

Species that differentiate periods of high vs. low species richness in unattached communities

Species	Taxonomy
JN869023	Bacteria; Actinobacteria; Actinobacteria; Actinomycetales; ACK-M1
JN674641	Bacteria; Bacteroidetes; [Saprosirae]; [Saprosirales]; Chitinophagaceae; Sediminibacterium
JN869030	Bacteria; Actinobacteria; Actinobacteria; Actinomycetales; ACK-M1
U51104	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae; Limnohabitans
JN868812	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae
JN391888	Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces
HM856408	Bacteria; Planctomycetes; Phycisphaerae; Phycisphaerales
GQ347385	Bacteria; Verrucomicrobia; [Methylacidiphilae]; Methylacidiphilales; LD19
GU305856	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales; Pelagibacteraceae
GQ340302	Bacteria; Actinobacteria; Actinobacteria; Actinomycetales
JN869125	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae
New.ReferenceOTU470	Bacteria; Cyanobacteria; ML635J-21
JN679119	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae
HM141858	Bacteria; Acidobacteria; Holophagae; Holophagales; Holophagaceae; Geothrix
FQ659340	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; auto67_4W
AY133074	Bacteria; Elusimicrobia; Elusimicrobia; Elusimicrobiales
FJ800541	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; R4-41B
JQ346769	Bacteria; Acidobacteria; [Chloracidobacteria]; RB41; Ellin6075
New.ReferenceOTU531	Bacteria; Verrucomicrobia; [Methylacidiphilae]; S-BQ2-57
HM217054	Bacteria; Cyanobacteria; Synechococcophycideae; Synechococcales; Synechococaceae; Synechococcus
JN869181	Bacteria; Acidobacteria; [Chloracidobacteria]; RB41; Ellin6075
HQ403224	Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales
New.ReferenceOTU306	Unassigned
New.ReferenceOTU210	Bacteria; Proteobacteria; Deltaproteobacteria; Spirobacillales
New.ReferenceOTU159	Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales
HQ729781	Bacteria; Acidobacteria; Acidobacteria-6; iii1-15
HM444975	Bacteria; SBR1093
JQ311876	Bacteria; Proteobacteria; Deltaproteobacteria; MIZ46
New.CleanUp.ReferenceOTU199	Bacteria; OP3; koll11
FN430659	Bacteria; Proteobacteria; Betaproteobacteria; Gallionellales; Gallionellaceae; Gallionella
EU244074	Bacteria; Acidobacteria; [Chloracidobacteria]; RB41; Ellin6075
HQ856367	Bacteria; Acidobacteria; [Chloracidobacteria]; RB41; Ellin6075
FR687482	Bacteria; Proteobacteria; Deltaproteobacteria; MIZ46
AB294259	Archaea; Crenarchaeota; Thaumarchaeota; Cenarchaeales; SAGMA-X
New.ReferenceOTU282	Bacteria; OP3; PBS-25
HQ729872	Bacteria; Acidobacteria; Acidobacteria-6; iii1-15
New.ReferenceOTU286	Unassigned
New.CleanUp.ReferenceOTU43	Unassigned
New.ReferenceOTU135	Unassigned
New.ReferenceOTU129	Unassigned
JN391892	Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces
HM776988	Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Flavobacteriaceae; Flavobacterium
New.CleanUp.ReferenceOTU365	Bacteria; OP3; PBS-25
HQ910335	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Oxalobacteraceae
EU801285	Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Cryomorphaceae
New.CleanUp.ReferenceOTU282	Bacteria; Cyanobacteria; 4C0d-2; SM2F09
HE614852	Bacteria; Verrucomicrobia; [Spartobacteria]; [Chthoniobacteriales]; [Chthoniobacteraceae]; Chthoniobacter
New.CleanUp.ReferenceOTU320	Bacteria; OP3; koll11
AJ390463	Bacteria; OP3; PBS-25
HQ269173	Archaea; Crenarchaeota; Thaumarchaeota; Nitrososphaerales; Nitrososphaeraceae; Candidatus Nitrososphaera; SCA1170
JN825455	Bacteria; Acidobacteria; [Chloracidobacteria]; RB41; Ellin6075
JN003071	Bacteria; Verrucomicrobia; Opiritutae; Opiritutales; Opiritutaceae
FQ658568	Bacteria; Gemmatimonadetes; Gemmatimonadetes; Gemmatimonadales; Gemmatimonadaceae; Gemmatimonas
New.ReferenceOTU575	Bacteria; OP3; PBS-25
F1444695	Bacteria; Proteobacteria; Gammaproteobacteria; [Marinicellales]; [Marinicellaceae]
GQ340198	Bacteria; Verrucomicrobia; [Spartobacteria]; [Chthoniobacteriales]; [Chthoniobacteraceae]
JN868775	Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae
New.ReferenceOTU340	Bacteria; OP3; PBS-25
GU368365	Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae
New.CleanUp.ReferenceOTU240	Bacteria; Chlamydiae; Chlamydia; Chlamydiales; Rhabdochlamydiae; Candidatus Rhabdochlamydia
New.CleanUp.ReferenceOTU269	Unassigned
AJ616287	Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces
JF703347	Bacteria; Acidobacteria; Acidobacteria-6; iii1-15
HM537013	Bacteria; Proteobacteria; Deltaproteobacteria; Spirobacillales
New.ReferenceOTU295	Unassigned
New.ReferenceOTU136	Bacteria; Proteobacteria; Gammaproteobacteria
HM445090	Bacteria; Nitrospirae; NitrospiraNitrospirales; 0319-6A21
New.ReferenceOTU263	Bacteria; Proteobacteria; Alphaproteobacteria
DQ501339	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales
GQ302575	Bacteria; Acidobacteria; RB25
GQ389101	Bacteria; Bacteroidetes; [Saprosirae]; [Saprosirales]; Chitinophagaceae
New.CleanUp.ReferenceOTU25	Unassigned
HQ120666	Bacteria; Proteobacteria; Deltaproteobacteria; Spirobacillales
New.CleanUp.ReferenceOTU211	Unassigned
New.ReferenceOTU64	Unassigned

EF019922	Bacteria; Bacteroidetes; [Saprosirae]; [Saprosirales]; Chitinophagaceae; Sediminibacterium
JN695863	Bacteria; Bacteroidetes; [Saprosirae]; [Saprosirales]; Chitinophagaceae
New.ReferenceOTU84	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]
JF275031	Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales; Sphingomonadaceae
New.CleanUp.ReferenceOTU763	Bacteria; OD1; ABY1
EF019478	Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces
New.ReferenceOTU250	Bacteria; GN02; 3BR-5F
JN023930	Bacteria; Acidobacteria; Acidobacteria-6; iii1-15
New.ReferenceOTU141	Bacteria; Proteobacteria; Gammaproteobacteria; HTCC2188; HTCC2089
AY947955	Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Cryomorphaeaceae
New.CleanUp.ReferenceOTU103	Bacteria; Planctomycetes; vadinHA49
FQ660234	Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae
HQ595219	Bacteria; Proteobacteria; Deltaproteobacteria; MIZ46
New.CleanUp.ReferenceOTU1433	Unassigned
New.CleanUp.ReferenceOTU150	Unassigned
New.ReferenceOTU27	Bacteria; TM6; SJA-4
JN869112	Bacteria; Proteobacteria; Betaproteobacteria; Methylophilales; Methylophilaceae; Methylophilum; mobilis
JQ014504	Bacteria; Proteobacteria; Gammaproteobacteria; Xanthomonadales; Xanthomonadaceae; Pseudoxanthomonas; mexicana
New.CleanUp.ReferenceOTU183	Bacteria; TM6; SBRH58
New.CleanUp.ReferenceOTU231	Bacteria; Proteobacteria; Deltaproteobacteria; Spirobaillales
HM187027	Bacteria; Chloroflexi; Anaerolineae; H39
New.CleanUp.ReferenceOTU255	Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces
New.CleanUp.ReferenceOTU583	Unassigned
EF580956	Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Gemmataceae
JN391883	Bacteria; Bacteroidetes; [Saprosirae]; [Saprosirales]; Chitinophagaceae
JN868835	Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales; Coxiellaceae
X99392	Bacteria; Verrucomicrobia; Opitutae; Opitutales; Opitutaceae; Opitutus
AM991220	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales
EU937856	Bacteria; Proteobacteria; Deltaproteobacteria; Bdellovibrionales; Bdellovibrionaceae; Bdellovibrio
New.CleanUp.ReferenceOTU134	Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales; Coxiellaceae
New.CleanUp.ReferenceOTU13	Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales
HQ597099	Bacteria; Acidobacteria; Acidobacteria-6; iii1-15
New.CleanUp.ReferenceOTU8277	Bacteria; OP3; koll11
New.CleanUp.ReferenceOTU1575	Unassigned
New.ReferenceOTU95	Bacteria; Acidobacteria
New.CleanUp.ReferenceOTU2428	Unassigned
HM128839	Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Cryomorphaeaceae
New.CleanUp.ReferenceOTU148	Archaea; [Parvarchaeota]; [Parvarchaeae]; YLA114
EF580954	Bacteria; Proteobacteria; Gammaproteobacteria; Chromatiales
New.CleanUp.ReferenceOTU428	Bacteria; OP3; PBS-25
New.CleanUp.ReferenceOTU225	Unassigned
New.ReferenceOTU226	Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae
JN562357	Archaea; Crenarchaeota; Thaumarchaeota; Nitrososphaerales; Nitrososphaeraceae; Candidatus Nitrososphaera; SCA1145
GQ339144	Bacteria; Proteobacteria; Betaproteobacteria; Gallionellales; Gallionellaceae; Gallionella
New.CleanUp.ReferenceOTU62	Bacteria; Proteobacteria; Gammaproteobacteria; Chromatiales
New.CleanUp.ReferenceOTU1916	Unassigned
JF790971	Bacteria; Actinobacteria; Actinobacteria; Actinomycetales; Microbacteriaceae; Salinibacterium
New.CleanUp.ReferenceOTU286	Bacteria; Chloroflexi; Anaerolineae; Ardenscatenales; Ardenscatenaceae; Ardenscatena
JN868900	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; 211ds20
New.ReferenceOTU68	Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae
New.CleanUp.ReferenceOTU1121	Unassigned
JN869190	Bacteria; Acidobacteria; Acidobacteria-6; iii1-15
New.CleanUp.ReferenceOTU1848	Bacteria; OP3; koll11
EF516811	Bacteria; Proteobacteria; Deltaproteobacteria; Myxococcales; Polyangiaceae
GQ302529	Bacteria; Proteobacteria; Alphaproteobacteria
New.CleanUp.ReferenceOTU821	Bacteria; OP3; PBS-25
New.CleanUp.ReferenceOTU1808	Bacteria; OP3; PBS-25
New.CleanUp.ReferenceOTU721	Bacteria; Proteobacteria; Deltaproteobacteria; FAC87
New.ReferenceOTU348	Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales; Coxiellaceae
New.CleanUp.ReferenceOTU143	Archaea; [Parvarchaeota]; [Parvarchaeae]; YLA114
HQ462473	Bacteria; Proteobacteria; Deltaproteobacteria; Desulfuromonadales; Geobacteraceae; Geobacter
JF833478	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Oxalobacteraceae
EU881102	Bacteria; Acidobacteria; Acidobacteria-6; iii1-15
JN867661	Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Gemmataceae
JN003081	Bacteria; Verrucomicrobia; [Spartobacteria]; [Chthoniobacteriales]; [Chthoniobacteraceae]; Chthoniobacter
EU133544	Bacteria; Proteobacteria; Alphaproteobacteria
HM187129	Bacteria; Proteobacteria; Deltaproteobacteria
New.CleanUp.ReferenceOTU936	Unassigned
New.CleanUp.ReferenceOTU1351	Bacteria; GN02; GKS2-174
FN391836	Bacteria; Proteobacteria; Betaproteobacteria; Gallionellales; Gallionellaceae; Gallionella
New.CleanUp.ReferenceOTU32743	Bacteria; OP3; PBS-25
New.CleanUp.ReferenceOTU1617	Bacteria; OP3; koll11
New.CleanUp.ReferenceOTU111	Archaea; Crenarchaeota; MBGA
New.CleanUp.ReferenceOTU243	Unassigned
GU598741	Bacteria; Elusimicrobia; Elusimicrobia; FAC88
New.ReferenceOTU294	Bacteria; Planctomycetes; OM190; CL500-15
EU283360	Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales

New.CleanUp.ReferenceOTU3621	Bacteria; Proteobacteria; Deltaproteobacteria; MIZ46
GU983342	Bacteria; Bacteroidetes; [Saprosirae]; [Saprosirales]; Chitinophagaceae
New.CleanUp.ReferenceOTU1362	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]
FJ381988	Bacteria; Cyanobacteria; Synechococcophycidae; Pseudanabaenales; Pseudanabaenaceae; Pseudanabaena
New.ReferenceOTU87	Bacteria; GNO2; 3BR-5F
New.CleanUp.ReferenceOTU3943	Bacteria; OP3; PBS-25
HQ218662	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales
HM186547	Bacteria; OP3; PBS-25
AM991172	Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales; Coxiellaceae
HQ538650	Bacteria; Proteobacteria; Betaproteobacteria; Rhodocyclales; Rhodocyclaceae; Propionivibrio
HQ118788	Bacteria; Bacteroidetes; [Saprosirae]; [Saprosirales]; Chitinophagaceae
FJ946611	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales
FJ184606	Bacteria; Proteobacteria
New.CleanUp.ReferenceOTU3527	Unassigned
New.CleanUp.ReferenceOTU1930	Unassigned
FJ546406	Bacteria; Chlorobi; SJA-28
JN409228	Bacteria; Verrucomicrobia; Opitutae; Opitutales; Opitutaceae; Opitutus
EU134788	Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales; Coxiellaceae
FJ444729	Bacteria; Acidobacteria; Acidobacteria-6; iii1-15
FJ232633	Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces
New.CleanUp.ReferenceOTU128	Bacteria; Verrucomicrobia; [Spartobacteria]; [Chthoniobacteriales]; [Chthoniobacteraceae]
New.CleanUp.ReferenceOTU1833	Archaea; [Parvarchaeota]; [Parvarchaeae]; YLA114
New.CleanUp.ReferenceOTU5278	Bacteria; Elusimicrobia; Elusimicrobia; MVP-88
New.CleanUp.ReferenceOTU4309	Bacteria; GNO2; 3BR-5F
New.CleanUp.ReferenceOTU2421	Bacteria; Proteobacteria; Deltaproteobacteria; MIZ46
New.CleanUp.ReferenceOTU2818	Bacteria; OP3; koll11
New.CleanUp.ReferenceOTU184	Unassigned
HM187241	Bacteria; Chloroflexi; SAR202
JF830159	Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales
GQ202643	Bacteria; Proteobacteria; Betaproteobacteria; MND1
HM445502	Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales; Coxiellaceae; Aquicella
JN695852	Bacteria; Proteobacteria; Alphaproteobacteria; Caulobacteriales; Caulobacteraceae
JF429008	Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales; Coxiellaceae
JN873147	Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Flavobacteriaceae; Flavobacterium
FJ466222	Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae
GQ487944	Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales; Coxiellaceae
New.CleanUp.ReferenceOTU2433	Unassigned
New.CleanUp.ReferenceOTU406	Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales
New.CleanUp.ReferenceOTU2083	Bacteria; Proteobacteria; Deltaproteobacteria; MIZ46
New.CleanUp.ReferenceOTU4458	Bacteria; Verrucomicrobia; Opitutae; Opitutales; Opitutaceae
New.CleanUp.ReferenceOTU1287	Bacteria; GNO2; GKS2-174
New.CleanUp.ReferenceOTU4755	Unassigned
New.CleanUp.ReferenceOTU1190	Unassigned
New.CleanUp.ReferenceOTU3124	Unassigned
New.CleanUp.ReferenceOTU4961	Bacteria; OP3; koll11
New.CleanUp.ReferenceOTU4090	Bacteria; Elusimicrobia; Elusimicrobia; Elusimicrobiales
New.CleanUp.ReferenceOTU352	Bacteria; Proteobacteria; Deltaproteobacteria; Spirobacliales
New.CleanUp.ReferenceOTU1898	Unassigned
New.CleanUp.ReferenceOTU1006	Bacteria; OD1; ABY1
New.CleanUp.ReferenceOTU3444	Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales; Legionellaceae
New.CleanUp.ReferenceOTU1489	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; R4-41B
HM186668	Bacteria; Fibrobacteres; SBZC_2415
FJ889271	Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales; Coxiellaceae
HQ178712	Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales
HQ674920	Bacteria; TM6; SJA-4
EU135494	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; R4-41B
AB630860	Bacteria; Planctomycetes; OM190; agg27
JN656858	Bacteria; Bacteroidetes; [Saprosirae]; [Saprosirales]; Chitinophagaceae; Sediminibacterium
AB630790	Bacteria; TM7; SC3
JF703570	Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae
EU134773	Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales; Coxiellaceae
New.ReferenceOTU134	Unassigned
New.CleanUp.ReferenceOTU4353	Unassigned
New.CleanUp.ReferenceOTU1450	Unassigned
New.CleanUp.ReferenceOTU2716	Bacteria; Elusimicrobia; Endomicrobia
New.CleanUp.ReferenceOTU11835	Bacteria; Proteobacteria; Deltaproteobacteria; Spirobacliales
New.CleanUp.ReferenceOTU1284	Unassigned
New.CleanUp.ReferenceOTU43456	Bacteria; OP3; PBS-25
New.CleanUp.ReferenceOTU2698	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]
New.CleanUp.ReferenceOTU3231	Bacteria; Proteobacteria; Deltaproteobacteria; Myxococcales; O319-6G20
New.CleanUp.ReferenceOTU1721	Bacteria; Proteobacteria; Deltaproteobacteria; Spirobacliales
New.CleanUp.ReferenceOTU3755	Unassigned
New.CleanUp.ReferenceOTU3298	Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales; Legionellaceae
New.CleanUp.ReferenceOTU3883	Bacteria; OP3; koll11
New.CleanUp.ReferenceOTU2171	Bacteria; TM6; SJA-4
New.CleanUp.ReferenceOTU209	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Alteromonadaceae
New.CleanUp.ReferenceOTU3557	Unassigned

New.CleanUp.ReferenceOTU5408 Bacteria; GN02; GKS2-174
 New.CleanUp.ReferenceOTU1710 Bacteria; Chlamydiae; Chlamydia; Chlamydiales; Rhabdochlamydiaceae; Candidatus Rhabdochlamydia

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<i>Species</i>	<i>Taxonomy</i>
JN391884	Bacteria; Proteobacteria; Betaproteobacteria; Rhodocyclales; Rhodocyclaceae
FQ659529	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; HTCC2188
X89910	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae
JN679210	Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Flavobacteriaceae; Flavobacterium
JQ311842	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Alteromonadaceae; Cellvibrio
JQ279064	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae
HQ385567	Bacteria; Proteobacteria; Gammaproteobacteria; Acidithiobacillales
JN391737	Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae; Prosthecobacter
GQ397014	Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae; Leadbetterella
JN868762	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae
DQ840468	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Moraxellaceae; Perlicidibaca
GQ396806	Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae
HM776988	Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Flavobacteriaceae; Flavobacterium
FQ659775	Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae
FN984831	Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae
GQ340069	Bacteria; Armatimonadetes; Armatimonadia; Armatimonadales; Armatimonadaceae
HM016165	Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Flavobacteriaceae; Flavobacterium
JN869117	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae
HQ178734	Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Cryomorphaeae; Fluviicola
JF922309	Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Flavobacteriaceae; Flavobacterium
JN391638	Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales
AY509518	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; R4-41B
HE582776	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Moraxellaceae
HQ863983	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Rhodobacter
DQ840466	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Moraxellaceae
JN868775	Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae
HQ327293	Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Flavobacteriaceae; Flavobacterium
HM129050	Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae
JN023132	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Alteromonadaceae; Cellvibrio
JN038783	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae; Rhodoferrax
GQ148878	Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Flavobacteriaceae; Flavobacterium
JN391892	Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces
JN983651	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Rhodobacter
New.ReferenceOTU261	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; R4-41B
EU703485	Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces
JN225962	Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Flavobacteriaceae; Flavobacterium
EU937926	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; R4-41B
M58790	Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Saprospiraceae; Haliscomenobacter
AY212695	Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae
New.ReferenceOTU466	Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae; Flectobacillus
FN827267	Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Flavobacteriaceae; Flavobacterium
EU978820	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Oxalobacteraceae
New.ReferenceOTU226	Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae
CU920243	Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces
JN030506	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Oxalobacteraceae
FR667343	Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae; Luteolibacter
JN868990	Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Isosphaeraeae
New.ReferenceOTU369	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]
New.ReferenceOTU323	Bacteria; Proteobacteria; Gammaproteobacteria; PYR10d3
JN868729	Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Flavobacteriaceae; Flavobacterium
JF733410	Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Flavobacteriaceae; Flavobacterium
HE648192	Bacteria; Proteobacteria; Gammaproteobacteria; Xanthomonadales; Xanthomonadaceae
HE648177	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; R4-41B
FR774596	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Moraxellaceae
CU918105	Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae
AJ867895	Bacteria; Armatimonadetes; Armatimonadia; Armatimonadales; Armatimonadaceae; Armatimonas
New.ReferenceOTU436	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]
FQ660234	Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae
JN825593	Bacteria; Planctomycetes; vadinHA49; DH61
FQ659298	Bacteria; Proteobacteria; Gammaproteobacteria; Xanthomonadales; Xanthomonadaceae
HM921113	Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales; Sphingomonadaceae
EU177691	Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]
FJ546380	Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae; Prosthecobacterdebontii
GQ402622	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; auto67_4W
GQ502604	Bacteria; Proteobacteria; Betaproteobacteria; Rhodocyclales; Rhodocyclaceae
HQ327238	Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Chitinophagaceae
FR667361	Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales
JN397767	Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Flavobacteriaceae; Flavobacterium
FN984805	Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae; Flectobacillus
New.CleanUp.ReferenceOTU17	Bacteria; Verrucomicrobia; [Spartobacteria]; [Chthoniobacteriales]; [Chthoniobacteraceae]
FN984884	Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales
HQ691997	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales; Rickettsiaceae

New.CleanUp.ReferenceOTU154 Bacteria; Bacteroidetes; BME43

JF703570 Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae

JN869113 Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales

EU244008 Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Flavobacteriaceae; Flavobacterium

AF418960 Bacteria; Armatimonadetes; [Fimbrimonadia]; [Fimbrimonadales]; [Fimbrimonadaceae]; Fimbrimonas

QJ316669 Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae; Emticicia

FJ612153 Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae; Prosthecobacter

Z49735 Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales; Legionellaceae; Legionella

GQ264227 Bacteria; Verrucomicrobia; [Spartobacteria]; [Chthoniobacteriales]; [Chthoniobacteraceae]; Chthoniobacter

HQ000017 Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Flavobacteriaceae; Flavobacterium

FM200994 Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales

JF800781 Bacteria; Proteobacteria; Alphaproteobacteria; Caulobacterales; Caulobacteraceae; Phenyllobacterium

New.ReferenceOTU181 Bacteria; Verrucomicrobia; [Methylacidiphilae]; Methylacidiphilales

AF418950 Bacteria; Planctomycetes; Phycisphaerae; Phycisphaerales

New.ReferenceOTU485 Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; R4-41B

