e-07	1.52e-05%
L1224	False	koll11	1.91e-07	1.74e-05%	0.0	1	0.000395	0.000283	0.00043	1.53e-05	0.000458%
OTU_1439	True	koll11	1.9e-07	1.73e-05%	0.0	1	0.000104	2.83e-05	0.0	6.39e-07	1.92e-05%
OTU_9194	True	ABY1	1.89e-07	1.72e-05%	0.0	1	5.37e-05	0.0	1.49e-05	6.89e-07	2.07e-05%
OTU_6682	True	ZB2	1.85e-07	1.69e-05%	0.0	1	0.0	0.000142	5.39e-06	6.29e-07	1.89e-05%
OTU_8641	True	ABY1	1.83e-07	1.66e-05%	0.0	1	9e-05	2.41e-05	0.0	7.32e-07	2.2e-05%
OTU_9063	True	Mb-NB09	1.82e-07	1.66e-05%	0.0	1	0.000231	7.03e-05	0.0	6.01e-07	1.8e-05%
OTU_1331	True	koll11	1.82e-07	1.65e-05%	0.0	1	3.62e-05	0.000187	4.63e-05	2.28e-06	6.84e-05%
OTU_1058	True	koll11	1.82e-07	1.65e-05%	0.0	1	0.000535	0.000321	0.000565	6.85e-06	0.000206%
L1439	False	ZB2	1.79e-07	1.63e-05%	0.0	1	0.000302	8.04e-05	9.29e-05	1.21e-06	3.62e-05%
OTU_8041	True	TM7-3	1.78e-07	1.62e-05%	0.0	1	5.72e-05	0.0	0.0	4.01e-07	1.2e-05%
OTU_3297	True	PBS-25	1.77e-07	1.61e-05%	0.0	1	0.000332	0.000102	0.00022	1.45e-06	4.35e-05%
OTU_1626	True	PBS-25	1.76e-07	1.6e-05%	0.0	1	0.000196	0.0	0.0	2.94e-07	8.83e-06%
OTU_6085	True	ZB2	1.73e-07	1.57e-05%	0.0	1	0.000161	0.000261	3.14e-06	1.2e-06	3.6e-05%
OTU_5924	True	OD1	1.63e-07	1.49e-05%	0.0	1	0.000105	0.000232	2.91e-07	7.99e-07	2.4e-05%
OTU_1096	True	koll11	1.63e-07	1.48e-05%	0.0	1	0.000108	5.37e-05	2.03e-05	1.16e-06	3.47e-05%
L1226	False	koll11	1.61e-07	1.47e-05%	0.0	1	0.000201	0.000253	0.00043	9.2e-06	0.000276%
OTU_10804	True	OP11-4	1.59e-07	1.45e-05%	0.0	1	0.000332	1.01e-05	8.03e-05	4.42e-07	1.32e-05%
L965	False	koll11	1.58e-07	1.43e-05%	0.0	1	0.00052	0.000565	7.77e-05	1.13e-06	3.39e-05%
OTU_136	True	OD1	1.57e-07	1.43e-05%	0.0	1	3.78e-05	2.88e-05	0.0	7.93e-07	2.38e-05%
OTU_458	True	koll11	1.52e-07	1.38e-05%	0.0	1	2.76e-05	0.000147	3.41e-05	1.9e-06	5.7e-05%
L1749	False	OD1	1.49e-07	1.35e-05%	0.0	1	0.000979	0.00114	0.00154	2.43e-05	0.00073%
OTU_878	True	koll11	1.45e-07	1.32e-05%	0.0	1	8.95e-05	6.29e-06	1.29e-05	5.13e-07	1.54e-05%
L804	False	PBS-25	1.3e-07	1.18e-05%	0.0	1	1.43e-05	0.000255	0.000288	1.71e-06	5.13e-05%
L1216	False	koll11	1.27e-07	1.16e-05%	0.0	1	0.000724	0.000688	0.000423	7.97e-06	0.000239%
L223	False	ABY1	1.24e-07	1.13e-05%	0.0	1	0.00105	0.00107	0.000805	2.77e-05	0.000832%
OTU_459	True	koll11	1.23e-07	1.12e-05%	0.0	1	0.000467	0.000489	7.77e-05	9.97e-07	2.99e-05%
OTU_5359	True	Mb-NB09	1.22e-07	1.11e-05%	0.0	1	6.95e-05	7.63e-07	2.83e-06	3.23e-07	9.68e-06%
L1619	False	OD1	1.2e-07	1.1e-05%	0.0	1	0.00197	0.00242	0.000736	1.58e-06	4.73e-05%
L1755	False	OD1	1.14e-07	1.04e-05%	0.0	1	0.000465	0.000938	0.000821	1.57e-05	0.000472%
OTU_6580	True	ZB2	1.14e-07	1.04e-05%	0.0	1	1.8e-05	5.67e-05	8.01e-05	2.96e-06	8.9e-05%
OTU_9018	True	Mb-NB09	1.1e-07	9.97e-06%	0.0	1	6.6e-05	1.66e-05	3.59e-05	1.29e-06	3.88e-05%
OTU_1646	True	PBS-25	1.07e-07	9.73e-06%	0.0	1	0.000135	1.77e-05	8.44e-05	9.44e-07	2.83e-05%
OTU_4502	True	koll11	1.04e-07	9.44e-06%	0.0	1	0.00017	1.77e-07	0.0	2.2e-07	6.6e-06%
OTU_8165	True	ABY1	1.02e-07	9.33e-06%	0.0	1	3.21e-05	8.76e-05	2.47e-05	2.57e-06	7.71e-05%
OTU_8234	True	ABY1	1.01e-07	9.16e-06%	0.0	1	6.8e-05	5.99e-05	1.81e-05	1.67e-06	5.02e-05%
L1032	False	koll11	9.5e-08	8.65e-06%	0.0	1	0.000632	9.87e-05	0.000767	7.77e-07	2.33e-05%
L1217	False	koll11	9.24e-08	8.41e-06%	0.0	1	0.000155	0.000372	0.000368	1.01e-05	0.000303%
OTU_4774	True	koll11	7.41e-08	6.74e-06%	0.0	1	0.000199	0.000243	0.00012	4.97e-06	0.000149%
OTU_6684	True	ZB2	7.31e-08	6.65e-06%	0.0	1	0.000145	8.18e-05	4.83e-05	1.01e-06	3.04e-05%
