

Supplementary Table 2: ANCOM Oral Microbiota

ID	FDR_CRCvsHC	FDR_POLvsHC	taxonomy.Kingdo	taxonomy.Phylum
OTU00037	<.05	ns	Bacteria	Proteobacteria
OTU00103	<.05	<.05	Bacteria	Firmicutes
OTU00120	<.05	ns	Bacteria	Bacteroidetes
OTU00189	<.05	ns	Bacteria	Bacteroidetes
OTU00215	<.05	ns	Bacteria	Bacteroidetes
OTU00465	<.05	ns	Bacteria	Firmicutes
OTU01421	<.05	ns	Bacteria	Proteobacteria
OTU02032	<.05	<.05	Bacteria	Firmicutes
OTU00034	<.1	<.1	Bacteria	Proteobacteria
OTU00236	<.1	<.05	Bacteria	Fusobacteria
OTU00001	ns	ns	Bacteria	Firmicutes
OTU00002	ns	ns	Bacteria	Proteobacteria
OTU00005	ns	ns	Bacteria	Proteobacteria
OTU00006	ns	ns	Bacteria	Firmicutes
OTU00007	ns	ns	Bacteria	Firmicutes
OTU00009	ns	ns	Bacteria	Bacteroidetes
OTU00010	ns	ns	Bacteria	Firmicutes
OTU00011	ns	ns	Bacteria	Proteobacteria
OTU00012	ns	ns	Bacteria	Firmicutes
OTU00016	ns	ns	Bacteria	Firmicutes
OTU00017	ns	ns	Bacteria	Firmicutes
OTU00018	ns	ns	Bacteria	Bacteroidetes
OTU00019	ns	ns	Bacteria	Bacteroidetes
OTU00020	ns	ns	Bacteria	Firmicutes
OTU00021	ns	ns	Bacteria	Bacteroidetes
OTU00022	ns	ns	Bacteria	Bacteroidetes
OTU00023	ns	ns	Bacteria	Firmicutes
OTU00025	ns	ns	Bacteria	Firmicutes
OTU00027	ns	ns	Bacteria	Firmicutes
OTU00028	ns	ns	Bacteria	Firmicutes
OTU00029	ns	ns	Bacteria	Firmicutes
OTU00030	ns	ns	Bacteria	Actinobacteria
OTU00031	ns	ns	Bacteria	Firmicutes
OTU00032	ns	ns	Bacteria	Bacteroidetes
OTU00033	ns	ns	Bacteria	Actinobacteria
OTU00038	ns	ns	Bacteria	Firmicutes
OTU00039	ns	ns	Bacteria	Firmicutes
OTU00040	ns	ns	Bacteria	Firmicutes
OTU00041	ns	ns	Bacteria	Fusobacteria
OTU00042	ns	ns	Bacteria	Actinobacteria
OTU00043	ns	ns	Bacteria	Proteobacteria
OTU00044	ns	ns	Bacteria	Firmicutes
OTU00045	ns	ns	Bacteria	Firmicutes
OTU00046	ns	ns	Bacteria	Firmicutes
OTU00047	ns	ns	Bacteria	Firmicutes
OTU00048	ns	ns	Bacteria	Firmicutes
OTU00049	ns	ns	Bacteria	Firmicutes
OTU00050	ns	ns	Bacteria	Bacteroidetes

OTU00053	ns	ns	Bacteria	Firmicutes
OTU00054	ns	ns	Bacteria	Proteobacteria
OTU00055	ns	ns	Bacteria	Bacteroidetes
OTU00056	ns	ns	Bacteria	Firmicutes
OTU00058	ns	ns	Bacteria	Bacteroidetes
OTU00059	ns	ns	Bacteria	Bacteroidetes
OTU00060	ns	ns	Bacteria	Bacteroidetes
OTU00061	ns	ns	Bacteria	Proteobacteria
OTU00062	ns	ns	Bacteria	Bacteroidetes
OTU00063	ns	ns	Bacteria	Actinobacteria
OTU00064	ns	ns	Bacteria	Firmicutes
OTU00065	ns	<.1	Bacteria	Firmicutes
OTU00066	ns	ns	Bacteria	Firmicutes
OTU00067	ns	ns	Bacteria	Firmicutes
OTU00068	ns	ns	Bacteria	Bacteroidetes
OTU00069	ns	ns	Bacteria	Firmicutes
OTU00070	ns	ns	Bacteria	Verrucomicrobia
OTU00071	ns	ns	Bacteria	Firmicutes
OTU00072	ns	ns	Bacteria	Bacteroidetes
OTU00073	ns	ns	Bacteria	Fusobacteria
OTU00074	ns	ns	Bacteria	Firmicutes
OTU00075	ns	ns	Bacteria	Firmicutes
OTU00076	ns	ns	Bacteria	Bacteroidetes
OTU00077	ns	ns	Bacteria	Proteobacteria
OTU00078	ns	ns	Bacteria	Bacteroidetes
OTU00079	ns	ns	Bacteria	Bacteroidetes
OTU00080	ns	ns	Bacteria	Firmicutes
OTU00081	ns	ns	Bacteria	Firmicutes
OTU00082	ns	ns	Bacteria	Firmicutes
OTU00083	ns	ns	Bacteria	Proteobacteria
OTU00084	ns	ns	Bacteria	Actinobacteria
OTU00085	ns	ns	Bacteria	Proteobacteria
OTU00086	ns	ns	Bacteria	Proteobacteria
OTU00087	ns	ns	Bacteria	Firmicutes
OTU00088	ns	ns	Bacteria	Proteobacteria
OTU00089	ns	ns	Bacteria	Firmicutes
OTU00090	ns	ns	Bacteria	Firmicutes
OTU00091	ns	ns	Bacteria	Actinobacteria
OTU00092	ns	ns	Bacteria	Firmicutes
OTU00093	ns	ns	Bacteria	Firmicutes
OTU00095	ns	ns	Bacteria	Firmicutes
OTU00096	ns	ns	Bacteria	Fusobacteria
OTU00097	ns	ns	Bacteria	Firmicutes
OTU00098	ns	ns	Bacteria	Bacteroidetes
OTU00099	ns	ns	Bacteria	Proteobacteria
OTU00100	ns	ns	Bacteria	Firmicutes
OTU00101	ns	ns	Bacteria	Firmicutes
OTU00102	ns	ns	Bacteria	Bacteroidetes
OTU00104	ns	ns	Bacteria	Firmicutes
OTU00106	ns	ns	Bacteria	Firmicutes

OTU00107	ns	ns	Bacteria	Proteobacteria
OTU00108	ns	ns	Bacteria	Proteobacteria
OTU00109	ns	ns	Bacteria	Firmicutes
OTU00110	ns	ns	Bacteria	Firmicutes
OTU00111	ns	ns	Bacteria	Firmicutes
OTU00112	ns	ns	Bacteria	Firmicutes
OTU00115	ns	ns	Bacteria	Firmicutes
OTU00117	ns	ns	Bacteria	Fusobacteria
OTU00118	ns	ns	Bacteria	Firmicutes
OTU00121	ns	ns	Bacteria	Bacteroidetes
OTU00122	ns	ns	Bacteria	Firmicutes
OTU00123	ns	ns	Bacteria	Proteobacteria
OTU00124	ns	ns	Bacteria	Proteobacteria
OTU00125	ns	ns	Bacteria	Firmicutes
OTU00126	ns	ns	Bacteria	Actinobacteria
OTU00127	ns	ns	Bacteria	Firmicutes
OTU00128	ns	ns	Bacteria	Bacteroidetes
OTU00129	ns	ns	Bacteria	Bacteroidetes
OTU00130	ns	ns	Bacteria	Bacteroidetes
OTU00131	ns	ns	Bacteria	Firmicutes
OTU00133	ns	ns	Bacteria	Bacteroidetes
OTU00134	ns	ns	Bacteria	Firmicutes
OTU00135	ns	ns	Bacteria	Firmicutes
OTU00137	ns	ns	Bacteria	Actinobacteria
OTU00138	ns	ns	Bacteria	Actinobacteria
OTU00139	ns	ns	Bacteria	Firmicutes
OTU00140	ns	ns	Bacteria	Firmicutes
OTU00141	ns	ns	Bacteria	Firmicutes
OTU00143	ns	ns	Bacteria	Firmicutes
OTU00144	ns	ns	Bacteria	Firmicutes
OTU00145	ns	ns	Bacteria	Firmicutes
OTU00148	ns	ns	Bacteria	Bacteroidetes
OTU00149	ns	ns	Bacteria	Firmicutes
OTU00150	ns	ns	Bacteria	Bacteroidetes
OTU00151	ns	ns	Bacteria	Bacteroidetes
OTU00152	ns	ns	Bacteria	Firmicutes
OTU00153	ns	ns	Bacteria	Candidatus_Sacch
OTU00154	ns	ns	Bacteria	Firmicutes
OTU00155	ns	ns	Bacteria	Proteobacteria
OTU00156	ns	ns	Bacteria	Firmicutes
OTU00157	ns	ns	Bacteria	Firmicutes
OTU00158	ns	ns	Bacteria	Firmicutes
OTU00159	ns	ns	Bacteria	Firmicutes
OTU00161	ns	ns	Bacteria	Proteobacteria
OTU00162	ns	ns	Bacteria	Firmicutes
OTU00164	ns	ns	Bacteria	Bacteroidetes
OTU00166	ns	ns	Bacteria	Firmicutes
OTU00167	ns	ns	Bacteria	Firmicutes
OTU00168	ns	ns	Bacteria	Firmicutes
OTU00169	ns	ns	Bacteria	Firmicutes

OTU00171	ns	ns	Bacteria	Bacteroidetes
OTU00172	ns	ns	Bacteria	Firmicutes
OTU00173	ns	ns	Bacteria	Bacteroidetes
OTU00174	ns	ns	Bacteria	Firmicutes
OTU00175	ns	ns	Bacteria	Firmicutes
OTU00176	ns	ns	Bacteria	Proteobacteria
OTU00177	ns	ns	Bacteria	Firmicutes
OTU00179	ns	ns	Bacteria	Firmicutes
OTU00180	ns	ns	Bacteria	Firmicutes
OTU00181	ns	ns	Bacteria	Bacteroidetes
OTU00182	ns	ns	Bacteria	Bacteroidetes
OTU00183	ns	ns	Bacteria	Proteobacteria
OTU00185	ns	ns	Bacteria	Firmicutes
OTU00186	ns	ns	Bacteria	Firmicutes
OTU00187	ns	ns	Bacteria	Firmicutes
OTU00188	ns	ns	Bacteria	Bacteroidetes
OTU00192	ns	ns	Bacteria	Bacteroidetes
OTU00193	ns	ns	Bacteria	Bacteroidetes
OTU00196	ns	ns	Bacteria	Bacteroidetes
OTU00197	ns	ns	Bacteria	Firmicutes
OTU00198	ns	ns	Bacteria	Firmicutes
OTU00200	ns	ns	Bacteria	Firmicutes
OTU00201	ns	ns	Bacteria	Bacteroidetes
OTU00202	ns	ns	Bacteria	Actinobacteria
OTU00203	ns	ns	Bacteria	Bacteroidetes
OTU00204	ns	ns	Bacteria	Proteobacteria
OTU00205	ns	ns	Bacteria	Firmicutes
OTU00206	ns	ns	Bacteria	Firmicutes
OTU00208	ns	ns	Bacteria	Bacteroidetes
OTU00209	ns	ns	Bacteria	Firmicutes
OTU00210	ns	ns	Bacteria	Firmicutes
OTU00212	ns	ns	Bacteria	Firmicutes
OTU00217	ns	ns	Bacteria	Actinobacteria
OTU00218	ns	ns	Bacteria	Candidatus_Sacch
OTU00220	ns	ns	Bacteria	Firmicutes
OTU00221	ns	ns	Bacteria	Firmicutes
OTU00222	ns	ns	Bacteria	Firmicutes
OTU00223	ns	ns	Bacteria	Bacteroidetes
OTU00224	ns	ns	Bacteria	Proteobacteria
OTU00226	ns	ns	Bacteria	Proteobacteria
OTU00227	ns	ns	Bacteria	Proteobacteria
OTU00228	ns	ns	Bacteria	Firmicutes
OTU00229	ns	ns	Bacteria	Firmicutes
OTU00231	ns	ns	Bacteria	Actinobacteria
OTU00232	ns	ns	Bacteria	Firmicutes
OTU00235	ns	ns	Bacteria	Firmicutes
OTU00237	ns	ns	Bacteria	Firmicutes
OTU00238	ns	ns	Bacteria	Firmicutes
OTU00239	ns	ns	Bacteria	SR1
OTU00241	ns	ns	Bacteria	Bacteroidetes

OTU00244	ns	ns	Bacteria	Fusobacteria
OTU00245	ns	ns	Bacteria	Fusobacteria
OTU00247	ns	ns	Bacteria	Firmicutes
OTU00250	ns	ns	Bacteria	Bacteroidetes
OTU00252	ns	ns	Bacteria	Fusobacteria
OTU00253	ns	ns	Bacteria	Firmicutes
OTU00254	ns	ns	Bacteria	Spirochaetes
OTU00256	ns	ns	Bacteria	Bacteroidetes
OTU00260	ns	ns	Bacteria	Firmicutes
OTU00262	ns	ns	Bacteria	Firmicutes
OTU00266	ns	ns	Bacteria	Bacteroidetes
OTU00267	ns	ns	Bacteria	Bacteroidetes
OTU00269	ns	ns	Bacteria	Firmicutes
OTU00270	ns	ns	Bacteria	Bacteroidetes
OTU00271	ns	ns	Bacteria	Bacteroidetes
OTU00272	ns	ns	Bacteria	Fusobacteria
OTU00273	ns	ns	Bacteria	Firmicutes
OTU00275	ns	ns	Bacteria	Firmicutes
OTU00278	ns	ns	Bacteria	Bacteroidetes
OTU00281	ns	ns	Bacteria	Proteobacteria
OTU00284	ns	ns	Bacteria	Actinobacteria
OTU00291	ns	ns	Bacteria	Bacteroidetes
OTU00295	ns	ns	Bacteria	Bacteroidetes
OTU00296	ns	ns	Bacteria	Firmicutes
OTU00298	ns	ns	Archaea	Euryarchaeota
OTU00299	ns	ns	Bacteria	Proteobacteria
OTU00300	ns	ns	Bacteria	Actinobacteria
OTU00301	ns	ns	Bacteria	Synergistetes
OTU00302	ns	ns	Bacteria	Candidatus_Sacch
OTU00305	ns	ns	Bacteria	Fusobacteria
OTU00306	ns	ns	Bacteria	Firmicutes
OTU00307	ns	ns	Bacteria	Firmicutes
OTU00309	ns	ns	Bacteria	Bacteroidetes
OTU00310	ns	ns	Bacteria	Firmicutes
OTU00311	ns	ns	Bacteria	Firmicutes
OTU00312	ns	ns	Bacteria	Spirochaetes
OTU00314	ns	ns	Bacteria	Actinobacteria
OTU00315	ns	ns	Bacteria	Actinobacteria
OTU00318	ns	ns	Bacteria	Firmicutes
OTU00321	ns	ns	Bacteria	Firmicutes
OTU00324	ns	ns	Bacteria	Firmicutes
OTU00325	ns	ns	Bacteria	Bacteroidetes
OTU00327	ns	ns	Bacteria	Actinobacteria
OTU00328	ns	ns	Bacteria	Proteobacteria
OTU00330	ns	ns	Bacteria	Firmicutes
OTU00332	ns	ns	Bacteria	Firmicutes
OTU00337	ns	ns	Bacteria	Fusobacteria
OTU00339	ns	ns	Bacteria	Actinobacteria
OTU00340	ns	ns	Bacteria	Synergistetes
OTU00350	ns	ns	Bacteria	Verrucomicrobia

OTU00351	ns	ns	Bacteria	Firmicutes
OTU00352	ns	ns	Bacteria	Firmicutes
OTU00353	ns	ns	Bacteria	Firmicutes
OTU00356	ns	ns	Bacteria	Bacteroidetes
OTU00358	ns	ns	Bacteria	Bacteroidetes
OTU00359	ns	ns	Bacteria	Firmicutes
OTU00360	ns	ns	Bacteria	Firmicutes
OTU00362	ns	ns	Bacteria	Firmicutes
OTU00363	ns	ns	Bacteria	Firmicutes
OTU00364	ns	ns	Bacteria	Bacteroidetes
OTU00365	ns	ns	Bacteria	Firmicutes
OTU00368	ns	ns	Bacteria	Firmicutes
OTU00369	ns	ns	Bacteria	SR1
OTU00371	ns	ns	Bacteria	Firmicutes
OTU00375	ns	ns	Bacteria	Firmicutes
OTU00376	ns	ns	Bacteria	Firmicutes
OTU00378	ns	ns	Bacteria	Actinobacteria
OTU00379	ns	ns	Bacteria	Firmicutes
OTU00382	ns	ns	Bacteria	Firmicutes
OTU00383	ns	ns	Bacteria	Bacteroidetes
OTU00385	ns	ns	Bacteria	Firmicutes
OTU00386	ns	ns	Bacteria	Firmicutes
OTU00388	ns	ns	Bacteria	Firmicutes
OTU00391	ns	ns	Bacteria	Bacteroidetes
OTU00393	ns	ns	Bacteria	Candidatus_Sacch
OTU00398	ns	ns	Bacteria	Firmicutes
OTU00412	ns	ns	Bacteria	Bacteroidetes
OTU00413	ns	ns	Bacteria	Bacteroidetes
OTU00416	ns	ns	Bacteria	Firmicutes
OTU00419	ns	ns	Bacteria	Firmicutes
OTU00421	ns	ns	Bacteria	Bacteroidetes
OTU00430	ns	ns	Bacteria	Firmicutes
OTU00433	ns	ns	Bacteria	Firmicutes
OTU00434	ns	ns	Bacteria	Bacteroidetes
OTU00442	ns	ns	Bacteria	Firmicutes
OTU00443	ns	ns	Bacteria	Proteobacteria
OTU00444	ns	ns	Bacteria	Firmicutes
OTU00445	ns	ns	Bacteria	Spirochaetes
OTU00448	ns	ns	Bacteria	Lentisphaerae
OTU00449	ns	ns	Bacteria	Candidatus_Sacch
OTU00452	ns	ns	Bacteria	Firmicutes
OTU00454	ns	ns	Bacteria	Firmicutes
OTU00457	ns	ns	Bacteria	Firmicutes
OTU00458	ns	ns	Bacteria	Firmicutes
OTU00461	ns	ns	Bacteria	Bacteroidetes
OTU00464	ns	ns	Bacteria	Firmicutes
OTU00466	ns	ns	Bacteria	Firmicutes
OTU00469	ns	ns	Bacteria	Bacteroidetes
OTU00470	ns	ns	Bacteria	Bacteroidetes
OTU00471	ns	ns	Bacteria	Bacteroidetes

OTU00472	ns	ns	Bacteria	Firmicutes
OTU00475	ns	ns	Bacteria	Bacteroidetes
OTU00476	ns	ns	Bacteria	Tenericutes
OTU00477	ns	ns	Bacteria	Bacteroidetes
OTU00479	ns	ns	Bacteria	Firmicutes
OTU00482	ns	ns	Bacteria	Bacteroidetes
OTU00486	ns	ns	Bacteria	Bacteroidetes
OTU00490	ns	ns	Bacteria	Bacteroidetes
OTU00492	ns	ns	Bacteria	Spirochaetes
OTU00495	ns	ns	Bacteria	Proteobacteria
OTU00496	ns	ns	Bacteria	Bacteroidetes
OTU00500	ns	ns	Bacteria	Firmicutes
OTU00508	ns	ns	Bacteria	Fusobacteria
OTU00510	ns	ns	Bacteria	Firmicutes
OTU00511	ns	ns	Bacteria	Proteobacteria
OTU00514	ns	ns	Bacteria	Bacteroidetes
OTU00515	ns	ns	Bacteria	Firmicutes
OTU00516	ns	ns	Bacteria	Candidatus_Sacch
OTU00518	ns	ns	Bacteria	Bacteroidetes
OTU00519	ns	ns	Bacteria	Firmicutes
OTU00524	ns	ns	Bacteria	Bacteroidetes
OTU00525	ns	ns	Bacteria	Proteobacteria
OTU00531	ns	ns	Bacteria	Bacteroidetes
OTU00532	ns	ns	Bacteria	Actinobacteria
OTU00533	ns	ns	Bacteria	Firmicutes
OTU00537	ns	ns	Bacteria	Firmicutes
OTU00540	ns	ns	Bacteria	Bacteroidetes
OTU00542	ns	ns	Bacteria	Firmicutes
OTU00544	ns	ns	Bacteria	Firmicutes
OTU00546	ns	ns	Bacteria	Bacteroidetes
OTU00547	ns	ns	Bacteria	Actinobacteria
OTU00552	ns	ns	Bacteria	Firmicutes
OTU00555	ns	ns	Bacteria	Bacteroidetes
OTU00556	ns	ns	Bacteria	Actinobacteria
OTU00557	ns	ns	Bacteria	Synergistetes
OTU00564	ns	ns	Bacteria	Bacteroidetes
OTU00570	ns	ns	Bacteria	Firmicutes
OTU00571	ns	ns	Bacteria	Bacteroidetes
OTU00572	ns	ns	Bacteria	Bacteroidetes
OTU00575	ns	ns	Bacteria	Firmicutes
OTU00586	ns	ns	Bacteria	Actinobacteria
OTU00587	ns	ns	Bacteria	Firmicutes
OTU00592	ns	ns	Bacteria	Fusobacteria
OTU00593	ns	<.1	Bacteria	Bacteroidetes
OTU00595	ns	ns	Bacteria	Spirochaetes
OTU00599	ns	ns	Bacteria	Bacteroidetes
OTU00600	ns	ns	Bacteria	Candidatus_Sacch
OTU00608	ns	ns	Bacteria	Bacteroidetes
OTU00612	ns	ns	Bacteria	Fusobacteria
OTU00618	ns	ns	Bacteria	Spirochaetes