HQ178852 Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales

EU431809 Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Chitinophagaceae

HQ178712 Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales

New.ReferenceOTU584 Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces

FJ825812 Bacteria; Proteobacteria; Betaproteobacteria; Procabacteriales; Procabacteriaceae

HM129561 Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Flavobacteriaceae; Flavobacterium

HM443868 Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Flavobacteriaceae; Flavobacterium

AB308367 Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae

JN679211 Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Flavobacteriaceae; Flavobacterium

BX294816 Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces

JN869123 Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae

JN090811 Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales

HQ860533 Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae

BX294796 Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces

EU580497 Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae; Prosthecobacter

HE574386 Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Flavobacteriaceae; Flavobacterium

HQ119342 Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Flavobacteriaceae; Flavobacterium

New.ReferenceOTU527 Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales

GQ389095 Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales

JN868993 Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae

AY947992 Bacteria; Armatimonadetes; Armatimonadia; Armatimonadales; Armatimonadaceae

New.CleanUp.ReferenceOTU543 Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; R4-41B

JN695861 Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae

New.CleanUp.ReferenceOTU77 Bacteria; Proteobacteria; Gammaproteobacteria

New.CleanUp.ReferenceOTU78 Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales

GQ264342 Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales

FQ659784 Bacteria; Proteobacteria; Gammaproteobacteria; Xanthomonadales; Xanthomonadaceae

HQ119574 Bacteria; Proteobacteria; Deltaproteobacteria; Myxococcales; OM27

New.ReferenceOTU438 Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces

EU104013 Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Saprospiraceae

EF419414 Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae

JN983640 Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Chitinophagaceae

JN003081 Bacteria; Verrucomicrobia; [Spartobacteria]; [Chthoniobacteriales]; [Chthoniobacteraceae]; Chthoniobacter

HM584339 Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Flavobacteriaceae; Flavobacterium

FN984864 Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Chitinophagaceae; Sediminibacterium

New.CleanUp.ReferenceOTU177 Bacteria; Verrucomicrobia; [Spartobacteria]; [Chthoniobacteriales]; [Chthoniobacteraceae]

DQ497240 Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales; Sphingomonadaceae; Zymomonas

New.ReferenceOTU152 Bacteria; Verrucomicrobia; Verruco-5; LD1-PB3

FJ849086 Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales

GU305749 Bacteria; Cyanobacteria; Synechococcophycideae; Synechococcales; Synechococcaceae; Synechococcus

JF275031 Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales; Sphingomonadaceae

GQ259314 Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae; Luteolibacter

New.CleanUp.ReferenceOTU112 Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; R4-41B

HE574357 Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Flavobacteriaceae; Flavobacterium

JN035174 Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales

DQ067033 Bacteria; Proteobacteria; Deltaproteobacteria; Myxococcales

New.CleanUp.ReferenceOTU64 Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae

New.CleanUp.ReferenceOTU76 Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae

New.ReferenceOTU303 Unassigned

HM773484 Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Phyllobacteriaceae

New.CleanUp.ReferenceOTU951 Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces

JF275029 Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales; Sphingomonadaceae; Novosphingobium

JN409122 Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales

New.CleanUp.ReferenceOTU173 Bacteria; Chloroflexi; Anaerolineae; SBR1031; A4b

EF683063 Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Chitinophagaceae; Segetibacter

New.CleanUp.ReferenceOTU147 Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Saprospiraceae

New.CleanUp.ReferenceOTU116 Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae

JN590605 Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae; Methyllobium

EU803895 Bacteria; Gemmatimonadetes; Gemmatimonadetes; KD8-87

New.CleanUp.ReferenceOTU102 Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; R4-41B

New.CleanUp.ReferenceOTU2563 Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae; Flectobacillus

FR774592 Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Rhodobacter

EU177734	Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Saprospiraceae
New.ReferenceOTU487	Bacteria; GN02; GKS2-174
HQ860607	Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae; Luteolibacter
New.CleanUp.ReferenceOTU127	Unassigned
New.CleanUp.ReferenceOTU1804	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; auto67_4W
FR667409	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales
New.CleanUp.ReferenceOTU398	Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales
FJ849072	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae
JQ290101	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Oxalobacteraceae
FJ542894	Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales; Legionellaceae; Legionella
DQ083112	Bacteria; Proteobacteria; Betaproteobacteria
AJ290173	Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae
JN380982	Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales; Legionellaceae; Legionella
EF516529	Bacteria; Verrucomicrobia; [Spartobacteria]; [Chthoniobacteriales]; [Chthoniobacteraceae]
New.CleanUp.ReferenceOTU8844	Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae; Emticia
EU528220	Bacteria; Proteobacteria; Betaproteobacteria; SC-I-84
New.CleanUp.ReferenceOTU331	Unassigned
New.CleanUp.ReferenceOTU369	Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales
AJ307937	Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales; Sphingomonadaceae; Novosphingobium
New.CleanUp.ReferenceOTU598	Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Gemmataceae; Gemmata
JN391898	Bacteria; Bacteroidetes; Bacteroidia; Bacteroidales
GU208376	Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales
JF500188	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Moraxellaceae; Perlicidibaca
New.CleanUp.ReferenceOTU780	Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Saprospiraceae
New.CleanUp.ReferenceOTU257	Bacteria; Proteobacteria; Deltaproteobacteria; Myxococcales
FJ849203	Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Saprospiraceae
New.CleanUp.ReferenceOTU357	Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Saprospiraceae
FJ854742	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae
HQ856465	Bacteria; Acidobacteria; Solibacteres; Solibacterales; [Bryobacteraceae]
HQ178821	Bacteria; Proteobacteria; Deltaproteobacteria; Desulfuromonadales; Geobacteraceae; Geobacter
FJ936965	Bacteria; Proteobacteria; Gammaproteobacteria; Xanthomonadales; Xanthomonadaceae
EU774045	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Moraxellaceae; Perlicidibaca
CU466743	Bacteria; Bacteroidetes; BME43
New.CleanUp.ReferenceOTU354	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; R4-41B
JN133826	Bacteria; Proteobacteria; Betaproteobacteria; Methylophilales; Methylophilaceae; Methylophilus; mobilis
HQ119891	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Alteromonadaceae; Cellvibrio
AY752110	Bacteria; Verrucomicrobia; [Spartobacteria]; [Chthoniobacteriales]; [Chthoniobacteraceae]; Candidatus Xiphinematobacter
New.CleanUp.ReferenceOTU9032	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Oxalobacteraceae
AB473881	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae
JN409143	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; 211ds20
New.ReferenceOTU488	Unassigned
New.CleanUp.ReferenceOTU734	Unassigned
New.CleanUp.ReferenceOTU570	Unassigned
JN825419	Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Flammeovirgaceae
HM590828	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Oxalobacteraceae
JN408925	Bacteria; Proteobacteria; Betaproteobacteria; Elin6067
JN020169	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae
GU370084	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Rhodobactersphaeroides
FN827210	Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales
New.CleanUp.ReferenceOTU3296	Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Chitinophagaceae; Sediminibacterium
DQ676289	Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Chitinophagaceae
New.CleanUp.ReferenceOTU6	Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae; Prosthecobacter
New.CleanUp.ReferenceOTU6668	Bacteria; Proteobacteria; Gammaproteobacteria; [Marinicellales]; [Marinicellaceae]
JN381004	Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales; Legionellaceae
HM856393	Bacteria; TM7; SC3
HQ385627	Bacteria; Proteobacteria; Deltaproteobacteria; Myxococcales
EF520403	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales; Rickettsiaceae
FJ685991	Bacteria; Proteobacteria; Alphaproteobacteria; Caulobacterales; Caulobacteraceae; Caulobacter; henricii
JQ337719	Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae; Luteolibacter
AF312220	Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Gemmataceae; Gemmata
HQ420131	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales
EU801454	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; HTCC2188; HTCC
EU978831	Bacteria; Proteobacteria; Gammaproteobacteria; Xanthomonadales; Xanthomonadaceae
DQ264468	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae
FJ800526	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Alcaligenaceae
DQ988309	Bacteria; Proteobacteria; Deltaproteobacteria; Bdellovibrionales; Bacteriovoracaceae
JF929912	Bacteria; Proteobacteria; Gammaproteobacteria; Aeromonadales; Aeromonadaceae
EF111143	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae
EU133529	Bacteria; Proteobacteria; Alphaproteobacteria; Caulobacterales; Caulobacteraceae; Phenylbacterium
X94470	Bacteria; Proteobacteria; Alphaproteobacteria; Caulobacterales; Caulobacteraceae; Mycoplana
EF111054	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; auto67_4W
New.CleanUp.ReferenceOTU13007	Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Gemmataceae
New.CleanUp.ReferenceOTU13473	Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales; Sphingomonadaceae; Novosphingobium
New.CleanUp.ReferenceOTU2391	Bacteria; Planctomycetes; Phycisphaerae; Phycisphaerales
New.CleanUp.ReferenceOTU5487	Bacteria; Proteobacteria; Betaproteobacteria; Procabacteriales; Procabacteriaceae
New.CleanUp.ReferenceOTU1562	Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Saprospiraceae
New.CleanUp.ReferenceOTU1099	Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales; Legionellaceae; Legionella

New.CleanUp.ReferenceOTU1510 Bacteria; Proteobacteria; Deltaproteobacteria; Myxococcales
New.CleanUp.ReferenceOTU442 Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae
New.CleanUp.ReferenceOTU1885 Bacteria; Bacteroidetes; Sphingobacteria; Sphingobacteriales
New.CleanUp.ReferenceOTU1471 Bacteria; Verrucomicrobia; [Spartobacteria]; [Chthoniobacteriales]; [Chthoniobacteraceae]
New.CleanUp.ReferenceOTU4922 Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales; Coxiellaceae

