

Table S1. The taxonomic information including OTU identifiers represented in this study.

OTU identifier	Kingdom	Phylum	Class	Order	Family	Genus	Species
309271	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
1129121	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
101837	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
340298	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
338106	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
231911	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
232752	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
327536	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
109247	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
2914203	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
313351	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
2100829	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
148456	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
296128	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
1124799	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
106991	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
228252	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
2345806	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
1109647	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
340216	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
103868	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
1106681	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
106539	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
2224034	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
1663335	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
3439	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
1139492	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
317794	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
2986479	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
227965	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
316785	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
332009	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
308629	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
2140618	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
347310	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__

337487	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
587648	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
361839	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
348903	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
4477200	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
560496	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
4150879	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
576419	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
4322607	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
589152	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
660336	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
4411706	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
532823	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
718321	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
549748	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
354695	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
585911	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
358682	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
583758	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
592855	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
4334010	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
38733	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
607386	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
4402734	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
4479504	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
579531	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
4315885	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
347931	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
564099	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
4350498	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
590936	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
549656	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
574920	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
569835	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
532888	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
4350193	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
367949	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__

4408667	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.CleanUp.ReferenceOTU101748	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
760006	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.ReferenceOTU586	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.ReferenceOTU293	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.CleanUp.ReferenceOTU101573	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.CleanUp.ReferenceOTU100643	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.ReferenceOTU442	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.ReferenceOTU285	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.CleanUp.ReferenceOTU102069	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
833871	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
893745	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.ReferenceOTU124	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.CleanUp.ReferenceOTU102252	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.CleanUp.ReferenceOTU101835	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.CleanUp.ReferenceOTU10206	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.CleanUp.ReferenceOTU101622	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.ReferenceOTU423	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.CleanUp.ReferenceOTU102390	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.CleanUp.ReferenceOTU100419	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.CleanUp.ReferenceOTU100670	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
865146	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.ReferenceOTU386	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
929908	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.CleanUp.ReferenceOTU10187	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.CleanUp.ReferenceOTU101643	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.CleanUp.ReferenceOTU100284	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
91725	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
988157	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
827921	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
817300	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.CleanUp.ReferenceOTU101412	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.CleanUp.ReferenceOTU100616	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.CleanUp.ReferenceOTU100278	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.ReferenceOTU369	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.ReferenceOTU501	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.ReferenceOTU500	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__

834289	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.ReferenceOTU8	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
795504	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.CleanUp.ReferenceOTU101246	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.ReferenceOTU374	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.ReferenceOTU32	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.CleanUp.ReferenceOTU101504	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.CleanUp.ReferenceOTU101611	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.CleanUp.ReferenceOTU101051	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
746239	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.ReferenceOTU23	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.CleanUp.ReferenceOTU102513	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.CleanUp.ReferenceOTU101261	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.ReferenceOTU532	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
833743	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
786099	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.CleanUp.ReferenceOTU101378	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.CleanUp.ReferenceOTU101025	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.CleanUp.ReferenceOTU101152	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.ReferenceOTU43	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.ReferenceOTU246	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
825656	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
765141	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.CleanUp.ReferenceOTU100685	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.ReferenceOTU95	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.ReferenceOTU304	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
816408	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.CleanUp.ReferenceOTU10118	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.ReferenceOTU475	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.ReferenceOTU272	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.ReferenceOTU275	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.ReferenceOTU68	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
891804	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.ReferenceOTU88	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.ReferenceOTU315	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.CleanUp.ReferenceOTU100196	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__
New.ReferenceOTU260	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Stramenopiles	f__	g__	s__

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339760	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
245677	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
227866	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
233950	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
327275	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
347853	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
234239	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
337256	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
303711	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
236651	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
316736	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
1115987	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
11266	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
317449	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
237131	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
314474	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
320821	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
313798	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
123788	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
317827	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
243903	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
277092	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
247781	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
1813089	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
111046	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
344370	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
320613	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
325795	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
230073	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
329097	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
263385	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
347218	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
127587	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
336620	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
344865	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
124774	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
289355	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__

304842	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
1108577	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
1111111	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
546944	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
60649	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
4447845	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
580691	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
567945	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
578143	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
60654	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
632133	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
354873	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
581316	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
355527	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
544626	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
538884	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
4184607	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
4357016	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
354693	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
543882	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
632126	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
4453874	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
593229	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
592269	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
4382994	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
352252	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
349161	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
4425766	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
583912	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
546060	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
356368	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
644018	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
550871	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
New.CleanUp.ReferenceOTU10007	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
830414	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
New.ReferenceOTU103	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__
New.CleanUp.ReferenceOTU101802	k__Bacteria	p__Proteobacteria	c__Alphaproteobacteria	o__	f__	g__	s__

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1897002	k_Bacteria	p_Planctomycetes	c_Planctomycetia	o_Pirellulales	f_Pirellulaceae	g_	s_
2777	k_Bacteria	p_Planctomycetes	c_Planctomycetia	o_Pirellulales	f_Pirellulaceae	g_	s_
173437	k_Bacteria	p_Planctomycetes	c_Planctomycetia	o_Pirellulales	f_Pirellulaceae	g_	s_
246979	k_Bacteria	p_Planctomycetes	c_Planctomycetia	o_Pirellulales	f_Pirellulaceae	g_	s_
1111513	k_Bacteria	p_Planctomycetes	c_Planctomycetia	o_Pirellulales	f_Pirellulaceae	g_	s_
263866	k_Bacteria	p_Planctomycetes	c_Planctomycetia	o_Pirellulales	f_Pirellulaceae	g_	s_
3423659	k_Bacteria	p_Planctomycetes	c_Planctomycetia	o_Pirellulales	f_Pirellulaceae	g_	s_
167808	k_Bacteria	p_Planctomycetes	c_Planctomycetia	o_Pirellulales	f_Pirellulaceae	g_	s_
150691	k_Bacteria	p_Planctomycetes	c_Planctomycetia	o_Pirellulales	f_Pirellulaceae	g_	s_
245163	k_Bacteria	p_Planctomycetes	c_Planctomycetia	o_Pirellulales	f_Pirellulaceae	g_	s_
3390990	k_Bacteria	p_Planctomycetes	c_Planctomycetia	o_Pirellulales	f_Pirellulaceae	g_	s_
2793	k_Bacteria	p_Planctomycetes	c_Planctomycetia	o_Pirellulales	f_Pirellulaceae	g_	s_
252268	k_Bacteria	p_Planctomycetes	c_Planctomycetia	o_Pirellulales	f_Pirellulaceae	g_	s_
2813	k_Bacteria	p_Planctomycetes	c_Planctomycetia	o_Pirellulales	f_Pirellulaceae	g_	s_
4393300	k_Bacteria	p_Planctomycetes	c_Planctomycetia	o_Pirellulales	f_Pirellulaceae	g_	s_
69770	k_Bacteria	p_Planctomycetes	c_Planctomycetia	o_Pirellulales	f_Pirellulaceae	g_	s_
539493	k_Bacteria	p_Planctomycetes	c_Planctomycetia	o_Pirellulales	f_Pirellulaceae	g_	s_
4323373	k_Bacteria	p_Planctomycetes	c_Planctomycetia	o_Pirellulales	f_Pirellulaceae	g_	s_
4408871	k_Bacteria	p_Planctomycetes	c_Planctomycetia	o_Pirellulales	f_Pirellulaceae	g_	s_
4460376	k_Bacteria	p_Planctomycetes	c_Planctomycetia	o_Pirellulales	f_Pirellulaceae	g_	s_
591115	k_Bacteria	p_Planctomycetes	c_Planctomycetia	o_Pirellulales	f_Pirellulaceae	g_	s_
4319491	k_Bacteria	p_Planctomycetes	c_Planctomycetia	o_Pirellulales	f_Pirellulaceae	g_	s_
4102516	k_Bacteria	p_Planctomycetes	c_Planctomycetia	o_Pirellulales	f_Pirellulaceae	g_	s_
628299	k_Bacteria	p_Planctomycetes	c_Planctomycetia	o_Pirellulales	f_Pirellulaceae	g_	s_
4420326	k_Bacteria	p_Planctomycetes	c_Planctomycetia	o_Pirellulales	f_Pirellulaceae	g_	s_
4436883	k_Bacteria	p_Planctomycetes	c_Planctomycetia	o_Pirellulales	f_Pirellulaceae	g_	s_
3887094	k_Bacteria	p_Planctomycetes	c_Planctomycetia	o_Pirellulales	f_Pirellulaceae	g_	s_
4095168	k_Bacteria	p_Planctomycetes	c_Planctomycetia	o_Pirellulales	f_Pirellulaceae	g_	s_
4437176	k_Bacteria	p_Planctomycetes	c_Planctomycetia	o_Pirellulales	f_Pirellulaceae	g_	s_
569946	k_Bacteria	p_Planctomycetes	c_Planctomycetia	o_Pirellulales	f_Pirellulaceae	g_	s_
586939	k_Bacteria	p_Planctomycetes	c_Planctomycetia	o_Pirellulales	f_Pirellulaceae	g_	s_
543167	k_Bacteria	p_Planctomycetes	c_Planctomycetia	o_Pirellulales	f_Pirellulaceae	g_	s_
693641	k_Bacteria	p_Planctomycetes	c_Planctomycetia	o_Pirellulales	f_Pirellulaceae	g_	s_
399640	k_Bacteria	p_Planctomycetes	c_Planctomycetia	o_Pirellulales	f_Pirellulaceae	g_	s_
4417972	k_Bacteria	p_Planctomycetes	c_Planctomycetia	o_Pirellulales	f_Pirellulaceae	g_	s_
4423663	k_Bacteria	p_Planctomycetes	c_Planctomycetia	o_Pirellulales	f_Pirellulaceae	g_	s_
531452	k_Bacteria	p_Planctomycetes	c_Planctomycetia	o_Pirellulales	f_Pirellulaceae	g_	s_

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New.CleanUp.ReferenceOTU96512	k__Bacteria	p__Planctomycetes	c__Planctomycetia	o__Pirellulales	f__Pirellulaceae	g__	s__
New.CleanUp.ReferenceOTU96173	k__Bacteria	p__Planctomycetes	c__Planctomycetia	o__Pirellulales	f__Pirellulaceae	g__	s__
New.CleanUp.ReferenceOTU95997	k__Bacteria	p__Planctomycetes	c__Planctomycetia	o__Pirellulales	f__Pirellulaceae	g__	s__
New.CleanUp.ReferenceOTU97761	k__Bacteria	p__Planctomycetes	c__Planctomycetia	o__Pirellulales	f__Pirellulaceae	g__	s__
2380278	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
1524871	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
250570	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
2383442	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
1100313	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
1642861	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
1014380	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
112246	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
110525	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group III	g__	s__
104364	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
1547121	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
147038	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
146866	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
2775893	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
149368	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
2781721	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
285041	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
147786	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
1921157	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
4032754	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
4394385	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
4324777	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
3597424	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
4462888	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
4462887	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
3733204	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
4418192	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
4394387	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
4428688	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
351294	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
688231	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
New.CleanUp.ReferenceOTU101434	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
New.ReferenceOTU143	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__

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New.CleanUp.ReferenceOTU80753	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
New.CleanUp.ReferenceOTU78683	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
New.CleanUp.ReferenceOTU80677	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
New.CleanUp.ReferenceOTU90852	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
New.CleanUp.ReferenceOTU8595	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
New.CleanUp.ReferenceOTU89845	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
New.CleanUp.ReferenceOTU91083	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
New.CleanUp.ReferenceOTU90747	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
New.CleanUp.ReferenceOTU88613	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
New.CleanUp.ReferenceOTU9046	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
New.CleanUp.ReferenceOTU92475	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
New.CleanUp.ReferenceOTU92402	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
New.CleanUp.ReferenceOTU87627	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
New.CleanUp.ReferenceOTU98302	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
New.CleanUp.ReferenceOTU92972	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
New.CleanUp.ReferenceOTU95067	k__Archaea	p__Euryarchaeota	c__Thermoplasmata	o__E2	f__Marine group II	g__	s__
127240	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__ZA3312c	s__
227717	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__ZA3312c	s__
229118	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__ZA3312c	s__
830400	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__ZA3312c	s__
New.ReferenceOTU142	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__ZA3312c	s__
79575	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__ZA3312c	s__
New.CleanUp.ReferenceOTU100469	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__ZA3312c	s__
822413	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__ZA3312c	s__
New.CleanUp.ReferenceOTU104087	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__ZA3312c	s__
New.CleanUp.ReferenceOTU109410	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__ZA3312c	s__
New.CleanUp.ReferenceOTU105350	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__ZA3312c	s__
New.CleanUp.ReferenceOTU107229	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__ZA3312c	s__
New.CleanUp.ReferenceOTU108497	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__ZA3312c	s__
New.CleanUp.ReferenceOTU106241	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__ZA3312c	s__
New.CleanUp.ReferenceOTU107272	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__ZA3312c	s__
New.CleanUp.ReferenceOTU104206	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__ZA3312c	s__
New.CleanUp.ReferenceOTU109806	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__ZA3312c	s__
New.CleanUp.ReferenceOTU106929	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__ZA3312c	s__
New.CleanUp.ReferenceOTU115134	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__ZA3312c	s__
New.CleanUp.ReferenceOTU116038	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__ZA3312c	s__
New.CleanUp.ReferenceOTU116463	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__ZA3312c	s__

