

A1: Bacterial taxa based on GreenGenes database**GS1A PS1B**

	GS1A	PS1B
ABY1_OD1	0.1682	0.024
Bacteria;ABY1_OD1;ABY1_OD1_unclassified	1	0
Bacteria;ABY1_OD1;FW129;FW129_unclassified	4	0
Bacteria;ABY1_OD1;FW129;KNA6-NB12;KNA6-NB12_unclassified	5	0
Bacteria;ABY1_OD1;FW129;KNA6-NB29;KNA6-NB29_unclassified	0	1
Acidobacteria	0.7907	4.509
Bacteria;Acidobacteria;Acidobacteria_unclassified	4	31
Bacteria;Acidobacteria;Acidobacteria-5;Acidobacteria-5_unclassified	0	1
Bacteria;Acidobacteria;BPC015;BPC015_unclassified	8	30
Bacteria;Acidobacteria;BPC102;BPC102_unclassified	9	43
Bacteria;Acidobacteria;Chloracidobacteria;Ellin6075;Ellin6075_unclassified	1	0
Bacteria;Acidobacteria;iii1-15;Acidobacteria-6;RB40;RB40_unclassified	0	5
Bacteria;Acidobacteria;iii1-15;iii1-15_unclassified	1	8
Bacteria;Acidobacteria;iii1-15;Riz6I;Unclassified	0	1
Bacteria;Acidobacteria;iii1-8;Unclassified	0	2
Bacteria;Acidobacteria;OS-K;OS-K_unclassified	18	17
Bacteria;Acidobacteria;RB25;RB25_unclassified	6	47
Bacteria;Acidobacteria;Solibacteres;Solibacteres_unclassified	0	1
Actinobacteria	2.1198	6.642
Bacteria;Actinobacteria;Acidimicrobidae;Acidimicrobidae_unclassified	10	70
Bacteria;Actinobacteria;Acidimicrobidae;CL500-29;ML316M-15;ML316M-15_unclassified	0	3
Bacteria;Actinobacteria;Acidimicrobidae;EB1017_group;Acidimicrobidae_bacterium_Ellin7143;Unclassified	6	1
Bacteria;Actinobacteria;Acidimicrobidae;koll13;JTB31;BD2-10;BD2-10_unclassified	1	5
Bacteria;Actinobacteria;Acidimicrobidae;koll13;JTB31;Unclassified	16	37
Bacteria;Actinobacteria;Acidimicrobidae;koll13;koll13_unclassified	81	25
Bacteria;Actinobacteria;Acidimicrobidae;Microthrixineae;Microthrixineae_unclassified	0	27
Bacteria;Actinobacteria;Actinobacteridae;Arthrobacter;Unclassified	0	1
Bacteria;Actinobacteria;Actinobacteridae;Frankineae;Frankineae_unclassified	0	3
Bacteria;Actinobacteria;Actinobacteridae;Gordoniaceae;Mycobacteriaceae;Mycobacteriaceae_unclassified	0	2
Bacteria;Actinobacteria;Actinobacteridae;Micromonosporaceae;Micromonosporaceae_unclassified	0	2
Bacteria;Actinobacteria;Actinobacteridae;Nocardiaceae;Nocardiaceae_unclassified	0	2
Bacteria;Actinobacteria;Actinobacteridae;Propionibacterineae;Propionibacterium;Propionibacteriaceae;Propionibacteriaceae_unclassified	1	22
Bacteria;Actinobacteria;Actinobacteridae;Propionibacterineae;Propionibacterium;Unclassified	1	2
Bacteria;Actinobacteria;Actinobacteridae;Pseudonocardiaceae;Unclassified	1	1
Bacteria;Actinobacteria;Actinobacteridae;Streptomycineae;Streptomycineae_unclassified	0	6
Bacteria;Actinobacteria;Actinobacteridae;Streptosporangineae;Nonomuraea;Unclassified	0	1
Bacteria;Actinobacteria;Rubrobacteridae;MC47;Unclassified	4	6
Bacteria;Actinobacteria;Rubrobacteridae;Rubrobacteridae_unclassified	2	20
Bacteria;Actinobacteria;Rubrobacteridae;Thermolephilaceae;Thermolephilaceae_unclassified	2	15
Bacteria;Actinobacteria;Rubrobacteridae;Unclassified	1	1
Bacteria;Actinobacteria;Unclassified	0	20
Bacteria;Actinobacteria;WCHB1-81;At425_EubF1;At425_EubF1_unclassified	0	2
Bacteria_unclassified	5.1144	8.873
Bacteria;Bacteria_unclassified	304	366
Bacteroidetes	17.194	2.424
Bacteria;Bacteroidetes;b-17BO;b-17BO_unclassified	0	2
Bacteria;Bacteroidetes;Bacteroidales;Hyd89-65;CFB_1;CFB_1_unclassified	0	4
Bacteria;Bacteroidetes;Bacteroidales;Unclassified	0	4
Bacteria;Bacteroidetes;Bacteroidetes_unclassified	3	24
Bacteria;Bacteroidetes;Crenotrichaceae;Crenotrichaceae_unclassified	0	3
Bacteria;Bacteroidetes;Crenotrichaceae;Rhodothermus;Rhodothermus_unclassified	0	3
Bacteria;Bacteroidetes;Flavobacteriales;Cytophaga;Arctic_sea_ice_bacterium_ARK9985;Arctic_sea_ice_bacterium_ARK9985_unclassified	1007	0
Bacteria;Bacteroidetes;Flavobacteriales;Cytophaga;Psychroserpens_burtonensis;Unclassified	2	4
Bacteria;Bacteroidetes;Flavobacteriales;Cytophaga;Robiginitalea;bacterium_K2-15;bacterium_K2-15_unclassified	0	5
Bacteria;Bacteroidetes;Flavobacteriales;Flavobacteriales_unclassified	9	29
Bacteria;Bacteroidetes;Flavobacteriales;LCP-72;LCP-72_unclassified	1	4
Bacteria;Bacteroidetes;Saprospirales;Saprospiraceae;Saprospiraceae_unclassified	0	18
Caldithrix_KSB1	0.0841	0.073
Bacteria;Caldithrix_KSB1;Caldithriales;Caldithriales_unclassified	5	3

Chlorobi	0.2355	0.097
Bacteria;Chlorobi;Chlorobi_unclassified	1	1
Bacteria;Chlorobi;ZB1;ZB1_unclassified	13	3
Chloroflexi	4.9293	4.097
Bacteria;Chloroflexi;Anaerolineae;Anaerolineae_unclassified	121	36
Bacteria;Chloroflexi;Anaerolineae;Anaerolineales;Anaerolineales_unclassified	46	46
Bacteria;Chloroflexi;Anaerolineae;Anaerolineales;C1_B004;C1_B004_unclassified	1	0
Bacteria;Chloroflexi;Anaerolineae;Anaerolineales;envOPS12;A30;H19;H19_unclassified	0	1
Bacteria;Chloroflexi;Anaerolineae;Anaerolineales;GCA004;GCA004_unclassified	3	0
Bacteria;Chloroflexi;Anaerolineae;Anaerolineales;SB-34;SB-34_unclassified	38	10
Bacteria;Chloroflexi;Anaerolineae;Caldilineaceae;Caldilineaceae_unclassified	0	18
Bacteria;Chloroflexi;Anaerolineae;DRC31;Napoli-2B-44__BC07-2B-44;Napoli-2B-44__BC07-2B-44_unclassified	0	2
Bacteria;Chloroflexi;Anaerolineae;S0208;CCD21;CCD21_unclassified	0	7
Bacteria;Chloroflexi;Anaerolineae;SOGA31;SOGA31_unclassified	1	42
Bacteria;Chloroflexi;Dehalococcoidetes;Dehalococcoidetes_unclassified	23	0
Bacteria;Chloroflexi;Dehalococcoidetes;GIF9;MB-A2-101;Napoli-2B-07__BC07-2B-07;Napoli-2B-07__BC07-2B-07_unclassified	9	0
Bacteria;Chloroflexi;Dehalococcoidetes;H14f;H14f_unclassified	22	0
Bacteria;Chloroflexi;Dehalococcoidetes;vadinBA26;vadinBA26_unclassified	5	0
Bacteria;Chloroflexi;Thermomicrobia;HN1-15;HN1-15_unclassified	0	2
Bacteria;Chloroflexi;TK17;TK17_unclassified	2	1
Bacteria;Chloroflexi;Unclassified	22	4
Cyanobacteria	0.0168	1.673
Bacteria;Cyanobacteria;PRD01a012B;PRD01a012B_unclassified	0	9
Bacteria;Cyanobacteria;Prochlorococcus_marinus_MED4;Prochlorococcus_marinus_MED4_unclassified	1	60
Firmicutes	33.059	5.988
Bacteria;Firmicutes;Acidaminococcaceae;Acidaminococcaceae_unclassified	0	1
Bacteria;Firmicutes;Bacilli;Ammoniphilus;Ammoniphilus_unclassified	0	3
Bacteria;Firmicutes;Bacilli;Bacilli_unclassified	233	68
Bacteria;Firmicutes;Bacilli;Bacillus_agaradhaerens;Bacillus_agaradhaerens_unclassified	156	0
Bacteria;Firmicutes;Bacilli;Bacillus_alcalophilus;Bacillus_alcalophilus_unclassified	131	0
Bacteria;Firmicutes;Bacilli;Bacillus_cereus;Bacillus_cereus_unclassified	2	1
Bacteria;Firmicutes;Bacilli;Bacillus_funiculus;Bacillus_funiculus_unclassified	0	3
Bacteria;Firmicutes;Bacilli;bacterium_str_47083;bacterium_str_47083_unclassified	0	2
Bacteria;Firmicutes;Bacilli;glacial_ice_bacterium_SB100-9-5-1;glacial_ice_bacterium_SB100-9-5-1_unclassified;glacial_ice_bacterium_SB100-9-5-1_unclassified;glacial_ice_bacterium_SB100-9-5-1_unclassified;glacial_ice_bacterium_SB100-9-5-1_unclassified	0	2
Bacteria;Firmicutes;Bacilli;Halobacillus;Halobacillus_unclassified	1	0
Bacteria;Firmicutes;Bacilli;Lactobacillales;Aerococcaceae;Turicibacter;Turicibacter_sanguinis;NB1-n;NB1-n_unclassified	0	2
Bacteria;Firmicutes;Bacilli;Lactobacillales;Streptococcaceae;Streptococcus;Unclassified	0	1
Bacteria;Firmicutes;Bacilli;Marinococcus_halophilus;Bacillus_horikoshii;Unclassified	0	4
Bacteria;Firmicutes;Bacilli;Paenibacillaceae;Cohnella;Cohnella_unclassified	0	1
Bacteria;Firmicutes;Bacilli;Paenibacillaceae;Paenibacillus_alginolyticus;Paenibacillus_alginolyticus_unclassified	0	1
Bacteria;Firmicutes;Bacilli;Paenibacillaceae;Unclassified	1	5
Bacteria;Firmicutes;Bacilli;Planococcaceae;Planococcaceae_unclassified	1432	1
Bacteria;Firmicutes;Bacilli;Thermoactinomycetaceae;Unclassified	0	1
Bacteria;Firmicutes;Clostridia;Catabacter;Unclassified	0	1
Bacteria;Firmicutes;Clostridia;Clostridia_unclassified	0	2
Bacteria;Firmicutes;Clostridia;Clostridiales;Acetivibrio;Acetivibrio_unclassified	0	1
Bacteria;Firmicutes;Clostridia;Clostridiales;Acetivibrio;Clostridium_cellulolyticum;Clostridium_cellulolyticum_unclassified	0	7
Bacteria;Firmicutes;Clostridia;Clostridiales;Clostridiaceae;Clostridiaceae_unclassified	0	33
Bacteria;Firmicutes;Clostridia;Clostridiales;Clostridiaceae;Clostridium;Unclassified	0	20
Bacteria;Firmicutes;Clostridia;Clostridiales;Clostridiaceae;Clostridium_novy;Clostridium_botulinum;Unclassified	0	1
Bacteria;Firmicutes;Clostridia;Clostridiales;Clostridiales_unclassified	2	20
Bacteria;Firmicutes;Clostridia;Clostridiales;Coprococcus;Unclassified	0	2
Bacteria;Firmicutes;Clostridia;Clostridiales;Epulopiscium;Unclassified	0	1
Bacteria;Firmicutes;Clostridia;Clostridiales;U29-D06;Unclassified	0	1
Bacteria;Firmicutes;Clostridia;Peptostreptococcaceae;Peptostreptococcaceae_unclassified	3	5
Bacteria;Firmicutes;Clostridia;Peptostreptococcaceae;Peptostreptococcus_anaerobius;Clostridium_bifermentans;Unclassified	1	30

Bacteria;Firmicutes;Desulfotomaculum;Desulfotomaculum_thermosapovorans;Desulfotomaculum_thermosapovorans_unclassified;Desulfotomaculum_thermosapovorans_unclassified	0	1
Bacteria;Firmicutes;Desulfotomaculum;Desulfotomaculum_unclassified	0	1
Bacteria;Firmicutes;Firmicutes_unclassified	3	19
Bacteria;Firmicutes;Symbiobacteria;OPB54;BSV81;BSV81_unclassified	0	2
Bacteria;Firmicutes;Symbiobacteria;OPB54;OPB54_unclassified	0	1
Bacteria;Firmicutes;Symbiobacteria;Symbiobacteriales;Symbiobacterium;Symbiobacterium_unclassified	0	1
Bacteria;Firmicutes;Syntrophomonadaceae;Syntrophomonadaceae_unclassified	0	2
Fusobacteria	0	0.048
Bacteria;Fusobacteria;Fusobacteriaceae;Cetobacterium_somerae;Cetobacterium_somerae_unclassified	0	1
Bacteria;Fusobacteria;Ilyobacter;Ilyobacter_unclassified	0	1
Gemmatimonadetes	0.4374	1.188
Bacteria;Gemmatimonadetes;Gemm-1b;Unclassified	17	0
Bacteria;Gemmatimonadetes;Gemm-2;Gemm-2_unclassified	0	8
Bacteria;Gemmatimonadetes;Gemm_4;Gemm_4_unclassified	3	30
Bacteria;Gemmatimonadetes;Gemm-6;Gemm-6_unclassified	3	2
Bacteria;Gemmatimonadetes;Gemmatimonadetes_unclassified	3	9
GN02	0.0336	0.145
Bacteria;GN02;GN02_unclassified	2	6
Nitrospirae	0.4038	1.188
Bacteria;Nitrospirae;Nitrospirales;Nitrospiraceae;N_marina;Nitrospira_marina;Nitrospira_marina_unclassified	0	20
Bacteria;Nitrospirae;Nitrospirales;Nitrospirales_unclassified	0	10
Bacteria;Nitrospirae;Thermodesulfovibrionales;Thermodesulfovibrionaceae;Unclassified	24	19
NKB19	0	0.097
Bacteria;NKB19;Unclassified	0	4
OP3	0.1178	0.024
Bacteria;OP3;BD4-9;BD4-9_unclassified	3	1
Bacteria;OP3;koll11;koll11_unclassified	1	0
Bacteria;OP3;OP3_unclassified	3	0
OP8	0.858	0.145
Bacteria;OP8;OP8_1;HMMVPog-54;HMMVPog-54_unclassified	33	4
Bacteria;OP8;OP8_1;OP8_1_unclassified	18	1
Bacteria;OP8;OP8_2;OP8_2_unclassified	0	1
OP9_JS1	0.0505	0
Bacteria;OP9_JS1;JS1;JS1_unclassified	3	0
Planctomycetes	1.0767	8.63
Bacteria;Planctomycetes;agg27;agg27_unclassified	0	2
Bacteria;Planctomycetes;agg27;CL500-15;B83;B83_unclassified	0	7
Bacteria;Planctomycetes;agg27;OM190;ARKCH2Br2-76;ARKCH2Br2-76_unclassified	0	4
Bacteria;Planctomycetes;Kueneniaceae;Scalindua;Scalindua_unclassified	0	1
Bacteria;Planctomycetes;Planctomycetacia;DEL17;agg8;Unclassified	2	28
Bacteria;Planctomycetes;Planctomycetacia;Pirellulales;Pirellulales_unclassified	0	6
Bacteria;Planctomycetes;Planctomycetacia;Planctomycetacia_unclassified	40	198
Bacteria;Planctomycetes;Planctomycetacia;Planctomycetales;Unclassified	0	15
Bacteria;Planctomycetes;Planctomycetacia;Rhodopirellulaceae;ARKDMS-83;ARKDMS-83_unclassified	0	3
Bacteria;Planctomycetes;Planctomycetacia;Rhodopirellulaceae;Unclassified	3	28
Bacteria;Planctomycetes;Planctomycetes_unclassified	3	5
Bacteria;Planctomycetes;WPS-1;BD2-16;BD2-16_unclassified	0	14
Bacteria;Planctomycetes;WPS-1;BD2-16;MB-C2-105;MB-C2-105_unclassified	9	23
Bacteria;Planctomycetes;WPS-1;CL500-3;CL120-56;Unclassified	3	10
Bacteria;Planctomycetes;WPS-1;WPS-1_unclassified	4	12
Proteobacteria	32.436	52.51
Bacteria;Proteobacteria;Alphaproteobacteria;Acetobacterales;Acetobacteraceae;Unclassified	0	1
Bacteria;Proteobacteria;Alphaproteobacteria;Alphaproteobacteria_unclassified	72	555
Bacteria;Proteobacteria;Alphaproteobacteria;Bradyrhizobiales;Bradyrhizobiales_unclassified	9	18
Bacteria;Proteobacteria;Alphaproteobacteria;Bradyrhizobiales;Hyphomicrobiaceae2;Hyphomicrobiaceae2_unclassified	52	11
Bacteria;Proteobacteria;Alphaproteobacteria;Bradyrhizobiales;LO133;LO133_unclassified	35	115
Bacteria;Proteobacteria;Alphaproteobacteria;Bradyrhizobiales;Rhodoplanaceae;Unclassified	0	1
Bacteria;Proteobacteria;Alphaproteobacteria;Consistiales;Pelagibacter;SAR11;Candidatus_Pelagibacter;Candidatus_Pelagibacter_ubique;Candidatus_Pelagibacter_ubique_unclassified	0	1
Bacteria;Proteobacteria;Alphaproteobacteria;Defluvicoccus;Defluvicoccus_unclassified	0	1
Bacteria;Proteobacteria;Alphaproteobacteria;Nordella;Nordella_unclassified	0	1

Bacteria;Proteobacteria;Alphaproteobacteria;PB21;PB21_unclassified	0	1
Bacteria;Proteobacteria;Alphaproteobacteria;Phyllobacteriaceae;Phyllobacteriaceae_unclassified	0	4
Bacteria;Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacter;Rhodobacter_unclassified	151	43
Bacteria;Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacter;Roseovarius;Roseovarius_unclassified	0	12
Bacteria;Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacter;Sulfitobacter;Sulfitobacter_unclassified	263	0
Bacteria;Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacterales_unclassified	0	11
Bacteria;Proteobacteria;Alphaproteobacteria;Sphingomonadales;Porphyrobacter;Unclassified	0	6
Bacteria;Proteobacteria;Alphaproteobacteria;Sphingomonadales;Unclassified	0	1
Bacteria;Proteobacteria;Deltaproteobacteria;Bacteriovorax;Bacteriovorax_unclassified	0	1
Bacteria;Proteobacteria;Deltaproteobacteria;CTD005-82B-02;CTD005-82B-02_unclassified	0	1
Bacteria;Proteobacteria;Deltaproteobacteria;Deltaproteobacteria_unclassified	27	31
Bacteria;Proteobacteria;Deltaproteobacteria;Desulfobacteraceae;Desulfobacteraceae_unclassified	47	63
Bacteria;Proteobacteria;Deltaproteobacteria;Desulfobacterium_catecholicum;Desulfobacterium_catecholicum_unclassified	0	2
Bacteria;Proteobacteria;Deltaproteobacteria;Desulfobacterium_catecholicum;Desulfobulbus_rhabdiformis;delta_proteobacterium_MLMS-1;BD1-2;BD1-2_unclassified	3	12
Bacteria;Proteobacteria;Deltaproteobacteria;Desulfobacterium_catecholicum;Desulfobulbus_rhabdiformis;Unclassified	1	25
Bacteria;Proteobacteria;Deltaproteobacteria;EB1021;Unclassified	3	8
Bacteria;Proteobacteria;Deltaproteobacteria;Geobacter;Geobacter_unclassified	0	12
Bacteria;Proteobacteria;Deltaproteobacteria;Geobacter;Pelobacter;Unclassified	0	8
Bacteria;Proteobacteria;Deltaproteobacteria;Hyd89-23;Hyd89-23_unclassified	40	49
Bacteria;Proteobacteria;Deltaproteobacteria;MIZ46;CrystalBog021E5;CrystalBog021E5_unclassified	0	1
Bacteria;Proteobacteria;Deltaproteobacteria;MND4;MND4_unclassified	4	8
Bacteria;Proteobacteria;Deltaproteobacteria;Myxococcales;Polyangiaceae;Polyangium;Chondromyces_apiculatus;Z A3704c;Hyd24-27;Hyd24-27_unclassified	51	16
Bacteria;Proteobacteria;Deltaproteobacteria;NB1-j;NB1-i;JTB38;JTB38_unclassified	0	2
Bacteria;Proteobacteria;Deltaproteobacteria;NB1-j;NB1-i;NB1-i_unclassified	33	71
Bacteria;Proteobacteria;Deltaproteobacteria;NB1-j;NB1-j_unclassified	5	17
Bacteria;Proteobacteria;Deltaproteobacteria;Nitrospina;Nitrospina_unclassified	2	11
Bacteria;Proteobacteria;Deltaproteobacteria;NKB15;NKB15_unclassified	2	0
Bacteria;Proteobacteria;Deltaproteobacteria;OPB16;ODP1230B1718;ODP1230B1718_unclassified	2	0
Bacteria;Proteobacteria;Deltaproteobacteria;OPB16;Unclassified	17	8
Bacteria;Proteobacteria;Deltaproteobacteria;SHA-72;SHA-72_unclassified	11	11
Bacteria;Proteobacteria;Deltaproteobacteria;UA27;UA27_unclassified	0	5
Bacteria;Proteobacteria;Epsilonproteobacteria;Sulfurovumales;Sulfurovumaceae;Unclassified	0	2
Bacteria;Proteobacteria;Epsilonproteobacteria;Sulfurovumales;Sulfurovumales_unclassified	0	8
Bacteria;Proteobacteria;Gammaproteobacteria;Acidithiobacillales;Unclassified	3	7
Bacteria;Proteobacteria;Gammaproteobacteria;AL-2A;AL-2A_unclassified	0	10
Bacteria;Proteobacteria;Gammaproteobacteria;Alcanivoracaceae;Alcanivoracaceae_unclassified	228	0
Bacteria;Proteobacteria;Gammaproteobacteria;Alteromonadales;Unclassified	0	34
Bacteria;Proteobacteria;Gammaproteobacteria;Arctic96B-1;Gammaproteobacteria;Gammaproteobacteria_unclassified	0	1
Bacteria;Proteobacteria;Gammaproteobacteria;B2M28;B2M28_unclassified	0	14
Bacteria;Proteobacteria;Gammaproteobacteria;BD1-1;BD1-1_unclassified	0	42
Bacteria;Proteobacteria;Gammaproteobacteria;BD7-8;BD7-8_unclassified	6	2
Bacteria;Proteobacteria;Gammaproteobacteria;Betaproteobacteria;Betaproteobacteria_unclassified	0	5
Bacteria;Proteobacteria;Gammaproteobacteria;Ferrimonadaceae;Unclassified	0	1
Bacteria;Proteobacteria;Gammaproteobacteria;Gammaproteobacteria_unclassified	674	775
Bacteria;Proteobacteria;Gammaproteobacteria;Halomonadaceae;Halomonas;Halomonas_unclassified	1	0
Bacteria;Proteobacteria;Gammaproteobacteria;HTCC2089;obligately_oligotrophic_bacteria_KI89C;obligately_oligotrophic_bacteria_KI89C_unclassified	1	35
Bacteria;Proteobacteria;Gammaproteobacteria;Legionellales;Legionella;Legionella_unclassified	0	6
Bacteria;Proteobacteria;Gammaproteobacteria;Legionellales;Unclassified	0	4
Bacteria;Proteobacteria;Gammaproteobacteria;Marinobacter;Marinobacter_hydrocarbonoclasticus;Marinobacter_hydrocarbonoclasticus_unclassified	3	0
Bacteria;Proteobacteria;Gammaproteobacteria;Microbulbifer;Microbulbifer_unclassified	0	2
Bacteria;Proteobacteria;Gammaproteobacteria;OM60;OM60_unclassified	0	14
Bacteria;Proteobacteria;Gammaproteobacteria;sulfur_oxidizing_symbionts;Unclassified	0	3
Bacteria;Proteobacteria;Gammaproteobacteria;Vibrionaceae;Photobacterium;Photobacterium_unclassified	160	0
Bacteria;Proteobacteria;Gammaproteobacteria;Vibrionaceae;Vibrionaceae_unclassified	5	1
Bacteria;Proteobacteria;Proteobacteria_unclassified	17	56

