

Organisms identified by CaleDNA genetic sequencing of environmental DNA from sediments in Codornices or Cerrito Creeks, compiled and edited by Revital Katznelson  
 Samples taken February 2021 by Friends of Five Creeks interns from Albany High School, with generous guidance from Revital Katznelson and Max Coyle  
 Results compiled and annotated by Revital Katznelson  
 For information contact 15creeks@gmail.com or the CaleDNA project.

query	Phylum	Class	Order	Family	Genus	Species (common name)	noted	CER.015	CER.025	COD.032	COD.038.S40	Orig-seq	Metabarcoding
114	Acidobacteria	Acidobacteria	Acidobacteriales	Acidobacteriaceae	Acidobacterium	Acidobacterium sp. SCGG AAA007-P13		0	2	0	0	114	16S-bacteria and archaea
123	Acidobacteria	Acidobacteria	Acidobacteriales	Acidobacteriaceae	NA			0	1	0	0	123	16S-bacteria and archaea
71	Acidobacteria	Acidobacteria	unknown	unknown	NA		unk	0	12	0	25	71	16S-bacteria and archaea
39	Acidobacteria	Blastocatellia	Blastocatellales	Blastocatellaceae	Stenotrophobacter	Stenotrophobacter terrae		82	50	0	0	39	16S-bacteria and archaea
109	Acidobacteria	unknown	unknown	unknown	unknown			2	1	0	2	109	16S-bacteria and archaea
15	Acidobacteria	Vicinamibacteria	unknown	Vicinamibacteraceae	Vicinamibacter	Vicinamibacter silvestris		3	205	0	2	15	16S-bacteria and archaea
18	Acidobacteria	Vicinamibacteria	unknown	Vicinamibacteraceae	Luteitalea	Luteitalea pratensis		0	191	0	0	18	16S-bacteria and archaea
43	Acidobacteria	Vicinamibacteria	unknown	Vicinamibacteraceae	NA			34	58	0	0	43	16S-bacteria and archaea
124	Actinobacteria	Actinobacteria	Streptomycetales	Streptomycetaceae	Streptomyces			0	0	0	1	124	16S-bacteria and archaea
115	Actinobacteria	Actinobacteria	unknown	unknown	NA		unk	0	1	0	1	115	16S-bacteria and archaea
116	Actinobacteria	unknown	unknown	unknown	unknown			1	1	0	0	116	16S-bacteria and archaea
178	Annelida	Citellata	Haplotaenidae	Naididae	Chaetogaster	Chaetogaster diastrophus	double	57	1	127	234	28	18S-general eukaryotes
211	Annelida	Citellata	Haplotaenidae	Aeolosomatidae	Aeolosoma	Aeolosoma hemprichi		7	6	111	5	61	18S-general eukaryotes
321	Annelida	Citellata	Haplotaenidae	Naididae	Tubifex	Tubifex tubifex		1	0	1	14	171	18S-general eukaryotes
473	Annelida	Citellata	Haplotaenidae	Naididae	Chaetogaster	Chaetogaster diastrophus	double	276	230	52	418	5	CO1-protists-invertebrates
465	Annelida	Citellata	Haplotaenidae	Naididae	NA			29	0	38	144	17	CO1-protists-invertebrates
492	Annelida	Citellata	Haplotaenidae	Naididae	Pristina	Pristina aquiseta		0	0	29	86	24	CO1-protists-invertebrates
493	Annelida	Citellata	Haplotaenidae	Naididae	Dero	Dero digitata		0	0	12	98	25	CO1-protists-invertebrates
499	Annelida	Citellata	Haplotaenidae	Naididae	Ilyodrilus	Ilyodrilus templetoni		0	0	0	74	31	CO1-protists-invertebrates
508	Annelida	Citellata	Haplotaenidae	Naididae	Slavina	Slavina		0	0	37	0	40	CO1-protists-invertebrates
331	Annelida	unknown	unknown	unknown	unknown		unk	0	15	0	0	181	18S-general eukaryotes
338	Apicomplexa	Conoidasida	Eucoccidiorida	Cryptosporidiidae	Cryptosporidium	Cryptosporidium parvum	pathogen	0	1	0	13	188	18S-general eukaryotes
424	Apicomplexa	Conoidasida	Eucoccidiorida	Adeleidae	Adelina			0	0	4	0	274	18S-general eukaryotes
443	Apicomplexa	Conoidasida	Eucoccidiorida	unknown	unknown			0	2	0	0	293	18S-general eukaryotes
194	Apicomplexa	Conoidasida	Eugregarinorida	Monocystidae	Monocystis	Monocystis agilis		48	36	21	99	44	18S-general eukaryotes
444	Apicomplexa	Conoidasida	Eugregarinorida	Gregarinidae	Gregarina	Gregarina ctenecephali		0	2	0	0	294	18S-general eukaryotes
530	Arthropoda	Arachnida	Araneae	Ochyroceratidae	Flexicrum	Flexicrum minutum		0	0	0	10	62	CO1-protists-invertebrates
452	Arthropoda	Hexanauplia	Calanoida	Temoridae	Eurytemora	Eurytemora affinis		1	0	0	0	302	18S-general eukaryotes
453	Arthropoda	Hexanauplia	Cyclopoida	unknown	unknown			0	1	0	0	303	18S-general eukaryotes
167	Arthropoda	Hexanauplia	Harpacticoida	Nannopodidae	Nannopus			0	878	6	0	17	18S-general eukaryotes
192	Arthropoda	Hexanauplia	Harpacticoida	Thalestridae	Eudactylopus	Eudactylopus sp. New Caledonia-RJH-2007		0	0	0	214	42	18S-general eukaryotes
488	Arthropoda	Hexanauplia	Harpacticoida	Canthocamptidae	NA	Canthocamptidae sp. BOLD:ACJ8158		95	50	0	0	20	CO1-protists-invertebrates
368	Arthropoda	Hexanauplia	unknown	unknown	NA			0	4	0	6	218	18S-general eukaryotes
411	Arthropoda	Insecta	Coleoptera	Scarabaeidae	Perissosoma	Perissosoma sp. BMNH 747068		5	0	0	0	261	18S-general eukaryotes
495	Arthropoda	Insecta	Hemiptera	unknown	NA	Hemiptera sp. BIOUG03768-E03		0	1	0	99	27	CO1-protists-invertebrates
479	Arthropoda	Insecta	Lepidoptera	unknown	unknown			0	20	0	298	11	CO1-protists-invertebrates
506	Arthropoda	Insecta	Neuroptera	Sisyridae	Sisyra			0	0	0	45	38	CO1-protists-invertebrates
539	Arthropoda	Insecta	unknown	unknown	NA		unk	1	0	0	0	71	CO1-protists-invertebrates
282	Arthropoda	Ostracoda	Podocopida	Cyprididae	NA			2	25	0	0	132	18S-general eukaryotes
357	Arthropoda	Ostracoda	Podocopida	Candonidae	NA			0	11	0	0	207	18S-general eukaryotes
412	Arthropoda	Ostracoda	Podocopida	Ilyocyprididae	Ilyocypris			0	0	0	5	262	18S-general eukaryotes
494	Arthropoda	Ostracoda	Podocopida	unknown	NA	Podocopida sp. BOLD:AAH0907		103	0	0	0	26	CO1-protists-invertebrates
483	Arthropoda	Pycnogonida	Pantopoda	Amnotheidae	Amnothea	Amnothea longispina		0	253	0	0	15	CO1-protists-invertebrates
797	Ascomycota	Arthoniomycetes	Lichenostigmatales	Phaeococcocycet	Phaeococcocycet	Phaeococcocycet sp.		20	0	0	0	183	FITS-Fungi
651	Ascomycota	Dothideomycetes	Botryosphaerales	Botryosphaeriaceae	Diplodia	Diplodia mutila		82	24	18	81	37	FITS-Fungi
710	Ascomycota	Dothideomycetes	Botryosphaerales	Botryosphaeriaceae	NA			46	0	10	0	96	FITS-Fungi
743	Ascomycota	Dothideomycetes	Botryosphaerales	Botryosphaeriaceae	Dothiorella			1	0	0	32	129	FITS-Fungi
811	Ascomycota	Dothideomycetes	Botryosphaerales	Botryosphaeriaceae	Diplodia	Diplodia corticola		17	0	0	0	197	FITS-Fungi
874	Ascomycota	Dothideomycetes	Botryosphaerales	Botryosphaeriaceae	Neofusicoccum	Neofusicoccum parvum		1	0	0	7	260	FITS-Fungi
176	Ascomycota	Dothideomycetes	Capnodiales	Cladosporiaceae	Cladosporium			71	80	50	275	26	18S-general eukaryotes
454	Ascomycota	Dothideomycetes	Capnodiales	unknown	unknown			0	0	1	0	304	18S-general eukaryotes
537	Ascomycota	Dothideomycetes	Capnodiales	Cladosporiaceae	Cladosporium	Cladosporium herbarum		1	0	0	4	69	CO1-protists-invertebrates
616	Ascomycota	Dothideomycetes	Capnodiales	Cladosporiaceae	Cladosporium			1949	988	766	3775	2	FITS-Fungi
645	Ascomycota	Dothideomycetes	Capnodiales	Capnodiales	Leptoxiphium			18	244	0	0	31	FITS-Fungi
691	Ascomycota	Dothideomycetes	Capnodiales	Neodevriesiaceae	Neodevriesia	Neodevriesia fraseriae		48	0	0	27	77	FITS-Fungi
707	Ascomycota	Dothideomycetes	Capnodiales	Teratosphaeriaceae	Hortaea	Hortaea thailandica		41	7	10	0	93	FITS-Fungi
733	Ascomycota	Dothideomycetes	Capnodiales	Cladosporiaceae	Cladosporium	Cladosporium sphaerospermum		25	0	0	17	119	FITS-Fungi
737	Ascomycota	Dothideomycetes	Capnodiales	Teratosphaeriaceae	NA			35	1	0	2	123	FITS-Fungi
750	Ascomycota	Dothideomycetes	Capnodiales	Capnodiales	Leptoxiphium	Leptoxiphium madagascariense		0	0	5	25	136	FITS-Fungi
754	Ascomycota	Dothideomycetes	Capnodiales	unknown	unknown			12	5	11	1	140	FITS-Fungi
772	Ascomycota	Dothideomycetes	Capnodiales	Teratosphaeriaceae	Devriesia	Devriesia pseudoamericana		0	0	10	15	158	FITS-Fungi
774	Ascomycota	Dothideomycetes	Capnodiales	Teratosphaeriaceae	Devriesia	Devriesia sp.		14	0	0	10	160	FITS-Fungi
777	Ascomycota	Dothideomycetes	Capnodiales	Cladosporiaceae	Toxicocladosporium			23	0	0	0	163	FITS-Fungi
778	Ascomycota	Dothideomycetes	Capnodiales	unknown	Capnodiales sp.			8	0	0	15	164	FITS-Fungi
801	Ascomycota	Dothideomycetes	Capnodiales	Cladosporiaceae	Cladosporium	Cladosporium aphidis		1	13	1	4	187	FITS-Fungi
807	Ascomycota	Dothideomycetes	Capnodiales	Teratosphaeriaceae	Capnobotryella	Capnobotryella sp. MA 4565		11	0	0	7	193	FITS-Fungi
812	Ascomycota	Dothideomycetes	Capnodiales	Extremaceae	Vermiconia			10	0	0	7	198	FITS-Fungi
818	Ascomycota	Dothideomycetes	Capnodiales	Neodevriesiaceae	Neodevriesia	Neodevriesia lagerstroemiae		0	16	0	0	204	FITS-Fungi
834	Ascomycota	Dothideomycetes	Capnodiales	Neodevriesiaceae	Neodevriesia			0	0	0	13	220	FITS-Fungi
856	Ascomycota	Dothideomycetes	Capnodiales	Teratosphaeriaceae	Austroafricana	Austroafricana parva		0	1	10	0	242	FITS-Fungi
886	Ascomycota	Dothideomycetes	Capnodiales	Teratosphaeriaceae	Capnobotryella	Capnobotryella sp. MA 4642		0	7	0	0	272	FITS-Fungi
897	Ascomycota	Dothideomycetes	Capnodiales	Extremaceae	Saxophila	Saxophila tyrrhenica		6	0	0	0	283	FITS-Fungi
936	Ascomycota	Dothideomycetes	Capnodiales	unknown	Pseudotaeniola	Pseudotaeniola globosa		4	0	0	0	322	FITS-Fungi
957	Ascomycota	Dothideomycetes	Capnodiales	Mycosphaerellaceae	Ramularia	Ramularia vizellae		1	0	0	0	343	FITS-Fungi
230	Ascomycota	Dothideomycetes	Dothideales	Dothideaceae	Dothidea			0	17	0	52	80	18S-general eukaryotes
445	Ascomycota	Dothideomycetes	Dothideales	Dothideaceae	Dothidea	Dothidea sp. RW77		0	1	1	0	295	18S-general eukaryotes
647	Ascomycota	Dothideomycetes	Dothideales	Dothioraceae	Hormonema	Hormonema viticola		59	62	14	101	33	FITS-Fungi
915	Ascomycota	Dothideomycetes	Dothideales	unknown	unknown			3	0	1	1	301	FITS-Fungi
937	Ascomycota	Dothideomycetes	Dothideales	Dothioraceae	Hormonema			1	1	2	0	323	FITS-Fungi
947	Ascomycota	Dothideomycetes	Dothideales	Saccotheciaceae	Aureobasidium	Aureobasidium pullulans		1	0	1	1	333	FITS-Fungi
958	Ascomycota	Dothideomycetes	Dothideales	Dothioraceae	Hormonema	Hormonema sp.		0	1	0	0	344	FITS-Fungi
802	Ascomycota	Dothideomycetes	Mytilinidiales	Mytilinidiaceae	Mytilinidion	Mytilinidion californicum		17	0	0	2	188	FITS-Fungi
898	Ascomycota	Dothideomycetes	Mytilinidiales	Mytilinidiaceae	Lophium	Lophium zalerioides		6	0	0	0	284	FITS-Fungi
161	Ascomycota	Dothideomycetes	Pleosporales	unknown	unknown			288	403	54	318	11	18S-general eukaryotes
218	Ascomycota	Dothideomycetes	Pleosporales	Cucurbitariaceae	Pyrenochaeta			3	4	1	86	68	18S-general eukaryotes
393	Ascomycota	Dothideomycetes	Pleosporales	Didymellaceae	Epicoccum	Epicoccum sorghinum		0	7	0	0	243	18S-general eukaryotes
455	Ascomycota	Dothideomycetes	Pleosporales	Phaeosphaeriaceae	NA			1	0	0	0	305	18S-general eukaryotes
507	Ascomycota	Dothideomycetes	Pleosporales	unknown	unknown			38	0	0	0	39	CO1-protists-invertebrates
509	Ascomycota	Dothideomycetes	Pleosporales	unknown	Shiraia	Shiraia bambusicola		0	37	0	0	41	CO1-protists-invertebrates
617	Ascomycota	Dothideomycetes	Pleosporales	unknown	unknown			1312	764	186	761	3	FITS-Fungi
630	Ascomycota	Dothideomycetes	Pleosporales	Sporormiaceae	Preussia			35	437	47	35	16	FITS-Fungi
633	Ascomycota	Dothideomycetes	Pleosporales	Pleosporaceae	Alternaria			283	112	27	70	19	FITS-Fungi
634	Ascomycota	Dothideomycetes	Pleosporales	Didymellaceae	Pseudoaschochyta			205	121	46	108	20	FITS-Fungi
638	Ascomycota	Do											

659	Ascomycota	Dothideomycetes	Pleosporales	unknown	NA	Pleosporales sp.	84	0	0	74	45	FITS-Fungi	
686	Ascomycota	Dothideomycetes	Pleosporales	Neopyrenochaetac	Neopyrenochaeta	Neopyrenochaeta inflorescentiae	30	0	6	47	72	FITS-Fungi	
689	Ascomycota	Dothideomycetes	Pleosporales	Didymellaceae	Epicoccum	Epicoccum plurivorum	42	20	0	16	75	FITS-Fungi	
697	Ascomycota	Dothideomycetes	Pleosporales	Melanommataceae	NA		10	18	5	30	83	FITS-Fungi	
700	Ascomycota	Dothideomycetes	Pleosporales	Cucurbitariaceae	Pyrenochaeta	Pyrenochaeta nobilis	35	18	0	9	86	FITS-Fungi	
718	Ascomycota	Dothideomycetes	Pleosporales	Phaeosphaeriaceae	Ophiosphaerella		52	0	0	0	104	FITS-Fungi	
720	Ascomycota	Dothideomycetes	Pleosporales	Phaeosphaeriaceae	Phaeosphaeria	Phaeosphaeria sp. MZC47m1	32	15	0	3	106	FITS-Fungi	
722	Ascomycota	Dothideomycetes	Pleosporales	Phaeosphaeriaceae	NA		19	1	9	20	108	FITS-Fungi	
725	Ascomycota	Dothideomycetes	Pleosporales	Phaeosphaeriaceae	Paraphoma	Paraphoma fimeti	2	21	0	23	111	FITS-Fungi	
732	Ascomycota	Dothideomycetes	Pleosporales	Phaeosphaeriaceae	Didymocyrtis	Didymocyrtis brachylaenae	21	10	0	12	118	FITS-Fungi	
741	Ascomycota	Dothideomycetes	Pleosporales	Phaeosphaeriaceae	Phaeosphaeria	Phaeosphaeria sp. RH1	36	0	0	0	127	FITS-Fungi	
744	Ascomycota	Dothideomycetes	Pleosporales	Phaeosphaeriaceae	Paraphoma		21	11	0	0	130	FITS-Fungi	
745	Ascomycota	Dothideomycetes	Pleosporales	Cucurbitariaceae	Pyrenochaeta		31	0	0	0	131	FITS-Fungi	
755	Ascomycota	Dothideomycetes	Pleosporales	Pleosporaceae	NA		4	7	11	7	141	FITS-Fungi	
766	Ascomycota	Dothideomycetes	Pleosporales	Didymellaceae	Neoscochyta	Neoscochyta tardicrescens	19	7	0	0	152	FITS-Fungi	
803	Ascomycota	Dothideomycetes	Pleosporales	Pleosporaceae	Alternaria	Alternaria alternata	0	0	0	19	189	FITS-Fungi	
808	Ascomycota	Dothideomycetes	Pleosporales	Phaeosphaeriaceae	Phaeosphaeriopsis	Phaeosphaeriopsis sp.	17	0	0	1	194	FITS-Fungi	
819	Ascomycota	Dothideomycetes	Pleosporales	Phaeosphaeriaceae	Neosetophoma	Neosetophoma samarorum	0	0	0	16	205	FITS-Fungi	
827	Ascomycota	Dothideomycetes	Pleosporales	Phaeosphaeriaceae	Populocrescentia	Populocrescentia forlicsenensis	0	0	0	14	213	FITS-Fungi	
842	Ascomycota	Dothideomycetes	Pleosporales	Didymosphaeriaceae	NA		12	0	0	0	228	FITS-Fungi	
843	Ascomycota	Dothideomycetes	Pleosporales	unknown		Pleosporales sp.	0	5	0	7	229	FITS-Fungi	