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New.CleanUp.ReferenceOTU86945	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__ZA3312c	s__
New.CleanUp.ReferenceOTU89129	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__ZA3312c	s__
New.CleanUp.ReferenceOTU94505	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__ZA3312c	s__
New.CleanUp.ReferenceOTU93423	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__ZA3312c	s__
New.CleanUp.ReferenceOTU9991	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__ZA3312c	s__
New.CleanUp.ReferenceOTU99414	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__ZA3312c	s__
New.CleanUp.ReferenceOTU95199	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__ZA3312c	s__
1712364	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Oceanospirillales	f__	g__	s__
1112543	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Oceanospirillales	f__	g__	s__
257069	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Oceanospirillales	f__	g__	s__
274135	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Oceanospirillales	f__	g__	s__
213080	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Oceanospirillales	f__	g__	s__
255543	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Oceanospirillales	f__	g__	s__
247229	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Oceanospirillales	f__	g__	s__
582861	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Oceanospirillales	f__	g__	s__
581514	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Oceanospirillales	f__	g__	s__
354518	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Oceanospirillales	f__	g__	s__
547808	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Oceanospirillales	f__	g__	s__
535589	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Oceanospirillales	f__	g__	s__
589767	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Oceanospirillales	f__	g__	s__
573691	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Oceanospirillales	f__	g__	s__
559320	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Oceanospirillales	f__	g__	s__
542922	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Oceanospirillales	f__	g__	s__
722984	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Oceanospirillales	f__	g__	s__
573977	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Oceanospirillales	f__	g__	s__
4306324	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Oceanospirillales	f__	g__	s__
567623	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Oceanospirillales	f__	g__	s__
568706	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Oceanospirillales	f__	g__	s__
4481997	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Oceanospirillales	f__	g__	s__
41094	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Oceanospirillales	f__	g__	s__
70494	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Oceanospirillales	f__	g__	s__
New.CleanUp.ReferenceOTU102019	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Oceanospirillales	f__	g__	s__
837781	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Oceanospirillales	f__	g__	s__
New.ReferenceOTU590	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Oceanospirillales	f__	g__	s__
New.ReferenceOTU283	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Oceanospirillales	f__	g__	s__
New.CleanUp.ReferenceOTU102444	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Oceanospirillales	f__	g__	s__
New.CleanUp.ReferenceOTU102016	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Oceanospirillales	f__	g__	s__

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1102212	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Haptophyceae	f__	g__	s__
1799396	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Haptophyceae	f__	g__	s__
229102	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Haptophyceae	f__	g__	s__
233100	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Haptophyceae	f__	g__	s__
229165	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Haptophyceae	f__	g__	s__
229766	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Haptophyceae	f__	g__	s__
3372085	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Haptophyceae	f__	g__	s__
351106	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Haptophyceae	f__	g__	s__
673756	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Haptophyceae	f__	g__	s__
646279	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Haptophyceae	f__	g__	s__
587965	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Haptophyceae	f__	g__	s__
590118	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Haptophyceae	f__	g__	s__
831421	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Haptophyceae	f__	g__	s__
830253	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Haptophyceae	f__	g__	s__
New.CleanUp.ReferenceOTU101128	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Haptophyceae	f__	g__	s__
837770	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Haptophyceae	f__	g__	s__
829438	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Haptophyceae	f__	g__	s__
828880	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Haptophyceae	f__	g__	s__
New.CleanUp.ReferenceOTU101728	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Haptophyceae	f__	g__	s__
837749	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Haptophyceae	f__	g__	s__
New.ReferenceOTU398	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Haptophyceae	f__	g__	s__
826143	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Haptophyceae	f__	g__	s__
New.ReferenceOTU508	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Haptophyceae	f__	g__	s__
New.ReferenceOTU377	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Haptophyceae	f__	g__	s__
833961	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Haptophyceae	f__	g__	s__
New.CleanUp.ReferenceOTU102434	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Haptophyceae	f__	g__	s__
826653	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Haptophyceae	f__	g__	s__
826430	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Haptophyceae	f__	g__	s__
832816	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Haptophyceae	f__	g__	s__
New.CleanUp.ReferenceOTU10485	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Haptophyceae	f__	g__	s__
New.CleanUp.ReferenceOTU106749	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Haptophyceae	f__	g__	s__
New.CleanUp.ReferenceOTU10982	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Haptophyceae	f__	g__	s__
New.CleanUp.ReferenceOTU10543	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Haptophyceae	f__	g__	s__
New.CleanUp.ReferenceOTU103244	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Haptophyceae	f__	g__	s__
New.CleanUp.ReferenceOTU103223	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Haptophyceae	f__	g__	s__
New.CleanUp.ReferenceOTU104016	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Haptophyceae	f__	g__	s__
New.CleanUp.ReferenceOTU106621	k__Bacteria	p__Cyanobacteria	c__Chloroplast	o__Haptophyceae	f__	g__	s__

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553352	k_Bacteria	p_Firmicutes	c_Bacilli	o_Lactobacillales	f_Lactobacillaceae	g_Lactobacillus	s_
536754	k_Bacteria	p_Firmicutes	c_Bacilli	o_Lactobacillales	f_Lactobacillaceae	g_Lactobacillus	s_
433676	k_Bacteria	p_Firmicutes	c_Bacilli	o_Lactobacillales	f_Lactobacillaceae	g_Lactobacillus	s_
463361	k_Bacteria	p_Firmicutes	c_Bacilli	o_Lactobacillales	f_Lactobacillaceae	g_Lactobacillus	s_
549756	k_Bacteria	p_Firmicutes	c_Bacilli	o_Lactobacillales	f_Lactobacillaceae	g_Lactobacillus	s_
3946926	k_Bacteria	p_Firmicutes	c_Bacilli	o_Lactobacillales	f_Lactobacillaceae	g_Lactobacillus	s_
703741	k_Bacteria	p_Firmicutes	c_Bacilli	o_Lactobacillales	f_Lactobacillaceae	g_Lactobacillus	s_
4416659	k_Bacteria	p_Firmicutes	c_Bacilli	o_Lactobacillales	f_Lactobacillaceae	g_Lactobacillus	s_
577716	k_Bacteria	p_Firmicutes	c_Bacilli	o_Lactobacillales	f_Lactobacillaceae	g_Lactobacillus	s_
463794	k_Bacteria	p_Firmicutes	c_Bacilli	o_Lactobacillales	f_Lactobacillaceae	g_Lactobacillus	s_
538223	k_Bacteria	p_Firmicutes	c_Bacilli	o_Lactobacillales	f_Lactobacillaceae	g_Lactobacillus	s_
589114	k_Bacteria	p_Firmicutes	c_Bacilli	o_Lactobacillales	f_Lactobacillaceae	g_Lactobacillus	s_
456393	k_Bacteria	p_Firmicutes	c_Bacilli	o_Lactobacillales	f_Lactobacillaceae	g_Lactobacillus	s_
4321285	k_Bacteria	p_Firmicutes	c_Bacilli	o_Lactobacillales	f_Lactobacillaceae	g_Lactobacillus	s_
354905	k_Bacteria	p_Firmicutes	c_Bacilli	o_Lactobacillales	f_Lactobacillaceae	g_Lactobacillus	s_
588197	k_Bacteria	p_Firmicutes	c_Bacilli	o_Lactobacillales	f_Lactobacillaceae	g_Lactobacillus	s_
354971	k_Bacteria	p_Firmicutes	c_Bacilli	o_Lactobacillales	f_Lactobacillaceae	g_Lactobacillus	s_
581474	k_Bacteria	p_Firmicutes	c_Bacilli	o_Lactobacillales	f_Lactobacillaceae	g_Lactobacillus	s_
484444	k_Bacteria	p_Firmicutes	c_Bacilli	o_Lactobacillales	f_Lactobacillaceae	g_Lactobacillus	s_
586093	k_Bacteria	p_Firmicutes	c_Bacilli	o_Lactobacillales	f_Lactobacillaceae	g_Lactobacillus	s_
509452	k_Bacteria	p_Firmicutes	c_Bacilli	o_Lactobacillales	f_Lactobacillaceae	g_Lactobacillus	s_
4300206	k_Bacteria	p_Firmicutes	c_Bacilli	o_Lactobacillales	f_Lactobacillaceae	g_Lactobacillus	s_
411486	k_Bacteria	p_Firmicutes	c_Bacilli	o_Lactobacillales	f_Lactobacillaceae	g_Lactobacillus	s_
537734	k_Bacteria	p_Firmicutes	c_Bacilli	o_Lactobacillales	f_Lactobacillaceae	g_Lactobacillus	s_
509149	k_Bacteria	p_Firmicutes	c_Bacilli	o_Lactobacillales	f_Lactobacillaceae	g_Lactobacillus	s_
545371	k_Bacteria	p_Firmicutes	c_Bacilli	o_Lactobacillales	f_Lactobacillaceae	g_Lactobacillus	s_
New.CleanUp.ReferenceOTU102266	k_Bacteria	p_Firmicutes	c_Bacilli	o_Lactobacillales	f_Lactobacillaceae	g_Lactobacillus	s_
New.CleanUp.ReferenceOTU101569	k_Bacteria	p_Firmicutes	c_Bacilli	o_Lactobacillales	f_Lactobacillaceae	g_Lactobacillus	s_
806179	k_Bacteria	p_Firmicutes	c_Bacilli	o_Lactobacillales	f_Lactobacillaceae	g_Lactobacillus	s_
New.ReferenceOTU594	k_Bacteria	p_Firmicutes	c_Bacilli	o_Lactobacillales	f_Lactobacillaceae	g_Lactobacillus	s_
807795	k_Bacteria	p_Firmicutes	c_Bacilli	o_Lactobacillales	f_Lactobacillaceae	g_Lactobacillus	s_
84709	k_Bacteria	p_Firmicutes	c_Bacilli	o_Lactobacillales	f_Lactobacillaceae	g_Lactobacillus	s_
New.ReferenceOTU186	k_Bacteria	p_Firmicutes	c_Bacilli	o_Lactobacillales	f_Lactobacillaceae	g_Lactobacillus	s_
958496	k_Bacteria	p_Firmicutes	c_Bacilli	o_Lactobacillales	f_Lactobacillaceae	g_Lactobacillus	s_
819507	k_Bacteria	p_Firmicutes	c_Bacilli	o_Lactobacillales	f_Lactobacillaceae	g_Lactobacillus	s_
New.CleanUp.ReferenceOTU101529	k_Bacteria	p_Firmicutes	c_Bacilli	o_Lactobacillales	f_Lactobacillaceae	g_Lactobacillus	s_
851794	k_Bacteria	p_Firmicutes	c_Bacilli	o_Lactobacillales	f_Lactobacillaceae	g_Lactobacillus	s_

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New.CleanUp.ReferenceOTU9776	k__Bacteria	p__Firmicutes	c__Bacilli	o__Lactobacillales	f__Lactobacillaceae	g__Lactobacillus	s__
New.CleanUp.ReferenceOTU956	k__Bacteria	p__Firmicutes	c__Bacilli	o__Lactobacillales	f__Lactobacillaceae	g__Lactobacillus	s__
New.CleanUp.ReferenceOTU95113	k__Bacteria	p__Firmicutes	c__Bacilli	o__Lactobacillales	f__Lactobacillaceae	g__Lactobacillus	s__
New.CleanUp.ReferenceOTU95607	k__Bacteria	p__Firmicutes	c__Bacilli	o__Lactobacillales	f__Lactobacillaceae	g__Lactobacillus	s__
New.CleanUp.ReferenceOTU97602	k__Bacteria	p__Firmicutes	c__Bacilli	o__Lactobacillales	f__Lactobacillaceae	g__Lactobacillus	s__
New.CleanUp.ReferenceOTU9908	k__Bacteria	p__Firmicutes	c__Bacilli	o__Lactobacillales	f__Lactobacillaceae	g__Lactobacillus	s__
New.CleanUp.ReferenceOTU93209	k__Bacteria	p__Firmicutes	c__Bacilli	o__Lactobacillales	f__Lactobacillaceae	g__Lactobacillus	s__
New.CleanUp.ReferenceOTU98110	k__Bacteria	p__Firmicutes	c__Bacilli	o__Lactobacillales	f__Lactobacillaceae	g__Lactobacillus	s__
New.CleanUp.ReferenceOTU96610	k__Bacteria	p__Firmicutes	c__Bacilli	o__Lactobacillales	f__Lactobacillaceae	g__Lactobacillus	s__
New.CleanUp.ReferenceOTU9910	k__Bacteria	p__Firmicutes	c__Bacilli	o__Lactobacillales	f__Lactobacillaceae	g__Lactobacillus	s__
New.CleanUp.ReferenceOTU99030	k__Bacteria	p__Firmicutes	c__Bacilli	o__Lactobacillales	f__Lactobacillaceae	g__Lactobacillus	s__
New.CleanUp.ReferenceOTU98126	k__Bacteria	p__Firmicutes	c__Bacilli	o__Lactobacillales	f__Lactobacillaceae	g__Lactobacillus	s__
342801	k__Bacteria	p__Firmicutes	c__Bacilli	o__Lactobacillales	f__Lactobacillaceae	g__Lactobacillus	s__agilis
New.CleanUp.ReferenceOTU78091	k__Bacteria	p__Firmicutes	c__Bacilli	o__Lactobacillales	f__Lactobacillaceae	g__Lactobacillus	s__manihotivorans
338852	k__Bacteria	p__Firmicutes	c__Bacilli	o__Lactobacillales	f__Lactobacillaceae	g__Lactobacillus	s__reuteri
332720	k__Bacteria	p__Firmicutes	c__Bacilli	o__Lactobacillales	f__Lactobacillaceae	g__Lactobacillus	s__reuteri
725198	k__Bacteria	p__Firmicutes	c__Bacilli	o__Lactobacillales	f__Lactobacillaceae	g__Lactobacillus	s__reuteri
355089	k__Bacteria	p__Firmicutes	c__Bacilli	o__Lactobacillales	f__Lactobacillaceae	g__Lactobacillus	s__reuteri
584001	k__Bacteria	p__Firmicutes	c__Bacilli	o__Lactobacillales	f__Lactobacillaceae	g__Lactobacillus	s__reuteri
New.CleanUp.ReferenceOTU10055	k__Bacteria	p__Firmicutes	c__Bacilli	o__Lactobacillales	f__Lactobacillaceae	g__Lactobacillus	s__reuteri
New.CleanUp.ReferenceOTU100325	k__Bacteria	p__Firmicutes	c__Bacilli	o__Lactobacillales	f__Lactobacillaceae	g__Lactobacillus	s__reuteri
New.CleanUp.ReferenceOTU128631	k__Bacteria	p__Firmicutes	c__Bacilli	o__Lactobacillales	f__Lactobacillaceae	g__Lactobacillus	s__reuteri
New.CleanUp.ReferenceOTU186316	k__Bacteria	p__Firmicutes	c__Bacilli	o__Lactobacillales	f__Lactobacillaceae	g__Lactobacillus	s__reuteri
New.CleanUp.ReferenceOTU218772	k__Bacteria	p__Firmicutes	c__Bacilli	o__Lactobacillales	f__Lactobacillaceae	g__Lactobacillus	s__reuteri
New.CleanUp.ReferenceOTU23224	k__Bacteria	p__Firmicutes	c__Bacilli	o__Lactobacillales	f__Lactobacillaceae	g__Lactobacillus	s__reuteri
New.CleanUp.ReferenceOTU25689	k__Bacteria	p__Firmicutes	c__Bacilli	o__Lactobacillales	f__Lactobacillaceae	g__Lactobacillus	s__reuteri
178213	k__Bacteria	p__Firmicutes	c__Bacilli	o__Lactobacillales	f__Lactobacillaceae	g__Lactobacillus	s__ruminis
New.CleanUp.ReferenceOTU147519	k__Bacteria	p__Firmicutes	c__Bacilli	o__Lactobacillales	f__Lactobacillaceae	g__Lactobacillus	s__vaginalis
679245	k__Bacteria	p__Firmicutes	c__Bacilli	o__Lactobacillales	f__Lactobacillaceae	g__Lactobacillus	s__zeae
518033	k__Bacteria	p__Firmicutes	c__Bacilli	o__Lactobacillales	f__Lactobacillaceae	g__Lactobacillus	s__zeae
1113297	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Oceanospirillales	f__Halomonadaceae	g__	s__
156865	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Oceanospirillales	f__Halomonadaceae	g__	s__
4377242	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Oceanospirillales	f__Halomonadaceae	g__	s__
676045	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Oceanospirillales	f__Halomonadaceae	g__	s__
3846492	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Oceanospirillales	f__Halomonadaceae	g__	s__
New.ReferenceOTU449	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Oceanospirillales	f__Halomonadaceae	g__	s__
New.CleanUp.ReferenceOTU100088	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Oceanospirillales	f__Halomonadaceae	g__	s__