Bacteria;Spirochaetes;Spirochaetales;Spirochaetaceae;Unclassified	1	0
Bacteria;Spirochaetes;Spirochaetes_unclassified	11	1
Thermi	0.0168	0.048
Bacteria;Thermi;Deinococcales;Trueperaceae;Unclassified	1	2
TM6	0.1178	0.412
Bacteria;TM6;TM6_unclassified;TM6	7	17
TM7	0.0168	0.145
Bacteria;TM7;TM7_unclassified	0	4
Bacteria;TM7;TM7-1;TM7-1_unclassified	0	2
Bacteria;TM7;TM7-3;CW040;CW040_unclassified	1	0
Verrucomicrobia	0.0336	0.145
Bacteria;Verrucomicrobia;Opitutae;Opitutae_unclassified	0	2
Bacteria;Verrucomicrobia;Unclassified	1	3
Bacteria;Verrucomicrobia;Verruco-5;Unclassified	1	0
Bacteria;Verrucomicrobia;Verrucomicrobiae;Rubromonas;Rubromonas_unclassified	0	1
VHS-B5-50	0.0841	0.436
Bacteria;VHS-B5-50;VHS-B5-50_unclassified	5	18
WS1	0	0.024
Bacteria;WS1;WS1_unclassified	0	1
WS2	0	0.024
Bacteria;WS2;WS2_unclassified	0	1
WS3	0.3869	0.364
Bacteria;WS3;Hyd24-12;Hyd24-12_unclassified	0	1
Bacteria;WS3;Sediment-1;PRR-12;PRR-12_unclassified	21	12
Bacteria;WS3;Sediment-1;Sediment-1_unclassified	2	2
ZB2	0.0168	0
Bacteria;ZB2;BD5-13;Unclassified	1	0

A2: Taxonomy based on EzBiocloud database	Name	GS1A	PS1B
Bacteria;;;10BAV;;10BAV_c;;10BAV_o;;10BAV_f;;10BAV_f_uc;;10BAV_f_uc_s	10BAV_f_uc_s	0.0337	0
Bacteria;;;AB179666_p;;AB179666_c;;AB179666_c_uc;;AB179666_c_uc_f;;AB179666_c_uc_g; AB179666_c_uc_s	AB179666_c_uc	0	0.024
Bacteria;;;Acidobacteria;;Acidobacteria_uc;;Acidobacteria_uc_o;;Acidobacteria_uc_f;;Acidobacter ia_uc_g;Acidobacteria_uc_s	Acidobacteria_uc	0.0168	0
Bacteria;;;Acidobacteria;;Chloracidobacterium_c;;Blastocatella_o;;Blastocatella_f;;Blastocatella;FJ 545571_s	FJ545571_s	0.0168	0
Bacteria;;;Acidobacteria;;DQ513087_c;;DQ513087_o;;DQ513087_f;;HQ445680_g;EU881312_s	EU881312_s	0	0.024
Bacteria;;;Acidobacteria;;EU686603_c;;EU686603_o;;EU686603_f;;EU686603_f_uc;;EU686603_ f_uc_s	EU686603_f_uc	0.0168	0.073
Bacteria;;;Acidobacteria;;EU686603_c;;EU686603_o;;EU686603_f;;EU686603_g;EU686603_g_u c	EU686603_g_uc	0	0.097
Bacteria;;;Acidobacteria;;EU686603_c;;EU686603_o;;EU686603_f;;EU686603_g;EU925897_s	EU925897_s	0	0.024
Bacteria;;;Acidobacteria;;EU686603_c;;EU686603_o;;EU686603_f;;EU686611_g;EU686611_g_u c	EU686611_g_uc	0	0.024
Bacteria;;;Acidobacteria;;EU686603_c;;EU686603_o;;EU686603_f;;Z95727_g;Z95727_g_uc	Z95727_g_uc	0	0.121
Bacteria;;;Acidobacteria;;EU686603_c;;EU686603_o;;EU686603_o_uc;;EU686603_o_uc_g;EU6 86603_o_uc_s	EU686603_o_uc	0	0.024
Bacteria;;;Acidobacteria;;EU686603_c;;EU686603_o;;HM445331_f;;HM445331_f_uc;HM44533 1_f_uc_s	HM445331_f_uc	0	0.048
Bacteria;;;Acidobacteria;;EU686603_c;;EU686603_o;;HM445331_f;;HM445331_g;AY225640_s	AY225640_s	0.0168	0.024
Bacteria;;;Acidobacteria;;EU686603_c;;EU686603_o;;HM445331_f;;HM445331_g;EF125431_s	EF125431_s	0	0.024
Bacteria;;;Acidobacteria;;EU686603_c;;EU686603_o;;HM445331_f;;HM445331_g;EF999365_s	EF999365_s	0	0.024
Bacteria;;;Acidobacteria;;EU686603_c;;EU686603_o;;HM445331_f;;HM445331_g;HM445331_g uc	HM445331_g_uc	0	0.291
Bacteria;;;Acidobacteria;;EU700145_c;;EU700145_o;;EU700145_f;;EU700145_f_uc;EU700145_ f_uc_s	EU700145_f_uc	0.0168	0.024
Bacteria;;;Acidobacteria;;EU700145_c;;EU700145_o;;EU700145_f;;EU700145_g;DQ811917_s	DQ811917_s	0	0.048
Bacteria;;;Acidobacteria;;EU700145_c;;EU700145_o;;EU700145_f;;EU700145_g;EU048694_s	EU048694_s	0	0.024
Bacteria;;;Acidobacteria;;EU700145_c;;EU700145_o;;EU700145_f;;EU700145_g;EU491435_s	EU491435_s	0	0.024
Bacteria;;;Acidobacteria;;EU700145_c;;EU700145_o;;EU700145_f;;EU700145_g;EU700145_g_u c	EU700145_g_uc	0.1178	0.436
Bacteria;;;Acidobacteria;;EU700145_c;;EU700145_o;;EU700145_f;;EU700145_g;EU700145_s	EU700145_s	0	0.121
Bacteria;;;Acidobacteria;;EU700145_c;;EU700145_o;;EU700145_f;;EU700145_g;JX391806_s	JX391806_s	0	0.048
Bacteria;;;Acidobacteria;;EU795203_c;;EU795203_o;;EU795203_f;;EU795203_f_uc;EU795203_ f_uc_s	EU795203_f_uc	0.0168	0.073
Bacteria;;;Acidobacteria;;EU795203_c;;EU795203_o;;EU795203_f;;EU795203_g;4P005924_s	4P005924_s	0	0.024
Bacteria;;;Acidobacteria;;EU795203_c;;EU795203_o;;EU795203_f;;EU795203_g;EU795203_g_u c	EU795203_g_uc	0	0.024
Bacteria;;;Acidobacteria;;EU795203_c;;EU795203_o;;EU795203_f;;EU795203_g;JF344680_s	JF344680_s	0.0168	0
Bacteria;;;Acidobacteria;;EU795203_c;;EU795203_o;;EU795203_f;;EU795203_g;JN977149_s	JN977149_s	0	0.024
Bacteria;;;Acidobacteria;;EU795203_c;;EU795203_o;;EU795203_f;;EU925917_g;4P004051_s	4P004051_s	0	0.024
Bacteria;;;Acidobacteria;;EU795203_c;;EU795203_o;;EU795203_f;;EU925917_g;EU700181_s	EU700181_s	0	0.073
Bacteria;;;Acidobacteria;;EU795203_c;;EU795203_o;;EU795203_f;;EU925917_g;EU925917_g_u c	EU925917_g_uc	0	0.048
Bacteria;;;Acidobacteria;;HM243779_c;;AM997925_o;;AM997925_f;;AM997925_f_uc;AM9979 25_f_uc_s	AM997925_f_uc	0.0337	0.388

Bacteria;;;Acidobacteria;;HM243779_c;;AM997925_o;;AM997925_f;;EF125393_g;EF125393_g_uc	EF125393_g_uc	0	0.097
Bacteria;;;Acidobacteria;;HM243779_c;;AM997925_o;;AM997925_f;;EF125393_g;JN977257_s	JN977257_s	0	0.073
Bacteria;;;Acidobacteria;;HM243779_c;;AM997925_o;;AM997925_f;;EF125393_g;JQ612190_s	JQ612190_s	0	0.024
Bacteria;;;Acidobacteria;;HM243779_c;;AM997925_o;;AM997925_f;;EU373944_g;EU373944_s	EU373944_s	0	0.024
Bacteria;;;Acidobacteria;;HM243779_c;;AM997925_o;;AM997925_f;;EU373947_g;EU373947_g_uc	EU373947_g_uc	0	0.048
Bacteria;;;Acidobacteria;;HM243779_c;;AM997925_o;;AM997925_f;;EU373947_g;EU734964_s	EU734964_s	0.0168	0
Bacteria;;;Acidobacteria;;HM243779_c;;AM997925_o;;AM997925_f;;HQ190557_g;DQ395034_s	DQ395034_s	0.0168	0
Bacteria;;;Acidobacteria;;HM243779_c;;AM997925_o;;AM997925_f;;HQ190557_g;FJ545586_s	FJ545586_s	0.0337	0
Bacteria;;;Acidobacteria;;HM243779_c;;AM997925_o;;AM997925_f;;HQ190557_g;HQ190557_g_uc	HQ190557_g_uc	0.0673	0.412
Bacteria;;;Acidobacteria;;HM243779_c;;AM997925_o;;AM997925_o_uc;;AM997925_o_uc_g;AM997925_o_uc_s	AM997925_o_uc	0	0.024
Bacteria;;;Acidobacteria;;HQ645210_c;;HQ645210_o;;HQ645210_f;;DQ829648_g;DQ829648_g_uc	DQ829648_g_uc	0	0.048
Bacteria;;;Acidobacteria;;HQ645210_c;;HQ645210_o;;HQ645210_o_uc;;HQ645210_o_uc_g;HQ645210_o_uc_s	HQ645210_o_uc	0	0.024
Bacteria;;;Acidobacteria;;Solibacteres;;EU445199_o;;HM187196_f;;HM187196_f_uc;HM187196_f_uc_s	HM187196_f_uc	0.0168	0.024
Bacteria;;;Acidobacteria;;Solibacteres;;Solibacterales;;EU652508_f;;EU652508_g;EU652508_g_uc	EU652508_g_uc	0	0.024
Bacteria;;;Acidobacteria;;Thermoanaerobaculum_c;;Thermoanaerobaculum_o;;JF344531_f;;JF344531_f_uc;JF344531_f_uc_s	JF344531_f_uc_s	0.0168	0.315
Bacteria;;;Acidobacteria;;Thermoanaerobaculum_c;;Thermoanaerobaculum_o;;JF344531_f;;JF344531_g;4P003941_s	4P003941_s	0	0.024
Bacteria;;;Acidobacteria;;Thermoanaerobaculum_c;;Thermoanaerobaculum_o;;JF344531_f;;JF344531_g;4P005911_s	4P005911_s	0	0.048
Bacteria;;;Acidobacteria;;Thermoanaerobaculum_c;;Thermoanaerobaculum_o;;JF344531_f;;JF344531_g;EF125450_s	EF125450_s	0	0.145
Bacteria;;;Acidobacteria;;Thermoanaerobaculum_c;;Thermoanaerobaculum_o;;JF344531_f;;JF344531_g;EU287099_s	EU287099_s	0.0168	0
Bacteria;;;Acidobacteria;;Thermoanaerobaculum_c;;Thermoanaerobaculum_o;;JF344531_f;;JF344531_g;EU287132_s	EU287132_s	0	0.024
Bacteria;;;Acidobacteria;;Thermoanaerobaculum_c;;Thermoanaerobaculum_o;;JF344531_f;;JF344531_g;EU617736_s	EU617736_s	0.0505	0.048
Bacteria;;;Acidobacteria;;Thermoanaerobaculum_c;;Thermoanaerobaculum_o;;JF344531_f;;JF344531_g;EU617737_s	EU617737_s	0	0.073
Bacteria;;;Acidobacteria;;Thermoanaerobaculum_c;;Thermoanaerobaculum_o;;JF344531_f;;JF344531_g;EU734994_s	EU734994_s	0	0.073
Bacteria;;;Acidobacteria;;Thermoanaerobaculum_c;;Thermoanaerobaculum_o;;JF344531_f;;JF344531_g;JF344531_g_uc	JF344531_g_uc	0.0505	1.042
Bacteria;;;Acidobacteria;;Thermoanaerobaculum_c;;Thermoanaerobaculum_o;;JF344531_f;;JF344531_g;JF344531_s	JF344531_s	0.0168	0.024
Bacteria;;;Acidobacteria;;Thermoanaerobaculum_c;;Thermoanaerobaculum_o;;JF344531_f;;JF344531_g;JX240993_s	JX240993_s	0	0.218
Bacteria;;;Acidobacteria;;Thermoanaerobaculum_c;;Thermoanaerobaculum_o;;JF344531_f;;JF344531_g;JX504264_s	JX504264_s	0	0.024
Bacteria;;;Acidobacteria;;Thermoanaerobaculum_c;;Thermoanaerobaculum_o;;Thermoanaerobaculum_f;;DQ395019_g;DQ395019_g_uc	DQ395019_g_uc	0.0673	0.145
Bacteria;;;Acidobacteria;;Thermoanaerobaculum_c;;Thermoanaerobaculum_o;;Thermoanaerobaculum_f;;DQ395019_g;FJ455879_s	FJ455879_s	0.0168	0
Bacteria;;;Acidobacteria;;Thermoanaerobaculum_c;;Thermoanaerobaculum_o;;Thermoanaerobaculum_f;;DQ395019_g;JF344561_s	JF344561_s	0.1346	0.194
Bacteria;;;Acidobacteria;;Thermoanaerobaculum_c;;Thermoanaerobaculum_o;;Thermoanaerobaculum_f;;DQ395019_g;JX391686_s	JX391686_s	0.0168	0

Bacteria;;;Acidobacteria;;Thermoanaerobaculum_c;;Thermoanaerobaculum_o;;Thermoanaerobaculum_f;;Thermoanaerobaculum_f_uc;Thermoanaerobaculum_f_uc_s	Thermoanaerobac	0	0.097
Bacteria;;;Acidobacteria;;Thermoanaerobaculum_c;;Thermoanaerobaculum_o;;Thermoanaerobaculum_o_uc;;Thermoanaerobaculum_o_uc_g;Thermoanaerobaculum_o_uc_s	Thermoanaerobac	0	0.073
Bacteria;;;Acidobacteria;;Z95718_c;;Z95718_o;;DQ395349_f;;DQ395349_f_uc;DQ395349_f_uc_s	DQ395349_f_uc	0.0168	0
Bacteria;;;Acidobacteria;;Z95718_c;;Z95718_o;;DQ395349_f;;DQ395349_g;DQ395349_g_uc	DQ395349_g_uc	0.0168	0
Bacteria;;;Acidobacteria;;Z95718_c;;Z95718_o;;EU491886_f;;EU491886_f_uc;EU491886_f_uc_s	EU491886_f_uc_s	0	0.097
Bacteria;;;Acidobacteria;;Z95718_c;;Z95718_o;;EU491886_f;;GQ472805_g;GQ246376_s	GQ246376_s	0	0.073
Bacteria;;;Acidobacteria;;Z95718_c;;Z95718_o;;EU652505_f;;EU373925_g;EU373925_g_uc	EU373925_g_uc	0	0.024
Bacteria;;;Acidobacteria;;Z95718_c;;Z95718_o;;EU652505_f;;EU652505_f_uc;EU652505_f_uc_s	EU652505_f_uc_s	0	0.073
Bacteria;;;Acidobacteria;;Z95718_c;;Z95718_o;;EU652506_f;;EU652506_g;EU652506_s	EU652506_s	0.0168	0
Bacteria;;;Acidobacteria;;Z95718_c;;Z95718_o;;EU652507_f;;EU652507_f_uc;EU652507_f_uc_s	EU652507_f_uc_s	0	0.048
Bacteria;;;Acidobacteria;;Z95718_c;;Z95718_o;;EU652507_f;;EU652507_g;EU652507_g_uc	EU652507_g_uc	0	0.048
Bacteria;;;Acidobacteria;;Z95718_c;;Z95718_o;;Z95718_f;;Z95718_f_uc;Z95718_f_uc_s	Z95718_f_uc_s	0.0505	0.63
Bacteria;;;Acidobacteria;;Z95718_c;;Z95718_o;;Z95718_f;;Z95718_g;DQ351815_s	DQ351815_s	0	0.024
Bacteria;;;Acidobacteria;;Z95718_c;;Z95718_o;;Z95718_f;;Z95718_g;EU734973_s	EU734973_s	0	0.024
Bacteria;;;Acidobacteria;;Z95718_c;;Z95718_o;;Z95718_f;;Z95718_g;EU925891_s	EU925891_s	0	0.073
Bacteria;;;Acidobacteria;;Z95718_c;;Z95718_o;;Z95718_f;;Z95718_g;GQ246323_s	GQ246323_s	0	0.024
Bacteria;;;Acidobacteria;;Z95718_c;;Z95718_o;;Z95718_f;;Z95718_g;GU230435_s	GU230435_s	0	0.024
Bacteria;;;Acidobacteria;;Z95718_c;;Z95718_o;;Z95718_f;;Z95718_g;JN977337_s	JN977337_s	0.0168	0
Bacteria;;;Acidobacteria;;Z95718_c;;Z95718_o;;Z95718_f;;Z95718_g;Z95718_g_uc	Z95718_g_uc	0.0337	0.364
Bacteria;;;Acidobacteria;;Z95718_c;;Z95718_o;;Z95718_o_uc;;Z95718_o_uc_g;Z95718_o_uc_s	Z95718_o_uc_s	0.0168	0.048
Bacteria;;;Actinobacteria;;Acidimicrobiia;;Acidimicrobiales;;Acidimicrobiales_uc;;Acidimicrobiales_uc_g;Acidimicrobiales_uc_s	Acidimicrobiales	0.0168	0
Bacteria;;;Actinobacteria;;Acidimicrobiia;;Acidimicrobiales;;AM991247_f;;AM991247_f_uc;AM991247_f_uc_s	AM991247_f_uc	0.0168	0.267
Bacteria;;;Actinobacteria;;Acidimicrobiia;;Acidimicrobiales;;AM991247_f;;AM991247_g;AM991247_g_uc	AM991247_g_uc	0.1009	0.048
Bacteria;;;Actinobacteria;;Acidimicrobiia;;Acidimicrobiales;;AM991247_f;;AM991247_g;EU335429_s	EU335429_s	0	0.024
Bacteria;;;Actinobacteria;;Acidimicrobiia;;Acidimicrobiales;;DQ395423_f;;DQ395423_g;DQ395423_g_uc	DQ395423_g_uc	0	0.024
Bacteria;;;Actinobacteria;;Acidimicrobiia;;Acidimicrobiales;;DQ395423_f;;EU799666_g;GU118038_s	GU118038_s	0	0.024
Bacteria;;;Actinobacteria;;Acidimicrobiia;;Acidimicrobiales;;DQ395502_f;;DQ395502_f_uc;DQ395502_f_uc_s	DQ395502_f_uc	0	0.048
Bacteria;;;Actinobacteria;;Acidimicrobiia;;Acidimicrobiales;;DQ395502_f;;DQ395502_g;4P006054_s	4P006054_s	0	0.388
Bacteria;;;Actinobacteria;;Acidimicrobiia;;Acidimicrobiales;;DQ395502_f;;DQ395502_g;DQ395502_g_uc	DQ395502_g_uc	0	0.121
Bacteria;;;Actinobacteria;;Acidimicrobiia;;Acidimicrobiales;;DQ395502_f;;FJ229917_g;EU374087_s	EU374087_s	0	0.024
Bacteria;;;Actinobacteria;;Acidimicrobiia;;Acidimicrobiales;;DQ396300_f;;AJ241005_g;AJ241005_g_uc	AJ241005_g_uc	0	0.145
Bacteria;;;Actinobacteria;;Acidimicrobiia;;Acidimicrobiales;;DQ396300_f;;DQ395467_g;DQ395467_g_uc	DQ395467_g_uc	0	0.073
Bacteria;;;Actinobacteria;;Acidimicrobiia;;Acidimicrobiales;;DQ396300_f;;DQ395467_g;DQ395467_s	DQ395467_s	0	0.097
Bacteria;;;Actinobacteria;;Acidimicrobiia;;Acidimicrobiales;;DQ396300_f;;DQ396300_f_uc;DQ396300_f_uc_s	DQ396300_f_uc	0	0.17
Bacteria;;;Actinobacteria;;Acidimicrobiia;;Acidimicrobiales;;DQ396300_f;;EU491569_g;EU491569_g_uc	EU491569_g_uc	0	0.048
Bacteria;;;Actinobacteria;;Acidimicrobiia;;Acidimicrobiales;;EF584530_f;;EF584530_f_uc;EF584530_f_uc_s	EF584530_f_uc_s	0	0.097