866	Ascomycota	Dothideomycetes	Pleosporales	Cucurbitariaceae	Neocucurbitaria	Neocucurbitaria quercina	9	0	0	0	252	FITS-Fungi	
867	Ascomycota	Dothideomycetes	Pleosporales	Didymellaceae	Neodidymelliopsis	Neodidymelliopsis ranunculii	0	0	0	9	253	FITS-Fungi	
875	Ascomycota	Dothideomycetes	Pleosporales	Phaeosphaeriaceae	Setophoma	Setophoma brachypodii	8	0	0	0	261	FITS-Fungi	
876	Ascomycota	Dothideomycetes	Pleosporales	unknown	Libertasomyces	Libertasomyces platani	0	0	2	6	262	FITS-Fungi	
887	Ascomycota	Dothideomycetes	Pleosporales	Morosphaeriaceae	Acrocalymma		5	0	0	2	273	FITS-Fungi	
888	Ascomycota	Dothideomycetes	Pleosporales	Phaeosphaeriaceae	Phaeosphaeria	Phaeosphaeria juncicola	7	0	0	0	274	FITS-Fungi	
889	Ascomycota	Dothideomycetes	Pleosporales	Phaeosphaeriaceae	Sclerostagonospora	Sclerostagonospora sp.	7	0	0	0	275	FITS-Fungi	
890	Ascomycota	Dothideomycetes	Pleosporales	unknown	Cryptocoryneum	Cryptocoryneum condensatum	7	0	0	0	276	FITS-Fungi	
899	Ascomycota	Dothideomycetes	Pleosporales	Lentitheciaceae	Lentithecium	Lentithecium aquaticum	6	0	0	0	285	FITS-Fungi	
900	Ascomycota	Dothideomycetes	Pleosporales	Pyrenochaetopsid	NA		6	0	0	0	286	FITS-Fungi	
901	Ascomycota	Dothideomycetes	Pleosporales	unknown	NA	Pleosporales sp. MUT 5336	6	0	0	0	287	FITS-Fungi	
916	Ascomycota	Dothideomycetes	Pleosporales	Pleosporaceae	Hendersonia	Hendersonia culmiseda	5	0	0	0	302	FITS-Fungi	
917	Ascomycota	Dothideomycetes	Pleosporales	Sporormiaceae	Preussia	Preussia sp. L34	1	3	1	0	303	FITS-Fungi	
938	Ascomycota	Dothideomycetes	Pleosporales	Melanommataceae	Herpotrichia	Herpotrichia parasitica	4	0	0	0	324	FITS-Fungi	
939	Ascomycota	Dothideomycetes	Pleosporales	Phaeosphaeriaceae	Phaeosphaeria	Phaeosphaeria sp.	1	3	0	0	325	FITS-Fungi	
952	Ascomycota	Dothideomycetes	Pleosporales	Torulaceae	Torula	Torula gaodangensis	2	0	0	0	338	FITS-Fungi	
959	Ascomycota	Dothideomycetes	Pleosporales	Coniothyriaceae	Coniothyrium	Coniothyrium palmicola	0	0	0	1	345	FITS-Fungi	
960	Ascomycota	Dothideomycetes	Pleosporales	Nigrogranaceae	Nigrograna		0	1	0	0	346	FITS-Fungi	
961	Ascomycota	Dothideomycetes	Pleosporales	Phaeosphaeriaceae	Ophiosphaerella	Ophiosphaerella sp.	1	0	0	0	347	FITS-Fungi	
962	Ascomycota	Dothideomycetes	Pleosporales	Pleosporaceae	Neocamarosporium		1	0	0	0	348	FITS-Fungi	
963	Ascomycota	Dothideomycetes	Pleosporales	Pleosporaceae	Stemphylium		0	0	1	0	349	FITS-Fungi	
708	Ascomycota	Dothideomycetes	Tubeufiales	Tubeufiaceae	Helicomycetes	Helicomycetes roseus	20	37	0	0	94	FITS-Fungi	
790	Ascomycota	Dothideomycetes	Tubeufiales	Tubeufiaceae	Helicosporium	Helicosporium indicum	20	1	0	0	176	FITS-Fungi	
964	Ascomycota	Dothideomycetes	Tubeufiales	Tubeufiaceae	Tubeufia	Tubeufia helicomycetes	1	0	0	0	350	FITS-Fungi	
425	Ascomycota	Dothideomycetes	unknown	unknown	NA		0	0	0	4	275	18S-general eukaryotes	
619	Ascomycota	Dothideomycetes	unknown	unknown	NA	Dothideomycetes sp. LS-2013g	1431	332	177	629	5	FITS-Fungi	
631	Ascomycota	Dothideomycetes	unknown	unknown	Coniosporium		433	48	8	47	17	FITS-Fungi	
681	Ascomycota	Dothideomycetes	unknown	unknown	NA	Dothideomycetes sp.	9	0	19	57	67	FITS-Fungi	
767	Ascomycota	Dothideomycetes	unknown	unknown	NA		2	3	5	16	153	FITS-Fungi	
785	Ascomycota	Dothideomycetes	unknown	unknown	Coniosporium	Coniosporium sp. MA4783	0	0	0	22	171	FITS-Fungi	
798	Ascomycota	Dothideomycetes	unknown	unknown	Spissomyces		15	0	4	1	184	FITS-Fungi	
746	Ascomycota	Dothideomycetes	Venturiales	Venturiaceae	NA		9	6	0	16	132	FITS-Fungi	
804	Ascomycota	Dothideomycetes	Venturiales	Sympoventuriaceae	Sympoventuria	Sympoventuria capensis	19	0	0	0	190	FITS-Fungi	
180	Ascomycota	Eurotiomycetes	Chaetothyriales	unknown	unknown		101	66	23	210	30	18S-general eukaryotes	
376	Ascomycota	Eurotiomycetes	Chaetothyriales	Herpotrichiellaceae	NA		0	0	0	9	226	18S-general eukaryotes	
540	Ascomycota	Eurotiomycetes	Chaetothyriales	Herpotrichiellaceae	Cladophialophora	Cladophialophora bantiana	0	1	0	0	72	CO1-protists-invertebrates	
642	Ascomycota	Eurotiomycetes	Chaetothyriales	Trichomeriaceae	Knufia		122	43	34	105	28	FITS-Fungi	
656	Ascomycota	Eurotiomycetes	Chaetothyriales	unknown	unknown		43	49	0	89	42	FITS-Fungi	
664	Ascomycota	Eurotiomycetes	Chaetothyriales	Herpotrichiellaceae	NA		28	79	16	19	50	FITS-Fungi	
667	Ascomycota	Eurotiomycetes	Chaetothyriales	unknown	NA	Chaetothyriales sp. AR-2010	46	53	0	28	53	FITS-Fungi	
683	Ascomycota	Eurotiomycetes	Chaetothyriales	Herpotrichiellaceae	Exophiala	Exophiala placitae	84	0	0	0	69	FITS-Fungi	
712	Ascomycota	Eurotiomycetes	Chaetothyriales	unknown	Neophaeococcum	Neophaeococcumyces aloes	37	18	0	0	98	FITS-Fungi	
747	Ascomycota	Eurotiomycetes	Chaetothyriales	Trichomeriaceae	Bacillicladium	Bacillicladium lobatum	14	17	0	0	133	FITS-Fungi	
751	Ascomycota	Eurotiomycetes	Chaetothyriales	Herpotrichiellaceae	Rhinochlorella	Rhinochlorella sp. MA 4765	10	0	0	20	137	FITS-Fungi	
752	Ascomycota	Eurotiomycetes	Chaetothyriales	Trichomeriaceae	Knufia	Knufia petricola	10	17	3	0	138	FITS-Fungi	
779	Ascomycota	Eurotiomycetes	Chaetothyriales	Cyphellophoraceae	Cyphellophora	Cyphellophora reptans	13	8	2	0	165	FITS-Fungi	
780	Ascomycota	Eurotiomycetes	Chaetothyriales	Herpotrichiellaceae	Exophiala	Exophiala phaeomuriformis	23	0	0	0	166	FITS-Fungi	
786	Ascomycota	Eurotiomycetes	Chaetothyriales	Herpotrichiellaceae	Exophiala		16	1	5	0	172	FITS-Fungi	
787	Ascomycota	Eurotiomycetes	Chaetothyriales	Trichomeriaceae	Bradomyces	Bradomyces graniticola	10	0	0	12	173	FITS-Fungi	
791	Ascomycota	Eurotiomycetes	Chaetothyriales	Herpotrichiellaceae	Coniosporium	Coniosporium sp. MA4666	21	0	0	0	177	FITS-Fungi	
799	Ascomycota	Eurotiomycetes	Chaetothyriales	unknown	unknown	Chaetothyriales sp. AR-2010	0	0	0	20	185	FITS-Fungi	
823	Ascomycota	Eurotiomycetes	Chaetothyriales	Herpotrichiellaceae	Coniosporium		0	0	0	15	209	FITS-Fungi	
828	Ascomycota	Eurotiomycetes	Chaetothyriales	Trichomeriaceae	Lithophila	Lithophila guttulata	14	0	0	0	214	FITS-Fungi	
844	Ascomycota	Eurotiomycetes	Chaetothyriales	Herpotrichiellaceae	Exophiala	Exophiala crusticola	11	0	1	0	230	FITS-Fungi	
857	Ascomycota	Eurotiomycetes	Chaetothyriales	Trichomeriaceae	Knufia	Knufia sp. LS-2015e	0	2	0	9	243	FITS-Fungi	
863	Ascomycota	Eurotiomycetes	Chaetothyriales	Cyphellophoraceae	Cyphellophora		9	0	0	1	249	FITS-Fungi	
877	Ascomycota	Eurotiomycetes	Chaetothyriales	unknown	unknown	Chaetothyriales sp. KhNk32	8	0	0	0	263	FITS-Fungi	
891	Ascomycota	Eurotiomycetes	Chaetothyriales	Cyphellophoraceae	Anthopsis	Anthopsis catenata	0	7	0	0	277	FITS-Fungi	
892	Ascomycota	Eurotiomycetes	Chaetothyriales	Herpotrichiellaceae	Exophiala	Exophiala sp. CPC 12171	7	0	0	0	278	FITS-Fungi	
902	Ascomycota	Eurotiomycetes	Chaetothyriales	Herpotrichiellaceae	Fonsecaea	Fonsecaea sp.	6	0	0	0	288	FITS-Fungi	
918	Ascomycota	Eurotiomycetes	Chaetothyriales	Trichomeriaceae	Knufia	Knufia epidermidis	5	0	0	0	304	FITS-Fungi	
965	Ascomycota	Eurotiomycetes	Chaetothyriales	Herpotrichiellaceae	Cladophialophora		1	0	0	0	351	FITS-Fungi	
966	Ascomycota	Eurotiomycetes	Chaetothyriales	Trichomeriaceae	Knufia	Knufia marmoricola	1	0	0	1	352	FITS-Fungi	
967	Ascomycota	Eurotiomycetes	Chaetothyriales	Trichomeriaceae	Knufia	Knufia sp.	1	0	0	0	353	FITS-Fungi	
322	Ascomycota	Eurotiomycetes	Eurotiales	Aspergillaceae	NA		0	0	0	16	172	18S-general eukaryotes	
618	Ascomycota	Eurotiomycetes	Eurotiales	Aspergillaceae	Penicillium		472	991	250	1008	4	FITS-Fungi	
728	Ascomycota	Eurotiomycetes	Eurotiales	Aspergillaceae	Aspergillus		7	5	11	22	114	FITS-Fungi	
759	Ascomycota	Eurotiomycetes	Eurotiales	Aspergillaceae	Penicillium	Penicillium digitatum	famous	11	17	0	0	145	FITS-Fungi
781	Ascomycota	Eurotiomycetes	Eurotiales	Aspergillaceae	Penicillium	Penicillium spathulatum	famous	9	2	10	2	167	FITS-Fungi
800	Ascomycota	Eurotiomycetes	Eurotiales	Aspergillaceae	Penicillium	Penicillium sp. CID1245	famous	0	0	0	20	186	FITS-Fungi
813	Ascomycota	Eurotiomycetes	unknown	unknown	Paracladophialop	Paracladophialophora carceris	17	0	0	0	199	FITS-Fungi	
953	Ascomycota	Eurotiomycetes	unknown	unknown	NA		0	1	1	0	339	FITS-Fungi	
729	Ascomycota	Eurotiomycetes	Verrucariales	Verrucariaceae	Verrucaria	Verrucaria muralis	45	0	0	0	115	FITS-Fungi	
742	Ascomycota	Eurotiomycetes	Verrucariales	Verrucariaceae	Verrucaria		36	0	0	0	128	FITS-Fungi	

878	Ascomycota	Lecanoromycetes	Caliciales	Caliciaceae	Amandinea	Amandinea punctata	8	0	0	0	264	FITS-Fungi
948	Ascomycota	Lecanoromycetes	Lecanorales	Parmeliaceae	Flavopunctelia	Flavopunctelia flaventior	0	0	0	3	334	FITS-Fungi
713	Ascomycota	Lecanoromycetes	Telochistales	Telochistaceae	Caloplaca	Caloplaca flavocitrina	55	0	0	0	99	FITS-Fungi
242	Ascomycota	Leotiomycetes	Helotiales	Sclerotiniaceae	Sclerotinia		5	50	0	0	92	18S-general eukaryotes
384	Ascomycota	Leotiomycetes	Helotiales	unknown			7	0	0	1	234	18S-general eukaryotes
456	Ascomycota	Leotiomycetes	Helotiales	Sclerotiniaceae	NA		0	1	0	0	306	18S-general eukaryotes
636	Ascomycota	Leotiomycetes	Helotiales	Sclerotiniaceae	NA		0	455	0	0	22	FITS-Fungi
640	Ascomycota	Leotiomycetes	Helotiales	unknown			110	53	38	156	26	FITS-Fungi
655	Ascomycota	Leotiomycetes	Helotiales	Helotiaceae	Tricladium	Tricladium angulatum	74	54	16	43	41	FITS-Fungi
676	Ascomycota	Leotiomycetes	Helotiales	Sclerotiniaceae	Botrytis	Botrytis cinerea	74	3	5	19	62	FITS-Fungi
692	Ascomycota	Leotiomycetes	Helotiales	Leotiaceae	Alatospora	Alatospora flagellata	29	15	13	14	78	FITS-Fungi
724	Ascomycota	Leotiomycetes	Helotiales	Chaetomellaceae	Piliidium		29	0	0	19	110	FITS-Fungi
726	Ascomycota	Leotiomycetes	Helotiales	unknown	NA	ericoid mycorrhizal sp. Sd9	0	46	0	0	112	FITS-Fungi
760	Ascomycota	Leotiomycetes	Helotiales	unknown		Helotiales sp. MMW-2013b	0	28	0	0	146	FITS-Fungi
768	Ascomycota	Leotiomycetes	Helotiales	unknown	Cadophora		7	18	0	1	154	FITS-Fungi
782	Ascomycota	Leotiomycetes	Helotiales	Dermateaceae	NA		12	11	0	0	168	FITS-Fungi
788	Ascomycota	Leotiomycetes	Helotiales	Helotiaceae	Bloxamia	Bloxamia truncata	7	15	0	0	174	FITS-Fungi
809	Ascomycota	Leotiomycetes	Helotiales	Helotiaceae	Tricladium		14	4	0	0	195	FITS-Fungi
845	Ascomycota	Leotiomycetes	Helotiales	Helotiaceae	Heteropatella	Heteropatella lacera	12	0	0	0	231	FITS-Fungi
846	Ascomycota	Leotiomycetes	Helotiales	unknown	Curvoclavula	Curvoclavula anemophila	12	0	0	0	232	FITS-Fungi
858	Ascomycota	Leotiomycetes	Helotiales	unknown	Triposporium	Triposporium cycadicola	5	6	0	0	244	FITS-Fungi
868	Ascomycota	Leotiomycetes	Helotiales	Sclerotiniaceae	Sclerotinia	Sclerotinia trifoliorum	0	9	0	0	254	FITS-Fungi
903	Ascomycota	Leotiomycetes	Helotiales	Leotiaceae	Alatospora		6	0	0	0	289	FITS-Fungi
919	Ascomycota	Leotiomycetes	Helotiales	Helotiaceae	Heterosphaeria	Heterosphaeria patella	0	5	0	0	305	FITS-Fungi
940	Ascomycota	Leotiomycetes	Helotiales	Chaetomellaceae	Piliidium	Piliidium anglicum	1	3	0	0	326	FITS-Fungi
968	Ascomycota	Leotiomycetes	Helotiales	unknown	NA	Helotiales sp. MKOTU39	0	1	0	0	354	FITS-Fungi
748	Ascomycota	Leotiomycetes	Phacidiales	Phacidaceae	NA		26	5	0	0	134	FITS-Fungi
810	Ascomycota	Leotiomycetes	Thelebolales	Thelebolaceae	Thelebolus		0	0	7	11	196	FITS-Fungi
394	Ascomycota	Leotiomycetes	unknown	unknown	NA		0	0	0	7	244	18S-general eukaryotes
541	Ascomycota	Leotiomycetes	unknown	unknown	Leohumicola		0	0	0	1	73	CO1-protists-invertebrates
542	Ascomycota	Leotiomycetes	unknown	unknown	NA		0	0	0	1	74	CO1-protists-invertebrates
637	Ascomycota	Leotiomycetes	unknown	unknown	NA		155	116	46	99	23	FITS-Fungi
775	Ascomycota	Leotiomycetes	unknown	Pseudeurotiaceae	Pseudeurotium	Pseudeurotium zonatum	0	24	0	0	161	FITS-Fungi
829	Ascomycota	Leotiomycetes	unknown	unknown	Scytalidium	Scytalidium flavobrunneum	14	0	0	0	215	FITS-Fungi
715	Ascomycota	Orbiliomycetes	Orbiliales	Orbiliaceae	Dactylella	Dactylella microaquitica	34	0	6	13	101	FITS-Fungi
920	Ascomycota	Orbiliomycetes	Orbiliales	unknown	Lecophagus	Lecophagus longisporus	5	0	0	0	306	FITS-Fungi
941	Ascomycota	Orbiliomycetes	Orbiliales	Orbiliaceae	Orbilia	Orbilia cardui	3	0	1	0	327	FITS-Fungi
215	Ascomycota	Peziromycetes	Pezizales	Pyronemataceae	Geopora	Geopora cervina	0	110	0	0	65	18S-general eukaryotes
216	Ascomycota	Peziromycetes	Pezizales	Pyronemataceae	NA		4	106	0	0	66	18S-general eukaryotes
283	Ascomycota	Peziromycetes	Pezizales	Pezizaceae	Peziza	Peziza badiofusca	0	27	0	0	133	18S-general eukaryotes
457	Ascomycota	Peziromycetes	Pezizales	Pezizaceae	Peziza	Peziza echinospora	0	1	0	0	307	18S-general eukaryotes
623	Ascomycota	Peziromycetes	Pezizales	Pyronemataceae	Cheilymenia		0	1513	0	0	9	FITS-Fungi
628	Ascomycota	Peziromycetes	Pezizales	Pyronemataceae	Geopora	Geopora sp. H SJ-4057	0	619	0	0	14	FITS-Fungi
643	Ascomycota	Peziromycetes	Pezizales	Pyronemataceae	Geopora		0	285	4	0	29	FITS-Fungi
658	Ascomycota	Peziromycetes	Pezizales	Pyronemataceae	Cheilymenia	Cheilymenia theleboloides	0	160	0	0	44	FITS-Fungi
677	Ascomycota	Peziromycetes	Pezizales	Pyronemataceae	Cheilymenia	Cheilymenia cf. granulata	0	98	0	0	63	FITS-Fungi
705	Ascomycota	Peziromycetes	Pezizales	Pezizaceae	Peziza	Peziza badia	0	59	0	0	91	FITS-Fungi
763	Ascomycota	Peziromycetes	Pezizales	Pezizaceae	Peziza		12	15	0	0	149	FITS-Fungi
792	Ascomycota	Peziromycetes	Pezizales	Pyronemataceae	Pseudaleuria	Pseudaleuria sp. MF-3	0	21	0	0	178	FITS-Fungi
814	Ascomycota	Peziromycetes	Pezizales	Ascodesmidaceae	Cephalophora	Cephalophora tropica	13	0	0	4	200	FITS-Fungi