OTU00619	ns	ns	Bacteria	Firmicutes
OTU00620	ns	ns	Bacteria	Actinobacteria
OTU00621	ns	ns	Bacteria	Cyanobacteria/Ch
OTU00622	ns	ns	Bacteria	Bacteroidetes
OTU00626	ns	ns	Bacteria	Firmicutes
OTU00640	ns	ns	Bacteria	Chloroflexi
OTU00651	ns	ns	Bacteria	Bacteroidetes
OTU00652	ns	ns	Bacteria	Proteobacteria
OTU00661	ns	ns	Bacteria	Firmicutes
OTU00667	ns	ns	Bacteria	Proteobacteria
OTU00668	ns	ns	Bacteria	Spirochaetes
OTU00670	ns	ns	Bacteria	Actinobacteria
OTU00671	ns	ns	Bacteria	Firmicutes
OTU00676	ns	ns	Bacteria	Actinobacteria
OTU00683	ns	ns	Bacteria	Firmicutes
OTU00686	ns	ns	Bacteria	Actinobacteria
OTU00688	ns	ns	Bacteria	Firmicutes
OTU00691	ns	ns	Bacteria	Firmicutes
OTU00696	ns	ns	Bacteria	Bacteroidetes
OTU00700	ns	ns	Bacteria	Firmicutes
OTU00703	ns	ns	Bacteria	Actinobacteria
OTU00706	ns	ns	Bacteria	Firmicutes
OTU00713	ns	ns	Bacteria	Bacteroidetes
OTU00719	ns	ns	Bacteria	Proteobacteria
OTU00720	ns	ns	Bacteria	Firmicutes
OTU00721	ns	ns	Bacteria	Bacteroidetes
OTU00722	ns	ns	Bacteria	Firmicutes
OTU00727	ns	ns	Bacteria	Firmicutes
OTU00730	ns	ns	Bacteria	Firmicutes
OTU00732	ns	ns	Bacteria	Firmicutes
OTU00733	ns	ns	Bacteria	Firmicutes
OTU00738	ns	ns	Bacteria	Bacteroidetes
OTU00742	ns	ns	Bacteria	Tenericutes
OTU00743	ns	ns	Bacteria	Bacteroidetes
OTU00747	ns	ns	Bacteria	Firmicutes
OTU00748	ns	ns	Bacteria	Firmicutes
OTU00750	ns	ns	Bacteria	Bacteroidetes
OTU00752	ns	ns	Bacteria	Firmicutes
OTU00753	ns	ns	Bacteria	Actinobacteria
OTU00757	ns	ns	Bacteria	Firmicutes
OTU00758	ns	ns	Bacteria	Firmicutes
OTU00759	ns	ns	Bacteria	Bacteroidetes
OTU00763	ns	ns	Bacteria	Firmicutes
OTU00764	ns	ns	Bacteria	Firmicutes
OTU00770	ns	ns	Bacteria	Actinobacteria
OTU00778	ns	ns	Bacteria	Firmicutes
OTU00785	ns	ns	Bacteria	Actinobacteria
OTU00791	ns	ns	Bacteria	Firmicutes
OTU00794	ns	ns	Bacteria	Fusobacteria
OTU00815	ns	ns	Bacteria	Proteobacteria

OTU00816	ns	ns	Bacteria	Actinobacteria
OTU00821	ns	ns	Bacteria	Actinobacteria
OTU00822	ns	ns	Bacteria	Actinobacteria
OTU00825	ns	ns	Bacteria	Actinobacteria
OTU00827	ns	ns	Bacteria	Firmicutes
OTU00831	ns	ns	Bacteria	Bacteroidetes
OTU00832	ns	ns	Bacteria	Bacteroidetes
OTU00850	ns	ns	Bacteria	Lentisphaerae
OTU00851	ns	ns	Bacteria	Proteobacteria
OTU00873	ns	ns	Bacteria	Firmicutes
OTU00875	ns	ns	Bacteria	Firmicutes
OTU00876	ns	ns	Bacteria	Actinobacteria
OTU00886	ns	ns	Bacteria	Fusobacteria
OTU00889	ns	ns	Bacteria	Bacteroidetes
OTU00899	ns	ns	Bacteria	Firmicutes
OTU00901	ns	ns	Bacteria	Bacteroidetes
OTU00907	ns	ns	Bacteria	Spirochaetes
OTU00908	ns	ns	Bacteria	Firmicutes
OTU00912	ns	ns	Bacteria	Firmicutes
OTU00922	ns	ns	Bacteria	Bacteroidetes
OTU00925	ns	ns	Bacteria	Proteobacteria
OTU00930	ns	ns	Bacteria	Firmicutes
OTU00931	ns	ns	Bacteria	Actinobacteria
OTU00934	ns	ns	Bacteria	Firmicutes
OTU00937	ns	ns	Bacteria	Actinobacteria
OTU00938	ns	ns	Bacteria	Bacteroidetes
OTU00940	ns	ns	Bacteria	Bacteroidetes
OTU00944	ns	ns	Bacteria	Actinobacteria
OTU00948	ns	ns	Bacteria	Actinobacteria
OTU00958	ns	ns	Bacteria	Firmicutes
OTU00964	ns	ns	Bacteria	Firmicutes
OTU00970	ns	ns	Bacteria	Bacteroidetes
OTU00971	ns	ns	Bacteria	Bacteroidetes
OTU00975	ns	ns	Bacteria	Spirochaetes
OTU00976	ns	ns	Bacteria	Actinobacteria
OTU00984	ns	ns	Bacteria	Bacteroidetes
OTU01012	ns	ns	Bacteria	Bacteroidetes
OTU01014	ns	ns	Bacteria	Firmicutes
OTU01015	ns	ns	Bacteria	Firmicutes
OTU01026	ns	ns	Bacteria	Firmicutes
OTU01027	ns	ns	Bacteria	Firmicutes
OTU01031	ns	ns	Bacteria	Bacteroidetes
OTU01034	ns	ns	Bacteria	Spirochaetes
OTU01044	ns	ns	Bacteria	Firmicutes
OTU01052	ns	ns	Bacteria	Proteobacteria
OTU01093	ns	ns	Bacteria	Proteobacteria
OTU01095	ns	ns	Bacteria	Proteobacteria
OTU01102	ns	ns	Bacteria	Firmicutes
OTU01103	ns	ns	Bacteria	Actinobacteria
OTU01108	ns	ns	Bacteria	Firmicutes

OTU01109	ns	ns	Bacteria	Spirochaetes
OTU01130	ns	ns	Bacteria	Firmicutes
OTU01138	ns	ns	Bacteria	Spirochaetes
OTU01148	ns	ns	Bacteria	Bacteroidetes
OTU01172	ns	ns	Bacteria	Firmicutes
OTU01173	ns	ns	Bacteria	Bacteroidetes
OTU01178	ns	ns	Bacteria	Spirochaetes
OTU01193	ns	ns	Bacteria	Candidatus_Sacch
OTU01205	ns	ns	Bacteria	Proteobacteria
OTU01212	ns	ns	Bacteria	Proteobacteria
OTU01223	ns	ns	Bacteria	Firmicutes
OTU01225	ns	ns	Bacteria	Firmicutes
OTU01241	ns	ns	Bacteria	Bacteroidetes
OTU01250	ns	ns	Bacteria	Cyanobacteria/Ch
OTU01253	ns	ns	Bacteria	Firmicutes
OTU01254	ns	ns	Bacteria	Firmicutes
OTU01260	ns	ns	Bacteria	Bacteroidetes
OTU01265	ns	ns	Bacteria	Firmicutes
OTU01271	ns	ns	Bacteria	Fusobacteria
OTU01279	ns	ns	Bacteria	Firmicutes
OTU01300	ns	ns	Bacteria	Firmicutes
OTU01306	ns	ns	Bacteria	Actinobacteria
OTU01317	ns	ns	Bacteria	Bacteroidetes
OTU01319	ns	ns	Bacteria	Proteobacteria
OTU01324	ns	ns	Bacteria	Fusobacteria
OTU01325	ns	ns	Bacteria	Bacteroidetes
OTU01326	ns	ns	Bacteria	Firmicutes
OTU01327	ns	ns	Bacteria	Bacteroidetes
OTU01332	ns	ns	Bacteria	Firmicutes
OTU01344	ns	ns	Bacteria	Bacteroidetes
OTU01362	ns	ns	Bacteria	Actinobacteria
OTU01365	ns	ns	Bacteria	Firmicutes
OTU01366	ns	ns	Bacteria	Firmicutes
OTU01372	ns	ns	Bacteria	Fusobacteria
OTU01377	ns	ns	Bacteria	Firmicutes
OTU01381	ns	ns	Bacteria	Bacteroidetes
OTU01386	ns	ns	Bacteria	Candidatus_Sacch
OTU01389	ns	ns	Bacteria	Proteobacteria
OTU01407	ns	ns	Bacteria	Bacteroidetes
OTU01425	ns	ns	Bacteria	Firmicutes
OTU01443	ns	ns	Bacteria	Spirochaetes
OTU01445	ns	ns	Bacteria	Proteobacteria
OTU01455	ns	ns	Bacteria	Proteobacteria
OTU01458	ns	ns	Bacteria	Proteobacteria
OTU01466	ns	ns	Bacteria	Verrucomicrobia
OTU01468	ns	ns	Bacteria	Firmicutes
OTU01474	ns	ns	Bacteria	Firmicutes
OTU01476	ns	ns	Bacteria	Firmicutes
OTU01484	ns	ns	Bacteria	Proteobacteria
OTU01496	ns	ns	Bacteria	Firmicutes

OTU01517	ns	ns	Bacteria	Firmicutes
OTU01528	ns	ns	Bacteria	Candidatus_Sacch
OTU01549	ns	0,05	Bacteria	Bacteroidetes
OTU01555	ns	ns	Bacteria	Proteobacteria
OTU01557	ns	ns	Bacteria	Firmicutes
OTU01559	ns	ns	Bacteria	Actinobacteria
OTU01587	ns	ns	Bacteria	Proteobacteria
OTU01588	ns	ns	Bacteria	Proteobacteria
OTU01589	ns	ns	Bacteria	Tenericutes
OTU01601	ns	ns	Bacteria	Bacteroidetes
OTU01605	ns	ns	Bacteria	Bacteroidetes
OTU01606	ns	ns	Bacteria	Firmicutes
OTU01608	ns	ns	Bacteria	Actinobacteria
OTU01647	ns	ns	Bacteria	Proteobacteria
OTU01648	ns	ns	Bacteria	Firmicutes
OTU01663	ns	ns	Bacteria	Bacteroidetes
OTU01683	ns	ns	Bacteria	Proteobacteria
OTU01689	ns	ns	Bacteria	Firmicutes
OTU01706	ns	ns	Bacteria	Bacteroidetes
OTU01722	ns	ns	Bacteria	Firmicutes
OTU01727	ns	ns	Bacteria	Firmicutes
OTU01734	ns	ns	Bacteria	Spirochaetes
OTU01747	ns	ns	Bacteria	Proteobacteria
OTU01754	ns	ns	Bacteria	Firmicutes
OTU01756	ns	ns	Bacteria	Firmicutes
OTU01763	ns	ns	Bacteria	Actinobacteria
OTU01784	ns	ns	Bacteria	Firmicutes
OTU01820	ns	ns	Bacteria	Firmicutes
OTU01832	ns	ns	Bacteria	Bacteroidetes
OTU01878	ns	ns	Bacteria	Bacteroidetes
OTU01880	ns	ns	Bacteria	Proteobacteria
OTU01897	ns	ns	Bacteria	Firmicutes
OTU01905	ns	ns	Bacteria	Proteobacteria
OTU01911	ns	ns	Bacteria	Actinobacteria
OTU01920	ns	ns	Bacteria	Firmicutes
OTU01937	ns	ns	Bacteria	Bacteroidetes
OTU01943	ns	ns	Bacteria	Firmicutes
OTU01968	ns	ns	Bacteria	Actinobacteria
OTU01977	ns	ns	Bacteria	Firmicutes
OTU01978	ns	ns	Bacteria	Bacteroidetes
OTU01983	ns	ns	Bacteria	Spirochaetes
OTU01986	ns	ns	Bacteria	Firmicutes
OTU01999	ns	ns	Bacteria	Actinobacteria
OTU02001	ns	ns	Bacteria	Proteobacteria
OTU02037	ns	ns	Bacteria	Proteobacteria
OTU02048	ns	ns	Bacteria	Bacteroidetes
OTU02049	ns	ns	Bacteria	Bacteroidetes
OTU02070	ns	ns	Bacteria	Proteobacteria
OTU02086	ns	ns	Bacteria	Firmicutes
OTU02114	ns	ns	Bacteria	Bacteroidetes

OTU02136	ns	ns	Bacteria	Spirochaetes
OTU02145	ns	ns	Bacteria	Actinobacteria
OTU02147	ns	ns	Bacteria	Bacteroidetes
OTU02178	ns	ns	Bacteria	Firmicutes
OTU02179	ns	ns	Bacteria	Firmicutes
OTU02183	ns	ns	Bacteria	Firmicutes
OTU02190	ns	ns	Bacteria	Firmicutes
OTU02204	ns	ns	Bacteria	Firmicutes
OTU02226	ns	ns	Bacteria	Bacteroidetes
OTU02232	ns	ns	Bacteria	Bacteroidetes
OTU02234	ns	ns	Bacteria	Firmicutes
OTU02276	ns	ns	Bacteria	Bacteroidetes
OTU02297	ns	ns	Bacteria	Bacteroidetes
OTU02299	ns	ns	Bacteria	Firmicutes
OTU02302	ns	ns	Bacteria	Spirochaetes
OTU02304	ns	ns	Bacteria	Actinobacteria
OTU02322	ns	ns	Bacteria	Firmicutes
OTU02326	ns	ns	Bacteria	Firmicutes
OTU02329	ns	ns	Bacteria	Proteobacteria
OTU02345	ns	ns	Bacteria	Proteobacteria
OTU02361	ns	ns	Bacteria	Bacteroidetes
OTU02370	ns	ns	Bacteria	Bacteroidetes
OTU02371	ns	ns	Bacteria	Bacteroidetes
OTU02388	ns	ns	Bacteria	Candidatus_Sacch
OTU02491	ns	ns	Bacteria	Bacteroidetes
OTU02502	ns	ns	Bacteria	Candidatus_Sacch
OTU02525	ns	ns	Bacteria	Firmicutes
OTU02529	ns	ns	Bacteria	Actinobacteria
OTU02538	ns	ns	Bacteria	Firmicutes
OTU02566	ns	ns	Bacteria	Bacteroidetes
OTU02581	ns	ns	Bacteria	Bacteroidetes
OTU02586	ns	ns	Bacteria	Firmicutes
OTU02615	ns	ns	Bacteria	Bacteroidetes
OTU02630	ns	ns	Bacteria	Bacteroidetes
OTU02640	ns	ns	Bacteria	Actinobacteria
OTU02666	ns	ns	Bacteria	Actinobacteria
OTU02711	ns	ns	Bacteria	Bacteroidetes
OTU02766	ns	ns	Bacteria	Firmicutes
OTU02787	ns	ns	Bacteria	Bacteroidetes
OTU02791	ns	ns	Bacteria	Firmicutes
OTU02936	ns	ns	Bacteria	Bacteroidetes
OTU02975	ns	ns	Bacteria	Actinobacteria
OTU02979	ns	ns	Bacteria	Bacteroidetes
OTU03015	ns	ns	Bacteria	Actinobacteria
OTU03043	ns	ns	Bacteria	Bacteroidetes
OTU03063	ns	ns	Bacteria	Bacteroidetes
OTU03076	ns	ns	Bacteria	Bacteroidetes
OTU03100	ns	ns	Bacteria	Proteobacteria
OTU03107	ns	ns	Bacteria	Proteobacteria
OTU03139	ns	ns	Bacteria	Firmicutes

OTU03149	ns	ns	Bacteria	Firmicutes
OTU03156	ns	ns	Bacteria	Firmicutes
OTU03162	ns	ns	Bacteria	Bacteroidetes
OTU03179	ns	ns	Bacteria	Bacteroidetes
OTU03195	ns	ns	Bacteria	Bacteroidetes
OTU03215	ns	ns	Bacteria	Firmicutes
OTU03249	ns	ns	Bacteria	Bacteroidetes
OTU03251	ns	ns	Bacteria	Bacteroidetes
OTU03287	ns	ns	Bacteria	Firmicutes
OTU03294	ns	ns	Bacteria	Bacteroidetes
OTU03322	ns	ns	Bacteria	Proteobacteria
OTU03326	ns	ns	Bacteria	Bacteroidetes
OTU03341	ns	ns	Bacteria	Bacteroidetes
OTU03344	ns	ns	Bacteria	Proteobacteria
OTU03355	ns	ns	Bacteria	Bacteroidetes
OTU03368	ns	ns	Bacteria	Bacteroidetes
OTU03383	ns	ns	Bacteria	Actinobacteria
OTU03395	ns	ns	Bacteria	Firmicutes
OTU03399	ns	ns	Bacteria	Firmicutes
OTU03419	ns	ns	Bacteria	Firmicutes
OTU03431	ns	ns	Bacteria	Bacteroidetes
OTU03432	ns	ns	Bacteria	Proteobacteria
OTU03435	ns	ns	Bacteria	Firmicutes
OTU03448	ns	ns	Bacteria	Firmicutes
OTU03459	ns	ns	Bacteria	Spirochaetes
OTU03463	ns	ns	Bacteria	Firmicutes
OTU03475	ns	ns	Bacteria	Proteobacteria
OTU03569	ns	ns	Bacteria	Bacteroidetes
OTU03572	ns	ns	Bacteria	Bacteroidetes
OTU03586	ns	ns	Bacteria	Actinobacteria
OTU03589	ns	ns	Bacteria	Proteobacteria
OTU03645	ns	ns	Bacteria	Firmicutes
OTU03661	ns	ns	Bacteria	Proteobacteria
OTU03662	ns	ns	Bacteria	Bacteroidetes
OTU03751	ns	ns	Bacteria	Bacteroidetes
OTU03809	ns	ns	Bacteria	Bacteroidetes
OTU03813	ns	ns	Bacteria	Bacteroidetes
OTU03848	ns	ns	Bacteria	Spirochaetes
OTU03898	ns	ns	Bacteria	Bacteroidetes
OTU03905	ns	ns	Bacteria	Spirochaetes
OTU03994	ns	ns	Bacteria	Actinobacteria
OTU04003	ns	ns	Bacteria	Firmicutes
OTU04133	ns	ns	Bacteria	Bacteroidetes
OTU04166	ns	ns	Bacteria	Bacteroidetes
OTU04291	ns	ns	Bacteria	Bacteroidetes
OTU04294	ns	ns	Bacteria	Bacteroidetes
OTU04297	ns	ns	Bacteria	Actinobacteria
OTU04305	ns	ns	Bacteria	Firmicutes
OTU04310	ns	ns	Bacteria	Bacteroidetes
OTU04365	ns	ns	Bacteria	Bacteroidetes

OTU04446	ns	ns	Bacteria	Bacteroidetes
OTU04468	ns	ns	Bacteria	Actinobacteria
OTU04489	ns	ns	Bacteria	Firmicutes
OTU04497	ns	ns	Bacteria	Actinobacteria
OTU04514	ns	ns	Bacteria	Firmicutes
OTU04595	ns	ns	Bacteria	Bacteroidetes
OTU04652	ns	ns	Bacteria	Firmicutes
OTU04655	ns	ns	Bacteria	Actinobacteria
OTU04725	ns	ns	Bacteria	Proteobacteria
OTU04789	ns	ns	Bacteria	Bacteroidetes
OTU04816	ns	ns	Bacteria	Firmicutes
OTU04829	ns	ns	Bacteria	Bacteroidetes
OTU04846	ns	ns	Bacteria	Fusobacteria
OTU04887	ns	ns	Bacteria	Verrucomicrobia
OTU04914	ns	ns	Bacteria	Firmicutes
OTU04943	ns	ns	Bacteria	Actinobacteria
OTU04966	ns	ns	Bacteria	Firmicutes
OTU05024	ns	ns	Bacteria	Candidatus_Sacch
OTU05049	ns	ns	Bacteria	Firmicutes
OTU05092	ns	ns	Bacteria	Firmicutes
OTU05104	ns	ns	Bacteria	Firmicutes
OTU05154	ns	ns	Bacteria	Fusobacteria
OTU05191	ns	ns	Bacteria	Bacteroidetes
OTU05225	ns	ns	Bacteria	Actinobacteria
OTU05230	ns	ns	Bacteria	Firmicutes
OTU05235	ns	ns	Bacteria	Bacteroidetes
OTU05258	ns	ns	Bacteria	Fusobacteria
OTU05262	ns	ns	Bacteria	Fusobacteria
OTU05267	ns	ns	Bacteria	Spirochaetes
OTU05280	ns	ns	Bacteria	Bacteroidetes
OTU05309	ns	ns	Bacteria	Firmicutes
OTU05326	ns	ns	Bacteria	Bacteroidetes
OTU05411	ns	ns	Bacteria	Bacteroidetes
OTU05461	ns	ns	Bacteria	Fusobacteria
OTU05499	ns	ns	Bacteria	Firmicutes
OTU05508	ns	ns	Bacteria	Actinobacteria
OTU05515	ns	ns	Bacteria	Proteobacteria
OTU05539	ns	ns	Bacteria	Proteobacteria
OTU05792	ns	ns	Bacteria	Bacteroidetes
OTU05932	ns	ns	Bacteria	Proteobacteria
OTU06042	ns	ns	Bacteria	Firmicutes
OTU06066	ns	ns	Bacteria	Fusobacteria
OTU06070	ns	ns	Bacteria	Bacteroidetes
OTU06074	ns	ns	Bacteria	Bacteroidetes
OTU06164	ns	ns	Bacteria	Bacteroidetes
OTU06220	ns	ns	Bacteria	Bacteroidetes
OTU06291	ns	ns	Bacteria	Proteobacteria
OTU06383	ns	ns	Bacteria	Proteobacteria
OTU06445	ns	ns	Bacteria	Bacteroidetes
OTU06578	ns	ns	Bacteria	Firmicutes

OTU06692	ns	ns	Bacteria	Firmicutes
OTU06731	ns	ns	Bacteria	Bacteroidetes
OTU06772	ns	ns	Bacteria	Actinobacteria
OTU06775	ns	ns	Bacteria	Fusobacteria
OTU06780	ns	ns	Bacteria	Firmicutes
OTU06808	ns	ns	Bacteria	Bacteroidetes
OTU06915	ns	ns	Bacteria	Bacteroidetes
OTU06946	ns	ns	Bacteria	Bacteroidetes
OTU07029	ns	ns	Bacteria	Proteobacteria
OTU07098	ns	ns	Bacteria	Actinobacteria
OTU07139	ns	ns	Bacteria	Firmicutes
OTU07148	ns	ns	Bacteria	Bacteroidetes
OTU07154	ns	ns	Bacteria	Bacteroidetes
OTU07157	ns	ns	Bacteria	Firmicutes
OTU07172	ns	ns	Bacteria	Firmicutes
OTU07201	ns	ns	Bacteria	Firmicutes
OTU07214	ns	ns	Bacteria	Fusobacteria
OTU07355	ns	ns	Bacteria	Firmicutes
OTU07373	ns	ns	Bacteria	Bacteroidetes
OTU07410	ns	ns	Bacteria	Proteobacteria
OTU07504	ns	ns	Bacteria	Bacteroidetes
OTU07512	ns	ns	Bacteria	Firmicutes
OTU07525	ns	ns	Bacteria	Fusobacteria
OTU07528	ns	ns	Bacteria	Actinobacteria
OTU07576	ns	ns	Bacteria	Firmicutes
OTU07609	ns	ns	Bacteria	Firmicutes
OTU07754	ns	ns	Bacteria	Firmicutes
OTU07768	ns	ns	Bacteria	Bacteroidetes
OTU07891	ns	ns	Bacteria	Bacteroidetes
OTU07904	ns	ns	Bacteria	Spirochaetes
OTU07905	ns	ns	Bacteria	Firmicutes
OTU08020	ns	ns	Bacteria	Firmicutes
OTU08041	ns	ns	Bacteria	Proteobacteria
OTU08059	ns	ns	Bacteria	Bacteroidetes
OTU08061	ns	ns	Bacteria	Proteobacteria
OTU08076	ns	ns	Bacteria	Bacteroidetes
OTU08099	ns	ns	Bacteria	Firmicutes
OTU08166	ns	ns	Bacteria	Bacteroidetes
OTU08172	ns	ns	Bacteria	Actinobacteria
OTU08195	ns	ns	Bacteria	Firmicutes
OTU08330	ns	ns	Bacteria	Firmicutes
OTU08362	ns	ns	Bacteria	Bacteroidetes
OTU08388	ns	ns	Bacteria	Proteobacteria
OTU08405	ns	ns	Bacteria	Proteobacteria
OTU08436	ns	ns	Bacteria	Firmicutes
OTU08446	ns	ns	Bacteria	Bacteroidetes
OTU08451	ns	ns	Bacteria	Firmicutes
OTU08558	ns	ns	Bacteria	Firmicutes
OTU08697	ns	ns	Bacteria	Proteobacteria
OTU08766	ns	ns	Bacteria	Firmicutes