Bacteria;;;Actinobacteria;;;Acidimicrobiia;;;Acidimicrobiales;;;EU491192_f;;EU491192_f_uc;EU491192_f_uc_s	EU491192_f_uc_s	0	0.048
Bacteria;;;Actinobacteria;;;Acidimicrobiia;;;Acidimicrobiales;;;EU491192_f;;FJ229941_g;FJ229941_g_uc	FJ229941_g_uc	0	0.073
Bacteria;;;Actinobacteria;;;Acidimicrobiia;;;Acidimicrobiales;;;Iamiaceae;;EF632905_g;AM889149_s	AM889149_s	0	0.073
Bacteria;;;Actinobacteria;;;Acidimicrobiia;;;Acidimicrobiales;;;Iamiaceae;;EF632905_g;EF632905_g_uc	EF632905_g_uc	0	0.048
Bacteria;;;Actinobacteria;;;Acidimicrobiia;;;Acidimicrobiales;;;Iamiaceae;;Iamiaceae_uc;Iamiaceae_uc_s	Iamiaceae_uc_s	0	0.048
Bacteria;;;Actinobacteria;;;Acidimicrobiia;;;Acidimicrobiales;;;Ilumatobacter_f;;Ilumatobacter;FJ358904_s	FJ358904_s	0	0.024
Bacteria;;;Actinobacteria;;;Acidimicrobiia;;;Acidimicrobiales;;;Ilumatobacter_f;;Ilumatobacter;Ilumatobacter_uc	Ilumatobacter_uc	0	0.048
Bacteria;;;Actinobacteria;;;Acidimicrobiia;;;Acidimicrobiales;;;Ilumatobacter_f;;Ilumatobacter_f_uc;Ilumatobacter_f_uc_s	Ilumatobacter_f_uc_s	0.0168	0
Bacteria;;;Actinobacteria;;;Acidimicrobiia;;;Acidimicrobiales;;;Microthrix_f;;FN554394_g;EU488068_s	EU488068_s	0	0.194
Bacteria;;;Actinobacteria;;;Acidimicrobiia;;;Acidimicrobiales;;;Microthrix_f;;FN554394_g;FN554394_g_uc	FN554394_g_uc	0	0.097
Bacteria;;;Actinobacteria;;;Acidimicrobiia;;;Acidimicrobiales;;;Microthrix_f;;Microthrix_f_uc;Microthrix_f_uc_s	Microthrix_f_uc_s	0	0.194
Bacteria;;;Actinobacteria;;;Actinobacteria_c;;Actinobacteria_c_uc;;Actinobacteria_c_uc_f;;Actinobacteria_c_uc_g;Actinobacteria_c_uc_s	Actinobacteria_c_uc_s	0.0168	0.024
Bacteria;;;Actinobacteria;;;Actinobacteria_c;;Corynebacteriales;;;Mycobacteriaceae;;Mycobacterium;Mycobacterium insubricum	Mycobacterium insubricum	0	0.048
Bacteria;;;Actinobacteria;;;Actinobacteria_c;;Corynebacteriales;;;Nocardiaceae;;Millsia;Millsia brevis	Millsia brevis	0	0.024
Bacteria;;;Actinobacteria;;;Actinobacteria_c;;Corynebacteriales;;;Nocardiaceae;;Nocardia;Nocardia niwae	Nocardia niwae	0	0.048
Bacteria;;;Actinobacteria;;;Actinobacteria_c;;Frankiales;;AB021325_f;;AB021325_f_uc;AB021325_f_uc_s	AB021325_f_uc_s	0	0.048
Bacteria;;;Actinobacteria;;;Actinobacteria_c;;Frankiales;;AB021325_f;;AB021325_g;AB021325_g_uc	AB021325_g_uc	0	0.315
Bacteria;;;Actinobacteria;;;Actinobacteria_c;;Frankiales;;AB021325_f;;AB021325_g;EF471577_s	EF471577_s	0	0.048
Bacteria;;;Actinobacteria;;;Actinobacteria_c;;Frankiales;;AB021325_f;;AB021325_g;FJ937869_s	FJ937869_s	0	0.509
Bacteria;;;Actinobacteria;;;Actinobacteria_c;;Frankiales;;Frankiaceae;;AY234742_g;4P002476_s	4P002476_s	0	0.024
Bacteria;;;Actinobacteria;;;Actinobacteria_c;;Frankiales;;Frankiales_uc;;Frankiales_uc_g;Frankiales_uc_s	Frankiales_uc_s	0	0.048
Bacteria;;;Actinobacteria;;;Actinobacteria_c;;Frankiales;;Geodermatophilaceae;;Geodermatophilus;Geodermatophilus obscurus	Geodermatophilus obscurus	0	0.024
Bacteria;;;Actinobacteria;;;Actinobacteria_c;;Frankiales;;Geodermatophilaceae;;Geodermatophilus;Geodermatophilus tzadiensis	Geodermatophilus tzadiensis	0	0.024
Bacteria;;;Actinobacteria;;;Actinobacteria_c;;Micrococcales;;;Micrococcaceae;;Arthrobacter;Arthrobacter globiformis	Arthrobacter globiformis	0	0.024
Bacteria;;;Actinobacteria;;;Actinobacteria_c;;Micromonosporales;;;Micromonosporaceae;;Micromonospora;Micromonospora haikouensis	Micromonospora haikouensis	0	0.024
Bacteria;;;Actinobacteria;;;Actinobacteria_c;;Micromonosporales;;;Micromonosporaceae;;Pseudosporangium;Pseudosporangium ferrugineum	Pseudosporangium ferrugineum	0	0.024
Bacteria;;;Actinobacteria;;;Actinobacteria_c;;Propionibacteriales;;;Nocardioidaceae;;Nocardioides;Nocardioides panaciterrulae	Nocardioides panaciterrulae	0.0168	0
Bacteria;;;Actinobacteria;;;Actinobacteria_c;;Propionibacteriales;;;Propionibacteriaceae;;Micrococcus;FJ478884_s	FJ478884_s	0	0.024
Bacteria;;;Actinobacteria;;;Actinobacteria_c;;Propionibacteriales;;;Propionibacteriaceae;;Propionibacterium;Propionibacterium acnes	Propionibacterium acnes	0	0.024
Bacteria;;;Actinobacteria;;;Actinobacteria_c;;Propionibacteriales;;;Propionibacteriales_uc;;Propionibacteriales_uc_g;Propionibacteriales_uc_s	Propionibacteriales_uc_s	0	0.024
Bacteria;;;Actinobacteria;;;Actinobacteria_c;;Pseudonocardiales;;;Pseudonocardaceae;;Actinomycetospora;Actinomycetospora chlora	Actinomycetospora chlora	0	0.024

Bacteria;;;Actinobacteria;;Actinobacteria_c;;Streptomycetales;;Streptomycetaceae;;Streptomyces;Streptomyces curaco	Streptomyces curaco	0	0.024
Bacteria;;;Actinobacteria;;Actinobacteria_c;;Streptomycetales;;Streptomycetaceae;;Streptomyces;Streptomyces heilongjiangensis	Streptomyces heilongjiangensis	0	0.024
Bacteria;;;Actinobacteria;;Actinobacteria_c;;Streptomycetales;;Streptomycetaceae;;Streptomyces;Streptomyces lannensis	Streptomyces lannensis	0	0.024
Bacteria;;;Actinobacteria;;Actinobacteria_c;;Streptomycetales;;Streptomycetaceae;;Streptomyces;Streptomyces stelliscabiei	Streptomyces stelliscabiei	0	0.024
Bacteria;;;Actinobacteria;;Actinobacteria_c;;Streptomycetales;;Streptomycetaceae;;Streptomyces;Streptomyces_uc	Streptomyces_uc	0	0.048
Bacteria;;;Actinobacteria;;Actinobacteria_c;;Streptosporangiales;;Streptosporangiaceae;;Sphaerisporangium;Sphaerisporangium_uc	Sphaerisporangium_uc	0	0.024
Bacteria;;;Actinobacteria;;Actinobacteria_c;;Streptosporangiales;;Thermomonosporaceae;;Actinallomurus;Actinallomurus_uc	Actinallomurus_uc	0.0168	0
Bacteria;;;Actinobacteria;;Coriobacteriia;;Coriobacteriales;;Coriobacteriaceae;;GQ396959_g;DQ521820_s	DQ521820_s	0	0.024
Bacteria;;;Actinobacteria;;Coriobacteriia;;Coriobacteriales;;Coriobacteriaceae;;GQ396959_g;GQ461691_s	GQ461691_s	0	0.024
Bacteria;;;Actinobacteria;;DQ513070_c;;DQ513070_o;;DQ513070_f;;DQ513070_f_uc;;DQ513070_o_f_uc_s	DQ513070_f_uc_s	0.0337	0
Bacteria;;;Actinobacteria;;DQ513070_c;;DQ513070_o;;DQ513070_o_uc;;DQ513070_o_uc_g;;DQ513070_o_uc_s	DQ513070_o_uc_s	0.0168	0
Bacteria;;;Actinobacteria;;DQ513070_c;;EU385864_o;;EU385864_f;;EU385864_f_uc;;EU385864_o_f_uc_s	EU385864_f_uc_s	0	0.024
Bacteria;;;Actinobacteria;;DQ513070_c;;EU385864_o;;EU385864_f;;EU385864_g;;EU385864_g_uc	EU385864_g_uc	0.0168	0.097
Bacteria;;;Actinobacteria;;DQ513070_c;;EU385864_o;;EU385864_o_uc;;EU385864_o_uc_g;;EU385864_o_uc_s	EU385864_o_uc_s	0.0168	0
Bacteria;;;Actinobacteria;;EU374107_c;;EU374107_o;;EU374093_f;;EU374093_f_uc;;EU374093_o_f_uc_s	EU374093_f_uc_s	0.0168	0.121
Bacteria;;;Actinobacteria;;EU374107_c;;EU374107_o;;EU374093_f;;EU374093_g;;AY592138_s	AY592138_s	0.0168	0
Bacteria;;;Actinobacteria;;EU374107_c;;EU374107_o;;EU374093_f;;EU374093_g;;EU374089_s	EU374089_s	0	0.024
Bacteria;;;Actinobacteria;;EU374107_c;;EU374107_o;;EU374093_f;;EU374093_g;;EU374093_g_uc	EU374093_g_uc	0.0673	0.436
Bacteria;;;Actinobacteria;;EU374107_c;;EU374107_o;;EU374093_f;;EU374093_g;;HM598211_s	HM598211_s	0.0168	0.048
Bacteria;;;Actinobacteria;;EU374107_c;;EU374107_o;;EU374107_f;;4P002712_g;;4P002712_g_uc	4P002712_g_uc	0	0.024
Bacteria;;;Actinobacteria;;EU374107_c;;EU374107_o;;EU374107_f;;DQ395394_g;;DQ395394_g_uc	DQ395394_g_uc	0.0168	0
Bacteria;;;Actinobacteria;;EU374107_c;;EU374107_o;;EU374107_f;;DQ395394_g;;DQ395394_s	DQ395394_s	0.0505	0
Bacteria;;;Actinobacteria;;EU374107_c;;EU374107_o;;EU374107_f;;EU374100_g;;EU374100_g_uc	EU374100_g_uc	0.0337	0
Bacteria;;;Actinobacteria;;EU374107_c;;EU374107_o;;EU374107_f;;EU374100_g;;FJ624300_s	FJ624300_s	0.2524	0
Bacteria;;;Actinobacteria;;EU374107_c;;EU374107_o;;EU374107_f;;EU374100_g;;JF344188_s	JF344188_s	0.1178	0
Bacteria;;;Actinobacteria;;EU374107_c;;EU374107_o;;EU374107_f;;EU374107_f_uc;;EU374107_o_f_uc_s	EU374107_f_uc_s	0.1514	0.218
Bacteria;;;Actinobacteria;;EU374107_c;;EU374107_o;;EU374107_f;;EU374107_g;;4P002687_s	4P002687_s	0	0.145
Bacteria;;;Actinobacteria;;EU374107_c;;EU374107_o;;EU374107_f;;EU374107_g;;DQ395050_s	DQ395050_s	0.0168	0.267
Bacteria;;;Actinobacteria;;EU374107_c;;EU374107_o;;EU374107_f;;EU374107_g;;DQ395358_s	DQ395358_s	0	0.024
Bacteria;;;Actinobacteria;;EU374107_c;;EU374107_o;;EU374107_f;;EU374107_g;;EU374107_g_uc	EU374107_g_uc	0.0673	0.267
Bacteria;;;Actinobacteria;;EU374107_c;;EU374107_o;;EU374107_f;;EU374107_g;;EU374107_s	EU374107_s	0.0168	0

Bacteria;;;Actinobacteria;;EU374107_c;;EU374107_o;;EU374107_f;;EU374107_g;EU491057_s	EU491057_s	0.0168	0
Bacteria;;;Actinobacteria;;EU374107_c;;EU374107_o;;EU374107_f;;EU374107_g;FJ358902_s	FJ358902_s	0	0.145
Bacteria;;;Actinobacteria;;EU374107_c;;EU374107_o;;EU374107_f;;EU374107_g;FJ416072_s	FJ416072_s	0	0.024
Bacteria;;;Actinobacteria;;EU374107_c;;EU374107_o;;EU374107_f;;EU374107_g;GQ246409_s	GQ246409_s	0.0505	0
Bacteria;;;Actinobacteria;;EU374107_c;;EU374107_o;;EU374107_f;;EU374107_g;JF344148_s	JF344148_s	0.0168	0.048
Bacteria;;;Actinobacteria;;EU374107_c;;EU374107_o;;EU374107_f;;FJ712481_g;4P004824_s	4P004824_s	0	0.048
Bacteria;;;Actinobacteria;;EU374107_c;;EU374107_o;;EU374107_f;;FJ712481_g;FJ545440_s	FJ545440_s	0.0505	0.097
Bacteria;;;Actinobacteria;;EU374107_c;;EU374107_o;;EU374107_f;;FJ712481_g;FJ712481_g_uc	FJ712481_g_uc	0.1514	0.024
Bacteria;;;Actinobacteria;;EU374107_c;;EU374107_o;;EU374107_f;;FJ712481_g;FJ712481_s	FJ712481_s	0	0.024
Bacteria;;;Actinobacteria;;EU374107_c;;EU374107_o;;EU374107_f;;FJ712481_g;GQ246337_s	GQ246337_s	0.6898	0
Bacteria;;;Actinobacteria;;EU374107_c;;EU374107_o;;EU374107_o_uc;;EU374107_o_uc_g;EU374107_o_uc_s	EU374107_o_uc	0.0337	0
Bacteria;;;Actinobacteria;;FJ478799_c;;FJ478799_o;;FJ478799_f;;FJ478799_g;4P006019_s	4P006019_s	0	0.024
Bacteria;;;Actinobacteria;;OPB41;;EU385697_o;;EU385697_f;;DQ394962_g;DQ394972_s	DQ394972_s	0	0.048
Bacteria;;;Actinobacteria;;OPB41;;OPB41_o;;OPB41_f;;OPB41_f_uc;OPB41_f_uc_s	OPB41_f_uc_s	0.0168	0
Bacteria;;;Actinobacteria;;Rubrobacteria;;AB240334_o;;AB240334_f;;AB240334_f_uc;AB240334_f_uc_s	AB240334_f_uc_s	0	0.048
Bacteria;;;Actinobacteria;;Rubrobacteria;;AB240334_o;;AB240334_f;;AB240334_g;AB240334_g_uc	AB240334_g_uc	0.0168	0
Bacteria;;;Actinobacteria;;Rubrobacteria;;AB240334_o;;AB240334_f;;AB240334_g;DQ890440_s	DQ890440_s	0	0.218
Bacteria;;;Actinobacteria;;Rubrobacteria;;AB240334_o;;AB240334_f;;AB240334_g;EU804030_s	EU804030_s	0	0.218
Bacteria;;;Actinobacteria;;Rubrobacteria;;AB240334_o;;EU266877_f;;EU266877_f_uc;EU266877_f_uc_s	EU266877_f_uc_s	0	0.024
Bacteria;;;Actinobacteria;;Rubrobacteria;;AB240334_o;;EU266877_f;;EU266877_g;EU266877_g_uc	EU266877_g_uc	0	0.073
Bacteria;;;Actinobacteria;;Rubrobacteria;;AB240334_o;;EU266877_f;;EU266877_g;EU266877_s	EU266877_s	0	0.024
Bacteria;;;Actinobacteria;;Rubrobacteria;;AB240334_o;;EU407208_f;;EU407208_g;EU407208_g_uc	EU407208_g_uc	0	0.048
Bacteria;;;Actinobacteria;;Rubrobacteria;;Gaiellales;;Gaiellaceae;;Gaiella;EF516701_s	EF516701_s	0	0.024
Bacteria;;;Actinobacteria;;Rubrobacteria;;Gaiellales;;Gaiellaceae;;Gaiella;EU491301_s	EU491301_s	0	0.073
Bacteria;;;Actinobacteria;;Rubrobacteria;;Gaiellales;;Gaiellaceae;;Gaiella;EU491469_s	EU491469_s	0.0337	0
Bacteria;;;Actinobacteria;;Rubrobacteria;;Gaiellales;;Gaiellaceae;;Gaiella;Gaiella_uc	Gaiella_uc	0	0.024
Bacteria;;;Actinobacteria;;Rubrobacteria;;Gaiellales;;Gaiellaceae;;Gaiellaceae_uc;Gaiellaceae_uc_s	Gaiellaceae_uc_s	0.0337	0.048
Bacteria;;;Actinobacteria;;Rubrobacteria;;Gaiellales;;Gaiellales_uc;;Gaiellales_uc_g;Gaiellales_uc_s	Gaiellales_uc_s	0	0.024
Bacteria;;;Actinobacteria;;Rubrobacteria;;Rubrobacteriales;;Rubrobacteraceae;;Rubrobacter;HQ397199_s	HQ397199_s	0	0.024
Bacteria;;;Actinobacteria;;Thermoleophilia;;Solirubrobacterales;;AB630582_f;;AB630582_f_uc;AB630582_f_uc_s	AB630582_f_uc_s	0.0337	0.121
Bacteria;;;Actinobacteria;;Thermoleophilia;;Solirubrobacterales;;AB630582_f;;AB630582_g;AB630582_g_uc	AB630582_g_uc	0.0168	0.194
Bacteria;;;Actinobacteria;;Thermoleophilia;;Solirubrobacterales;;Conexibacteraceae;;Conexibacteraceae_uc;Conexibacteraceae_uc_s	Conexibacteraceae_uc_s	0	0.024
Bacteria;;;Actinobacteria;;Thermoleophilia;;Solirubrobacterales;;EU289467_f;;EU289467_f_uc;EU289467_f_uc_s	EU289467_f_uc_s	0	0.048
Bacteria;;;Armatimonadetes;;EU385871_c;;EU385871_o;;EU385871_f;;EU385871_f_uc;EU385871_f_uc_s	EU385871_f_uc_s	0.0168	0
Bacteria;;;Armatimonadetes;;Fimbriimonadia;;Fimbriimonadales;;Fimbriimonadaceae;;Fimbriimonadaceae_uc;Fimbriimonadaceae_uc_s	Fimbriimonadaceae_uc_s	0	0.073