824	Ascomycota	Peziromycetes	Pezizales	Pyronemataceae	Byssonectria	Byssonectria deformis	0	15	0	0	210	FITS-Fungi
893	Ascomycota	Peziromycetes	Pezizales	Ascodesmidaceae	Ascodesmis	Ascodesmis nigricans	6	0	1	0	279	FITS-Fungi
904	Ascomycota	Peziromycetes	Pezizales	Pezizaceae	Peziza	Peziza domicilliana	6	0	0	0	290	FITS-Fungi
921	Ascomycota	Peziromycetes	Pezizales	Helvellaceae	Helvella	Helvella sp. SOC902	0	5	0	0	307	FITS-Fungi
922	Ascomycota	Peziromycetes	Pezizales	Sarcosomataceae	NA	Sarcosomataceae sp.	4	0	0	1	308	FITS-Fungi
954	Ascomycota	Peziromycetes	Pezizales	Pyronemataceae	NA		0	2	0	0	340	FITS-Fungi
260	Ascomycota	Saccharomycetes	Saccharomycetales	Dipodasaceae	NA		0	38	0	0	110	18S-general eukaryotes
278	Ascomycota	Saccharomycetes	Saccharomycetales	Dipodasaceae	Geotrichum	Geotrichum candidum	21	0	0	7	128	18S-general eukaryotes
284	Ascomycota	Saccharomycetes	Saccharomycetales	Metschnikowiaceae	Metschnikowia		14	13	0	0	134	18S-general eukaryotes
426	Ascomycota	Saccharomycetes	Saccharomycetales	Lipomycetaceae	NA		0	0	0	4	276	18S-general eukaryotes
673	Ascomycota	Saccharomycetes	Saccharomycetales	unknown	Candida	Candida sake	15	5	5	85	59	FITS-Fungi
693	Ascomycota	Saccharomycetes	Saccharomycetales	Dipodasaceae	Geotrichum	Geotrichum candidum	70	0	0	0	79	FITS-Fungi
706	Ascomycota	Saccharomycetes	Saccharomycetales	Lipomycetaceae	Lipomyces	Lipomyces anomalus	8	26	11	14	92	FITS-Fungi
727	Ascomycota	Saccharomycetes	Saccharomycetales	Debaryomycetaceae	Debaryomyces	Debaryomyces hansenii	0	9	0	37	113	FITS-Fungi
761	Ascomycota	Saccharomycetes	Saccharomycetales	Dipodasaceae	NA		28	0	0	0	147	FITS-Fungi
773	Ascomycota	Saccharomycetes	Saccharomycetales	Phaffomycetaceae	Barnettozyma	Barnettozyma californica	12	13	0	0	159	FITS-Fungi
793	Ascomycota	Saccharomycetes	Saccharomycetales	Metschnikowiaceae	Clavospora	[Candida] intermedia	21	0	0	0	179	FITS-Fungi
825	Ascomycota	Saccharomycetes	Saccharomycetales	Pichiaceae	Pichia	Pichia nakasei	15	0	0	0	211	FITS-Fungi
847	Ascomycota	Saccharomycetes	Saccharomycetales	Debaryomycetaceae	Kurtzmanella	[Candida] zeylanoides	12	0	0	0	233	FITS-Fungi
848	Ascomycota	Saccharomycetes	Saccharomycetales	Pichiaceae	Pichia	[Candida] pseudolambica	8	4	0	0	234	FITS-Fungi
869	Ascomycota	Saccharomycetes	Saccharomycetales	Dipodasaceae	Galactomyces	Galactomyces pseudocandidus	0	9	0	0	255	FITS-Fungi
894	Ascomycota	Saccharomycetes	Saccharomycetales	Phaffomycetaceae	Cyberlindnera	[Candida] vartiovaarae	7	0	0	0	280	FITS-Fungi
905	Ascomycota	Saccharomycetes	Saccharomycetales	Pichiaceae	Pichia	Pichia barkeri	6	0	0	0	291	FITS-Fungi
923	Ascomycota	Saccharomycetes	Saccharomycetales	Lipomycetaceae	Lipomyces	Lipomyces lipofer	0	5	0	0	309	FITS-Fungi
287	Ascomycota	Sordariomycetes	Coniochaetales	unknown	NA	Coniochaetales sp. GMG_C4	0	16	0	10	137	18S-general eukaryotes
764	Ascomycota	Sordariomycetes	Coniochaetales	Coniochaetales	Coniochaeta	Coniochaeta sp.	12	15	0	0	150	FITS-Fungi
859	Ascomycota	Sordariomycetes	Coniochaetales	unknown			0	0	0	11	245	FITS-Fungi
969	Ascomycota	Sordariomycetes	Coniochaetales	Coniochaetales	Coniochaeta		0	0	0	1	355	FITS-Fungi
671	Ascomycota	Sordariomycetes	Diaporthales	unknown			57	49	8	0	57	FITS-Fungi
672	Ascomycota	Sordariomycetes	Diaporthales	Diaporthaceae	Diaporthe		64	24	18	6	58	FITS-Fungi
723	Ascomycota	Sordariomycetes	Diaporthales	Valsaceae	Phomopsis	Phomopsis sp. 8.4.1	0	0	0	49	109	FITS-Fungi
860	Ascomycota	Sordariomycetes	Diaporthales	Gnomoniaceae	Apiognomonina		11	0	0	0	246	FITS-Fungi
864	Ascomycota	Sordariomycetes	Diaporthales	Gnomoniaceae	Cryptosporella		0	10	0	0	250	FITS-Fungi
879	Ascomycota	Sordariomycetes	Diaporthales	Harknessiaceae	Harknessia		0	8	0	0	265	FITS-Fungi
924	Ascomycota	Sordariomycetes	Diaporthales	Gnomoniaceae	Plagiostoma		0	0	0	5	310	FITS-Fungi
666	Ascomycota	Sordariomycetes	Glomerellales	Plectosphaerellaceae	Plectosphaerella		57	37	9	26	52	FITS-Fungi
669	Ascomycota	Sordariomycetes	Glomerellales	Plectosphaerellaceae	Acrostalagmus	Acrostalagmus luteoalbus	11	72	12	30	55	FITS-Fungi
738	Ascomycota	Sordariomycetes	Glomerellales	Plectosphaerellaceae	Acremonium	Acremonium stromaticum	28	10	0	0	124	FITS-Fungi
497	Ascomycota	Sordariomycetes	Hypocreales	Nectriaceae	Ilyonectria	Ilyonectria sp.	0	76	0	0	29	CO1-protists-invertebrates
543	Ascomycota	Sordariomycetes	Hypocreales	Nectriaceae	Fusarium	Fusarium oxysporum	0	1	0	0	75	CO1-protists-invertebrates
544	Ascomycota	Sordariomycetes	Hypocreales	Nectriaceae	Thelonectria	Thelonectria veuillotiana	0	1	0	0	76	CO1-protists-invertebrates
622	Ascomycota	Sordariomycetes	Hypocreales	Nectriaceae	NA		625	634	88	255	8	FITS-Fungi
627	Ascomycota	Sordariomycetes	Hypocreales	Nectriaceae	Fusarium		311	237	55	123	13	FITS-Fungi
648	Ascomycota	Sordariomycetes	Hypocreales	unknown	Acremonium	Acremonium charticola	54	80	18	67	34	FITS-Fungi
649	Ascomycota	Sordariomycetes	Hypocreales	Bionectriaceae	Cionostachys		39	101	26	49	35	FITS-Fungi
662	Ascomycota	Sordariomycetes	Hypocreales	Hypocreaceae	Trichoderma		38	49	11	47	48	FITS-Fungi
668	Ascomycota	Sordariomycetes	Hypocreales	unknown			30	58	10	29	54	FITS-Fungi
678	Ascomycota	Sordariomycetes	Hypocreales	Nectriaceae	Fusarium	Fusarium oxysporum	22	41	11	23	64	FITS-Fungi

684	Ascomycota	Sordariomycetes	Hypocreales	Bionectriaceae	Clonostachys	Clonostachys rossmaniae	26	34	7	17	70	FITS-Fungi
685	Ascomycota	Sordariomycetes	Hypocreales	Nectriaceae	Volutella		0	32	0	52	71	FITS-Fungi
688	Ascomycota	Sordariomycetes	Hypocreales	Nectriaceae	Paracremonium		16	59	6	0	74	FITS-Fungi
690	Ascomycota	Sordariomycetes	Hypocreales	Nectriaceae	Volutella	Volutella ciliata	42	35	0	0	76	FITS-Fungi
701	Ascomycota	Sordariomycetes	Hypocreales	Nectriaceae	Aquanectria		47	7	0	7	87	FITS-Fungi
702	Ascomycota	Sordariomycetes	Hypocreales	Niesliaceae	Monocillium	Monocillium tenue	0	23	10	28	88	FITS-Fungi
709	Ascomycota	Sordariomycetes	Hypocreales	unknown	Stachybotryna	Stachybotryna excentrica	19	24	0	14	95	FITS-Fungi
736	Ascomycota	Sordariomycetes	Hypocreales	Nectriaceae	Thelonectria	Thelonectria sinensis	0	0	10	30	122	FITS-Fungi
769	Ascomycota	Sordariomycetes	Hypocreales	Cordycipitaceae	Beauveria		11	0	6	9	155	FITS-Fungi
783	Ascomycota	Sordariomycetes	Hypocreales	Clavicipitaceae	NA		12	11	0	0	169	FITS-Fungi
789	Ascomycota	Sordariomycetes	Hypocreales	Nectriaceae	NA	Nectriaceae sp. PS5	0	11	11	0	175	FITS-Fungi
794	Ascomycota	Sordariomycetes	Hypocreales	Nectriaceae	Cylindrocarpon	Cylindrocarpon sp. PB1-R7-A Lr	5	9	0	7	180	FITS-Fungi
830	Ascomycota	Sordariomycetes	Hypocreales	unknown	Acremonium	Acremonium vitellinum	0	0	0	14	216	FITS-Fungi
849	Ascomycota	Sordariomycetes	Hypocreales	Nectriaceae	Cosmospora	Cosmospora aff. viluiscula PC-2011	0	0	0	12	235	FITS-Fungi
850	Ascomycota	Sordariomycetes	Hypocreales	unknown	Acremonium	Acremonium verruculosum	12	0	0	0	236	FITS-Fungi
851	Ascomycota	Sordariomycetes	Hypocreales	unknown	NA	Hypocreales sp. Vega851	10	0	0	2	237	FITS-Fungi
865	Ascomycota	Sordariomycetes	Hypocreales	unknown	Fusariella		0	0	0	10	251	FITS-Fungi
870	Ascomycota	Sordariomycetes	Hypocreales	Bionectriaceae	Clonostachys	Clonostachys rogersoniana	0	9	0	0	256	FITS-Fungi
871	Ascomycota	Sordariomycetes	Hypocreales	Nectriaceae	Cosmospora		9	0	0	0	257	FITS-Fungi
872	Ascomycota	Sordariomycetes	Hypocreales	unknown	Acremonium	Acremonium cavaeaeum	9	0	0	0	258	FITS-Fungi
880	Ascomycota	Sordariomycetes	Hypocreales	Nectriaceae	Fusarium	Fusarium sarcochrom	0	8	0	0	266	FITS-Fungi
906	Ascomycota	Sordariomycetes	Hypocreales	Stachybotryaceae	Stachybotrys		0	0	0	6	292	FITS-Fungi
907	Ascomycota	Sordariomycetes	Hypocreales	unknown	Verticillium	Verticillium biguttatum	6	0	0	0	293	FITS-Fungi
925	Ascomycota	Sordariomycetes	Hypocreales	Bionectriaceae	Clonostachys	Clonostachys candelabrum	0	5	0	0	311	FITS-Fungi
949	Ascomycota	Sordariomycetes	Hypocreales	Nectriaceae	Neonectria		0	0	3	0	335	FITS-Fungi
815	Ascomycota	Sordariomycetes	Lulworthiales	Lulworthiaceae	Lulworthia	Lulworthia sp. 107aA	8	7	0	2	201	FITS-Fungi
711	Ascomycota	Sordariomycetes	Magnaporthales	Ophiocercaceae	Pseudohalonestri	Pseudohalonestria lutea	15	30	5	6	97	FITS-Fungi
926	Ascomycota	Sordariomycetes	Magnaporthales	Magnaporthaceae	Omnidemptus	Omnidemptus graminis	0	0	0	5	312	FITS-Fungi
970	Ascomycota	Sordariomycetes	Magnaporthales	Magnaporthaceae	Gaeumannomyces		1	0	0	0	356	FITS-Fungi
657	Ascomycota	Sordariomycetes	Microascales	unknown			49	90	0	26	43	FITS-Fungi
734	Ascomycota	Sordariomycetes	Microascales	Microasceae	Petriella	Petriella musispora	0	23	4	15	120	FITS-Fungi
739	Ascomycota	Sordariomycetes	Microascales	Halosphaeriaceae	Remispora	Remispora stellata	13	0	23	1	125	FITS-Fungi
820	Ascomycota	Sordariomycetes	Microascales	Ceratocystidaceae	Chalaropsis	Chalaropsis thielavioides	0	0	16	0	206	FITS-Fungi
646	Ascomycota	Sordariomycetes	Sordariales	Lasiosphaeriaceae	NA		46	88	4	108	32	FITS-Fungi
698	Ascomycota	Sordariomycetes	Sordariales	Chaetomiaceae	NA		0	6	0	57	84	FITS-Fungi
716	Ascomycota	Sordariomycetes	Sordariales	Lasiosphaeriaceae	Apodus	Apodus deciduus	7	26	9	11	102	FITS-Fungi
730	Ascomycota	Sordariomycetes	Sordariales	Lasiosphaeriaceae	Cercophora	Cercophora sparsa	45	0	0	0	116	FITS-Fungi
740	Ascomycota	Sordariomycetes	Sordariales	unknown		[Phialophora] cyclaminis	6	18	0	13	126	FITS-Fungi
770	Ascomycota	Sordariomycetes	Sordariales	Sordariaceae	NA		5	12	0	9	156	FITS-Fungi
831	Ascomycota	Sordariomycetes	Sordariales	Chaetomiaceae	Humicola	Humicola parvispora	14	0	0	0	217	FITS-Fungi
873	Ascomycota	Sordariomycetes	Sordariales	Chaetomiaceae	Zopfiella	Zopfiella lundqvisti	5	0	0	4	259	FITS-Fungi
895	Ascomycota	Sordariomycetes	Sordariales	unknown	Ramophialophora	Ramophialophora humicola	3	0	0	4	281	FITS-Fungi
927	Ascomycota	Sordariomycetes	Sordariales	Chaetomiaceae	Zopfiella	Zopfiella sp. BAB-4618	5	0	0	0	313	FITS-Fungi
695	Ascomycota	Sordariomycetes	Trichosphaeriales	Trichosphaeriaceae	Nigrospora	Nigrospora oryzae	49	0	0	19	81	FITS-Fungi
482	Ascomycota	Sordariomycetes	unknown	unknown	NA		46	157	0	51	14	CO1-protists-invertebrates
626	Ascomycota	Sordariomycetes	unknown	unknown	NA		303	126	117	372	12	CO1-protists-invertebrates
687	Ascomycota	Sordariomycetes	unknown	unknown	Trichocladium		0	53	29	0	73	FITS-Fungi
629	Ascomycota	Sordariomycetes	Xylariales	Microdochiaceae	Ildriella	Ildriella lunata	293	177	34	111	15	FITS-Fungi
835	Ascomycota	Sordariomycetes	Xylariales	Microdochiaceae	Microdochium	Microdochium phragmitis	13	0	0	0	221	FITS-Fungi
908	Ascomycota	Sordariomycetes	Xylariales	Sporocadaceae	Bartalinia	Bartalinia robillardoides	3	1	0	2	294	FITS-Fungi
942	Ascomycota	Sordariomycetes	Xylariales	Apiosporaceae	Arthrimum		4	0	0	0	328	FITS-Fungi
170	Ascomycota	unknown	unknown	unknown			199	135	70	266	20	18S-general eukaryotes
208	Ascomycota	unknown	unknown	unknown	Tetracladium		35	39	9	55	58	18S-general eukaryotes
529	Ascomycota	unknown	unknown	unknown	Tetracladium		12	0	0	0	61	CO1-protists-invertebrates
621	Ascomycota	unknown	unknown	unknown			452	570	157	441	7	FITS-Fungi
635	Ascomycota	unknown	unknown	unknown	Coniosporium		346	74	34	12	21	FITS-Fungi
675	Ascomycota	unknown	unknown	unknown	Tetracladium	Tetracladium breve	63	38	1	0	61	FITS-Fungi
682	Ascomycota	unknown	unknown	unknown	Tetracladium		68	2	0	15	68	FITS-Fungi
771	Ascomycota	unknown	unknown	unknown	Lemonniera	Lemonniera aquatica	0	0	16	10	157	FITS-Fungi
795	Ascomycota	unknown	unknown	unknown	Tricellula	Tricellula aquatica	11	10	0	0	181	FITS-Fungi
805	Ascomycota	unknown	unknown	unknown	Camposporium		0	19	0	0	191	FITS-Fungi
861	Ascomycota	unknown	unknown	unknown	Tricellula	Tricellula inaequalis	11	0	0	0	247	FITS-Fungi
896	Ascomycota	unknown	unknown	unknown	Chaetopsis	Chaetopsis grisea	4	3	0	0	282	FITS-Fungi
950	Ascomycota	unknown	unknown	unknown	Candelabrum	Candelabrum spinulosum	3	0	0	0	336	FITS-Fungi
42	Bacillariophyta	Bacillariophyceae	Bacillariales	Bacillariaceae	Nitzschia		53	0	40	0	42	16S-bacteria and archaea
52	Bacillariophyta	Bacillariophyceae	Bacillariales	Bacillariaceae	Cylindrotheca	Cylindrotheca closterium	34	0	29	0	52	16S-bacteria and archaea
156	Bacillariophyta	Bacillariophyceae	Bacillariales	Bacillariaceae	NA		788	9	634	168	6	18S-general eukaryotes
186	Bacillariophyta	Bacillariophyceae	Bacillariales	Bacillariaceae	Nitzschia	Nitzschia amphibia	95	186	0	0	36	18S-general eukaryotes
232	Bacillariophyta	Bacillariophyceae	Bacillariales	Bacillariaceae	Nitzschia		3	1	63	1	82	18S-general eukaryotes
239	Bacillariophyta	Bacillariophyceae	Bacillariales	Bacillariaceae	Nitzschia	Nitzschia communis	56	0	0	0	89	18S-general eukaryotes
243	Bacillariophyta	Bacillariophyceae	Bacillariales	Bacillariaceae	Nitzschia	Nitzschia palea	39	13	2	0	93	18S-general eukaryotes
385	Bacillariophyta	Bacillariophyceae	Bacillariales	Bacillariaceae	Cylindrotheca		0	5	3	0	235	18S-general eukaryotes
386	Bacillariophyta	Bacillariophyceae	Bacillariales	Bacillariaceae	Nitzschia	Nitzschia sp. (in: Bacillariophyta)	6	1	1	0	236	18S-general eukaryotes
472	Bacillariophyta	Bacillariophyceae	Bacillariales	Bacillariaceae	Nitzschia	Nitzschia cf. promare	804	0	979	104	4	CO1-protists-invertebrates
487	Bacillariophyta	Bacillariophyceae	Bacillariales	Bacillariaceae	Nitzschia	Nitzschia cf. recta RT-2009	151	0	3	0	19	CO1-protists-invertebrates
489	Bacillariophyta	Bacillariophyceae	Bacillariales	Bacillariaceae	Nitzschia	Nitzschia palea	31	0	111	1	21	CO1-protists-invertebrates