OTU08779	ns	ns	Bacteria	Firmicutes
OTU08798	ns	ns	Bacteria	Bacteroidetes
OTU08807	ns	ns	Bacteria	Bacteroidetes
OTU08808	ns	ns	Bacteria	Bacteroidetes
OTU08861	ns	ns	Bacteria	Bacteroidetes
OTU08873	ns	ns	Bacteria	Bacteroidetes
OTU08875	ns	ns	Bacteria	Fusobacteria
OTU08991	ns	ns	Bacteria	Bacteroidetes
OTU09001	ns	ns	Bacteria	Fusobacteria
OTU09002	ns	ns	Bacteria	Proteobacteria
OTU09018	ns	ns	Bacteria	Proteobacteria
OTU09134	ns	ns	Bacteria	Proteobacteria
OTU09150	ns	ns	Bacteria	Fusobacteria
OTU09349	ns	ns	Bacteria	Firmicutes
OTU09455	ns	ns	Bacteria	Bacteroidetes
OTU09501	ns	ns	Bacteria	Firmicutes
OTU09530	ns	ns	Bacteria	Firmicutes
OTU09543	ns	ns	Bacteria	Firmicutes
OTU09548	ns	ns	Bacteria	Bacteroidetes
OTU09577	ns	ns	Bacteria	Bacteroidetes
OTU09656	ns	ns	Bacteria	Firmicutes
OTU09667	ns	ns	Bacteria	Firmicutes
OTU09704	ns	ns	Bacteria	Proteobacteria
OTU09705	ns	ns	Bacteria	Bacteroidetes
OTU09773	ns	ns	Bacteria	Firmicutes
OTU09893	ns	ns	Bacteria	Proteobacteria
OTU09904	ns	ns	Bacteria	Proteobacteria
OTU10042	ns	ns	Bacteria	Actinobacteria
OTU10089	ns	ns	Bacteria	Proteobacteria
OTU10091	ns	ns	Bacteria	Firmicutes
OTU10098	ns	ns	Bacteria	Firmicutes
OTU10128	ns	ns	Bacteria	Actinobacteria
OTU10131	ns	ns	Bacteria	Bacteroidetes
OTU10133	ns	ns	Bacteria	Firmicutes

taxonomy.Class	taxonomy.Order	taxonomy.Family	taxonomy.Genus
Gammaproteobac	Pasteurellales	Pasteurellaceae	OTU00037 Haemophilus
Clostridia	Clostridiales	Clostridiales_Incer	OTU00103 Parvimonas
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00120 Prevotella
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00189 Prevotella
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00215 Alloprevotella
Clostridia	Clostridiales	Lachnospiraceae	OTU00465 Lachnoanaerobaculum
Betaproteobacter	Neisseriales	Neisseriaceae	OTU01421 Neisseria
Bacilli	Lactobacillales	Streptococcaceae	OTU02032 Streptococcus
Betaproteobacter	Neisseriales	Neisseriaceae	OTU00034 Neisseria
Fusobacteriia	Fusobacteriales	Leptotrichiaceae	OTU00236 Leptotrichia
Bacilli	Lactobacillales	Streptococcaceae	OTU00001 Streptococcus
Gammaproteobac	Pseudomonadales	Pseudomonadace	OTU00002 Pseudomonas
Gammaproteobac	Enterobacteriales	Enterobacteriace	OTU00005 Escherichia/Shigella
Clostridia	Clostridiales	Lachnospiraceae	OTU00006 Blautia
Clostridia	Clostridiales	Ruminococcaceae	OTU00007 Faecalibacterium
Bacteroidia	Bacteroidales	Bacteroidaceae	OTU00009 Bacteroides
Bacilli	Lactobacillales	Streptococcaceae	OTU00010 Streptococcus
Gammaproteobac	Pasteurellales	Pasteurellaceae	OTU00011 Haemophilus
Clostridia	Clostridiales	Lachnospiraceae	OTU00012 Ruminococcus2
Clostridia	Clostridiales	Lachnospiraceae	OTU00016 Roseburia
Bacilli	Bacillales	Bacillales_Incertae	OTU00017 Gemella
Bacteroidia	Bacteroidales	Bacteroidaceae	OTU00018 Bacteroides
Bacteroidia	Bacteroidales	Bacteroidaceae	OTU00019 Bacteroides
Clostridia	Clostridiales	Lachnospiraceae	OTU00020 Anaerostipes
Bacteroidia	Bacteroidales	Rikenellaceae	OTU00021 Alistipes
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00022 Prevotella
Clostridia	Clostridiales	Lachnospiraceae	OTU00023 Roseburia
Clostridia	Clostridiales	Lachnospiraceae	OTU00025 Clostridium_XIVa
Clostridia	Clostridiales	Ruminococcaceae	OTU00027 Gemmiger
Clostridia	Clostridiales	Clostridiaceae_1	OTU00028 Clostridium_sensu_stricto
Negativicutes	Selenomonadales	Veillonellaceae	OTU00029 Veillonella
Actinobacteria	Actinomycetales	Micrococcaceae	OTU00030 Rothia
Clostridia	Clostridiales	Lachnospiraceae	OTU00031 Coprococcus
Bacteroidia	Bacteroidales	Bacteroidaceae	OTU00032 Bacteroides
Actinobacteria	Actinomycetales	Micrococcaceae	OTU00033 Rothia
Clostridia	Clostridiales	Lachnospiraceae	OTU00038 unclassified.Lachnospiraceae
Clostridia	Clostridiales	Peptostreptococce	OTU00039 Clostridium_XI
Clostridia	Clostridiales	Lachnospiraceae	OTU00040 Dorea
Fusobacteriia	Fusobacteriales	Fusobacteriaceae	OTU00041 Fusobacterium
Actinobacteria	Bifidobacteriales	Bifidobacteriaceae	OTU00042 Bifidobacterium
Betaproteobacter	Neisseriales	Neisseriaceae	OTU00043 Neisseria
Clostridia	Clostridiales	Ruminococcaceae	OTU00044 unclassified.Ruminococcaceae
Clostridia	Clostridiales	Lachnospiraceae	OTU00045 Coprococcus
Clostridia	Clostridiales	Clostridiaceae_1	OTU00046 Clostridium_sensu_stricto
Bacilli	Lactobacillales	Carnobacteriaceae	OTU00047 Granulicatella
Clostridia	Clostridiales	Lachnospiraceae	OTU00048 Coprococcus
Clostridia	Clostridiales	Peptostreptococce	OTU00049 Clostridium_XI
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00050 Prevotella

Clostridia	Clostridiales	Lachnospiraceae	OTU00053 Clostridium_XIVa
Gammaproteobac	Pasteurellales	Pasteurellaceae	OTU00054 Haemophilus
Bacteroidia	Bacteroidales	Bacteroidaceae	OTU00055 Bacteroides
Clostridia	Clostridiales	Ruminococcaceae	OTU00056 Oscillibacter
Bacteroidia	Bacteroidales	Bacteroidaceae	OTU00058 Bacteroides
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00059 Prevotella
Bacteroidia	Bacteroidales	Rikenellaceae	OTU00060 Alistipes
Betaproteobacter	Burkholderiales	Sutterellaceae	OTU00061 Sutterella
Bacteroidia	Bacteroidales	Bacteroidaceae	OTU00062 Bacteroides
Actinobacteria	Bifidobacteriales	Bifidobacteriaceae	OTU00063 Bifidobacterium
Erysipelotrichia	Erysipelotrichales	Erysipelotrichaceae	OTU00064 Clostridium_XVIII
Bacilli	Lactobacillales	Streptococcaceae	OTU00065 Streptococcus
Clostridia	Clostridiales	Lachnospiraceae	OTU00066 unclassified.Lachnospiraceae
Clostridia	Clostridiales	Lachnospiraceae	OTU00067 unclassified.Lachnospiraceae
Bacteroidia	Bacteroidales	Porphyromonada	OTU00068 Porphyromonas
Clostridia	Clostridiales	Ruminococcaceae	OTU00069 Ruminococcus
Opitutae	Puniceococcales	Puniceococcaceae	OTU00070 unclassified.Puniceococcaceae
Clostridia	Clostridiales	Lachnospiraceae	OTU00071 Lachnospira
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00072 Prevotella
Fusobacteriia	Fusobacteriales	Leptotrichiaceae	OTU00073 Leptotrichia
Bacilli	Lactobacillales	Enterococcaceae	OTU00074 Enterococcus
Clostridia	Clostridiales	Ruminococcaceae	OTU00075 unclassified.Ruminococcaceae
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00076 Alloprevotella
Deltaproteobacte	Desulfovibrionales	Desulfovibrionace	OTU00077 Desulfovibrio
Bacteroidia	Bacteroidales	Bacteroidaceae	OTU00078 Bacteroides
Bacteroidia	Bacteroidales	Bacteroidaceae	OTU00079 Bacteroides
Clostridia	Clostridiales	Lachnospiraceae	OTU00080 Clostridium_XIVb
Clostridia	Clostridiales	Ruminococcaceae	OTU00081 Ruminococcus
Clostridia	Clostridiales	Ruminococcaceae	OTU00082 Clostridium_IV
Epsilonproteobact	Campylobacterales	Campylobacterace	OTU00083 Campylobacter
Actinobacteria	Actinomycetales	Corynebacteriaceae	OTU00084 Corynebacterium
Gammaproteobac	Pseudomonadales	Pseudomonadaceae	OTU00085 Pseudomonas
Betaproteobacter	Burkholderiales	Sutterellaceae	OTU00086 Sutterella
Clostridia	Clostridiales	Lachnospiraceae	OTU00087 Clostridium_XIVa
Gammaproteobac	Enterobacteriales	Enterobacteriaceae	OTU00088 Klebsiella
Clostridia	Clostridiales	Ruminococcaceae	OTU00089 unclassified.Ruminococcaceae
Clostridia	Clostridiales	Lachnospiraceae	OTU00090 Coprococcus
Actinobacteria	Coriobacteriales	Coriobacteriaceae	OTU00091 Collinsella
Clostridia	Clostridiales	Lachnospiraceae	OTU00092 Clostridium_XIVa
Negativicutes	Selenomonadales	Veillonellaceae	OTU00093 Dialister
Clostridia	Clostridiales	Ruminococcaceae	OTU00095 Oscillibacter
Fusobacteriia	Fusobacteriales	Fusobacteriaceae	OTU00096 Fusobacterium
Clostridia	Clostridiales	Peptostreptococ	OTU00097 Peptostreptococcus
Bacteroidia	Bacteroidales	Marinilabiaceae	OTU00098 unclassified.Marinilabiaceae
Gammaproteobac	Pasteurellales	Pasteurellaceae	OTU00099 Aggregatibacter
unclassified	unclassified	unclassified	OTU00100 unclassified.Firmicutes
Clostridia	Clostridiales	Lachnospiraceae	OTU00101 Clostridium_XIVa
Bacteroidia	Bacteroidales	Porphyromonada	OTU00102 Odoribacter
Clostridia	Clostridiales	Lachnospiraceae	OTU00104 unclassified.Lachnospiraceae
Clostridia	Clostridiales	Ruminococcaceae	OTU00106 unclassified.Ruminococcaceae

Gammaproteobac	Enterobacteriales	Enterobacteriaceae	OTU00107 Raoultella
Deltaproteobacte	Desulfovibrionales	Desulfovibrionaceae	OTU00108 Bilophila
Bacilli	Lactobacillales	Streptococcaceae	OTU00109 Streptococcus
Clostridia	Clostridiales	Ruminococcaceae	OTU00110 Clostridium_IV
Clostridia	Clostridiales	Ruminococcaceae	OTU00111 unclassified.Ruminococcaceae
Clostridia	Clostridiales	Ruminococcaceae	OTU00112 Clostridium_IV
Clostridia	Clostridiales	Ruminococcaceae	OTU00115 unclassified.Ruminococcaceae
Fusobacteriia	Fusobacteriales	Leptotrichiaceae	OTU00117 Leptotrichia
Clostridia	Clostridiales	unclassified	OTU00118 unclassified.Clostridiales
Bacteroidia	Bacteroidales	Porphyromonadac	OTU00121 Barnesiella
Erysipelotrichia	Erysipelotrichales	Erysipelotrichaceae	OTU00122 unclassified.Erysipelotrichaceae
Betaproteobacter	Burkholderiales	unclassified	OTU00123 unclassified.Burkholderiales
Epsilonproteobact	Campylobacterale	Campylobacteraceae	OTU00124 Campylobacter
Bacilli	Lactobacillales	Carnobacteriaceae	OTU00125 Granulicatella
Actinobacteria	Actinomycetales	Actinomycetaceae	OTU00126 Actinomyces
Clostridia	Clostridiales	Lachnospiraceae	OTU00127 Lachnospira
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00128 Prevotella
Bacteroidia	Bacteroidales	Bacteroidaceae	OTU00129 Bacteroides
Bacteroidia	Bacteroidales	Porphyromonadac	OTU00130 Parabacteroides
Clostridia	Clostridiales	Ruminococcaceae	OTU00131 Flavonifractor
Flavobacteriia	Flavobacteriales	Flavobacteriaceae	OTU00133 Capnocytophaga
Clostridia	Clostridiales	Lachnospiraceae	OTU00134 Blautia
Negativicutes	Selenomonadales	Veillonellaceae	OTU00135 Megamonas
Actinobacteria	Bifidobacteriales	Bifidobacteriaceae	OTU00137 Bifidobacterium
Actinobacteria	Coriobacteriales	Coriobacteriaceae	OTU00138 Atopobium
Clostridia	Clostridiales	unclassified	OTU00139 unclassified.Clostridiales
Clostridia	Clostridiales	Ruminococcaceae	OTU00140 Clostridium_IV
Clostridia	Clostridiales	Ruminococcaceae	OTU00141 unclassified.Ruminococcaceae
Clostridia	Clostridiales	Ruminococcaceae	OTU00143 Acetanaerobacterium
Clostridia	Clostridiales	Lachnospiraceae	OTU00144 unclassified.Lachnospiraceae
Clostridia	Clostridiales	Ruminococcaceae	OTU00145 Flavonifractor
Bacteroidia	Bacteroidales	Porphyromonadac	OTU00148 Porphyromonas
Negativicutes	Selenomonadales	Veillonellaceae	OTU00149 Centipeda
Bacteroidia	Bacteroidales	Porphyromonadac	OTU00150 Parabacteroides
Bacteroidia	Bacteroidales	Porphyromonadac	OTU00151 Porphyromonas
Bacilli	Lactobacillales	Streptococcaceae	OTU00152 Lactococcus
unclassified	unclassified	unclassified	OTU00153 unclassified.Candidatus_Sacch
Negativicutes	Selenomonadales	Veillonellaceae	OTU00154 Veillonella
Betaproteobacter	Burkholderiales	Sutterellaceae	OTU00155 Parasutterella
Clostridia	Clostridiales	Lachnospiraceae	OTU00156 Clostridium_XIVa
Clostridia	Clostridiales	Lachnospiraceae	OTU00157 Lachnoanaerobaculum
Clostridia	Clostridiales	Ruminococcaceae	OTU00158 Ruminococcus
Clostridia	Clostridiales	Clostridiales_Incer	OTU00159 Anaerococcus
Betaproteobacter	Burkholderiales	unclassified	OTU00161 unclassified.Burkholderiales
Clostridia	Clostridiales	Ruminococcaceae	OTU00162 Butyricoccus
unclassified	unclassified	unclassified	OTU00164 unclassified.Bacteroidetes
Clostridia	Clostridiales	Ruminococcaceae	OTU00166 Oscillibacter
Clostridia	Clostridiales	Lachnospiraceae	OTU00167 unclassified.Lachnospiraceae
Negativicutes	Selenomonadales	Veillonellaceae	OTU00168 Veillonella
Clostridia	Clostridiales	unclassified	OTU00169 unclassified.Clostridiales

Flavobacteriia	Flavobacteriales	Flavobacteriaceae	OTU00171 unclassified.Flavobacteriaceae
Clostridia	Clostridiales	Lachnospiraceae	OTU00172 unclassified.Lachnospiraceae
Flavobacteriia	Flavobacteriales	Flavobacteriaceae	OTU00173 Capnocytophaga
Clostridia	Clostridiales	Lachnospiraceae	OTU00174 Blautia
Negativicutes	Selenomonadales	Acidaminococcaceae	OTU00175 Succinoclasticum
Betaproteobacter	Neisseriales	Neisseriaceae	OTU00176 Kingella
Negativicutes	Selenomonadales	Veillonellaceae	OTU00177 Dialister
Clostridia	Clostridiales	Ruminococcaceae	OTU00179 Ruminococcus
Erysipelotrichia	Erysipelotrichales	Erysipelotrichaceae	OTU00180 Solobacterium
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00181 Alloprevotella
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00182 Alloprevotella
Epsilonproteobact	Campylobacterale	Campylobacteraceae	OTU00183 Campylobacter
Negativicutes	Selenomonadales	Acidaminococcaceae	OTU00185 Phascolarctobacterium
Bacilli	Lactobacillales	Streptococcaceae	OTU00186 Streptococcus
Clostridia	Clostridiales	unclassified	OTU00187 unclassified.Clostridiales
Flavobacteriia	Flavobacteriales	Flavobacteriaceae	OTU00188 Capnocytophaga
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00192 Prevotella
Bacteroidia	Bacteroidales	Porphyromonadaceae	OTU00193 Porphyromonas
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00196 Alloprevotella
Bacilli	Lactobacillales	Lactobacillaceae	OTU00197 Lactobacillus
Bacilli	Lactobacillales	Streptococcaceae	OTU00198 Streptococcus
Clostridia	Clostridiales	Lachnospiraceae	OTU00200 unclassified.Lachnospiraceae
Bacteroidia	Bacteroidales	Porphyromonadaceae	OTU00201 Barnesiella
Actinobacteria	Actinomycetales	Actinomycetaceae	OTU00202 Actinomyces
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00203 Prevotella
Deltaproteobacte	unclassified	unclassified	OTU00204 unclassified.Deltaproteobacte
Clostridia	Clostridiales	Ruminococcaceae	OTU00205 Saccharofermentans
Clostridia	Clostridiales	unclassified	OTU00206 unclassified.Clostridiales
Bacteroidia	Bacteroidales	Porphyromonadaceae	OTU00208 Tannerella
Bacilli	Lactobacillales	Lactobacillaceae	OTU00209 Lactobacillus
Clostridia	Clostridiales	Lachnospiraceae	OTU00210 Clostridium_XIVb
Bacilli	Lactobacillales	Lactobacillaceae	OTU00212 Lactobacillus
Actinobacteria	Actinomycetales	Corynebacteriaceae	OTU00217 Corynebacterium
unclassified	unclassified	unclassified	OTU00218 unclassified.Candidatus_Sacch
Clostridia	Clostridiales	Lachnospiraceae	OTU00220 unclassified.Lachnospiraceae
Negativicutes	Selenomonadales	Veillonellaceae	OTU00221 Megasphaera
Clostridia	Clostridiales	unclassified	OTU00222 unclassified.Clostridiales
Bacteroidia	Bacteroidales	Rikenellaceae	OTU00223 Alistipes
Alphaproteobacte	Rhodospirillales	Rhodospirillaceae	OTU00224 unclassified.Rhodospirillaceae
Betaproteobacter	Neisseriales	Neisseriaceae	OTU00226 Neisseria
Gammaproteobac	Enterobacteriales	Enterobacteriaceae	OTU00227 Morganella
Erysipelotrichia	Erysipelotrichales	Erysipelotrichaceae	OTU00228 Turicibacter
Clostridia	Clostridiales	Lachnospiraceae	OTU00229 Oribacterium
Actinobacteria	Actinomycetales	Actinomycetaceae	OTU00231 unclassified.Actinomycetaceae
Negativicutes	Selenomonadales	Veillonellaceae	OTU00232 Selenomonas
Clostridia	Clostridiales	Ruminococcaceae	OTU00235 unclassified.Ruminococcaceae
Clostridia	Clostridiales	unclassified	OTU00237 unclassified.Clostridiales
Clostridia	Clostridiales	Ruminococcaceae	OTU00238 Ruminococcus
unclassified	unclassified	unclassified	OTU00239 unclassified.SR1
Bacteroidia	Bacteroidales	Bacteroidaceae	OTU00241 Bacteroides

Fusobacteriia	Fusobacteriales	Leptotrichiaceae	OTU00244 Streptobacillus
Fusobacteriia	Fusobacteriales	Fusobacteriaceae	OTU00245 Fusobacterium
Clostridia	Clostridiales	Ruminococcaceae	OTU00247 unclassified.Ruminococcaceae
Bacteroidia	Bacteroidales	Bacteroidaceae	OTU00250 Bacteroides
Fusobacteriia	Fusobacteriales	Leptotrichiaceae	OTU00252 Leptotrichia
Bacilli	Lactobacillales	Lactobacillaceae	OTU00253 Lactobacillus
Spirochaetia	Spirochaetales	Spirochaetaceae	OTU00254 Treponema
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00256 Prevotella
Clostridia	Clostridiales	Ruminococcaceae	OTU00260 Clostridium_IV
Bacilli	Lactobacillales	Lactobacillaceae	OTU00262 Lactobacillus
Bacteroidia	Bacteroidales	Porphyromonadac	OTU00266 Porphyromonas
Bacteroidia	Bacteroidales	Bacteroidaceae	OTU00267 Bacteroides
Negativicutes	Selenomonadales	Veillonellaceae	OTU00269 Megasphaera
Bacteroidia	Bacteroidales	Porphyromonadac	OTU00270 Porphyromonas
Bacteroidia	Bacteroidales	Porphyromonadac	OTU00271 Paludibacter
Fusobacteriia	Fusobacteriales	Leptotrichiaceae	OTU00272 Leptotrichia
Clostridia	Clostridiales	Lachnospiraceae	OTU00273 unclassified.Lachnospiraceae
Clostridia	Clostridiales	Ruminococcaceae	OTU00275 Ruminococcus
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00278 Prevotella
Betaproteobacter	Neisseriales	Neisseriaceae	OTU00281 Neisseria
Actinobacteria	Actinomycetales	Actinomycetaceae	OTU00284 Actinomyces
Bacteroidia	Bacteroidales	Bacteroidaceae	OTU00291 Bacteroides
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00295 Prevotella
Bacilli	Lactobacillales	Lactobacillaceae	OTU00296 Lactobacillus
Methanobacteria	Methanobacterial	Methanobacteriac	OTU00298 Methanobrevibacter
Gammaproteobac	Cardiobacteriales	Cardiobacteriaceae	OTU00299 Cardiobacterium
Actinobacteria	Actinomycetales	Actinomycetaceae	OTU00300 Actinobaculum
Synergistia	Synergistales	Synergistaceae	OTU00301 Jonquetella
unclassified	unclassified	unclassified	OTU00302 unclassified.Candidatus_Sacch
Fusobacteriia	Fusobacteriales	Leptotrichiaceae	OTU00305 Leptotrichia
Clostridia	Clostridiales	unclassified	OTU00306 unclassified.Clostridiales
Clostridia	Clostridiales	Ruminococcaceae	OTU00307 Ruminococcus
Bacteroidia	Bacteroidales	Porphyromonadac	OTU00309 Porphyromonas
Clostridia	Clostridiales	Ruminococcaceae	OTU00310 Acetanaerobacterium
Clostridia	Clostridiales	Lachnospiraceae	OTU00311 unclassified.Lachnospiraceae
Spirochaetia	Spirochaetales	Spirochaetaceae	OTU00312 Treponema
Actinobacteria	Coriobacteriales	Coriobacteriaceae	OTU00314 unclassified.Coriobacteriaceae
Actinobacteria	Bifidobacteriales	Bifidobacteriaceae	OTU00315 Scardovia
Clostridia	Clostridiales	Lachnospiraceae	OTU00318 Catonella
Clostridia	Clostridiales	Ruminococcaceae	OTU00321 Pseudoflavonifractor
Clostridia	Clostridiales	Ruminococcaceae	OTU00324 Faecalibacterium
Bacteroidia	Bacteroidales	Porphyromonadac	OTU00325 Butyricimonas
Actinobacteria	Actinomycetales	Actinomycetaceae	OTU00327 Actinomyces
Betaproteobacter	Neisseriales	Neisseriaceae	OTU00328 Eikenella
Clostridia	Clostridiales	unclassified	OTU00330 unclassified.Clostridiales
Clostridia	Clostridiales	Ruminococcaceae	OTU00332 unclassified.Ruminococcaceae
Fusobacteriia	Fusobacteriales	Leptotrichiaceae	OTU00337 Leptotrichia
Actinobacteria	Actinomycetales	Actinomycetaceae	OTU00339 Actinomyces
Synergistia	Synergistales	Synergistaceae	OTU00340 Pyramidobacter
Opitutae	Puniceicoccales	Puniceicoccaceae	OTU00350 Coraliomargarita