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2949920	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
252144	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
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2122726	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
1625448	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
211947	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
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177051	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
238205	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
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290647	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
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304779	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
196346	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
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1133519	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
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338222	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
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248563	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
1788776	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
341134	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
239771	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
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314204	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
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316014	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
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236734	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
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196848	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
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189793	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
325326	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
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337379	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
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182643	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
326569	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
307204	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
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36226	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
524842	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
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4468461	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
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4375710	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
426638	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
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4381092	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
4396656	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
4438951	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
965696	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
843459	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
New.CleanUp.ReferenceOTU101540	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
780650	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__

[illegible]

[illegible]

[illegible]

[illegible]

New.CleanUp.ReferenceOTU92378	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
New.CleanUp.ReferenceOTU98929	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
New.CleanUp.ReferenceOTU99473	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
New.CleanUp.ReferenceOTU93201	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
New.CleanUp.ReferenceOTU9339	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Clostridiaceae	g__	s__
182674	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
1062061	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
329729	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
194320	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
296394	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
194648	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
188348	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
322004	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
309720	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
279534	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
306633	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
191216	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
198151	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
341263	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
194497	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
318190	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
194875	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
177061	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
345118	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
324244	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
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176994	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
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184287	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
336890	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
332831	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
19611	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
194326	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
333363	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
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192323	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
175962	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
166689	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
312628	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
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346370	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
193950	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
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212619	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
1501336	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
321960	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
341024	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
319262	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
337167	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
335816	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
2835813	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
346598	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
1599042	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
190649	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
302144	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
291202	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
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15976	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
347085	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
193679	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
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344523	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
302809	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
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335906	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
339914	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
235212	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
347791	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
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291266	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__

215269	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
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342575	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
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328659	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
210647	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
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253471	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
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186020	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
344329	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
27355	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
196982	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
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267718	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
355450	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
641783	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
559659	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
353982	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
579541	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
560535	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
566155	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
392918	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
564941	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__

362078	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
356245	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
355685	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
359175	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
509723	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
583572	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
4288931	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
357028	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
361966	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
523244	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
375106	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
519246	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
592139	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
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515953	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
350681	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
370086	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
355510	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
359984	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
579462	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
558420	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
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4315789	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
553080	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
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367213	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
720093	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
561607	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
520840	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
46910	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
369109	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
366584	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
365965	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
551902	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
363358	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
4439489	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__
355120	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Ruminococcaceae	g__	s__

350036	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
358639	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
519882	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
558397	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
584951	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
355837	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
712142	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
540055	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
361811	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
580121	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
4315186	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
367946	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
766113	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
870421	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
817995	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
New.ReferenceOTU416	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
958505	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
New.CleanUp.ReferenceOTU101478	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
844006	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
819181	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
New.CleanUp.ReferenceOTU100929	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
887025	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
New.CleanUp.ReferenceOTU102295	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
New.CleanUp.ReferenceOTU104256	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
New.CleanUp.ReferenceOTU10774	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
New.CleanUp.ReferenceOTU114451	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
New.CleanUp.ReferenceOTU115910	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
New.CleanUp.ReferenceOTU11667	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
New.CleanUp.ReferenceOTU113150	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
New.CleanUp.ReferenceOTU112956	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
New.CleanUp.ReferenceOTU112097	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
New.CleanUp.ReferenceOTU11359	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
New.CleanUp.ReferenceOTU123816	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
New.CleanUp.ReferenceOTU120378	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
New.CleanUp.ReferenceOTU118291	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
New.CleanUp.ReferenceOTU120778	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__
New.CleanUp.ReferenceOTU117825	k_Bacteria	p_Firmicutes	c_Clostridia	o_Clostridiales	f_Ruminococcaceae	g__	s__

[illegible]

[illegible]

[illegible]

[illegible]

108482	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
273806	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
295861	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
229459	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
325213	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
1571092	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
262247	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
183169	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
343811	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
1040889	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
318470	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
329712	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
210867	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
210262	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
312490	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
299306	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
249776	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
337403	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
193075	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
276597	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
2368865	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
333426	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
198380	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
195934	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
342786	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
261574	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
271811	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
185961	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
1106861	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
230618	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
322839	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
290338	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
114912	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
214116	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
339133	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
2122024	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
174279	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__

186775	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
323818	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
183517	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
301012	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
192741	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
309441	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
191502	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
185923	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
341007	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
182079	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
295410	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
1110312	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
228232	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
348377	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
516977	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
561312	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
667010	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
4334844	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
540086	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
440840	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
4322275	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
354501	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
583958	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
47100	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
364736	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
537219	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
377946	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
466409	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
725212	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
541354	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
406247	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
531038	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
640999	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
358439	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
552988	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
349372	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
620319	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__

470382	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
529258	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
589852	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
352192	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
352222	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
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357471	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
348404	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
458550	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
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4416396	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
4453903	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
593422	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
530049	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
360158	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
4480176	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
4433876	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
355187	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
668257	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
581003	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
592513	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
566391	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
522961	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
621649	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
360315	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
373928	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
4368944	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
352902	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
577512	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
510377	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
418334	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
4418016	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
453405	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
352049	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
518040	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
356590	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
365484	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__

534042	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
584107	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
560873	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
354854	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
New.CleanUp.ReferenceOTU101586	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
833458	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
754283	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
772972	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
New.CleanUp.ReferenceOTU1003	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
New.ReferenceOTU552	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
899195	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
825939	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
826624	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
798164	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
769075	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
772384	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
New.CleanUp.ReferenceOTU10036	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
New.CleanUp.ReferenceOTU104083	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
New.CleanUp.ReferenceOTU104493	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
New.CleanUp.ReferenceOTU108350	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
New.CleanUp.ReferenceOTU11306	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
New.CleanUp.ReferenceOTU115736	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
New.CleanUp.ReferenceOTU111073	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
New.CleanUp.ReferenceOTU112994	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
New.CleanUp.ReferenceOTU112776	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
New.CleanUp.ReferenceOTU122498	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
New.CleanUp.ReferenceOTU120809	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
New.CleanUp.ReferenceOTU122552	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
New.CleanUp.ReferenceOTU11706	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
New.CleanUp.ReferenceOTU122575	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
New.CleanUp.ReferenceOTU123354	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
New.CleanUp.ReferenceOTU124063	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
New.CleanUp.ReferenceOTU129083	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
New.CleanUp.ReferenceOTU129756	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
New.CleanUp.ReferenceOTU126710	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
New.CleanUp.ReferenceOTU128504	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
New.CleanUp.ReferenceOTU132011	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__

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New.CleanUp.ReferenceOTU91435	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
New.CleanUp.ReferenceOTU87271	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
New.CleanUp.ReferenceOTU88308	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
New.CleanUp.ReferenceOTU91321	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
New.CleanUp.ReferenceOTU96698	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
New.CleanUp.ReferenceOTU97871	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
New.CleanUp.ReferenceOTU96245	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
New.CleanUp.ReferenceOTU96655	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
New.CleanUp.ReferenceOTU99856	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
New.CleanUp.ReferenceOTU96284	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__	g__	s__
336518	k__Bacteria	p__Bacteroidetes	c__Bacteroidia	o__Bacteroidales	f__[Paraprevotellaceae]	g__[Prevotella]	s__
1033345	k__Bacteria	p__Bacteroidetes	c__Bacteroidia	o__Bacteroidales	f__[Paraprevotellaceae]	g__[Prevotella]	s__
20534	k__Bacteria	p__Bacteroidetes	c__Bacteroidia	o__Bacteroidales	f__[Paraprevotellaceae]	g__[Prevotella]	s__
522858	k__Bacteria	p__Bacteroidetes	c__Bacteroidia	o__Bacteroidales	f__[Paraprevotellaceae]	g__[Prevotella]	s__
531596	k__Bacteria	p__Bacteroidetes	c__Bacteroidia	o__Bacteroidales	f__[Paraprevotellaceae]	g__[Prevotella]	s__
3862524	k__Bacteria	p__Bacteroidetes	c__Bacteroidia	o__Bacteroidales	f__[Paraprevotellaceae]	g__[Prevotella]	s__
527408	k__Bacteria	p__Bacteroidetes	c__Bacteroidia	o__Bacteroidales	f__[Paraprevotellaceae]	g__[Prevotella]	s__
4419379	k__Bacteria	p__Bacteroidetes	c__Bacteroidia	o__Bacteroidales	f__[Paraprevotellaceae]	g__[Prevotella]	s__
515074	k__Bacteria	p__Bacteroidetes	c__Bacteroidia	o__Bacteroidales	f__[Paraprevotellaceae]	g__[Prevotella]	s__
527437	k__Bacteria	p__Bacteroidetes	c__Bacteroidia	o__Bacteroidales	f__[Paraprevotellaceae]	g__[Prevotella]	s__
73937	k__Bacteria	p__Bacteroidetes	c__Bacteroidia	o__Bacteroidales	f__[Paraprevotellaceae]	g__[Prevotella]	s__
New.CleanUp.ReferenceOTU167791	k__Bacteria	p__Bacteroidetes	c__Bacteroidia	o__Bacteroidales	f__[Paraprevotellaceae]	g__[Prevotella]	s__
New.CleanUp.ReferenceOTU202971	k__Bacteria	p__Bacteroidetes	c__Bacteroidia	o__Bacteroidales	f__[Paraprevotellaceae]	g__[Prevotella]	s__
New.CleanUp.ReferenceOTU27216	k__Bacteria	p__Bacteroidetes	c__Bacteroidia	o__Bacteroidales	f__[Paraprevotellaceae]	g__[Prevotella]	s__
New.CleanUp.ReferenceOTU31050	k__Bacteria	p__Bacteroidetes	c__Bacteroidia	o__Bacteroidales	f__[Paraprevotellaceae]	g__[Prevotella]	s__
New.CleanUp.ReferenceOTU86108	k__Bacteria	p__Bacteroidetes	c__Bacteroidia	o__Bacteroidales	f__[Paraprevotellaceae]	g__[Prevotella]	s__
165118	k__Bacteria	p__Bacteroidetes	c__Bacteroidia	o__Bacteroidales	f__[Paraprevotellaceae]	g__Paraprevotella	s__
1106254	k__Bacteria	p__Bacteroidetes	c__Bacteroidia	o__Bacteroidales	f__[Paraprevotellaceae]	g__Paraprevotella	s__
366147	k__Bacteria	p__Bacteroidetes	c__Bacteroidia	o__Bacteroidales	f__[Paraprevotellaceae]	g__Paraprevotella	s__
22466	k__Bacteria	p__Bacteroidetes	c__Bacteroidia	o__Bacteroidales	f__Prevotellaceae	g__Prevotella	s__
288265	k__Bacteria	p__Bacteroidetes	c__Bacteroidia	o__Bacteroidales	f__Prevotellaceae	g__Prevotella	s__
324283	k__Bacteria	p__Bacteroidetes	c__Bacteroidia	o__Bacteroidales	f__Prevotellaceae	g__Prevotella	s__
300859	k__Bacteria	p__Bacteroidetes	c__Bacteroidia	o__Bacteroidales	f__Prevotellaceae	g__Prevotella	s__
261240	k__Bacteria	p__Bacteroidetes	c__Bacteroidia	o__Bacteroidales	f__Prevotellaceae	g__Prevotella	s__
1061134	k__Bacteria	p__Bacteroidetes	c__Bacteroidia	o__Bacteroidales	f__Prevotellaceae	g__Prevotella	s__
301251	k__Bacteria	p__Bacteroidetes	c__Bacteroidia	o__Bacteroidales	f__Prevotellaceae	g__Prevotella	s__
343443	k__Bacteria	p__Bacteroidetes	c__Bacteroidia	o__Bacteroidales	f__Prevotellaceae	g__Prevotella	s__