521	Bacillariophyta	Bacillariophyceae	Bacillariales	Bacillariaceae	Pseudo-nitzschia		0	0	23	0	53	CO1-protists-invertebrates
220	Bacillariophyta	Bacillariophyceae	Cocconeidales	Cocconeidaceae	Cocconeis		0	24	33	34	70	18S-general eukaryotes
99	Bacillariophyta	Bacillariophyceae	Cymbellales	Gomphonemataceae	Didymosphenia	Didymosphenia geminata	0	0	16	0	99	16S-bacteria and archaea
166	Bacillariophyta	Bacillariophyceae	Cymbellales	Gomphonemataceae	Gomphonema		56	778	52	0	16	18S-general eukaryotes
288	Bacillariophyta	Bacillariophyceae	Cymbellales	Gomphonemataceae	Didymosphenia	Didymosphenia geminata	0	0	26	0	138	18S-general eukaryotes
377	Bacillariophyta	Bacillariophyceae	Cymbellales	Rhoicospheniaceae	Rhoicosphenia	Rhoicosphenia cf. abbreviata EWT-2016	1	5	3	0	227	18S-general eukaryotes
491	Bacillariophyta	Bacillariophyceae	Cymbellales	Gomphonemataceae	Gomphonema	Gomphonema parvulum	17	118	0	0	23	CO1-protists-invertebrates
756	Bacillariophyta	Bacillariophyceae	Cymbellales	Gomphonemataceae	Gomphonema	Gomphonema parvulum	0	29	0	0	142	FITS-Fungi
201	Bacillariophyta	Bacillariophyceae	Eunotiales	Eunotiaceae	Eunotia		0	166	0	0	51	18S-general eukaryotes
75	Bacillariophyta	Bacillariophyceae	Naviculales	Naviculaceae	Navicula	Navicula ramosissima	33	0	0	0	75	16S-bacteria and archaea
151	Bacillariophyta	Bacillariophyceae	Naviculales	Naviculaceae	Navicula		7187	1300	1257	178	1	18S-general eukaryotes
153	Bacillariophyta	Bacillariophyceae	Naviculales	Naviculaceae	NA		1104	6358	79	43	3	18S-general eukaryotes
204	Bacillariophyta	Bacillariophyceae	Naviculales	unknown			4	147	2	0	54	18S-general eukaryotes
258	Bacillariophyta	Bacillariophyceae	Naviculales	Naviculaceae	Navicula	Navicula pseudacceptata	39	0	0	0	108	18S-general eukaryotes
323	Bacillariophyta	Bacillariophyceae	Naviculales	Pleurosigmaeae	NA		0	0	16	0	173	18S-general eukaryotes
332	Bacillariophyta	Bacillariophyceae	Naviculales	Sellaphoraceae	NA		0	0	15	0	182	18S-general eukaryotes
339	Bacillariophyta	Bacillariophyceae	Naviculales	Pinnulariaceae	Pinnularia	Pinnularia subgibba	7	4	3	0	189	18S-general eukaryotes
358	Bacillariophyta	Bacillariophyceae	Naviculales	Naviculaceae	Navicula	Navicula arenaria	0	11	0	0	208	18S-general eukaryotes
400	Bacillariophyta	Bacillariophyceae	Naviculales	Plagiotropidaceae	NA		1	5	0	0	250	18S-general eukaryotes
435	Bacillariophyta	Bacillariophyceae	Naviculales	Naviculaceae	Navicula	Navicula phyllepta	3	0	0	0	285	18S-general eukaryotes
476	Bacillariophyta	Bacillariophyceae	Naviculales	Naviculaceae	Navicula	Navicula sp. BOLD:AAO6951	332	75	0	0	8	CO1-protists-invertebrates
490	Bacillariophyta	Bacillariophyceae	Naviculales	Naviculaceae	Navicula	Navicula ramosissima	32	34	77	0	22	CO1-protists-invertebrates
502	Bacillariophyta	Bacillariophyceae	Naviculales	Sellaphoraceae	Sellaphora	Sellaphora pupula	27	0	0	29	33	CO1-protists-invertebrates
512	Bacillariophyta	Bacillariophyceae	Naviculales	Pinnulariaceae	Pinnularia	Pinnularia sp. 9 CS-2011	0	33	0	0	44	CO1-protists-invertebrates
545	Bacillariophyta	Bacillariophyceae	Naviculales	Pinnulariaceae	Pinnularia	Pinnularia viridiformis	0	0	0	1	77	CO1-protists-invertebrates
909	Bacillariophyta	Bacillariophyceae	Naviculales	Naviculaceae	Navicula	Navicula sp. ETS 07	0	0	6	0	295	FITS-Fungi

33	Bacillariophyta	Bacillariophyceae	Surirellales	Surirellaceae	Cymatopleura	Cymatopleura solea	122	0	0	0	33	16S-bacteria and archaea
155	Bacillariophyta	Bacillariophyceae	Surirellales	Surirellaceae	Surirella		445	104	1094	48	5	18S-general eukaryotes
182	Bacillariophyta	Bacillariophyceae	Thalassiosiphysale	Catenulaceae	Amphora		116	190	15	35	32	18S-general eukaryotes
316	Bacillariophyta	Bacillariophyceae	Thalassiosiphysale	Catenulaceae	Amphora	Amphora cf. proteus	0	0	17	0	166	18S-general eukaryotes
317	Bacillariophyta	Bacillariophyceae	Thalassiosiphysale	Catenulaceae	Amphora	Amphora normanii	0	7	10	0	167	18S-general eukaryotes
21	Bacillariophyta	Bacillariophyceae	unknown	unknown	NA		0	8	164	0	21	18S-bacteria and archaea
164	Bacillariophyta	Bacillariophyceae	unknown	unknown	NA		336	120	460	31	14	18S-general eukaryotes
481	Bacillariophyta	Bacillariophyceae	unknown	unknown	NA		0	0	229	37	13	CO1-protists-invertebrates
458	Bacillariophyta	Coccinodiscophy	Chaetocerotales	Chaetocerotaceae	Chaetoceros		0	1	0	0	308	18S-general eukaryotes
2	Bacillariophyta	Coccinodiscophy	Melosirales	Melosiraceae	Melosira	Melosira varians	0	0	1635	0	2	16S-bacteria and archaea
240	Bacillariophyta	Coccinodiscophy	Melosirales	Stephanopyxidaceae	Stephanopyxis	Stephanopyxis turris	29	21	0	6	90	18S-general eukaryotes
538	Bacillariophyta	Coccinodiscophy	Melosirales	unknown	unknown		0	0	5	0	70	CO1-protists-invertebrates
311	Bacillariophyta	Coccinodiscophy	Thalassiosirales	Stephanodiscaceae	Cyclotella	Cyclotella meneghiniana	0	18	0	0	161	18S-general eukaryotes
333	Bacillariophyta	Coccinodiscophy	Thalassiosirales	unknown	unknown		6	3	0	6	183	18S-general eukaryotes
504	Bacillariophyta	Fragilariophyceae	Fragilariales	Fragilariaceae	Asterionella	Asterionella formosa	46	0	0	0	36	CO1-protists-invertebrates
206	Bacillariophyta	Fragilariophyceae	Licmophorales	Ulnariaceae	Ulnaria		23	83	41	0	56	18S-general eukaryotes
436	Bacillariophyta	Fragilariophyceae	unknown	unknown	NA		3	0	0	0	286	18S-general eukaryotes
10	Bacillariophyta	unknown	unknown	unknown	unknown		0	235	257	0	10	16S-bacteria and archaea
154	Bacillariophyta	unknown	unknown	unknown	unknown		888	1636	590	221	4	18S-bacteria and archaea
117	Bacteroidetes	Bacteroidia	unknown	unknown	NA		0	0	0	2	117	16S-bacteria and archaea
53	Bacteroidetes	Chitinophagia	Chitinophagales	Chitinophagaceae	NA		16	46	0	1	53	16S-bacteria and archaea
61	Bacteroidetes	Chitinophagia	Chitinophagales	Chitinophagaceae	Terrimonas	Terrimonas sp. K-4	44	0	2	0	61	16S-bacteria and archaea
91	Bacteroidetes	Chitinophagia	Chitinophagales	Chitinophagaceae	Ferruginibacter		0	0	0	22	91	16S-bacteria and archaea
37	Bacteroidetes	Cytophagia	Cytophagales	unknown	unknown		34	0	39	40	37	16S-bacteria and archaea
41	Bacteroidetes	Cytophagia	Cytophagales	Cyclobacteriaceae	Algoriphagus		42	0	19	33	41	16S-bacteria and archaea
59	Bacteroidetes	Cytophagia	Cytophagales	Cytophagaceae	NA		23	1	8	21	59	16S-bacteria and archaea
62	Bacteroidetes	Cytophagia	Cytophagales	Cytophagaceae	Lachnabittans		46	0	0	0	62	16S-bacteria and archaea
77	Bacteroidetes	Cytophagia	Cytophagales	Cytophagaceae	Ohtaekwangia	Ohtaekwangia sp.	22	0	0	10	77	16S-bacteria and archaea
95	Bacteroidetes	Cytophagia	Cytophagales	Amoebophilaceae	Candidatus Amoc	Candidatus Amoebophilus asiaticus	0	18	0	0	95	16S-bacteria and archaea
102	Bacteroidetes	Cytophagia	Cytophagales	Cytophagaceae	Ermicicia	Ermicicia sp. HMF3825	14	0	0	0	102	16S-bacteria and archaea
125	Bacteroidetes	Cytophagia	Cytophagales	Flammeovirgaceae	NA		1	0	0	0	125	16S-bacteria and archaea
126	Bacteroidetes	Cytophagia	Cytophagales	Hymenobacteraceae	Adhaeribacter		0	0	0	1	126	16S-bacteria and archaea
127	Bacteroidetes	Cytophagia	Cytophagales	unknown	NA		1	0	0	0	127	16S-bacteria and archaea
7	Bacteroidetes	Flavobacteriia	Flavobacteriales	Flavobacteriaceae	Flavobacterium	Cytophagales bacterium	203	107	118	232	7	16S-bacteria and archaea
17	Bacteroidetes	Flavobacteriia	Flavobacteriales	Flavobacteriaceae	NA		17	0	60	128	17	16S-bacteria and archaea
128	Bacteroidetes	Flavobacteriia	Flavobacteriales	unknown	unknown		0	0	0	1	128	16S-bacteria and archaea
34	Bacteroidetes	Saprospiria	Saprosiriales	unknown	unknown		79	36	1	0	34	16S-bacteria and archaea
56	Bacteroidetes	Saprospiria	Saprosiriales	Lewinellaceae	Lewinella		1	15	43	0	56	16S-bacteria and archaea
110	Bacteroidetes	Saprospiria	Saprosiriales	Saprosiraceae	NA		4	0	0	0	110	16S-bacteria and archaea
118	Bacteroidetes	Saprospiria	Saprosiriales	Lewinellaceae	Lewinella	Lewinella nigricans	2	0	0	0	118	16S-bacteria and archaea
39	Bacteroidetes	Sphingobacteriia	Sphingobacteriales	unknown	NA	Sphingobacteriales bacterium TP498	99	0	0	0	39	16S-bacteria and archaea
51	Bacteroidetes	Sphingobacteriia	Sphingobacteriales	unknown	unknown	Sphingobacteriales bacterium	62	0	0	2	51	16S-bacteria and archaea
22	Bacteroidetes	unknown	unknown	unknown	unknown		107	4	44	12	22	16S-bacteria and archaea
196	Basidiomycota	Agaricomycetes	Agaricales	unknown	unknown		54	101	0	38	46	18S-general eukaryotes
307	Basidiomycota	Agaricomycetes	Agaricales	Physalacriaceae	Armillaria	Armillaria mellea	0	0	0	20	157	18S-general eukaryotes
650	Basidiomycota	Agaricomycetes	Agaricales	Strophariaceae	Pholiota		24	156	0	28	36	FITS-Fungi
694	Basidiomycota	Agaricomycetes	Agaricales	Physalacriaceae	Armillaria	Armillaria mellea	0	1	1	67	80	FITS-Fungi
881	Basidiomycota	Agaricomycetes	Agaricales	Physalacriaceae	Armillaria		1	1	6	0	267	FITS-Fungi
910	Basidiomycota	Agaricomycetes	Agaricales	Psathyrellaceae	Psathyrella		6	0	0	0	296	FITS-Fungi
943	Basidiomycota	Agaricomycetes	Agaricales	Psathyrellaceae	Coprinopsis		3	1	0	0	329	FITS-Fungi
753	Basidiomycota	Agaricomycetes	Boletales	Pisolithaceae	Pisolithus		4	14	5	7	139	FITS-Fungi
806	Basidiomycota	Agaricomycetes	Boletales	Melanogastraceae	Alpova		0	0	1	18	192	FITS-Fungi
928	Basidiomycota	Agaricomycetes	Boletales	Serpulaceae	Serpula	Serpula himantoides	5	0	0	0	314	FITS-Fungi
437	Basidiomycota	Agaricomycetes	Cantharellales	Ceratobasidiaceae	Rhizoctonia	Rhizoctonia solani	0	0	0	3	287	18S-general eukaryotes
703	Basidiomycota	Agaricomycetes	Corticiales	Corticaceae	Subulcystidium		1	27	33	0	89	FITS-Fungi
836	Basidiomycota	Agaricomycetes	Corticiales	Corticaceae	Subulcystidium	Subulcystidium perlongisporum	9	0	0	4	222	FITS-Fungi
929	Basidiomycota	Agaricomycetes	Corticiales	Corticaceae	Lyomyces	Lyomyces sambuci	2	3	0	0	315	FITS-Fungi
911	Basidiomycota	Agaricomycetes	Hymenochaetales	Schizoporaceae	Schizopora		0	6	0	0	297	FITS-Fungi
784	Basidiomycota	Agaricomycetes	Phallales	Phallaceae	Phallus	Phallus hadriani	2	21	0	0	170	FITS-Fungi
757	Basidiomycota	Agaricomycetes	Polyporales	Podocypaceae	Abortiporus	Abortiporus biennis	15	13	0	1	143	FITS-Fungi
401	Basidiomycota	Agaricomycetes	unknown	unknown	NA		0	3	0	3	251	18S-general eukaryotes
427	Basidiomycota	Agaricostilbomyc	Agaricostilbales	Kondoaceae	Kondoa		0	0	0	4	277	18S-general eukaryotes
670	Basidiomycota	Cystobasidiomyc	Cystobasidiales	Cystobasidiaceae	Cystobasidium		62	0	0	57	56	FITS-Fungi
852	Basidiomycota	Cystobasidiomyc	Cystobasidiales	unknown	NA	Cystobasidiales sp.	0	0	12	0	238	FITS-Fungi
853	Basidiomycota	Cystobasidiomyc	Erythrobasidiales	Erythrobasidiaceae	Erythrobasidium		12	0	0	0	239	FITS-Fungi
854	Basidiomycota	Cystobasidiomyc	Erythrobasidiales	Erythrobasidiaceae	NA	Erythrobasidium clade sp. LM485	12	0	0	0	240	FITS-Fungi
837	Basidiomycota	Cystobasidiomyc	unknown	Symmetrosporaceae	Symmetrospora		13	0	0	0	223	FITS-Fungi
930	Basidiomycota	Cystobasidiomyc	unknown	NA	Cystobasidiomycetes sp.		5	0	0	0	316	FITS-Fungi
971	Basidiomycota	Cystobasidiomyc	unknown	unknown	Buckleyzyma	Buckleyzyma aurantiaca	1	0	0	0	357	FITS-Fungi
838	Basidiomycota	Dacrymycetes	Dacrymycetiales	Dacrymycetaceae	Dacryopinax	Dacryopinax primogenitus	4	9	0	0	224	FITS-Fungi
679	Basidiomycota	Microbotryomyc	Leucosporidiales	Leucosporidiaceae	Leucosporidium	Leucosporidium scottii	29	28	8	31	65	FITS-Fungi
972	Basidiomycota	Microbotryomyc	Leucosporidiales	Leucosporidiaceae	Leucosporidium	Leucosporidium fasciculatum	0	0	1	0	358	FITS-Fungi
413	Basidiomycota	Microbotryomyc	Sporidiobolales	Sporidiobolaceae	NA		5	0	0	0	263	18S-general eukaryotes
654	Basidiomycota	Microbotryomyc	Sporidiobolales	Sporidiobolaceae	Rhodotorula	Rhodotorula diobovata	14	0	0	175	40	FITS-Fungi
663	Basidiomycota	Microbotryomyc	Sporidiobolales	Sporidiobolaceae	Rhodotorula	Rhodotorula mucilaginosa	32	12	0	100	49	FITS-Fungi
816	Basidiomycota	Microbotryomyc	Sporidiobolales	Sporidiobolaceae	Rhodotorula	Rhodotorula kratochvilovae	0	13	2	2	202	FITS-Fungi
817	Basidiomycota	Microbotryomyc	Sporidiobolales	unknown	NA	Sporidiobolales sp. LM531	17	0	0	0	203	FITS-Fungi
944	Basidiomycota	Microbotryomyc	Sporidiobolales	Sporidiobolaceae	NA		1	3	0	0	330	FITS-Fungi
973	Basidiomycota	Microbotryomyc	Sporidiobolales	Sporidiobolaceae	Sporobolomyces	Sporobolomyces lactosus	1	0	0	0	359	FITS-Fungi
674	Basidiomycota	Microbotryomyc	unknown	unknown	Curvibasidium	Curvibasidium cygneicollum	92	17	0	0	60	FITS-Fungi
758	Basidiomycota	Microbotryomyc	unknown	unknown	Curvibasidium		20	1	8	0	144	FITS-Fungi
762	Basidiomycota	Microbotryomyc	unknown	unknown	NA		0	0	0	28	148	FITS-Fungi
839	Basidiomycota	Microbotryomyc	unknown	Chrysozymaceae	Slooffia	Slooffia cresolica	3	10	0	0	225	FITS-Fungi
276	Basidiomycota	Pucciniomycetes	Pucciniales	Melampsoraceae	Melampsora		0	0	1	29	126	18S-general eukaryotes
173	Basidiomycota	Tremellomycetes	Cystofilobasidiales	Mrakiacae	NA		334	10	8	151	23	18S-general eukaryotes
624	Basidiomycota	Tremellomycetes	Cystofilobasidiales	Mrakiacae	Tausonia	Tausonia pullulans	288	46	42	785	10	FITS-Fungi
699	Basidiomycota	Tremellomycetes	Cystofilobasidiales	Cystofilobasidiaceae	Cystofilobasidium	Cystofilobasidium capitatum	26	23	0	14	85	FITS-Fungi
882	Basidiomycota	Tremellomycetes	Cystofilobasidiales	Cystofilobasidiaceae	Cystofilobasidium	Cystofilobasidium infirmominium	0	0	0	8	268	FITS-Fungi
171	Basidiomycota	Tremellomycetes	Filobasidiales	unknown	unknown		133	60	78	304	21	18S-general eukaryotes