OTU_8154	True	OP11-4	7.23e-08	6.58e-06%	0.0	1	7.26e-05	1e-05	1.62e-05	3.76e-07	1.13e-05%
OTU_8890	True	ABY1	6.56e-08	5.97e-06%	0.0	1	0.0	5.47e-06	0.0	1.92e-07	5.75e-06%
L898	False	koll11	6.28e-08	5.72e-06%	0.0	1	0.000524	0.000398	2.69e-05	4.43e-07	1.33e-05%
OTU_4497	True	koll11	5.28e-08	4.8e-06%	0.0	1	0.000141	1.12e-05	0.0	1.41e-07	4.24e-06%
OTU_1883	True	koll11	5.25e-08	4.78e-06%	0.0	1	0.000139	1.48e-05	8.44e-06	1.6e-07	4.8e-06%
OTU_831	True	koll11	4.95e-08	4.5e-06%	0.0	1	0.000295	2.88e-05	0.0	1.04e-07	3.13e-06%
L1362	False	OD1	4.55e-08	4.14e-06%	0.0	1	0.077	0.696	0.738	1.55e-08	4.66e-07%
OTU_4864	True	GIF10	4.54e-08	4.13e-06%	0.0	1	9.21e-05	7.59e-06	0.0	1.06e-07	3.18e-06%
L1377	False	OD1	4.48e-08	4.08e-06%	0.0	1	0.0159	0.564	0.479	2.69e-08	8.07e-07%
OTU_8167	True	ZB2	3.9e-08	3.55e-06%	0.0	1	0.000141	0.000328	0.000177	2.66e-06	7.98e-05%
L1364	False	OD1	3.87e-08	3.53e-06%	0.0	1	0.0654	0.642	0.579	2.01e-08	6.03e-07%
OTU_8084	True	ABY1	3.49e-08	3.18e-06%	0.0	1	0.000122	8.61e-05	0.000166	1.63e-06	4.89e-05%
L570	False	SJA-4	2.29e-08	2.08e-06%	0.0	1	0.000143	0.00023	0.000127	4.1e-06	0.000123%
OTU_8017	True	ABY1	2.04e-08	1.85e-06%	0.001	0	4.16e-05	4.62e-05	2.12e-05	7.85e-07	2.36e-05%
OTU_5992	True	ZB2	1.61e-08	1.47e-06%	0.0	1	0.00244	0.208	0.13	2.53e-08	7.59e-07%
OTU_1177	True	OP3	1.18e-08	1.07e-06%	0.014	0	0.000117	0.000135	8.85e-05	2.41e-06	7.22e-05%
L970	False	koll11	1.17e-08	1.07e-06%	0.0	1	0.187	0.028	0.0363	4.18e-09	1.26e-07%
L1007	False	koll11	5.93e-09	5.4e-07%	0.0	1	0.0996	0.0149	0.0241	3.41e-09	1.02e-07%
L1433	False	ZB2	3.57e-09	3.25e-07%	0.0	1	0.00486	0.0436	0.064	5.04e-09	1.51e-07%
L808	False	OP3	3.37e-09	3.07e-07%	0.0	1	0.0451	0.00553	0.00698	2.73e-09	8.2e-08%
L953	False	koll11	2.32e-09	2.11e-07%	0.0	1	0.0257	0.00305	0.00189	2.1e-09	6.31e-08%

L1280	False	TM7-3	2.22e-09	2.02e-07%	0.0	1	0.0103	0.000291	0.0265	1.1e-08	3.32e-07%
L1498	False	ZB2	2.01e-09	1.83e-07%	0.0	1	0.000497	0.024	0.0253	6.63e-09	1.99e-07%
L468	False	OP11-4	1.83e-09	1.67e-07%	0.0	1	0.0254	0.00548	0.00257	2.01e-09	6.03e-08%
L319	False	OD1	1.59e-09	1.44e-07%	0.0	1	0.018	0.00287	0.00106	1.22e-09	3.65e-08%
L170	False	OD1	1.55e-09	1.42e-07%	0.0	1	0.0416	0.0211	0.00948	3.2e-09	9.59e-08%
L1042	False	koll11	1.5e-09	1.36e-07%	0.0	1	0.0238	0.00306	0.00668	2.74e-09	8.22e-08%
L1682	False	OD1	1.39e-09	1.26e-07%	0.0	1	0.0173	0.0039	0.00109	1.03e-09	3.1e-08%
L1103	False	koll11	1.09e-09	9.9e-08%	0.0	1	0.00857	0.000108	0.000353	1.89e-09	5.66e-08%
L1043	False	koll11	8.18e-10	7.44e-08%	0.0	1	0.0153	0.00232	0.00636	2.11e-09	6.33e-08%
L230	False	ABY1	8.1e-10	7.37e-08%	0.0	1	0.0115	0.00276	0.00123	1.28e-09	3.86e-08%
OTU_7230	True	ABY1	7.69e-10	7e-08%	0.0	1	0.00783	0.00128	0.000231	8.86e-10	2.66e-08%
L164	False	ABY1	6.17e-10	5.62e-08%	0.0	1	0.00524	0.000484	4.5e-05	1.1e-09	3.31e-08%
OTU_6022	True	OD1	5.75e-10	5.23e-08%	0.0	1	0.00616	0.00142	0.000151	8.21e-10	2.47e-08%
L1124	False	koll11	4.58e-10	4.17e-08%	0.0	1	0.00444	0.0003	0.000347	6.49e-10	1.95e-08%
L249	False	ABY1	4.37e-10	3.98e-08%	0.0	1	0.00497	0.00137	0.000155	7.23e-10	2.17e-08%
L169	False	OD1	4.29e-10	3.9e-08%	0.0	1	0.0518	0.0421	0.03	5.11e-09	1.53e-07%
L1421	False	ZB2	4.16e-10	3.79e-08%	0.0	1	0.000175	0.00311	0.00635	1.1e-09	3.29e-08%
OTU_8209	True	ABY1	3.7e-10	3.37e-08%	0.0	1	5.71e-05	0.00538	0.00272	1.81e-09	5.43e-08%
L324	False	ABY1	3.42e-10	3.11e-08%	0.0	1	0.00332	0.000489	8.77e-05	5e-10	1.5e-08%
L1455	False	ZB2	3.4e-10	3.09e-08%	0.0	1	0.000744	0.00485	0.00737	9.15e-10	2.75e-08%