Bacteria;;;AY345499_p;;AY345499_c;;AY345499_o;;AY345499_o_uc;;AY345499_o_uc_g;AY345499_o_uc_s	AY345499_o_uc	0	0.024
Bacteria;;;Bacteria_uc;;Bacteria_uc_c;;Bacteria_uc_o;;Bacteria_uc_f;;Bacteria_uc_g;Bacteria_uc_s	Bacteria_uc_s	0.0505	0.024
Bacteria;;;Bacteroidetes;;Bacteroidia;;Bacteroidales;;FJ437992_f;;FJ437992_f_uc;FJ437992_f_uc_s	FJ437992_f_uc_s	0	0.121
Bacteria;;;Bacteroidetes;;Bacteroidia;;Bacteroidales;;FJ437992_f;;GQ356975_g;DQ395033_s	DQ395033_s	0	0.024
Bacteria;;;Bacteroidetes;;Bacteroidia;;Bacteroidales;;GQ357022_f;;EU487965_g;EU487965_g_uc	EU487965_g_uc	0.0168	0
Bacteria;;;Bacteroidetes;;Bacteroidia;;Bacteroidales;;GQ357022_f;;GQ357022_f_uc;GQ357022_f_uc_s	GQ357022_f_uc	0	0.024
Bacteria;;;Bacteroidetes;;Bacteroidia;;Bacteroidales;;GQ357022_f;;GQ357022_g;FJ264575_s	FJ264575_s	0	0.073
Bacteria;;;Bacteroidetes;;Bacteroidia;;Bacteroidales;;GQ357022_f;;GQ357022_g;JF344511_s	JF344511_s	0	0.024
Bacteria;;;Bacteroidetes;;Bacteroidia;;Bacteroidales;;GU454901_f;;EU488084_g;EU488084_g_uc	EU488084_g_uc	0.0168	0
Bacteria;;;Bacteroidetes;;Bacteroidia;;Bacteroidales;;Marinilabiliaceae;;Marinifilum;Marinifilum_uc	Marinifilum_uc	0	0.121
Bacteria;;;Bacteroidetes;;Bacteroidia;;Bacteroidales;;Marinilabiliaceae;;Marinilabiliaceae_uc;Marinilabiliaceae_uc_s	Marinilabiliaceae_uc	0	0.048
Bacteria;;;Bacteroidetes;;Bacteroidia;;Bacteroidales;;Marinilabiliaceae;;Saccharicrinis;Saccharicrinis_uc	Saccharicrinis_uc	0	0.024
Bacteria;;;Bacteroidetes;;Bacteroidia;;Bacteroidales;;Prolixibacteraceae;;Prolixibacteraceae_uc;Prolixibacteraceae_uc_s	Prolixibacteraceae_uc	0	0.024
Bacteria;;;Bacteroidetes;;Cytophagia;;Cytophagales;;DQ395367_f;;DQ395367_g;DQ395367_g_uc	DQ395367_g_uc	0	0.048
Bacteria;;;Bacteroidetes;;Cytophagia;;Cytophagales;;DQ395367_f;;DQ395367_g;DQ431893_s	DQ431893_s	0	0.121
Bacteria;;;Bacteroidetes;;Cytophagia;;Cytophagales;;DQ395367_f;;DQ395367_g;EU652657_s	EU652657_s	0	0.024
Bacteria;;;Bacteroidetes;;Cytophagia;;Cytophagales;;EU804292_f;;EU804292_f_uc;EU804292_f_uc_s	EU804292_f_uc_s	0.0168	0
Bacteria;;;Bacteroidetes;;Cytophagia;;Cytophagales;;GQ246379_f;;DQ395064_g;AB530240_s	AB530240_s	0	0.048
Bacteria;;;Bacteroidetes;;Flavobacteria;;Flavobacteriales;;Brumimicrobiaceae;;Brumimicrobiaceae_uc;Brumimicrobiaceae_uc_s	Brumimicrobiaceae_uc	0.0168	0.073
Bacteria;;;Bacteroidetes;;Flavobacteria;;Flavobacteriales;;Brumimicrobiaceae;;Fluviicola;Fluviicola_uc	Fluviicola_uc	0	0.024
Bacteria;;;Bacteroidetes;;Flavobacteria;;Flavobacteriales;;Brumimicrobiaceae;;Salinirepens;4P004610_s	4P004610_s	0	0.024
Bacteria;;;Bacteroidetes;;Flavobacteria;;Flavobacteriales;;Cryomorphaceae;;Cryomorphaceae_uc;Cryomorphaceae_uc_s	Cryomorphaceae_uc	0	0.024
Bacteria;;;Bacteroidetes;;Flavobacteria;;Flavobacteriales;;Flavobacteriaceae;;Actibacter;Actibacter_sediminis	Actibacter_sediminis	0	0.048
Bacteria;;;Bacteroidetes;;Flavobacteria;;Flavobacteriales;;Flavobacteriaceae;;AJ567549_g;AJ567549_g_uc	AJ567549_g_uc	0	0.024
Bacteria;;;Bacteroidetes;;Flavobacteria;;Flavobacteriales;;Flavobacteriaceae;;AM110988_g;4P002731_s	4P002731_s	0	0.048
Bacteria;;;Bacteroidetes;;Flavobacteria;;Flavobacteriales;;Flavobacteriaceae;;AM110988_g;AM110988_g_uc	AM110988_g_uc	0.0168	0.048
Bacteria;;;Bacteroidetes;;Flavobacteria;;Flavobacteriales;;Flavobacteriaceae;;Flavobacteriaceae_uc;Flavobacteriaceae_uc_s	Flavobacteriaceae_uc	0.1346	0.194
Bacteria;;;Bacteroidetes;;Flavobacteria;;Flavobacteriales;;Flavobacteriaceae;;Lutibacter;Lutibacter_flavus	Lutibacter_flavus	0.0168	0
Bacteria;;;Bacteroidetes;;Flavobacteria;;Flavobacteriales;;Flavobacteriaceae;;Lutibacter;Lutibacter_uc	Lutibacter_uc	0.0168	0.073
Bacteria;;;Bacteroidetes;;Flavobacteria;;Flavobacteriales;;Flavobacteriaceae;;Lutimonas;Lutimonas_vermicola	Lutimonas_vermicola	0	0.073
Bacteria;;;Bacteroidetes;;Flavobacteria;;Flavobacteriales;;Flavobacteriaceae;;Robiginitalea;DQ395008_s	DQ395008_s	0	0.121
Bacteria;;;Bacteroidetes;;Flavobacteria;;Flavobacteriales;;Flavobacteriaceae;;Salegentibacter;JX240567_s	JX240567_s	1.5141	0
Bacteria;;;Bacteroidetes;;Flavobacteria;;Flavobacteriales;;Flavobacteriaceae;;Salegentibacter;Salegentibacter_mishustinae	Salegentibacter_mishustinae	15.293	0
Bacteria;;;Bacteroidetes;;Flavobacteria;;Flavobacteriales;;Flavobacteriaceae;;Salegentibacter;Salegentibacter_uc	Salegentibacter_uc	0.1346	0

Bacteria;;;Bacteroidetes;;Flavobacteria;;Flavobacteriales;;Flavobacteriaceae;;Zeaxanthinibacter;4P002669_s	4P002669_s	0	0.048
Bacteria;;;Bacteroidetes;;Flavobacteria;;Flavobacteriales;;Flavobacteriaceae;;Zeaxanthinibacter;Zeaxanthinibacter_uc	Zeaxanthinibacter	0	0.145
Bacteria;;;Bacteroidetes;;Rhodothermus_c;;Rhodothermus_o;;AB015524_f;;4P002653_g;4P002653_g_uc	4P002653_g_uc	0	0.097
Bacteria;;;Bacteroidetes;;Rhodothermus_c;;Rhodothermus_o;;AB015524_f;;AB015524_f_uc;AB015524_f_uc_s	AB015524_f_uc_s	0	0.073
Bacteria;;;Bacteroidetes;;Rhodothermus_c;;Rhodothermus_o;;EU488070_f;;EU488070_f_uc;EU488070_f_uc_s	EU488070_f_uc_s	0	0.024
Bacteria;;;Bacteroidetes;;Sphingobacteria;;HQ178786_o;;FN811185_f;;FN811185_f_uc;FN811185_f_uc_s	FN811185_f_uc_s	0	0.048
Bacteria;;;Bacteroidetes;;Sphingobacteria;;Sphingobacteriales;;Saprospiraceae;;AB476288_g;AB476288_g_uc	AB476288_g_uc	0	0.073
Bacteria;;;Bacteroidetes;;Sphingobacteria;;Sphingobacteriales;;Saprospiraceae;;FJ155027_g;FJ155027_s	FJ155027_s	0	0.073
Bacteria;;;Bacteroidetes;;Sphingobacteria;;Sphingobacteriales;;Saprospiraceae;;Saprospiraceae_uc;Saprospiraceae_uc_s	Saprospiraceae_uc	0	0.291
Bacteria;;;Bacteroidetes;;Sphingobacteria;;Sphingobacteriales;;Sphingobacteriales_uc;;Sphingobacteriales_uc_g;Sphingobacteriales_uc_s	Sphingobacteriales	0	0.048
Bacteria;;;BRC1;;EU246057_c;;EU246057_o;;EU246057_o_uc;;EU246057_o_uc_g;EU246057_o_uc_s	EU246057_o_uc_s	0	0.024
Bacteria;;;BRC1;;FP245541_c;;FP245541_o;;EU385897_f;;EU385897_g;EU385897_g_uc	EU385897_g_uc	0	0.024
Bacteria;;;BRC1;;FP245541_c;;FP245541_o;;EU925842_f;;EU925842_f_uc;EU925842_f_uc_s	EU925842_f_uc_s	0.0168	0
Bacteria;;;BRC1;;FP245541_c;;FP245541_o;;FP245541_f;;FP245541_f_uc;FP245541_f_uc_s	FP245541_f_uc_s	0	0.024
Bacteria;;;BRC1;;FP245541_c;;FP245541_o;;FP245541_o_uc;;FP245541_o_uc_g;FP245541_o_uc_s	FP245541_o_uc_s	0	0.024
Bacteria;;;BRC1;;FP245541_c;;JN501450_o;;JN501450_o_uc;;JN501450_o_uc_g;JN501450_o_uc_s	JN501450_o_uc_s	0	0.024
Bacteria;;;Caldithrix_p;;Caldithrix_c;;Caldithrix_o;;Caldithrix_f;;AB530234_g;4P001585_s	4P001585_s	0	0.024
Bacteria;;;Caldithrix_p;;Caldithrix_c;;Caldithrix_o;;Caldithrix_f;;AB530234_g;AB530234_g_uc	AB530234_g_uc	0.0168	0.024
Bacteria;;;Caldithrix_p;;Caldithrix_c;;Caldithrix_o;;Caldithrix_f;;AB530234_g;EU592472_s	EU592472_s	0.0168	0
Bacteria;;;Caldithrix_p;;Caldithrix_c;;Caldithrix_o;;Caldithrix_f;;Caldithrix_f_uc;Caldithrix_f_uc_s	Caldithrix_f_uc_s	0.0673	0.024
Bacteria;;;Caldithrix_p;;Caldithrix_c;;Caldithrix_o;;Caldithrix_f;;DQ811935_g;EU487880_s	EU487880_s	0.0168	0
Bacteria;;;Caldithrix_p;;Caldithrix_c;;EU245241_o;;EU245241_o_uc;;EU245241_o_uc_g;EU245241_o_uc_s	EU245241_o_uc_s	0	0.048
Bacteria;;;Chlorobi;;Ignavibacteriae;;Ignavibacteriales;;GQ472436_f;;GQ472436_f_uc;GQ472436_f_uc_s	GQ472436_f_uc_s	0	0.024
Bacteria;;;Chlorobi;;Ignavibacteriae;;Ignavibacteriales;;Ignavibacteriaceae;;AB530235_g;JQ579954_s	JQ579954_s	0	0.097
Bacteria;;;Chlorobi;;Ignavibacteriae;;Ignavibacteriales;;Ignavibacteriaceae;;Ignavibacteriaceae_uc;Ignavibacteriaceae_uc_s	Ignavibacteriaceae	0.0505	0
Bacteria;;;Chlorobi;;Ignavibacteriae;;Ignavibacteriales;;Ignavibacteriaceae;;Ignavibacterium;FJ416082_s	FJ416082_s	0.1851	0
Bacteria;;;Chlorobi;;Ignavibacteriae;;Ignavibacteriales;;Ignavibacteriaceae;;Ignavibacterium;Ignavibacterium_uc	Ignavibacterium_u	0.0168	0.073
Bacteria;;;Chlorobi;;Ignavibacteriae;;Ignavibacteriales;;Ignavibacteriaceae;;Ignavibacterium;JQ580230_s	JQ580230_s	0.0168	0
Bacteria;;;Chlorobi;;Ignavibacteriae;;Ignavibacteriales;;JF428856_f;;JF428856_g;JF428856_s	JF428856_s	0.0168	0.073
Bacteria;;;Chloroflexi;;Anaerolineae;;AF234733_o;;FJ481317_f;;FJ481317_f_uc;FJ481317_f_uc_s	FJ481317_f_uc_s	0	0.024
Bacteria;;;Chloroflexi;;Anaerolineae;;Anaerolinaeles;;AM745150_f;;AM745150_f_uc;AM745150_f_uc_s	AM745150_f_uc_s	0.2187	0.17
Bacteria;;;Chloroflexi;;Anaerolineae;;Anaerolinaeles;;AM745150_f;;AM745150_g;AM745150_g_uc	AM745150_g_uc	0.0337	0.121
Bacteria;;;Chloroflexi;;Anaerolineae;;Anaerolinaeles;;AM745150_f;;AM745150_g;AM745150_s	AM745150_s	0.0841	0
Bacteria;;;Chloroflexi;;Anaerolineae;;Anaerolinaeles;;AM745150_f;;AM745150_g;GQ472825_s	GQ472825_s	0.0168	0

Bacteria;;Chloroflexi;;Anaerolineae;;Anaerolinales;;AM745150_f;;AM745150_g;JN977248_s	JN977248_s	0.0168	0
Bacteria;;Chloroflexi;;Anaerolineae;;Anaerolinales;;AM745150_f;;AM745166_g;FJ264746_s	FJ264746_s	0.0337	0
Bacteria;;Chloroflexi;;Anaerolineae;;Anaerolinales;;AM745150_f;;AM745166_g;GQ246423_s	GQ246423_s	0	0.024
Bacteria;;Chloroflexi;;Anaerolineae;;Anaerolinales;;AM745150_f;;AM745166_g;GQ356984_s	GQ356984_s	0	0.048
Bacteria;;Chloroflexi;;Anaerolineae;;Anaerolinales;;AM745150_f;;DQ811856_g;4P000759_s	4P000759_s	0.3365	0
Bacteria;;Chloroflexi;;Anaerolineae;;Anaerolinales;;AM745150_f;;DQ811856_g;DQ811856_g_uc	DQ811856_g_uc	0.4206	0.194
Bacteria;;Chloroflexi;;Anaerolineae;;Anaerolinales;;AM745150_f;;DQ811856_g;EF061969_s	EF061969_s	0.1009	0.121
Bacteria;;Chloroflexi;;Anaerolineae;;Anaerolinales;;AM745150_f;;DQ811856_g;JN977295_s	JN977295_s	0.1346	0.121
Bacteria;;Chloroflexi;;Anaerolineae;;Anaerolinales;;AM745150_f;;DQ811858_g;DQ811858_s	DQ811858_s	0.0337	0.097
Bacteria;;Chloroflexi;;Anaerolineae;;Anaerolinales;;Anaerolinaceae;;Anaerolinaceae_uc;Anaerolinaceae_uc_s	Anaerolinaceae_uc	0.0168	0.048
Bacteria;;Chloroflexi;;Anaerolineae;;Anaerolinales;;Anaerolinaceae;;GQ500701_g;FJ517050_s	FJ517050_s	0	0.024
Bacteria;;Chloroflexi;;Anaerolineae;;Anaerolinales;;Anaerolinaceae;;Pelolinea;AF419689_s	AF419689_s	0.0168	0
Bacteria;;Chloroflexi;;Anaerolineae;;Anaerolinales;;Anaerolinales_uc;;Anaerolinales_uc_g;Anaerolinales_uc_s	Anaerolinales_uc	0.0168	0
Bacteria;;Chloroflexi;;Anaerolineae;;Anaerolinales;;DQ394948_f;;DQ394948_f_uc;DQ394948_f_uc_s	DQ394948_f_uc	0.0168	0
Bacteria;;Chloroflexi;;Anaerolineae;;Anaerolinales;;FJ455877_f;;EU266881_g;JX240956_s	JX240956_s	0.0168	0
Bacteria;;Chloroflexi;;Anaerolineae;;Anaerolinales;;FJ455877_f;;FJ455877_f_uc;FJ455877_f_uc_s	FJ455877_f_uc_s	0.0841	0.024
Bacteria;;Chloroflexi;;Anaerolineae;;Anaerolinales;;FJ455877_f;;FJ455877_g;AB015556_s	AB015556_s	0.3197	0
Bacteria;;Chloroflexi;;Anaerolineae;;Anaerolinales;;FJ455877_f;;FJ455877_g;AM745142_s	AM745142_s	0.0337	0.024
Bacteria;;Chloroflexi;;Anaerolineae;;Anaerolinales;;FJ455877_f;;FJ455877_g;DQ811872_s	DQ811872_s	0	0.024
Bacteria;;Chloroflexi;;Anaerolineae;;Anaerolinales;;FJ455877_f;;FJ455877_g;EU487891_s	EU487891_s	0.0168	0
Bacteria;;Chloroflexi;;Anaerolineae;;Anaerolinales;;FJ455877_f;;FJ455877_g;EU488086_s	EU488086_s	0.1009	0
Bacteria;;Chloroflexi;;Anaerolineae;;Anaerolinales;;FJ455877_f;;FJ455877_g;EU617894_s	EU617894_s	0	0.048
Bacteria;;Chloroflexi;;Anaerolineae;;Anaerolinales;;FJ455877_f;;FJ455877_g;FJ455877_g_uc	FJ455877_g_uc	0.3197	0.17
Bacteria;;Chloroflexi;;Anaerolineae;;Anaerolinales;;FJ455877_f;;FJ455877_g;FJ873372_s	FJ873372_s	0.1682	0
Bacteria;;Chloroflexi;;Anaerolineae;;Anaerolinales;;FJ455877_f;;FJ455877_g;JN977165_s	JN977165_s	0	0.048
Bacteria;;Chloroflexi;;Anaerolineae;;Anaerolinales;;FJ455877_f;;FJ455877_g;JN977207_s	JN977207_s	0.1682	0
Bacteria;;Chloroflexi;;Anaerolineae;;Anaerolinales;;FJ455877_f;;FJ455877_g;JX504347_s	JX504347_s	0.0337	0
Bacteria;;Chloroflexi;;Anaerolineae;;Anaerolinales;;FJ455877_f;;FJ455877_g;JX504511_s	JX504511_s	0	0.024
Bacteria;;Chloroflexi;;Anaerolineae;;Anaerolinales;;FJ455877_f;;FJ455877_g;KC010011_s	KC010011_s	0	0.024
Bacteria;;Chloroflexi;;Anaerolineae;;Anaerolinales;;GU455152_f;;FN820298_g;4P003627_s	4P003627_s	0	0.024
Bacteria;;Chloroflexi;;Anaerolineae;;Anaerolinales;;GU455152_f;;FN820298_g;DQ395058_s	DQ395058_s	0.0505	0.315
Bacteria;;Chloroflexi;;Anaerolineae;;Anaerolinales;;GU455152_f;;FN820298_g;DQ811863_s	DQ811863_s	0	0.024
Bacteria;;Chloroflexi;;Anaerolineae;;Anaerolinales;;GU455152_f;;FN820298_g;EF125394_s	EF125394_s	0	0.024
Bacteria;;Chloroflexi;;Anaerolineae;;Anaerolinales;;GU455152_f;;FN820298_g;FJ813520_s	FJ813520_s	0.0505	0
Bacteria;;Chloroflexi;;Anaerolineae;;Anaerolinales;;GU455152_f;;FN820298_g;FN820298_g_uc	FN820298_g_uc	0.0337	0.048
Bacteria;;Chloroflexi;;Anaerolineae;;Anaerolinales;;GU455152_f;;FN820298_g;FN820298_s	FN820298_s	0.0168	0
Bacteria;;Chloroflexi;;Anaerolineae;;Anaerolinales;;GU455152_f;;FN820298_g;GQ246385_s	GQ246385_s	0	0.024
Bacteria;;Chloroflexi;;Anaerolineae;;AY704393_o;;AY869684_f;;AY869684_f_uc;AY869684_f_uc_s	AY869684_f_uc	0.0168	0
Bacteria;;Chloroflexi;;Anaerolineae;;AY704393_o;;AY869684_f;;AY869684_g;AY869684_g_uc	AY869684_g_uc	0.0168	0
Bacteria;;Chloroflexi;;Anaerolineae;;EU245204_o;;EU245204_f;;EU245204_f_uc;EU245204_f_uc_s	EU245204_f_uc_s	0.0337	0.024
Bacteria;;Chloroflexi;;Anaerolineae;;EU245204_o;;EU245204_f;;EU245228_g;EU245228_g_uc	EU245228_g_uc	0	0.024
Bacteria;;Chloroflexi;;Anaerolineae;;FJ517056_o;;FJ517056_f;;EF061968_g;AB300071_s	AB300071_s	0	0.024

Bacteria;;Chloroflexi;;Anaerolineae;;FJ517056_o;;FJ517056_f;;EF061968_g;EF061968_g_uc	EF061968_g_uc	0.0168	0.097
Bacteria;;Chloroflexi;;Anaerolineae;;FJ517056_o;;FJ517056_f;;EF061968_g;EF061968_s	EF061968_s	0	0.024
Bacteria;;Chloroflexi;;Anaerolineae;;FJ517056_o;;FJ517056_f;;EF061968_g;EU488293_s	EU488293_s	0.0168	0.073
Bacteria;;Chloroflexi;;Anaerolineae;;FJ517056_o;;FJ517056_f;;FJ517056_f_uc;FJ517056_f_uc_s	FJ517056_f_uc_s	0	0.17
Bacteria;;Chloroflexi;;Anaerolineae;;FJ517056_o;;FJ517056_f;;FJ517056_g;FJ517056_g_uc	FJ517056_g_uc	0	0.024
Bacteria;;Chloroflexi;;Anaerolineae;;FJ517056_o;;FJ517056_f;;FJ517056_g;FJ748793_s	FJ748793_s	0	0.048
Bacteria;;Chloroflexi;;Caldilineae;;Caldilineales;;AB300116_f;;AB300116_f_uc;AB300116_f_uc_s	AB300116_f_uc_s	0.0673	0
Bacteria;;Chloroflexi;;Caldilineae;;Caldilineales;;AB300116_f;;AB300116_g;AB300116_g_uc	AB300116_g_uc	0.1009	0
Bacteria;;Chloroflexi;;Caldilineae;;Caldilineales;;AF419668_f;;AF419668_f_uc;AF419668_f_uc_s	AF419668_f_uc_s	0.0168	0
Bacteria;;Chloroflexi;;Caldilineae;;Caldilineales;;AF419668_f;;AF419668_g;AF419668_g_uc	AF419668_g_uc	0.0168	0.024
Bacteria;;Chloroflexi;;Caldilineae;;Caldilineales;;AY548939_f;;AY548939_f_uc;AY548939_f_uc_s	AY548939_f_uc_s	0	0.024
Bacteria;;Chloroflexi;;Caldilineae;;Caldilineales;;Caldilineaceae;;Caldilineaceae_uc;Caldilineaceae_uc_s	Caldilineaceae_uc_s	0	0.097
Bacteria;;Chloroflexi;;Caldilineae;;Caldilineales;;Caldilineaceae;;DQ351765_g;DQ351765_g_uc	DQ351765_g_uc	0	0.024
Bacteria;;Chloroflexi;;Caldilineae;;Caldilineales;;Caldilineaceae;;DQ811875_g;DQ811875_g_uc	DQ811875_g_uc	0	0.218
Bacteria;;Chloroflexi;;Caldilineae;;Caldilineales;;Caldilineaceae;;DQ811875_g;EU734916_s	EU734916_s	0	0.121
Bacteria;;Chloroflexi;;Caldilineae;;Caldilineales;;Caldilineales_uc;;Caldilineales_uc_g;Caldilineales_uc_s	Caldilineales_uc_s	0.0168	0.024
Bacteria;;Chloroflexi;;Caldilineae;;Caldilineales;;DQ811868_f;;DQ811868_f_uc;DQ811868_f_uc_s	DQ811868_f_uc_s	0.0168	0.024
Bacteria;;Chloroflexi;;Caldilineae;;Caldilineales;;DQ811868_f;;DQ811868_g;DQ811868_g_uc	DQ811868_g_uc	0.0168	0
Bacteria;;Chloroflexi;;Caldilineae;;Caldilineales;;EF208701_f;;EF208701_f_uc;EF208701_f_uc_s	EF208701_f_uc_s	0.0168	0
Bacteria;;Chloroflexi;;Caldilineae;;Caldilineales;;EU385730_f;;EU385730_f_uc;EU385730_f_uc_s	EU385730_f_uc_s	0.0505	0
Bacteria;;Chloroflexi;;Caldilineae;;Caldilineales;;EU385730_f;;EU385730_g;EU385730_s	EU385730_s	0.1851	0
Bacteria;;Chloroflexi;;Caldilineae;;DQ394964_o;;DQ394964_f;;DQ394964_f_uc;DQ394964_f_uc_s	DQ394964_f_uc_s	0.0168	0
Bacteria;;Chloroflexi;;Caldilineae;;DQ394964_o;;DQ394964_f;;DQ394964_g;DQ394964_g_uc	DQ394964_g_uc	0.1346	0.024
Bacteria;;Chloroflexi;;Caldilineae;;DQ394964_o;;DQ394964_f;;DQ394964_g;DQ811867_s	DQ811867_s	0.0168	0
Bacteria;;Chloroflexi;;Caldilineae;;DQ394964_o;;DQ394964_f;;DQ394964_g;EF208698_s	EF208698_s	0.1178	0.073
Bacteria;;Chloroflexi;;Caldilineae;;DQ394964_o;;DQ811885_f;;DQ811885_f_uc;DQ811885_f_uc_s	DQ811885_f_uc_s	0.0168	0
Bacteria;;Chloroflexi;;Caldilineae;;EU181507_o;;AJ306746_f;;AJ306746_f_uc;AJ306746_f_uc_s	AJ306746_f_uc_s	0.1514	0
Bacteria;;Chloroflexi;;Caldilineae;;EU245088_o;;EU245088_f;;EU245088_g;EU245088_g_uc	EU245088_g_uc	0.0168	0.024
Bacteria;;Chloroflexi;;Caldilineae;;EU245088_o;;EU245088_o_uc;;EU245088_o_uc_g;EU245088_o_uc_s	EU245088_o_uc_s	0.0168	0
Bacteria;;Chloroflexi;;Caldilineae;;FM253648_o;;DQ394955_f;;DQ394955_f_uc;DQ394955_f_uc_s	DQ394955_f_uc_s	0	0.218
Bacteria;;Chloroflexi;;Caldilineae;;FM253648_o;;DQ394955_f;;DQ394955_g;DQ394955_s	DQ394955_s	0.0168	0.024
Bacteria;;Chloroflexi;;Dehalococcoidetes;;Dehalococcoidales;;Dehalococcoidaceae;;Dehalococcoidaceae_uc;Dehalococcoidaceae_uc_s	Dehalococcoidaceae_uc_s	0.0337	0
Bacteria;;Chloroflexi;;Dehalococcoidetes;;Dehalococcoidales;;Dehalococcoidaceae;;EU487877_g;EU487877_g_uc	EU487877_g_uc	0.0168	0
Bacteria;;Chloroflexi;;Dehalococcoidetes;;Dehalococcoidales;;Dehalococcoidaceae;;EU487877_g;EU487877_s	EU487877_s	0.0168	0
Bacteria;;Chloroflexi;;Dehalococcoidetes;;Dehalococcoidales;;Dehalococcoidaceae;;EU487877_g;JQ817492_s	JQ817492_s	0.0505	0
Bacteria;;Chloroflexi;;Dehalococcoidetes;;Dehalococcoidales;;Dehalococcoidales_uc;;Dehalococcoidales_uc_g;Dehalococcoidales_uc_s	Dehalococcoidales_uc_s	0.0168	0