459	Basidiomycota	Tremellomycetes	Filobasidiales	Piskurozymaceae	Solicozozyma	Solicozozyma terricola	0	0	0	1	309	18S-general eukaryotes
620	Basidiomycota	Tremellomycetes	Filobasidiales	Filobasidiaceae	Naganishia	Naganishia globosa	885	107	105	915	6	FITS-Fungi
625	Basidiomycota	Tremellomycetes	Filobasidiales	unknown	unknown		215	132	123	508	11	FITS-Fungi
660	Basidiomycota	Tremellomycetes	Filobasidiales	Piskurozymaceae	Solicozozyma	Solicozozyma aerea	42	34	29	51	46	FITS-Fungi
661	Basidiomycota	Tremellomycetes	Filobasidiales	Piskurozymaceae	Solicozozyma		0	146	1	0	47	FITS-Fungi
680	Basidiomycota	Tremellomycetes	Filobasidiales	Filobasidiaceae	Filobasidium	Filobasidium magnum	39	0	2	46	66	FITS-Fungi
696	Basidiomycota	Tremellomycetes	Filobasidiales	Piskurozymaceae	Solicozozyma	Solicozozyma terreus	35	0	1	29	82	FITS-Fungi
719	Basidiomycota	Tremellomycetes	Filobasidiales	Filobasidiaceae	Filobasidium		44	0	0	8	105	FITS-Fungi
832	Basidiomycota	Tremellomycetes	Filobasidiales	Filobasidiaceae	Filobasidium	Filobasidium oerense	14	0	0	0	218	FITS-Fungi
840	Basidiomycota	Tremellomycetes	Filobasidiales	Filobasidiaceae	Filobasidium	Filobasidium uniguttulatum	5	0	2	6	226	FITS-Fungi
955	Basidiomycota	Tremellomycetes	Filobasidiales	Piskurozymaceae	Solicozozyma	Solicozozyma terricola	2	0	0	0	341	FITS-Fungi
289	Basidiomycota	Tremellomycetes	Tremellales	unknown	unknown		0	11	0	15	139	18S-general eukaryotes
378	Basidiomycota	Tremellomycetes	Tremellales	Tremellaceae	Tremella	Tremella brasiliensis	0	0	0	9	228	18S-general eukaryotes
665	Basidiomycota	Tremellomycetes	Tremellales	unknown	unknown		74	0	16	50	51	FITS-Fungi
796	Basidiomycota	Tremellomycetes	Tremellales	Cryptococcaceae	Cryptococcus		1	0	0	20	182	FITS-Fungi
821	Basidiomycota	Tremellomycetes	Tremellales	Bulleribasidiaceae	Vishniacozyma	Vishniacozyma victoriae	6	4	6	0	207	FITS-Fungi

833	Basidiomycota	Tremellomycetes	Tremellales	Trimorphomycetac	Trimorphomycetes	Trimorphomycetes papilionaceus	14	0	0	0	219	FITS-Fungi
841	Basidiomycota	Tremellomycetes	Tremellales	Rhynchogastremat	Papiliotrema	Papiliotrema laurentii	0	0	0	13	227	FITS-Fungi
883	Basidiomycota	Tremellomycetes	Tremellales	Rhynchogastremat	Papiliotrema		0	0	0	8	269	FITS-Fungi
912	Basidiomycota	Tremellomycetes	Tremellales	Cryptococcaceae	Cryptococcus	Cryptococcus sp. 2 IA06	6	0	0	0	298	FITS-Fungi
913	Basidiomycota	Tremellomycetes	Tremellales	Cryptococcaceae	Cryptococcus	Cryptococcus sp. S-27	0	6	0	0	299	FITS-Fungi
931	Basidiomycota	Tremellomycetes	Tremellales	Bulleribasidiaceae	Vishniacozyma	Vishniacozyma globospora	5	0	0	0	317	FITS-Fungi
945	Basidiomycota	Tremellomycetes	Tremellales	Bulleraceae	Fonsecazyma		4	0	0	0	331	FITS-Fungi
951	Basidiomycota	Tremellomycetes	Tremellales	Tremellaceae	Tremella	Tremella sp.	0	3	0	0	337	FITS-Fungi
956	Basidiomycota	Tremellomycetes	Tremellales	Phaeotremellaceae	Phaeotremella	Phaeotremella sp.	0	0	0	2	342	FITS-Fungi
974	Basidiomycota	Tremellomycetes	Tremellales	Trimorphomycetac	Saitozyma	Saitozyma paraffava	1	0	0	0	360	FITS-Fungi
267	Basidiomycota	Tremellomycetes	Trichosporonales	Trichosporonaceae	Apiotrichum	Apiotrichum laibachii	16	18	0	0	117	18S-general eukaryotes
279	Basidiomycota	Tremellomycetes	Trichosporonales	unknown	NA	Trichosporonales sp. LM392	28	0	0	0	129	18S-general eukaryotes
714	Basidiomycota	Tremellomycetes	Trichosporonales	Trichosporonaceae	Cutaneotrichosporo	Cutaneotrichosporon smithiae	17	22	15	0	100	FITS-Fungi
765	Basidiomycota	Tremellomycetes	Trichosporonales	Trichosporonaceae	Trichosporon	Trichosporon cavernicola	0	0	21	6	151	FITS-Fungi
826	Basidiomycota	Tremellomycetes	Trichosporonales	Tetragonomycetac	Cryptotrichosporo	Cryptotrichosporon anacardii	13	0	2	0	212	FITS-Fungi
175	Basidiomycota	Tremellomycetes	unknown	unknown	NA		112	35	7	323	25 18S-general eukaryotes	
632	Basidiomycota	Tremellomycetes	unknown	unknown	NA		123	49	42	308	18 FITS-Fungi	
359	Basidiomycota	unknown	unknown	unknown	unk		4	0	0	7	209	18S-general eukaryotes
731	Basidiomycota	Wallemiomycetes	Wallemiales	Wallemiaceae	Wallemia		12	7	5	21	117	FITS-Fungi
351	Cercozoa	Chlorarachniophy	unknown	unknown	Minorisa	Minorisa minuta	0	12	0	0	201	18S-general eukaryotes
162	Cercozoa	Thecofilosea	Cryomonadida	Rhogostomidae	Rhogostoma	Rhogostoma schuessleri	409	151	80	364	12 18S-general eukaryotes	
285	Cercozoa	Thecofilosea	Cryomonadida	Rhogostomidae	Rhogostoma	Capcellina sp. ATCC 50039	0	0	0	27	135	18S-general eukaryotes
402	Cercozoa	Thecofilosea	Cryomonadida	Rhogostomidae	Sacciforma	Sacciforma saciformis	6	0	0	0	252	18S-general eukaryotes
160	Cercozoa	Thecofilosea	unknown	unknown	Trachythizium	Trachythizium	237	192	597	42	10	18S-general eukaryotes
369	Cercozoa	Thecofilosea	unknown	unknown	Fisculia	Trachythizium urniformis	2	1	0	7	219	18S-general eukaryotes
217	Cercozoa	unknown	Cercomonadida	Cercomonadidae	NA		44	2	11	53	67	18S-general eukaryotes
235	Cercozoa	unknown	Cercomonadida	Cercomonadidae	Eocercomonas		5	43	0	14	85	18S-general eukaryotes
300	Cercozoa	unknown	Cercomonadida	Cercomonadidae	Neocercomonas	Neocercomonas sp.	6	8	0	8	150	18S-general eukaryotes
301	Cercozoa	unknown	Cercomonadida	Cercomonadidae	Paracercomonas		8	14	0	0	151	18S-general eukaryotes
395	Cercozoa	unknown	Cercomonadida	Cercomonadidae	Paracercomonas	Paracercomonas paraciacinaegerens	0	3	0	4	245	18S-general eukaryotes
414	Cercozoa	unknown	Cercomonadida	Cercomonadidae	Cercomonas		0	0	3	2	264	18S-general eukaryotes
415	Cercozoa	unknown	Cercomonadida	Cercomonadidae	Cercomonas	Cercomonas mutans	0	5	0	0	265	18S-general eukaryotes
416	Cercozoa	unknown	Cercomonadida	Cercomonadidae	Paracercomonas	Paracercomonas sp. 9-NZ	5	0	0	0	266	18S-general eukaryotes
177	Cercozoa	unknown	Euglyphida	Sphenoderiidae	Sphenoderia	Sphenoderia pseudominuta	150	48	40	186	27 18S-general eukaryotes	
207	Cercozoa	unknown	Euglyphida	unknown	unknown		32	34	8	72	57 18S-general eukaryotes	
248	Cercozoa	unknown	Euglyphida	Cyphoderiidae	Cyphoderia		0	46	0	0	98	18S-general eukaryotes
272	Cercozoa	unknown	Euglyphida	Euglyphidae	Euglypha		28	4	0	1	122	18S-general eukaryotes
308	Cercozoa	unknown	Euglyphida	Euglyphidae	Euglypha	Euglypha tuberculata	10	0	0	9	158	18S-general eukaryotes
318	Cercozoa	unknown	Euglyphida	Euglyphidae	Euglypha	Euglypha rotunda	0	10	0	7	168	18S-general eukaryotes
438	Cercozoa	unknown	Euglyphida	Euglyphidae	Euglypha	Euglypha filifera	0	3	0	0	288	18S-general eukaryotes
513	Cercozoa	unknown	Euglyphida	Cyphoderiidae	Cyphoderia	Cyphoderia cf. compressa	32	0	0	0	45	CO1-protists-invertebrates
324	Cercozoa	unknown	Glissomonadida	Viridraportidae	Allantion	Allantion sp. CCAP 1906/1	0	8	8	0	174	18S-general eukaryotes
428	Cercozoa	unknown	Glissomonadida	Viridraportidae	NA		0	4	0	0	278	18S-general eukaryotes
446	Cercozoa	unknown	Plasmodiophoridae	Plasmodiophoridae	Polymyxa	Polymyxa graminis	2	0	0	0	296	18S-general eukaryotes
403	Cercozoa	unknown	Spongomonadida	Spongomonadidae	Spongomonas	Spongomonas minima	0	0	0	6	253	18S-general eukaryotes
209	Cercozoa	unknown	Thaumatomonadi	Thaumatomastigida	Peregrinia	Peregrinia claviferens	90	30	0	15	59	18S-general eukaryotes
222	Cercozoa	unknown	Thaumatomonadi	Thaumatomastigida	Thaumatomonas		50	14	0	22	72	18S-general eukaryotes
439	Cercozoa	unknown	Thaumatomonadi	Thaumatomastigida	Protospis		0	3	0	0	289	18S-general eukaryotes
179	Cercozoa	unknown	unknown	unknown	unknown		117	64	39	187	29 18S-general eukaryotes	
280	Cercozoa	unknown	unknown	unknown	Gymnophrys	Gymnophrys sp. COHH 17	4	0	0	24	130	18S-general eukaryotes
290	Cercozoa	unknown	Vampyrellida	Leptophryidae	NA		24	0	2	0	140	18S-general eukaryotes
404	Cercozoa	unknown	Vampyrellida	Leptophryidae	Platyreta	Platyreta germanica	0	6	0	0	254	18S-general eukaryotes
45	Chloroflexi	Anaerolineae	Anaerolineales	Anaerolineaceae	Thermomarinilinea	Thermomarinilinea sp.	79	1	0	1	45	16S-bacteria and archaea
88	Chloroflexi	Anaerolineae	Anaerolineales	Anaerolineaceae	NA	Anaerolineaceae bacterium enrichment culture clone	23	0	0	0	88	16S-bacteria and archaea
94	Chloroflexi	Anaerolineae	Anaerolineales	Anaerolineaceae	Thermomarinilinea	Thermomarinilinea lacunifontana	0	19	0	0	94	16S-bacteria and archaea
101	Chloroflexi	Anaerolineae	Anaerolineales	Anaerolineaceae	NA		1	0	14	0	101	16S-bacteria and archaea
66	Chloroflexi	Anaerolineae	Anaerolineales	unknown	unknown	Anaerolineae bacterium	42	0	0	0	66	16S-bacteria and archaea
119	Chloroflexi	unknown	unknown	unknown	unk		0	2	0	0	119	16S-bacteria and archaea
129	Chlorophyta	Chlorodendrophy	Chlorodendrales	Chlorodendraceae	Tetraselmis		0	1	0	0	129	16S-bacteria and archaea
340	Chlorophyta	Chlorophyceae	Chaetophorales	unknown			14	0	0	0	190	18S-general eukaryotes
460	Chlorophyta	Chlorophyceae	Chaetophorales	Chaetophoraceae	Coccolobotraps		0	0	0	1	310	18S-general eukaryotes
191	Chlorophyta	Chlorophyceae	Chlamydomonadales	unknown	unknown		55	56	38	88	41 18S-general eukaryotes	
387	Chlorophyta	Chlorophyceae	Chlamydomonadales	Chlamydomonadales	Chlamydomonas	Chlamydomonas sp. ChW1002A1	0	8	0	0	237	18S-general eukaryotes
461	Chlorophyta	Chlorophyceae	Chlamydomonadales	Chlamydomonadales	NA		0	0	0	1	311	18S-general eukaryotes
559	Chlorophyta	Chlorophyceae	Chlamydomonadales	Phacotaceae	Pteromonas	Pteromonas protracta	138	0	0	115	12	PITS-plants and green algae
975	Chlorophyta	Chlorophyceae	Chlamydomonadales	Chlamydomonadales	NA		0	0	0	1	361	FITS-Fungi
244	Chlorophyta	Chlorophyceae	Oedogoniales	unknown	Oedogonium	Oedogonium angustistomum	22	0	31	0	94	18S-general eukaryotes
447	Chlorophyta	Chlorophyceae	Oedogoniales	unknown	Oedogonium		1	0	1	0	297	18S-general eukaryotes
213	Chlorophyta	Chlorophyceae	Sphaeropleales	Neochloridaceae	Neochloris	Neochloris sp. GM4e	14	33	25	47	63	18S-general eukaryotes
241	Chlorophyta	Chlorophyceae	Sphaeropleales	Scenedesmaceae	NA		0	24	9	23	91	18S-general eukaryotes
291	Chlorophyta	Chlorophyceae	Sphaeropleales	Scenedesmaceae	Desmodesmus		26	0	0	0	141	18S-general eukaryotes
352	Chlorophyta	Chlorophyceae	Sphaeropleales	Mychonastaceae	Mychonastes		12	0	0	0	202	18S-general eukaryotes
596	Chlorophyta	Chlorophyceae	Sphaeropleales	Scenedesmaceae	Scenedesmus	Scenedesmus sp. 11	30	0	0	0	49	PITS-plants and green algae
612	Chlorophyta	Chlorophyceae	Sphaeropleales	unknown	NA	Sphaeropleales sp. LBA 61	1	0	0	0	65	PITS-plants and green algae
591	Chlorophyta	Chlorophyceae	unknown	unknown	Pleurastrum		43	0	0	0	44	PITS-plants and green algae
524	Chlorophyta	Nephroselmidoph	unknown	unknown	Nephroselmis	Nephroselmis olivacea	0	0	0	19	56	CO1-protists-invertebrates
417	Chlorophyta	Palmitoxoccales	unknown	Prasinococcales	Prasinoderma		0	0	5	0	26	18S-general eukaryotes
546	Chlorophyta	Trebouxiophyceae	Chlorellales	Chlorellaceae	Nannochloris	Nannochloris sp. MBTD-CMFRI-S048	0	0	0	1	78	CO1-protists-invertebrates
932	Chlorophyta	Trebouxiophyceae	Trebouxiiales	Trebouxiaceae	Myrmecia	Myrmecia israeliensis	1	2	0	2	318	FITS-Fungi
946	Chlorophyta	Trebouxiophyceae	Trebouxiiales	Trebouxiaceae	Trebouxiaceae		1	1	0	2	332	FITS-Fungi
360	Chlorophyta	Ulvothamniales	Cladophorales	Cladophoraceae	Cladophora		11	0	0	0	120	18S-general eukaryotes
214	Chlorophyta	Ulvothamniales	Scotinospaerale	Scotinospaeraceae	Scotinospaera		24	24	5	59	64	18S-general eukaryotes
273	Chlorophyta	Ulvothamniales	Ulotrichales	unknown	Planophila	Planophila bipyreoidosa	0	0	12	21	213	18S-general eukaryotes
976	Chlorophyta	Ulvothamniales	Ulotrichales	unknown	Planophila		0	0	1	0	362	FITS-Fungi
292	Chlorophyta	Ulvothamniales	Ulvothamniales	unknown	Lithotrichon	Lithotrichon pulchrum	0	20	0	6	142	18S-general eukaryotes
353	Chlorophyta	Ulvothamniales	Ulvothamniales	unknown	Halofilum	Halofilum ramosum	0	0	0	12	203	18S-general eukaryotes
418	Chlorophyta	Ulvothamniales	Ulvothamniales	Ulvellaceae	Ulvella		5	0	0	0	268	18S-general eukaryotes
379	Chlorophyta	unknown	Pyramimonadales	unknown	Pyramimonas	Pyramimonas disomata	0	9	0	0	229	18S-general eukaryotes
517	Chlorophyta	unknown	unknown	unknown	unk		27	0	0	0	49	CO1-protists-invertebrates
575	Chlorophyta	unknown	unknown	unknown	unk		0	0	0	104	28	PITS-plants and green algae
465	Chordata	Actinopteri	Perciformes	Gasterosteidae	NA	(Stickleback, fish)			47		2	vert12S-vertebrates
464	Chordata	Mammalia	Primates	Hominidae	Homo	Homo sapiens (human)			613		1	vert12S-vertebrates
466	Chordata	Mammalia	Rodentia	Muridae	Rattus	Rattus norvegicus (rat)			30		3	vert12S-vertebrates
370	Chytridiomycota	Chytridiomycetes	Lobulomycetales	Lobulomycetaceae	Lobulomycetes		0	0	10	0	220	18S-general eukaryotes
303	Chytridiomycota	Chytridiomycetes	Rhizophydiales	Rhizophydiaceae	Rhizophyidium		8	0	0	13	153	18S-general eukaryotes
325	Chytridiomycota	Chytridiomycetes	Rhizophydiales	Uebelmesseroomyc	Uebelmesseroomyc	Uebelmesseroomyc harderi	13	2	1	0	175	18S-general eukaryotes
735	Chytridiomycota	Chytridiomycetes	Rhizophydiales	unknown	unknown		22	11	8	0	121	FITS-Fungi
749	Chytridiomycota	Chytridiomycetes	Rhizophydiales	Alphamycetaceae	Betamyces	Betamyces americanae	12	0	9	10	135	FITS-Fungi
822	Chytridiomycota	Chytridiomycetes	Rhizophydiales	unknown	Coraloidiomycetes	Coraloidiomycetes digitatus	10	0	2	4	208	FITS-Fungi
862	Chytridiomycota	Chytridiomycetes	Rhizophydiales	unknown	Operculomycetes	Operculomycetes laminatus	0	11	0	0	248	FITS-Fungi