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999477	k_Bacteria	p_Bacteroidetes	c_Bacteroidia	o_Bacteroidales	f_Prevotellaceae	g_Prevotella	s_nanceiensis
4321398	k_Bacteria	p_Bacteroidetes	c_Bacteroidia	o_Bacteroidales	f_Prevotellaceae	g_Prevotella	s_pallens
299770	k_Bacteria	p_Bacteroidetes	c_Bacteroidia	o_Bacteroidales	f_Prevotellaceae	g_Prevotella	s_stercorea
347138	k_Bacteria	p_Bacteroidetes	c_Bacteroidia	o_Bacteroidales	f_Prevotellaceae	g_Prevotella	s_stercorea
299382	k_Bacteria	p_Bacteroidetes	c_Bacteroidia	o_Bacteroidales	f_Prevotellaceae	g_Prevotella	s_stercorea
524371	k_Bacteria	p_Bacteroidetes	c_Bacteroidia	o_Bacteroidales	f_Prevotellaceae	g_Prevotella	s_stercorea
591785	k_Bacteria	p_Bacteroidetes	c_Bacteroidia	o_Bacteroidales	f_Prevotellaceae	g_Prevotella	s_stercorea
New.CleanUp.ReferenceOTU22563	k_Bacteria	p_Bacteroidetes	c_Bacteroidia	o_Bacteroidales	f_Prevotellaceae	g_Prevotella	s_stercorea
New.CleanUp.ReferenceOTU57503	k_Bacteria	p_Bacteroidetes	c_Bacteroidia	o_Bacteroidales	f_Prevotellaceae	g_Prevotella	s_stercorea
332206	k_Bacteria	p_Verrucomicrobia	c_Opitutae	o_Puniceicoccales	f_Puniceicoccaceae	g_Coralimargarita	s_
151344	k_Bacteria	p_Verrucomicrobia	c_Opitutae	o_Puniceicoccales	f_Puniceicoccaceae	g_Coralimargarita	s_
337963	k_Bacteria	p_Verrucomicrobia	c_Opitutae	o_Puniceicoccales	f_Puniceicoccaceae	g_Coralimargarita	s_
245143	k_Bacteria	p_Verrucomicrobia	c_Opitutae	o_Puniceicoccales	f_Puniceicoccaceae	g_Coralimargarita	s_
4369318	k_Bacteria	p_Verrucomicrobia	c_Opitutae	o_Puniceicoccales	f_Puniceicoccaceae	g_Coralimargarita	s_
712002	k_Bacteria	p_Verrucomicrobia	c_Opitutae	o_Puniceicoccales	f_Puniceicoccaceae	g_Coralimargarita	s_
4229057	k_Bacteria	p_Verrucomicrobia	c_Opitutae	o_Puniceicoccales	f_Puniceicoccaceae	g_Coralimargarita	s_
4340872	k_Bacteria	p_Verrucomicrobia	c_Opitutae	o_Puniceicoccales	f_Puniceicoccaceae	g_Coralimargarita	s_
41135	k_Bacteria	p_Verrucomicrobia	c_Opitutae	o_Puniceicoccales	f_Puniceicoccaceae	g_Coralimargarita	s_
New.CleanUp.ReferenceOTU101912	k_Bacteria	p_Verrucomicrobia	c_Opitutae	o_Puniceicoccales	f_Puniceicoccaceae	g_Coralimargarita	s_
812914	k_Bacteria	p_Verrucomicrobia	c_Opitutae	o_Puniceicoccales	f_Puniceicoccaceae	g_Coralimargarita	s_
New.ReferenceOTU425	k_Bacteria	p_Verrucomicrobia	c_Opitutae	o_Puniceicoccales	f_Puniceicoccaceae	g_Coralimargarita	s_
966092	k_Bacteria	p_Verrucomicrobia	c_Opitutae	o_Puniceicoccales	f_Puniceicoccaceae	g_Coralimargarita	s_
New.CleanUp.ReferenceOTU102076	k_Bacteria	p_Verrucomicrobia	c_Opitutae	o_Puniceicoccales	f_Puniceicoccaceae	g_Coralimargarita	s_
New.ReferenceOTU335	k_Bacteria	p_Verrucomicrobia	c_Opitutae	o_Puniceicoccales	f_Puniceicoccaceae	g_Coralimargarita	s_
778530	k_Bacteria	p_Verrucomicrobia	c_Opitutae	o_Puniceicoccales	f_Puniceicoccaceae	g_Coralimargarita	s_
New.CleanUp.ReferenceOTU106557	k_Bacteria	p_Verrucomicrobia	c_Opitutae	o_Puniceicoccales	f_Puniceicoccaceae	g_Coralimargarita	s_
New.CleanUp.ReferenceOTU112242	k_Bacteria	p_Verrucomicrobia	c_Opitutae	o_Puniceicoccales	f_Puniceicoccaceae	g_Coralimargarita	s_
New.CleanUp.ReferenceOTU116000	k_Bacteria	p_Verrucomicrobia	c_Opitutae	o_Puniceicoccales	f_Puniceicoccaceae	g_Coralimargarita	s_
New.CleanUp.ReferenceOTU111270	k_Bacteria	p_Verrucomicrobia	c_Opitutae	o_Puniceicoccales	f_Puniceicoccaceae	g_Coralimargarita	s_
New.CleanUp.ReferenceOTU1110	k_Bacteria	p_Verrucomicrobia	c_Opitutae	o_Puniceicoccales	f_Puniceicoccaceae	g_Coralimargarita	s_
New.CleanUp.ReferenceOTU120218	k_Bacteria	p_Verrucomicrobia	c_Opitutae	o_Puniceicoccales	f_Puniceicoccaceae	g_Coralimargarita	s_
New.CleanUp.ReferenceOTU12117	k_Bacteria	p_Verrucomicrobia	c_Opitutae	o_Puniceicoccales	f_Puniceicoccaceae	g_Coralimargarita	s_
New.CleanUp.ReferenceOTU11705	k_Bacteria	p_Verrucomicrobia	c_Opitutae	o_Puniceicoccales	f_Puniceicoccaceae	g_Coralimargarita	s_
New.CleanUp.ReferenceOTU117448	k_Bacteria	p_Verrucomicrobia	c_Opitutae	o_Puniceicoccales	f_Puniceicoccaceae	g_Coralimargarita	s_
New.CleanUp.ReferenceOTU118545	k_Bacteria	p_Verrucomicrobia	c_Opitutae	o_Puniceicoccales	f_Puniceicoccaceae	g_Coralimargarita	s_
New.CleanUp.ReferenceOTU119869	k_Bacteria	p_Verrucomicrobia	c_Opitutae	o_Puniceicoccales	f_Puniceicoccaceae	g_Coralimargarita	s_
New.CleanUp.ReferenceOTU121070	k_Bacteria	p_Verrucomicrobia	c_Opitutae	o_Puniceicoccales	f_Puniceicoccaceae	g_Coralimargarita	s_

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New.CleanUp.ReferenceOTU61076	k_Bacteria	p_Planctomycetes	c_Phycisphaerae	o_Phycisphaerales	f__	g__	s__
New.CleanUp.ReferenceOTU59071	k_Bacteria	p_Planctomycetes	c_Phycisphaerae	o_Phycisphaerales	f__	g__	s__
New.CleanUp.ReferenceOTU57506	k_Bacteria	p_Planctomycetes	c_Phycisphaerae	o_Phycisphaerales	f__	g__	s__
New.CleanUp.ReferenceOTU61905	k_Bacteria	p_Planctomycetes	c_Phycisphaerae	o_Phycisphaerales	f__	g__	s__
New.CleanUp.ReferenceOTU68786	k_Bacteria	p_Planctomycetes	c_Phycisphaerae	o_Phycisphaerales	f__	g__	s__
New.CleanUp.ReferenceOTU64118	k_Bacteria	p_Planctomycetes	c_Phycisphaerae	o_Phycisphaerales	f__	g__	s__
New.CleanUp.ReferenceOTU75608	k_Bacteria	p_Planctomycetes	c_Phycisphaerae	o_Phycisphaerales	f__	g__	s__
New.CleanUp.ReferenceOTU75494	k_Bacteria	p_Planctomycetes	c_Phycisphaerae	o_Phycisphaerales	f__	g__	s__
New.CleanUp.ReferenceOTU75788	k_Bacteria	p_Planctomycetes	c_Phycisphaerae	o_Phycisphaerales	f__	g__	s__
New.CleanUp.ReferenceOTU75209	k_Bacteria	p_Planctomycetes	c_Phycisphaerae	o_Phycisphaerales	f__	g__	s__
New.CleanUp.ReferenceOTU85396	k_Bacteria	p_Planctomycetes	c_Phycisphaerae	o_Phycisphaerales	f__	g__	s__
New.CleanUp.ReferenceOTU79279	k_Bacteria	p_Planctomycetes	c_Phycisphaerae	o_Phycisphaerales	f__	g__	s__
New.CleanUp.ReferenceOTU89068	k_Bacteria	p_Planctomycetes	c_Phycisphaerae	o_Phycisphaerales	f__	g__	s__
New.CleanUp.ReferenceOTU88747	k_Bacteria	p_Planctomycetes	c_Phycisphaerae	o_Phycisphaerales	f__	g__	s__
New.CleanUp.ReferenceOTU89453	k_Bacteria	p_Planctomycetes	c_Phycisphaerae	o_Phycisphaerales	f__	g__	s__
New.CleanUp.ReferenceOTU90343	k_Bacteria	p_Planctomycetes	c_Phycisphaerae	o_Phycisphaerales	f__	g__	s__
New.CleanUp.ReferenceOTU86901	k_Bacteria	p_Planctomycetes	c_Phycisphaerae	o_Phycisphaerales	f__	g__	s__
New.CleanUp.ReferenceOTU97098	k_Bacteria	p_Planctomycetes	c_Phycisphaerae	o_Phycisphaerales	f__	g__	s__
New.CleanUp.ReferenceOTU96905	k_Bacteria	p_Planctomycetes	c_Phycisphaerae	o_Phycisphaerales	f__	g__	s__
New.CleanUp.ReferenceOTU99299	k_Bacteria	p_Planctomycetes	c_Phycisphaerae	o_Phycisphaerales	f__	g__	s__
New.CleanUp.ReferenceOTU97516	k_Bacteria	p_Planctomycetes	c_Phycisphaerae	o_Phycisphaerales	f__	g__	s__
New.CleanUp.ReferenceOTU94834	k_Bacteria	p_Planctomycetes	c_Phycisphaerae	o_Phycisphaerales	f__	g__	s__
270611	k_Bacteria	p_Actinobacteria	c_Acidimicrobiia	o_Acidimicrobiales	f_C111	g__	s__
207715	k_Bacteria	p_Actinobacteria	c_Acidimicrobiia	o_Acidimicrobiales	f_C111	g__	s__
312763	k_Bacteria	p_Actinobacteria	c_Acidimicrobiia	o_Acidimicrobiales	f_C111	g__	s__
232551	k_Bacteria	p_Actinobacteria	c_Acidimicrobiia	o_Acidimicrobiales	f_C111	g__	s__
329883	k_Bacteria	p_Actinobacteria	c_Acidimicrobiia	o_Acidimicrobiales	f_C111	g__	s__
310346	k_Bacteria	p_Actinobacteria	c_Acidimicrobiia	o_Acidimicrobiales	f_C111	g__	s__
263082	k_Bacteria	p_Actinobacteria	c_Acidimicrobiia	o_Acidimicrobiales	f_C111	g__	s__
260261	k_Bacteria	p_Actinobacteria	c_Acidimicrobiia	o_Acidimicrobiales	f_C111	g__	s__
4423575	k_Bacteria	p_Actinobacteria	c_Acidimicrobiia	o_Acidimicrobiales	f_C111	g__	s__
583303	k_Bacteria	p_Actinobacteria	c_Acidimicrobiia	o_Acidimicrobiales	f_C111	g__	s__
509624	k_Bacteria	p_Actinobacteria	c_Acidimicrobiia	o_Acidimicrobiales	f_C111	g__	s__
606789	k_Bacteria	p_Actinobacteria	c_Acidimicrobiia	o_Acidimicrobiales	f_C111	g__	s__
354357	k_Bacteria	p_Actinobacteria	c_Acidimicrobiia	o_Acidimicrobiales	f_C111	g__	s__
537516	k_Bacteria	p_Actinobacteria	c_Acidimicrobiia	o_Acidimicrobiales	f_C111	g__	s__
552866	k_Bacteria	p_Actinobacteria	c_Acidimicrobiia	o_Acidimicrobiales	f_C111	g__	s__

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156530	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__	g__	s__
334486	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__	g__	s__
1109032	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__	g__	s__
234515	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__	g__	s__
253327	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__	g__	s__
246959	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__	g__	s__
1123903	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__	g__	s__
235889	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__	g__	s__
171966	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__	g__	s__
243972	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__	g__	s__
3651717	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__	g__	s__
569884	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__	g__	s__
4419588	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__	g__	s__
560135	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__	g__	s__
561881	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__	g__	s__
539543	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__	g__	s__
544270	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__	g__	s__
541389	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__	g__	s__
562142	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__	g__	s__
4401772	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__	g__	s__
4331915	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__	g__	s__
3751007	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__	g__	s__
585674	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__	g__	s__
668402	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__	g__	s__
940958	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__	g__	s__
New.ReferenceOTU118	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__	g__	s__
827967	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__	g__	s__
New.ReferenceOTU540	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__	g__	s__
New.ReferenceOTU418	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__	g__	s__
825365	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__	g__	s__
New.CleanUp.ReferenceOTU101673	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__	g__	s__
New.CleanUp.ReferenceOTU101264	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__	g__	s__
New.CleanUp.ReferenceOTU100339	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__	g__	s__
New.CleanUp.ReferenceOTU101030	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__	g__	s__
New.CleanUp.ReferenceOTU101329	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__	g__	s__
New.ReferenceOTU256	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__	g__	s__
New.CleanUp.ReferenceOTU100837	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__	g__	s__