Clostridia	Clostridiales	Ruminococcaceae	OTU00351 Flavonifractor
Clostridia	Clostridiales	Eubacteriaceae	OTU00352 Eubacterium
Negativicutes	Selenomonadales	Veillonellaceae	OTU00353 Veillonella
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00356 Prevotella
Flavobacteriia	Flavobacteriales	Flavobacteriaceae	OTU00358 Capnocytophaga
Clostridia	Clostridiales	Lachnospiraceae	OTU00359 Moryella
Negativicutes	Selenomonadales	Veillonellaceae	OTU00360 Selenomonas
Negativicutes	Selenomonadales	Veillonellaceae	OTU00362 Selenomonas
Clostridia	Clostridiales	unclassified	OTU00363 unclassified.Clostridiales
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00364 Prevotella
Clostridia	Clostridiales	Ruminococcaceae	OTU00365 unclassified.Ruminococcaceae
Clostridia	Clostridiales	Clostridiales_Incer	OTU00368 Peptoniphilus
unclassified	unclassified	unclassified	OTU00369 unclassified.SR1
Clostridia	Clostridiales	Lachnospiraceae	OTU00371 Oribacterium
Clostridia	Clostridiales	Lachnospiraceae	OTU00375 Clostridium_XIVa
Bacilli	Lactobacillales	Lactobacillaceae	OTU00376 Lactobacillus
Actinobacteria	Bifidobacteriales	Bifidobacteriaceae	OTU00378 Bifidobacterium
Clostridia	Clostridiales	Peptostreptococca	OTU00379 Filifactor
Clostridia	Clostridiales	unclassified	OTU00382 unclassified.Clostridiales
Bacteroidia	Bacteroidales	Porphyromonada	OTU00383 Tannerella
Clostridia	Clostridiales	Ruminococcaceae	OTU00385 Clostridium_IV
Clostridia	Clostridiales	Eubacteriaceae	OTU00386 Eubacterium
Bacilli	Lactobacillales	Streptococcaceae	OTU00388 Streptococcus
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00391 Prevotella
unclassified	unclassified	unclassified	OTU00393 unclassified.Candidatus_Sacch
Negativicutes	Selenomonadales	Veillonellaceae	OTU00398 Selenomonas
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00412 Prevotella
Bacteroidia	Bacteroidales	Bacteroidaceae	OTU00413 Bacteroides
Clostridia	Clostridiales	Lachnospiraceae	OTU00416 Clostridium_XIVa
Negativicutes	Selenomonadales	Veillonellaceae	OTU00419 Megasphaera
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00421 Prevotella
Clostridia	Clostridiales	Ruminococcaceae	OTU00430 Butyricoccus
Bacilli	Bacillales	Staphylococcaceae	OTU00433 Staphylococcus
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00434 Prevotella
Bacilli	Lactobacillales	Aerococcaceae	OTU00442 Abiotrophia
Gammaproteobac	Pseudomonadales	Moraxellaceae	OTU00443 Moraxella
Clostridia	Clostridiales	Clostridiales_Incer	OTU00444 Mogibacterium
Spirochaetia	Spirochaetales	Spirochaetaceae	OTU00445 Treponema
unclassified	unclassified	unclassified	OTU00448 unclassified.Lentisphaerae
unclassified	unclassified	unclassified	OTU00449 unclassified.Candidatus_Sacch
Clostridia	Clostridiales	Lachnospiraceae	OTU00452 Blautia
Clostridia	Clostridiales	unclassified	OTU00454 unclassified.Clostridiales
Clostridia	Clostridiales	unclassified	OTU00457 unclassified.Clostridiales
Negativicutes	Selenomonadales	Veillonellaceae	OTU00458 Selenomonas
Flavobacteriia	Flavobacteriales	Flavobacteriaceae	OTU00461 Capnocytophaga
Erysipelotrichia	Erysipelotrichales	Erysipelotrichaceae	OTU00464 unclassified.Erysipelotrichaceae
Clostridia	Clostridiales	Ruminococcaceae	OTU00466 unclassified.Ruminococcaceae
Bacteroidia	Bacteroidales	Porphyromonada	OTU00469 Butyricimonas
unclassified	unclassified	unclassified	OTU00470 unclassified.Bacteroidetes
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00471 Paraprevotella

Clostridia	Clostridiales	Clostridiaceae_1	OTU00472 Clostridium_sensu_stricto
Flavobacteriia	Flavobacteriales	Flavobacteriaceae	OTU00475 unclassified.Flavobacteriaceae
Mollicutes	Mycoplasmatales	Mycoplasmataceae	OTU00476 Mycoplasma
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00477 Prevotella
Clostridia	Clostridiales	Lachnospiraceae	OTU00479 Blautia
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00482 Hallella
Bacteroidia	Bacteroidales	Rikenellaceae	OTU00486 Alistipes
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00490 Prevotella
Spirochaetia	Spirochaetales	Spirochaetaceae	OTU00492 Treponema
Deltaproteobacte	Desulfovibrionales	Desulfovibrionaceae	OTU00495 Desulfovibrio
Sphingobacteriia	Sphingobacteriales	Chitinophagaceae	OTU00496 Hydrotalea
Clostridia	Clostridiales	Ruminococcaceae	OTU00500 Gemmiger
Fusobacteriia	Fusobacteriales	Leptotrichiaceae	OTU00508 Leptotrichia
Negativicutes	Selenomonadales	Veillonellaceae	OTU00510 Anaeroglobus
Gammaproteobac	Cardiobacteriales	Cardiobacteriaceae	OTU00511 Cardiobacterium
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00514 Prevotella
Clostridia	Clostridiales	Ruminococcaceae	OTU00515 Oscillibacter
unclassified	unclassified	unclassified	OTU00516 unclassified.Candidatus_Sacch
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00518 Prevotella
Negativicutes	Selenomonadales	Veillonellaceae	OTU00519 Schwartzia
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00524 Prevotella
Gammaproteobac	Pseudomonadales	Moraxellaceae	OTU00525 Enhydrobacter
Flavobacteriia	Flavobacteriales	Flavobacteriaceae	OTU00531 Capnocytophaga
Actinobacteria	Bifidobacteriales	Bifidobacteriaceae	OTU00532 Alloscardovia
Negativicutes	Selenomonadales	Veillonellaceae	OTU00533 Dialister
Bacilli	Lactobacillales	Lactobacillaceae	OTU00537 Lactobacillus
Bacteroidia	Bacteroidales	Bacteroidaceae	OTU00540 Bacteroides
Clostridia	Clostridiales	Peptococcaceae_1	OTU00542 Peptococcus
Clostridia	Clostridiales	Lachnospiraceae	OTU00544 Dorea
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00546 Prevotella
Actinobacteria	Coriobacteriales	Coriobacteriaceae	OTU00547 Olsenella
Clostridia	Clostridiales	Lachnospiraceae	OTU00552 Lachnoanaerobaculum
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00555 Prevotella
Actinobacteria	Actinomycetales	Propionibacteriaceae	OTU00556 unclassified.Propionibacteriac
Synergistia	Synergistales	Synergistaceae	OTU00557 unclassified.Synergistaceae
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00564 Prevotella
Clostridia	Clostridiales	Peptococcaceae_1	OTU00570 Peptococcus
Flavobacteriia	Flavobacteriales	Flavobacteriaceae	OTU00571 unclassified.Flavobacteriaceae
unclassified	unclassified	unclassified	OTU00572 unclassified.Bacteroidetes
Negativicutes	Selenomonadales	Veillonellaceae	OTU00575 Schwartzia
Actinobacteria	Actinomycetales	Corynebacteriaceae	OTU00586 Corynebacterium
Clostridia	Clostridiales	Lachnospiraceae	OTU00587 Catonella
Fusobacteriia	Fusobacteriales	Leptotrichiaceae	OTU00592 Leptotrichia
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00593 Alloprevotella
Spirochaetia	Spirochaetales	Spirochaetaceae	OTU00595 Treponema
Flavobacteriia	Flavobacteriales	Flavobacteriaceae	OTU00599 Capnocytophaga
unclassified	unclassified	unclassified	OTU00600 unclassified.Candidatus_Sacch
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00608 Prevotella
Fusobacteriia	Fusobacteriales	Leptotrichiaceae	OTU00612 Leptotrichia
Spirochaetia	Spirochaetales	Spirochaetaceae	OTU00618 Treponema

Clostridia	Clostridiales	Lachnospiraceae	OTU00619 Howardella
Actinobacteria	Actinomycetales	Actinomycetaceae	OTU00620 Mobiluncus
Chloroplast	Chloroplast	Streptophyta	OTU00621 unclassified.Streptophyta
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00622 Hallella
Bacilli	Lactobacillales	Lactobacillaceae	OTU00626 Lactobacillus
Anaerolineae	Anaerolineales	Anaerolineaceae	OTU00640 Longilinea
Flavobacteriia	Flavobacteriales	Flavobacteriaceae	OTU00651 Soonwooa
Epsilonproteobact	Campylobacterale	Campylobacteraceae	OTU00652 Campylobacter
Clostridia	Clostridiales	Lachnospiraceae	OTU00661 Clostridium_XIVa
Gammaproteobac	Pseudomonadales	Pseudomonadaceae	OTU00667 Pseudomonas
Spirochaetia	Spirochaetales	Spirochaetaceae	OTU00668 Treponema
Actinobacteria	Actinomycetales	Propionibacteriaceae	OTU00670 Propionibacterium
Clostridia	Clostridiales	Eubacteriaceae	OTU00671 Eubacterium
Actinobacteria	Actinomycetales	unclassified	OTU00676 unclassified.Actinomycetales
Erysipelotrichia	Erysipelotrichales	Erysipelotrichaceae	OTU00683 Bulleidia
Actinobacteria	Actinomycetales	Corynebacteriaceae	OTU00686 Corynebacterium
Clostridia	Clostridiales	Lachnospiraceae	OTU00688 Clostridium_XIVa
Negativicutes	Selenomonadales	Veillonellaceae	OTU00691 Allisonella
Bacteroidia	Bacteroidales	Bacteroidales_incl	OTU00696 Phocaeicola
Clostridia	Clostridiales	Eubacteriaceae	OTU00700 Eubacterium
Actinobacteria	Actinomycetales	Actinomycetaceae	OTU00703 Actinomyces
Clostridia	Clostridiales	Peptostreptococcae	OTU00706 unclassified.Peptostreptococcae
Bacteroidia	Bacteroidales	unclassified	OTU00713 unclassified.Bacteroidales
Betaproteobacteri	Neisseriales	Neisseriaceae	OTU00719 unclassified.Neisseriaceae
Clostridia	Clostridiales	Lachnospiraceae	OTU00720 Pseudobutyrvibrio
Bacteroidia	Bacteroidales	Porphyromonadaceae	OTU00721 Porphyromonas
Clostridia	Clostridiales	Lachnospiraceae	OTU00722 Butyrvibrio
Clostridia	Clostridiales	unclassified	OTU00727 unclassified.Clostridiales
Clostridia	Clostridiales	Ruminococcaceae	OTU00730 Clostridium_IV
unclassified	unclassified	unclassified	OTU00732 unclassified.Firmicutes
Clostridia	Clostridiales	Peptostreptococcae	OTU00733 Acetoanaerobium
Bacteroidia	Bacteroidales	Porphyromonadaceae	OTU00738 unclassified.Porphyromonadaceae
Mollicutes	Mycoplasmatales	Mycoplasmataceae	OTU00742 Mycoplasma
Bacteroidia	Bacteroidales	Bacteroidaceae	OTU00743 Bacteroides
Clostridia	Clostridiales	unclassified	OTU00747 unclassified.Clostridiales
Clostridia	Clostridiales	unclassified	OTU00748 unclassified.Clostridiales
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00750 Prevotella
Clostridia	Clostridiales	Ruminococcaceae	OTU00752 Anaerofilum
Actinobacteria	Bifidobacteriales	Bifidobacteriaceae	OTU00753 Parascardovia
Negativicutes	Selenomonadales	Veillonellaceae	OTU00757 Selenomonas
Negativicutes	Selenomonadales	Veillonellaceae	OTU00758 Dialister
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00759 Prevotella
Clostridia	Clostridiales	unclassified	OTU00763 unclassified.Clostridiales
Clostridia	Clostridiales	Lachnospiraceae	OTU00764 Johnsonella
Actinobacteria	Actinomycetales	Actinomycetaceae	OTU00770 Actinomyces
Bacilli	Lactobacillales	Streptococcaceae	OTU00778 Streptococcus
Actinobacteria	Actinomycetales	Propionibacteriaceae	OTU00785 unclassified.Propionibacteriaceae
Clostridia	Clostridiales	Lachnospiraceae	OTU00791 Clostridium_XIVa
Fusobacteriia	Fusobacteriales	Fusobacteriaceae	OTU00794 Fusobacterium
Alphaproteobacte	Rhizobiales	Bradyrhizobiaceae	OTU00815 Bradyrhizobium

Actinobacteria	Actinomycetales	Micrococcaceae	OTU00816 Micrococcus
Actinobacteria	Bifidobacteriales	Bifidobacteriaceae	OTU00821 Bifidobacterium
Actinobacteria	Actinomycetales	Actinomycetaceae	OTU00822 Actinobaculum
Actinobacteria	Actinomycetales	Propionibacteriaceae	OTU00825 Propionibacterium
Negativicutes	Selenomonadales	Veillonellaceae	OTU00827 Anaeroglobus
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00831 Prevotella
Flavobacteriia	Flavobacteriales	Flavobacteriaceae	OTU00832 Capnocytophaga
Lentisphaeria	Victivallales	Victivallaceae	OTU00850 Victivallis
Betaproteobacteri	Burkholderiales	Oxalobacteraceae	OTU00851 Oxalobacter
Clostridia	Clostridiales	Ruminococcaceae	OTU00873 unclassified.Ruminococcaceae
Bacilli	Lactobacillales	Leuconostocaceae	OTU00875 Leuconostoc
Actinobacteria	Coriobacteriales	Coriobacteriaceae	OTU00876 Cryptobacterium
Fusobacteriia	Fusobacteriales	Leptotrichiaceae	OTU00886 Streptobacillus
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00889 Alloprevotella
Clostridia	Clostridiales	Eubacteriaceae	OTU00899 Pseudoramibacter
Bacteroidia	Bacteroidales	unclassified	OTU00901 unclassified.Bacteroidales
Spirochaetia	Spirochaetales	Spirochaetaceae	OTU00907 Treponema
Clostridia	Clostridiales	unclassified	OTU00908 unclassified.Clostridiales
Clostridia	Clostridiales	unclassified	OTU00912 unclassified.Clostridiales
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00922 Prevotella
Betaproteobacteri	Burkholderiales	Comamonadaceae	OTU00925 Brachymonas
Clostridia	Clostridiales	Lachnospiraceae	OTU00930 unclassified.Lachnospiraceae
Actinobacteria	Coriobacteriales	Coriobacteriaceae	OTU00931 Slackia
Clostridia	Clostridiales	Lachnospiraceae	OTU00934 Johnsonella
Actinobacteria	Actinomycetales	Corynebacteriaceae	OTU00937 Corynebacterium
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00938 Prevotella
Bacteroidia	Bacteroidales	Prevotellaceae	OTU00940 Prevotella
Actinobacteria	Actinomycetales	Micrococcaceae	OTU00944 Rothia
Actinobacteria	Actinomycetales	Micrococcaceae	OTU00948 Kocuria
Clostridia	Clostridiales	Lachnospiraceae	OTU00958 unclassified.Lachnospiraceae
Clostridia	Clostridiales	Lachnospiraceae	OTU00964 Shuttleworthia
Bacteroidia	Bacteroidales	unclassified	OTU00970 unclassified.Bacteroidales
Bacteroidia	Bacteroidales	Porphyromonadaceae	OTU00971 unclassified.Porphyromonada
Spirochaetia	Spirochaetales	Spirochaetaceae	OTU00975 Treponema
Actinobacteria	Actinomycetales	Actinomycetaceae	OTU00976 Actinomyces
Bacteroidia	Bacteroidales	Bacteroidaceae	OTU00984 Bacteroides
Bacteroidia	Bacteroidales	Prevotellaceae	OTU01012 Alloprevotella
Clostridia	Clostridiales	Lachnospiraceae	OTU01014 unclassified.Lachnospiraceae
Clostridia	Clostridiales	Peptostreptococcaceae	OTU01015 unclassified.Peptostreptococc
Clostridia	Clostridiales	Lachnospiraceae	OTU01026 unclassified.Lachnospiraceae
Clostridia	Clostridiales	Lachnospiraceae	OTU01027 Syntrophococcus
Bacteroidia	Bacteroidales	Prevotellaceae	OTU01031 Prevotella
Spirochaetia	Spirochaetales	Spirochaetaceae	OTU01034 Treponema
Erysipelotrichia	Erysipelotrichales	Erysipelotrichaceae	OTU01044 Eggerthia
Gammaproteobac	Pasteurellales	Pasteurellaceae	OTU01052 Aggregatibacter
Betaproteobacteri	Rhodocyclales	Rhodocyclaceae	OTU01093 Propionivibrio
Gammaproteobac	Enterobacteriales	Enterobacteriaceae	OTU01095 unclassified.Enterobacteriaceae
Clostridia	Clostridiales	Lachnospiraceae	OTU01102 Lachnoanaerobaculum
Actinobacteria	Actinomycetales	Corynebacteriaceae	OTU01103 Corynebacterium
Clostridia	Clostridiales	Lachnospiraceae	OTU01108 Oribacterium

Spirochaetia	Spirochaetales	Spirochaetaceae	OTU01109 Treponema
Clostridia	Clostridiales	Lachnospiraceae	OTU01130 Clostridium_XIVa
Spirochaetia	Spirochaetales	Spirochaetaceae	OTU01138 Treponema
Bacteroidia	Bacteroidales	Prevotellaceae	OTU01148 Prevotella
Clostridia	Clostridiales	Lachnospiraceae	OTU01172 Ruminococcus2
Bacteroidia	Bacteroidales	Prevotellaceae	OTU01173 Prevotella
Spirochaetia	Spirochaetales	Spirochaetaceae	OTU01178 Treponema
unclassified	unclassified	unclassified	OTU01193 unclassified.Candidatus_Sacch
Betaproteobacteri	Neisseriales	Neisseriaceae	OTU01205 Kingella
Deltaproteobacte	Desulfobacterales	Desulfobulbaceae	OTU01212 Desulfobulbus
Bacilli	Lactobacillales	Streptococcaceae	OTU01223 Streptococcus
Clostridia	Clostridiales	Ruminococcaceae	OTU01225 Oscillibacter
Bacteroidia	Bacteroidales	Prevotellaceae	OTU01241 Prevotella
Chloroplast	Chloroplast	Streptophyta	OTU01250 unclassified.Streptophyta
Negativicutes	Selenomonadales	Veillonellaceae	OTU01253 Selenomonas
Bacilli	Lactobacillales	Carnobacteriaceae	OTU01254 Dolosigranulum
Bacteroidia	Bacteroidales	Prevotellaceae	OTU01260 Prevotella
Clostridia	Clostridiales	Lachnospiraceae	OTU01265 Clostridium_XIVa
Fusobacteriia	Fusobacteriales	Fusobacteriaceae	OTU01271 Fusobacterium
Negativicutes	Selenomonadales	Veillonellaceae	OTU01279 Selenomonas
Clostridia	Clostridiales	Lachnospiraceae	OTU01300 unclassified.Lachnospiraceae
Actinobacteria	Actinomycetales	Actinomycetaceae	OTU01306 Actinomyces
Bacteroidia	Bacteroidales	Prevotellaceae	OTU01317 Prevotella
Betaproteobacteri	Neisseriales	Neisseriaceae	OTU01319 Simonsiella
Fusobacteriia	Fusobacteriales	Leptotrichiaceae	OTU01324 Leptotrichia
Bacteroidia	Bacteroidales	Prevotellaceae	OTU01325 Prevotella
Negativicutes	Selenomonadales	Veillonellaceae	OTU01326 Selenomonas
unclassified	unclassified	unclassified	OTU01327 unclassified.Bacteroidetes
Clostridia	Clostridiales	Lachnospiraceae	OTU01332 Clostridium_XIVa
Bacteroidia	Bacteroidales	unclassified	OTU01344 unclassified.Bacteroidales
Actinobacteria	Bifidobacteriales	Bifidobacteriaceae	OTU01362 Scardovia
Clostridia	Clostridiales	Lachnospiraceae	OTU01365 Blautia
Clostridia	Clostridiales	Lachnospiraceae	OTU01366 Clostridium_XIVa
Fusobacteriia	Fusobacteriales	Fusobacteriaceae	OTU01372 Fusobacterium
Clostridia	Clostridiales	Lachnospiraceae	OTU01377 Clostridium_XIVa
Bacteroidia	Bacteroidales	Prevotellaceae	OTU01381 unclassified.Prevotellaceae
unclassified	unclassified	unclassified	OTU01386 unclassified.Candidatus_Sacch
Gammaproteobac	unclassified	unclassified	OTU01389 unclassified.Gammaproteobac
Bacteroidia	Bacteroidales	Prevotellaceae	OTU01407 Prevotella
Bacilli	Bacillales	unclassified	OTU01425 unclassified.Bacillales
Spirochaetia	Spirochaetales	Spirochaetaceae	OTU01443 Treponema
Deltaproteobacte	Desulfovibrionales	Desulfovibrionaceae	OTU01445 Desulfovibrio
Betaproteobacteri	Neisseriales	Neisseriaceae	OTU01455 Simonsiella
unclassified	unclassified	unclassified	OTU01458 unclassified.Proteobacteria
Verrucomicrobiae	Verrucomicrobiales	Verrucomicrobiaceae	OTU01466 Akkermansia
Clostridia	Clostridiales	Lachnospiraceae	OTU01468 Clostridium_XIVa
Clostridia	Clostridiales	Clostridiales_Incertae	OTU01474 Anaerococcus
Bacilli	Lactobacillales	Lactobacillaceae	OTU01476 Lactobacillus
Gammaproteobac	Pasteurellales	Pasteurellaceae	OTU01484 Haemophilus
Negativicutes	Selenomonadales	Veillonellaceae	OTU01496 Selenomonas