Bacteria;;Chloroflexi;;Dehalococcoidetes;;Dehalococcoidales;;DQ811888_f;;DQ811888_f_uc;DQ811888_f_uc_s	DQ811888_f_uc_	0.0337	0
Bacteria;;Chloroflexi;;Dehalococcoidetes;;Dehalococcoidales;;DQ811888_f;;DQ811888_g;GU208461_s	GU208461_s	0	0.024
Bacteria;;Chloroflexi;;Dehalococcoidetes;;Dehalococcoidales;;EU385821_f;;EU385821_f_uc;EU385821_f_uc_s	EU385821_f_uc_	0.1682	0.024
Bacteria;;Chloroflexi;;Dehalococcoidetes;;Dehalococcoidales;;EU385821_f;;EU385821_g;AY704394_s	AY704394_s	0.0337	0
Bacteria;;Chloroflexi;;Dehalococcoidetes;;Dehalococcoidales;;EU385821_f;;EU385821_g;EU385821_g_uc	EU385821_g_uc	0	0.024
Bacteria;;Chloroflexi;;Dehalococcoidetes;;Dehalococcoidales;;EU385821_f;;EU385821_g;GQ143803_s	GQ143803_s	0.0168	0
Bacteria;;Chloroflexi;;Dehalococcoidetes;;Dehalococcoidales;;EU385821_f;;EU385821_g;JN230042_s	JN230042_s	0.0168	0
Bacteria;;Chloroflexi;;Dehalococcoidetes;;Dehalococcoidales;;EU385821_f;;EU385821_g;JQ817373_s	JQ817373_s	0.0505	0
Bacteria;;Chloroflexi;;Dehalococcoidetes;;Dehalococcoidales;;GQ259278_f;;DQ394968_g;AY093456_s	AY093456_s	0.0505	0
Bacteria;;Chloroflexi;;Dehalococcoidetes;;Dehalococcoidales;;GQ259278_f;;DQ394968_g;DQ394968_g_uc	DQ394968_g_uc	0.0337	0
Bacteria;;Chloroflexi;;Dehalococcoidetes;;Dehalococcoidales;;GQ259278_f;;DQ394968_g;DQ394968_s	DQ394968_s	0.0168	0
Bacteria;;Chloroflexi;;Dehalococcoidetes;;Dehalococcoidales;;GQ259278_f;;DQ394968_g;EU487866_s	EU487866_s	0.0168	0
Bacteria;;Chloroflexi;;Dehalococcoidetes;;Dehalococcoidales;;GQ259278_f;;DQ394968_g;JQ817183_s	JQ817183_s	0.0168	0
Bacteria;;Chloroflexi;;Dehalococcoidetes;;Dehalococcoidales;;GQ259278_f;;GQ259278_f_uc;GQ259278_f_uc_s	GQ259278_f_uc_	0.0168	0
Bacteria;;Chloroflexi;;Dehalococcoidetes;;Dehalococcoidales;;GU553783_f;;DQ394965_g;DQ394965_g_uc	DQ394965_g_uc	0.0337	0
Bacteria;;Chloroflexi;;Dehalococcoidetes;;Dehalococcoidales;;GU553783_f;;GU553783_f_uc;GU553783_f_uc_s	GU553783_f_uc_	0.3365	0
Bacteria;;Chloroflexi;;Dehalococcoidetes;;Dehalococcoidales;;GU553783_f;;GU553783_g;4P003940_s	4P003940_s	0.0168	0
Bacteria;;Chloroflexi;;Dehalococcoidetes;;Dehalococcoidales;;GU553783_f;;GU553783_g;AY869672_s	AY869672_s	0.0168	0
Bacteria;;Chloroflexi;;Dehalococcoidetes;;Dehalococcoidales;;GU553783_f;;GU553783_g;EU181490_s	EU181490_s	0.0673	0
Bacteria;;Chloroflexi;;Dehalococcoidetes;;Dehalococcoidales;;GU553783_f;;GU553783_g;GU553783_g_uc	GU553783_g_uc	0.1851	0
Bacteria;;Chloroflexi;;Dehalococcoidetes;;Dehalococcoidales;;GU553783_f;;GU553783_g;JN123558_s	JN123558_s	0.0168	0
Bacteria;;Chloroflexi;;Dehalococcoidetes;;Dehalococcoidales;;GU553783_f;;GU553783_g;JN123571_s	JN123571_s	0.0168	0
Bacteria;;Chloroflexi;;Dehalococcoidetes;;Dehalococcoidales;;GU553783_f;;GU553783_g;JN123598_s	JN123598_s	0.0168	0
Bacteria;;Chloroflexi;;Dehalococcoidetes;;Dehalococcoidales;;GU553783_f;;GU553783_g;JN230303_s	JN230303_s	0.0168	0
Bacteria;;Chloroflexi;;Dehalococcoidetes;;Dehalococcoidales;;GU553783_f;;GU553783_g;JQ816343_s	JQ816343_s	0.0168	0
Bacteria;;Chloroflexi;;Dehalococcoidetes;;Dehalococcoidales;;GU553783_f;;GU553783_g;JQ989872_s	JQ989872_s	0.0505	0
Bacteria;;Chloroflexi;;EU335161_c;;EU335161_o;;EF076076_f;;EF076076_f_uc;EF076076_f_uc_s	EF076076_f_uc_	0	0.048
Bacteria;;Chloroflexi;;EU335161_c;;EU335161_o;;EU335161_f;;EF018589_g;EF018589_g_uc	EF018589_g_uc	0.0505	0.024
Bacteria;;Chloroflexi;;EU335161_c;;EU335161_o;;EU335161_f;;EF018589_g;JQ279048_s	JQ279048_s	0.0168	0
Bacteria;;Chloroflexi;;EU335161_c;;EU335161_o;;EU335161_f;;EU335161_g;EU335161_g_uc	EU335161_g_uc	0	0.024
Bacteria;;Chloroflexi;;EU335161_c;;EU335161_o;;EU335161_f;;EU386131_g;EU386131_g_uc	EU386131_g_uc	0.0168	0
Bacteria;;Chloroflexi;;GQ396871_c;;GQ396871_o;;GQ396871_f;;GQ396871_f_uc;GQ396871_f_uc_s	GQ396871_f_uc_	0	0.024

Bacteria;;Chloroflexi;;GQ396871_c;;GQ396871_o;;GQ396871_f;;GQ396871_g;EU488103_s	EU488103_s	0	0.024
Bacteria;;Chloroflexi;;GQ396871_c;;GQ396871_o;;GQ396871_f;;GQ396871_g;GQ396871_g_uc	GQ396871_g_uc	0.0168	0.97
Bacteria;;Chloroflexi;;SAR202_c;;SAR202_o;;AM997775_f;;AM997775_f_uc;AM997775_f_uc_s	AM997775_f_uc	0.0337	0.024
Bacteria;;Chloroflexi;;SAR202_c;;SAR202_o;;AM997775_f;;AM997775_g;AM997775_g_uc	AM997775_g_uc	0.0337	0.024
Bacteria;;Chloroflexi;;SAR202_c;;SAR202_o;;AM997775_f;;AM997775_g;JN229891_s	JN229891_s	0.0673	0
Bacteria;;Chloroflexi;;SAR202_c;;SAR202_o;;SAR202_o_uc;;SAR202_o_uc_g;SAR202_o_uc_s	SAR202_o_uc_s	0.0168	0
Bacteria;;Chloroflexi;;Thermomicrobia;;DQ129389_o;;DQ129389_f;FJ478561_g;FJ478561_g_uc	FJ478561_g_uc	0	0.048
Bacteria;;Cyanobacteria;;Chroobacteria;;Chroococcales;;Prochlorococcaceae;;Prochlorococcus;CP000097_s	CP000097_s	0	0.048
Bacteria;;Cyanobacteria;;Chroobacteria;;Chroococcales;;Prochlorococcaceae;;Prochlorococcus;CP000110_s	CP000110_s	0	0.315
Bacteria;;Cyanobacteria;;Chroobacteria;;Chroococcales;;Prochlorococcaceae;;Prochlorococcus;CP000435_s	CP000435_s	0	0.024
Bacteria;;Cyanobacteria;;Chroobacteria;;Chroococcales;;Prochlorococcaceae;;Prochlorococcus;CT978603_s	CT978603_s	0.0168	0.582
Bacteria;;Cyanobacteria;;Chroobacteria;;Chroococcales;;Prochlorococcaceae;;Prochlorococcus;EU804045_s	EU804045_s	0	0.291
Bacteria;;Cyanobacteria;;Chroobacteria;;Chroococcales;;Prochlorococcaceae;;Prochlorococcus;GU305804_s	GU305804_s	0	0.145
Bacteria;;Cyanobacteria;;Chroobacteria;;Chroococcales;;Prochlorococcaceae;;Prochlorococcus;HM057705_s	HM057705_s	0	0.024
Bacteria;;Cyanobacteria;;Chroobacteria;;Chroococcales;;Prochlorococcaceae;;Prochlorococcus;Prochlorococcus_uc	Prochlorococcus_uc	0	0.024
Bacteria;;Cyanobacteria;;JF737898_c;;AY493962_o;;AY493962_f;;AY493962_f_uc;AY493962_f_uc_s	AY493962_f_uc	0	0.024
Bacteria;;Cyanobacteria;;JF737898_c;;GU174155_o;;GU174155_o_uc;;GU174155_o_uc_g;GU174155_o_uc_s	GU174155_o_uc	0.0168	0
Bacteria;;Cyanobacteria;;Vampirovibrio_c;;AF544207_o;;AB240501_f;;AB240501_f_uc;AB240501_f_uc_s	AB240501_f_uc	0	0.194
Bacteria;;Cyanobacteria;;Vampirovibrio_c;;AF544207_o;;AB240501_f;;AB240501_g;AB240501_g_uc	AB240501_g_uc	0	0.024
Bacteria;;Deinococcus-Thermus;;Deinococci;;Trueperales;;Trueperaceae;;FN436135_g;HQ270413_s	HQ270413_s	0.0168	0.024
Bacteria;;Deinococcus-Thermus;;Deinococci;;Trueperales;;Trueperaceae;;Trueperaceae_uc;Trueperaceae_uc_s	Trueperaceae_uc	0	0.024
Bacteria;;DQ394940_p;;DQ394940_c;;DQ394940_c_uc;;DQ394940_c_uc_f;;DQ394940_c_uc_g;DQ394940_c_uc_s	DQ394940_c_uc	0.0168	0
Bacteria;;DQ394940_p;;DQ394940_c;;DQ394940_o;;DQ394940_f;;DQ394940_f_uc;DQ394940_f_uc_s	DQ394940_f_uc	0.1178	0
Bacteria;;DQ394940_p;;DQ394940_c;;DQ394940_o;;DQ394940_f;;DQ394940_g;DQ394940_g_uc	DQ394940_g_uc	0.0168	0
Bacteria;;DQ394940_p;;DQ394940_c;;DQ394940_o;;DQ394940_o_uc;;DQ394940_o_uc_g;DQ394940_o_uc_s	DQ394940_o_uc	0.0337	0
Bacteria;;DQ404824_p;;DQ404824_c;;DQ404824_o;;DQ404824_f;;DQ404824_f_uc;DQ404824_f_uc_s	DQ404824_f_uc	0	0.024
Bacteria;;DQ404824_p;;DQ404824_c;;DQ404824_o;;GU118042_f;;GU118042_f_uc;GU118042_f_uc_s	GU118042_f_uc	0	0.048
Bacteria;;DQ787710_p;;DQ787710_c;;DQ787710_o;;DQ787710_o_uc;;DQ787710_o_uc_g;DQ787710_o_uc_s	DQ787710_o_uc	0	0.024
Bacteria;;EU048619_p;;EU048619_c;;EU048619_o;;EU048619_f;;EU048619_f_uc;EU048619_f_uc_s	EU048619_f_uc	0.0168	0
Bacteria;;EU048619_p;;EU048619_c;;EU048619_o;;EU048619_o_uc;;EU048619_o_uc_g;EU048619_o_uc_s	EU048619_o_uc	0.0505	0
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Alicyclobacillaceae;;Effusibacillus;JX133387_s	JX133387_s	0	0.024
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Alicyclobacillaceae;;Tumebacillus;Tumebacillus_uc	Tumebacillus_uc	0	0.048
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Anaerobacillus;Anaerobacillus_uc	Anaerobacillus_uc	0.9085	0

Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Anaerobacillus;EU180994_s	EU180994_s	0.2187	0
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Anaerobacillus;JN178639_s	JN178639_s	0.2524	0
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Bacillaceae_uc;Bacillaceae_uc_s	Bacillaceae_uc_s	0.5552	0
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Bacillus;4P001286_s	4P001286_s	0	0.073
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Bacillus;AB533934_s	AB533934_s	0.0168	0
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Bacillus;AB637194_s	AB637194_s	0	0.024
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Bacillus;AB695960_s	AB695960_s	0.0673	0.024
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Bacillus;AJ544784_s	AJ544784_s	0	0.121
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Bacillus;Bacillus abyssalis	Bacillus abyssalis	0	0.024
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Bacillus;Bacillus anthracis group	Bacillus anthracis	0.0337	0.024
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Bacillus;Bacillus aryabhatai	Bacillus aryabhatai	0	0.218
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Bacillus;Bacillus asahii	Bacillus asahii	0	0.048
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Bacillus;Bacillus benzoovorans	Bacillus benzoovo	0	0.073
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Bacillus;Bacillus cheonanensis	Bacillus cheonane	0.1009	0
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Bacillus;Bacillus circulans	Bacillus circulans	0	0.024
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Bacillus;Bacillus drentensis	Bacillus drentensi	0	0.097
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Bacillus;Bacillus fengqiensis	Bacillus fengqiensi	0	0.024
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Bacillus;Bacillus flexus	Bacillus flexus	0	0.048
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Bacillus;Bacillus foraminis	Bacillus foraminis	0	0.024
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Bacillus;Bacillus ginsengisoli	Bacillus ginsengis	0	0.024
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Bacillus;Bacillus indicus group	Bacillus indicus g	0	0.048
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Bacillus;Bacillus luteolus	Bacillus luteolus	0.0337	0
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Bacillus;Bacillus niacini	Bacillus niacini	0	0.218
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Bacillus;Bacillus panaciterrae	Bacillus panaciter	0	0.048
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Bacillus;Bacillus soli	Bacillus soli	0	0.073
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Bacillus;Bacillus songklensis	Bacillus songklensi	0	0.024
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Bacillus;Bacillus subterraneus	Bacillus subterrane	0	0.048
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Bacillus;Bacillus subtilis	Bacillus subtilis	0	0.024
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Bacillus;Bacillus_uc	Bacillus_uc	0.1009	0.121
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Bacillus;D16282_s	D16282_s	0	0.024
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Bacillus;DQ125717_s	DQ125717_s	0	0.048
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Bacillus;DQ129292_s	DQ129292_s	0	0.048
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Bacillus;GQ407176_s	GQ407176_s	1.3123	0
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Bacillus;JQ978943_s	JQ978943_s	0	0.048
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Bacillus_g12;Bacillus neizhouensis	Bacillus neizhoue	1.5814	0
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Bacillus_g12;Bacillus_g12_uc	Bacillus_g12_uc	0.858	0
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Bacillus_g2;Bacillus deserti	Bacillus deserti	0	0.024
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Bacillus_g26;Bacillus_g26_uc	Bacillus_g26_uc	0.7571	0
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Domibacillus;Domibacillus robiginosus	Domibacillus robi	0	0.024
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Domibacillus;Domibacillus_uc	Domibacillus_uc	0	0.024
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillaceae;;Sediminibacillus;Sediminibacillus_uc	Sediminibacillus_	0.0168	0
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Bacillales_uc;Bacillales_uc_g;Bacillales_uc_s	Bacillales_uc_s	0.0505	0.024
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Paenibacillaceae;;Ammoniphilus;Ammoniphilus_uc	Ammoniphilus_uc	0	0.024
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Paenibacillaceae;;Oxalophagus;AB672312_s	AB672312_s	0	0.024
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Paenibacillaceae;;Oxalophagus;Oxalophagus_uc	Oxalophagus_uc	0	0.024
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Paenibacillaceae;;Paenibacillaceae_uc;Paenibacillaceae_uc_s	Paenibacillaceae_	0	0.097
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Paenibacillaceae;;Paenibacillus;Paenibacillus glucanolyticus	Paenibacillus gluc	0.0168	0
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Paenibacillaceae;;Paenibacillus;Paenibacillus_uc	Paenibacillus_uc	0	0.121

Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Planococcaceae;;Jeotgalibacillus;Jeotgalibacillus campisalis	Jeotgalibacillus ca	0.0168	0
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Planococcaceae;;Jeotgalibacillus;Jeotgalibacillus marinus	Jeotgalibacillus m	1.7497	0
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Planococcaceae;;Jeotgalibacillus;Jeotgalibacillus_uc	Jeotgalibacillus_u	0.0337	0
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Planococcaceae;;Lysinibacillus;Lysinibacillus odysseyi	Lysinibacillus ody	0	0.024
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Planococcaceae;;Paenisporosarcina;Paenisporosarcina antarctica	Paenisporosarcina	0.3365	0
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Planococcaceae;;Paenisporosarcina;Paenisporosarcina indica	Paenisporosarcina	0.1009	0
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Planococcaceae;;Paenisporosarcina;Paenisporosarcina macmurdoensis	Paenisporosarcina	0.4879	0
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Planococcaceae;;Paenisporosarcina;Paenisporosarcina quisquiliarum	Paenisporosarcina	22.628	0
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Planococcaceae;;Paenisporosarcina;Paenisporosarcina_uc	Paenisporosarcina	0.5384	0
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Planococcaceae;;Planococcaceae_uc;Planococcaceae_uc_s	Planococcaceae_u	0.2019	0
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Sporolactobacillaceae;;Fictibacillus;Fictibacillus nanhaiensis group	Fictibacillus nanh	0	0.024
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Sporolactobacillaceae;;Fictibacillus;Fictibacillus_uc	Fictibacillus_uc	0	0.024
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Thermoactinomycetaceae;;Shimazuella;Shimazuella_uc	Shimazuella_uc	0	0.024
Bacteria;;Firmicutes;;Bacilli;;Bacillales;;Thermoactinomycetaceae;;Thermoactinomycetaceae_uc;Thermoactinomycetaceae_uc_s	Thermoactinomy	0	0.024
Bacteria;;Firmicutes;;Bacilli;;Lactobacillales;;Streptococcaceae;;Streptococcus;Streptococcus mitis	Streptococcus mit	0	0.024
Bacteria;;Firmicutes;;Clostridia;;Clostridia_uc;;Clostridia_uc_f;;Clostridia_uc_g;Clostridia_uc_s	Clostridia_uc_s	0.0168	0.024
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Acidaminobacter_f;;Acidaminobacter_f_uc;Acidaminobacter_f_uc_s	Acidaminobacter_	0.0168	0
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Anaerovirgula_f;;Anaerovirgula_f_uc;Anaerovirgula_f_uc_s	Anaerovirgula_f_u	0	0.073
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Anaerovirgula_f;;Caminicella;Caminicella_uc	Caminicella_uc	0.0168	0.024
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Christensenellaceae;;FJ264756_g;FJ264756_g_uc	FJ264756_g_uc	0	0.024
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Clostridiaceae;;Clostridiaceae_uc;Clostridiaceae_uc_s	Clostridiaceae_uc	0	0.218
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Clostridiaceae;;Clostridium;AB470963_s	AB470963_s	0	0.073
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Clostridiaceae;;Clostridium;AB486804_s	AB486804_s	0	0.048
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Clostridiaceae;;Clostridium;AB486908_s	AB486908_s	0	0.024
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Clostridiaceae;;Clostridium;Clostridium beijerinckii group	Clostridium beijer	0	0.024
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Clostridiaceae;;Clostridium;Clostridium butyricum	Clostridium butyr	0	0.073
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Clostridiaceae;;Clostridium;Clostridium celatum	Clostridium celatu	0	0.024
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Clostridiaceae;;Clostridium;Clostridium chromiireducens	Clostridium chron	0	0.267
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Clostridiaceae;;Clostridium;Clostridium dakarensis	Clostridium dakar	0	0.024
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Clostridiaceae;;Clostridium;Clostridium ganghwense	Clostridium gangh	0.0168	0
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Clostridiaceae;;Clostridium;Clostridium nitrophenolicum	Clostridium nitrop	0	0.024
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Clostridiaceae;;Clostridium;Clostridium oceanicum	Clostridium ocean	0	0.024
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Clostridiaceae;;Clostridium;Clostridium puniceum	Clostridium punic	0	0.073
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Clostridiaceae;;Clostridium;Clostridium saccharobutylicum	Clostridium sacch	0	0.024
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Clostridiaceae;;Clostridium;Clostridium_uc	Clostridium_uc	0	0.315

Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Clostridiaceae;;Clostridium;GQ360027_s	GQ360027_s	0	0.024
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Clostridiaceae;;Clostridium;GQ487902_s	GQ487902_s	0	0.048
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Clostridiaceae;;Clostridium;JQ670716_s	JQ670716_s	0	0.024
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Clostridiaceae;;Oceanirhabdus;Oceanirhabdus sedimicola	Oceanirhabdus sed	0	0.048
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Clostridiales_uc;;Clostridiales_uc_g;Clostridiales_uc_s	Clostridiales_uc_s	0.0337	0.073
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Clostridium_g8_f;;Clostridium_g8_f_uc;Clostridium_g8_f_uc_s	Clostridium_g8_f	0	0.024
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Epulopiscium_f;;Epulopiscium;GQ359998_s	GQ359998_s	0	0.024
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;EU234093_f;;EU234093_f_uc;EU234093_f_uc_s	EU234093_f_uc_s	0.0168	0
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Gracilibacteraceae;;FJ439822_g;FJ439822_g_uc	FJ439822_g_uc	0	0.024
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Lachnospiraceae;;Anaerosporobacter;AB487451_s	AB487451_s	0	0.024
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Lachnospiraceae;;Anaerosporobacter;Anaerosporobacter_uc	Anaerosporobacte	0	0.024
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Lachnospiraceae;;Lachnospiraceae_uc;Lachnospiraceae_uc_s	Lachnospiraceae_	0	0.048
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Natranaerovirga_f;;Natranaerovirga_f_uc;Natranaerovirga_f_uc_s	Natranaerovirga_f	0.0168	0.218
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Peptostreptococcaceae;;Asaccharospora;FJ681620_s	FJ681620_s	0	0.024
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Peptostreptococcaceae;;Clostridium_g4;Clostridium_bifermentans	Clostridium bifer	0	0.024
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Peptostreptococcaceae;;Clostridium_g4;Eubacterium_tenne	Eubacterium tenu	0.0168	0
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Peptostreptococcaceae;;Clostridium_g4;GQ867474_s	GQ867474_s	0	0.024
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Peptostreptococcaceae;;Peptostreptococcaceae_uc;Peptostreptococcaceae_uc_s	Peptostreptococca	0	0.024
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Peptostreptococcaceae;;Romboutsia;EU472508_s	EU472508_s	0	0.024
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Peptostreptococcaceae;;Romboutsia;JMMB_s	JMMB_s	0	0.048
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Peptostreptococcaceae;;Romboutsia;Romboutsia_ilealis	Romboutsia ilealis	0	0.048
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Peptostreptococcaceae;;Romboutsia;Romboutsia_lituseburensis	Romboutsia lituse	0	0.364
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Peptostreptococcaceae;;Romboutsia;Romboutsia_uc	Romboutsia_uc	0	0.048
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Peptostreptococcaceae;;Sporacetigenium;GU597971_s	GU597971_s	0	0.048
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Peptostreptococcaceae;;Tepidibacter;Tepidibacter_mesophilus	Tepidibacter meso	0.0168	0
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Peptostreptococcaceae;;Terrisporobacter;Terrisporobacter_mayombei	Terrisporobacter r	0	0.024
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Ruminococcaceae;;AB240379_g;AB240379_g_uc	AB240379_g_uc	0	0.048
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Ruminococcaceae;;AB240379_g;AB307638_s	AB307638_s	0	0.024
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Ruminococcaceae;;Acetivibrio;Acetivibrio_uc	Acetivibrio_uc	0	0.024
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Ruminococcaceae;;Clostridium_g25;Clostridium_g25_uc	Clostridium_g25_	0	0.024
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Ruminococcaceae;;Ruminococcaceae_uc;Ruminococcaceae_uc_s	Ruminococcaceae	0	0.291
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Syntrophomonadaceae;;Syntrophomonadaceae_uc;Syntrophomonadaceae_uc_s	Syntrophomonada	0	0.048
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Thermohalobacter_f;;Thermohalobacter_f_uc;Thermohalobacter_f_uc_s	Thermohalobacter	0	0.024
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Veillonellaceae;;FJ196297_g;FJ196297_g_uc	FJ196297_g_uc	0	0.048
Bacteria;;Firmicutes;;Clostridia;;Clostridiales;;Veillonellaceae;;Veillonellaceae_uc;Veillonellaceae_uc_s	Veillonellaceae_u	0	0.024

Bacteria;;Firmicutes;;Clostridia;;Halanaerobiales;;Halanaerobiales_uc;;Halanaerobiales_uc_g;Halanaerobiales_uc_s	Halanaerobiales_u	0	0.024
Bacteria;;Firmicutes;;Clostridia;;Halanaerobiales;;Halobacteroidaceae;;DQ330743_g;DQ330743_g_uc	DQ330743_g_uc	0	0.024
Bacteria;;Firmicutes;;Clostridia;;Halanaerobiales;;Halobacteroidaceae;;Halobacteroidaceae_uc;Halobacteroidaceae_uc_s	Halobacteroidacea	0.0168	0
Bacteria;;Firmicutes;;Clostridia;;Hydrogenispora_o;;Hydrogenispora_f;;FN436105_g;AB486569_s	AB486569_s	0	0.048
Bacteria;;Firmicutes;;Clostridia;;Hydrogenispora_o;;Hydrogenispora_f;;Hydrogenispora_f_uc;Hydrogenispora_f_uc_s	Hydrogenispora_f	0	0.024
Bacteria;;Firmicutes;;Clostridia;;Sporotomaculum_o;;Sporotomaculum_f;;GQ921411_g;HM066376_s	HM066376_s	0	0.024
Bacteria;;Firmicutes;;Clostridia;;Sporotomaculum_o;;Sporotomaculum_f;;Sporotomaculum_f_uc;Sporotomaculum_f_uc_s	Sporotomaculum_	0	0.048
Bacteria;;Firmicutes;;Clostridia;;Symbiobacterium_o;;Symbiobacterium_f;;Symbiobacterium_f_uc;Symbiobacterium_f_uc_s	Symbiobacterium_	0	0.024
Bacteria;;Firmicutes;;Clostridia;;Thermoanaerobacterales;;Thermoanaerobacterales_uc;;Thermoanaerobacterales_uc_g;Thermoanaerobacterales_uc_s	Thermoanaerobac	0.0337	0
Bacteria;;Firmicutes;;Erysipelotrichi;;Turicibacter_o;;Turicibacter_f;;Haloplasma;DQ431898_s	DQ431898_s	0	0.121
Bacteria;;Firmicutes;;Erysipelotrichi;;Turicibacter_o;;Turicibacter_f;;Turicibacter_f_uc;Turicibacter_f_uc_s	Turicibacter_f_uc	0.0168	0.024
Bacteria;;Firmicutes;;Erysipelotrichi;;Turicibacter_o;;Turicibacter_o_uc;;Turicibacter_o_uc_g;Turicibacter_o_uc_s	Turicibacter_o_uc	0	0.024
Bacteria;;Fusobacteria;;Fusobacteria_c;;Fusobacteriales;;Fusobacteriaceae;;Cetobacterium;Cetobacterium_somerae	Cetobacterium sor	0	0.024
Bacteria;;Fusobacteria;;Fusobacteria_c;;Fusobacteriales;;Fusobacteriaceae;;Psychrilyobacter;Psychrilyobacter_atlanticus	Psychrilyobacter a	0	0.024
Bacteria;;Gemmatimonadetes;;Gemmatimonadetes_c;;Gemmatimonadales;;EU881211_f;;EU491374_g;EU491374_g_uc	EU491374_g_uc	0.0505	0
Bacteria;;Gemmatimonadetes;;Gemmatimonadetes_c;;Gemmatimonadales;;EU881211_f;;EU491374_g;EU617723_s	EU617723_s	0	0.024
Bacteria;;Gemmatimonadetes;;Gemmatimonadetes_c;;Gemmatimonadales;;EU881211_f;;EU881211_f_uc;EU881211_f_uc_s	EU881211_f_uc_s	0.0505	0.218
Bacteria;;Gemmatimonadetes;;GU568020_c;;EU374070_o;;EU374070_f;;EU374070_f_uc;EU374070_f_uc_s	EU374070_f_uc_s	0	0.024
Bacteria;;Gemmatimonadetes;;GU568020_c;;EU374070_o;;EU374070_f;;EU374070_g;4P004047_s	4P004047_s	0.0168	0
Bacteria;;Gemmatimonadetes;;GU568020_c;;EU374070_o;;EU374070_f;;EU374070_g;AB294923_s	AB294923_s	0	0.073
Bacteria;;Gemmatimonadetes;;GU568020_c;;EU374070_o;;EU374070_f;;EU374070_g;EU374069_s	EU374069_s	0	0.024
Bacteria;;Gemmatimonadetes;;GU568020_c;;EU374070_o;;EU374070_f;;EU374070_g;EU374070_g_uc	EU374070_g_uc	0.0337	0.121
Bacteria;;Gemmatimonadetes;;GU568020_c;;EU374070_o;;EU374070_f;;EU374070_g;EU374070_s	EU374070_s	0.1851	0.436
Bacteria;;Gemmatimonadetes;;GU568020_c;;EU374070_o;;EU374070_f;;EU374070_g;EU491357_s	EU491357_s	0.0168	0
Bacteria;;Gemmatimonadetes;;GU568020_c;;EU374070_o;;EU374070_f;;EU374070_g;EU735019_s	EU735019_s	0.0337	0.048
Bacteria;;Gemmatimonadetes;;GU568020_c;;EU374070_o;;EU374070_o_uc;;EU374070_o_uc_g;EU374070_o_uc_s	EU374070_o_uc	0	0.024
Bacteria;;Gemmatimonadetes;;GU568020_c;;GU568020_o;;GU568020_f;;AB015540_g;AB015540_g_uc	AB015540_g_uc	0	0.024
Bacteria;;Gemmatimonadetes;;GU568020_c;;GU568020_o;;GU568020_f;;EU652631_g;EU652631_g_uc	EU652631_g_uc	0	0.024
Bacteria;;Gemmatimonadetes;;GU568020_c;;GU568020_o;;GU568020_f;;GU568020_f_uc;GU568020_f_uc_s	GU568020_f_uc	0.0168	0.17
Bacteria;;Gemmatimonadetes;;GU568020_c;;GU568020_o;;GU568020_f;;GU568020_g;GU568020_g_uc	GU568020_g_uc	0	0.048
Bacteria;;Gemmatimonadetes;;GU568020_c;;GU568020_o;;GU568020_f;;HM437962_g;HM437962_g_uc	HM437962_g_uc	0	0.024
Bacteria;;Gemmatimonadetes;;GU568020_c;;GU568020_o;;GU568020_o_uc;;GU568020_o_uc_g;GU568020_o_uc_s	GU568020_o_uc	0	0.024

Bacteria;;;Gemmatimonadetes;;GU568020_c;;HQ190281_o;;HQ190281_f;;HQ190281_g;HQ190281_g_uc	HQ190281_g_uc	0.1178	0
Bacteria;;;Gemmatimonadetes;;GU568020_c;;HQ190281_o;;HQ190281_f;;HQ190281_g;JX193392_s	JX193392_s	0.0168	0
Bacteria;;;Gemmatimonadetes;;GU568020_c;;HQ727642_o;;HQ727642_f;;HQ727642_f_uc;HQ727642_f_uc_s	HQ727642_f_uc	0.0505	0.024
Bacteria;;;Gemmatimonadetes;;GU568020_c;;HQ727642_o;;HQ727642_f;;HQ727642_g;HQ727642_g_uc	HQ727642_g_uc	0	0.024
Bacteria;;;GN02;;GN02_c;;AJ224539_o;;AJ224539_o_uc;;AJ224539_o_uc_g;AJ224539_o_uc_s	AJ224539_o_uc_s	0.0168	0
Bacteria;;;GN02;;GN02_c;;AJ224539_o;;EU246208_f;;EU246208_f_uc;EU246208_f_uc_s	EU246208_f_uc_s	0.0168	0.145
Bacteria;;;GN02;;GN02_c;;AJ224539_o;;EU246208_f;;EU246208_g;EU246208_g_uc	EU246208_g_uc	0	0.024
Bacteria;;;GN02;;GN02_c;;AJ224539_o;;EU735030_f;;EU735030_f_uc;EU735030_f_uc_s	EU735030_f_uc_s	0	0.024
Bacteria;;;GN02;;GN02_c;;FJ205371_o;;FJ205371_f;;EU386044_g;EU386044_g_uc	EU386044_g_uc	0	0.024
Bacteria;;;GN02;;GN02_c;;FJ205371_o;;FJ205371_f;;FJ205371_f_uc;FJ205371_f_uc_s	FJ205371_f_uc_s	0.0337	0.048
Bacteria;;;GN02;;GN02_c;;FJ205371_o;;FJ205371_f;;FJ205371_g;FJ205371_g_uc	FJ205371_g_uc	0	0.024
Bacteria;;;GN02;;GN02_c;;FJ205371_o;;FJ205371_f;;FJ205371_g;FJ205371_s	FJ205371_s	0	0.073
Bacteria;;;GN04;;EU385751_c;;EU385751_o;;EU385751_f;;EU385751_f_uc;EU385751_f_uc_s	EU385751_f_uc_s	0.0337	0.048
Bacteria;;;GN04;;EU385751_c;;EU385751_o;;EU592438_f;;EU592438_f_uc;EU592438_f_uc_s	EU592438_f_uc_s	0.0337	0
Bacteria;;;GQ246394_p;;GQ246394_c;;GQ246394_o;;AM490697_f;;AM490697_f_uc;AM490697_f_uc_s	AM490697_f_uc_s	0.0168	0
Bacteria;;;GQ246394_p;;GQ246394_c;;GQ246394_o;;GQ246394_f;;GQ246394_f_uc;GQ246394_f_uc_s	GQ246394_f_uc_s	0.0168	0.048
Bacteria;;;GQ246394_p;;GQ246394_c;;GQ246394_o;;GQ246394_o_uc;;GQ246394_o_uc_g;GQ246394_o_uc_s	GQ246394_o_uc_s	0.0168	0
Bacteria;;;GU363019_p;;GU363019_c;;GU363019_o;;GU363019_f;;GU363019_f_uc;GU363019_f_uc_s	GU363019_f_uc_s	0.0168	0
Bacteria;;;JQ817711_p;;JQ817711_c;;JQ817711_o;;JQ817711_f;;JQ817711_f_uc;JQ817711_f_uc_s	JQ817711_f_uc_s	0.0168	0
Bacteria;;;JS1;;JS1_c;;JS1_o;;JS1_f;;JS1_g;AB525475_s	AB525475_s	0.0505	0
Bacteria;;;Lentisphaerae;;GU196224_c;;GQ259262_o;;GQ259262_f;;GQ259262_f_uc;GQ259262_f_uc_s	GQ259262_f_uc_s	0.0168	0
Bacteria;;;Lentisphaerae;;GU196224_c;;GU196224_o;;EF574345_f;;EF574345_f_uc;EF574345_f_uc_s	EF574345_f_uc_s	0.0505	0.145
Bacteria;;;Lentisphaerae;;GU196224_c;;GU196224_o;;EF574345_f;;EF574345_g;EF574345_g_uc	EF574345_g_uc	0	0.024
Bacteria;;;Lentisphaerae;;GU196224_c;;GU196224_o;;EF574345_f;;EF574345_g;HQ703823_s	HQ703823_s	0	0.024
Bacteria;;;Nitrospirae;;Nitrospira_c;;EU335197_o;;EU335197_f;;EU335197_g;GQ246443_s	GQ246443_s	0.0168	0
Bacteria;;;Nitrospirae;;Nitrospira_c;;Nitrospirales;;Nitrospiraceae;;Nitrospira;DQ351808_s	DQ351808_s	0	0.024
Bacteria;;;Nitrospirae;;Nitrospira_c;;Nitrospirales;;Nitrospiraceae;;Nitrospira;EU055608_s	EU055608_s	0	0.339
Bacteria;;;Nitrospirae;;Nitrospira_c;;Nitrospirales;;Nitrospiraceae;;Nitrospira;EU652665_s	EU652665_s	0	0.073
Bacteria;;;Nitrospirae;;Nitrospira_c;;Nitrospirales;;Nitrospiraceae;;Nitrospira;JN596614_s	JN596614_s	0	0.073
Bacteria;;;Nitrospirae;;Nitrospira_c;;Nitrospirales;;Nitrospiraceae;;Nitrospira;JX206626_s	JX206626_s	0	0.048
Bacteria;;;Nitrospirae;;Nitrospira_c;;Nitrospirales;;Nitrospiraceae;;Nitrospira;Nitrospira_uc	Nitrospira_uc	0	0.121
Bacteria;;;Nitrospirae;;Nitrospira_c;;Nitrospirales;;Nitrospiraceae;;Nitrospiraceae_uc;Nitrospiraceae_uc_s	Nitrospiraceae_uc_s	0.0673	0.048
Bacteria;;;Nitrospirae;;Nitrospira_c;;Thermodesulfobivrio_o;;JF747669_f;;EU735014_g;EU385709_s	EU385709_s	0.0673	0
Bacteria;;;Nitrospirae;;Nitrospira_c;;Thermodesulfobivrio_o;;JF747669_f;;EU735014_g;EU735014_g_uc	EU735014_g_uc	0.0673	0
Bacteria;;;Nitrospirae;;Nitrospira_c;;Thermodesulfobivrio_o;;JF747669_f;;JF747669_f_uc;JF747669_f_uc_s	JF747669_f_uc_s	0.3533	0.121
Bacteria;;;Nitrospirae;;Nitrospira_c;;Thermodesulfobivrio_o;;JF747669_f;;JF747669_g;EU491391_s	EU491391_s	0.0337	0
Bacteria;;;Nitrospirae;;Nitrospira_c;;Thermodesulfobivrio_o;;JF747669_f;;JF747669_g;EU734975_s	EU734975_s	0.0505	0