514	Chytridiomycota	Chytridiomycetes	Synchytriales	Synchytriaceae	Synchytrium	Synchytrium endobioticum	0	0	32	0	46	CO1-protists-invertebrates
268	Ciliophora	Armophorea	Metopida	Metopidae	Brachonella		0	0	0	34	118	18S-general eukaryotes
269	Ciliophora	Colpodea	Colpodida	unknown	unknown		0	34	0	0	119	18S-general eukaryotes
281	Ciliophora	Colpodea	Colpodida	Colpodidae	NA		28	0	0	0	131	18S-general eukaryotes
261	Ciliophora	Colpodea	Grossglockneriidae	Grossglockneriidae	Pseudoplathyophy	Pseudoplathyophy nana	0	0	0	38	111	18S-general eukaryotes
226	Ciliophora	Heterotricha	Heterotrichida	Spirostomidae	Spirostomum		0	0	54	28	76	18S-general eukaryotes
265	Ciliophora	Heterotricha	Heterotrichida	Stentoridae	Stentor	Stentor roeselii	0	35	0	0	115	18S-general eukaryotes
297	Ciliophora	Heterotricha	Heterotrichida	Stentoridae	Stentor		24	0	0	0	147	18S-general eukaryotes
429	Ciliophora	Heterotricha	Heterotrichida	unknown	unknown		0	0	0	4	279	18S-general eukaryotes
430	Ciliophora	Litostomatea	Cyclotrichida	Mesodiniidae	Mesodinium	Mesodinium pulex	0	0	0	4	280	18S-general eukaryotes
174	Ciliophora	Litostomatea	Haptorida	unknown	unknown		470	19	0	7	24	18S-general eukaryotes

228	Ciliophora	Litostomatea	Haptorida	Trachelophyllidae	NA	1	0	7	65	78	18S-general eukaryotes
245	Ciliophora	Litostomatea	Haptorida	Lacrymaridae	Lacrymaria	1	0	0	52	95	18S-general eukaryotes
262	Ciliophora	Litostomatea	Haptorida	Lacrymaridae	Lacrymaria	0	38	0	0	112	18S-general eukaryotes
293	Ciliophora	Litostomatea	Haptorida	Acropisthiidae	Fuscheria	1	0	0	24	143	18S-general eukaryotes
380	Ciliophora	Litostomatea	Haptorida	Trachelophyllidae	Chaenea	0	0	0	9	230	18S-general eukaryotes
396	Ciliophora	Litostomatea	Haptorida	Trachelophyllidae	Chaenea	6	0	0	1	246	18S-general eukaryotes
405	Ciliophora	Litostomatea	Haptorida	Lacrymaridae	NA	0	6	0	0	255	18S-general eukaryotes
187	Ciliophora	Litostomatea	Pleurostomatida	Litonotidae	NA	163	0	22	0	47	18S-general eukaryotes
231	Ciliophora	Litostomatea	Pleurostomatida	unknown	NA	69	0	0	0	81	18S-general eukaryotes
299	Ciliophora	Litostomatea	Pleurostomatida	Amphileptidae	NA	0	23	0	0	149	18S-general eukaryotes
406	Ciliophora	Litostomatea	Pleurostomatida	Litonotidae	Loxophyllum	0	0	0	6	256	18S-general eukaryotes
189	Ciliophora	Litostomatea	unknown	unknown	NA	80	8	73	113	39	18S-general eukaryotes
397	Ciliophora	Oligohymenophori	Hymenostomatida	unknown	Ophryoglena	0	0	7	0	247	18S-general eukaryotes
347	Ciliophora	Oligohymenophori	Peniculida	Frontoniidae	Frontonia	13	0	0	0	197	18S-general eukaryotes
354	Ciliophora	Oligohymenophori	Peniculida	Frontoniidae	NA	0	12	0	0	204	18S-general eukaryotes
371	Ciliophora	Oligohymenophori	Peniculida	unknown	unknown	0	0	10	0	221	18S-general eukaryotes
309	Ciliophora	Oligohymenophori	Phylasterida	Loxoccephalidae	Dextrotricha	0	0	0	19	159	18S-general eukaryotes
440	Ciliophora	Oligohymenophori	Phylasterida	Pseudocohnilembi	Pseudocohnilembus	0	3	0	0	290	18S-general eukaryotes
372	Ciliophora	Oligohymenophori	Sessilida	Vaginicolidae	NA	0	10	0	0	162	18S-general eukaryotes
319	Ciliophora	Oligohymenophori	Thigmotrichida	Ancistridae	Ancistrum	0	0	9	8	169	18S-general eukaryotes
238	Ciliophora	Phyllopharyngea	Chlamydonotida	Chilodonellidae	Trithigmostoma	26	31	0	0	88	18S-general eukaryotes
212	Ciliophora	Phyllopharyngea	Plagiopylida	Plagiopylidae	Plagiopylla	0	0	0	127	62	18S-general eukaryotes
419	Ciliophora	Phyllopharyngea	Plagiopylida	Plagiopylidae	Plagiopylla	0	0	0	5	269	18S-general eukaryotes
221	Ciliophora	Prostomatea	Prorodontida	Prorodontidae	Prorodon	0	27	0	61	71	18S-general eukaryotes
253	Ciliophora	Prostomatea	Prorodontida	Placidae	Placus	36	6	0	0	103	18S-general eukaryotes
256	Ciliophora	Prostomatea	Prorodontida	Colepidae	NA	15	0	0	25	106	18S-general eukaryotes
341	Ciliophora	Prostomatea	Prorodontida	Placidae	Placus	14	0	0	0	191	18S-general eukaryotes
361	Ciliophora	Prostomatea	Prorodontida	unknown	unknown	11	0	0	0	211	18S-general eukaryotes
320	Ciliophora	Spirotrichea	Euplotida	Aspidiscidae	Aspidisca	17	0	0	0	170	18S-general eukaryotes
270	Ciliophora	Spirotrichea	Sporadotrichida	Oxytrichidae	Quadrasticha	34	0	0	0	120	18S-general eukaryotes
420	Ciliophora	Spirotrichea	Sporadotrichida	Oxytrichidae	Rubrioxotricha	0	0	0	0	270	18S-general eukaryotes
312	Ciliophora	Spirotrichea	Slichotrichida	unknown	unknown	0	0	0	18	162	18S-general eukaryotes
200	Ciliophora	Spirotrichea	unknown	unknown	NA	36	23	20	95	59	18S-general eukaryotes
233	Ciliophora	Spirotrichea	unknown	unknown	NA	0	67	0	0	83	18S-general eukaryotes
355	Ciliophora	Spirotrichea	unknown	Strombididae	Strombidium	12	0	0	0	205	18S-general eukaryotes
326	Ciliophora	Spirotrichea	Urostylida	Urostylidae	Tunicothrix	0	10	0	6	176	18S-general eukaryotes
362	Ciliophora	Spirotrichea	Urostylida	unknown	unknown	0	0	0	11	212	18S-general eukaryotes
202	Ciliophora	unknown	unknown	unknown	unknown	31	5	10	113	52	18S-general eukaryotes
527	Cnidaria	Hydrozoa	Anthothecata	Proboscidiactylidae	Proboscidiactyla	13	0	0	0	59	CO1-protists-invertebrates
224	Cnidaria	Hydrozoa	Limnomedusae	Oliidiidae	Craspedacusta	0	84	0	0	74	18S-general eukaryotes
474	Cnidaria	Hydrozoa	Limnomedusae	Oliidiidae	Craspedacusta	0	799	0	0	6	CO1-protists-invertebrates
533	Cnidaria	Hydrozoa	unknown	unknown	NA	0	8	0	0	65	CO1-protists-invertebrates
516	Cnidaria	unknown	unknown	unknown	unknown	0	0	0	28	48	CO1-protists-invertebrates
250	Cryptophyta	unknown	Cryptomonadales	Goniomonadales	Goniomonas	19	25	0	0	103	18S-general eukaryotes
334	Cryptophyta	unknown	Cryptomonadales	Goniomonadales	Goniomonas	15	0	0	0	184	18S-general eukaryotes
363	Cryptophyta	unknown	Cryptomonadales	Cryptomonadales	Cryptomonas	11	0	0	0	213	18S-general eukaryotes
441	Cryptophyta	unknown	Pyrenomonadales	Geminigeraceae	Proteomonas	0	0	3	0	291	18S-general eukaryotes
448	Cryptophyta	unknown	unknown	unknown	unknown	0	0	0	2	298	18S-general eukaryotes
294	Ctenophora	Tentaculata	unknown	unknown	NA	0	24	0	1	144	18S-general eukaryotes
373	Ctenophora	unknown	unknown	unknown	unknown	0	0	0	10	223	18S-general eukaryotes
246	Euglenida	unknown	Heteronematales	Lentomonadidae	Lentomonas	3	25	0	21	96	18S-general eukaryotes
26	Euryarchaeota	Methanomicrobium	Methanosarcinaceae	Methanotracheae	Methanotrinx	141	0	0	1	26	16S-bacteria and archaea
103	Euryarchaeota	Methanomicrobium	Methanosarcinaceae	Methanosarcinaceae	Methanosarcina	0	0	0	14	103	16S-bacteria and archaea
12	Firmicutes	Bacillales	Bacillales	Bacillales	Bacillus	1	0	0	1	120	16S-bacteria and archaea
73	Firmicutes	Bacillales	Lactobacillales	Carnobacteriaceae	Trichococcus	36	0	0	0	73	16S-bacteria and archaea
72	Firmicutes	Clostridiales	Clostridiales	unknown	unknown	34	1	0	2	72	16S-bacteria and archaea
93	Firmicutes	Clostridiales	Clostridiales	Clostridiaceae	Clostridium	1	0	0	19	93	16S-bacteria and archaea
76	Firmicutes	unknown	unknown	unknown	unknown	21	11	0	0	76	16S-bacteria and archaea
159	Gastrotrocha	unknown	Chaetoniota	Chaetoniidae	Chaetonotus	402	268	102	461	9	18S-general eukaryotes
263	Gastrotrocha	unknown	Chaetoniota	Chaetoniidae	Lepidodermella	38	0	0	0	113	18S-general eukaryotes
304	Gastrotrocha	unknown	Chaetoniota	Chaetoniidae	Chaetonotus	0	0	0	21	154	18S-general eukaryotes
327	Gastrotrocha	unknown	Chaetoniota	Chaetoniidae	Heterolepidoderm	16	0	0	0	177	18S-general eukaryotes
342	Gastrotrocha	unknown	Chaetoniota	Chaetoniidae	Chaetonotus bombarbus	13	1	0	0	192	18S-general eukaryotes
374	Gastrotrocha	unknown	Chaetoniota	Chaetoniidae	Heterolepidoderm	0	0	0	10	224	18S-general eukaryotes
480	Gastrotrocha	unknown	Chaetoniota	Chaetoniidae	Chaetonotus aemilianus	224	89	0	0	12	CO1-protists-invertebrates
505	Gastrotrocha	unknown	Chaetoniota	Chaetoniidae	Chaetonotus	2	0	0	44	37	CO1-protists-invertebrates
510	Gastrotrocha	unknown	Chaetoniota	Chaetoniidae	Chaetonotus sp. 1 TK-2012	0	0	0	37	42	CO1-protists-invertebrates
528	Gastrotrocha	unknown	Chaetoniota	Chaetoniidae	Chaetonotus cf. maximus TK191	13	0	0	0	60	CO1-protists-invertebrates
531	Gastrotrocha	unknown	Chaetoniota	Chaetoniidae	Chaetonotus	10	0	0	0	63	CO1-protists-invertebrates
87	Gemmatimonada	Gemmatimonadales	Gemmatimonadales	Gemmatimonadales	Gemmatimonas aurantiaca	0	24	0	1	87	16S-bacteria and archaea
364	Hemimastigophora	unknown	unknown	Spironemidae	Spironema	11	0	0	0	214	18S-general eukaryotes
65	Ignavibacteriae	Ignavibacteriae	Ignavibacteriales	Ignavibacteriaceae	Ignavibacterium	43	0	0	0	65	16S-bacteria and archaea
96	Ignavibacteriae	Ignavibacteriae	Ignavibacteriales	Ignavibacteriaceae	Ignavibacterium album	1	0	0	17	96	16S-bacteria and archaea
398	Microsporidia	unknown	unknown	Mitosporidium	Mitosporidium daphniae	4	3	0	0	248	18S-general eukaryotes
500	Mollusca	Gastropoda	Littorinimorpha	Tateidae	Potamopyrgus	0	0	0	68	32	CO1-protists-invertebrates
184	Mollusca	Gastropoda	unknown	unknown	NA	19	5	12	308	34	18S-general eukaryotes
195	Mucromycota	Glomeromycetes	Glomerales	Glomeraceae	Funneliformis	90	78	0	34	45	18S-general eukaryotes
247	Mucromycota	Glomeromycetes	Glomerales	Glomeraceae	Septoglomus	0	0	0	47	97	18S-general eukaryotes
264	Mucromycota	Glomeromycetes	Glomerales	Glomeraceae	NA	14	0	3	0	114	18S-general eukaryotes
286	Mucromycota	Glomeromycetes	Glomerales	Glomeraceae	Glomus sp. PM1.2	34	0	0	13	136	18S-general eukaryotes
399	Mucromycota	Glomeromycetes	Glomerales	Glomeraceae	Glomus	7	0	0	0	249	18S-general eukaryotes
407	Mucromycota	Glomeromycetes	Glomerales	Glomeraceae	Glomus	0	6	0	0	257	18S-general eukaryotes
348	Mucromycota	Mortierellomycetes	Mortierellales	Mortierellaceae	Mortierella	1	0	0	12	198	18S-general eukaryotes
704	Mucromycota	Mortierellomycetes	Mortierellales	Mortierellaceae	Mortierella	34	0	0	27	90	FITS-Fungi
717	Mucromycota	Mortierellomycetes	Mortierellales	Mortierellaceae	Mortierella	53	0	0	0	103	FITS-Fungi
776	Mucromycota	Mortierellomycetes	Mortierellales	Mortierellaceae	NA	0	24	0	0	162	FITS-Fungi
884	Mucromycota	Mortierellomycetes	Mortierellales	Mortierellaceae	Mortierella	0	8	0	0	270	FITS-Fungi
855	Mucromycota	Mucromycetes	Mucorales	Mucoraceae	Mucor circinelloides	12	0	0	0	241	FITS-Fungi
914	Mucromycota	Mucromycetes	Mucorales	Mucoraceae	Mucor	0	0	0	6	300	FITS-Fungi
933	Mucromycota	Umbelopsidomycetes	Umbelopsidales	Umbelopsidaceae	Umbelopsis	0	1	4	0	319	FITS-Fungi
185	Nematoda	Chromadorea	Monhysterida	Monhysteridae	NA	0	85	40	202	35	18S-general eukaryotes
203	Nematoda	Chromadorea	Monhysterida	Monhysteridae	Halomonhystera	0	0	0	157	53	18S-general eukaryotes
210	Nematoda	Chromadorea	Monhysterida	Monhysteridae	Halomonhystera	109	21	0	0	60	18S-general eukaryotes
310	Nematoda	Chromadorea	Monhysterida	Xyalidae	Daptonema	0	19	0	0	160	18S-general eukaryotes
349	Nematoda	Chromadorea	Monhysterida	Monhysteridae	Monhystera	0	12	1	0	199	18S-general eukaryotes
388	Nematoda	Chromadorea	Monhysterida	Monhysteridae	Monhystera cf. paludicola JH-2014	0	0	6	2	238	18S-general eukaryotes
187	Nematoda	Chromadorea	Rhabditida	Spiroceridae	Mastophorus	0	0	29	250	37	18S-general eukaryotes
172	Nematoda	Enoplea	Dorylaimida	Actinolaimidae	Paractinolaimus	0	513	0	0	22	18S-general eukaryotes
271	Nematoda	Enoplea	Dorylaimida	unknown	unknown	30	4	0	0	121	18S-general eukaryotes
234	Nematoda	Enoplea	Mermithida	Mermithidae	Isomermis	0	63	0	0	84	18S-general eukaryotes
183	Nematoda	Enoplea	Mononchida	Mononchidae	Mononchus	10	346	0	0	33	18S-general eukaryotes
158	Nematoda	Enoplea	Triplochida	Triplochidae	Tobriulus gracilis	0	0	0	1485	18S-general eukaryotes	
389	Nematoda	Enoplea	Triplochida	Triplochidae	Tripylella	0	0	0	8	239	18S-general eukaryotes
16	Nitrospirae	Nitrospirae	Nitrospirales	Nitrospiraceae	Nitrospira	1	159	0	50	16	16S-bacteria and archaea
885	Olipidiomycota	Olipidiomycetes	Olipidiales	Olipidiaceae	Olipidium	8	0	0	0	271	FITS-Fungi
63	Planctomycetes	Candidatus Brocc	Candidatus Brocc	Candidatus Brocc	NA	0	46	0	0	63	16S-bacteria and archaea
58	Planctomycetes	Planctomycetia	Planctomycetales	unknown	unknown	2	52	1	1	58	16S-bacteria and archaea
79	Planctomycetes	Planctomycetia	Planctomycetales	Planctomycetaceae	Planctomycetes	0	29	0	1	79	16S-bacteria and archaea
83	Planctomycetes	Planctomycetia	Planctomycetales	Planctomycetaceae	Pirellula	0	0	0	26	83	16S-bacteria and archaea
100	Planctomycetes	Planctomycetia	Planctomycetales	Planctomycetaceae	NA	13	2	0	1	100	16S-bacteria and archaea
104	Planctomycetes	Planctomycetia	Planctomycetales	Planctomycetaceae	Blastopirellula	0	12	0	0	104	16S-bacteria and archaea
130	Planctomycetes	Planctomycetia	Planctomycetales	Gemmataceae	Gemmata	1	0	0	0	130	16S-bacteria and archaea
131	Planctomycetes	Planctomycetia	Planctomycetales	unknown	NA	1	0	0	0	131	16S-bacteria and archaea
121	Planctomycetes	Planctomycetia	unknown	unknown	unknown	1	1	0	0	121	16S-bacteria and archaea
252	Platyhelminthes	Catenulida	unknown	Stenostomidae	Stenostomum	17	10	0	16	102	18S-general eukaryotes

471	Platyhelminthes	Catenulida	unknown	Stenostomidae	Stenostomum	Stenostomum leucops	2157	12	32	13	3	CO1-protists-invertebrates
534	Platyhelminthes	Catenulida	unknown	Stenostomidae	Stenostomum	Stenostomum cf. simplex AW-2018	0	7	0	0	66	CO1-protists-invertebrates
375	Platyhelminthes	Rhabditophora	unknown	Bothrioplanidae	Bothrioplana	Bothrioplana sinensis	0	10	0	0	225	18S-general eukaryotes
518	Porifera	Demospongiae	Poecilosclerida	unknown	unknown	unknown	0	0	0	27	50	CO1-protists-invertebrates
535	Porifera	Demospongiae	Tethyida	Hemiasterellidae	Paratimea	(sponge)	0	0	0	7	67	CO1-protists-invertebrates