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New.CleanUp.ReferenceOTU64120	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__	f__	g__	s__
New.CleanUp.ReferenceOTU69265	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__	f__	g__	s__
New.CleanUp.ReferenceOTU63780	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__	f__	g__	s__
New.CleanUp.ReferenceOTU65147	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__	f__	g__	s__
New.CleanUp.ReferenceOTU77837	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__	f__	g__	s__
New.CleanUp.ReferenceOTU75489	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__	f__	g__	s__
New.CleanUp.ReferenceOTU75424	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__	f__	g__	s__
New.CleanUp.ReferenceOTU78047	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__	f__	g__	s__
New.CleanUp.ReferenceOTU76285	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__	f__	g__	s__
New.CleanUp.ReferenceOTU7360	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__	f__	g__	s__
New.CleanUp.ReferenceOTU71747	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__	f__	g__	s__
New.CleanUp.ReferenceOTU79389	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__	f__	g__	s__
New.CleanUp.ReferenceOTU82012	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__	f__	g__	s__
New.CleanUp.ReferenceOTU8517	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__	f__	g__	s__
New.CleanUp.ReferenceOTU86184	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__	f__	g__	s__
New.CleanUp.ReferenceOTU91464	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__	f__	g__	s__
New.CleanUp.ReferenceOTU87124	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__	f__	g__	s__
New.CleanUp.ReferenceOTU87785	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__	f__	g__	s__
New.CleanUp.ReferenceOTU88916	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__	f__	g__	s__
New.CleanUp.ReferenceOTU86649	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__	f__	g__	s__
New.CleanUp.ReferenceOTU87521	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__	f__	g__	s__
New.CleanUp.ReferenceOTU86949	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__	f__	g__	s__
New.CleanUp.ReferenceOTU86958	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__	f__	g__	s__
New.CleanUp.ReferenceOTU8815	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__	f__	g__	s__
New.CleanUp.ReferenceOTU9026	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__	f__	g__	s__
New.CleanUp.ReferenceOTU86977	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__	f__	g__	s__
New.CleanUp.ReferenceOTU98791	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__	f__	g__	s__
New.CleanUp.ReferenceOTU98494	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__	f__	g__	s__
1108120	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__HTCC2188	f__HTCC2089	g__	s__
167947	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__HTCC2188	f__HTCC2089	g__	s__
1789522	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__HTCC2188	f__HTCC2089	g__	s__
4416718	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__HTCC2188	f__HTCC2089	g__	s__
585439	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__HTCC2188	f__HTCC2089	g__	s__
611127	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__HTCC2188	f__HTCC2089	g__	s__
569669	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__HTCC2188	f__HTCC2089	g__	s__
740763	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__HTCC2188	f__HTCC2089	g__	s__
New.CleanUp.ReferenceOTU101395	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__HTCC2188	f__HTCC2089	g__	s__

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1111234	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Chromatiales	f__	g__	s__
288332	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Chromatiales	f__	g__	s__
151727	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Chromatiales	f__	g__	s__
281206	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Chromatiales	f__	g__	s__
1108144	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Chromatiales	f__	g__	s__
1134800	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Chromatiales	f__	g__	s__
575190	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Chromatiales	f__	g__	s__
4460884	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Chromatiales	f__	g__	s__
584938	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Chromatiales	f__	g__	s__
4441050	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Chromatiales	f__	g__	s__
3735930	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Chromatiales	f__	g__	s__
568472	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Chromatiales	f__	g__	s__
518816	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Chromatiales	f__	g__	s__
41309	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Chromatiales	f__	g__	s__
533202	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Chromatiales	f__	g__	s__
4401468	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Chromatiales	f__	g__	s__
4412052	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Chromatiales	f__	g__	s__
548568	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Chromatiales	f__	g__	s__
354483	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Chromatiales	f__	g__	s__
4387019	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Chromatiales	f__	g__	s__
519729	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Chromatiales	f__	g__	s__
627001	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Chromatiales	f__	g__	s__
4432132	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Chromatiales	f__	g__	s__
557161	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Chromatiales	f__	g__	s__
820433	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Chromatiales	f__	g__	s__
New.CleanUp.ReferenceOTU101614	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Chromatiales	f__	g__	s__
New.CleanUp.ReferenceOTU100383	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Chromatiales	f__	g__	s__
730193	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Chromatiales	f__	g__	s__
810785	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Chromatiales	f__	g__	s__
New.ReferenceOTU165	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Chromatiales	f__	g__	s__
New.ReferenceOTU39	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Chromatiales	f__	g__	s__
753656	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Chromatiales	f__	g__	s__
832176	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Chromatiales	f__	g__	s__
New.CleanUp.ReferenceOTU107972	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Chromatiales	f__	g__	s__
New.CleanUp.ReferenceOTU104908	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Chromatiales	f__	g__	s__
New.CleanUp.ReferenceOTU107873	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Chromatiales	f__	g__	s__
New.CleanUp.ReferenceOTU10760	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Chromatiales	f__	g__	s__

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New.CleanUp.ReferenceOTU91882	k__Bacteria	p__Bacteroidetes	c__Bacteroidia	o__Bacteroidales	f__	g__	s__
New.CleanUp.ReferenceOTU8878	k__Bacteria	p__Bacteroidetes	c__Bacteroidia	o__Bacteroidales	f__	g__	s__
New.CleanUp.ReferenceOTU99314	k__Bacteria	p__Bacteroidetes	c__Bacteroidia	o__Bacteroidales	f__	g__	s__
New.CleanUp.ReferenceOTU96397	k__Bacteria	p__Bacteroidetes	c__Bacteroidia	o__Bacteroidales	f__	g__	s__
New.CleanUp.ReferenceOTU95527	k__Bacteria	p__Bacteroidetes	c__Bacteroidia	o__Bacteroidales	f__	g__	s__
New.CleanUp.ReferenceOTU93782	k__Bacteria	p__Bacteroidetes	c__Bacteroidia	o__Bacteroidales	f__	g__	s__
581843	k__Bacteria	p__Planctomycetes	c__OM190	o__	f__	g__	s__
New.CleanUp.ReferenceOTU101588	k__Bacteria	p__Planctomycetes	c__OM190	o__	f__	g__	s__
New.ReferenceOTU111	k__Bacteria	p__Planctomycetes	c__OM190	o__	f__	g__	s__
New.CleanUp.ReferenceOTU101389	k__Bacteria	p__Planctomycetes	c__OM190	o__	f__	g__	s__
New.CleanUp.ReferenceOTU100411	k__Bacteria	p__Planctomycetes	c__OM190	o__	f__	g__	s__
811943	k__Bacteria	p__Planctomycetes	c__OM190	o__	f__	g__	s__
New.CleanUp.ReferenceOTU101494	k__Bacteria	p__Planctomycetes	c__OM190	o__	f__	g__	s__
New.ReferenceOTU489	k__Bacteria	p__Planctomycetes	c__OM190	o__	f__	g__	s__
New.CleanUp.ReferenceOTU109603	k__Bacteria	p__Planctomycetes	c__OM190	o__	f__	g__	s__
New.CleanUp.ReferenceOTU114989	k__Bacteria	p__Planctomycetes	c__OM190	o__	f__	g__	s__
New.CleanUp.ReferenceOTU110929	k__Bacteria	p__Planctomycetes	c__OM190	o__	f__	g__	s__
New.CleanUp.ReferenceOTU120437	k__Bacteria	p__Planctomycetes	c__OM190	o__	f__	g__	s__
New.CleanUp.ReferenceOTU11935	k__Bacteria	p__Planctomycetes	c__OM190	o__	f__	g__	s__
New.CleanUp.ReferenceOTU118816	k__Bacteria	p__Planctomycetes	c__OM190	o__	f__	g__	s__
New.CleanUp.ReferenceOTU119898	k__Bacteria	p__Planctomycetes	c__OM190	o__	f__	g__	s__
New.CleanUp.ReferenceOTU130432	k__Bacteria	p__Planctomycetes	c__OM190	o__	f__	g__	s__
New.CleanUp.ReferenceOTU129097	k__Bacteria	p__Planctomycetes	c__OM190	o__	f__	g__	s__
New.CleanUp.ReferenceOTU132806	k__Bacteria	p__Planctomycetes	c__OM190	o__	f__	g__	s__
New.CleanUp.ReferenceOTU132271	k__Bacteria	p__Planctomycetes	c__OM190	o__	f__	g__	s__
New.CleanUp.ReferenceOTU136620	k__Bacteria	p__Planctomycetes	c__OM190	o__	f__	g__	s__
New.CleanUp.ReferenceOTU143411	k__Bacteria	p__Planctomycetes	c__OM190	o__	f__	g__	s__
New.CleanUp.ReferenceOTU141800	k__Bacteria	p__Planctomycetes	c__OM190	o__	f__	g__	s__
New.CleanUp.ReferenceOTU14248	k__Bacteria	p__Planctomycetes	c__OM190	o__	f__	g__	s__
New.CleanUp.ReferenceOTU143711	k__Bacteria	p__Planctomycetes	c__OM190	o__	f__	g__	s__
New.CleanUp.ReferenceOTU138552	k__Bacteria	p__Planctomycetes	c__OM190	o__	f__	g__	s__
New.CleanUp.ReferenceOTU143590	k__Bacteria	p__Planctomycetes	c__OM190	o__	f__	g__	s__
New.CleanUp.ReferenceOTU146954	k__Bacteria	p__Planctomycetes	c__OM190	o__	f__	g__	s__
New.CleanUp.ReferenceOTU149474	k__Bacteria	p__Planctomycetes	c__OM190	o__	f__	g__	s__
New.CleanUp.ReferenceOTU146086	k__Bacteria	p__Planctomycetes	c__OM190	o__	f__	g__	s__
New.CleanUp.ReferenceOTU152155	k__Bacteria	p__Planctomycetes	c__OM190	o__	f__	g__	s__
New.CleanUp.ReferenceOTU150050	k__Bacteria	p__Planctomycetes	c__OM190	o__	f__	g__	s__

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New.CleanUp.ReferenceOTU86241	k__Bacteria	p__Planctomycetes	c__OM190	o__	f__	g__	s__
New.CleanUp.ReferenceOTU86665	k__Bacteria	p__Planctomycetes	c__OM190	o__	f__	g__	s__
New.CleanUp.ReferenceOTU90348	k__Bacteria	p__Planctomycetes	c__OM190	o__	f__	g__	s__
New.CleanUp.ReferenceOTU87725	k__Bacteria	p__Planctomycetes	c__OM190	o__	f__	g__	s__
New.CleanUp.ReferenceOTU94233	k__Bacteria	p__Planctomycetes	c__OM190	o__	f__	g__	s__
New.CleanUp.ReferenceOTU93364	k__Bacteria	p__Planctomycetes	c__OM190	o__	f__	g__	s__
New.CleanUp.ReferenceOTU97263	k__Bacteria	p__Planctomycetes	c__OM190	o__	f__	g__	s__
New.CleanUp.ReferenceOTU96963	k__Bacteria	p__Planctomycetes	c__OM190	o__	f__	g__	s__
2134035	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
1007856	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
119137	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
137397	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
570167	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
556451	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
540723	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
589064	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
825733	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
827289	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
835910	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU10081	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU101868	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU103339	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU10459	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU109454	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU110344	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU114180	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU112696	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU111893	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU114113	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU115782	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU113923	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU119368	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU119152	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU122602	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU12087	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU126763	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU128923	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__

New.CleanUp.ReferenceOTU49230	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU50056	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU50927	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU6076	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU59765	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU60591	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU60546	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU68528	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU70384	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU66211	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU65403	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU68571	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU71261	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU82646	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU81585	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU84935	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU91801	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU90687	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU89486	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU89183	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU9232	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU90971	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU88618	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU90034	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU950	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU97607	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU95702	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU99933	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU98622	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU96400	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
New.CleanUp.ReferenceOTU98483	k__Bacteria	p__SAR406	c__AB16	o__Arctic96B-7	f__A714017	g__SGSH944	s__
228868	k__Bacteria	p__Proteobacteria	c__Deltaproteobacteria	o__Myxococcales	f__OM27	g__	s__
229993	k__Bacteria	p__Proteobacteria	c__Deltaproteobacteria	o__Myxococcales	f__OM27	g__	s__
234197	k__Bacteria	p__Proteobacteria	c__Deltaproteobacteria	o__Myxococcales	f__OM27	g__	s__
1107973	k__Bacteria	p__Proteobacteria	c__Deltaproteobacteria	o__Myxococcales	f__OM27	g__	s__
2205007	k__Bacteria	p__Proteobacteria	c__Deltaproteobacteria	o__Myxococcales	f__OM27	g__	s__
230324	k__Bacteria	p__Proteobacteria	c__Deltaproteobacteria	o__Myxococcales	f__OM27	g__	s__