L1566	False	ZB2	3.16e-10	2.88e-08%	0.0	1	0.00418	0.000608	0.000661	4.21e-10	1.26e-08%
L1788	False	OD1	3.15e-10	2.87e-08%	0.0	1	0.00347	0.000443	0.000295	3.13e-10	9.41e-09%
L1295	False	TM7-3	3.06e-10	2.79e-08%	0.0	1	3.44e-06	0.000104	0.00262	9.45e-10	2.84e-08%
L763	False	PBS-25	2.62e-10	2.39e-08%	0.0	1	0.00213	0.000218	5.83e-08	7.63e-10	2.29e-08%
L369	False	Bacteria	2.58e-10	2.35e-08%	0.0	1	0.85	0.854	0.92	2.05e-09	6.16e-08%
L1300	False	EW055	2.48e-10	2.26e-08%	0.0	1	0.00215	0.000186	4.94e-05	7.8e-10	2.34e-08%
L682	False	koll11	2.46e-10	2.24e-08%	0.0	1	0.00501	0.0014	0.00129	5.97e-10	1.79e-08%
OTU_5548	True	OD1	2.29e-10	2.09e-08%	0.0	1	0.00266	0.000215	0.000472	3.23e-10	9.69e-09%
L774	False	PBS-25	1.88e-10	1.71e-08%	0.0	1	0.00218	0.000217	0.00032	6.17e-10	1.85e-08%
OTU_7396	True	ABY1	1.79e-10	1.63e-08%	0.0	1	0.00245	0.000976	0.00016	7.96e-10	2.39e-08%
L922	False	koll11	1.71e-10	1.56e-08%	0.0	1	0.00113	3.48e-06	3.29e-06	2.78e-10	8.35e-09%
L896	False	koll11	1.53e-10	1.39e-08%	0.0	1	0.00379	0.000992	0.0017	7.71e-10	2.31e-08%
OTU_851	True	koll11	1.49e-10	1.35e-08%	0.0	1	0.00141	0.000118	9.12e-05	2.9e-10	8.69e-09%
L884	False	koll11	1.48e-10	1.35e-08%	0.0	1	0.00318	0.00167	0.000579	7.25e-10	2.18e-08%
L1732	False	Mb-NB09	1.25e-10	1.14e-08%	0.0	1	0.00163	0.00105	6.99e-05	5.87e-10	1.76e-08%
L689	False	koll11	1.21e-10	1.1e-08%	0.0	1	0.00252	0.000512	0.00112	4.24e-10	1.27e-08%
OTU_4847	True	ZB2	1.13e-10	1.03e-08%	0.0	1	0.000864	4.88e-05	5.03e-06	1.58e-10	4.73e-09%
OTU_7190	True	ABY1	1.1e-10	1e-08%	0.0	1	0.0	0.0013	0.000245	3.27e-10	9.82e-09%
L384	False	ABY1	1.07e-10	9.77e-09%	0.0	1	0.000769	2.22e-05	4.17e-06	1.65e-10	4.95e-09%
L1729	False	Mb-NB09	1.07e-10	9.71e-09%	0.0	1	0.00263	0.00138	0.000604	7.13e-10	2.14e-08%
L640	False	PBS-25	9.79e-11	8.91e-09%	0.0	1	0.000692	1.6e-05	4.22e-06	1.64e-10	4.93e-09%
L388	False	ABY1	8.78e-11	7.99e-09%	0.0	1	0.0117	0.00848	0.00762	1.62e-09	4.86e-08%
L1633	False	ZB2	7.77e-11	7.07e-09%	0.0	1	0.00282	0.00141	0.00106	9.35e-10	2.81e-08%
OTU_6407	True	ZB2	7.34e-11	6.68e-09%	0.0	1	1.06e-05	0.00111	0.000529	1.32e-10	3.97e-09%
OTU_7956	True	OD1	6.33e-11	5.77e-09%	0.0	1	0.000521	7.01e-05	0.000979	3.33e-10	9.98e-09%
OTU_876	True	koll11	6.04e-11	5.5e-09%	0.0	1	0.000382	0.0	0.0	1.22e-10	3.66e-09%
OTU_5946	True	OD1	5.89e-11	5.36e-09%	0.0	1	0.000548	4.09e-05	3.98e-05	1.36e-10	4.07e-09%
L795	False	PBS-25	5e-11	4.55e-09%	0.0	1	0.000527	0.000409	3.56e-06	2.12e-10	6.35e-09%
OTU_309	True	PBS-25	3.5e-11	3.19e-09%	0.0	1	0.000478	6.21e-05	0.000119	1.32e-10	3.97e-09%
OTU_5803	True	OD1	3.19e-11	2.9e-09%	0.0	1	0.000274	1.4e-05	1.78e-05	1.03e-10	3.08e-09%
OTU_6715	True	ZB2	3.15e-11	2.87e-09%	0.0	1	0.000279	4.37e-05	3.3e-06	8.65e-11	2.6e-09%
L371	False	ABY1	2.86e-11	2.6e-09%	0.0	1	0.00068	0.000226	0.000229	2.61e-10	7.84e-09%
OTU_411	True	koll11	2.78e-11	2.53e-09%	0.0	1	0.000342	5.56e-05	4.77e-05	1.21e-10	3.64e-09%
OTU_6109	True	ZB2	2.75e-11	2.51e-09%	0.0	1	4.14e-06	0.000414	0.000314	7.86e-11	2.36e-09%
OTU_6578	True	WCHBI-64	2.32e-11	2.11e-09%	0.0	1	0.000112	7.92e-05	0.000464	1.6e-10	4.81e-09%
OTU_5244	True	OD1	2.07e-11	1.88e-09%	0.0	1	0.000222	5.87e-05	8.28e-06	9.03e-11	2.71e-09%
OTU_1017	True	PRR-12	2.07e-11	1.88e-09%	0.0	1	0.000166	0.0	2.43e-05	7.59e-11	2.28e-09%
OTU_5805	True	OD1	1.91e-11	1.74e-09%	0.0	1	0.000302	0.000177	3.09e-05	9.9e-11	2.97e-09%
OTU_6594	True	ZB2	1.73e-11	1.57e-09%	0.0	1	0.000144	2.44e-05	0.0	5.95e-11	1.79e-09%
L1751	False	OD1	1.11e-11	1.01e-09%	0.0	1	0.000721	0.00111	0.00154	6.46e-10	1.94e-08%