Species that differentiate porewater and attached communities

Species	Taxonomy
GU305784	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales; Pelagibacteraceae
HM856582	Bacteria; Actinobacteria; Actinobacteria; Actinomycetales; ACK-M1
JN869023	Bacteria; Actinobacteria; Actinobacteria; Actinomycetales; ACK-M1
JN674641	Bacteria; Bacteroidetes; [Saprosirae]; [Saprosirales]; Chitinophagaceae; Sediminibacterium
JN562364	Archaea; Crenarchaeota; Thaumarchaeota; Cenarchaeales; Cenarchaeaceae; Nitrosopumilus
FQ659529	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; HTCC2188
GQ340203	Bacteria; Bacteroidetes; [Saprosirae]; [Saprosirales]; Chitinophagaceae; Sediminibacterium
JN869030	Bacteria; Actinobacteria; Actinobacteria; Actinomycetales; ACK-M1
JN868757	Bacteria; Actinobacteria; Actinobacteria; Actinomycetales; ACK-M1
U51104	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae; Limnohabitans
JF327641	Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae
HQ385567	Bacteria; Proteobacteria; Gammaproteobacteria; Acidithiobacillales
JN869075	Bacteria; Proteobacteria; Betaproteobacteria; Methylophilales; Methylophilaceae
FN68204	Bacteria; Verrucomicrobia; Opitutae; [Cerasiococcales]; [Cerasiococaceae]
FQ659340	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; auto67_4W
JQ279064	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae
GQ340110	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; R4-41B
JN869022	Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Gemmataceae
FJ236055	Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces
JN679210	Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Flavobacteriaceae; Flavobacterium
JN868983	Bacteria; Cyanobacteria; Synechococcophycidae; Synechococcales; Synechococaceae; Synechococcus
HM856448	Bacteria; Actinobacteria; Acidimicrobia; Acidimicrobiales; C111
JN391737	Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae; Prosthecoacter
HQ692022	Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae
JN003114	Bacteria; Nitrospirae; NitrospiraNitrospirales; Nitrospiraceae; Nitrospira
X89910	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae
HM446095	Bacteria; Actinobacteria; Actinobacteria; Actinomycetales; ACK-M1
FQ659953	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; auto67_4W
DQ648970	Bacteria; Proteobacteria; Alphaproteobacteria
GQ500850	Bacteria; Proteobacteria; Alphaproteobacteria
GQ389073	Bacteria; Proteobacteria; Alphaproteobacteria
JF925033	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae
JN868881	Bacteria; Proteobacteria; Betaproteobacteria; Rhodocyclales; Rhodocyclaceae
GU983330	Bacteria; Acidobacteria; [Chloracidobacteria]; RB41; Ellin6075
JQ346769	Bacteria; Acidobacteria; [Chloracidobacteria]; RB41; Ellin6075
HM856579	Bacteria; Actinobacteria; Actinobacteria; Actinomycetales; ACK-M1
JN391888	Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces
FJ612391	Bacteria; Bacteroidetes; Sphingobacteria; Sphingobacteriales
HQ178734	Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Cryomorphaeae; Fluviicola
GQ397014	Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae; Leadbetterella
JF800748	Bacteria; Proteobacteria; Betaproteobacteria; Rhodocyclales; Rhodocyclaceae
GQ397041	Bacteria; Proteobacteria; Gammaproteobacteria
GQ396806	Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae
HQ863983	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Rhodobacter
JF703591	Bacteria; Nitrospirae; NitrospiraNitrospirales; Nitrospiraceae; Nitrospira
HM776988	Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Flavobacteriaceae; Flavobacterium
JN868756	Bacteria; Proteobacteria; Gammaproteobacteria; Xanthomonadales; Xanthomonadaceae
FN984831	Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae
DQ840468	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Moraxellaceae; Perlicidibaca
HE574370	Bacteria; Actinobacteria; Actinobacteria; Actinomycetales; ACK-M1
GQ389101	Bacteria; Bacteroidetes; [Saprosirae]; [Saprosirales]; Chitinophagaceae
JN869117	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae
JF922309	Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Flavobacteriaceae; Flavobacterium
JN868775	Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae
New.ReferenceOTU170	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; auto67_4W
AJ616287	Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces
HQ856367	Bacteria; Acidobacteria; [Chloracidobacteria]; RB41; Ellin6075
GU368365	Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae
AY509518	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; R4-41B
FN68282	Bacteria; Actinobacteria; Actinobacteria; Actinomycetales; ACK-M1
New.ReferenceOTU84	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]
HM016165	Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Flavobacteriaceae; Flavobacterium
FR749748	Bacteria; Acidobacteria; [Chloracidobacteria]; RB41; Ellin6075
FQ658627	Bacteria; Bacteroidetes; [Saprosirae]; [Saprosirales]; Saprosiraceae
JN367218	Bacteria; Bacteroidetes; [Saprosirae]; [Saprosirales]; Chitinophagaceae
EU244074	Bacteria; Acidobacteria; [Chloracidobacteria]; RB41; Ellin6075
GQ347385	Bacteria; Verrucomicrobia; [Methylacidiphilae]; Methylacidiphilales; LD19
FR667509	Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae
FJ381980	Bacteria; Cyanobacteria; Synechococcophycidae; Synechococcales; Synechococaceae; Synechococcus

JN391892 Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces

FJ232677 Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Gemmataceae

EU132280 Bacteria; Acidobacteria; [Chloracidobacteria]; PK29

EU937926 Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; R4-41B

BX294808 Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Gemmataceae

JN868844 Bacteria; Nitrospirae; NitrospiraNitrospirales; Nitrospiraceae; Nitrospira

GU305838 Bacteria; Actinobacteria; Actinobacteria; Actinomycetales; ACK-M1

HM061839 Bacteria; Acidobacteria; [Chloracidobacteria]; RB41; Ellin6075

QK148878 Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Flavobacteriaceae; Flavobacterium

New.ReferenceOTU176 Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]

M58790 Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Saprospiraceae; Haliscomenobacter

JN695859 Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Chitinophagaceae; Sediminibacterium

JF830204 Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Chitinophagaceae

HQ114162 Bacteria; Proteobacteria; Gammaproteobacteria; Thiotrichales; Piscirickettsiaceae

AY212695 Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae

HQ403224 Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales

GU305856 Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales; Pelagibacteraceae

JN217210 Bacteria; Proteobacteria; Gammaproteobacteria; Chromatiales; Ectothiorhodospiraceae

JN983651 Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Rhodobacter

HM186550 Bacteria; OP3; PBS-25

FN827267 Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Flavobacteriaceae; Flavobacterium

JN656787 Bacteria; Actinobacteria; Actinobacteria; Actinomycetales; ACK-M1

HM856480 Bacteria; Actinobacteria; Acidimicrobiia; Acidimicrobiales; C111

HQ114215 Bacteria; Acidobacteria; Acidobacteria-6; iii1-15; mb2424

JN679119 Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae

HE582776 Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Moraxellaceae

HE574393 Bacteria; Actinobacteria; Actinobacteria; Actinomycetales; ACK-M1

New.CleanUp.ReferenceOTU38 Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; R4-41B

EU703485 Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces

New.ReferenceOTU226 Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae

DQ814726 Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces

New.ReferenceOTU261 Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; R4-41B

CU918105 Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae

EU803763 Bacteria; Chloroflexi; SL56

GQ340302 Bacteria; Actinobacteria; Actinobacteria; Actinomycetales

HE648177 Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; R4-41B

HM856411 Bacteria; Actinobacteria; Actinobacteria; Actinomycetales; ACK-M1

HQ166769 Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Cryomorphaeae; Fluvicola

New.ReferenceOTU136 Bacteria; Proteobacteria; Gammaproteobacteria

New.ReferenceOTU141 Bacteria; Proteobacteria; Gammaproteobacteria; HTCC2188; HTCC2089

JN037906 Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Chitinophagaceae

HM856537 Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Chitinophagaceae

DQ840466 Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Moraxellaceae

FJ546392 Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae

JN038783 Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae; Rhodofera

GQ500859 Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae

HQ327293 Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Flavobacteriaceae; Flavobacterium

CU920243 Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces

HM186036 Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae; Luteolibacter

JN825455 Bacteria; Acidobacteria; [Chloracidobacteria]; RB41; Ellin6075

HM445146 Bacteria; Acidobacteria; [Chloracidobacteria]; PK29

EU244088 Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae

FJ444695 Bacteria; Proteobacteria; Gammaproteobacteria; [Marinicellales]; [Marinicellaceae]

HM445197 Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales

JN695863 Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Chitinophagaceae

HM129050 Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae

GU305771 Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales

FR667322 Bacteria; Proteobacteria; Betaproteobacteria; SBla14

AM936347 Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Alteromonadaceae; HB2-32-21

EF632949 Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces

HQ115545 Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Moraxellaceae; Perlicidibaca

JN825593 Bacteria; Planctomycetes; vadinHA49; DH61

New.CleanUp.ReferenceOTU4 FJ516900 Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae

FJ516900 Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; OM60

New.CleanUp.ReferenceOTU7 FJ546380 Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; OM60

HM444860 Bacteria; Nitrospirae; NitrospiraNitrospirales; Nitrospiraceae; Nitrospira

EF019478 Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces

FJ232676 Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Gemmataceae

JN869026 Bacteria; Chlorobi; OPB56

FR667343 Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae; Luteolibacter

FJ546380 Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae; Prostheco bacter debontii

JF703512 Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae

New.ReferenceOTU369 Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]

New.ReferenceOTU466 Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae; Flectobacillus

FQ660234 Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae

EU801376 Bacteria; Actinobacteria; Actinobacteria; Actinomycetales; ACK-M1

New.CleanUp.ReferenceOTU10 Unassigned

New.ReferenceOTU289
HM445201
New.ReferenceOTU153
New.ReferenceOTU553
AJ616275
FR667361
New.ReferenceOTU526
HM921113
New.CleanUp.ReferenceOTU51
FQ659365
JQ311842
New.ReferenceOTU99
New.ReferenceOTU105
GQ302529
DQ501339
FJ439859
GQ203644
HE614852
FJ375493
New.ReferenceOTU365
GQ402622
FJ004666
AB355066
New.CleanUp.ReferenceOTU21
DQ413082
New.ReferenceOTU319
EU177691
New.ReferenceOTU294
EU978820
JN869080
JF703332
EU135194
JN868729
JN023132
EF516811
HM445261
JF733410
DQ815011
GQ500821
FJ793177
AJ867895
HQ691997
FM200994
FN824832
JN030506
JN391636
HM445123
GQ342324
JN003071
JN628328
JN869181
FJ004730
New.CleanUp.ReferenceOTU16
New.ReferenceOTU436
HM445515
FJ592761
EU132235
JF703570
New.CleanUp.ReferenceOTU5
New.CleanUp.ReferenceOTU47
JN868838
JF681400
JN983629
HQ597436
FQ659298
HE648192
New.ReferenceOTU8
GU305789
New.CleanUp.ReferenceOTU154
JN622004
EU431809
FR774596
JN869112
JN869165
HM128919
HM590831
FQ659666

Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces
Bacteria; Acidobacteria; Acidobacteria-6; iii1-15
Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces
Bacteria; Armatimonadetes; Armatimonadia; Armatimonadales; Armatimonadaceae; Armatimonas
Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae
Bacteria; Bacteroidetes; Sphingobacteria; Sphingobacteriales
Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces
Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales; Sphingomonadaceae
Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces
Bacteria; Proteobacteria; Gammaproteobacteria; Thiotrichales; Piscirickettsiaceae
Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Alteromonadaceae; Cellvibrio
Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Gemmataceae
Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces
Bacteria; Proteobacteria; Alphaproteobacteria
Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales
Bacteria; Acidobacteria; [Chloracidobacteria]; RB41; Ellin6075
Bacteria; Bacteroidetes; Sphingobacteria; Sphingobacteriales
Bacteria; Verrucomicrobia; [Spartobacteria]; [Chthoniobacteriales]; [Chthoniobacteraceae]; Chthoniobacter
Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; 125ds10
Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Chitinophagaceae
Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; auto67_4W
Bacteria; Acidobacteria; [Chloracidobacteria]; RB41; Ellin6075
Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Rhodobacter
Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales; Coxiellaceae
Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Gemmataceae
Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]
Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]
Bacteria; Planctomycetes; OM190; CL500-15
Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Oxalobacteraceae
Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Oxalobacteraceae
Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae
Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces
Bacteria; Bacteroidetes; Flavobacterii; Flavobacteriales; Flavobacteriaceae; Flavobacterium
Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Alteromonadaceae; Cellvibrio
Bacteria; Proteobacteria; Deltaproteobacteria; Myxococcales; Polyangiaceae
Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae
Bacteria; Bacteroidetes; Flavobacterii; Flavobacteriales; Flavobacteriaceae; Flavobacterium
Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces
Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Hyphomonadaceae
Bacteria; Bacteroidetes; Sphingobacteria; Sphingobacteriales
Bacteria; Armatimonadetes; Armatimonadia; Armatimonadales; Armatimonadaceae; Armatimonas
Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales; Rickettsiaceae
Bacteria; Bacteroidetes; Sphingobacteria; Sphingobacteriales
Bacteria; Chlorobi; OPB56
Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Oxalobacteraceae
Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Saprospiraceae
Bacteria; Proteobacteria; Gammaproteobacteria
Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Moraxellaceae
Bacteria; Verrucomicrobia; Opitutae; Opitiales; Opitutaceae
Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales
Bacteria; Acidobacteria; [Chloracidobacteria]; RB41; Ellin6075
Bacteria; Acidobacteria; Acidobacteria-6; CCU21
Bacteria; WS3; PRR-12; Sediment-1; PRR-10
Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]
Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Gemmataceae
Bacteria; Acidobacteria; Solibacteres; Solibacterales; [Bryobacteraceae]
Bacteria; Acidobacteria; [Chloracidobacteria]; RB41; Ellin6075
Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae
Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae
Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; Ellin517
Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales; Sphingomonadaceae; Novosphingobium
Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces
Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae; Limnochlamydomonadales
Bacteria; Acidobacteria; [Chloracidobacteria]; PK29
Bacteria; Proteobacteria; Gammaproteobacteria; Xanthomonadales; Xanthomonadaceae
Bacteria; Proteobacteria; Gammaproteobacteria; Xanthomonadales; Xanthomonadaceae
Unassigned
Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces
Bacteria; Bacteroidetes; BME43
Bacteria; Bacteroidetes; Flavobacterii; Flavobacteriales; Flavobacteriaceae; Flavobacterium
Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Chitinophagaceae
Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Moraxellaceae
Bacteria; Proteobacteria; Betaproteobacteria; Methylophilales; Methylophilaceae; Methylophilum; mobilis
Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Rhodobacter
Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Oxalobacteraceae; Polynucleobacter
Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae; Leadbetterella
Bacteria; Proteobacteria; Alphaproteobacteria