Bacteria;;Nitrospirae;;Nitrospira_c;;Thermodesulfovibrio_o;;JF747669_f;;JF747669_g;;JF747669_g_uc	JF747669_g_uc	0.0337	0
Bacteria;;Nitrospirae;;Nitrospira_c;;Thermodesulfovibrio_o;;Magnetobacterium_f;;Magnetobacterium_f_uc;;Magnetobacterium_f_uc_s	Magnetobacterium_f_uc_s	0.1682	0
Bacteria;;Nitrospirae;;Nitrospira_c;;Thermodesulfovibrio_o;;Thermodesulfovibrio_f;;FR667834_g;;EU617719_s	EU617719_s	0	0.533
Bacteria;;Nitrospirae;;Nitrospira_c;;Thermodesulfovibrio_o;;Thermodesulfovibrio_f;;GQ921458_g;;EU592458_s	EU592458_s	0	0.024
Bacteria;;Nitrospirae;;Nitrospira_c;;Thermodesulfovibrio_o;;Thermodesulfovibrio_f;;Thermodesulfovibrio_f_uc;;Thermodesulfovibrio_f_uc_s	Thermodesulfovibrio_f_uc_s	0.286	0.267
Bacteria;;Nitrospirae;;Nitrospira_c;;Thermodesulfovibrio_o;;Thermodesulfovibrio_o_uc;;Thermodesulfovibrio_o_uc_g;;Thermodesulfovibrio_o_uc_s	Thermodesulfovibrio_o_uc_s	0.0841	0.024
Bacteria;;NKB19;;NKB19_c;;NKB19_o;;NKB19_f;;DQ395545_g;;DQ395545_g_uc	DQ395545_g_uc	0	0.048
Bacteria;;NKB19;;NKB19_c;;NKB19_o;;NKB19_f;;NKB19_f_uc;;NKB19_f_uc_s	NKB19_f_uc_s	0	0.048
Bacteria;;OD1;;EU488087_c;;EU488087_o;;EU488087_f;;EU488087_f_uc;;EU488087_f_uc_s	EU488087_f_uc_s	0	0.024
Bacteria;;OD1;;FJ547054_c;;AB504963_o;;AB504963_o_uc;;AB504963_o_uc_g;;AB504963_o_uc_s	AB504963_o_uc_s	0.0168	0
Bacteria;;OD1;;FJ547054_c;;AM745141_o;;GU197432_f;;GU197432_f_uc;;GU197432_f_uc_s	GU197432_f_uc_s	0	0.048
Bacteria;;OD1;;OD1_c;;OD1_c_uc;;OD1_c_uc_f;;OD1_c_uc_g;;OD1_c_uc_s	OD1_c_uc_s	0.0168	0
Bacteria;;OD1;;OD1_c;;OD1_o;;AB015577_f;;AB015577_f_uc;;AB015577_f_uc_s	AB015577_f_uc_s	0.0337	0.024
Bacteria;;OD1;;OD1_c;;OD1_o;;AB193900_f;;AB193900_f_uc;;AB193900_f_uc_s	AB193900_f_uc_s	0.0337	0
Bacteria;;OD1;;OD1_c;;OD1_o;;AB193900_f;;FJ264776_g;;FJ264776_s	FJ264776_s	0.0168	0
Bacteria;;OD1;;OD1_c;;OD1_o;;AM982633_f;;AM982633_f_uc;;AM982633_f_uc_s	AM982633_f_uc_s	0.0168	0
Bacteria;;OD1;;OD1_c;;OD1_o;;EU245823_f;;EU245823_f_uc;;EU245823_f_uc_s	EU245823_f_uc_s	0.0168	0
Bacteria;;OD1;;OD1_c;;OD1_o;;GQ348056_f;;GQ348056_f_uc;;GQ348056_f_uc_s	GQ348056_f_uc_s	0.0168	0
Bacteria;;OP11;;AF050605_c;;AF050605_o;;DQ811944_f;;DQ811944_f_uc;;DQ811944_f_uc_s	DQ811944_f_uc_s	0.0337	0
Bacteria;;OP11;;DQ404773_c;;DQ404773_c_uc;;DQ404773_c_uc_f;;DQ404773_c_uc_g;;DQ404773_c_uc_s	DQ404773_c_uc_s	0.0168	0
Bacteria;;OP11;;DQ404773_c;;DQ404773_o;;DQ404773_f;;DQ404773_f_uc;;DQ404773_f_uc_s	DQ404773_f_uc_s	0.0168	0
Bacteria;;OP11;;FJ746304_c;;FJ746304_o;;FJ746304_o_uc;;FJ746304_o_uc_g;;FJ746304_o_uc_s	FJ746304_o_uc_s	0.0168	0
Bacteria;;OP11;;HQ183952_c;;DQ811942_o;;DQ811942_f;;DQ811942_f_uc;;DQ811942_f_uc_s	DQ811942_f_uc_s	0.0168	0
Bacteria;;OP11;;HQ183952_c;;EU386083_o;;EU386083_o_uc;;EU386083_o_uc_g;;EU386083_o_uc_s	EU386083_o_uc_s	0.0168	0
Bacteria;;OP3;;FP245540_c;;FP245538_o;;FP245538_f;;FP245538_f_uc;;FP245538_f_uc_s	FP245538_f_uc_s	0.0168	0
Bacteria;;OP3;;FP245540_c;;FP245540_o;;FP245540_f;;FP245540_f_uc;;FP245540_f_uc_s	FP245540_f_uc_s	0.0168	0
Bacteria;;OP3;;FP245540_c;;FP245540_o;;GU472720_f;;GU180187_g;;GU180187_g_uc	GU180187_g_uc	0.0168	0
Bacteria;;OP3;;FP245540_c;;FP245540_o;;GU472720_f;;GU472720_f_uc;;GU472720_f_uc_s	GU472720_f_uc_s	0.0168	0
Bacteria;;OP3;;HM243796_c;;HM243796_o;;AB015559_f;;AB015559_f_uc;;AB015559_f_uc_s	AB015559_f_uc_s	0.0168	0.024
Bacteria;;OP3;;HM243796_c;;HM243796_o;;AB015559_f;;AB015559_g;;AB015559_g_uc	AB015559_g_uc	0.0337	0
Bacteria;;OP8;;OP8_c;;HQ588586_o;;HQ588586_f;;HQ588586_f_uc;;HQ588586_f_uc_s	HQ588586_f_uc_s	0	0.024
Bacteria;;OP8;;OP8_c;;OP8_c_uc;;OP8_c_uc_f;;OP8_c_uc_g;;OP8_c_uc_s	OP8_c_uc_s	0.0168	0
Bacteria;;OP8;;OP8_c;;OP8_o;;OP8_f;;AQSP_g;4P004969_s	4P004969_s	0.1346	0
Bacteria;;OP8;;OP8_c;;OP8_o;;OP8_f;;AQSP_g;AJ704718_s	AJ704718_s	0.0168	0
Bacteria;;OP8;;OP8_c;;OP8_o;;OP8_f;;AQSP_g;AM889144_s	AM889144_s	0.0168	0.024
Bacteria;;OP8;;OP8_c;;OP8_o;;OP8_f;;AQSP_g;AQSP_g_uc	AQSP_g_uc	0.1514	0.024
Bacteria;;OP8;;OP8_c;;OP8_o;;OP8_f;;AQSP_g;AY704402_s	AY704402_s	0.0168	0
Bacteria;;OP8;;OP8_c;;OP8_o;;OP8_f;;AQSP_g;DQ394925_s	DQ394925_s	0.0505	0
Bacteria;;OP8;;OP8_c;;OP8_o;;OP8_f;;AQSP_g;DQ394934_s	DQ394934_s	0.0841	0.024
Bacteria;;OP8;;OP8_c;;OP8_o;;OP8_f;;AQSP_g;EU488144_s	EU488144_s	0.0337	0

Bacteria;;;OP8;;OP8_c;;OP8_o;;OP8_f;;AQSP_g;EU488417_s	EU488417_s	0.0841	0
Bacteria;;;OP8;;OP8_c;;OP8_o;;OP8_f;;AQSP_g;GQ143758_s	GQ143758_s	0.0168	0.024
Bacteria;;;OP8;;OP8_c;;OP8_o;;OP8_f;;AQSP_g;JF344576_s	JF344576_s	0.1009	0.024
Bacteria;;;OP8;;OP8_c;;OP8_o;;OP8_f;;AQSP_g;JN230219_s	JN230219_s	0.0168	0
Bacteria;;;OP8;;OP8_c;;OP8_o;;OP8_f;;AQSP_g;JX391294_s	JX391294_s	0.0168	0
Bacteria;;;OP8;;OP8_c;;OP8_o;;OP8_f;;OP8_f_uc;OP8_f_uc_s	OP8_f_uc_s	0.1178	0.024
Bacteria;;;OP8;;OP8_c;;OP8_o;;OP8_o_uc;;OP8_o_uc_g;OP8_o_uc_s	OP8_o_uc_s	0.0168	0
Bacteria;;;Planctomycetes;;AY532588_c;;AY532588_o;;AM056027_f;;AM056027_f_uc;AM056027_f_uc_s	AM056027_f_uc	0.0168	0.048
Bacteria;;;Planctomycetes;;AY532588_c;;AY532588_o;;AM056027_f;;EU478641_g;EU478641_g_uc	EU478641_g_uc	0	0.048
Bacteria;;;Planctomycetes;;AY532588_c;;AY532588_o;;AY532588_o_uc;;AY532588_o_uc_g;AY532588_o_uc_s	AY532588_o_uc	0	0.024
Bacteria;;;Planctomycetes;;AY532588_c;;AY532588_o;;FJ712535_f;;FJ712535_f_uc;FJ712535_f_uc_s	FJ712535_f_uc_s	0	0.024
Bacteria;;;Planctomycetes;;Brocadia_c;;Brocadia_o;;Brocadia_o_uc;;Brocadia_o_uc_g;Brocadia_o_uc_s	Brocadia_o_uc_s	0.0168	0
Bacteria;;;Planctomycetes;;Brocadia_c;;Brocadia_o;;Scalindua_f;;Scalindua;DQ869384_s	DQ869384_s	0	0.024
Bacteria;;;Planctomycetes;;Brocadia_c;;DQ811902_o;;DQ811902_o_uc;;DQ811902_o_uc_g;DQ811902_o_uc_s	DQ811902_o_uc	0	0.024
Bacteria;;;Planctomycetes;;Brocadia_c;;EU290720_o;;DQ521803_f;;DQ521803_f_uc;DQ521803_f_uc_s	DQ521803_f_uc	0.0168	0
Bacteria;;;Planctomycetes;;Brocadia_c;;GU145499_o;;GU145499_f;;GU145499_f_uc;GU145499_f_uc_s	GU145499_f_uc	0	0.218
Bacteria;;;Planctomycetes;;Brocadia_c;;GU145499_o;;GU145499_f;;GU145499_g;GU145499_g_uc	GU145499_g_uc	0	0.024
Bacteria;;;Planctomycetes;;Brocadia_c;;GU145499_o;;GU145499_o_uc;;GU145499_o_uc_g;GU145499_o_uc_s	GU145499_o_uc	0	0.024
Bacteria;;;Planctomycetes;;FN820300_c;;FN820300_o;;FN820300_f;;FN820300_g;AB530245_s	AB530245_s	0.0168	0
Bacteria;;;Planctomycetes;;HQ681992_c;;EU050866_o;;EU050866_f;;EU050866_f_uc;EU050866_f_uc_s	EU050866_f_uc_s	0	0.024
Bacteria;;;Planctomycetes;;HQ681992_c;;EU589258_o;;EU589258_f;;EU589258_f_uc;EU589258_f_uc_s	EU589258_f_uc_s	0	0.024
Bacteria;;;Planctomycetes;;HQ681992_c;;EU589258_o;;EU589258_o_uc;;EU589258_o_uc_g;EU589258_o_uc_s	EU589258_o_uc	0.0168	0
Bacteria;;;Planctomycetes;;HQ681992_c;;EU589258_o;;GQ250612_f;;GQ250612_f_uc;GQ250612_f_uc_s	GQ250612_f_uc	0	0.048
Bacteria;;;Planctomycetes;;JN475307_c;;JN475307_o;;JN475307_o_uc;;JN475307_o_uc_g;JN475307_o_uc_s	JN475307_o_uc_s	0.0168	0
Bacteria;;;Planctomycetes;;OM190_c;;OM190_o;;AF407728_f;;AF407728_f_uc;AF407728_f_uc_s	AF407728_f_uc_s	0	0.218
Bacteria;;;Planctomycetes;;OM190_c;;OM190_o;;AF407728_f;;AF407728_g;AF407728_g_uc	AF407728_g_uc	0	0.048
Bacteria;;;Planctomycetes;;OM190_c;;OM190_o;;AF407728_f;;EF208657_g;JF809791_s	JF809791_s	0	0.024
Bacteria;;;Planctomycetes;;OM190_c;;OM190_o;;OM190_f;;OM190_f_uc;OM190_f_uc_s	OM190_f_uc_s	0	0.097
Bacteria;;;Planctomycetes;;OM190_c;;OM190_o;;OM190_f;;OM190_g;OM190_g_uc	OM190_g_uc	0	0.024
Bacteria;;;Planctomycetes;;OM190_c;;OM190_o;;OM190_o_uc;;OM190_o_uc_g;OM190_o_uc_s	OM190_o_uc_s	0	0.048
Bacteria;;;Planctomycetes;;Phycisphaerae;;HQ697838_o;;EU246070_f;;EU246070_f_uc;EU246070_f_uc_s	EU246070_f_uc_s	0.0168	0.024
Bacteria;;;Planctomycetes;;Phycisphaerae;;HQ697838_o;;HM066343_f;;FJ205216_g;FJ205216_g_uc	FJ205216_g_uc	0.0168	0
Bacteria;;;Planctomycetes;;Phycisphaerae;;HQ697838_o;;HM066343_f;;FJ205216_g;GQ246412_s	GQ246412_s	0	0.048
Bacteria;;;Planctomycetes;;Phycisphaerae;;HQ697838_o;;HM066343_f;;HM066343_f_uc;HM066343_f_uc_s	HM066343_f_uc	0.0505	0.145
Bacteria;;;Planctomycetes;;Phycisphaerae;;HQ697838_o;;HM066343_f;;HM066343_g;HM066343_g_uc	HM066343_g_uc	0	0.024
Bacteria;;;Planctomycetes;;Phycisphaerae;;HQ697838_o;;HQ697838_f;;HQ697838_f_uc;HQ697838_f_uc_s	HQ697838_f_uc	0.0505	0.121

Bacteria;;;Planctomycetes;;Phycisphaerae;;HQ697838_o;;HQ697838_f;;HQ697838_g;AB530247_s	AB530247_s	0	0.242
Bacteria;;;Planctomycetes;;Phycisphaerae;;HQ697838_o;;HQ697838_f;;HQ697838_g;EU048679_s	EU048679_s	0.0337	0
Bacteria;;;Planctomycetes;;Phycisphaerae;;HQ697838_o;;HQ697838_f;;HQ697838_g;EU385701_s	EU385701_s	0	0.024
Bacteria;;;Planctomycetes;;Phycisphaerae;;HQ697838_o;;HQ697838_f;;HQ697838_g;EU735003_s	EU735003_s	0	0.048
Bacteria;;;Planctomycetes;;Phycisphaerae;;HQ697838_o;;HQ697838_f;;HQ697838_g;HQ697838_g_uc	HQ697838_g_uc	0.0505	0.121
Bacteria;;;Planctomycetes;;Phycisphaerae;;HQ697838_o;;HQ697838_f;;HQ697838_g;JN123561_s	JN123561_s	0.0168	0
Bacteria;;;Planctomycetes;;Phycisphaerae;;HQ697838_o;;HQ697838_o_uc;;HQ697838_o_uc_g;HQ697838_o_uc_s	HQ697838_o_uc	0.0337	0.097
Bacteria;;;Planctomycetes;;Phycisphaerae;;Phycisphaerae_uc;;Phycisphaerae_uc_f;;Phycisphaerae_uc_g;Phycisphaerae_uc_s	Phycisphaerae_uc	0.0505	0.024
Bacteria;;;Planctomycetes;;Phycisphaerae;;Phycisphaerales;;FJ936783_f;;FJ936783_f_uc;FJ936783_f_uc_s	FJ936783_f_uc_s	0	0.048
Bacteria;;;Planctomycetes;;Phycisphaerae;;Phycisphaerales;;Phycisphaeraeaceae;;AJ966588_g;AJ966588_g_uc	AJ966588_g_uc	0	0.048
Bacteria;;;Planctomycetes;;Phycisphaerae;;Phycisphaerales;;Phycisphaeraeaceae;;AJ966588_g;EU617891_s	EU617891_s	0.0168	0.097
Bacteria;;;Planctomycetes;;Phycisphaerae;;Phycisphaerales;;Phycisphaeraeaceae;;EU050951_g;EU050951_s	EU050951_s	0	0.024
Bacteria;;;Planctomycetes;;Phycisphaerae;;Phycisphaerales;;Phycisphaeraeaceae;;EU491354_g;EU491354_g_uc	EU491354_g_uc	0	0.024
Bacteria;;;Planctomycetes;;Phycisphaerae;;Phycisphaerales;;Phycisphaeraeaceae;;HM446087_g;4P004385_s	4P004385_s	0.0337	0
Bacteria;;;Planctomycetes;;Phycisphaerae;;Phycisphaerales;;Phycisphaeraeaceae;;HM446087_g;4P005829_s	4P005829_s	0	0.024
Bacteria;;;Planctomycetes;;Phycisphaerae;;Phycisphaerales;;Phycisphaeraeaceae;;HM446087_g;HM446087_g_uc	HM446087_g_uc	0	0.097
Bacteria;;;Planctomycetes;;Phycisphaerae;;Phycisphaerales;;Phycisphaeraeaceae;;Phycisphaeraeaceae_uc;Phycisphaeraeaceae_uc_s	Phycisphaeraeaceae	0	0.412
Bacteria;;;Planctomycetes;;Planctomycetacia;;Planctomycetacia_uc;;Planctomycetacia_uc_f;;Planctomycetacia_uc_g;Planctomycetacia_uc_s	Planctomycetacia	0.0168	0
Bacteria;;;Planctomycetes;;Planctomycetacia;;Planctomycetacia;;Planctomycetacia_uc;;Planctomycetacia_uc_f;;Planctomycetacia_uc_g;AB630886_g;AB630886_g_uc	AB630886_g_uc	0.0168	0
Bacteria;;;Planctomycetes;;Planctomycetacia;;Planctomycetacia;;Planctomycetacia_uc;;Planctomycetacia_uc_f;;Planctomycetacia_uc_g;AJ231182_g;AJ231182_g_uc	AJ231182_g_uc	0	0.048
Bacteria;;;Planctomycetes;;Planctomycetacia;;Planctomycetacia;;Planctomycetacia_uc;;Planctomycetacia_uc_f;;Planctomycetacia_uc_g;AJ306765_g;AJ306765_g_uc	AJ306765_g_uc	0	0.024
Bacteria;;;Planctomycetes;;Planctomycetacia;;Planctomycetacia;;Planctomycetacia_uc;;Planctomycetacia_uc_f;;Planctomycetacia_uc_g;AJ306767_g;AJ306767_g_uc	AJ306767_g_uc	0	0.048
Bacteria;;;Planctomycetes;;Planctomycetacia;;Planctomycetacia;;Planctomycetacia_uc;;Planctomycetacia_uc_f;;Planctomycetacia_uc_g;AY704401_s	AY704401_s	0	0.024
Bacteria;;;Planctomycetes;;Planctomycetacia;;Planctomycetacia;;Planctomycetacia_uc;;Planctomycetacia_uc_f;;Planctomycetacia_uc_g;AM040104_g;AM040104_s	AM040104_s	0	0.024
Bacteria;;;Planctomycetes;;Planctomycetacia;;Planctomycetacia;;Planctomycetacia_uc;;Planctomycetacia_uc_f;;Planctomycetacia_uc_g;AM086149_g;AM086149_g_uc	AM086149_g_uc	0	0.024
Bacteria;;;Planctomycetes;;Planctomycetacia;;Planctomycetacia;;Planctomycetacia_uc;;Planctomycetacia_uc_f;;Planctomycetacia_uc_g;AM997801_g;AM997801_g_uc	AM997801_g_uc	0	0.024
Bacteria;;;Planctomycetes;;Planctomycetacia;;Planctomycetacia;;Planctomycetacia_uc;;Planctomycetacia_uc_f;;Planctomycetacia_uc_g;Bythopirellula;Bythopirellula_uc	Bythopirellula_uc	0.0168	0.145
Bacteria;;;Planctomycetes;;Planctomycetacia;;Planctomycetacia;;Planctomycetacia_uc;;Planctomycetacia_uc_f;;Planctomycetacia_uc_g;JN672634_s	JN672634_s	0	0.048
Bacteria;;;Planctomycetes;;Planctomycetacia;;Planctomycetacia;;Planctomycetacia_uc;;Planctomycetacia_uc_f;;Planctomycetacia_uc_g;4P003170_s	4P003170_s	0	0.048
Bacteria;;;Planctomycetes;;Planctomycetacia;;Planctomycetacia;;Planctomycetacia_uc;;Planctomycetacia_uc_f;;Planctomycetacia_uc_g;DQ394930_g;DQ394930_g_uc	DQ394930_g_uc	0.0168	0.024
Bacteria;;;Planctomycetes;;Planctomycetacia;;Planctomycetacia;;Planctomycetacia_uc;;Planctomycetacia_uc_f;;Planctomycetacia_uc_g;GQ246406_s	GQ246406_s	0	0.024

Bacteria;;;Planctomycetes;;;Planctomycetacia;;;Planctomycetales;;;Planctomycetaceae;;;DQ395014_g ;DQ395014_g_uc	DQ395014_g_uc	0.0168	0.024
Bacteria;;;Planctomycetes;;;Planctomycetacia;;;Planctomycetales;;;Planctomycetaceae;;;DQ396265_g ;DQ396265_g_uc	DQ396265_g_uc	0	0.048
Bacteria;;;Planctomycetes;;;Planctomycetacia;;;Planctomycetales;;;Planctomycetaceae;;;DQ396265_g ;HQ721408_s	HQ721408_s	0.0841	0.048
Bacteria;;;Planctomycetes;;;Planctomycetacia;;;Planctomycetales;;;Planctomycetaceae;;;DQ811898_g ;DQ811898_g_uc	DQ811898_g_uc	0	0.048
Bacteria;;;Planctomycetes;;;Planctomycetacia;;;Planctomycetales;;;Planctomycetaceae;;;DQ811898_g ;DQ811898_s	DQ811898_s	0	0.024
Bacteria;;;Planctomycetes;;;Planctomycetacia;;;Planctomycetales;;;Planctomycetaceae;;;EF123574_g; EF123574_g_uc	EF123574_g_uc	0.0168	0.024
Bacteria;;;Planctomycetes;;;Planctomycetacia;;;Planctomycetales;;;Planctomycetaceae;;;EF123574_g; EF123574_s	EF123574_s	0	0.024
Bacteria;;;Planctomycetes;;;Planctomycetacia;;;Planctomycetales;;;Planctomycetaceae;;;EF125400_g; EF125400_s	EF125400_s	0	0.024
Bacteria;;;Planctomycetes;;;Planctomycetacia;;;Planctomycetales;;;Planctomycetaceae;;;EF125400_g; FJ203078_s	FJ203078_s	0	0.048
Bacteria;;;Planctomycetes;;;Planctomycetacia;;;Planctomycetales;;;Planctomycetaceae;;;EF125439_g; EF125439_g_uc	EF125439_g_uc	0	0.024
Bacteria;;;Planctomycetes;;;Planctomycetacia;;;Planctomycetales;;;Planctomycetaceae;;;EF125439_g; EF125439_s	EF125439_s	0	0.024
Bacteria;;;Planctomycetes;;;Planctomycetacia;;;Planctomycetales;;;Planctomycetaceae;;;EF208688_g; EF208688_g_uc	EF208688_g_uc	0	0.048
Bacteria;;;Planctomycetes;;;Planctomycetacia;;;Planctomycetales;;;Planctomycetaceae;;;EF208715_g; EF208715_g_uc	EF208715_g_uc	0.0168	0.024
Bacteria;;;Planctomycetes;;;Planctomycetacia;;;Planctomycetales;;;Planctomycetaceae;;;EF591886_g; EF591886_g_uc	EF591886_g_uc	0.0168	0
Bacteria;;;Planctomycetes;;;Planctomycetacia;;;Planctomycetales;;;Planctomycetaceae;;;EU385884_g; EU385884_g_uc	EU385884_g_uc	0	0.024
Bacteria;;;Planctomycetes;;;Planctomycetacia;;;Planctomycetales;;;Planctomycetaceae;;;EU385884_g; EU385884_s	EU385884_s	0	0.024
Bacteria;;;Planctomycetes;;;Planctomycetacia;;;Planctomycetales;;;Planctomycetaceae;;;EU491467_g; EU491125_s	EU491125_s	0	0.024
Bacteria;;;Planctomycetes;;;Planctomycetacia;;;Planctomycetales;;;Planctomycetaceae;;;EU491467_g; EU491467_g_uc	EU491467_g_uc	0.0337	0.048
Bacteria;;;Planctomycetes;;;Planctomycetacia;;;Planctomycetales;;;Planctomycetaceae;;;EU491467_g; HQ153945_s	HQ153945_s	0.0505	0
Bacteria;;;Planctomycetes;;;Planctomycetacia;;;Planctomycetales;;;Planctomycetaceae;;;EU491549_g; EU491549_g_uc	EU491549_g_uc	0	0.048
Bacteria;;;Planctomycetes;;;Planctomycetacia;;;Planctomycetales;;;Planctomycetaceae;;;EU491629_g; EU491629_g_uc	EU491629_g_uc	0	0.024
Bacteria;;;Planctomycetes;;;Planctomycetacia;;;Planctomycetales;;;Planctomycetaceae;;;EU491663_g; FJ203525_s	FJ203525_s	0	0.024
Bacteria;;;Planctomycetes;;;Planctomycetacia;;;Planctomycetales;;;Planctomycetaceae;;;EU734992_g; EU734992_g_uc	EU734992_g_uc	0	0.024
Bacteria;;;Planctomycetes;;;Planctomycetacia;;;Planctomycetales;;;Planctomycetaceae;;;EU734992_g; GU362994_s	GU362994_s	0	0.073
Bacteria;;;Planctomycetes;;;Planctomycetacia;;;Planctomycetales;;;Planctomycetaceae;;;FJ542976_g; AM040106_s	AM040106_s	0	0.024
Bacteria;;;Planctomycetes;;;Planctomycetacia;;;Planctomycetales;;;Planctomycetaceae;;;FJ542976_g; FJ542976_g_uc	FJ542976_g_uc	0.0168	0.17
Bacteria;;;Planctomycetes;;;Planctomycetacia;;;Planctomycetales;;;Planctomycetaceae;;;FJ623335_g; GQ250623_s	GQ250623_s	0	0.048
Bacteria;;;Planctomycetes;;;Planctomycetacia;;;Planctomycetales;;;Planctomycetaceae;;;GQ397017_g ;EF591889_s	EF591889_s	0	0.024
Bacteria;;;Planctomycetes;;;Planctomycetacia;;;Planctomycetales;;;Planctomycetaceae;;;GQ397017_g ;GQ397017_g_uc	GQ397017_g_uc	0	0.024
Bacteria;;;Planctomycetes;;;Planctomycetacia;;;Planctomycetales;;;Planctomycetaceae;;;GQ487921_g ;EU488059_s	EU488059_s	0	0.048
Bacteria;;;Planctomycetes;;;Planctomycetacia;;;Planctomycetales;;;Planctomycetaceae;;;GQ487921_g ;GQ487921_g_uc	GQ487921_g_uc	0	0.048