Clostridia	Clostridiales	Clostridiales_Ince	OTU01517 Anaerococcus
unclassified	unclassified	unclassified	OTU01528 unclassified.Candidatus_Sacch
Bacteroidia	Bacteroidales	Prevotellaceae	OTU01549 Prevotella
Gammaproteobac	Pasteurellales	Pasteurellaceae	OTU01555 Haemophilus
Bacilli	Lactobacillales	Lactobacillaceae	OTU01557 Lactobacillus
Actinobacteria	Actinomycetales	Actinomycetaceae	OTU01559 Actinomyces
Betaproteobacter	Burkholderiales	Comamonadaceae	OTU01587 Brachymonas
Betaproteobacter	Neisseriales	Neisseriaceae	OTU01588 Neisseria
Mollicutes	Acholeplasmatales	Acholeplasmatace	OTU01589 Acholeplasma
Bacteroidia	Bacteroidales	Prevotellaceae	OTU01601 Prevotella
Bacteroidia	Bacteroidales	Prevotellaceae	OTU01605 Prevotella
Bacilli	Lactobacillales	Streptococcaceae	OTU01606 Streptococcus
Actinobacteria	Actinomycetales	Actinomycetaceae	OTU01608 Actinomyces
Gammaproteobac	Pseudomonadales	Moraxellaceae	OTU01647 Moraxella
Erysipelotrichia	Erysipelotrichales	Erysipelotrichaceae	OTU01648 Bulleidia
Bacteroidia	Bacteroidales	Bacteroidaceae	OTU01663 Bacteroides
Alphaproteobacte	unclassified	unclassified	OTU01683 unclassified.Alphaproteobacte
Clostridia	Clostridiales	Lachnospiraceae	OTU01689 unclassified.Lachnospiraceae
Bacteroidia	Bacteroidales	Prevotellaceae	OTU01706 Prevotella
Bacilli	Lactobacillales	Streptococcaceae	OTU01722 Streptococcus
Clostridia	Clostridiales	Ruminococcaceae	OTU01727 Ruminococcus
Spirochaetia	Spirochaetales	Spirochaetaceae	OTU01734 Treponema
Alphaproteobacte	Rhizobiales	Methylobacteriaceae	OTU01747 Methylobacterium
Clostridia	Clostridiales	Lachnospiraceae	OTU01754 Dorea
Bacilli	Lactobacillales	Lactobacillaceae	OTU01756 Lactobacillus
Actinobacteria	Actinomycetales	Actinomycetaceae	OTU01763 Actinomyces
Clostridia	Clostridiales	Lachnospiraceae	OTU01784 Clostridium_XIVa
Clostridia	Clostridiales	Lachnospiraceae	OTU01820 Roseburia
Bacteroidia	Bacteroidales	Prevotellaceae	OTU01832 Prevotella
Bacteroidia	Bacteroidales	Prevotellaceae	OTU01878 Prevotella
Alphaproteobacte	Rhodospirillales	Acetobacteraceae	OTU01880 Acidocella
Clostridia	Clostridiales	Ruminococcaceae	OTU01897 unclassified.Ruminococcaceae
Gammaproteobac	Enterobacteriales	Enterobacteriaceae	OTU01905 Serratia
Actinobacteria	Bifidobacteriales	Bifidobacteriaceae	OTU01911 Aeriscardovia
Clostridia	Clostridiales	Lachnospiraceae	OTU01920 Lachnoanaerobaculum
Bacteroidia	Bacteroidales	Prevotellaceae	OTU01937 Prevotella
Bacilli	Lactobacillales	Streptococcaceae	OTU01943 Streptococcus
Actinobacteria	Actinomycetales	Corynebacteriaceae	OTU01968 Turicella
Clostridia	Clostridiales	Lachnospiraceae	OTU01977 unclassified.Lachnospiraceae
Bacteroidia	Bacteroidales	unclassified	OTU01978 unclassified.Bacteroidales
Spirochaetia	Spirochaetales	Spirochaetaceae	OTU01983 Treponema
Bacilli	Bacillales	Bacillaceae_1	OTU01986 Bacillus
Actinobacteria	Actinomycetales	Dermabacteraceae	OTU01999 Brachybacterium
Gammaproteobac	Enterobacteriales	Enterobacteriaceae	OTU02001 Escherichia/Shigella
Gammaproteobac	Xanthomonadales	Xanthomonadaceae	OTU02037 Xanthomonas
Flavobacteriia	Flavobacteriales	Flavobacteriaceae	OTU02048 Capnocytophaga
Flavobacteriia	Flavobacteriales	Flavobacteriaceae	OTU02049 Chryseobacterium
Gammaproteobac	Pasteurellales	Pasteurellaceae	OTU02070 Haemophilus
Clostridia	Clostridiales	Lachnospiraceae	OTU02086 Clostridium_XIVa
Bacteroidia	Bacteroidales	Prevotellaceae	OTU02114 Prevotella

Spirochaetia	Spirochaetales	Spirochaetaceae	OTU02136 Treponema
Actinobacteria	Actinomycetales	Corynebacteriaceae	OTU02145 Corynebacterium
Flavobacteriia	Flavobacteriales	Flavobacteriaceae	OTU02147 Capnocytophaga
Bacilli	Lactobacillales	Streptococcaceae	OTU02178 Streptococcus
Clostridia	Clostridiales	Lachnospiraceae	OTU02179 Blautia
Negativicutes	Selenomonadales	Veillonellaceae	OTU02183 Selenomonas
Clostridia	Clostridiales	Lachnospiraceae	OTU02190 Roseburia
Clostridia	Clostridiales	Lachnospiraceae	OTU02204 Clostridium_XIVa
Flavobacteriia	Flavobacteriales	Flavobacteriaceae	OTU02226 Capnocytophaga
Bacteroidia	Bacteroidales	Porphyromonadaceae	OTU02232 Porphyromonas
Negativicutes	Selenomonadales	Veillonellaceae	OTU02234 Veillonella
Bacteroidia	Bacteroidales	Rikenellaceae	OTU02276 Alistipes
Bacteroidia	Bacteroidales	Prevotellaceae	OTU02297 Prevotella
Clostridia	Clostridiales	Clostridiales_Incertae_sedis	OTU02299 Parvimonas
Spirochaetia	Spirochaetales	Spirochaetaceae	OTU02302 Treponema
Actinobacteria	Actinomycetales	Actinomycetaceae	OTU02304 Actinomyces
Clostridia	Clostridiales	Ruminococcaceae	OTU02322 unclassified.Ruminococcaceae
Clostridia	Clostridiales	Lachnospiraceae	OTU02326 Blautia
Epsilonproteobacteria	Campylobacterales	Helicobacteraceae	OTU02329 Wolinella
Betaproteobacteria	Neisseriales	Neisseriaceae	OTU02345 Neisseria
Flavobacteriia	Flavobacteriales	Flavobacteriaceae	OTU02361 Capnocytophaga
Flavobacteriia	Flavobacteriales	Flavobacteriaceae	OTU02370 Capnocytophaga
Bacteroidia	Bacteroidales	Bacteroidaceae	OTU02371 Bacteroides
unclassified	unclassified	unclassified	OTU02388 unclassified.Candidatus_Saccharibacter
Bacteroidia	Bacteroidales	Porphyromonadaceae	OTU02491 Porphyromonas
unclassified	unclassified	unclassified	OTU02502 unclassified.Candidatus_Saccharibacter
Bacilli	Lactobacillales	Streptococcaceae	OTU02525 Streptococcus
Actinobacteria	Actinomycetales	unclassified	OTU02529 unclassified.Actinomycetales
Clostridia	Clostridiales	Lachnospiraceae	OTU02538 Anaerostipes
Flavobacteriia	Flavobacteriales	Flavobacteriaceae	OTU02566 Capnocytophaga
Bacteroidia	Bacteroidales	Bacteroidaceae	OTU02581 Bacteroides
Clostridia	Clostridiales	Peptostreptococcaceae	OTU02586 Clostridium_XI
Bacteroidia	Bacteroidales	Prevotellaceae	OTU02615 Prevotella
Bacteroidia	Bacteroidales	Porphyromonadaceae	OTU02630 unclassified.Porphyromonadaceae
Actinobacteria	Bifidobacteriales	Bifidobacteriaceae	OTU02640 Bifidobacterium
Actinobacteria	Actinomycetales	Actinomycetaceae	OTU02666 Actinomyces
Bacteroidia	Bacteroidales	Prevotellaceae	OTU02711 Prevotella
Clostridia	Clostridiales	unclassified	OTU02766 unclassified.Clostridiales
Bacteroidia	Bacteroidales	Prevotellaceae	OTU02787 Prevotella
Clostridia	Clostridiales	Lachnospiraceae	OTU02791 unclassified.Lachnospiraceae
Flavobacteriia	Flavobacteriales	Flavobacteriaceae	OTU02936 Capnocytophaga
Actinobacteria	Actinomycetales	Corynebacteriaceae	OTU02975 Corynebacterium
Bacteroidia	Bacteroidales	Porphyromonadaceae	OTU02979 Tannerella
Actinobacteria	Actinomycetales	unclassified	OTU03015 unclassified.Actinomycetales
Bacteroidia	Bacteroidales	Porphyromonadaceae	OTU03043 Porphyromonas
unclassified	unclassified	unclassified	OTU03063 unclassified.Bacteroidetes
Bacteroidia	Bacteroidales	Prevotellaceae	OTU03076 Prevotella
Gammaproteobacteria	Pasteurellales	Pasteurellaceae	OTU03100 Haemophilus
Betaproteobacteria	Neisseriales	Neisseriaceae	OTU03107 Kingella
Bacilli	Lactobacillales	unclassified	OTU03139 unclassified.Lactobacillales

Clostridia	Clostridiales	Ruminococcaceae	OTU03149 unclassified.Ruminococcaceae
Clostridia	Clostridiales	Lachnospiraceae	OTU03156 unclassified.Lachnospiraceae
Bacteroidia	Bacteroidales	Prevotellaceae	OTU03162 Prevotella
Bacteroidia	Bacteroidales	Prevotellaceae	OTU03179 Prevotella
Bacteroidia	Bacteroidales	Prevotellaceae	OTU03195 Prevotella
Clostridia	Clostridiales	Lachnospiraceae	OTU03215 Oribacterium
Bacteroidia	Bacteroidales	Porphyromonadac	OTU03249 Porphyromonas
Flavobacteriia	Flavobacteriales	Flavobacteriaceae	OTU03251 Capnocytophaga
Clostridia	Clostridiales	unclassified	OTU03287 unclassified.Clostridiales
Bacteroidia	Bacteroidales	Porphyromonadac	OTU03294 Tannerella
Gammaproteobac	Pseudomonadales	Moraxellaceae	OTU03322 Acinetobacter
Bacteroidia	Bacteroidales	Prevotellaceae	OTU03326 Prevotella
Bacteroidia	Bacteroidales	Prevotellaceae	OTU03341 Alloprevotella
Betaproteobacter	Neisseriales	Neisseriaceae	OTU03344 Neisseria
Bacteroidia	Bacteroidales	Porphyromonadac	OTU03355 Tannerella
Bacteroidia	Bacteroidales	Prevotellaceae	OTU03368 Prevotella
Actinobacteria	Actinomycetales	Micrococcaceae	OTU03383 Rothia
Bacilli	Bacillales	Bacillales_Incertae	OTU03395 Gemella
Clostridia	Clostridiales	Lachnospiraceae	OTU03399 Lachnoanaerobaculum
Clostridia	Clostridiales	Lachnospiraceae	OTU03419 Blautia
unclassified	unclassified	unclassified	OTU03431 unclassified.Bacteroidetes
Gammaproteobac	Pasteurellales	Pasteurellaceae	OTU03432 Aggregatibacter
Bacilli	Lactobacillales	Lactobacillaceae	OTU03435 Lactobacillus
Bacilli	Lactobacillales	unclassified	OTU03448 unclassified.Lactobacillales
Spirochaetia	Spirochaetales	Spirochaetaceae	OTU03459 Treponema
Clostridia	Clostridiales	Lachnospiraceae	OTU03463 Clostridium_XIVa
Betaproteobacter	Neisseriales	Neisseriaceae	OTU03475 Neisseria
Bacteroidia	Bacteroidales	Prevotellaceae	OTU03569 Prevotella
Bacteroidia	Bacteroidales	Prevotellaceae	OTU03572 Prevotella
Actinobacteria	Actinomycetales	Micrococcaceae	OTU03586 Kocuria
Betaproteobacter	Burkholderiales	Sutterellaceae	OTU03589 Sutterella
Bacilli	Lactobacillales	Lactobacillaceae	OTU03645 Lactobacillus
Gammaproteobac	Pseudomonadales	Moraxellaceae	OTU03661 Psychrobacter
Bacteroidia	Bacteroidales	Prevotellaceae	OTU03662 Prevotella
Bacteroidia	Bacteroidales	Prevotellaceae	OTU03751 Hallella
Bacteroidia	Bacteroidales	Prevotellaceae	OTU03809 Prevotella
Bacteroidia	Bacteroidales	Porphyromonadac	OTU03813 Parabacteroides
Spirochaetia	Spirochaetales	Spirochaetaceae	OTU03848 Treponema
Bacteroidia	Bacteroidales	Porphyromonadac	OTU03898 Tannerella
Spirochaetia	Spirochaetales	Spirochaetaceae	OTU03905 Treponema
Actinobacteria	Coriobacteriales	Coriobacteriaceae	OTU03994 Atopobium
Clostridia	Clostridiales	Lachnospiraceae	OTU04003 unclassified.Lachnospiraceae
Bacteroidia	Bacteroidales	Prevotellaceae	OTU04133 Prevotella
Bacteroidia	Bacteroidales	Prevotellaceae	OTU04166 Prevotella
Bacteroidia	Bacteroidales	unclassified	OTU04291 unclassified.Bacteroidales
Bacteroidia	Bacteroidales	Prevotellaceae	OTU04294 Prevotella
Actinobacteria	Actinomycetales	unclassified	OTU04297 unclassified.Actinomycetales
Clostridia	Clostridiales	Lachnospiraceae	OTU04305 unclassified.Lachnospiraceae
Flavobacteriia	Flavobacteriales	Flavobacteriaceae	OTU04310 Soonwooa
Bacteroidia	Bacteroidales	Porphyromonadac	OTU04365 Odoribacter

Bacteroidia	Bacteroidales	Porphyromonada	OTU04446 Tannerella
Actinobacteria	Actinomycetales	Corynebacteriaceae	OTU04468 Corynebacterium
Negativicutes	Selenomonadales	Veillonellaceae	OTU04489 Veillonella
Actinobacteria	Bifidobacteriales	Bifidobacteriaceae	OTU04497 Scardovia
Negativicutes	Selenomonadales	Veillonellaceae	OTU04514 unclassified.Veillonellaceae
Bacteroidia	Bacteroidales	Prevotellaceae	OTU04595 Prevotella
Negativicutes	Selenomonadales	Veillonellaceae	OTU04652 Veillonella
Actinobacteria	Actinomycetales	Actinomycetaceae	OTU04655 Actinomyces
Betaproteobacter	Neisseriales	Neisseriaceae	OTU04725 Bergeriella
Bacteroidia	Bacteroidales	Porphyromonada	OTU04789 Porphyromonas
Clostridia	Clostridiales	Lachnospiraceae	OTU04816 Lachnoanaerobaculum
Bacteroidia	Bacteroidales	Prevotellaceae	OTU04829 unclassified.Prevotellaceae
Fusobacteriia	Fusobacteriales	Leptotrichiaceae	OTU04846 unclassified.Leptotrichiaceae
Verrucomicrobiae	Verrucomicrobiale	Verrucomicrobiac	OTU04887 Akkermansia
Bacilli	Lactobacillales	Carnobacteriaceae	OTU04914 Granulicatella
Actinobacteria	Actinomycetales	unclassified	OTU04943 unclassified.Actinomycetales
Erysipelotrichia	Erysipelotrichales	Erysipelotrichaceae	OTU04966 Solobacterium
unclassified	unclassified	unclassified	OTU05024 unclassified.Candidatus_Sacch
Clostridia	Clostridiales	Lachnospiraceae	OTU05049 unclassified.Lachnospiraceae
Clostridia	Clostridiales	Ruminococcaceae	OTU05092 Ruminococcus
Clostridia	Clostridiales	Ruminococcaceae	OTU05104 unclassified.Ruminococcaceae
Fusobacteriia	Fusobacteriales	Fusobacteriaceae	OTU05154 Fusobacterium
Bacteroidia	Bacteroidales	Prevotellaceae	OTU05191 unclassified.Prevotellaceae
Actinobacteria	Actinomycetales	Actinomycetaceae	OTU05225 Actinomyces
Clostridia	Clostridiales	Lachnospiraceae	OTU05230 unclassified.Lachnospiraceae
Bacteroidia	Bacteroidales	Prevotellaceae	OTU05235 Prevotella
Fusobacteriia	Fusobacteriales	Leptotrichiaceae	OTU05258 Leptotrichia
Fusobacteriia	Fusobacteriales	Leptotrichiaceae	OTU05262 Leptotrichia
Spirochaetia	Spirochaetales	Spirochaetaceae	OTU05267 Treponema
Bacteroidia	Bacteroidales	Porphyromonada	OTU05280 unclassified.Porphyromonada
Bacilli	Lactobacillales	Streptococcaceae	OTU05309 Streptococcus
Bacteroidia	Bacteroidales	Bacteroidaceae	OTU05326 Bacteroides
Bacteroidia	Bacteroidales	Porphyromonada	OTU05411 Porphyromonas
Fusobacteriia	Fusobacteriales	Fusobacteriaceae	OTU05461 Fusobacterium
Negativicutes	Selenomonadales	Veillonellaceae	OTU05499 Veillonella
Actinobacteria	Coriobacteriales	Coriobacteriaceae	OTU05508 Olsenella
Betaproteobacter	Neisseriales	Neisseriaceae	OTU05515 Neisseria
Gammaproteobac	Pasteurellales	Pasteurellaceae	OTU05539 Aggregatibacter
unclassified	unclassified	unclassified	OTU05792 unclassified.Bacteroidetes
Gammaproteobac	Pasteurellales	Pasteurellaceae	OTU05932 Haemophilus
Clostridia	Clostridiales	Ruminococcaceae	OTU06042 Gemmiger
Fusobacteriia	Fusobacteriales	Leptotrichiaceae	OTU06066 Leptotrichia
unclassified	unclassified	unclassified	OTU06070 unclassified.Bacteroidetes
Flavobacteriia	Flavobacteriales	Flavobacteriaceae	OTU06074 unclassified.Flavobacteriaceae
Bacteroidia	Bacteroidales	Prevotellaceae	OTU06164 Prevotella
Bacteroidia	Bacteroidales	Prevotellaceae	OTU06220 Prevotella
Gammaproteobac	Pasteurellales	Pasteurellaceae	OTU06291 Haemophilus
Gammaproteobac	Pasteurellales	Pasteurellaceae	OTU06383 Haemophilus
Bacteroidia	Bacteroidales	Porphyromonada	OTU06445 Tannerella
Clostridia	Clostridiales	Eubacteriaceae	OTU06578 Eubacterium

Clostridia	Clostridiales	Lachnospiraceae	OTU06692 Lachnoanaerobaculum
Bacteroidia	Bacteroidales	Prevotellaceae	OTU06731 Prevotella
Actinobacteria	Actinomycetales	Corynebacteriaceae	OTU06772 Corynebacterium
Fusobacteriia	Fusobacteriales	Fusobacteriaceae	OTU06775 unclassified.Fusobacteriaceae
Clostridia	Clostridiales	Ruminococcaceae	OTU06780 Faecalibacterium
Bacteroidia	Bacteroidales	Prevotellaceae	OTU06808 Prevotella
Bacteroidia	Bacteroidales	Porphyromonadaceae	OTU06915 Porphyromonas
Bacteroidia	Bacteroidales	Prevotellaceae	OTU06946 Prevotella
Gammaproteobacteria	Pasteurellales	Pasteurellaceae	OTU07029 Haemophilus
Actinobacteria	Bifidobacteriales	Bifidobacteriaceae	OTU07098 Scardovia
Bacilli	Lactobacillales	Carnobacteriaceae	OTU07139 Granulicatella
Bacteroidia	Bacteroidales	Porphyromonadaceae	OTU07148 Porphyromonas
Bacteroidia	Bacteroidales	Porphyromonadaceae	OTU07154 unclassified.Porphyromonada
Negativicutes	Selenomonadales	Veillonellaceae	OTU07157 Veillonella
Negativicutes	Selenomonadales	Veillonellaceae	OTU07172 Megasphaera
Bacilli	Lactobacillales	Streptococcaceae	OTU07201 Streptococcus
Fusobacteriia	Fusobacteriales	Leptotrichiaceae	OTU07214 Leptotrichia
Clostridia	Clostridiales	Lachnospiraceae	OTU07355 Lachnoanaerobaculum
Bacteroidia	Bacteroidales	Prevotellaceae	OTU07373 Prevotella
Gammaproteobacteria	Cardiobacteriales	Cardiobacteriaceae	OTU07410 Cardiobacterium
Bacteroidia	Bacteroidales	Porphyromonadaceae	OTU07504 Tannerella
Clostridia	Clostridiales	Lachnospiraceae	OTU07512 unclassified.Lachnospiraceae
Fusobacteriia	Fusobacteriales	Leptotrichiaceae	OTU07525 Leptotrichia
Actinobacteria	Bifidobacteriales	Bifidobacteriaceae	OTU07528 Bifidobacterium
Negativicutes	Selenomonadales	Acidaminococcaceae	OTU07576 Phascolarctobacterium
Bacilli	Lactobacillales	unclassified	OTU07609 unclassified.Lactobacillales
Clostridia	Clostridiales	Lachnospiraceae	OTU07754 unclassified.Lachnospiraceae
Bacteroidia	Bacteroidales	Prevotellaceae	OTU07768 Prevotella
Bacteroidia	Bacteroidales	Prevotellaceae	OTU07891 Prevotella
Spirochaetia	Spirochaetales	Spirochaetaceae	OTU07904 Treponema
Clostridia	Clostridiales	Lachnospiraceae	OTU07905 unclassified.Lachnospiraceae
Clostridia	Clostridiales	Lachnospiraceae	OTU08020 Blautia
Betaproteobacteria	Neisseriales	Neisseriaceae	OTU08041 Neisseria
Bacteroidia	Bacteroidales	Prevotellaceae	OTU08059 Prevotella
Betaproteobacteria	Neisseriales	Neisseriaceae	OTU08061 unclassified.Neisseriaceae
Bacteroidia	Bacteroidales	Prevotellaceae	OTU08076 Prevotella
Bacilli	Lactobacillales	unclassified	OTU08099 unclassified.Lactobacillales
Bacteroidia	Bacteroidales	Prevotellaceae	OTU08166 Prevotella
Actinobacteria	Actinomycetales	Micrococcaceae	OTU08172 Rothia
Bacilli	Lactobacillales	Streptococcaceae	OTU08195 Streptococcus
Clostridia	Clostridiales	Peptostreptococcaceae	OTU08330 Clostridium_XI
Bacteroidia	Bacteroidales	Prevotellaceae	OTU08362 unclassified.Prevotellaceae
Alphaproteobacteria	unclassified	unclassified	OTU08388 unclassified.Alphaproteobacteria
Gammaproteobacteria	Pasteurellales	Pasteurellaceae	OTU08405 unclassified.Pasteurellaceae
Clostridia	Clostridiales	Lachnospiraceae	OTU08436 Ruminococcus2
Bacteroidia	Bacteroidales	Prevotellaceae	OTU08446 Alloprevotella
unclassified	unclassified	unclassified	OTU08451 unclassified.Firmicutes
Clostridia	Clostridiales	Clostridiaceae_1	OTU08558 Anaerosporebacter
Betaproteobacteria	Burkholderiales	Alcaligenaceae	OTU08697 Achromobacter
Bacilli	Bacillales	Paenibacillaceae	OTU08766 Paenibacillus