HQ729853 Bacteria; Acidobacteria; Acidobacteria-6; iii1-15; RB40

JQ316675 Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Oxalobacteraceae

AF407728 Bacteria; Planctomycetes; OM190; CL500-15

HQ385621 Bacteria; Proteobacteria; Deltaproteobacteria; NB1-j; JTB38

New.CleanUp.ReferenceOTU39 Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Moraxellaceae

JN609374 Bacteria; Proteobacteria; Gammaproteobacteria; 34P16

JN867673 Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Gemmataceae; Gemmata

JN868835 Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales; Coxiellaceae

FQ658519 Bacteria; Bacteroidetes; [Saprosirae]; [Saprosirales]; Chitinophagaceae

JF800781 Bacteria; Proteobacteria; Alphaproteobacteria; Caulobacterales; Caulobacteraceae; Phenylbacterium

DQ521519 Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Rhodobacter

JN984884 Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales

JN541149 Bacteria; Proteobacteria; Gammaproteobacteria

New.CleanUp.ReferenceOTU13 Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales

EF590037 Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae

New.CleanUp.ReferenceOTU22 Bacteria; Acidobacteria; [Chloracidobacteria]; PK29

EU283360 Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales

New.CleanUp.ReferenceOTU113 Bacteria; Bacteroidetes; [Saprosirae]; [Saprosirales]; Saprospiraceae

JN679211 Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Flavobacteriaceae; Flavobacterium

AB308367 Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae

EF516268 Bacteria; Proteobacteria; Betaproteobacteria; Elin6067

BX294851 Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces

JN397767 Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Flavobacteriaceae; Flavobacterium

GQ870455 Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales; Rickettsiaceae

GQ487883 Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae

EU937856 Bacteria; Proteobacteria; Deltaproteobacteria; Bdellovibrionales; Bdellovibrionaceae; Bdellovibrio

JF747974 Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales

JF922460 Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; auto67_4W

New.CleanUp.ReferenceOTU17 Bacteria; Verrucomicrobia; [Spartobacteria]; [Chthoniobacteriales]; [Chthoniobacteraceae]

New.ReferenceOTU243 Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae

New.ReferenceOTU342 Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces

New.ReferenceOTU186 Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; R4-41B

New.CleanUp.ReferenceOTU96 Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]

New.ReferenceOTU584 Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces

FN984805 Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae; Flectobacillus

GQ264227 Bacteria; Verrucomicrobia; [Spartobacteria]; [Chthoniobacteriales]; [Chthoniobacteraceae]; Chthoniobacter

JN869194 Bacteria; Proteobacteria; Deltaproteobacteria; Syntrophobacteriales; Syntrophobacteraceae

FJ660496 Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Gemmataceae

AF418960 Bacteria; Armatimonadetes; [Fimbriimonadia]; [Fimbriimonadales]; [Fimbriimonadaceae]; Fimbriimonas

EF580954 Bacteria; Proteobacteria; Gammaproteobacteria; Chromatiales

FR667270 Bacteria; Proteobacteria; Gammaproteobacteria; Thiotrichales; Piscirickettsiaceae

HM445220 Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales

HQ860533 Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae

EF111188 Bacteria; Proteobacteria; Gammaproteobacteria; Acidithiobacillales

JN820191 Bacteria; Bacteroidetes; [Saprosirae]; [Saprosirales]; Chitinophagaceae

FJ612153 Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae; Prosthecobacter

New.CleanUp.ReferenceOTU65 Bacteria; Armatimonadetes; Armatimonadia; Armatimonadales; Armatimonadaceae

EU135437 Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]

New.CleanUp.ReferenceOTU2061 Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces

HQ119903 Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Cryomorphaeae; Fluviicola

JQ316669 Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae; Emticia

New.CleanUp.ReferenceOTU68 Bacteria; Proteobacteria; Gammaproteobacteria; Chromatiales

New.CleanUp.ReferenceOTU106 Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; auto67_4W

AB630629 Bacteria; Acidobacteria; Acidobacteria-6; iii1-15; RB40

EF020090 Bacteria; Chloroflexi; Anaerolineae; H39

JN869066 Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae

JN825461 Bacteria; Proteobacteria; Betaproteobacteria

Y12371 Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae

FJ232674 Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Gemmataceae

GU208371 Bacteria; Proteobacteria; Gammaproteobacteria; Xanthomonadales; Sinobacteraceae

JN391793 Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae

GU455118 Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae

BX294796 Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces

EU376239 Bacteria; Proteobacteria; Gammaproteobacteria; Xanthomonadales; Xanthomonadaceae

Z21636 Bacteria; Spirochaetes; [Leptosirae]; [Leptosirales]; Leptosiraceae; Turneriella

HQ178712 Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales

New.ReferenceOTU68 Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae

GQ500779 Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales

CU921500 Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Gemmataceae

FJ004647 Bacteria; Acidobacteria; Solibacteres; Solibacterales

HQ118952 Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Gemmataceae; Gemmata

HQ183947 Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Cryomorphaeae

JN983640 Bacteria; Bacteroidetes; [Saprosirae]; [Saprosirales]; Chitinophagaceae

AJ401132 Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]

JN825459 Bacteria; Proteobacteria; Betaproteobacteria; MND1

GQ500840 Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales

HQ118788 Bacteria; Bacteroidetes; [Saprosirae]; [Saprosirales]; Chitinophagaceae

New.ReferenceOTU485	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; R4-41B
JN825467	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae; Azohydromonas
FJ612244	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales; Pelagibacteraceae
HM186038	Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae
JN695870	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; OM60
AJ401114	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; R4-41B
FQ660023	Bacteria; Acidobacteria; [Chloracidobacteria]; RB41; Ellin6075
New.CleanUp.ReferenceOTU1345	Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces
New.CleanUp.ReferenceOTU138	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]
EU580497	Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae; Prosthecobacter
New.CleanUp.ReferenceOTU543	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; R4-41B
EU133365	Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales; Sphingomonadaceae
HQ697851	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Alteromonadaceae; HB2-32-21
JN391883	Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Chitinophagaceae
GU572365	Bacteria; Proteobacteria; Gammaproteobacteria; Methylococcales; Crenotrichaceae; Crenothrix
FM200890	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; auto67_4W
GQ500805	Bacteria; Proteobacteria; Betaproteobacteria
FN421522	Bacteria; Proteobacteria; Deltaproteobacteria; Myxococcales; Polyangiaceae
EU133763	Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae
GQ340234	Bacteria; Actinobacteria; Acidimicrobia; Acidimicrobiales; C111
New.CleanUp.ReferenceOTU86	Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales
HM445538	Bacteria; Proteobacteria; Betaproteobacteria; Ellin6067
EU134153	Bacteria; Chloroflexi; Anaerolineae; SBR1031; A4b
HE603167	Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Chitinophagaceae
New.CleanUp.ReferenceOTU57	Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae
BX294816	Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces
EU133464	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales
EU244098	Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales
New.ReferenceOTU527	Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales
New.CleanUp.ReferenceOTU77	Bacteria; Proteobacteria; Gammaproteobacteria
FJ543018	Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae
FQ658746	Bacteria; Proteobacteria; Betaproteobacteria; Methylophilales; Methylophilaceae; Methylophilum; mobilis
JF681778	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales
FQ659443	Bacteria; Proteobacteria; Gammaproteobacteria; Methylococcales; Crenotrichaceae; Crenothrix
New.CleanUp.ReferenceOTU90	Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae
GQ389095	Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales
FJ825812	Bacteria; Proteobacteria; Betaproteobacteria; Procabacteriales; Procabacteriaceae
New.CleanUp.ReferenceOTU78	Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales
New.CleanUp.ReferenceOTU33	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; R4-41B
FJ592643	Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Saprospiraceae
New.CleanUp.ReferenceOTU126	Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales
FN984864	Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Chitinophagaceae; Sediminibacterium
New.CleanUp.ReferenceOTU306	Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae
JF319215	Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales
DQ223087	Bacteria; Proteobacteria; Deltaproteobacteria; Myxococcales; OM27
HM069092	Bacteria; Proteobacteria; Betaproteobacteria; SC-I-84
QJ346775	Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae; Luteolibacter
FJ946611	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales
New.ReferenceOTU270	Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Chitinophagaceae
EU104013	Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Saprospiraceae
FQ659006	Bacteria; Proteobacteria; Gammaproteobacteria; Xanthomonadales; Sinobacteraceae
New.CleanUp.ReferenceOTU684	Bacteria; Armatimonadetes; Chthonomonadetes; SJA-22
JN820201	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]
HM638233	Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Flavobacteriaceae; Flavobacteriumcolumnare
AM116738	Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Gemmataceae; Gemmata
JN003081	Bacteria; Verrucomicrobia; [Spartobacteria]; [Chthoniobacteriales]; [Chthoniobacteraceae]; Chthoniobacter
HQ330540	Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae
New.CleanUp.ReferenceOTU79	Bacteria; GN04; GN15
GQ472429	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodospirillales; Acetobacteraceae
L79964	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae
FM201097	Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales
HM584339	Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Flavobacteriaceae; Flavobacterium
GQ480091	Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Chitinophagaceae; Flaviumibacter
AY102325	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Hyphomicrobiaceae
AJ401106	Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae
FR667261	Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Chitinophagaceae
QJ311869	Bacteria; Bacteroidetes; VC2_1_Bac22
EF516767	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]
EU177682	Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Saprospiraceae
GU127182	Bacteria; Proteobacteria; Betaproteobacteria
HM444985	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacteriales; Hyphomnadaceae
CU917762	Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae
HQ114086	Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales
JF703350	Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae
FJ822625	Bacteria; Verrucomicrobia; [Spartobacteria]; [Chthoniobacteriales]; [Chthoniobacteraceae]
GQ397096	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodospirillales; Acetobacteraceae
EU133737	Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Saprospiraceae