246635	k_Bacteria	p_Proteobacteria	c_Deltaproteobacteria	o_Myxococcales	f_OM27	g__	s__
230171	k_Bacteria	p_Proteobacteria	c_Deltaproteobacteria	o_Myxococcales	f_OM27	g__	s__
1683832	k_Bacteria	p_Proteobacteria	c_Deltaproteobacteria	o_Myxococcales	f_OM27	g__	s__
160388	k_Bacteria	p_Proteobacteria	c_Deltaproteobacteria	o_Myxococcales	f_OM27	g__	s__
583003	k_Bacteria	p_Proteobacteria	c_Deltaproteobacteria	o_Myxococcales	f_OM27	g__	s__
4381902	k_Bacteria	p_Proteobacteria	c_Deltaproteobacteria	o_Myxococcales	f_OM27	g__	s__
570846	k_Bacteria	p_Proteobacteria	c_Deltaproteobacteria	o_Myxococcales	f_OM27	g__	s__
549977	k_Bacteria	p_Proteobacteria	c_Deltaproteobacteria	o_Myxococcales	f_OM27	g__	s__
577706	k_Bacteria	p_Proteobacteria	c_Deltaproteobacteria	o_Myxococcales	f_OM27	g__	s__
695253	k_Bacteria	p_Proteobacteria	c_Deltaproteobacteria	o_Myxococcales	f_OM27	g__	s__
535675	k_Bacteria	p_Proteobacteria	c_Deltaproteobacteria	o_Myxococcales	f_OM27	g__	s__
543569	k_Bacteria	p_Proteobacteria	c_Deltaproteobacteria	o_Myxococcales	f_OM27	g__	s__
4339479	k_Bacteria	p_Proteobacteria	c_Deltaproteobacteria	o_Myxococcales	f_OM27	g__	s__
548737	k_Bacteria	p_Proteobacteria	c_Deltaproteobacteria	o_Myxococcales	f_OM27	g__	s__
590339	k_Bacteria	p_Proteobacteria	c_Deltaproteobacteria	o_Myxococcales	f_OM27	g__	s__
648164	k_Bacteria	p_Proteobacteria	c_Deltaproteobacteria	o_Myxococcales	f_OM27	g__	s__
New.CleanUp.ReferenceOTU102261	k_Bacteria	p_Proteobacteria	c_Deltaproteobacteria	o_Myxococcales	f_OM27	g__	s__
New.ReferenceOTU597	k_Bacteria	p_Proteobacteria	c_Deltaproteobacteria	o_Myxococcales	f_OM27	g__	s__
816752	k_Bacteria	p_Proteobacteria	c_Deltaproteobacteria	o_Myxococcales	f_OM27	g__	s__
New.ReferenceOTU381	k_Bacteria	p_Proteobacteria	c_Deltaproteobacteria	o_Myxococcales	f_OM27	g__	s__
New.ReferenceOTU573	k_Bacteria	p_Proteobacteria	c_Deltaproteobacteria	o_Myxococcales	f_OM27	g__	s__
821649	k_Bacteria	p_Proteobacteria	c_Deltaproteobacteria	o_Myxococcales	f_OM27	g__	s__
New.ReferenceOTU178	k_Bacteria	p_Proteobacteria	c_Deltaproteobacteria	o_Myxococcales	f_OM27	g__	s__
New.CleanUp.ReferenceOTU10159	k_Bacteria	p_Proteobacteria	c_Deltaproteobacteria	o_Myxococcales	f_OM27	g__	s__
819433	k_Bacteria	p_Proteobacteria	c_Deltaproteobacteria	o_Myxococcales	f_OM27	g__	s__
New.CleanUp.ReferenceOTU10168	k_Bacteria	p_Proteobacteria	c_Deltaproteobacteria	o_Myxococcales	f_OM27	g__	s__
New.CleanUp.ReferenceOTU101337	k_Bacteria	p_Proteobacteria	c_Deltaproteobacteria	o_Myxococcales	f_OM27	g__	s__
New.CleanUp.ReferenceOTU105617	k_Bacteria	p_Proteobacteria	c_Deltaproteobacteria	o_Myxococcales	f_OM27	g__	s__
New.CleanUp.ReferenceOTU104238	k_Bacteria	p_Proteobacteria	c_Deltaproteobacteria	o_Myxococcales	f_OM27	g__	s__
New.CleanUp.ReferenceOTU105459	k_Bacteria	p_Proteobacteria	c_Deltaproteobacteria	o_Myxococcales	f_OM27	g__	s__
New.CleanUp.ReferenceOTU114186	k_Bacteria	p_Proteobacteria	c_Deltaproteobacteria	o_Myxococcales	f_OM27	g__	s__
New.CleanUp.ReferenceOTU110369	k_Bacteria	p_Proteobacteria	c_Deltaproteobacteria	o_Myxococcales	f_OM27	g__	s__
New.CleanUp.ReferenceOTU115808	k_Bacteria	p_Proteobacteria	c_Deltaproteobacteria	o_Myxococcales	f_OM27	g__	s__
New.CleanUp.ReferenceOTU112707	k_Bacteria	p_Proteobacteria	c_Deltaproteobacteria	o_Myxococcales	f_OM27	g__	s__
New.CleanUp.ReferenceOTU114045	k_Bacteria	p_Proteobacteria	c_Deltaproteobacteria	o_Myxococcales	f_OM27	g__	s__
New.CleanUp.ReferenceOTU113004	k_Bacteria	p_Proteobacteria	c_Deltaproteobacteria	o_Myxococcales	f_OM27	g__	s__
New.CleanUp.ReferenceOTU11196	k_Bacteria	p_Proteobacteria	c_Deltaproteobacteria	o_Myxococcales	f_OM27	g__	s__

New.CleanUp.ReferenceOTU95072	k__Bacteria	p__Proteobacteria	c__Deltaproteobacteria	o__Myxococcales	f__OM27	g__	s__
New.CleanUp.ReferenceOTU99373	k__Bacteria	p__Proteobacteria	c__Deltaproteobacteria	o__Myxococcales	f__OM27	g__	s__
New.CleanUp.ReferenceOTU97446	k__Bacteria	p__Proteobacteria	c__Deltaproteobacteria	o__Myxococcales	f__OM27	g__	s__
122966	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__NS9	g__	s__
101620	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__NS9	g__	s__
165490	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__NS9	g__	s__
305081	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__NS9	g__	s__
232612	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__NS9	g__	s__
118269	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__NS9	g__	s__
2138725	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__NS9	g__	s__
1107076	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__NS9	g__	s__
583037	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__NS9	g__	s__
590564	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__NS9	g__	s__
620696	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__NS9	g__	s__
666573	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__NS9	g__	s__
563050	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__NS9	g__	s__
831425	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__NS9	g__	s__
New.CleanUp.ReferenceOTU100228	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__NS9	g__	s__
827769	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__NS9	g__	s__
826017	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__NS9	g__	s__
New.CleanUp.ReferenceOTU100980	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__NS9	g__	s__
New.CleanUp.ReferenceOTU101647	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__NS9	g__	s__
New.ReferenceOTU158	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__NS9	g__	s__
834389	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__NS9	g__	s__
New.CleanUp.ReferenceOTU102373	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__NS9	g__	s__
New.CleanUp.ReferenceOTU100033	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__NS9	g__	s__
New.CleanUp.ReferenceOTU101948	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__NS9	g__	s__
New.CleanUp.ReferenceOTU102663	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__NS9	g__	s__
New.CleanUp.ReferenceOTU104041	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__NS9	g__	s__
New.CleanUp.ReferenceOTU107184	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__NS9	g__	s__
New.CleanUp.ReferenceOTU106151	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__NS9	g__	s__
New.CleanUp.ReferenceOTU105576	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__NS9	g__	s__
New.CleanUp.ReferenceOTU107131	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__NS9	g__	s__
New.CleanUp.ReferenceOTU108450	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__NS9	g__	s__
New.CleanUp.ReferenceOTU104518	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__NS9	g__	s__
New.CleanUp.ReferenceOTU113731	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__NS9	g__	s__
New.CleanUp.ReferenceOTU110140	k__Bacteria	p__Bacteroidetes	c__Flavobacteriia	o__Flavobacteriales	f__NS9	g__	s__

[illegible]

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[illegible]

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New.CleanUp.ReferenceOTU219035	k__Bacteria	p__Actinobacteria	c__Thermoleophilia	o__Gaiellales	f__	g__	s__
New.CleanUp.ReferenceOTU29465	k__Bacteria	p__Actinobacteria	c__Thermoleophilia	o__Gaiellales	f__	g__	s__
New.CleanUp.ReferenceOTU35498	k__Bacteria	p__Actinobacteria	c__Thermoleophilia	o__Gaiellales	f__	g__	s__
New.CleanUp.ReferenceOTU4093	k__Bacteria	p__Actinobacteria	c__Thermoleophilia	o__Gaiellales	f__	g__	s__
New.CleanUp.ReferenceOTU48966	k__Bacteria	p__Actinobacteria	c__Thermoleophilia	o__Gaiellales	f__	g__	s__
New.CleanUp.ReferenceOTU47040	k__Bacteria	p__Actinobacteria	c__Thermoleophilia	o__Gaiellales	f__	g__	s__
New.CleanUp.ReferenceOTU55179	k__Bacteria	p__Actinobacteria	c__Thermoleophilia	o__Gaiellales	f__	g__	s__
New.CleanUp.ReferenceOTU52142	k__Bacteria	p__Actinobacteria	c__Thermoleophilia	o__Gaiellales	f__	g__	s__
New.CleanUp.ReferenceOTU53050	k__Bacteria	p__Actinobacteria	c__Thermoleophilia	o__Gaiellales	f__	g__	s__
New.CleanUp.ReferenceOTU58534	k__Bacteria	p__Actinobacteria	c__Thermoleophilia	o__Gaiellales	f__	g__	s__
New.CleanUp.ReferenceOTU64119	k__Bacteria	p__Actinobacteria	c__Thermoleophilia	o__Gaiellales	f__	g__	s__
New.CleanUp.ReferenceOTU72270	k__Bacteria	p__Actinobacteria	c__Thermoleophilia	o__Gaiellales	f__	g__	s__
New.CleanUp.ReferenceOTU75365	k__Bacteria	p__Actinobacteria	c__Thermoleophilia	o__Gaiellales	f__	g__	s__
New.CleanUp.ReferenceOTU8378	k__Bacteria	p__Actinobacteria	c__Thermoleophilia	o__Gaiellales	f__	g__	s__
New.CleanUp.ReferenceOTU91669	k__Bacteria	p__Actinobacteria	c__Thermoleophilia	o__Gaiellales	f__	g__	s__
New.CleanUp.ReferenceOTU90640	k__Bacteria	p__Actinobacteria	c__Thermoleophilia	o__Gaiellales	f__	g__	s__
New.CleanUp.ReferenceOTU9277	k__Bacteria	p__Actinobacteria	c__Thermoleophilia	o__Gaiellales	f__	g__	s__
New.CleanUp.ReferenceOTU93936	k__Bacteria	p__Actinobacteria	c__Thermoleophilia	o__Gaiellales	f__	g__	s__
101670	k__Bacteria	p__Chloroflexi	c__SAR202	o__	f__	g__	s__
318624	k__Bacteria	p__Chloroflexi	c__SAR202	o__	f__	g__	s__
105649	k__Bacteria	p__Chloroflexi	c__SAR202	o__	f__	g__	s__
1112570	k__Bacteria	p__Chloroflexi	c__SAR202	o__	f__	g__	s__
2642683	k__Bacteria	p__Chloroflexi	c__SAR202	o__	f__	g__	s__
573377	k__Bacteria	p__Chloroflexi	c__SAR202	o__	f__	g__	s__
570432	k__Bacteria	p__Chloroflexi	c__SAR202	o__	f__	g__	s__
561898	k__Bacteria	p__Chloroflexi	c__SAR202	o__	f__	g__	s__
548109	k__Bacteria	p__Chloroflexi	c__SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU100180	k__Bacteria	p__Chloroflexi	c__SAR202	o__	f__	g__	s__
New.ReferenceOTU120	k__Bacteria	p__Chloroflexi	c__SAR202	o__	f__	g__	s__
830429	k__Bacteria	p__Chloroflexi	c__SAR202	o__	f__	g__	s__
833556	k__Bacteria	p__Chloroflexi	c__SAR202	o__	f__	g__	s__
837714	k__Bacteria	p__Chloroflexi	c__SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU103504	k__Bacteria	p__Chloroflexi	c__SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU109270	k__Bacteria	p__Chloroflexi	c__SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU103950	k__Bacteria	p__Chloroflexi	c__SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU110854	k__Bacteria	p__Chloroflexi	c__SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU121352	k__Bacteria	p__Chloroflexi	c__SAR202	o__	f__	g__	s__

New.CleanUp.ReferenceOTU128579	k_Bacteria	p_Chloroflexi	c_SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU12743	k_Bacteria	p_Chloroflexi	c_SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU131145	k_Bacteria	p_Chloroflexi	c_SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU145249	k_Bacteria	p_Chloroflexi	c_SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU138186	k_Bacteria	p_Chloroflexi	c_SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU144679	k_Bacteria	p_Chloroflexi	c_SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU150595	k_Bacteria	p_Chloroflexi	c_SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU146815	k_Bacteria	p_Chloroflexi	c_SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU156465	k_Bacteria	p_Chloroflexi	c_SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU156936	k_Bacteria	p_Chloroflexi	c_SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU157335	k_Bacteria	p_Chloroflexi	c_SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU157999	k_Bacteria	p_Chloroflexi	c_SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU173459	k_Bacteria	p_Chloroflexi	c_SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU173820	k_Bacteria	p_Chloroflexi	c_SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU168137	k_Bacteria	p_Chloroflexi	c_SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU181690	k_Bacteria	p_Chloroflexi	c_SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU182084	k_Bacteria	p_Chloroflexi	c_SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU184931	k_Bacteria	p_Chloroflexi	c_SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU186030	k_Bacteria	p_Chloroflexi	c_SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU194259	k_Bacteria	p_Chloroflexi	c_SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU200108	k_Bacteria	p_Chloroflexi	c_SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU203998	k_Bacteria	p_Chloroflexi	c_SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU203281	k_Bacteria	p_Chloroflexi	c_SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU208929	k_Bacteria	p_Chloroflexi	c_SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU206324	k_Bacteria	p_Chloroflexi	c_SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU210119	k_Bacteria	p_Chloroflexi	c_SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU215842	k_Bacteria	p_Chloroflexi	c_SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU25587	k_Bacteria	p_Chloroflexi	c_SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU219142	k_Bacteria	p_Chloroflexi	c_SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU27896	k_Bacteria	p_Chloroflexi	c_SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU28154	k_Bacteria	p_Chloroflexi	c_SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU38708	k_Bacteria	p_Chloroflexi	c_SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU42896	k_Bacteria	p_Chloroflexi	c_SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU47678	k_Bacteria	p_Chloroflexi	c_SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU52572	k_Bacteria	p_Chloroflexi	c_SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU50580	k_Bacteria	p_Chloroflexi	c_SAR202	o__	f__	g__	s__
New.CleanUp.ReferenceOTU53325	k_Bacteria	p_Chloroflexi	c_SAR202	o__	f__	g__	s__