Clostridia	Clostridiales	Lachnospiraceae	OTU08779 Catonella
unclassified	unclassified	unclassified	OTU08798 unclassified.Bacteroidetes
Bacteroidia	Bacteroidales	Prevotellaceae	OTU08807 Alloprevotella
Bacteroidia	Bacteroidales	Prevotellaceae	OTU08808 Prevotella
Flavobacteriia	Flavobacteriales	Flavobacteriaceae	OTU08861 Planobacterium
Bacteroidia	Bacteroidales	Porphyromonada	OTU08873 unclassified.Porphyromonada
Fusobacteriia	Fusobacteriales	Fusobacteriaceae	OTU08875 Fusobacterium
Bacteroidia	Bacteroidales	unclassified	OTU08991 unclassified.Bacteroidales
Fusobacteriia	Fusobacteriales	Leptotrichiaceae	OTU09001 Leptotrichia
Betaproteobacter	Neisseriales	Neisseriaceae	OTU09002 Neisseria
Gammaproteobac	Pasteurellales	Pasteurellaceae	OTU09018 Aggregatibacter
Gammaproteobac	Pasteurellales	Pasteurellaceae	OTU09134 Haemophilus
Fusobacteriia	Fusobacteriales	unclassified	OTU09150 unclassified.Fusobacteriales
Bacilli	Lactobacillales	unclassified	OTU09349 unclassified.Lactobacillales
Bacteroidia	Bacteroidales	Porphyromonada	OTU09455 Tannerella
Bacilli	Lactobacillales	Streptococcaceae	OTU09501 Streptococcus
Clostridia	Clostridiales	Lachnospiraceae	OTU09530 Lachnoanaerobaculum
Negativicutes	Selenomonadales	Veillonellaceae	OTU09543 unclassified.Veillonellaceae
Bacteroidia	Bacteroidales	Prevotellaceae	OTU09548 Prevotella
Bacteroidia	Bacteroidales	Prevotellaceae	OTU09577 Hallella
Bacilli	Lactobacillales	Streptococcaceae	OTU09656 Streptococcus
Negativicutes	Selenomonadales	Veillonellaceae	OTU09667 Selenomonas
Gammaproteobac	Pasteurellales	Pasteurellaceae	OTU09704 unclassified.Pasteurellaceae
Bacteroidia	Bacteroidales	Prevotellaceae	OTU09705 Prevotella
Clostridia	Clostridiales	Lachnospiraceae	OTU09773 Coprococcus
Gammaproteobac	Xanthomonadales	Xanthomonadaceae	OTU09893 Stenotrophomonas
Betaproteobacter	Neisseriales	Neisseriaceae	OTU09904 Kingella
Actinobacteria	Actinomycetales	Actinomycetaceae	OTU10042 Actinomyces
unclassified	unclassified	unclassified	OTU10089 unclassified.Proteobacteria
Bacilli	Lactobacillales	Streptococcaceae	OTU10091 Streptococcus
Clostridia	Clostridiales	Lachnospiraceae	OTU10098 Clostridium_XIVa
Actinobacteria	Actinomycetales	unclassified	OTU10128 unclassified.Actinomycetales
Bacteroidia	Bacteroidales	Porphyromonada	OTU10131 Parabacteroides
Negativicutes	Selenomonadales	Veillonellaceae	OTU10133 Veillonella

mean	meanCRC	meanpol	meanHC	CRCvsHC
1,702235447	0,872756405	1,553966393	3,319843728	0,262890809
0,093031962	0,068091868	0,125007696	0,111064514	0,613083923
0,284241489	0,302822271	0,298858909	0,238517448	1,269602177
0,16652789	0,04767736	0,318235336	0,253024591	0,188429749
0,186134166	0,127621976	0,203536431	0,276838208	0,460998417
0,108683478	0,068213403	0,214782352	0,092406557	0,738187907
0,242124829	0,092047268	0,349647329	0,421945539	0,218149642
0,037869942	0,038276673	0,021976721	0,050488132	0,758132093
4,549435158	3,900559004	4,859619443	5,456857437	0,714799507
0,409148565	0,422366845	0,382835253	0,407458845	1,036587744
0,03	0,02	0,03	0,03	0,76
0,00	0,00	0,00	0,00	Inf
0,04	0,07	0,02	0,01	6,62
0,01	0,01	0,03	0,01	0,87
0,02	0,02	0,03	0,01	4,50
0,02	0,01	0,04	0,01	1,02
7,37	11,59	4,41	2,26	5,12
11,22	7,82	12,95	15,89	0,49
0,02	0,02	0,03	0,00	12,84
0,02	0,01	0,05	0,01	0,59
1,67	1,63	1,70	1,72	0,95
0,00	0,00	0,01	0,00	1,75
0,005711537	0,000979731	0,017048842	0,004705452	0,208211781
0,006280172	0,006814523	0,010407223	0,001851617	3,680310071
0,003453023	0,001724349	0,010984871	0,000237883	7,248730668
2,391302258	2,169687018	1,416081404	3,609395208	0,601122042
0,00308739	0,0014647	0,009422447	0,000686783	2,132697719
0,001359936	0,00090726	0,003160732	0,000662084	1,37030935
0,003974884	0,003614285	0,009047997	0,000362549	9,969102553
0,001568221	0,000449661	0,002903158	0,002460281	0,18276794
2,699713006	3,203572099	3,202695371	1,370261452	2,337927623
1,509083403	1,66559221	1,858756141	0,933642449	1,783972238
0,004800463	0,004170296	0,01062721	0,001040297	4,008756532
0,002939088	0,000661148	0,010323964	0,000836084	0,790766618
2,385460635	2,631844048	2,418569677	1,914158895	1,374934993
0,001494557	0,000709333	0,004090126	0,000727682	0,974783965
0,001741447	0,002364583	0,00230294	0,000148148	15,96093797
0,004765864	0,005952221	0,005874609	0,001699075	3,503213011
1,308078189	0,881163527	1,148517284	2,210555742	0,398616289
0,001765805	0,002003556	0,002903158	0,000382475	5,238396458
3,599520826	3,387929239	2,822876275	4,632767106	0,731297119
0,002207822	0,0004884	0,007696835	0,000692011	0,705769966
0,00036595	0,000494605	0,000525917	0	Inf
0,002433074	0,000600709	0,008110183	0,000962559	0,624074631
0,708500089	0,801239782	0,678985109	0,566361223	1,414715113
0,001533114	0,001079511	0,004330254	0	Inf
0,000980392	0	0,003691844	0,000467477	0
0,007348008	0,009407524	0,010135997	0,001298969	7,242299731

0,001697253	0,001213245	0,004188562	0,000475766	2,550090021
0,916326267	1,288333928	0,373608308	0,702595562	1,833677863
0,00165174	0,001253617	0,003665781	0,000676569	1,852903069
0,000895967	0,000348194	0,002632296	0,000423443	0,822293143
0,000228008	0,00011888	0,000733293	0	Inf
1,060961438	1,605339002	0,72561646	0,362771604	4,425205786
0,000467417	0	0,001764749	0,00021901	0
0,000718837	0,000976801	0,000725789	0,000248663	3,928205128
0,006255691	0,005202433	0,014880728	0,000906522	5,738895884
0,009208929	0,015964539	0,005240501	0,00038231	41,75810104
0,001351886	0,001434178	0,002612802	0,000144592	9,918774272
1,035772129	1,610361511	0,986873638	0,042585973	37,81436503
0,00134973	0,000472889	0,0041802	0,000550448	0,859097856
0,003263668	0,002190046	0,008234828	0,001020413	2,1462342
1,343849935	0,564277596	2,451290432	1,816830129	0,310583574
0,000293868	0,00036501	0	0,000412662	0,884525316
0,000328368	0	0,000534846	0,00074599	0
0,000321323	0,000118222	0,000725789	0,000347152	0,340548918
0,294270867	0,298707682	0,162015443	0,397379157	0,751694386
1,252736069	1,299430477	1,073697818	1,319078266	0,98510491
0,000810625	0,000169584	0,002177368	0,000816436	0,207712035
0,001716533	0,000118222	0,006895111	0,000243487	0,485538472
0,270638724	0,25963233	0,203911615	0,346501005	0,74929748
0,00285804	0,00511705	0,000725789	0,000582911	8,778436347
0,002601078	0,00069246	0,009787496	0	Inf
0,000285309	0,000194081	0,000820452	0	Inf
0,000593116	0,000860711	0,000725789	0	Inf
0,000948385	0,000174593	0,003178784	0,000467674	0,37332283
0,000655262	0,000118222	0,00230294	0,000237883	0,496976468
0,356781515	0,29239682	0,549992172	0,310377016	0,942069822
1,302606939	1,470631472	1,603441795	0,747461502	1,967501293
0,000266647	0,000316105	0	0,000401606	0,787101028
0,000835889	0,000691769	0,001451579	0,000578126	1,196571625
0,000372019	0,0002442	0,001088795	0	Inf
0,154112039	0,308796104	0,005402903	0,000596396	517,7704601
0,00050247	0	0,002177368	0	NaN
0,000608519	0	0,001727205	0,000764155	0
0,000178797	0,000118222	0	0,00043802	0,269901225
0,004284216	0,000828213	0,015923419	0,000728089	1,137516184
0,05821638	0,070564563	0,028753457	0,060738507	1,161776377
0,000635332	0	0,002753104	0	NaN
0,005551263	0,000158177	0,011377305	0,010364944	0,015260723
0,063884525	0,031380396	0,089138042	0,101179003	0,310147314
3,75E-05	7,59E-05	0	0	Inf
0,632839233	0,610631074	0,972682637	0,387345458	1,576450843
0,000382996	0	0,001451579	0,000174779	0
0,000604041	0,000166646	0,001451579	0,000679419	0,24527705
0,000753261	0,00021888	0,002618735	0,000148148	1,477439822
0,001625218	0,000835311	0,005080526	0,000144592	5,777011698
0,00016749	0	0,000725789	0	NaN

0,00052216	0,000411725	0,000250061	0,000949506	0,433619643
0,00033498	0	0,001451579	0	NaN
0,000343441	0	0,001159767	0,000275919	0
0,001536315	0	0,00648314	0,000146349	0
7,34E-05	0	0,000317884	0	NaN
0,000475436	0,000227578	0,001396187	0,000148148	1,536150748
0,000507313	0	0,002198354	0	NaN
0,976941824	1,345493892	0,852376011	0,418183386	3,217473331
5,85E-05	0,000118222	0	0	Inf
0,001523821	0,000613493	0,005080526	0,000174779	3,510097944
0,000413066	0,000835311	0	0	Inf
0,490783218	0,560609302	0,329588256	0,500500035	1,120098428
0,767009247	1,005837934	0,694089779	0,398369963	2,524883975
0,136104859	0,111430339	0,176176224	0,14685905	0,758757048
1,32636526	1,49498297	1,332266063	1,017896706	1,468698112
0,002041716	0,00071703	0,006367322	0,000792642	0,904608168
0,122227374	0,102838288	0,099833217	0,175938821	0,584511638
0,000924361	0,000450745	0,001451579	0,001334006	0,33788803
0,000597056	0,000529976	0,001451579	0	Inf
0,000227005	0,000354667	0	0,000187899	1,887535245
0,257102794	0,308328642	0,211163601	0,203485191	1,515238724
0,005023082	0,002872767	0,013465811	0,001801758	1,594424377
5,16E-05	0	0	0,000187899	0
0,000522094	0,000717089	0,000725789	0	Inf
0,101524369	0,15062266	0,056742782	0,050763979	2,967116907
0,000184233	0,000296535	0,000162912	0	Inf
0,000265724	0	0,00115147	0	NaN
0,000555715	0,000236444	0,001727205	0,000146349	1,615624243
0,000284413	0,000236444	0,000725789	0	Inf
0,001537446	0,001379891	0,003473917	0,000194411	7,097815168
0,000442766	0,000480645	0,000888701	0	Inf
0,001634025	0,00208795	0,000704163	0,001598043	1,30656675
0,060432254	0,073726282	0,052168609	0,043444465	1,697023605
5,85E-05	0,000118222	0	0	Inf
0,271872261	0,262784045	0,381043747	0,196527002	1,337139645
0,000120335	0	0	0,00043802	0
0,095997488	0,071995262	0,122929372	0,116578712	0,617567831
0,106057149	0,061952774	0,180088739	0,123258489	0,502624807
0,00034388	0	0,001301525	0,000158441	0
0,0017941	0,001205489	0,004930472	0,000219046	5,503360631
0,364725759	0,361925776	0,479106038	0,273686292	1,322411049
0,000225951	0,000118222	0,000725789	0	Inf
0,000267297	0,000404261	0,000292016	0	Inf
0,000589866	0,000717089	0,001019466	0	Inf
0,000627756	0,000705475	0,001208545	0	Inf
0,000133545	7,59E-05	0	0,000349559	0,217014482
0,000105128	0	0,000455554	0	NaN
0,061992184	0,078910781	0,024602187	0,062946307	1,253620493
0,751063533	1,029806595	0,429095662	0,519779031	1,981239207
0,001215514	0,001441934	0,002177368	0	Inf

0,102528429	0,110260263	0,140379884	0,056815907	1,940658306
6,02E-05	0	0	0,000219046	0
0,484653796	0,319752858	0,536069995	0,738285876	0,433101687
0,000437927	0	0,001614491	0,000237883	0
0,000247346	0,000151802	0,000268443	0,000401606	0,377985746
0,390483053	0,604305571	0,252636803	0,121393372	4,97807714
0,029988889	0,021421885	0,032825941	0,043026371	0,497878034
8,38E-05	0	0,000363005	0	NaN
0,019291713	0,018994481	0,010115768	0,027534525	0,689842356
0,000142562	7,73E-05	0	0,000379858	0,203391361
0,384168739	0,218296371	0,730676546	0,391672445	0,557344215
6,06E-05	0	0	0,000220751	0
0,002086225	0,002127999	0,004480309	0	Inf
0,344894137	0,546516622	0,150510905	0,145255578	3,762448434
0,000516003	0	0,001451579	0,000658924	0
0,639267849	0,576373194	0,86750583	0,560758323	1,027845989
0,24441504	0,150038894	0,484340012	0,212755127	0,705218698
6,02E-05	0	0	0,00021901	0
0,000797172	0	0,00345441	0	NaN
0,065875009	0,055781713	0,160648952	0,00443283	12,58377071
0,242236452	0,420122563	0,148322055	0,000929545	451,9660076
0,006041802	0,002861769	0,018011661	0,001711182	1,672393418
0,000288248	0,0002442	0,000725789	0	Inf
0,70840014	0,917872765	0,342213266	0,638946389	1,436541125
0,00016749	0	0,000725789	0	NaN
0,000116923	0,000236444	0	0	Inf
8,39E-05	0,000169648	0	0	Inf
0,00033498	0	0,001451579	0	NaN
0,297158975	0,274155633	0,414702406	0,23982851	1,143131951
0,000869923	0,001401957	0,000765474	0	Inf
7,33E-05	0	0	0,000266934	0
0,000120758	0,0002442	0	0	Inf
0,162024332	0,188086849	0,1929898	0,089100808	2,110944378
0,12369085	0,133572371	0,173212688	0,064305771	2,077144393
0,001062896	0	0,004605881	0	NaN
0,072618039	0,106183914	0,032793214	0,045652316	2,325926122
0,000322636	0,000303437	0,000575735	0,000144592	2,098571569
0,000291304	0,000118222	0,000725789	0,000237883	0,496976468
5,44E-05	0	0	0,000198049	0
0,224361504	0,280477842	0,074278127	0,249422132	1,124510643
0,000241517	0,0004884	0	0	Inf
0,001097523	0	0,004755935	0	NaN
0,067159789	0,085896898	0,040452009	0,055867528	1,537510271
0,206127191	0,20776812	0,115350289	0,279426117	0,743552974
0,297958061	0,296101713	0,395370389	0,219473131	1,349147894
0,00050247	0	0,002177368	0	NaN
0,041906833	0,038533317	0,059035642	0,033590964	1,147133404
0,000132862	0	0,000575735	0	NaN
0,034986419	0,049093711	0,004496231	0,035205051	1,394507617
0,000167541	0	0,000726011	0	NaN

0,119107863	0,230215147	0,019285949	0,002965159	77,64005842
0,000205003	7,59E-05	0,000725789	0	Inf
6,37E-05	0	0	0,000231709	0
0,000118553	0,000151719	0	0,000158441	0,957571896
0,111852903	0,155698735	0,123093735	0,023488105	6,62883336
0,005002561	0,00595541	0,007938654	0,000821115	7,252833698
0,01585733	0,018337434	0,014395991	0,012620668	1,452968594
7,50E-05	0,000151719	0	0	Inf
0,00066996	0	0,002903158	0	NaN
0,151227357	0,304140518	0,001993209	0,001340353	226,9108016
0,047369633	0,082094205	0,005842231	0,019748421	4,157000998
0,000350769	0,000709333	0	0	Inf
0,00016749	0	0,000725789	0	NaN
0,67595906	0,600318827	0,60774755	0,869409147	0,690490581
0,13297715	0,091342831	0,201040846	0,15074542	0,605941001
0,252589063	0,235685464	0,381536978	0,174699291	1,349092281
0,000142414	0,000151719	0,000292016	0	Inf
0,000459232	0	0,001727205	0,000220751	0
0,694411526	0,576275765	0,976045753	0,670483147	0,859493289
0,157490128	0,265755496	0,042291991	0,059378902	4,475587919
0,101802831	0,079428127	0,137798298	0,111841105	0,710187254
0,00016749	0	0,000725789	0	NaN
0,285295126	0,325176807	0,255756788	0,238320306	1,364452791
0,012496069	0,023102186	0,00115147	0,002934521	7,872559067
5,85E-05	0,000118222	0	0	Inf
0,096955962	0,073933891	0,108903144	0,128360058	0,575988292
0,09635706	0,128321985	0,084827434	0,048505081	2,645536991
0,000162716	0,000329047	0	0	Inf
0,028369717	0,027058241	0,034511774	0,025571048	1,05815926
0,739270565	0,752403654	1,111488988	0,402967529	1,867157027
5,85E-05	0,000118222	0	0	Inf
0,00033498	0	0,001451579	0	NaN
0,009463407	0,002098955	0,007067238	0,024732204	0,084867269
0,00013624	0	0,000354599	0,000198049	0
6,72E-05	0,000135866	0	0	Inf
0,00533431	0,000900976	0,003471877	0,014878755	0,060554535
0,000225951	0,000118222	0,000725789	0	Inf
0,129617259	0,13349584	0,24050813	0,02948748	4,527204086
0,062141038	0,04931738	0,073568535	0,075624525	0,652134744
0,00050247	0	0,002177368	0	NaN
0,000116923	0,000236444	0	0	Inf
0,00033498	0	0,001451579	0	NaN
0,145527122	0,167307056	0,038448976	0,196268885	0,852438002
0,219820856	0,259390145	0,218228679	0,149933565	1,730033861
0,020093146	0,015075335	0,013803966	0,034408117	0,438133088
0,00016749	0	0,000725789	0	NaN
0,010278616	0,020245522	0,00115741	0	Inf
0,110735807	0,089448411	0,089014481	0,167299032	0,534661859
3,82E-05	7,73E-05	0	0	Inf
0,00016749	0	0,000725789	0	NaN

5,85E-05	0,000118222	0	0	Inf
0,02435966	0,018097012	0,033609163	0,027862844	0,649503415
0,014956135	0,029582926	0	0,001191064	24,83740351
0,160297745	0,043573113	0,281311304	0,268750692	0,162132096
0,084824545	0,100215808	0,055055245	0,082126484	1,220261758
0,000515585	0,000292957	0	0,001349407	0,217100185
0,208374961	0,232011547	0,181501071	0,188403173	1,231463056
0,035881314	0,062432575	0,003706892	0,015115557	4,130352206
5,85E-05	0,000118222	0	0	Inf
0,008637831	0,00678116	0,020739821	0,001814169	3,737887841
0,00016749	0	0,000725789	0	NaN
0,000124847	9,92E-05	0	0,000275919	0,359452329
0,031674056	0,024809748	0,068165562	0,013376946	1,854664618
0,032605913	0,026838314	0,022849165	0,051183261	0,524357253
0,000152821	0,000309039	0	0	Inf
0,064597276	0,116952052	0,027001042	0,001939517	60,29957582
0,001594665	0,003224766	0	0	Inf
0,033552579	0,0389992	0,032753702	0,024419719	1,59703723
0,001004939	0	0,004354737	0	NaN
0,035225857	0,032025266	0,015511248	0,057547194	0,556504387
3,75E-05	7,59E-05	0	0	Inf
0,008580356	0,005392199	0,008569578	0,014328093	0,376337551
0,060896072	0,095825356	0,027926376	0,025717906	3,726016999
0,169432811	0,224450637	0,070005901	0,153919328	1,458235558
0,020226264	0,018795152	0,018299632	0,024420637	0,769642148
0,064409726	0,091548377	0,050548619	0,027203483	3,365318264
0,289410658	0,431385053	0,145572941	0,154680428	2,788879361
0,00663257	0,001075105	0,024346832	0,001756029	0,612236581
0,00184852	0,000712551	0,006207514	0,000231709	3,075191094
0,000116923	0,000236444	0	0	Inf
0,000472079	0	0,000942298	0,000926838	0
0,00016749	0	0,000725789	0	NaN
0,026728807	0,050410584	0,006365564	0,001206734	41,7743986
0,008910317	0,009438763	0,007646079	0,009021072	1,0463018
0,212729031	0,190829194	0,087387725	0,357435434	0,533884376
0,000280189	0	0,001214152	0	NaN
0,015560374	0,011768229	0,023420384	0,015783824	0,745587955
0,065040418	0,069660762	0,068872693	0,053504688	1,301956218
0,000225951	0,000118222	0,000725789	0	Inf
0,014464633	0,02177698	0,007743332	0,006948302	3,134144309
0,004354472	0,003154693	0,010010004	0,001763426	1,788956563
6,02E-05	0	0	0,00021901	0
0,00016749	0	0,000725789	0	NaN
0,324789817	0,282300911	0,422514101	0,31918145	0,88445275
0,148464251	0,1566189	0,262268043	0,038190698	4,100969844
6,74E-05	0	0,000292016	0	NaN
0,000470401	0,000273851	0,001451579	0	Inf
0,00016749	0	0,000725789	0	NaN
6,06E-05	0	0	0,000220751	0
0,000292308	0,000591111	0	0	Inf