OTU_9186	True	Mb-NB09	6.2e-12	5.64e-10%	0.0	1	0.00013	9.95e-05	2.45e-05	6.17e-11	1.85e-09%
L0	False	Bacteria	4.19e-17	3.81e-15%	0.0731	0	1.0	1.0	1.0	1.26e-16	3.77e-15%
L1	False	Bacteria	1.92e-17	1.75e-15%	0.0731	0	1.0	1.0	1.0	5.78e-17	1.73e-15%
L1960	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1975	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%

OTU_10936	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_10954	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1984	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1983	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_10977	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1981	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_13	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_10991	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11097	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1977	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11020	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1974	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1988	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1973	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1972	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11044	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11073	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1969	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1968	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11306	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11297	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1965	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11207	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_10884	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1987	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_10976	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11266	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_10957	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_21	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L2012	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_20	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L2010	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_10959	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L2008	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11285	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11271	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11308	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L2004	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11284	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L2002	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_22	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L2000	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11336	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1998	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_17	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1996	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1995	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11180	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1993	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1992	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11000	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1962	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11312	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11167	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1921	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11194	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1930	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11276	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_10942	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11120	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1926	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1925	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_10973	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1923	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1922	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%

OTU_10967	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1959	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1919	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1918	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11012	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11188	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1915	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1914	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1913	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1912	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_5181	True	BB36	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_8171	True	TM7-3	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1932	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11121	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11281	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11341	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_102	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1955	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_3999	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1953	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_144	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1951	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1950	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1949	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11287	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1935	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1946	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1945	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_10979	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11015	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_11153	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1941	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1940	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_10982	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
L1938	False	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_10944	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_10946	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_112	True	Archaea	0.0	0.0%	1.0	0	0.0	0.0	0.0	0.0	0.0%
OTU_8811	True	TM7-1	-4.12666858936e-09	-3.75625562533e-07%	1.0	0	0.000125	0.00015	0.000111	1.31e-05	0.000392%
L1478	False	ZB2	-2.61521032376e-08	-2.38046702256e-06%	1.0	0	0.000269	0.000387	0.000302	1.01e-05	0.000303%
L1674	False	OD1	-2.91522705834e-08	-2.65355402302e-06%	1.0	0	0.00031	0.000362	0.000306	1.51e-05	0.000453%
L1746	False	OD1	-9.75070249994e-08	-8.87547190262e-06%	1.0	0	0.00139	0.00172	0.00185	5.03e-05	0.00151%