New.CleanUp.ReferenceOTU59942	k_Bacteria	p_Chloroflexi	c_SAR202		f__	g__	s__
New.CleanUp.ReferenceOTU59925	k_Bacteria	p_Chloroflexi	c_SAR202		f__	g__	s__
New.CleanUp.ReferenceOTU64129	k_Bacteria	p_Chloroflexi	c_SAR202		f__	g__	s__
New.CleanUp.ReferenceOTU70009	k_Bacteria	p_Chloroflexi	c_SAR202		f__	g__	s__
New.CleanUp.ReferenceOTU69013	k_Bacteria	p_Chloroflexi	c_SAR202		f__	g__	s__
New.CleanUp.ReferenceOTU70600	k_Bacteria	p_Chloroflexi	c_SAR202		f__	g__	s__
New.CleanUp.ReferenceOTU70266	k_Bacteria	p_Chloroflexi	c_SAR202		f__	g__	s__
New.CleanUp.ReferenceOTU73476	k_Bacteria	p_Chloroflexi	c_SAR202		f__	g__	s__
New.CleanUp.ReferenceOTU7574	k_Bacteria	p_Chloroflexi	c_SAR202		f__	g__	s__
New.CleanUp.ReferenceOTU7175	k_Bacteria	p_Chloroflexi	c_SAR202		f__	g__	s__
New.CleanUp.ReferenceOTU78002	k_Bacteria	p_Chloroflexi	c_SAR202		f__	g__	s__
New.CleanUp.ReferenceOTU74439	k_Bacteria	p_Chloroflexi	c_SAR202		f__	g__	s__
New.CleanUp.ReferenceOTU84058	k_Bacteria	p_Chloroflexi	c_SAR202		f__	g__	s__
New.CleanUp.ReferenceOTU82766	k_Bacteria	p_Chloroflexi	c_SAR202		f__	g__	s__
New.CleanUp.ReferenceOTU89730	k_Bacteria	p_Chloroflexi	c_SAR202		f__	g__	s__
New.CleanUp.ReferenceOTU9190	k_Bacteria	p_Chloroflexi	c_SAR202		f__	g__	s__
New.CleanUp.ReferenceOTU91195	k_Bacteria	p_Chloroflexi	c_SAR202		f__	g__	s__
New.CleanUp.ReferenceOTU85949	k_Bacteria	p_Chloroflexi	c_SAR202		f__	g__	s__
New.CleanUp.ReferenceOTU96847	k_Bacteria	p_Chloroflexi	c_SAR202		f__	g__	s__
New.CleanUp.ReferenceOTU97226	k_Bacteria	p_Chloroflexi	c_SAR202		f__	g__	s__
268113	k_Bacteria	p_Bacteroidetes	c_[Rhodothermi]	o_[Rhodothermales]	f_Rhodothermaceae	g__	s__
235984	k_Bacteria	p_Bacteroidetes	c_[Rhodothermi]	o_[Rhodothermales]	f_Rhodothermaceae	g__	s__
2648	k_Bacteria	p_Bacteroidetes	c_[Rhodothermi]	o_[Rhodothermales]	f_Rhodothermaceae	g__	s__
571736	k_Bacteria	p_Bacteroidetes	c_[Rhodothermi]	o_[Rhodothermales]	f_Rhodothermaceae	g__	s__
536800	k_Bacteria	p_Bacteroidetes	c_[Rhodothermi]	o_[Rhodothermales]	f_Rhodothermaceae	g__	s__
New.CleanUp.ReferenceOTU100787	k_Bacteria	p_Bacteroidetes	c_[Rhodothermi]	o_[Rhodothermales]	f_Rhodothermaceae	g__	s__
New.ReferenceOTU56	k_Bacteria	p_Bacteroidetes	c_[Rhodothermi]	o_[Rhodothermales]	f_Rhodothermaceae	g__	s__
New.CleanUp.ReferenceOTU10850	k_Bacteria	p_Bacteroidetes	c_[Rhodothermi]	o_[Rhodothermales]	f_Rhodothermaceae	g__	s__
New.CleanUp.ReferenceOTU106713	k_Bacteria	p_Bacteroidetes	c_[Rhodothermi]	o_[Rhodothermales]	f_Rhodothermaceae	g__	s__
New.CleanUp.ReferenceOTU105368	k_Bacteria	p_Bacteroidetes	c_[Rhodothermi]	o_[Rhodothermales]	f_Rhodothermaceae	g__	s__
New.CleanUp.ReferenceOTU105742	k_Bacteria	p_Bacteroidetes	c_[Rhodothermi]	o_[Rhodothermales]	f_Rhodothermaceae	g__	s__
New.CleanUp.ReferenceOTU115825	k_Bacteria	p_Bacteroidetes	c_[Rhodothermi]	o_[Rhodothermales]	f_Rhodothermaceae	g__	s__
New.CleanUp.ReferenceOTU113708	k_Bacteria	p_Bacteroidetes	c_[Rhodothermi]	o_[Rhodothermales]	f_Rhodothermaceae	g__	s__
New.CleanUp.ReferenceOTU115807	k_Bacteria	p_Bacteroidetes	c_[Rhodothermi]	o_[Rhodothermales]	f_Rhodothermaceae	g__	s__
New.CleanUp.ReferenceOTU109871	k_Bacteria	p_Bacteroidetes	c_[Rhodothermi]	o_[Rhodothermales]	f_Rhodothermaceae	g__	s__
New.CleanUp.ReferenceOTU116969	k_Bacteria	p_Bacteroidetes	c_[Rhodothermi]	o_[Rhodothermales]	f_Rhodothermaceae	g__	s__
New.CleanUp.ReferenceOTU116809	k_Bacteria	p_Bacteroidetes	c_[Rhodothermi]	o_[Rhodothermales]	f_Rhodothermaceae	g__	s__

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New.CleanUp.ReferenceOTU156985	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Vibrionales	f__Vibrionaceae	g__Vibrio	s__
New.CleanUp.ReferenceOTU207070	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Vibrionales	f__Vibrionaceae	g__Vibrio	s__
New.CleanUp.ReferenceOTU23645	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Vibrionales	f__Vibrionaceae	g__Vibrio	s__
New.CleanUp.ReferenceOTU39855	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Vibrionales	f__Vibrionaceae	g__Vibrio	s__
New.CleanUp.ReferenceOTU85010	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Vibrionales	f__Vibrionaceae	g__Vibrio	s__
New.CleanUp.ReferenceOTU9698	k__Bacteria	p__Proteobacteria	c__Gammaproteobacteria	o__Vibrionales	f__Vibrionaceae	g__Vibrio	s__
1110857	k__Bacteria	p__Planctomycetes	c__OM190	o__agg27	f__	g__	s__
242961	k__Bacteria	p__Planctomycetes	c__OM190	o__agg27	f__	g__	s__
270621	k__Bacteria	p__Planctomycetes	c__OM190	o__agg27	f__	g__	s__
242474	k__Bacteria	p__Planctomycetes	c__OM190	o__agg27	f__	g__	s__
2910	k__Bacteria	p__Planctomycetes	c__OM190	o__agg27	f__	g__	s__
4336113	k__Bacteria	p__Planctomycetes	c__OM190	o__agg27	f__	g__	s__
564055	k__Bacteria	p__Planctomycetes	c__OM190	o__agg27	f__	g__	s__
New.ReferenceOTU101	k__Bacteria	p__Planctomycetes	c__OM190	o__agg27	f__	g__	s__
725876	k__Bacteria	p__Planctomycetes	c__OM190	o__agg27	f__	g__	s__
New.ReferenceOTU55	k__Bacteria	p__Planctomycetes	c__OM190	o__agg27	f__	g__	s__
New.ReferenceOTU97	k__Bacteria	p__Planctomycetes	c__OM190	o__agg27	f__	g__	s__
New.ReferenceOTU482	k__Bacteria	p__Planctomycetes	c__OM190	o__agg27	f__	g__	s__
New.CleanUp.ReferenceOTU10629	k__Bacteria	p__Planctomycetes	c__OM190	o__agg27	f__	g__	s__
New.CleanUp.ReferenceOTU113424	k__Bacteria	p__Planctomycetes	c__OM190	o__agg27	f__	g__	s__
New.CleanUp.ReferenceOTU11496	k__Bacteria	p__Planctomycetes	c__OM190	o__agg27	f__	g__	s__
New.CleanUp.ReferenceOTU113589	k__Bacteria	p__Planctomycetes	c__OM190	o__agg27	f__	g__	s__
New.CleanUp.ReferenceOTU111469	k__Bacteria	p__Planctomycetes	c__OM190	o__agg27	f__	g__	s__
New.CleanUp.ReferenceOTU118185	k__Bacteria	p__Planctomycetes	c__OM190	o__agg27	f__	g__	s__
New.CleanUp.ReferenceOTU118197	k__Bacteria	p__Planctomycetes	c__OM190	o__agg27	f__	g__	s__
New.CleanUp.ReferenceOTU119701	k__Bacteria	p__Planctomycetes	c__OM190	o__agg27	f__	g__	s__
New.CleanUp.ReferenceOTU123039	k__Bacteria	p__Planctomycetes	c__OM190	o__agg27	f__	g__	s__
New.CleanUp.ReferenceOTU118076	k__Bacteria	p__Planctomycetes	c__OM190	o__agg27	f__	g__	s__
New.CleanUp.ReferenceOTU127164	k__Bacteria	p__Planctomycetes	c__OM190	o__agg27	f__	g__	s__
New.CleanUp.ReferenceOTU12883	k__Bacteria	p__Planctomycetes	c__OM190	o__agg27	f__	g__	s__
New.CleanUp.ReferenceOTU135134	k__Bacteria	p__Planctomycetes	c__OM190	o__agg27	f__	g__	s__
New.CleanUp.ReferenceOTU131025	k__Bacteria	p__Planctomycetes	c__OM190	o__agg27	f__	g__	s__
New.CleanUp.ReferenceOTU134810	k__Bacteria	p__Planctomycetes	c__OM190	o__agg27	f__	g__	s__
New.CleanUp.ReferenceOTU139444	k__Bacteria	p__Planctomycetes	c__OM190	o__agg27	f__	g__	s__
New.CleanUp.ReferenceOTU140941	k__Bacteria	p__Planctomycetes	c__OM190	o__agg27	f__	g__	s__
New.CleanUp.ReferenceOTU143556	k__Bacteria	p__Planctomycetes	c__OM190	o__agg27	f__	g__	s__
New.CleanUp.ReferenceOTU154927	k__Bacteria	p__Planctomycetes	c__OM190	o__agg27	f__	g__	s__

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New.CleanUp.ReferenceOTU7015	k_Bacteria	p_Planctomycetes	c_OM190	o_agg27	f_	g_	s_
New.CleanUp.ReferenceOTU65458	k_Bacteria	p_Planctomycetes	c_OM190	o_agg27	f_	g_	s_
New.CleanUp.ReferenceOTU65937	k_Bacteria	p_Planctomycetes	c_OM190	o_agg27	f_	g_	s_
New.CleanUp.ReferenceOTU6708	k_Bacteria	p_Planctomycetes	c_OM190	o_agg27	f_	g_	s_
New.CleanUp.ReferenceOTU7783	k_Bacteria	p_Planctomycetes	c_OM190	o_agg27	f_	g_	s_
New.CleanUp.ReferenceOTU72825	k_Bacteria	p_Planctomycetes	c_OM190	o_agg27	f_	g_	s_
New.CleanUp.ReferenceOTU74522	k_Bacteria	p_Planctomycetes	c_OM190	o_agg27	f_	g_	s_
New.CleanUp.ReferenceOTU77405	k_Bacteria	p_Planctomycetes	c_OM190	o_agg27	f_	g_	s_
New.CleanUp.ReferenceOTU78187	k_Bacteria	p_Planctomycetes	c_OM190	o_agg27	f_	g_	s_
New.CleanUp.ReferenceOTU80346	k_Bacteria	p_Planctomycetes	c_OM190	o_agg27	f_	g_	s_
New.CleanUp.ReferenceOTU80261	k_Bacteria	p_Planctomycetes	c_OM190	o_agg27	f_	g_	s_
New.CleanUp.ReferenceOTU91509	k_Bacteria	p_Planctomycetes	c_OM190	o_agg27	f_	g_	s_
New.CleanUp.ReferenceOTU89737	k_Bacteria	p_Planctomycetes	c_OM190	o_agg27	f_	g_	s_
New.CleanUp.ReferenceOTU8739	k_Bacteria	p_Planctomycetes	c_OM190	o_agg27	f_	g_	s_
229420	k_Bacteria	p_Proteobacteria	c_Alphaproteobacteria	o_Rickettsiales	f_AEGEAN_112	g_	s_
344179	k_Bacteria	p_Proteobacteria	c_Alphaproteobacteria	o_Rickettsiales	f_AEGEAN_112	g_	s_
305656	k_Bacteria	p_Proteobacteria	c_Alphaproteobacteria	o_Rickettsiales	f_AEGEAN_112	g_	s_
234095	k_Bacteria	p_Proteobacteria	c_Alphaproteobacteria	o_Rickettsiales	f_AEGEAN_112	g_	s_
353181	k_Bacteria	p_Proteobacteria	c_Alphaproteobacteria	o_Rickettsiales	f_AEGEAN_112	g_	s_
4356184	k_Bacteria	p_Proteobacteria	c_Alphaproteobacteria	o_Rickettsiales	f_AEGEAN_112	g_	s_
New.CleanUp.ReferenceOTU100069	k_Bacteria	p_Proteobacteria	c_Alphaproteobacteria	o_Rickettsiales	f_AEGEAN_112	g_	s_
New.CleanUp.ReferenceOTU100374	k_Bacteria	p_Proteobacteria	c_Alphaproteobacteria	o_Rickettsiales	f_AEGEAN_112	g_	s_
New.CleanUp.ReferenceOTU10869	k_Bacteria	p_Proteobacteria	c_Alphaproteobacteria	o_Rickettsiales	f_AEGEAN_112	g_	s_
New.CleanUp.ReferenceOTU10969	k_Bacteria	p_Proteobacteria	c_Alphaproteobacteria	o_Rickettsiales	f_AEGEAN_112	g_	s_
New.CleanUp.ReferenceOTU105527	k_Bacteria	p_Proteobacteria	c_Alphaproteobacteria	o_Rickettsiales	f_AEGEAN_112	g_	s_
New.CleanUp.ReferenceOTU103551	k_Bacteria	p_Proteobacteria	c_Alphaproteobacteria	o_Rickettsiales	f_AEGEAN_112	g_	s_
New.CleanUp.ReferenceOTU11005	k_Bacteria	p_Proteobacteria	c_Alphaproteobacteria	o_Rickettsiales	f_AEGEAN_112	g_	s_
New.CleanUp.ReferenceOTU115856	k_Bacteria	p_Proteobacteria	c_Alphaproteobacteria	o_Rickettsiales	f_AEGEAN_112	g_	s_
New.CleanUp.ReferenceOTU113084	k_Bacteria	p_Proteobacteria	c_Alphaproteobacteria	o_Rickettsiales	f_AEGEAN_112	g_	s_
New.CleanUp.ReferenceOTU116689	k_Bacteria	p_Proteobacteria	c_Alphaproteobacteria	o_Rickettsiales	f_AEGEAN_112	g_	s_
New.CleanUp.ReferenceOTU123729	k_Bacteria	p_Proteobacteria	c_Alphaproteobacteria	o_Rickettsiales	f_AEGEAN_112	g_	s_
New.CleanUp.ReferenceOTU118295	k_Bacteria	p_Proteobacteria	c_Alphaproteobacteria	o_Rickettsiales	f_AEGEAN_112	g_	s_
New.CleanUp.ReferenceOTU123566	k_Bacteria	p_Proteobacteria	c_Alphaproteobacteria	o_Rickettsiales	f_AEGEAN_112	g_	s_
New.CleanUp.ReferenceOTU127556	k_Bacteria	p_Proteobacteria	c_Alphaproteobacteria	o_Rickettsiales	f_AEGEAN_112	g_	s_
New.CleanUp.ReferenceOTU127305	k_Bacteria	p_Proteobacteria	c_Alphaproteobacteria	o_Rickettsiales	f_AEGEAN_112	g_	s_
New.CleanUp.ReferenceOTU124593	k_Bacteria	p_Proteobacteria	c_Alphaproteobacteria	o_Rickettsiales	f_AEGEAN_112	g_	s_
New.CleanUp.ReferenceOTU134241	k_Bacteria	p_Proteobacteria	c_Alphaproteobacteria	o_Rickettsiales	f_AEGEAN_112	g_	s_