CU466727	Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Saprospiraceae
FJ660503	Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae
JF501055	Bacteria; Proteobacteria; Alphaproteobacteria; Caulobacteriales; Caulobacteraceae; Mycoplasma
New.CleanUp.ReferenceOTU71	Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae
JF703475	Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae
New.CleanUp.ReferenceOTU271	Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae; Pirellula
FR667386	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Rhodobacter
JN695861	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae
EU135494	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; R4-41B
JN868910	Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales
GQ994737	Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces
GQ379601	Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales; Sphingomonadaceae; Novosphingobium
HQ114028	Bacteria; Armatimonadetes; [Fimbriimonadia]; [Fimbriimonadales]; [Fimbriimonadaceae]
FJ208825	Bacteria; Planctomycetes; OM190; agg27
JF703450	Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae
HQ385607	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae
EU283346	Bacteria; Proteobacteria; Alphaproteobacteria
HQ178919	Bacteria; Proteobacteria; Deltaproteobacteria; Desulfuromonadales; Geobacteraceae; Geobacter
EF018510	Bacteria; Verrucomicrobia; [Spartobacteria]; [Chthoniobacteriales]; [Chthoniobacteraceae]
FJ946608	Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae
New.ReferenceOTU152	Bacteria; Verrucomicrobia; Verruco-5; LD1-PB3
New.ReferenceOTU30	Bacteria; Acidobacteria; Solibacteres; Solibacteriales
GU201571	Bacteria; Planctomycetes; Planctomycetia; B97
FQ659784	Bacteria; Proteobacteria; Gammaproteobacteria; Xanthomonadales; Xanthomonadaceae
DQ017913	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; R4-41B
EU135225	Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces
JN397978	Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae
BX294832	Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae
New.ReferenceOTU61	Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Gemmataceae; Gemmata
New.CleanUp.ReferenceOTU75	Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces
HM773451	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales
HQ178704	Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Chitinophagaceae
New.CleanUp.ReferenceOTU69	Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces
New.CleanUp.ReferenceOTU385	Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Chitinophagaceae
New.CleanUp.ReferenceOTU116	Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae
FM201112	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]
FJ232633	Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces
New.CleanUp.ReferenceOTU326	Bacteria; Planctomycetes; Phycisphaerae; S-70
New.CleanUp.ReferenceOTU221	Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Gemmataceae; Gemmata
HQ178769	Bacteria; Bacteroidetes; Bacteroidia; Bacteroidales; SB-1
GQ259314	Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae; Luteolibacter
DQ497240	Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales; Sphingomonadaceae; Zymomonas
New.ReferenceOTU420	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; auto67_4W
New.ReferenceOTU140	Bacteria; Proteobacteria; Deltaproteobacteria; Myxococcales
New.CleanUp.ReferenceOTU76	Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae
EF516277	Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales
DQ376575	Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae
New.ReferenceOTU304	Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Gemmataceae
New.CleanUp.ReferenceOTU251	Bacteria; Chloroflexi; Anaerolineae; SBR1031; SJA-101
AB619698	Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae
New.CleanUp.ReferenceOTU177	Bacteria; Verrucomicrobia; [Spartobacteria]; [Chthoniobacteriales]; [Chthoniobacteraceae]
JF344010	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; OM60
New.ReferenceOTU70	Bacteria; Proteobacteria; Deltaproteobacteria; Spirobacillales
FR853429	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae
GU183609	Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales
HQ157214	Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Gemmataceae; Gemmata
New.ReferenceOTU303	Unassigned
New.CleanUp.ReferenceOTU54	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]
New.CleanUp.ReferenceOTU92	Bacteria; Proteobacteria; Betaproteobacteria; Rhodocyclales; Rhodocyclaceae
GQ500875	Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae; Pirellula
JQ337645	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Hyphomicrobiaceae; Devosia
JN590608	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae; Polaromonas
FR667323	Bacteria; Proteobacteria; Betaproteobacteria; Ellin6067
FJ660599	Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Chitinophagaceae
FJ529943	Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae
EU283383	Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Saprospiraceae
JF776925	Bacteria; Planctomycetes; OM190; CL500-15
New.ReferenceOTU144	Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales
JN391884	Bacteria; Proteobacteria; Betaproteobacteria; Rhodocyclales; Rhodocyclaceae
New.CleanUp.ReferenceOTU149	Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Saprospiraceae
HM921134	Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae
FR774602	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae
HQ860607	Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae; Luteolibacter
JN391733	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]
JF275029	Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales; Sphingomonadaceae; Novosphingobium
New.ReferenceOTU433	Bacteria; Proteobacteria; Gammaproteobacteria; [Marinicellales]; [Marinicellaceae]
HQ119574	Bacteria; Proteobacteria; Deltaproteobacteria; Myxococcales; OM27

JF729047 Bacteria; Proteobacteria; Betaproteobacteria; Rhodocyclales; Rhodocyclaceae
 JN003128 Bacteria; Proteobacteria; Deltaproteobacteria; Syntrophobacterales; Syntrophobacteraceae
 JN869029 Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae; Prosthecobacterdebontii
 AM040120 Bacteria; Bacteroidetes; Cytophagia; Cytophagales; [Amoebophilaceae]; SC3-56
 JN051341 Archaea; Crenarchaeota; Thaumarchaeota; Cenarchaeales; Cenarchaeaceae; Nitrosopumilus
 AB630652 Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]
 JN869237 Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces
 JN409256 Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae; Luteolibacter
 HM237111 Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Rhodobacter
 HQ330621 Bacteria; Proteobacteria; Deltaproteobacteria; Syntrophobacterales; Syntrophobacteraceae
 JN038679 Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Flavobacteriaceae; Flavobacteriumsuccinicans
 AJ616291 Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae
 J208840 Bacteria; Planctomycetes; OM190; CL500-15
 FR667336 Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Gemmataceae; Gemmata
 AJ238683 Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales
 FN824940 Bacteria; Bacteroidetes; [Saprosipirae]; [Saprosipirales]; Saprosipiraceae
 BX294877 Bacteria; Planctomycetes; O28H05-P-BN-P5
 EF580936 Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces
 New.CleanUp.ReferenceOTU9390 Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae
 FQ659808 Bacteria; Proteobacteria; Gammaproteobacteria; Oceanospirillales; Halomonadaceae
 EU283380 Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales
 HQ385629 Bacteria; Planctomycetes; OM190; agg27
 EU134162 Bacteria; Chloroflexi; Anaerolineae; GCA004
 GQ264174 Bacteria; Chloroflexi; Anaerolineae; SBR1031; A4b
 New.ReferenceOTU517 Bacteria; Chloroflexi; Anaerolineae; H39
 JN590515 Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Bradyrhizobiaceae
 JN380982 Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales; Legionellaceae; Legionella
 HM046412 Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales
 GU250860 Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Moraxellaceae
 New.ReferenceOTU442 Bacteria; TM6; SJA-4; S1198
 New.ReferenceOTU285 Unassigned
 New.CleanUp.ReferenceOTU528 Bacteria; Proteobacteria; Alphaproteobacteria; BD7-3
 New.CleanUp.ReferenceOTU1254 Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales; Coxiellaceae
 EU177726 Bacteria; Bacteroidetes; [Saprosipirae]; [Saprosipirales]; Saprosipiraceae
 New.CleanUp.ReferenceOTU331 Unassigned
 CU927868 Bacteria; Chlorobi; SJA-28
 DQ298004 Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; Elin517
 HM186217 Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Hyphomicrobiaceae; Rhodoplanes
 JF344245 Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; OM60
 New.CleanUp.ReferenceOTU256 Bacteria; Proteobacteria; Gammaproteobacteria; HTCC2188; HTCC2089
 AF314425 Bacteria; Planctomycetes; vadinHA49; PHOS-HE93
 New.CleanUp.ReferenceOTU376 Bacteria; Proteobacteria; Deltaproteobacteria
 New.ReferenceOTU518 Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales
 JN679157 Bacteria; Proteobacteria; Alphaproteobacteria; Caulobacterales; Caulobacteraceae; Phenylbacterium
 FR667379 Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae
 New.CleanUp.ReferenceOTU854 Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales
 EF540397 Bacteria; Gemmatimonadetes; Gemmatimonadetes; KD8-87
 EU803895 Bacteria; Gemmatimonadetes; Gemmatimonadetes; KD8-87
 HQ827964 Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces
 FN824851 Bacteria; Bacteroidetes; [Saprosipirae]; [Saprosipirales]; Chitinophagaceae
 JF496548 Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; [Chromatiaceae]; Rheinheimera
 New.CleanUp.ReferenceOTU168 Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae
 JN869002 Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Rhodobacter
 EU528220 Bacteria; Proteobacteria; Betaproteobacteria; SC-I-84
 GQ340346 Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces
 EU177730 Bacteria; Bacteroidetes; [Saprosipirae]; [Saprosipirales]; Saprosipiraceae
 HQ691968 Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; Alteromonadaceae; Cellvibrio
 EF523443 Bacteria; Bacteroidetes; [Saprosipirae]; [Saprosipirales]; Saprosipiraceae
 New.CleanUp.ReferenceOTU1341 Bacteria; Chloroflexi; Anaerolineae; Caldilineales; Caldilineaceae
 New.CleanUp.ReferenceOTU147 Bacteria; Bacteroidetes; [Saprosipirae]; [Saprosipirales]; Saprosipiraceae
 New.CleanUp.ReferenceOTU170 Bacteria; Chloroflexi; Anaerolineae; SBR1031; A4b
 New.CleanUp.ReferenceOTU117 Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Gemmataceae; Gemmata
 New.CleanUp.ReferenceOTU329 Unassigned
 New.CleanUp.ReferenceOTU1249 Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Gemmataceae
 New.CleanUp.ReferenceOTU296 Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; Elin517
 New.CleanUp.ReferenceOTU64 Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae
 New.CleanUp.ReferenceOTU742 Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; auto67_4W
 JN035174 Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales
 New.ReferenceOTU177 Bacteria; BHI80-139
 New.CleanUp.ReferenceOTU97 Bacteria; Verrucomicrobia; [Spartobacteria]; [Chthoniobacteriales]; [Chthoniobacteraceae]
 HM481333 Bacteria; Proteobacteria; Betaproteobacteria; Rhodocyclales; Rhodocyclaceae
 AJ616261 Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae
 FQ659838 Bacteria; Proteobacteria; Alphaproteobacteria; Rhodospirillales; Rhodospirillaceae
 JF319224 Bacteria; Verrucomicrobia; [Spartobacteria]; [Chthoniobacteriales]; [Chthoniobacteraceae]; DA101
 FJ516866 Bacteria; Proteobacteria; Gammaproteobacteria; Thiotrichales; Piscirickettsiaceae
 AJ307937 Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales; Sphingomonadaceae; Novosphingobium
 New.CleanUp.ReferenceOTU232 Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces

HM780279	Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces
HM129030	Bacteria; Bacteroidetes; [Saprosirae]; [Saprosirales]; Saprospiraceae
EU580518	Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Gemmataceae; Gemmata
HQ697726	Bacteria; Proteobacteria; Gammaproteobacteria; Chromatiales; Ectothiorhodospiraceae
JN820187	Bacteria; Bacteroidetes; [Saprosirae]; [Saprosirales]; Saprospiraceae
New.CleanUp.ReferenceOTU4485	Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae; Flectobacillus
New.CleanUp.ReferenceOTU1804	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; auto67_4W
EU135082	Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae; Pirellula
JN397774	Bacteria; Bacteroidetes; [Saprosirae]; [Saprosirales]
FJ232670	Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Gemmataceae
New.CleanUp.ReferenceOTU91	Unassigned
New.CleanUp.ReferenceOTU416	Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Gemmataceae
New.CleanUp.ReferenceOTU752	Bacteria; Bacteroidetes; BME43
JN869137	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae
GU214166	Bacteria; WPS-2
JQ237658	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Pseudomonadaceae; Pseudomonas
HQ114142	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]
DQ640737	Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales
EU177734	Bacteria; Bacteroidetes; [Saprosirae]; [Saprosirales]; Saprospiraceae
JN679216	Bacteria; Bacteroidetes; [Saprosirae]; [Saprosirales]; Chitinophagaceae
GQ472344	Bacteria; Proteobacteria; Betaproteobacteria; Hydrogenophilales; Hydrogenophilaceae; Thiobacillus
HM773484	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Phyllobacteriaceae
New.CleanUp.ReferenceOTU939	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Moraxellaceae
New.CleanUp.ReferenceOTU1028	Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales; Coxiellaceae
New.CleanUp.ReferenceOTU635	Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Gemmataceae; Gemmata
JN820192	Bacteria; Planctomycetes
HQ121209	Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae
HM346763	Bacteria; Bacteroidetes; Bacteroidia; Bacteroidales
JF703592	Bacteria; Proteobacteria; Deltaproteobacteria; Myxococcales
New.CleanUp.ReferenceOTU496	Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae
New.CleanUp.ReferenceOTU227	Bacteria; Chloroflexi; Anaerolineae; envOPS12
JN038779	Bacteria; Acidobacteria; AT-s54
New.CleanUp.ReferenceOTU951	Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces
New.CleanUp.ReferenceOTU261	Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae
New.CleanUp.ReferenceOTU537	Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Gemmataceae; Gemmata
FJ232643	Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae
JN983630	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Moraxellaceae
FR667401	Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales; Sphingomonadaceae; Zymomonas
FQ658525	Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Cryomorphaceae
FJ849163	Bacteria; Proteobacteria; Betaproteobacteria; Ellin6067
New.CleanUp.ReferenceOTU357	Bacteria; Bacteroidetes; [Saprosirae]; [Saprosirales]; Saprospiraceae
FJ660563	Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales
EU133748	Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae
HQ119163	Bacteria; Proteobacteria; Betaproteobacteria; IS-44
JF703468	Bacteria; Verrucomicrobia; [Spartobacteria]; [Chthoniobacteriales]; [Chthoniobacteraceae]; DA101
EF111094	Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales
CP000383	Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae; Cytophaga
DQ450745	Bacteria; Bacteroidetes; [Saprosirae]; [Saprosirales]; Chitinophagaceae
New.CleanUp.ReferenceOTU892	Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales
New.CleanUp.ReferenceOTU459	Bacteria; Proteobacteria; Gammaproteobacteria; HTCC2188; HTCC2089
New.CleanUp.ReferenceOTU181	Bacteria; Proteobacteria; Gammaproteobacteria; Xanthomonadales; Sinobacteraceae
EU101219	Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae
FM164634	Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales; Sphingomonadaceae; Novosphingobium
EU104183	Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae
CU917669	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; R4-41B
New.ReferenceOTU313	Bacteria; Proteobacteria; Betaproteobacteria
New.ReferenceOTU168	Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Gemmataceae; Gemmata
New.CleanUp.ReferenceOTU369	Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales
New.CleanUp.ReferenceOTU912	Unassigned
New.CleanUp.ReferenceOTU130	Bacteria; Proteobacteria; Gammaproteobacteria
New.CleanUp.ReferenceOTU1276	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]
New.CleanUp.ReferenceOTU375	Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales; Legionellaceae
HM187298	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodospirillales; Rhodospirillaceae
EF019329	Bacteria; Proteobacteria; Betaproteobacteria; Ellin6067
HM856518	Bacteria; Proteobacteria; Deltaproteobacteria; Spirobacillales
EF019314	Bacteria; Proteobacteria; Deltaproteobacteria; NB1-j
HM438564	Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales; Sphingomonadaceae; Novosphingobium
HQ598477	Bacteria; Acidobacteria; Acidobacteria-6; iii1-15; RB40
New.CleanUp.ReferenceOTU1032	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; [Pedosphaerae]; Pedosphaera
New.CleanUp.ReferenceOTU1271	Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales
JN023678	Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales; Sphingomonadaceae; Sphingomonas; echinoides
JN869211	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Moraxellaceae; Perlicidibaca
New.CleanUp.ReferenceOTU398	Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales
New.CleanUp.ReferenceOTU2563	Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae; Flectobacillus
JF697394	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales
New.CleanUp.ReferenceOTU471	Bacteria; Bacteroidetes; [Saprosirae]; [Saprosirales]; Saprospiraceae
EF019974	Bacteria; Bacteroidetes; [Saprosirae]; [Saprosirales]; Saprospiraceae

FM201077 Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]
 HM124375 Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales
 EF683063 Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Chitinophagaceae; Segetibacter
 EU937888 Bacteria; Proteobacteria; Betaproteobacteria; Procabacteriales; Procabacteriaceae
 JN825352 Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Rhodobacter
 New.CleanUp.ReferenceOTU312 Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces
 FR749745 Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Flavobacteriaceae; Flavobacterium
 EU403966 Bacteria; Acidobacteria; Solibacteres; Solibacterales
 New.CleanUp.ReferenceOTU307 Bacteria; Chloroflexi; Anaerolineae; SBR1031; SJA-101
 New.CleanUp.ReferenceOTU598 Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Gemmataceae; Gemmata
 New.CleanUp.ReferenceOTU1431 Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales
 FR774592 Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Rhodobacter
 HQ755509 Bacteria; Acidobacteria; Acidobacteria-6; iii1-15; mb2424
 EU335229 Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; Ellin517
 DQ017930 Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; auto67_4W
 DQ640655 Bacteria; Gemmatimonadetes; Gemmatimonadetes; Gemmatimonadales; Gemmatimonadaceae; Gemmatimonas
 BX294902 Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae
 HM238165 Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales; Legionellaceae
 GQ500735 Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales; Coxiellaceae
 DQ501336 Bacteria; Armatimonadetes; [Fimbriimonadia]; [Fimbriimonadales]; [Fimbriimonadaceae]; Fimbriimonas
 New.CleanUp.ReferenceOTU999 Bacteria; Chloroflexi; Anaerolineae; SBR1031; A4b
 New.CleanUp.ReferenceOTU562 Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Saprospiraceae; Lewinella
 New.CleanUp.ReferenceOTU427 Bacteria; Planctomycetes; O28H05-P-BN-P5
 New.CleanUp.ReferenceOTU354 Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; R4-41B
 New.CleanUp.ReferenceOTU1412 Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae
 New.CleanUp.ReferenceOTU962 Unassigned
 New.CleanUp.ReferenceOTU770 Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales; Coxiellaceae; Aquicella
 HQ856465 Bacteria; Acidobacteria; Solibacteres; Solibacteriales; [Bryobacteraceae]
 FM200880 Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Saprospiraceae
 New.ReferenceOTU240 Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae
 New.ReferenceOTU53 Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; auto67_4W
 New.ReferenceOTU230 Bacteria; Cyanobacteria; 4C0d-2; MLE1-12
 HQ119997 Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Flavobacteriaceae; Flavobacterium
 JN409122 Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales
 HM241094 Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Chitinophagaceae; Sediminibacterium
 JN038768 Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]
 New.ReferenceOTU559 Bacteria; OP3; koll11
 New.CleanUp.ReferenceOTU835 Unassigned
 New.CleanUp.ReferenceOTU127 Unassigned
 JN391877 Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Saprospiraceae
 JF703528 Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae
 AJ616293 Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae
 GQ153645 Bacteria; Actinobacteria; Actinobacteria; Actinomycetales; Nocardiaceae; Rhodococcusfascians
 JN609301 Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Cryomorphaceae
 JF681743 Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae
 New.ReferenceOTU137 Bacteria; Actinobacteria; Acidimicrobia; Acidimicrobiales
 New.CleanUp.ReferenceOTU8844 Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae; Emticicia
 New.CleanUp.ReferenceOTU347 Bacteria; Proteobacteria; Deltaproteobacteria; Myxococcales
 New.CleanUp.ReferenceOTU1860 Bacteria; Elusimicrobia; Elusimicrobia; Elusimicrobiales
 EU800906 Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales
 HM127278 Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Saprospiraceae
 HM445490 Bacteria; Acidobacteria; Acidobacteria-6; CCU21
 New.CleanUp.ReferenceOTU600 Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Saprospiraceae
 GU208376 Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales
 FR774621 Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Flavobacteriaceae; Flavobacterium
 EU340183 Bacteria; Proteobacteria; Gammaproteobacteria; Xanthomonadales; Xanthomonadaceae
 FJ517710 Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales
 HQ827978 Bacteria; Proteobacteria; Betaproteobacteria; Methylophilales; Methylophilaceae
 EF580961 Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Gemmataceae; Gemmata
 GU208286 Bacteria; Proteobacteria; Betaproteobacteria
 AB630824 Bacteria; Chloroflexi; Anaerolineae; Caldilineales; Caldilineaceae; Caldilinea
 FQ660178 Bacteria; Proteobacteria; Betaproteobacteria; Rhodocyclales; Rhodocyclaceae
 HM558072 Bacteria; Proteobacteria; Deltaproteobacteria; Syntrophobacteriales; Syntrophobacteraceae
 EF580935 Bacteria; [Thermi]; Deinococci; Deinococcales; Deinococcaceae; CM44
 JF500188 Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Moraxellaceae; Perlucidibaca
 GU208309 Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Cryomorphaceae
 JN869231 Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Flavobacteriaceae; Flavobacteriumcolumnare
 New.ReferenceOTU237 Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Chitinophagaceae
 New.CleanUp.ReferenceOTU877 Bacteria; Spirochaetes; [Leptospirae]; [Leptospirales]; Leptospiraceae; Turneriella
 New.CleanUp.ReferenceOTU467 Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Flavobacteriaceae; Flavobacterium
 New.CleanUp.ReferenceOTU549 Unassigned
 New.CleanUp.ReferenceOTU173 Bacteria; Chloroflexi; Anaerolineae; SBR1031; A4b
 New.CleanUp.ReferenceOTU235 Archaea; [Parvarchaeota]; [Parvarchaeae]; YLA114
 HM346691 Bacteria; Proteobacteria; Deltaproteobacteria; Desulfobacteriales; Desulfobulbaceae
 AB473881 Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae
 GQ500867 Bacteria; Acidobacteria; Solibacteres; Solibacteriales
 AJ290173 Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae

JF775620 Bacteria; Proteobacteria; Betaproteobacteria
 EU907894 Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales
 FR749788 Bacteria; Acidobacteria; [Chloracidobacteria]; RB41; Ellin6075
 FR749762 Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Chitinophagaceae
 AGTN01422275 Bacteria; Cyanobacteria; 4C0d-2; MLE1-12
 JN540164 Bacteria; Proteobacteria; Deltaproteobacteria; Desulfuromonadales; Geobacteraceae; Geobacter
 EF516073 Bacteria; Proteobacteria; Gammaproteobacteria
 EU135221 Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Gemmataceae; Gemmata
 HQ118941 Bacteria; Proteobacteria; Deltaproteobacteria; Myxococcales; Haliangiaceae
 M62786 Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae; Runella
 GQ379599 Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Gemmataceae; Gemmata
 New.ReferenceOTU524 Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae; SporoCytophaga
 New.CleanUp.ReferenceOTU403 Bacteria; Proteobacteria; TA18; PHOS-HD29
 New.CleanUp.ReferenceOTU294 Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Saprospiraceae
 New.CleanUp.ReferenceOTU628 Bacteria; Chloroflexi
 New.CleanUp.ReferenceOTU942 Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae
 New.CleanUp.ReferenceOTU1415 Unassigned
 New.CleanUp.ReferenceOTU840 Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales; Coxiellaceae
 New.CleanUp.ReferenceOTU722 Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales
 HM438450 Bacteria; Proteobacteria; Alphaproteobacteria; Caulobacterales; Caulobacteraceae; Caulobacter; henricii
 FJ946577 Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales
 JF681415 Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales
 FR685146 Bacteria; Proteobacteria; Gammaproteobacteria; Acidithiobacillales
 DQ083112 Bacteria; Proteobacteria; Betaproteobacteria
 FJ439869 Bacteria; Nitrospirae; NitrospiraNitrospirales; Nitrospiraceae; Nitrospira
 FN428762 Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae
 GU208212 Bacteria; Chlorobi; Ignavibacteria; Ignavibacteriales; Ignavibacteriaceae
 BX294767 Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae
 HQ114097 Bacteria; Acidobacteria; Acidobacteria-6; iii1-15; mb2424
 JN391651 Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae; Prosthecoacter
 EF019921 Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae; Pirellula
 HQ178765 Bacteria; Proteobacteria; Deltaproteobacteria; Desulfobacterales; Desulfobulbaceae; Desulfobulbus
 FQ659861 Bacteria; Proteobacteria; Deltaproteobacteria; Myxococcales; Myxococcaceae; Anaeromyxobacter
 FJ946545 Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae
 FM201084 Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; [Pedosphaeraceae]
 JF703357 Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Chitinophagaceae
 AM072427 Bacteria; Gemmatimonadetes; Gemm-1
 HQ827926 Bacteria; Chlorobi; OPB56
 New.ReferenceOTU160 Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Saprospiraceae
 New.CleanUp.ReferenceOTU881 Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales; Coxiellaceae
 New.CleanUp.ReferenceOTU1926 Bacteria; Proteobacteria; Gammaproteobacteria; Xanthomonadales; Sinobacteraceae
 New.CleanUp.ReferenceOTU2087 Unassigned
 New.CleanUp.ReferenceOTU1461 Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae
 New.CleanUp.ReferenceOTU889 Bacteria; Proteobacteria; Deltaproteobacteria; Myxococcales
 New.CleanUp.ReferenceOTU672 Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae
 New.CleanUp.ReferenceOTU5770 Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Chitinophagaceae
 New.CleanUp.ReferenceOTU780 Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Saprospiraceae
 New.CleanUp.ReferenceOTU1430 Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae
 New.CleanUp.ReferenceOTU278 Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Saprospiraceae
 New.CleanUp.ReferenceOTU636 Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales
 New.CleanUp.ReferenceOTU673 Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Chitinophagaceae
 New.CleanUp.ReferenceOTU192 Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; HTCC2188; HTCC
 New.CleanUp.ReferenceOTU577 Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]
 New.CleanUp.ReferenceOTU662 Unassigned
 New.CleanUp.ReferenceOTU802 Bacteria; Proteobacteria; Deltaproteobacteria; Spirobacillales
 GQ302533 Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Chitinophagaceae
 HQ166654 Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae
 FR774611 Bacteria; Chloroflexi; Anaerolineae; SBR1031; A4b
 HQ640616 Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae
 AB252081 Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Rhodobacter
 New.CleanUp.ReferenceOTU4356 Bacteria; Acidobacteria; [Chloracidobacteria]; RB41; Ellin6075
 New.CleanUp.ReferenceOTU426 Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales
 New.CleanUp.ReferenceOTU17359 Bacteria; Acidobacteria; [Chloracidobacteria]; RB41; Ellin6075
 New.CleanUp.ReferenceOTU1357 Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Flammeovirgaceae
 New.CleanUp.ReferenceOTU602 Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; R4-41B
 New.CleanUp.ReferenceOTU745 Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Gemmataceae
 New.CleanUp.ReferenceOTU260 Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Saprospiraceae
 JN866598 Bacteria; Actinobacteria; Actinobacteria; Actinomycetales; Williamsiaceae; Williamsia
 GQ396813 Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]
 EF516676 Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]
 JN825602 Bacteria; Planctomycetes; OM190; agg27
 EU404033 Bacteria; Acidobacteria; Solibacteres; Solibacterales
 AJ617920 Bacteria; Nitrospirae; NitrospiraNitrospirales; Nitrospiraceae; Nitrospira
 GQ396824 Bacteria; Chloroflexi; Anaerolineae; WCHB1-50
 GU208254 Bacteria; Proteobacteria; Betaproteobacteria; SC-I-84
 HQ178739 Bacteria; Bacteroidetes; Bacteroidia; Bacteroidales; SB-1
 FM200855 Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Chitinophagaceae

HQ642818 Bacteria; Proteobacteria; Alphaproteobacteria; Rhodospirillales; Rhodospirillaceae
AJ617869 Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]
HQ218603 Bacteria; Proteobacteria; Alphaproteobacteria; Rhodospirillales; Acetobacteraceae
HM017957 Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales; Coxiellaceae; Rickettsiella
HQ324885 Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Saprospiraceae
JF344378 Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; OM60
DQ856537 Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales
AJ519406 Bacteria; Chlorobi; BSV26; A89
HQ592603 Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Gemmataceae; Gemmata
FQ659763 Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae
FJ152715 Bacteria; Acidobacteria; [Chloracidobacteria]; 11-24
HQ120165 Bacteria; Nitrospirae; NitrospiraNitrospirales; Nitrospiraceae; Nitrospira
FR853451 Bacteria; Proteobacteria; Alphaproteobacteria; Caulobacterales; Caulobacteraceae; Phenylbacterium
EU135026 Bacteria; Armatimonadetes; Chthonomonadetes; Chthonomonadales; Chthonomonadaceae
New.ReferenceOTU381 Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae; Pirellula
New.ReferenceOTU77 Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae
New.ReferenceOTU461 Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae
New.CleanUp.ReferenceOTU4128 Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Chitinophagaceae
New.CleanUp.ReferenceOTU1065 Bacteria; Verrucomicrobia; Opitutae; Opitutales; Opitutaceae; Opitutus
New.CleanUp.ReferenceOTU2005 Bacteria; Proteobacteria; Deltaproteobacteria; Bdellovibrionales; Bdellovibrionaceae; Bdellovibrio
New.CleanUp.ReferenceOTU429 Bacteria; Verrucomicrobia; [Spartobacteria]; [Chthoniobacteriales]; [Chthoniobacteraceae]
New.CleanUp.ReferenceOTU2696 Unassigned
New.CleanUp.ReferenceOTU2760 Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae; Emticia
New.CleanUp.ReferenceOTU826 Bacteria; Cyanobacteria; ML635J-21
New.CleanUp.ReferenceOTU591 Unassigned
New.CleanUp.ReferenceOTU710 Bacteria; Proteobacteria; Betaproteobacteria
New.CleanUp.ReferenceOTU959 Unassigned
New.CleanUp.ReferenceOTU299 Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae
New.CleanUp.ReferenceOTU4046 Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales
New.CleanUp.ReferenceOTU1918 Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Saprospiraceae
New.CleanUp.ReferenceOTU415 Bacteria; Bacteroidetes; Flavobacteriia; Flavobacteriales; Cryomorphaceae; Fluvicola
New.CleanUp.ReferenceOTU2928 Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales
New.CleanUp.ReferenceOTU1396 Bacteria; Proteobacteria; Betaproteobacteria; Elin6067
New.CleanUp.ReferenceOTU343 Bacteria; Proteobacteria; Deltaproteobacteria; Syntrophobacteriales; Syntrophobacteraceae
New.CleanUp.ReferenceOTU40621 Bacteria; Bacteroidetes; BME43
New.CleanUp.ReferenceOTU8630 Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]
New.CleanUp.ReferenceOTU188 Bacteria; TM6; SJA-4
FJ592815 Bacteria; Actinobacteria; Actinobacteria; Actinomycetales; Mycobacteriaceae; Mycobacterium
HQ163591 Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Moraxellaceae
GQ500823 Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales
FJ205274 Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales; Coxiellaceae; Aquicella
JF429041 Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; auto67_4W
JN038730 Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae
JQ323135 Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales; Rhodobacteraceae; Rhodobacter
HQ860524 Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae
CU918269 Bacteria; Chloroflexi; Anaerolineae; SBR1031; A4b
EU133720 Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Chitinophagaceae
HE576374 Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Chitinophagaceae
FQ658941 Bacteria; Proteobacteria; Alphaproteobacteria; Rhodospirillales; Acetobacteraceae
JF828744 Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales; Sphingomonadaceae; Novosphingobium
AY604054 Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces
HM921148 Bacteria; Proteobacteria; Deltaproteobacteria; Myxococcales
AB630399 Bacteria; Proteobacteria; Alphaproteobacteria; Rhodospirillales; Rhodospirillaceae
FQ660254 Bacteria; Proteobacteria; Betaproteobacteria; Rhodocyclales; Rhodocyclaceae
CU918618 Bacteria; Chlorobi; SJA-28
HQ178827 Bacteria; Proteobacteria; Deltaproteobacteria; Desulfuromonadales; Geobacteraceae; Geobacter
AJ290182 Bacteria; Planctomycetes; Planctomycetia; Pirellulales; Pirellulaceae
GQ500873 Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces
FQ659350 Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae; Rubrivivax
HM129983 Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Isosphaeraceae
HM779996 Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales
GU179688 Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales; Sphingomonadaceae; Novosphingobium
EU801454 Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales; HTCC2188; HTCC
JN391825 Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Hyphomicrobiaceae; Hyphomicrobium
JN825564 Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Gemmataceae; Gemmata
FJ592533 Bacteria; Proteobacteria; Betaproteobacteria; Elin6067
EF580952 Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Gemmataceae
HQ729864 Bacteria; Acidobacteria; Acidobacteria-6; iii1-15; mb2424
JN391967 Bacteria; Proteobacteria; Betaproteobacteria; Rhodocyclales; Rhodocyclaceae; Dechloromonas
AF084510 Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales
HQ330569 Bacteria; Bacteroidetes; Bacteroidia; Bacteroidales
GQ500749 Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; auto67_4W
CU466869 Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae
CU925937 Bacteria; Planctomycetes; Phycisphaerae; Phycisphaerales
New.CleanUp.ReferenceOTU1572 Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales
New.CleanUp.ReferenceOTU1183 Bacteria; Actinobacteria; Thermoleophilia; Solirubrobacteriales; Patulibacteraceae
New.CleanUp.ReferenceOTU935 Bacteria; Bacteroidetes; [Saprospirae]; [Saprospirales]; Saprospiraceae

New.CleanUp.ReferenceOTU1935	Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales
New.CleanUp.ReferenceOTU488	Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales; Verrucomicrobiaceae
New.CleanUp.ReferenceOTU8490	Bacteria; Planctomycetes; Planctomycetia; Planctomycetales; Planctomycetaceae; Planctomyces
New.CleanUp.ReferenceOTU2554	Bacteria; Chloroflexi; Anaerolineae; GCA004
New.CleanUp.ReferenceOTU2079	Bacteria; Bacteroidetes; Sphingobacteriia; Sphingobacteriales
New.CleanUp.ReferenceOTU3776	Bacteria; Planctomycetes; vadinHA49; DH61
New.CleanUp.ReferenceOTU827	Bacteria; Chlorobi; OPB56
New.CleanUp.ReferenceOTU5481	Bacteria; Chloroflexi; Anaerolineae; Caldilineales; Caldilineaceae
New.CleanUp.ReferenceOTU379	Bacteria; Planctomycetes; Phycisphaerae; WD2101
New.CleanUp.ReferenceOTU1388	Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales; Coxiellaceae
New.CleanUp.ReferenceOTU1997	Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Gemmataceae; Gemmata
New.CleanUp.ReferenceOTU653	Bacteria; Proteobacteria; Deltaproteobacteria; Bdellovibrionales; Bacteriovoracaceae
New.CleanUp.ReferenceOTU356	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]; R4-41B
New.CleanUp.ReferenceOTU2154	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales; Rickettsiaceae; Rickettsia
New.CleanUp.ReferenceOTU3706	Bacteria; Planctomycetes; Planctomycetia; Gemmatales; Gemmataceae; Gemmata
New.CleanUp.ReferenceOTU5620	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales; Rickettsiaceae
New.CleanUp.ReferenceOTU2279	Bacteria; Armatimonadetes; [Fimbriimonadia]; [Fimbriimonadales]; [Fimbriimonadaceae]
New.CleanUp.ReferenceOTU527	Bacteria; Bacteroidetes; [Saprosiprae]; [Saprosiprales]; Chitinophagaceae
New.CleanUp.ReferenceOTU5741	Bacteria; Verrucomicrobia; [Pedosphaerae]; [Pedosphaerales]
New.CleanUp.ReferenceOTU953	Bacteria; Bacteroidetes; Cytophagia; Cytophagales; Cytophagaceae
New.CleanUp.ReferenceOTU1816	Bacteria; Proteobacteria; Deltaproteobacteria; Myxococcales
New.CleanUp.ReferenceOTU1484	Bacteria; Acidobacteria; [Chloracidobacteria]; PK29
New.CleanUp.ReferenceOTU2326	Bacteria; Chlorobi; OPB56
New.CleanUp.ReferenceOTU1260	Unassigned