84	Proteobacteria	Alphaproteobacte	Rhizobiales	Hyphomicrobiaceae	Rhodomicrobium	Rhodomicrobium sp. L-6-160	0	0	0	26	84	16S-bacteria and archaea
112	Proteobacteria	Alphaproteobacte	Rhizobiales	Hyphomicrobiaceae	NA	NA	0	1	1	1	112	16S-bacteria and archaea
132	Proteobacteria	Alphaproteobacte	Rhizobiales	Hyphomicrobiaceae	Hyphomicrobium	Hyphomicrobium	1	0	0	0	132	16S-bacteria and archaea
133	Proteobacteria	Alphaproteobacte	Rhizobiales	Phyllobacteriaceae	Mesorhizobium	NA	0	1	0	0	133	16S-bacteria and archaea
134	Proteobacteria	Alphaproteobacte	Rhizobiales	Rhizobiaceae	Rhizobium	NA	0	0	0	1	134	16S-bacteria and archaea
135	Proteobacteria	Alphaproteobacte	Rhizobiales	unknown	unknown	unknown	1	0	0	0	135	16S-bacteria and archaea
136	Proteobacteria	Alphaproteobacte	Rhizobiales	unknown	NA	Rhizobiales bacterium URHC0029	1	0	0	0	136	16S-bacteria and archaea
46	Proteobacteria	Alphaproteobacte	Rhodobacterales	Rhodobacteraceae	NA	NA	3	0	0	76	46	16S-bacteria and archaea
24	Proteobacteria	Alphaproteobacte	Rhodospirillales	Rhodospirillaceae	Skermanella	NA	62	37	0	53	24	16S-bacteria and archaea
81	Proteobacteria	Alphaproteobacte	Rhodospirillales	Acetobacteraceae	Roseomonas	Roseomonas terricola	0	0	0	28	81	16S-bacteria and archaea
97	Proteobacteria	Alphaproteobacte	Rhodospirillales	Rhodospirillaceae	Azospirillum	Azospirillum sp. enrichment culture clone yan50	17	0	0	1	97	16S-bacteria and archaea
137	Proteobacteria	Alphaproteobacte	Rhodospirillales	Acetobacteraceae	NA	NA	0	1	0	0	137	16S-bacteria and archaea
138	Proteobacteria	Alphaproteobacte	Rhodospirillales	Rhodospirillaceae	NA	NA	0	1	0	0	138	16S-bacteria and archaea
64	Proteobacteria	Alphaproteobacte	Spingomonadales	Erythrobacteraceae	Altererythrobracter	NA	0	0	43	1	64	16S-bacteria and archaea
139	Proteobacteria	Alphaproteobacte	Spingomonadales	Spingomonadaceae	Spingomonas	NA	0	1	0	0	139	16S-bacteria and archaea
140	Proteobacteria	Alphaproteobacte	Spingomonadales	unknown	unknown	unknown	0	0	0	1	140	16S-bacteria and archaea
11	Proteobacteria	Alphaproteobacte	unknown	unknown	NA	NA	331	69	7	26	11	16S-bacteria and archaea
25	Proteobacteria	Alphaproteobacte	unknown	unknown	NA	alpha proteobacterium enrichment culture clone B4	58	0	26	62	25	16S-bacteria and archaea
141	Proteobacteria	Alphaproteobacte	unknown	unknown	NA	alpha proteobacterium LS7-MT	1	0	0	0	141	16S-bacteria and archaea
13	Proteobacteria	Betaproteobacteri	Burkholderiales	Comamonadaceae	Hydrogenophaga	NA	262	0	0	0	13	16S-bacteria and archaea
19	Proteobacteria	Betaproteobacteri	Burkholderiales	unknown	unknown	unknown	174	3	3	9	19	16S-bacteria and archaea
32	Proteobacteria	Betaproteobacteri	Burkholderiales	unknown	Leptothrix	NA	128	0	0	0	32	16S-bacteria and archaea
35	Proteobacteria	Betaproteobacteri	Burkholderiales	unknown	NA	Burkholderiales bacterium X4	0	50	1	64	35	16S-bacteria and archaea
113	Proteobacteria	Betaproteobacteri	Burkholderiales	Comamonadaceae	NA	NA	2	1	0	0	113	16S-bacteria and archaea
142	Proteobacteria	Betaproteobacteri	Burkholderiales	Oxalobacteraceae	Massilia	NA	0	0	1	0	142	16S-bacteria and archaea
92	Proteobacteria	Betaproteobacteri	Nitrosomonadales	Nitrosomonadaceae	Nitrosomonas	Nitrosomonas sp.	0	0	0	21	92	16S-bacteria and archaea
12	Proteobacteria	Betaproteobacteri	Nitrosomonadales	Azoxaceae	Dechloromonas	NA	165	1	1	265	12	16S-bacteria and archaea
111	Proteobacteria	Betaproteobacteri	Nitrosomonadales	unknown	unknown	unknown	1	0	1	2	111	16S-bacteria and archaea
4	Proteobacteria	Betaproteobacteri	unknown	unknown	NA	NA	206	148	319	532	4	16S-bacteria and archaea
143	Proteobacteria	Betaproteobacteri	unknown	unknown	Candidatus Accur	Candidatus Accumilbacter phosphatis	1	0	0	0	143	16S-bacteria and archaea
50	Proteobacteria	Deltaproteobacter	Desulfobacterales	Desulfobacteraceae	NA	NA	0	0	70	0	50	16S-bacteria and archaea
28	Proteobacteria	Deltaproteobacter	Desulfuromonadales	Geobacteraceae	Geobacter	NA	68	0	0	65	28	16S-bacteria and archaea
40	Proteobacteria	Deltaproteobacter	Myxococcales	Polyangiaceae	NA	NA	51	0	0	44	40	16S-bacteria and archaea
82	Proteobacteria	Deltaproteobacter	Myxococcales	unknown	NA	myxobacterium SIBN-17	0	27	0	0	82	16S-bacteria and archaea
20	Proteobacteria	Deltaproteobacter	unknown	unknown	NA	NA	30	45	0	114	20	16S-bacteria and archaea
144	Proteobacteria	Gammaproteobact	Alteromonadales	Shewanellaceae	Shewanella	NA	1	0	0	0	144	16S-bacteria and archaea
9	Proteobacteria	Gammaproteobact	Cellvibrionales	Halieaceae	NA	NA	125	122	72	209	9	16S-bacteria and archaea
49	Proteobacteria	Gammaproteobact	Cellvibrionales	Cellvibrionaceae	Cellvibrio	NA	76	0	0	1	49	16S-bacteria and archaea
85	Proteobacteria	Gammaproteobact	Chromatiales	Chromatiaceae	NA	NA	1	25	0	0	85	16S-bacteria and archaea
145	Proteobacteria	Gammaproteobact	Chromatiales	unknown	unknown	unknown	0	1	0	0	145	16S-bacteria and archaea
44	Proteobacteria	Gammaproteobact	Methylcoccales	unknown	unknown	unknown	0	89	0	0	44	16S-bacteria and archaea
86	Proteobacteria	Gammaproteobact	Methylcoccales	Methylcocccaceae	NA	NA	0	0	26	0	86	16S-bacteria and archaea
146	Proteobacteria	Gammaproteobact	Nevskiales	Sinobacteraceae	NA	NA	0	0	0	1	146	16S-bacteria and archaea
60	Proteobacteria	Gammaproteobact	Pseudomonadales	Moraxellaceae	NA	NA	0	0	0	52	60	16S-bacteria and archaea
78	Proteobacteria	Gammaproteobact	Thiotrichales	Thiotrichaceae	Thiothrix	Thiothrix sp. ectosymbiont of Niphargus ictus	32	0	0	0	78	16S-bacteria and archaea
6	Proteobacteria	Gammaproteobact	unknown	unknown	NA	NA	135	296	95	241	6	16S-bacteria and archaea
29	Proteobacteria	Gammaproteobact	unknown	unknown	NA	gamma proteobacterium SCGG AAA007-P21	73	60	0	0	29	16S-bacteria and archaea
80	Proteobacteria	Gammaproteobact	unknown	unknown	NA	gamma proteobacterium enrichment culture clone M1	28	0	1	0	80	16S-bacteria and archaea
105	Proteobacteria	Gammaproteobact	Vibrionales	Vibrionaceae	Vibrio	Vibrio sp. Gp-3-5.1	12	0	0	0	105	16S-bacteria and archaea
67	Proteobacteria	Gammaproteobact	Xanthomonadales	Xanthomonadaceae	Thermomonas	NA	40	0	0	0	67	16S-bacteria and archaea
106	Proteobacteria	Gammaproteobact	Xanthomonadales	Rhodanobacteraceae	NA	NA	0	11	0	0	106	16S-bacteria and archaea
147	Proteobacteria	Gammaproteobact	Xanthomonadales	Xanthomonadaceae	Arenimonas	NA	0	1	0	0	147	16S-bacteria and archaea
148	Proteobacteria	unknown	unknown	Bdellovibrionales	Bdellovibrionaceae	Bdellovibrio	0	0	1	0	148	16S-bacteria and archaea
8	Proteobacteria	unknown	unknown	unknown	unknown	unknown	104	289	118	113	8	16S-bacteria and archaea
519	Rhodophyta	Florideophyceae	Acrosymphytales	Schimmelmanniaceae	Schimmelmannia	Schimmelmannia schousboei	27	0	0	0	51	CO1-protists-invertebrates
365	Rhodophyta	Florideophyceae	Batrachospermat	Batrachospermat	NA	NA	0	11	0	0	215	18S-general eukaryotes
511	Rhodophyta	Florideophyceae	Ceramiales	Rhodomelaceae	Pterosiphonia	Pterosiphonia bipinnata	36	0	0	0	43	CO1-protists-invertebrates
484	Rhodophyta	Florideophyceae	Gigartinales	Phylloporaceae	Coccotylus	Coccotylus truncatus	133	0	0	101	16	CO1-protists-invertebrates
522	Rhodophyta	Florideophyceae	Gigartinales	Kallymeniaceae	Austrokalymenia	Austrokalymenia rebecca	0	21	0	0	54	CO1-protists-invertebrates
298	Rotifera	Bdelloidea	Philodinida	Philodinidae	Philodina	Philodina megalotrocha	0	17	7	0	148	18S-general eukaryotes
254	Rotifera	Bdelloidea	unknown	unknown	NA	NA	4	30	0	8	104	18S-general eukaryotes
193	Rotifera	Monogononta	Ploima	unknown	unknown	unknown	93	62	0	55	43	18S-general eukaryotes
259	Rotifera	Monogononta	Ploima	Brachionidae	Brachionus	NA	0	1	38	0	109	18S-general eukaryotes
532	Rotifera	Monogononta	Ploima	Synchaetidae	Polyarthra	Polyarthra dolichoptera	9	0	0	0	64	CO1-protists-invertebrates
108	Streptophyta	Klebsormidiales	unknown	Klebsormidiaceae	Klebsormidium	NA	6	0	1	0	108	16S-bacteria and archaea
328	Streptophyta	Polytrichopsida	Polytrichales	Polytrichaceae	Dendrologitrichum	Dendrologitrichum dendroides	16	0	0	0	178	18S-general eukaryotes
554	Streptophyta	unknown	Apiales	Araliaceae	Hedera	Hedera helix	1	45	0	405	7	PITS-plants and green algae
557	Streptophyta	unknown	Apiales	Apiaceae	NA	NA	364	0	0	20	10	PITS-plants and green algae
560	Streptophyta	unknown	Apiales	Araliaceae	Hedera	NA	247	0	0	5	13	PITS-plants and green algae
562	Streptophyta	unknown	Apiales	Pittosporaceae	Pittosporum	NA	15	55	0	142	15	PITS-plants and green algae
589	Streptophyta	unknown	Apiales	Pittosporaceae	Pittosporum	Pittosporum tobira	55	0	0	0	42	PITS-plants and green algae
590	Streptophyta	unknown	Apiales	Pittosporaceae	Pittosporum	Pittosporum undulatum	50	0	0	0	43	PITS-plants and green algae
607	Streptophyta	unknown	Aquifoliales	Aquifoliaceae	Ilex	NA	6	0	0	0	60	PITS-plants and green algae
573	Streptophyta	unknown	Asterales	Asteraceae	Delairea	Delairea odorata	0	0	0	110	26	PITS-plants and green algae
601	Streptophyta	unknown	Asterales	Asteraceae	Lapsana	Lapsana communis	21	0	0	0	54	PITS-plants and green algae
567	Streptophyta	unknown	Boraginales	Boraginaceae	Echium	NA	164	0	0	0	20	PITS-plants and green algae
583	Streptophyta	unknown	Brassicales	Brassicaceae	Lepidium	Lepidium didymum	0	0	0	74	36	PITS-plants and green algae
602	Streptophyta	unknown	Cupressales	Hydrocarpaceae	Phyladelphus	Phyladelphus lewisii	20	0	0	0	55	PITS-plants and green algae
580	Streptophyta	unknown	Cupressales	Cupressaceae	Juniperus	Juniperus chinensis	80	0	0	0	33	PITS-plants and green algae
603	Streptophyta	unknown	Cupressales	Cupressaceae	Juniperus	NA	0	0	0	18	56	PITS-plants and green algae
558	Streptophyta	unknown	Dipsacales	Adoxaceae	Sambucus	Sambucus nigra	363	0	0	0	11	PITS-plants and green algae
431	Streptophyta	unknown	Fabales	Fabaceae	Vigna	Vigna unguiculata	0	4	0	0	281	18S-general eukaryotes
561	Streptophyta	unknown	Fabales	Fabaceae	Robinia	Robinia pseudoacacia	75	71	0	69	14	PITS-plants and green algae
566	Streptophyta	unknown	Fabales	Fabaceae	Medicago	Medicago polymorpha	165	0	0	0	19	PITS-plants and green algae
570	Streptophyta	unknown	Fabales	Fabaceae	Vicia	NA	0	136	0	0	23	PITS-plants and green algae
572	Streptophyta	unknown	Fabales	Fabaceae	Cercis	Cercis canadensis	113	0	0	0	25	PITS-plants and green algae
578	Streptophyta	unknown	Fabales	Fabaceae	Cercis	NA	0	0	0	87	31	PITS-plants and green algae
599	Streptophyta	unknown	Fabales	Fabaceae	Phaseolus	Phaseolus vulgaris	0	0	0	28	52	PITS-plants and green algae
550	Streptophyta	unknown	Fagales	Juglandaceae	Juglans	NA	288	0	0	617	3	PITS-plants and green algae
551	Streptophyta	unknown	Fagales	Betulaceae	Alnus	Alnus	1	126	0	556	4	PITS-plants and green algae
583	Streptophyta	unknown	Fagales	Juglandaceae	Carya	Carya illinoensis	0	0	0	191	16	PITS-plants and green algae
568	Streptophyta	unknown	Fagales	Betulaceae	Betula	NA	79	0	0	83	21	PITS-plants and green algae
586	Streptophyta	unknown	Fagales	Betulaceae	Alnus	Alnus glutinosa	58	0	0	0	39	PITS-plants and green algae
592	Streptophyta	unknown	Fagales	Betulaceae	Corylus	NA	0	0	0	41	45	PITS-plants and green algae
610	Streptophyta	unknown	Fagales	Betulaceae	Alnus	Alnus rhombifolia	0	0	0	2	63	PITS-plants and green algae
595	Streptophyta	unknown	Geraniales	Geraniaceae	Erodium	Erodium moschatum	33	0	0	0	48	PITS-plants and green algae
556	Streptophyta	unknown	Lamiales	Oleaceae	Fraxinus	NA	0	0	0	411	9	PITS-plants and green algae
588	Streptophyta	unknown	Lamiales	Plantaginaceae	Plantago	Plantago lanceolata	27	0	0	30	41	PITS-plants and green algae
604	Streptophyta	unknown	Lamiales	Scrophulariaceae	Myoporium	Myoporium acuminatum	18	0	0	0	57	PITS-plants and green algae
605	Streptophyta	unknown	Lamiales	Oleaceae	Ligustrum	Ligustrum lucidum	0	0	0	14	58	PITS-plants and green algae
606	Streptophyta	unknown	Malpighiales	Euphorbiaceae	Euphorbia	NA	0	0	0	11	59	PITS-plants and green algae
613	Streptophyta	unknown	Malpighiales	Salicaceae	Populus	NA	0	0	0	1	66	PITS-plants and green algae
584	Streptophyta	unknown	Malvales	Malvaceae	Tilia	NA	0	0	0	73	37	PITS-plants and green algae
549	Streptophyta	unknown	Myrtales	Myrtaceae	Eucalyptus	NA	923	0	0	295	2	PITS-plants and green algae
564	Streptophyta	unknown	Myrtales	Myrtaceae	Syzygium	NA	61	31	0	95	17	PITS-plants and green algae
574	Streptophyta	unknown	Myrtales	Myrtaceae	NA	NA	84	1	0	21	27	PITS-plants and green algae
585	Streptophyta	unknown	Oxalidales	Oxalidaceae	Oxalis	NA	0	0	0	60	38	PITS-plants and green algae
581	Streptophyta	unknown	Pinales	Pinaceae	Pinus	Pinus canariensis	78	0	0	0	34	PITS-plants and green algae
611	Streptophyta	unknown	Pinales	Pinaceae	Pinus	NA	2	0	0	0	64	PITS-plants and green algae
548	Streptophyta											



565	Streptophyta	unknown	Rosales	Rosaceae	Prunus	Prunus avium	0	0	172	18	PITS-plants and green algae	
577	Streptophyta	unknown	Rosales	Rosaceae	Prunus	Prunus pseudocerasus	92	0	0	30	PITS-plants and green algae	
579	Streptophyta	unknown	Rosales	Rosaceae	Prunus	Prunus ilicifolia	81	0	0	32	PITS-plants and green algae	
582	Streptophyta	unknown	Rosales	Rosaceae	Rosa		0	1	76	35	PITS-plants and green algae	
593	Streptophyta	unknown	Rosales	Ulmaceae	Ulmus		0	0	37	46	PITS-plants and green algae	
608	Streptophyta	unknown	Rosales	Ulmaceae	Ulmus	Ulmus parvifolia	6	0	0	61	PITS-plants and green algae	
555	Streptophyta	unknown	Sapindales	Anacardiaceae	Schinus	Schinus terabinthifolia	416	0	0	8	PITS-plants and green algae	