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New.CleanUp.ReferenceOTU41917	k__Bacteria	p__Planctomycetes	c__OM190	o__CL500-15	f__	g__	s__
New.CleanUp.ReferenceOTU5626	k__Bacteria	p__Planctomycetes	c__OM190	o__CL500-15	f__	g__	s__
New.CleanUp.ReferenceOTU49938	k__Bacteria	p__Planctomycetes	c__OM190	o__CL500-15	f__	g__	s__
New.CleanUp.ReferenceOTU50499	k__Bacteria	p__Planctomycetes	c__OM190	o__CL500-15	f__	g__	s__
New.CleanUp.ReferenceOTU49256	k__Bacteria	p__Planctomycetes	c__OM190	o__CL500-15	f__	g__	s__
New.CleanUp.ReferenceOTU63083	k__Bacteria	p__Planctomycetes	c__OM190	o__CL500-15	f__	g__	s__
New.CleanUp.ReferenceOTU57908	k__Bacteria	p__Planctomycetes	c__OM190	o__CL500-15	f__	g__	s__
New.CleanUp.ReferenceOTU57459	k__Bacteria	p__Planctomycetes	c__OM190	o__CL500-15	f__	g__	s__
New.CleanUp.ReferenceOTU62560	k__Bacteria	p__Planctomycetes	c__OM190	o__CL500-15	f__	g__	s__
New.CleanUp.ReferenceOTU65598	k__Bacteria	p__Planctomycetes	c__OM190	o__CL500-15	f__	g__	s__
New.CleanUp.ReferenceOTU68779	k__Bacteria	p__Planctomycetes	c__OM190	o__CL500-15	f__	g__	s__
New.CleanUp.ReferenceOTU69366	k__Bacteria	p__Planctomycetes	c__OM190	o__CL500-15	f__	g__	s__
New.CleanUp.ReferenceOTU69968	k__Bacteria	p__Planctomycetes	c__OM190	o__CL500-15	f__	g__	s__
New.CleanUp.ReferenceOTU64648	k__Bacteria	p__Planctomycetes	c__OM190	o__CL500-15	f__	g__	s__
New.CleanUp.ReferenceOTU72193	k__Bacteria	p__Planctomycetes	c__OM190	o__CL500-15	f__	g__	s__
New.CleanUp.ReferenceOTU73220	k__Bacteria	p__Planctomycetes	c__OM190	o__CL500-15	f__	g__	s__
New.CleanUp.ReferenceOTU89577	k__Bacteria	p__Planctomycetes	c__OM190	o__CL500-15	f__	g__	s__
New.CleanUp.ReferenceOTU9425	k__Bacteria	p__Planctomycetes	c__OM190	o__CL500-15	f__	g__	s__
New.CleanUp.ReferenceOTU99887	k__Bacteria	p__Planctomycetes	c__OM190	o__CL500-15	f__	g__	s__
New.CleanUp.ReferenceOTU94380	k__Bacteria	p__Planctomycetes	c__OM190	o__CL500-15	f__	g__	s__
158564	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__Arctic97B-4	f__	g__	s__
32593	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__Arctic97B-4	f__	g__	s__
1130212	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__Arctic97B-4	f__	g__	s__
4259472	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__Arctic97B-4	f__	g__	s__
355710	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__Arctic97B-4	f__	g__	s__
835852	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__Arctic97B-4	f__	g__	s__
New.CleanUp.ReferenceOTU100601	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__Arctic97B-4	f__	g__	s__
817250	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__Arctic97B-4	f__	g__	s__
New.CleanUp.ReferenceOTU106036	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__Arctic97B-4	f__	g__	s__
New.CleanUp.ReferenceOTU108935	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__Arctic97B-4	f__	g__	s__
New.CleanUp.ReferenceOTU109193	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__Arctic97B-4	f__	g__	s__
New.CleanUp.ReferenceOTU103360	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__Arctic97B-4	f__	g__	s__
New.CleanUp.ReferenceOTU111842	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__Arctic97B-4	f__	g__	s__
New.CleanUp.ReferenceOTU114645	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__Arctic97B-4	f__	g__	s__
New.CleanUp.ReferenceOTU115975	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__Arctic97B-4	f__	g__	s__
New.CleanUp.ReferenceOTU118882	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__Arctic97B-4	f__	g__	s__
New.CleanUp.ReferenceOTU120283	k__Bacteria	p__Verrucomicrobia	c__[Pedosphaerae]	o__Arctic97B-4	f__	g__	s__

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523934	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
523064	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
515279	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
352852	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
363264	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
355905	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
587669	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
355697	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
369526	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
571178	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
528596	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
3849736	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
573379	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
554338	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
369182	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
548503	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
358798	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
578649	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
554303	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
561171	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
361845	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
575261	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
588429	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
370809	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
547913	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
352733	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
562038	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
360329	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
355771	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
4310448	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
4430497	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
4468959	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
450047	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
363400	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
753891	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
739826	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
New.CleanUp.ReferenceOTU10224	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__

New.CleanUp.ReferenceOTU77091	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
New.CleanUp.ReferenceOTU83585	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
New.CleanUp.ReferenceOTU84910	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
New.CleanUp.ReferenceOTU79903	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
New.CleanUp.ReferenceOTU81467	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
New.CleanUp.ReferenceOTU86364	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
New.CleanUp.ReferenceOTU90284	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
New.CleanUp.ReferenceOTU90567	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
New.CleanUp.ReferenceOTU97142	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
New.CleanUp.ReferenceOTU98548	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
New.CleanUp.ReferenceOTU93237	k__Bacteria	p__Firmicutes	c__Clostridia	o__Clostridiales	f__Lachnospiraceae	g__	s__
149592	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
2609994	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
255765	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
11188	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
2726907	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
537633	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
562277	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
534444	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
4404199	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
572572	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
4399127	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
583073	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
594103	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
562805	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
562734	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
4457085	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
853457	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU10228	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU106217	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU108562	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU102778	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU103967	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU105794	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU111595	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU114665	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU114652	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__

New.CleanUp.ReferenceOTU114724	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU123637	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU118720	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU11954	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU11992	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU129641	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU128399	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU13983	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU146575	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU146329	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU146463	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU146697	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU145418	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU153146	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU165723	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU160356	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU162420	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU16417	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU167278	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU16733	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU172570	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU180176	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU179472	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU175650	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU17649	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU175785	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU186277	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU186087	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU18673	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU194409	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU196978	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU199842	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU202038	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU208502	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU209473	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU210276	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__
New.CleanUp.ReferenceOTU214080	k__Bacteria	p__GN02	c__BD1-5	o__	f__	g__	s__

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New.CleanUp.ReferenceOTU188013	k_Bacteria	p_Cyanobacteria	c_Chloroplast	o_Chlorophyta	f__	g__	s__
New.CleanUp.ReferenceOTU193851	k_Bacteria	p_Cyanobacteria	c_Chloroplast	o_Chlorophyta	f__	g__	s__
New.CleanUp.ReferenceOTU200113	k_Bacteria	p_Cyanobacteria	c_Chloroplast	o_Chlorophyta	f__	g__	s__
New.CleanUp.ReferenceOTU19824	k_Bacteria	p_Cyanobacteria	c_Chloroplast	o_Chlorophyta	f__	g__	s__
New.CleanUp.ReferenceOTU216785	k_Bacteria	p_Cyanobacteria	c_Chloroplast	o_Chlorophyta	f__	g__	s__
New.CleanUp.ReferenceOTU216646	k_Bacteria	p_Cyanobacteria	c_Chloroplast	o_Chlorophyta	f__	g__	s__
New.CleanUp.ReferenceOTU215737	k_Bacteria	p_Cyanobacteria	c_Chloroplast	o_Chlorophyta	f__	g__	s__
New.CleanUp.ReferenceOTU218036	k_Bacteria	p_Cyanobacteria	c_Chloroplast	o_Chlorophyta	f__	g__	s__
New.CleanUp.ReferenceOTU39359	k_Bacteria	p_Cyanobacteria	c_Chloroplast	o_Chlorophyta	f__	g__	s__
New.CleanUp.ReferenceOTU37130	k_Bacteria	p_Cyanobacteria	c_Chloroplast	o_Chlorophyta	f__	g__	s__
New.CleanUp.ReferenceOTU48183	k_Bacteria	p_Cyanobacteria	c_Chloroplast	o_Chlorophyta	f__	g__	s__
New.CleanUp.ReferenceOTU4718	k_Bacteria	p_Cyanobacteria	c_Chloroplast	o_Chlorophyta	f__	g__	s__
New.CleanUp.ReferenceOTU544	k_Bacteria	p_Cyanobacteria	c_Chloroplast	o_Chlorophyta	f__	g__	s__
New.CleanUp.ReferenceOTU53429	k_Bacteria	p_Cyanobacteria	c_Chloroplast	o_Chlorophyta	f__	g__	s__
New.CleanUp.ReferenceOTU61769	k_Bacteria	p_Cyanobacteria	c_Chloroplast	o_Chlorophyta	f__	g__	s__
New.CleanUp.ReferenceOTU64314	k_Bacteria	p_Cyanobacteria	c_Chloroplast	o_Chlorophyta	f__	g__	s__
New.CleanUp.ReferenceOTU68093	k_Bacteria	p_Cyanobacteria	c_Chloroplast	o_Chlorophyta	f__	g__	s__
New.CleanUp.ReferenceOTU73536	k_Bacteria	p_Cyanobacteria	c_Chloroplast	o_Chlorophyta	f__	g__	s__
New.CleanUp.ReferenceOTU76929	k_Bacteria	p_Cyanobacteria	c_Chloroplast	o_Chlorophyta	f__	g__	s__
New.CleanUp.ReferenceOTU81618	k_Bacteria	p_Cyanobacteria	c_Chloroplast	o_Chlorophyta	f__	g__	s__
New.CleanUp.ReferenceOTU91705	k_Bacteria	p_Cyanobacteria	c_Chloroplast	o_Chlorophyta	f__	g__	s__
254127	k_Bacteria	p_Proteobacteria	c_Alphaproteobacteria	o_Rickettsiales	f_Rickettsiaceae	g__	s__
201204	k_Bacteria	p_Proteobacteria	c_Alphaproteobacteria	o_Rickettsiales	f_Rickettsiaceae	g__	s__
325735	k_Bacteria	p_Proteobacteria	c_Alphaproteobacteria	o_Rickettsiales	f_Rickettsiaceae	g__	s__
231758	k_Bacteria	p_Proteobacteria	c_Alphaproteobacteria	o_Rickettsiales	f_Rickettsiaceae	g__	s__
139511	k_Bacteria	p_Proteobacteria	c_Alphaproteobacteria	o_Rickettsiales	f_Rickettsiaceae	g__	s__
1919149	k_Bacteria	p_Proteobacteria	c_Alphaproteobacteria	o_Rickettsiales	f_Rickettsiaceae	g__	s__
593993	k_Bacteria	p_Proteobacteria	c_Alphaproteobacteria	o_Rickettsiales	f_Rickettsiaceae	g__	s__
4469172	k_Bacteria	p_Proteobacteria	c_Alphaproteobacteria	o_Rickettsiales	f_Rickettsiaceae	g__	s__
566196	k_Bacteria	p_Proteobacteria	c_Alphaproteobacteria	o_Rickettsiales	f_Rickettsiaceae	g__	s__
4388411	k_Bacteria	p_Proteobacteria	c_Alphaproteobacteria	o_Rickettsiales	f_Rickettsiaceae	g__	s__
647393	k_Bacteria	p_Proteobacteria	c_Alphaproteobacteria	o_Rickettsiales	f_Rickettsiaceae	g__	s__
355833	k_Bacteria	p_Proteobacteria	c_Alphaproteobacteria	o_Rickettsiales	f_Rickettsiaceae	g__	s__
New.ReferenceOTU253	k_Bacteria	p_Proteobacteria	c_Alphaproteobacteria	o_Rickettsiales	f_Rickettsiaceae	g__	s__
New.CleanUp.ReferenceOTU110381	k_Bacteria	p_Proteobacteria	c_Alphaproteobacteria	o_Rickettsiales	f_Rickettsiaceae	g__	s__
New.CleanUp.ReferenceOTU113391	k_Bacteria	p_Proteobacteria	c_Alphaproteobacteria	o_Rickettsiales	f_Rickettsiaceae	g__	s__
New.CleanUp.ReferenceOTU110497	k_Bacteria	p_Proteobacteria	c_Alphaproteobacteria	o_Rickettsiales	f_Rickettsiaceae	g__	s__

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