0,001339919	0	0,005806316	0	NaN
0,002203445	0,003362604	0	0,001967854	1,708767514
0,008644898	0,010564657	0,01039137	0,003722294	2,838211698
0,011781981	0,015560657	0,003312193	0,012094985	1,286537896
0,007275296	0,006965469	0,015426798	0,000985723	7,066354813
0,007045485	0,013142456	0,000426083	0,001631236	8,056744647
0,00016749	0	0,000725789	0	NaN
0,06080142	0,069883775	0,031224768	0,069297566	1,008459303
0,048670751	0,056956785	0,044042089	0,037643966	1,513038902
0,000195708	0,000395765	0	0	Inf
5,85E-05	0,000118222	0	0	Inf
0,003195783	0,001826738	0,008580944	0,00113653	1,607293801
0,015720382	0,015215862	0,01600577	0,016388793	0,928430926
0,011974536	0,020075237	0,00331572	0,00466668	4,301824094
0,026182007	0,027677673	0,034871989	0,016190225	1,709529815
0,024856502	0,020696138	0,044806218	0,015587394	1,327748472
5,85E-05	0,000118222	0	0	Inf
0,043988816	0,071940411	0,030443239	0,005054231	14,23370119
0,014989154	0,006806013	0,015251774	0,029498207	0,230726325
0,026598558	0,031353507	0,032307185	0,013244401	2,367302718
0,000120758	0,0002442	0	0	Inf
4,90E-05	9,92E-05	0	0	Inf
0,004367669	0,007570759	0,001928132	0,000651318	11,62374944
0,003664379	0,006180229	0,001740867	0,000751597	8,222795229
3,76E-05	0	0,000162912	0	NaN
0,010223887	0,020674972	0	0	Inf
0,000111405	0	0,000482756	0	NaN
0,014290275	0,012410911	0,022940472	0,010406966	1,192558064
0,000981863	0,00141347	0,001017805	0,000174779	8,08717142
0,010926836	0,006524947	0,004365478	0,024361776	0,267835434
0,033532201	0,033169456	0,022683085	0,043298399	0,766066563
0,02764236	0,038631482	0,025788041	0,009419569	4,1011941
0,008788736	0,011003238	0,003065947	0,009609774	1,145004917
0,016474635	0,009112781	0,002569421	0,041406353	0,220081705
0,037545968	0,029015324	0,041034063	0,049971128	0,580641758
0,016656957	0,00639551	0,052673414	0,004873737	1,312239561
0,000175385	0,000354667	0	0	Inf
0,030253228	0,022723357	0,057274267	0,021109322	1,076460767
0,01485598	0,022287276	0,009335113	0,006117174	3,643394024
0,021118421	0,018419877	0,009307642	0,035896856	0,513133432
0,001808389	0,002414888	0,002233919	0,000359244	6,722136731
0,011545708	0,010723093	0,007450865	0,016466083	0,651223065
0,003288598	0,005847789	0,001719616	0	Inf
0,034000753	0,046408466	0,020561499	0,022955844	2,021640601
0,009511179	0,008878809	0,006167545	0,013458099	0,659737218
0,006237052	0,003650881	0,014841348	0,00366455	0,996270089
0,001053238	0,001791179	0,000725789	0	Inf
0,000584615	0,001182222	0	0	Inf
0,031765339	0,034153766	0,011914465	0,044140906	0,773744126
0,003634422	0,000470394	0,001676386	0,010974422	0,042862765

0,00165051	0,002349901	0	0,001778034	1,321628813
0,000988019	0,001886437	0	0,000200803	9,394453877
0,000247956	0,000384728	0,000250061	0	Inf
0,013713209	0,017113026	0,011892724	0,009122747	1,875863257
6,70E-05	0,000135468	0	0	Inf
0,00010853	0,000219472	0	0	Inf
0,001055694	0,000449661	0,000268443	0,002807847	0,160144235
0,022874852	0,028719487	0,034121406	0,002907404	9,878052603
0,00016749	0	0,000725789	0	NaN
7,51E-05	0,000151802	0	0	Inf
0,010397404	0,010938317	0,003766289	0,014993896	0,729517998
0,002082563	0,00398333	0,000488735	0	Inf
0,01554199	0,012187589	0,03737858	0,003237177	3,764882022
0,000911931	0,001621012	0	0,000401606	4,036319886
0,002837271	0,002917114	0,002957015	0,002592968	1,12500972
0,000173119	0	0,000750182	0	NaN
0,000225951	0,000118222	0,000725789	0	Inf
5,85E-05	0,000118222	0	0	Inf
0,000634297	0,000816178	0	0,000839721	0,971963386
0,010942798	0,006574644	0,004742479	0,024013744	0,273786721
0,031586373	0,020789531	0,004478186	0,073791565	0,281733164
0,015989993	0,015029628	0,021542168	0,013054822	1,151270237
0,004168049	0,002263263	0,007389027	0,004891041	0,462736398
0,000142507	0,000162908	0,000268443	0	Inf
0,000288248	0,0002442	0,000725789	0	Inf
0,009125038	0,004413481	0,011287782	0,015789137	0,279526404
0,001470307	0,002003487	0	0,001745642	1,147708047
0,005022162	0,005302857	0,004774483	0,004724962	1,122306704
0,00016749	0	0,000725789	0	NaN
0,000398586	0	0,001727205	0	NaN
0,011804844	0,010420488	0,019352425	0,007956718	1,309646567
0,00016749	0	0,000725789	0	NaN
0,005187244	0,00297209	0,008657552	0,006259463	0,47481554
0,000116923	0,000236444	0	0	Inf
0,004164371	0,005203028	0,002445405	0,003738717	1,391661378
0,001583967	0,001787207	0,003034129	0	Inf
0,009062438	0,00221402	0,020272539	0,011973107	0,184916082
0,000175385	0,000354667	0	0	Inf
0,008298375	0,012949195	0,003771144	0,003729775	3,471843285
0,008014802	0,014680702	0,00327216	0	Inf
0,004203687	0,00514714	0,001289143	0,004953689	1,039052002
0,006231119	0,006151508	0,005138542	0,007292182	0,843575838
0,00016749	0	0,000725789	0	NaN
0,015436727	0,012942091	0,015610365	0,019781215	0,654261703
0,013446001	0,010510149	0,019069203	0,014007045	0,750347363
0,014106782	0,02672226	0,002355052	0,001270373	21,03497166
0,006155487	0,00670563	0,006706257	0,004702584	1,42594585
0,000446385	0	0,001934335	0	NaN
0,00225227	0,003364005	0	0,002143052	1,569725984
6,54E-05	0	0	0,000237883	0

6,02E-05	0	0	0,00021901	0
6,54E-05	0	0	0,000237883	0
0,005637495	0,011250066	0	0,000270362	41,6111813
0,00754881	0,009160397	0,009023233	0,00340944	2,686774843
0,019408234	0,03175921	0,008317975	0,006492296	4,891830191
0,003179457	0,004114683	0,002008965	0,002479264	1,659638721
0,008205046	0,009440213	0,004346862	0,009222621	1,02359321
0,00033498	0	0,001451579	0	NaN
0,00050247	0	0,002177368	0	NaN
0,00050247	0	0,002177368	0	NaN
0,009110616	0,018423691	0	0	Inf
0,000857356	0,001150023	0,000257707	0,00083426	1,378495516
0,004181275	0	0	0,015219842	0
0,010485432	0,004837302	0,030686318	0,003683322	1,313298663
0,001163389	0,001534778	0,000728856	0,000859897	1,784839326
0,002268239	0,003061317	0,000841739	0,002038958	1,501412583
0,000712297	0	0,002130416	0,000803213	0
0,004240999	0,00688277	0,001078092	0,002142653	3,212265553
0,000132862	0	0,000575735	0	NaN
0,007635577	0,001797688	0,016058804	0,011068268	0,162418195
0,019868451	0,028789012	0,014338148	0,008456898	3,404204716
0,000651352	0,000472889	0,00093183	0,000736986	0,641652393
0,001166785	0,000671087	0,000567945	0,002562064	0,261932319
0,003669645	0,004523195	0,00363334	0,002163751	2,090441715
0,003651106	0,00713792	0,000525917	0	Inf
0,003702857	0	0,008254842	0,006544333	0
0,006663307	0,004699566	0,006424352	0,010398762	0,45193518
0,017969806	0,018878377	0,025354298	0,010131403	1,863352613
4,90E-05	9,92E-05	0	0	Inf
0,001945117	0,001787956	0,002015504	0,002168884	0,824366736
0,002755091	0,00203015	0,003642718	0,003314378	0,612528285
0,001285221	0,000952809	0,001674413	0,00155664	0,612093566
0,000280977	0,000568198	0	0	Inf
0,003829681	0,005467381	0,003782229	0,00092168	5,931974861
0,012701786	0,021471147	0,007564668	0,001232114	17,42627323
6,02E-05	0	0	0,000219046	0
0,001659228	0,000132607	0,000536885	0,005349913	0,024786691
6,02E-05	0	0	0,000219046	0
0,000191215	0	0,000500121	0,000275919	0
0,00016749	0	0,000725789	0	NaN
8,67E-05	0,000175309	0	0	Inf
0,006247347	0,007341557	0,005702335	0,00473558	1,550297296
0,001413776	0,000713279	0,00152108	0,002584536	0,275979719
0,000304158	0,000270024	0,000292016	0,000375799	0,718533011
0,012076907	0,004394043	0,036230055	0,005617416	0,782217886
0,001896346	0,001703865	0,003178021	0,001166204	1,461035089
0,001962536	0	0,008504322	0	NaN
0,080984052	0,07809289	0,056282522	0,106937427	0,730267154
6,02E-05	0	0	0,00021901	0
0,000408568	0,00011888	0	0,001273205	0,093370582

0,001685725	0,000754524	0,001596133	0,003437145	0,219520574
0,000356476	0	0,001216252	0,000275919	0
0,000266529	0,000538982	0	0	Inf
0,003154124	0,002292962	0,002136132	0,005559328	0,412453124
0,000417911	0,000724845	0,000257707	0	Inf
0,001211832	0	0,005251273	0	NaN
0,000426344	0,000450921	0,000518503	0,000304692	1,479922511
0,024922658	0,030953249	0,023907165	0,014920606	2,074530285
0,002328776	0,003002457	0,000927817	0,002292955	1,309426788
0,002032362	0,001326099	0,001679999	0,003599619	0,368399725
0,004130749	0,003837221	0,003484052	0,005202324	0,737597347
0,000116923	0,000236444	0	0	Inf
0,000364748	0,000150884	0,000257707	0,000839617	0,17970596
0,001402006	0,001088065	0	0,003144786	0,345990284
0,005924375	0,005180128	0,000942298	0,011448965	0,452453849
0,000240494	0,000410307	0,000162912	0	Inf
0,034907101	0,040569821	0,033806641	0,025638593	1,582373124
0,003056875	0,003616468	0,00465961	0,000703308	5,142083174
0,142912631	0,12648435	0,189051138	0,133727192	0,945838675
0,000565655	0,000657542	0,000490463	0,000463419	1,418894088
0,000278895	0	0,001208545	0	NaN
0,040753462	0,032642031	0,078048092	0,024026549	1,35858176
0,001871203	0,003213045	0	0,001027697	3,126452614
0,002179892	0,003957653	0,000965512	0	Inf
0,000464982	0,000535507	0	0,000728623	0,734958763
0,095580167	0,109422936	0,09694964	0,069512826	1,57414023
0,038179865	0,061756218	0,019306388	0,011596149	5,325580112
0,002235391	0,004407136	0,00024283	0	Inf
0,000232842	0	0,000725789	0,000237883	0
0,002352106	0	0,001214152	0,007541779	0
0,001810158	0,003552536	0	0,000194411	18,27335692
6,54E-05	0	0	0,000237883	0
8,14E-05	0	0	0,000296296	0
0,013464971	0	0,053711007	0,00389525	0
5,16E-05	0	0	0,000187899	0
0,000151604	0	0	0,000551838	0
0,00051882	0,000452653	0,001278249	0	Inf
0,000258103	0	0	0,000939496	0
7,97E-05	0	0	0,000290192	0
0,000204408	0,000300037	0,00024283	0	Inf
0,000399475	0,000285884	0	0,000939496	0,304295196
0,000120758	0,0002442	0	0	Inf
0,000161751	0,00025107	0,000162912	0	Inf
0,002606918	0,000397415	0,000250061	0,008563782	0,046406516
0,000120758	0,0002442	0	0	Inf
7,97E-05	0	0	0,000290192	0
5,60E-05	0	0,00024283	0	NaN
0,000930339	0,001761088	0,000257707	0	Inf
0,332663649	0,110423992	0,743397451	0,387678639	0,284833832
0,049418802	0,077955454	0,032656712	0,012132984	6,425085248

4,98E-05	0,000100658	0	0	Inf
0,000306261	0,000450055	0	0,000304692	1,477080942
0,009088186	0,008290417	0,006488252	0,012708115	0,652371886
0,011991781	0,012508829	0,006935429	0,015308432	0,81712019
4,98E-05	0,000100658	0	0	Inf
0,000170799	0,000345393	0	0	Inf
0,000426862	0,00050242	0,00077312	0	Inf
0,01501348	0,003917853	0,0027689	0,045271055	0,086542116
0,000741849	0,001500184	0	0	Inf
0,00016749	0	0,000725789	0	NaN
0,000116923	0,000236444	0	0	Inf
0,034739208	0,043509731	0,026705787	0,025700339	1,692963296
0,00011834	0	0	0,000430756	0
0,000609912	0	0	0,002220078	0
0,00051394	0,000347901	0,000317884	0,000977496	0,355910424
7,42E-05	0,000150018	0	0	Inf
0,00064405	0,000553432	0,000471149	0,0009524	0,581091891
3,76E-05	0	0,000162912	0	NaN
0,001333404	0,00085075	0,000942298	0,002530711	0,336170279
0,028212723	0,038839782	0,036045545	0,002504446	15,50833539
0,000579943	9,81E-05	0,00230294	0	Inf
0,000217118	0	0	0,000790309	0
0,000152174	0,00030773	0	0	Inf
0,000465685	0	0,001451579	0,000475766	0
0,108676002	0,219538758	0,000257707	0,000194411	1129,252487
0,211156096	0,420705752	0,003149221	0,00869249	48,39876031
0,003014818	0	0,013064211	0	NaN
0,000144907	0,000293034	0	0	Inf
0,000701721	0,000568198	0,001271537	0,000463419	1,226100173
0,000349165	0,000197883	0,001089016	0	Inf
0,00016749	0	0,000725789	0	NaN
0,000258103	0	0	0,000939496	0
0,000267334	0,000540608	0	0	Inf
0,001506072	0,003045613	0	0	Inf
0,006101909	0,00440983	0,012859118	0,003471594	1,270260892
0,000140489	0,000284099	0	0	Inf
0,032032353	0,025078126	0,031630487	0,04488753	0,558688041
4,98E-05	0,000100658	0	0	Inf
0,000122352	0,000135866	0	0,000200803	0,676612049
0,001767754	0,00064277	0,002543631	0,00314099	0,20463932
0,000964404	0,001950239	0	0	Inf
0,000343315	0,000694258	0	0	Inf
0,000101854	0	0,000441367	0	NaN
0,00013398	0,000270937	0	0	Inf
0,000565379	0	0,000250061	0,001847928	0
0,000952913	0,001053224	0,001180009	0,000581595	1,810923263
5,95E-05	0	0,000257707	0	NaN
0,005055623	0,002979512	0,005230874	0,008645412	0,344635077
0,000139086	0,000281262	0	0	Inf
5,88E-05	0,00011888	0	0	Inf

0,000297168	0,000600939	0	0	Inf
5,07E-05	0,000102577	0	0	Inf
0,003709175	0,003728422	0,003751914	0,003638629	1,024677753
0,000373432	0,000755162	0	0	Inf
0,002077934	0,003165148	0,001586904	0,000533414	5,933758392
0,025696889	0,030592247	0,035649443	0,008525098	3,588492008
0,001031907	0,000850823	0,00230294	0,000290192	2,931935739
0,001100712	0,000193675	0,004354737	0	Inf
0,001469826	0,00132154	0,003537376	0	Inf
0,003968422	0,004318386	0,005616263	0,001954302	2,209682167
0,004174949	0,006598282	0,001986232	0,001651472	3,995393546
0,000132862	0	0,000575735	0	NaN
0,000387252	0	0,001073771	0,000507629	0
0,000142927	0,000150884	0	0,000248663	0,606780735
0,000221535	0	0,00024283	0,00060241	0
0,060663622	0,039689736	0,049848742	0,107501115	0,369203014
3,75E-05	7,59E-05	0	0	Inf
0,000300515	0,00022483	0,000820452	0	Inf
5,16E-05	0	0	0,000187899	0
0,017246152	0,023357771	0,01319294	0,009649937	2,420510283
0,210654279	0,208388919	0,292066641	0,146345543	1,423951249
0,005715995	0,008391264	0,001646462	0,004318918	1,942908872
0,000189335	0	0,000820452	0	NaN
0,017073467	0,030155937	0,00575963	0,003028643	9,956912446
0,000750106	0	0,002974616	0,000231709	0
0,004137429	0,003591205	0,003602224	0,005570204	0,644716936
0,028615365	0,035792093	0,046658855	0,000540723	66,19300156
0,003322138	0,003948343	0,004298881	0,001374505	2,87255684
5,85E-05	0,000118222	0	0	Inf
0,00114842	0,001388774	0,000317884	0,001413434	0,982552598
0,000164815	0,000333292	0	0	Inf
0,000173068	0	0,000575735	0,000146349	0
0,000480417	0	0,002081805	0	NaN
0,000589597	0,000101249	0,001418394	0,000772433	0,131078635
0,0246053	0,047738184	0,00192459	0,002017905	23,65729943
0,094161065	0,190090581	0	0,000583232	325,9261419
0,001571873	0,001625987	0,001674879	0,001387944	1,171507238
0,000334827	0	0	0,001218769	0
0,005784695	0,007096394	0,005921773	0,00330849	2,144904262
0,000175385	0,000354667	0	0	Inf
0,000264811	0,000535507	0	0	Inf
0,000254572	0,000379531	0	0,000243487	1,558735419
0,000112539	0,000227578	0	0	Inf
0,000417306	0,000603359	0,000515413	0	Inf
0,000243749	0	0,001056245	0	NaN
0,000118995	0	0,000162912	0,000296296	0
0,000203931	0	0,000354599	0,000444444	0
0,001087037	0,000478648	0,000268443	0,002869757	0,166790445
0,007719871	0,009988671	0,010172293	0,001575994	6,338012275
0,000455725	0,000467409	0,000973219	0	Inf

0,00033498	0	0,001451579	0	NaN
0,000237681	0,000480645	0	0	Inf
0,002076443	0,001974382	0,002334215	0,002043622	0,966118839
0,003356576	0,004284355	0,00152831	0,003222316	1,329588929
0,004659803	0,004416102	0,002296181	0,007083908	0,623399208
0,016060818	0,023595757	0,00369802	0,012882678	1,831587953
0,000231463	0	0,000536885	0,000391543	0
0,00035037	0,000708526	0	0	Inf
0,00016749	0	0,000725789	0	NaN
0,004289213	0,00090265	0,010169749	0,005445378	0,165764359
0,001268119	0,002564418	0	0	Inf
0,000134777	0	0,000584032	0	NaN
0,001319529	0,000379296	0,00317489	0,001453444	0,260964035
0,000922537	0,000403814	0,000162912	0,002494322	0,161893474
0,001161649	0,001242373	0,001283396	0,000914077	1,359156544
0,028221981	0,043819941	0,019345266	0,007602094	5,7641935
0,001430487	0,001682871	0,001998455	0,000499103	3,371790994
0,014304817	0,016316189	0,014015943	0,010927003	1,493198928
5,85E-05	0,000118222	0	0	Inf
0,00013902	0,00028113	0	0	Inf
0,00043371	0,00023776	0,000732817	0,00053517	0,444269732
0,032906448	0,030637309	0,022408062	0,04580954	0,66879757
0,000173119	0	0,000750182	0	NaN
0,000151128	0	0,000482756	0,000144592	0
0,000294981	0	0,001278249	0	NaN
0,000464321	0,000354667	0,000820452	0,000362549	0,978258942
0,006224262	0,006420468	0,005679158	0,006328978	1,014455767
0,001256353	0,001961981	0,000808347	0,000362549	5,411634996
0,000163661	0	0,000709197	0	NaN
9,81E-05	0,00019836	0	0	Inf
0,000175385	0,000354667	0	0	Inf
0,000442962	0,000895768	0	0	Inf
6,70E-05	0,000135468	0	0	Inf
0,0011436	0,001433135	0,001884597	0	Inf
0,0003227	0	0	0,001174628	0
0,000240934	0,000267352	0,000471149	0	Inf
0,000350769	0,000709333	0	0	Inf
0,000766232	0,000900976	0,000942298	0,000375799	2,397497316
0,000130583	0	0	0,000475323	0
0,000165497	0	0	0,00060241	0
0,000592293	0,000441707	0	0,001360875	0,324575614
0,000876343	0,001182879	0,000725789	0,000451041	2,622555037
0,000949205	0,000164524	0,003168617	0,000497327	0,33081612
0,002380282	0,002058316	0,000325823	0,004685565	0,439288832
0,000134373	0,000271732	0	0	Inf
0,005007841	0,000996137	0,000704163	0,015843998	0,062871554
0,000233032	0,000471242	0	0	Inf
6,54E-05	0	0	0,000237883	0
0,000245491	0	0,001063796	0	NaN
0,000222555	0,000450055	0	0	Inf