569	Streptophyta	unknown	Sapindales	Sapindaceae	Acer	Acer negundo	0	0	146	22	PITS-plants and green algae	
571	Streptophyta	unknown	Sapindales	Sapindaceae	Acer	Acer circinatum	0	0	130	24	PITS-plants and green algae	
576	Streptophyta	unknown	Sapindales	Anacardiaceae	Schinus	Schinus molle	104	0	0	29	PITS-plants and green algae	
587	Streptophyta	unknown	Sapindales	Sapindaceae	Acer	Acer palmatum	56	0	2	40	PITS-plants and green algae	
594	Streptophyta	unknown	Sapindales	Rutaceae	Agathosma	Agathosma muirii	35	0	0	47	PITS-plants and green algae	
597	Streptophyta	unknown	Sapindales	Anacardiaceae	Pistacia	Pistacia chinensis	0	3	27	50	PITS-plants and green algae	
609	Streptophyta	unknown	Sapindales	Anacardiaceae	Pistacia		0	5	0	62	PITS-plants and green algae	
600	Streptophyta	unknown	Solanales	Convolvulaceae	Calystegia	Calystegia sepium	0	0	28	53	PITS-plants and green algae	
169	Streptophyta	unknown	unknown	unknown	unknown		62	353	106	304	19	18S-general eukaryotes
188	Tardigrada	Eutardigrada	Parachela	Hypsibiidae	Hypsibius		0	275	0	0	38	18S-general eukaryotes
199	Tardigrada	Eutardigrada	Parachela	Macrobiotidae	Dactylobiotus	Dactylobiotus octavi	0	181	0	0	49	18S-general eukaryotes
462	Tardigrada	Eutardigrada	Parachela	Hypsibiidae	Hypsibius	Hypsibius convergens	0	1	0	0	312	18S-general eukaryotes
107	Tenelicutes	Mollicutes	unknown	unknown	NA	Mollicutes bacterium pACH93	5	0	0	10	107	16S-bacteria and archaea
89	Thaumarchaeota	Nitrososphaeria	Candidatus Nitrososphaerales	Candidatus Nitrososphaerales	Candidatus Nitrososphaerales	Candidatus Nitrososphaerales	23	0	0	0	89	16S-bacteria and archaea
70	Thaumarchaeota	Nitrososphaeria	Nitrososphaerales	Nitrososphaerales	Nitrososphaerales	Nitrososphaerales	0	0	0	39	70	16S-bacteria and archaea
3	Thaumarchaeota	unknown	Nitrososporiales	Nitrososporiales	Nitrososporiales	Nitrososporiales	0	1351	0	0	3	16S-bacteria and archaea
432	unknown	Aphelidea	unknown	Amoebozoa	Amoebozoa	Amoebozoa occidentale	4	0	0	0	282	18S-general eukaryotes
274	unknown	Chrysiophyceae	Chromulinales	Paraphysomonadales	Paraphysomonadales		0	32	1	0	124	18S-general eukaryotes
305	unknown	Chrysiophyceae	Chromulinales	Ochromonales	Ochromonales	Ochromonas sp. CCMP1149	9	12	0	0	155	18S-general eukaryotes
350	unknown	Chrysiophyceae	Chromulinales	Ochromonales	Ochromonales	Ochromonas sp. CCMP2761	0	0	0	13	200	18S-general eukaryotes
356	unknown	Chrysiophyceae	Chromulinales	Ochromonales	Ochromonales	Ochromonas danica	0	12	0	0	206	18S-general eukaryotes
449	unknown	Chrysiophyceae	Chromulinales	Uroglena	Uroglena	Uroglena sp. CCMP2768	2	0	0	0	299	18S-general eukaryotes
219	unknown	Chrysiophyceae	unknown	NA	NA		18	66	0	8	69	18S-general eukaryotes
266	unknown	Chrysiophyceae	unknown	NA	NA	Spumella-like flagellate JBNZ43	16	19	0	0	116	18S-general eukaryotes
329	unknown	Chrysiophyceae	Peridinales	Peridinales	Peridinium	Peridinium wisconsinense	5	0	0	0	179	18S-general eukaryotes
421	unknown	Dinophyceae	Syndiniales	Syndiniales	Hematodinium	Hematodinium sp. ex Pagurus bernhardus	5	0	0	0	271	18S-general eukaryotes
225	unknown	Dinophyceae	unknown	NA	NA		11	34	0	38	75	18S-general eukaryotes
433	unknown	Eustigmatophyceae	Eustigmatales	Nannochloropsis	Nannochloropsis	Nannochloropsis oceanica	0	4	0	0	283	18S-general eukaryotes
236	unknown	Eustigmatophyceae	unknown	NA	NA		0	30	0	31	86	18S-general eukaryotes
313	unknown	Eustigmatophyceae	unknown	NA	NA	Eustigmatophyceae sp.	18	0	0	0	163	18S-general eukaryotes
302	unknown	Heterolobosea	unknown	NA	NA		11	0	0	11	152	18S-general eukaryotes
257	unknown	Hypochytriomycota	unknown	Hypochytriales	Hypochytrium	Hypochytrium catenoides	0	4	0	36	107	18S-general eukaryotes
408	unknown	Ichthyosporidia	Dermocystida	unknown	unknown		0	6	0	0	258	18S-general eukaryotes
237	unknown	Ichthyosporidia	Ichthyosporidia	unknown	Anurofeca	Anurofeca sp. LAH-2003	0	31	0	30	87	18S-general eukaryotes
450	unknown	Ichthyosporidia	Ichthyosporidia	unknown	unknown		2	0	0	0	300	18S-general eukaryotes
295	unknown	Katablepharidophora	unknown	Katablepharidales	Hatena	Hatena arenicola	9	0	0	16	145	18S-general eukaryotes
181	unknown	Labyrinthulomycota	unknown	unknown	Sorodiplophrys	Sorodiplophrys stercorea	72	106	38	168	31	18S-general eukaryotes
335	unknown	Labyrinthulomycota	unknown	Thraustochytriales	Oblongichytrium		0	0	0	15	185	18S-general eukaryotes
451	unknown	Labyrinthulomycota	unknown	Thraustochytriales	Oblongichytrium	Oblongichytrium sp.	0	0	0	2	301	18S-general eukaryotes
478	unknown	Oomycetes	Lagenidiales	Lagenidiales	Lagenidium	Lagenidium aff. deciduum strain LEV5864	126	0	68	173	10	CO1-protists-invertebrates
54	unknown	Oomycetes	Peronosporales	Peronosporales	Peronospora	Peronospora paula	0	0	63	0	54	16S-bacteria and archaea
496	unknown	Oomycetes	Peronosporales	Peronosporales	Peronospora		79	0	0	0	28	CO1-protists-invertebrates
38	unknown	Oomycetes	Pythiales	Pythiales	Pythium		105	0	0	0	38	16S-bacteria and archaea
168	unknown	Oomycetes	Pythiales	Pythiales	Pythium		307	187	364	1	18	18S-general eukaryotes
205	unknown	Oomycetes	Pythiales	Pythiales	Pythium		80	24	0	48	55	18S-general eukaryotes
314	unknown	Oomycetes	Pythiales	Pythiales	Pythium	Pythium rostratum	18	0	0	0	164	18S-general eukaryotes
409	unknown	Oomycetes	Pythiales	Pythiales	Pythium	Pythium dissotocum	6	0	0	0	259	18S-general eukaryotes
498	unknown	Oomycetes	Pythiales	Pythiales	Pythium	Pythium glomeratum	0	0	0	75	30	CO1-protists-invertebrates
515	unknown	Oomycetes	Pythiales	Pythiales	Salispina	Salispina spinosa	0	0	29	0	47	CO1-protists-invertebrates
223	unknown	Oomycetes	Saprolegniales	Saprolegniales	Achlya	Achlya apiculata	31	22	10	23	73	18S-general eukaryotes
249	unknown	Oomycetes	Saprolegniales	Saprolegniales	Aphanomyces	Aphanomyces invadans	45	0	0	0	99	18S-general eukaryotes
277	unknown	Oomycetes	Saprolegniales	Saprolegniales	Aphanomyces		0	30	0	0	127	18S-general eukaryotes
343	unknown	Oomycetes	Saprolegniales	Saprolegniales	Saprolegnia	Saprolegnia sp.	14	0	0	0	193	18S-general eukaryotes
477	unknown	Oomycetes	Saprolegniales	Saprolegniales	Achlya	Achlya bisexualis	162	0	97	114	9	CO1-protists-invertebrates
520	unknown	Oomycetes	Saprolegniales	Saprolegniales	Achlya	Achlya hypogyna	0	0	25	0	52	CO1-protists-invertebrates
934	unknown	Oomycetes	Saprolegniales	Saprolegniales	Aphanomyces	Aphanomyces frigidophilus	5	0	0	0	320	FITS-Fungi
122	unknown	Oomycetes	unknown	unknown	NA		1	0	1	0	122	16S-bacteria and archaea
165	unknown	Oomycetes	unknown	unknown	NA		567	83	81	212	15	18S-general eukaryotes
486	unknown	Oomycetes	unknown	unknown	NA		172	1	0	0	18	CO1-protists-invertebrates
503	unknown	Oomycetes	unknown	unknown	Haptoglossa	Haptoglossa sp. DM2 4/12	54	0	0	0	35	CO1-protists-invertebrates
536	unknown	Phaeophyceae	Ectocarpales	Scytosiphonales	NA		0	0	0	6	68	CO1-protists-invertebrates
198	unknown	unknown	Arcellinida	Cryptodiffugiidae	Cryptodiffugia		81	49	22	33	48	18S-general eukaryotes
275	unknown	unknown	Choanoflagellida	Salpingoecidae	Salpingoeca	Salpingoeca fusiformis	25	8	0	0	125	18S-general eukaryotes
330	unknown	unknown	Choanoflagellida	Acanthoecidae	NA		9	0	0	7	180	18S-general eukaryotes
344	unknown	unknown	Choanoflagellida	unknown	unknown		4	10	0	0	194	18S-general eukaryotes
390	unknown	unknown	Diplonemida	unknown	Diplonema	Diplonema papillatum	0	0	0	8	240	18S-general eukaryotes
410	unknown	unknown	Diplonemida	unknown	Diplonema		0	0	0	0	260	18S-general eukaryotes
422	unknown	unknown	Diplonemida	unknown	unknown		0	0	0	5	272	18S-general eukaryotes
366	unknown	unknown	Himatismenida	Cochliopodiidae	Cochliopodium	Cochliopodium kielenae	11	0	0	0	216	18S-general eukaryotes
523	unknown	unknown	Himatismenida	unknown	Parvamoeba	Parvamoeba rugata	21	0	0	0	55	CO1-protists-invertebrates
391	unknown	unknown	Kinetoplastida	Ichthyobodonidae	Ichthyobodo		0	0	0	8	241	18S-general eukaryotes
306	unknown	unknown	Leptomyxida	Leptomyxidae	Leptomyxa	Leptomyxa reticulata	0	6	0	15	156	18S-general eukaryotes
345	unknown	unknown	Longamoebia	unknown	Mayorella	Mayorella sp.	0	0	0	14	195	18S-general eukaryotes
501	unknown	unknown	Longamoebia	Acanthamoebidae	Acanthamoeba	Acanthamoeba byersi	57	0	0	0	33	CO1-protists-invertebrates
525	unknown	unknown	Longamoebia	Acanthamoebidae	Acanthamoeba	Acanthamoeba sp.	16	0	0	0	57	CO1-protists-invertebrates
315	unknown	unknown	Parsoniales	Parsoniales	Parsonia	Parsonia guinardae	18	0	0	0	165	18S-general eukaryotes
251	unknown	unknown	Protosteliales	Protosteliales	Schizoplasmodium	Schizoplasmodium cavostelloides	16	6	3	19	101	18S-general eukaryotes
434	unknown	unknown	Protosteliales	Protosteliales	Schoutedomoeba	Schoutedomoeba minuta	0	4	0	0	284	18S-general eukaryotes
163	unknown	unknown	Rigiflida	unknown	Micronuclearia	Micronuclearia podoventralis	237	53	27	648	13	18S-general eukaryotes
336	unknown	unknown	Rigiflida	unknown	Rigiflida	Rigiflida ramosa	15	0	0	0	186	18S-general eukaryotes
23	unknown	unknown	Rotallida	unknown	unknown		1	155	0	0	23	16S-bacteria and archaea
190	unknown	unknown	Stemonitida	Stemonitidae	Lamproderma	Lamproderma sp. SAPA:100012	89	45	113	26	40	18S-general eukaryotes
229	unknown	unknown	Telonemida	unknown	Telonema	Telonema subtile	36	19	0	16	79	18S-general eukaryotes
935	unknown	unknown	Trichiida	Trichiidae	Arcyria	Arcyria nigella	5	0	0	0	321	FITS-Fungi
1	unknown	unknown	unknown	unknown	NA		2685	359	276	7	1	16S-bacteria and archaea
48	unknown	unknown	unknown	unknown	unknown		34	10	23	11	48	16S-bacteria and archaea
152	unknown	unknown	unknown	unknown	unknown		2394	1585	653	3037	2	18S-general eukaryotes
157	unknown	unknown	unknown	unknown	NA		796	212	105	387	7	18S-general eukaryotes
255	unknown	unknown	unknown	Planomonadidae	Fabomonas	Fabomonas tropica	41	0	0	0	105	18S-general eukaryotes
296	unknown	unknown	unknown	Nucleariidae	Nuclearia	Nuclearia delicatula	13	12	0	0	146	18S-general eukaryotes
337	unknown	unknown	unknown	Paramoebidae	Korcyneveilla		9	0	6	0	187	18S-general eukaryotes
367	unknown	unknown	unknown	Ancrymonadidae	Ancrymonas	Ancrymonas sigmoides	0	6	0	5	217	18S-general eukaryotes
381	unknown	unknown	unknown	Mastigamoebidae	NA		0	0	0	0	9	18S-general eukaryotes
382	unknown	unknown	unknown	Paramoebidae	NA		0	0	0	0	232	18S-general eukaryotes
383	unknown	unknown	unknown	Vannellidae	Vannella	Vannella sp. strain CH88/I	0	0	0	9	233	18S-general eukaryotes
392	unknown	unknown	unknown	Mastigamoebidae	Mastigamoeba	Mastigamoeba sp. IC-2012f	0	0	0	8	242	18S-general eukaryotes
423	unknown	unknown	unknown	Vexilliferidae	NA		5	0	0	0	273	18S-general eukaryotes
442	unknown	unknown	unknown	Vannellidae	NA		1	0	1	1	292	18S-general eukaryotes
467	unknown	unknown	unknown	unknown	unknown		unk	unk	unk	unk	4	vert12S-vertebrates
469	unknown	unknown	unknown	unknown	NA		unk	unk	unk	unk	1	CO1-protists-invertebrates
470	unknown	unknown	unknown	unknown	unknown		unk	unk	unk	unk	2	CO1-protists-invertebrates
475	unknown	unknown	unknown	Vexilliferidae	Vexillifera	Vexillifera kereti	179	30	143	186	7	CO1-protists-invertebrates
526	unknown	unknown	unknown	Paramoebidae	Paramoeba	Paramoeba pemaquidensis	0	0	0	15	58	CO1-protists-invertebrates
598	unknown	unknown	unknown	unknown	unknown		unk	unk	unk	unk	51	PITS-plants and green algae
615	unknown	unknown	unknown	unknown	unknown		unk	unk	unk	unk	1	FITS-Fungi
721	unknown	unknown	unknown	unknown	NA		unk	unk	unk	unk	107	FITS-Fungi
31	Verrucomicrobia	Opitutae	Opitutales	Opitutaceae	NA		72	0	0	59	31	16S-bacteria and archaea
68	Verrucomicrobia	Opitutae	Opitutales	Opitutaceae	Opitutus		0	40	0	0	68	16S-bacteria and archaea
27	Verrucomicrobia	Spartobacteria	unknown	unknown	NA		27	28	0	80	27	16S-bacteria and archaea

55	Verrucomicrobia	unknown	unknown	unknown	unk	31	0	0	30	55	16S-bacteria and archaea
5	Verrucomicrobia	Verrucomicrobiae	Verrucomicrobiale	Verrucomicrobia si NA	bacterium Ellin516	346	199	150	263	5	16S-bacteria and archaea
14	Verrucomicrobia	Verrucomicrobiae	Verrucomicrobiale	Verrucomicrobiae NA		106	0	20	133	14	16S-bacteria and archaea
36	Verrucomicrobia	Verrucomicrobiae	Verrucomicrobiale	Prosthecobacter		114	0	0	0	36	16S-bacteria and archaea
47	Verrucomicrobia	Verrucomicrobiae	Verrucomicrobiale	Rubritaleaceae	Rubritalea	64	15	0	0	47	16S-bacteria and archaea
57	Verrucomicrobia	Verrucomicrobiae	Verrucomicrobiale	Verrucomicrobia si NA		2	52	1	2	57	16S-bacteria and archaea
69	Verrucomicrobia	Verrucomicrobiae	Verrucomicrobiale	Verrucomicrobiae Luteolibacter	Luteolibacter algae	0	0	40	0	69	16S-bacteria and archaea
74	Verrucomicrobia	Verrucomicrobiae	Verrucomicrobiale	unknown		0	36	0	0	74	16S-bacteria and archaea
90	Verrucomicrobia	Verrucomicrobiae	Verrucomicrobiale	Roseibacillus	Roseibacillus ponti	0	0	23	0	90	16S-bacteria and archaea
98	Verrucomicrobia	Verrucomicrobiae	Verrucomicrobiale	Verrucomicrobia si NA	unidentified eubacterium RB01	0	17	0	0	98	16S-bacteria and archaea
149	Verrucomicrobia	Verrucomicrobiae	Verrucomicrobiale	Verrucomicrobiae Verrucomicrobiu	Verrucomicrobium sp. IMCC25901	0	0	0	1	149	16S-bacteria and archaea
227	Zoopagomycota	Basidiobolomycet	Basidiobolales	Basidiobolaceae	Basidiobolus	58	0	0	19	77	18S-general eukaryotes
346	Zoopagomycota	Basidiobolomycet	Basidiobolales	Basidiobolaceae	Schizangiella	14	0	0	0	196	18S-general eukaryotes

<b>total detect</b>	<b>610</b>	<b>460</b>	<b>278</b>	<b>473</b>
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total count	967	967	905	967
total zeros	357	507	627	494