0,000227406	0	0	0,000827757	0
0,00010145	0,000205153	0	0	Inf
0,000736708	0,001324308	0,000354599	0	Inf
6,69E-05	0	0	0,000243487	0
5,16E-05	0	0	0,000187899	0
0,001139675	0,001748828	0,000930334	0,000219046	7,983837081
0,007380705	0,003743035	0,008750961	0,012777496	0,292939661
0,005075019	0,005097686	0,000469107	0,008903183	0,572568992
0,000149226	0,000301768	0	0	Inf
0,000435793	0,000325815	0	0,000999821	0,32587362
0,000215133	0	0	0,000783085	0
0,000213729	0,000101249	0,000709197	0	Inf
7,50E-05	0,000151719	0	0	Inf
0,011521269	0,003300156	0,040327344	0,002122171	1,555084874
0,000100137	0,000202499	0	0	Inf
0,001255034	0,001525252	0,001909314	0,000219046	6,963158835
8,18E-05	0	0,000354599	0	NaN
0,000259012	0,00052378	0	0	Inf
3,75E-05	7,59E-05	0	0	Inf
0,00066996	0	0,002903158	0	NaN
5,85E-05	0,000118222	0	0	Inf
0,000136628	0	0	0,000497327	0
0,0003227	0	0	0,001174628	0
0,000454629	0,000655941	0,000268443	0,000248663	2,637866806
0,00016749	0	0,000725789	0	NaN
0,003008673	0,003137601	0,001443393	0,004091436	0,766870317
0,007039864	0,011697725	0,005439523	0	Inf
0,117125254	0,128410414	0,145060761	0,073346142	1,750745313
0,000778322	0	0,000971322	0,002017181	0
0,00047455	0,000300037	0,001413448	0	Inf
0,000307622	0,000247195	0,000426083	0,000316882	0,78008517
0,002232584	0,003298607	0,000363005	0,00188419	1,750676337
0,000167413	0	0	0,000609385	0
0,00029574	0	0,000471149	0,000680727	0
0,000203285	0,000166646	0,000227777	0,000248663	0,670166229
0,00173374	0,001790128	0,003139813	0,000451138	3,968026181
0,002019714	0,000670129	0,002686483	0,00388888	0,172319266
0,002213076	0,001430158	0,005299433	0,00102979	1,388785994
0,000156438	0,000316353	0	0	Inf
0,000789864	0,000250452	0,00024283	0,002220313	0,11280052
0,00016749	0	0,000725789	0	NaN
0,000307768	0	0,000980926	0,000296296	0
0,000108727	0	0,000471149	0	NaN
0,000608641	0	0,00097127	0,001399586	0
0,000618735	0,00114683	0	0,000187899	6,103431438
0,000134777	0	0,000584032	0	NaN
0,000222771	0	0,000268443	0,000585394	0
0,001377832	0,001561212	0,0006099	0,001692811	0,922260154
0,00032618	0	0,001413448	0	NaN
0,00050247	0	0,002177368	0	NaN

0,00258935	0,001303261	0,00733963	0,000914077	1,425767091
0,000153918	0,000311257	0	0	Inf
0,004168468	0,002952906	0,00734603	0,003687328	0,800825432
7,50E-05	0,000151719	0	0	Inf
0,013483019	0,009398329	0,033127247	0,00433431	2,168356414
0,000103241	0	0	0,000375799	0
0,000616269	0,000458686	0,000635768	0,000883538	0,519147026
0,000369344	0,000174593	0,000930334	0,000248663	0,702126545
0,000153745	0	0	0,000559631	0
0,000251676	0,000508945	0	0	Inf
0,005287469	0,005059766	0,003871825	0,006886475	0,734739645
7,43E-05	0	0	0,000270362	0
0,000149226	0,000301768	0	0	Inf
1,779224818	2,070228108	2,003537972	1,066995847	1,940240081
6,72E-05	0,000135866	0	0	Inf
8,06E-05	0,000162908	0	0	Inf
0,000111405	0	0,000482756	0	NaN
0,000322764	0,000652701	0	0	Inf
0,005869233	0,001455188	0	0,018744669	0,077632094
0,000654647	0,000283411	0,000482756	0,001467261	0,193156223
0,000222555	0,000450055	0	0	Inf
6,02E-05	0	0	0,000219046	0
0,001367484	0,000282625	0,003645766	0,001406472	0,200946119
4,85E-05	9,81E-05	0	0	Inf
0,000160964	0,0002442	0	0,000146349	1,668620269
0,000159613	7,59E-05	0	0,000444444	0,170683416
0,00054551	0	0,000965512	0,001174628	0
0,000290024	0	0,000980926	0,000231709	0
0,00022236	0,000449661	0	0	Inf
0,002333158	0,000986585	0,003866389	0,003469075	0,284394383
0,000296195	0,000598971	0	0	Inf
0,000175385	0,000354667	0	0	Inf
0,000280597	0	0,000490463	0,000609385	0
0,000248311	0,00050214	0	0	Inf
0,000216511	0	0,000938214	0	NaN
0,00016749	0	0,000725789	0	NaN
6,69E-05	0	0	0,000243487	0
0,000103241	0	0	0,000375799	0
0,00202353	0,001590127	0,003595375	0,001483307	1,072015004
0,023728919	0,028197406	0,042170859	0,000194411	145,040408
0,000196654	0	0,000852166	0	NaN
0,00014837	0,000300037	0	0	Inf
0,000294981	0	0,001278249	0	NaN
0,000162499	0	0,000704163	0	NaN
5,85E-05	0,000118222	0	0	Inf
0,000193782	0,000150884	0	0,000433777	0,347838333
0,000136628	0	0	0,000497327	0
0,00022236	0,000449661	0	0	Inf
6,01E-05	0,000121533	0	0	Inf
0,00029427	0,000595079	0	0	Inf

7,94E-05	0	0	0,000289184	0
0,000196654	0	0,000852166	0	NaN
0,000103241	0	0	0,000375799	0
0,000154862	0	0	0,000563698	0
0,000375946	0,000302338	0,000635768	0,000290192	1,041855161
7,42E-05	0,000150018	0	0	Inf
3,940131246	2,817291047	6,00085309	4,230237254	0,665988898
0,000296128	0,000132607	0,000709197	0,000243487	0,544615507
0,002518612	0,003107431	0,002998471	0,001055657	2,943600021
0,000355238	0,000150884	0	0,001021473	0,147712351
0,000103241	0	0	0,000375799	0
0,000483145	0,000201316	0,000268443	0,001170789	0,171948685
4,07E-05	0	0	0,000148148	0
6,02E-05	0	0	0,000219046	0
0,000189335	0	0,000820452	0	NaN
0,000174005	0,000135866	0	0,000388821	0,349430043
8,14E-05	0	0	0,000296296	0
0,000103241	0	0	0,000375799	0
0,000603256	0,001002394	0	0,000391543	2,560113246
0,000153918	0,000311257	0	0	Inf
21,44368801	19,85588719	20,0231859	25,49495125	0,778816441
0,000756828	0,001317882	0,000455554	0	Inf
0,000162499	0	0,000704163	0	NaN
0,000127313	0	0	0,000463419	0
0,000241517	0,0004884	0	0	Inf
0,000296877	0,000155629	0,000575735	0,000316882	0,491125273
8,14E-05	0	0	0,000296296	0
0,000193981	0,000392272	0	0	Inf
0,000144907	0,000293034	0	0	Inf
0,000144907	0,000293034	0	0	Inf
6,56E-05	0,000132607	0	0	Inf
0,000136628	0	0	0,000497327	0
0,002275044	0,000468711	0,007659093	0,00100384	0,466918421
0,001055614	0,001835882	0	0,000537848	3,413384312

polvsHC	shared
0,468084199	nsh
1,125541285	sh
1,25298552	nsh
1,257724932	nsh
0,735217991	nsh
2,324319378	nsh
0,828655113	nsh
0,435284886	nsh
0,890552758	nsh
0,939567904	nsh
0,94	nsh
NaN	nsh
1,52	nsh
4,90	nsh
6,02	nsh
2,86	nsh
1,95	sh
0,82	sh
25,19	nsh
5,11	nsh
0,99	sh
8,67	nsh
3,623210207	nsh
5,620614345	nsh
46,17765329	nsh
0,392332045	nsh
13,71968903	nsh
4,773912768	nsh
24,95663652	nsh
1,180010657	nsh
2,337287797	sh
1,990865071	nsh
10,21555669	nsh
12,34799276	nsh
1,263515627	sh
5,620757328	nsh
15,54484688	nsh
3,457534173	nsh
0,519560426	nsh
7,590449591	nsh
0,609328337	nsh
11,12241925	nsh
Inf	nsh
8,425648229	nsh
1,198855219	sh
Inf	nsh
7,897388648	nsh
7,803108628	nsh

8,803833563	nsh
0,531754438	nsh
5,418193601	nsh
6,216414905	nsh
Inf	nsh
2,000201924	nsh
8,057843958	nsh
2,918762384	nsh
16,41519337	nsh
13,70746484	nsh
18,0701407	nsh
23,17367855	nsh
7,594177597	nsh
8,07008936	nsh
1,349212781	nsh
0	nsh
0,716961629	nsh
2,09069763	nsh
0,407709967	nsh
0,813975824	nsh
2,66691996	nsh
28,31821961	nsh
0,588487802	nsh
1,245111305	nsh
Inf	nsh
Inf	nsh
Inf	nsh
6,797015667	nsh
9,680985198	nsh
1,77201321	nsh
2,145183117	nsh
0	nsh
2,510836724	nsh
Inf	nsh
9,059258765	nsh
Inf	nsh
2,260280814	nsh
0	nsh
21,87015668	nsh
0,473397493	sh
Inf	nsh
1,09767162	nsh
0,880993481	sh
NaN	nsh
2,511150232	nsh
8,305208991	nsh
2,136501052	nsh
17,67646179	nsh
35,13692018	nsh
Inf	nsh

0,263358605	nsh
Inf	nsh
4,203285736	nsh
44,29929682	nsh
Inf	nsh
9,424264295	nsh
Inf	nsh
2,038282821	nsh
NaN	nsh
29,06823147	nsh
NaN	nsh
0,658517948	nsh
1,742324583	nsh
1,199627971	nsh
1,308842101	nsh
8,033037347	nsh
0,567431433	nsh
1,088134874	nsh
Inf	nsh
0	nsh
1,037734489	nsh
7,473707576	nsh
0	nsh
Inf	nsh
1,117776493	nsh
Inf	nsh
Inf	nsh
11,80199319	nsh
Inf	nsh
17,86895968	nsh
Inf	nsh
0,440641084	nsh
1,200811416	nsh
NaN	nsh
1,9388875	nsh
0	nsh
1,054475298	nsh
1,461065609	nsh
8,21457218	nsh
22,508837	nsh
1,750566443	nsh
Inf	nsh
Inf	nsh
Inf	nsh
Inf	nsh
0	nsh
Inf	nsh
0,390844003	nsh
0,825534768	sh
Inf	nsh

2,470784865	nsh
0	nsh
0,726100839	nsh
6,786914483	nsh
0,668422282	nsh
2,081141647	nsh
0,762926092	sh
Inf	nsh
0,367384878	sh
0	nsh
1,865529617	nsh
0	nsh
Inf	nsh
1,036179867	sh
2,202952512	nsh
1,547022655	nsh
2,276513935	nsh
0	nsh
Inf	nsh
36,24072269	nsh
159,5642151	nsh
10,525862	nsh
Inf	nsh
0,535589952	sh
Inf	nsh
NaN	nsh
NaN	nsh
Inf	nsh
1,729162248	nsh
Inf	nsh
0	nsh
NaN	nsh
2,16597139	nsh
2,693579226	nsh
Inf	nsh
0,718325322	nsh
3,981783742	nsh
3,051037516	nsh
0	nsh
0,297800868	nsh
NaN	nsh
Inf	nsh
0,724070149	nsh
0,412811408	nsh
1,801452354	nsh
Inf	nsh
1,757485794	nsh
Inf	nsh
0,127715498	nsh
Inf	nsh

6,504186234	nsh
Inf	nsh
0	nsh
0	nsh
5,24068391	nsh
9,66813963	nsh
1,140667915	nsh
NaN	nsh
Inf	nsh
1,48707781	nsh
0,295832827	nsh
NaN	nsh
Inf	nsh
0,699035146	nsh
1,333644804	nsh
2,183964094	nsh
Inf	nsh
7,824239598	nsh
1,455734953	nsh
0,712239365	nsh
1,23208992	nsh
Inf	nsh
1,073164061	nsh
0,392387832	nsh
NaN	nsh
0,848419245	nsh
1,748836069	nsh
NaN	nsh
1,349642572	nsh
2,758259432	nsh
NaN	nsh
Inf	nsh
0,285750422	nsh
1,790457042	nsh
NaN	nsh
0,233344586	nsh
Inf	nsh
8,156279543	nsh
0,972813174	nsh
Inf	nsh
NaN	nsh
Inf	nsh
0,195899498	nsh
1,4555025	nsh
0,401183417	nsh
Inf	nsh
Inf	nsh
0,532068115	nsh
NaN	nsh
Inf	nsh

NaN	nsh
1,206235934	nsh
0	nsh
1,046737039	nsh
0,670371383	nsh
0	nsh
0,963365256	nsh
0,245236907	nsh
NaN	nsh
11,43213333	nsh
Inf	nsh
0	nsh
5,095749302	nsh
0,446418696	nsh
NaN	nsh
13,92152884	nsh
NaN	nsh
1,34128087	nsh
Inf	nsh
0,269539608	nsh
NaN	nsh
0,598096251	nsh
1,085872828	sh
0,454822032	nsh
0,749351138	nsh
1,858167199	nsh
0,941120627	nsh
13,86471205	nsh
26,7900782	nsh
NaN	nsh
1,016681037	nsh
Inf	nsh
5,275035151	nsh
0,847579932	nsh
0,244485345	nsh
Inf	nsh
1,483821907	nsh
1,287227256	nsh
Inf	nsh
1,114420792	nsh
5,676450977	nsh
0	nsh
Inf	nsh
1,323742657	nsh
6,867327859	nsh
Inf	nsh
Inf	nsh
Inf	nsh
0	nsh
NaN	nsh

Inf	nsh
0	nsh
2,791657682	nsh
0,273848414	nsh
15,65023552	nsh
0,261202538	nsh
Inf	nsh
0,450589682	nsh
1,1699641	nsh
NaN	nsh
NaN	nsh
7,550124052	nsh
0,97662896	nsh
0,710509321	nsh
2,153891508	nsh
2,874516329	nsh
NaN	nsh
6,023317836	nsh
0,51704073	nsh
2,439308837	nsh
NaN	nsh
NaN	nsh
2,96035316	nsh
2,316223862	nsh
Inf	nsh
NaN	nsh
Inf	nsh
2,204338173	nsh
5,823373987	nsh
0,17919376	nsh
0,523878152	nsh
2,73770917	nsh
0,319044668	nsh
0,06205379	nsh
0,821155426	nsh
10,80760375	nsh
NaN	nsh
2,713221489	nsh
1,526049901	nsh
0,259288514	nsh
6,218387656	nsh
0,452497704	nsh
Inf	nsh
0,895697798	nsh
0,458277563	nsh
4,049978749	nsh
Inf	nsh
NaN	nsh
0,269918911	nsh
0,152753943	nsh

0	nsh
0	nsh
Inf	nsh
1,303634151	nsh
NaN	nsh
NaN	nsh
0,095604456	nsh
11,73603977	nsh
Inf	nsh
NaN	nsh
0,251188161	nsh
Inf	nsh
11,54665994	nsh
0	nsh
1,140397842	nsh
Inf	nsh
Inf	nsh
NaN	nsh
0	nsh
0,197490195	nsh
0,06068696	nsh
1,650131157	nsh
1,510726839	nsh
Inf	nsh
Inf	nsh
0,714908098	nsh
0	nsh
1,010480606	nsh
Inf	nsh
Inf	nsh
2,43221211	nsh
Inf	nsh
1,383114176	nsh
NaN	nsh
0,654076059	nsh
Inf	nsh
1,693172789	nsh
NaN	nsh
1,011091393	nsh
Inf	nsh
0,260238953	nsh
0,704664565	nsh
Inf	nsh
0,789150975	nsh
1,361400864	nsh
1,853827556	nsh
1,42607918	nsh
Inf	nsh
0	nsh
0	nsh

0	nsh
0	nsh
0	nsh
2,646544222	nsh
1,281206885	nsh
0,810306675	nsh
0,471326062	nsh
Inf	nsh
Inf	nsh
Inf	nsh
NaN	nsh
0,308904668	nsh
0	nsh
8,33115278	nsh
0,847608495	nsh
0,412827884	nsh
2,652367318	nsh
0,503157778	nsh
Inf	nsh
1,450886884	nsh
1,695438206	nsh
1,264379314	nsh
0,221674671	nsh
1,679186054	nsh
Inf	nsh
1,261372496	nsh
0,617799706	nsh
2,502545491	nsh
NaN	nsh
0,929281673	nsh
1,099065474	nsh
1,075658133	nsh
NaN	nsh
4,103625572	nsh
6,13958632	nsh
0	nsh
0,100354032	nsh
0	nsh
1,812564547	nsh
Inf	nsh
NaN	nsh
1,20414716	nsh
0,588531103	nsh
0,777054552	nsh
6,449594412	nsh
2,725098086	nsh
Inf	nsh
0,526312663	nsh
0	nsh
0	nsh

0,464377756	nsh
4,408002853	nsh
NaN	nsh
0,384242867	nsh
Inf	nsh
Inf	nsh
1,701727907	nsh
1,602291806	nsh
0,404637948	nsh
0,466715831	nsh
0,66971072	nsh
NaN	nsh
0,306933656	nsh
0	nsh
0,082304242	nsh
Inf	nsh
1,318584087	nsh
6,625276438	nsh
1,413707526	nsh
1,058357734	nsh
Inf	nsh
3,248410419	nsh
0	nsh
Inf	nsh
0	nsh
1,394701458	nsh
1,664896552	nsh
Inf	nsh
3,051037516	nsh
0,160990147	nsh
0	nsh
0	nsh
0	nsh
13,78884611	nsh
0	nsh
0	nsh
Inf	nsh
0	nsh
0	nsh
Inf	nsh
0	nsh
NaN	nsh
Inf	nsh
0,029199789	nsh
NaN	nsh
0	nsh
Inf	nsh
Inf	nsh
1,917561034	nsh
2,691564842	nsh

NaN	nsh
0	nsh
0,51055975	nsh
0,453046325	nsh
NaN	nsh
NaN	nsh
Inf	nsh
0,061162692	nsh
NaN	nsh
Inf	nsh
NaN	nsh
1,039121951	nsh
0	nsh
0	nsh
0,325202504	nsh
NaN	nsh
0,49469656	nsh
Inf	nsh
0,372345366	nsh
14,39262443	nsh
Inf	nsh
0	nsh
NaN	nsh
3,051037516	nsh
1,325578938	nsh
0,362292186	nsh
Inf	nsh
NaN	nsh
2,743817153	nsh
Inf	nsh
Inf	nsh
0	nsh
NaN	nsh
NaN	nsh
3,704096194	nsh
NaN	nsh
0,704660902	nsh
NaN	nsh
0	nsh
0,809818417	nsh
NaN	nsh
NaN	nsh
Inf	nsh
NaN	nsh
0,135319497	nsh
2,028920317	nsh
Inf	nsh
0,605046205	nsh
NaN	nsh
NaN	nsh

NaN	nsh
NaN	nsh
1,031133831	nsh
NaN	nsh
2,974997078	nsh
4,181704636	nsh
7,935932201	nsh
Inf	nsh
Inf	nsh
2,873795269	nsh
1,202703672	nsh
Inf	nsh
2,115268428	nsh
0	nsh
0,403098516	nsh
0,463704415	nsh
NaN	nsh
Inf	nsh
0	nsh
1,36715303	nsh
1,99573308	nsh
0,381220881	nsh
Inf	nsh
1,90171961	nsh
12,83769817	nsh
0,646695047	nsh
86,28972019	nsh
3,127585525	nsh
NaN	nsh
0,224901966	nsh
NaN	nsh
3,933997732	nsh
Inf	nsh
1,836269404	nsh
0,953756609	nsh
0	nsh
1,206733696	nsh
0	nsh
1,78987184	nsh
NaN	nsh
NaN	nsh
0	nsh
NaN	nsh
Inf	nsh
Inf	nsh
0,549826499	nsh
0,797846877	nsh
0,09354195	nsh
6,454523968	nsh
Inf	nsh

Inf	nsh
NaN	nsh
1,142194849	nsh
0,474289347	nsh
0,324140422	nsh
0,287053672	nsh
1,371205227	nsh
NaN	nsh
Inf	nsh
1,867592802	nsh
NaN	nsh
Inf	nsh
2,184391605	nsh
0,065312964	nsh
1,404035309	nsh
2,544728551	nsh
4,004093435	nsh
1,282688648	nsh
NaN	nsh
NaN	nsh
1,369315571	nsh
0,489157111	nsh
Inf	nsh
3,3387402	nsh
Inf	nsh
2,263012372	nsh
0,897326273	nsh
2,229623419	nsh
Inf	nsh
NaN	nsh
NaN	nsh
NaN	nsh
NaN	nsh
Inf	nsh
0	nsh
Inf	nsh
NaN	nsh
2,507455936	nsh
0	nsh
0	nsh
0	nsh
1,609143509	nsh
6,37129585	nsh
0,069537638	nsh
NaN	nsh
0,044443542	nsh
NaN	nsh
0	nsh
Inf	nsh
NaN	nsh

0	nsh
NaN	nsh
Inf	nsh
0	nsh
0	nsh
4,247205841	nsh
0,684872955	nsh
0,052689804	nsh
NaN	nsh
0	nsh
0	nsh
Inf	nsh
NaN	nsh
19,00287292	nsh
NaN	nsh
8,716495293	nsh
Inf	nsh
NaN	nsh
NaN	nsh
Inf	nsh
NaN	nsh
0	nsh
0	nsh
1,079542252	nsh
Inf	nsh
0,352784082	nsh
Inf	nsh
1,97775585	nsh
0,481524431	nsh
Inf	nsh
1,344611753	nsh
0,192658596	nsh
0	nsh
0,692126296	nsh
0,916004975	nsh
6,959760486	nsh
0,690811526	nsh
5,146131495	nsh
NaN	nsh
0,109367643	nsh
Inf	nsh
3,310624899	nsh
Inf	nsh
0,693969952	nsh
0	nsh
Inf	nsh
0,458567214	nsh
0,360288364	nsh
Inf	nsh
Inf	nsh

8,029554823	nsh
NaN	nsh
1,992236508	nsh
NaN	nsh
7,643026499	nsh
0	nsh
0,719570698	nsh
3,741336902	nsh
0	nsh
NaN	nsh
0,562236207	nsh
0	nsh
NaN	nsh
1,877737367	sh
NaN	nsh
NaN	nsh
Inf	nsh
NaN	nsh
0	nsh
0,329018498	nsh
NaN	nsh
0	nsh
2,592136426	nsh
NaN	nsh
0	nsh
0	nsh
0,821972476	nsh
4,233430935	nsh
NaN	nsh
1,11453019	nsh
NaN	nsh
NaN	nsh
0,804849698	nsh
NaN	nsh
Inf	nsh
Inf	nsh
0	nsh
0	nsh
2,423891978	nsh
216,9163576	nsh
Inf	nsh
NaN	nsh
Inf	nsh
Inf	nsh
NaN	nsh
0	nsh
0	nsh
NaN	nsh
NaN	nsh
NaN	nsh

0	nsh
Inf	nsh
0	nsh
0	nsh
2,190857651	nsh
NaN	nsh
1,418561828	sh
2,912673	nsh
2,840385116	nsh
0	nsh
0	nsh
0,229283607	nsh
0	nsh
0	nsh
Inf	nsh
0	nsh
0	nsh
0	nsh
0	nsh
NaN	nsh
0,785378473	sh
Inf	nsh
Inf	nsh
0	nsh
NaN	nsh
1,816875946	nsh
0	nsh
NaN	nsh
NaN	nsh
NaN	nsh
NaN	nsh
0	nsh
7,629794051	nsh
0	nsh