Bacteria;;Planctomycetes;;Planctomycetacia;;Planctomycetales;;Planctomycetaceae;;GQ487921_g ;JN533146_s	JN533146_s	0	0.024
Bacteria;;Planctomycetes;;Planctomycetacia;;Planctomycetales;;Planctomycetaceae;;GU118237_g ;GU118237_s	GU118237_s	0	0.073
Bacteria;;Planctomycetes;;Planctomycetacia;;Planctomycetales;;Planctomycetaceae;;GU118237_g ;GU118263_s	GU118263_s	0	0.024
Bacteria;;Planctomycetes;;Planctomycetacia;;Planctomycetales;;Planctomycetaceae;;GU362992_g ;GU362992_g_uc	GU362992_g_uc	0	0.024
Bacteria;;Planctomycetes;;Planctomycetacia;;Planctomycetales;;Planctomycetaceae;;HQ397467_g ;GU118276_s	GU118276_s	0	0.024
Bacteria;;Planctomycetes;;Planctomycetacia;;Planctomycetales;;Planctomycetaceae;;HQ397467_g ;HQ397467_g_uc	HQ397467_g_uc	0.0168	0.048
Bacteria;;Planctomycetes;;Planctomycetacia;;Planctomycetales;;Planctomycetaceae;;HQ397467_g ;JQ269310_s	JQ269310_s	0	0.073
Bacteria;;Planctomycetes;;Planctomycetacia;;Planctomycetales;;Planctomycetaceae;;HQ845450_g ;4P005489_s	4P005489_s	0	0.048
Bacteria;;Planctomycetes;;Planctomycetacia;;Planctomycetales;;Planctomycetaceae;;HQ845450_g ;4P006056_s	4P006056_s	0	0.097
Bacteria;;Planctomycetes;;Planctomycetacia;;Planctomycetales;;Planctomycetaceae;;HQ845450_g ;AY907796_s	AY907796_s	0	0.048
Bacteria;;Planctomycetes;;Planctomycetacia;;Planctomycetales;;Planctomycetaceae;;HQ845450_g ;DQ289930_s	DQ289930_s	0	0.024
Bacteria;;Planctomycetes;;Planctomycetacia;;Planctomycetales;;Planctomycetaceae;;HQ845450_g ;DQ396010_s	DQ396010_s	0	0.024
Bacteria;;Planctomycetes;;Planctomycetacia;;Planctomycetales;;Planctomycetaceae;;HQ845450_g ;DQ889893_s	DQ889893_s	0	0.073
Bacteria;;Planctomycetes;;Planctomycetacia;;Planctomycetales;;Planctomycetaceae;;HQ845450_g ;HQ845450_g_uc	HQ845450_g_uc	0.0337	0.17
Bacteria;;Planctomycetes;;Planctomycetacia;;Planctomycetales;;Planctomycetaceae;;HQ845450_g ;JQ580060_s	JQ580060_s	0	0.048
Bacteria;;Planctomycetes;;Planctomycetacia;;Planctomycetales;;Planctomycetaceae;;JF344298_g;J F344298_g_uc	JF344298_g_uc	0	0.121
Bacteria;;Planctomycetes;;Planctomycetacia;;Planctomycetales;;Planctomycetaceae;;JF344298_g;J F344298_s	JF344298_s	0	0.024
Bacteria;;Planctomycetes;;Planctomycetacia;;Planctomycetales;;Planctomycetaceae;;JF344298_g;J Q579650_s	JQ579650_s	0	0.048
Bacteria;;Planctomycetes;;Planctomycetacia;;Planctomycetales;;Planctomycetaceae;;Planctomycet aceae_uc;Planctomycetaceae_uc_s	Planctomycetaceae	0.4038	3.515
Bacteria;;Planctomycetes;;Planctomycetacia;;Planctomycetales;;Planctomycetaceae;;Rhodopirellul a;AB294955_s	AB294955_s	0	0.073
Bacteria;;Planctomycetes;;Planctomycetacia;;Planctomycetales;;Planctomycetaceae;;Rhodopirellul a;DQ903990_s	DQ903990_s	0	0.048
Bacteria;;Planctomycetes;;Planctomycetacia;;Planctomycetales;;Planctomycetaceae;;Rhodopirellul a;FJ626909_s	FJ626909_s	0	0.073
Bacteria;;Planctomycetes;;Planctomycetacia;;Planctomycetales;;Planctomycetaceae;;Rhodopirellul a;Rhodopirellula_uc	Rhodopirellula_uc	0	0.267
Bacteria;;Planctomycetes;;Planctomycetacia;;Planctomycetales;;Planctomycetaceae;;X81942_g;X 81942_g_uc	X81942_g_uc	0	0.073
Bacteria;;Planctomycetes;;Planctomycetacia;;Planctomycetales;;Planctomycetales_uc;;Planctomyc etales_uc_g;Planctomycetales_uc_s	Planctomycetales	0.0168	0.048
Bacteria;;Planctomycetes;;Planctomycetes_uc;;Planctomycetes_uc_o;;Planctomycetes_uc_f;;Planc tomycetes_uc_g;Planctomycetes_uc_s	Planctomycetes_u	0.0168	0
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Caulobacterales;;Caulobacteraceae;;Caulobacterace ae_uc;Caulobacteraceae_uc_s	Caulobacteraceae	0.0168	0
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Caulobacterales;;Caulobacterales_uc;;Caulobactera les_uc_g;Caulobacterales_uc_s	Caulobacterales_u	0.0168	0
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Kordiimonadales;;DQ486506_f;;DQ486506_f_uc; DQ486506_f_uc_s	DQ486506_f_uc	0	0.024
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Micavibrio_o;;Micavibrio_f;;DQ395494_g;EF092 222_s	EF092222_s	0.0168	0
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Parvularculales;;Parvularculaceae;;EU851414_g;E U851414_g_uc	EU851414_g_uc	0	0.097

Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Parvularculales;;Parvularculaceae;;EU851414_g;E U851414_s	EU851414_s	0	0.121
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Parvularculales;;Parvularculaceae;;EU851414_g;F J203521_s	FJ203521_s	0	0.024
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Parvularculales;;Parvularculaceae;;Parvularculacea e_uc;Parvularculaceae_uc_s	Parvularculaceae_	0	0.048
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;AF280843_f;;AF280843_f_uc;AF280 843_f_uc_s	AF280843_f_uc_s	0	0.024
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Afifella_f;;Afifella_f_uc;Afifella_f_u c_s	Afifella_f_uc_s	0.0168	0.048
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;AM997334_f;;AM997334_f_uc;AM9 97334_f_uc_s	AM997334_f_uc_	0.0841	0.533
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;AM997334_f;;AM997334_g;AM997 334_g_uc	AM997334_g_uc	0.0505	0.606
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;AM997334_f;;AM997334_g;EU4916 28_s	EU491628_s	0	0.024
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;AM997334_f;;AM997334_g;FJ2034 88_s	FJ203488_s	0	0.048
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;AM997334_f;;AY942776_g;AY9427 76_g_uc	AY942776_g_uc	0	0.339
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;AM997334_f;;AY942776_g;AY9427 76_s	AY942776_s	0	0.073
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;AM997334_f;;DQ395471_g;DQ3954 71_g_uc	DQ395471_g_uc	0	0.024
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;AM997334_f;;DQ395499_g;DQ3954 99_g_uc	DQ395499_g_uc	0	0.364
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;AM997334_f;;DQ395499_g;DQ3954 99_s	DQ395499_s	0.0168	0.509
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;AM997334_f;;DQ395499_g;FJ99960 8_s	FJ999608_s	0	0.073
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;AM997334_f;;DQ395499_g;FM2423 67_s	FM242367_s	0.0168	1.503
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;AM997334_f;;EU491330_g;EU4913 30_g_uc	EU491330_g_uc	0.0337	0.073
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;AM997334_f;;EU491404_g;EU4914 04_s	EU491404_s	0.1009	0
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;AM997334_f;;FJ203222_g;FJ203222 g_uc	FJ203222_g_uc	0.0337	0.024
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;AM997334_f;;FJ203222_g;FJ203222 s	FJ203222_s	0	0.048
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;AM997334_f;;FJ545574_g;FJ545574 g_uc	FJ545574_g_uc	0.0168	0
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;AM997334_f;;GQ246350_g;GQ2463 50_g_uc	GQ246350_g_uc	0	0.024
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;AM997334_f;;JF514252_g;JF514252 g_uc	JF514252_g_uc	0.0673	0.073
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Anderseniella_f;;Anderseniella;Ander seniella_uc	Anderseniella_uc	0.0337	0.048
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Anderseniella_f;;Anderseniella;DQ35 1777_s	DQ351777_s	0.0168	0.121
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Anderseniella_f;;Anderseniella_f_uc; Anderseniella_f_uc_s	Anderseniella_f_u	0	0.073
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Aurantimonadaceae;;Aurantimonadac eae_uc;Aurantimonadaceae_uc_s	Aurantimonadaceae	0	0.024
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Bauldia_f;;Bauldia;Bauldia_uc	Bauldia_uc	0	0.242
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Bauldia_f;;Bauldia;EU050753_s	EU050753_s	0	0.097
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Bauldia_f;;Bauldia;EU617827_s	EU617827_s	0	0.048
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Bauldia_f;;Bauldia_f_uc;Bauldia_f_u c_s	Bauldia_f_uc_s	0.0168	0.048
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Bradyrhizobiaceae;;Pseudolabrys;FJ4 78629_s	FJ478629_s	0	0.024

Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Bradyrhizobiaceae;;Pseudolabrys;Pseudolabrys_uc	Pseudolabrys_uc	0	0.024
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Cohaesibacteraceae;;Cohaesibacteraceae_uc;Cohaesibacteraceae_uc_s	Cohaesibacteraceae_uc	0	0.145
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Cohaesibacteraceae;;DQ889902_g;DQ889902_g_uc	DQ889902_g_uc	0	0.073
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Cohaesibacteraceae;;JF514260_g;GQ259256_s	GQ259256_s	0	0.048
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Cohaesibacteraceae;;JF514260_g;JF514260_g_uc	JF514260_g_uc	0	0.218
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Cohaesibacteraceae;;JF514260_g;JF514260_s	JF514260_s	0	0.242
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Cohaesibacteraceae;;Pseudahrensia;FN553443_s	FN553443_s	0	0.048
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Devosia_f;Devosia_f_uc;Devosia_f_uc_s	Devosia_f_uc_s	0	0.073
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;EF574506_f;EF574506_f_uc;EF574506_f_uc_s	EF574506_f_uc_s	0	0.024
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;FJ202622_f;FJ202622_f_uc;FJ202622_f_uc_s	FJ202622_f_uc_s	0	0.024
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;FJ202622_f;FJ202622_g;FJ202622_g_uc	FJ202622_g_uc	0	0.024
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;FJ479444_f;FJ479444_f_uc;FJ479444_f_uc_s	FJ479444_f_uc_s	0.0168	0
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;HM057812_f;HM057812_g;HM057812_g_uc	HM057812_g_uc	0	0.121
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Hyphomicrobiaceae;;DQ811854_g;DQ811854_s	DQ811854_s	0	0.048
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Hyphomicrobiaceae;;Filomicrobium;Filomicrobium_uc	Filomicrobium_uc	0.0168	0.048
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Hyphomicrobiaceae;;Filomicrobium;FJ455876_s	FJ455876_s	0	0.024
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Hyphomicrobiaceae;;GQ500792_g;GQ500792_g_uc	GQ500792_g_uc	0	0.194
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Hyphomicrobiaceae;;Hyphomicrobiaceae_uc;Hyphomicrobiaceae_uc_s	Hyphomicrobiaceae_uc	0	0.218
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Hyphomicrobiaceae;;Hyphomicrobium;FJ197410_s	FJ197410_s	1.4637	0.291
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Hyphomicrobiaceae;;Hyphomicrobium;Hyphomicrobium_uc	Hyphomicrobium_uc	0.0168	0.145
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Hyphomicrobiaceae;;Methyloceanibacter;Methyloceanibacter caenitepidi	Methyloceanibacter	0	0.121
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Hyphomicrobiaceae;;Methyloligella;AB015245_s	AB015245_s	0.0168	0
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Hyphomicrobiaceae;;Methyloligella;AB240235_s	AB240235_s	0.5047	0.339
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Hyphomicrobiaceae;;Methyloligella;EF632942_s	EF632942_s	0	0.024
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Hyphomicrobiaceae;;Methyloligella;FM211779_s	FM211779_s	0.0505	2.327
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Hyphomicrobiaceae;;Methyloligella;Methyloligella_uc	Methyloligella_uc	0.0168	0.291
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Methylobacteriaceae;;GQ249556_g;GQ249556_g_uc	GQ249556_g_uc	0	0.073
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Methylobacteriaceae;;GQ249556_g;JF183815_s	JF183815_s	0	0.024
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Methylobacteriaceae;;Methylobacteriaceae_uc;Methylobacteriaceae_uc_s	Methylobacteriaceae_uc	0	0.024
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Methylobacteriaceae;;Microvirga;Microvirga aerilata	Microvirga aerilata	0	0.024
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Methylocystaceae;;Methylocystis;Methylosinus sporium	Methylosinus sporium	0	0.048

Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Parvibaculum_f;;Parvibaculum_f_uc; Parvibaculum_f_uc_s	Parvibaculum_f_u	0.0168	0.073
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Phyllobacteriaceae;;Hoefflea;EF123312_s	EF123312_s	0	0.364
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Phyllobacteriaceae;;Hoefflea;Hoefflea_uc	Hoefflea_uc	0	0.024
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Phyllobacteriaceae;;Phyllobacteriaceae_uc;Phyllobacteriaceae_uc_s	Phyllobacteriaceae	0	0.024
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Prosthecomicrobium_f;;Prosthecomicrobium_f_uc;Prosthecomicrobium_f_uc_s	Prosthecomicrobiu	0.0168	0
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Rhodobiaceae;;Rhodobiaceae_uc;Rhodobiaceae_uc_s	Rhodobiaceae_uc	0	0.048
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Rhodobiaceae;;Tepidamorphus;Tepidamorphus_uc	Tepidamorphus_u	0.0505	0.024
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Rhodoligotrophos_f;;AF370880_g;EU234324_s	EU234324_s	0	0.024
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhizobiales;;Rhodoligotrophos_f;;FJ479146_g;FJ479146_s	FJ479146_s	0	0.024
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Hyphomonadaceae;;Hyphomonadaceae_uc;Hyphomonadaceae_uc_s	Hyphomonadaceae	0	0.024
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacteraceae;;4P001532_g;4P001532_s	4P001532_s	0	0.048
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacteraceae;;AY258094_g;AB491826_s	AB491826_s	0	0.364
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacteraceae;;AY258094_g;AY258094_g_uc	AY258094_g_uc	0.0505	0.194
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacteraceae;;AY258094_g;FJ748819_s	FJ748819_s	0	0.073
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacteraceae;;AY345433_g;AY345433_g_uc	AY345433_g_uc	0	0.024
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacteraceae;;Boseongicola;Boseongicola aestuarii	Boseongicola aest	0.0168	0.048
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacteraceae;;DQ395503_g;DQ395503_g_uc	DQ395503_g_uc	0.0168	0
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacteraceae;;DQ446108_g;DQ446108_g_uc	DQ446108_g_uc	0	0.024
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacteraceae;;DQ811851_g;DQ811851_g_uc	DQ811851_g_uc	0	0.048
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacteraceae;;GQ249531_g;DQ811853_s	DQ811853_s	0	0.145
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacteraceae;;GQ249531_g;FJ202586_s	FJ202586_s	0	0.024
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacteraceae;;GQ249531_g;GQ249531_g_uc	GQ249531_g_uc	0	0.412
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacteraceae;;GQ249531_g;GU118103_s	GU118103_s	0	0.048
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacteraceae;;GQ249531_g;GU118199_s	GU118199_s	0	0.024
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacteraceae;;Halocynthiibacter;FJ196058_s	FJ196058_s	0.0168	0
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacteraceae;;Hasllibacter;Hasllibacter_uc	Hasllibacter_uc	0	0.024
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacteraceae;;JN233515_g;4P003325_s	4P003325_s	0	0.024
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacteraceae;;Leisingera;Leisingera methylalidivorans	Leisingera methyl	0.0168	0
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacteraceae;;Leisingera;Leisingera_uc	Leisingera_uc	0.0168	0
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacteraceae;;Litoreibacter;Litoreibacter_uc	Litoreibacter_uc	0	0.024
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacteraceae;;Litorimicrobium;Litorimicrobium taenense	Litorimicrobium t	0.5384	0

Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacteraceae;;Litorimicrobium;Litorimicrobium_uc	Litorimicrobium_uc	0.5888	0
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacteraceae;;Marinovum;Marinovum algicola	Marinovum algicola	0.286	0
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacteraceae;;Paracoccus;AM275338_s	AM275338_s	0.0168	0
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacteraceae;;Paracoccus;Paracoccus marinus	Paracoccus marinus	0.0168	0
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacteraceae;;Paracoccus;Paracoccus oceanense	Paracoccus oceanense	0.5047	0
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacteraceae;;Pelagicola;Pelagicola_uc	Pelagicola_uc	0.0168	0
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacteraceae;;Phaeobacter;Phaeobacter daeponensis	Phaeobacter daeponensis	0.0168	0
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacteraceae;;Phaeobacter;Phaeobacter_uc	Phaeobacter_uc	0.0168	0
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacteraceae;;Rhodobacteraceae_uc;Rhodobacteraceae_uc_s	Rhodobacteraceae_uc	0.2692	0.097
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacteraceae;;Roseovarius;Roseovarius_uc	Roseovarius_uc	0.1514	0
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacteraceae;;Ruegeria;Ruegeria arenilitoris	Ruegeria arenilitoris	0	0.048
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacteraceae;;Ruegeria;Ruegeria conchae	Ruegeria conchae	0	0.242
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacteraceae;;Ruegeria;Ruegeria_uc	Ruegeria_uc	0	0.024
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacteraceae;;Shimia;Shimia_uc	Shimia_uc	0.0168	0
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacteraceae;;Sulfitobacter;Oceanibulbus indolifex	Oceanibulbus indolifex	0.0841	0
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacteraceae;;Sulfitobacter;Sulfitobacter dubius	Sulfitobacter dubius	4.3237	0
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacteraceae;;Sulfitobacter;Sulfitobacter_uc	Sulfitobacter_uc	0.0505	0
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacteraceae;;Tateyamaria;Tateyamaria_uc	Tateyamaria_uc	0	0.024
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacteraceae;;Thalassobius;Thalassobius aestuarii	Thalassobius aestuarii	0	0.024
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacteraceae;;Thalassobius;Thalassobius aquaeponi	Thalassobius aquaeponi	0	0.121
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodobacterales;;Rhodobacterales_uc;;Rhodobacterales_uc_g;Rhodobacterales_uc_s	Rhodobacterales_uc	0.0168	0
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodospirillales;;Acetobacteraceae;;Endobacter;Endobacter_uc	Endobacter_uc	0	0.024
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodospirillales;;DQ984631_f;;DQ984631_f_uc;DQ984631_f_uc_s	DQ984631_f_uc	0.0168	0.097
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodospirillales;;DQ984631_f;;EU373873_g;JN672662_s	JN672662_s	0.0168	0.073
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodospirillales;;DQ984631_f;;EU386027_g;EU386027_g_uc	EU386027_g_uc	0.0168	0
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodospirillales;;EU799183_f;;EU799183_f_uc;EU799183_f_uc_s	EU799183_f_uc_s	0	0.024
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodospirillales;;EU799183_f;;EU799183_g;AJ567552_s	AJ567552_s	0.0168	0.121
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodospirillales;;EU799183_f;;EU799183_g;EU799183_g_uc	EU799183_g_uc	0	0.121
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodospirillales;;EU919810_f;;EU805050_g;EU805050_g_uc	EU805050_g_uc	0	0.048
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodospirillales;;EU919810_f;;EU919810_f_uc;EU919810_f_uc_s	EU919810_f_uc_s	0	0.024
Bacteria;;Proteobacteria;;Alphaproteobacteria;;Rhodospirillales;;FM209092_f;;DQ451508_g;AY913370_s	AY913370_s	0	0.048

Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhodospirillales;;Rhodospirillaceae;;AM997440_g;AJ966596_s	AJ966596_s	0	0.024
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhodospirillales;;Rhodospirillaceae;;AM997440_g;AM997440_g_uc	AM997440_g_uc	0	0.073
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhodospirillales;;Rhodospirillaceae;;AM997440_g;AM997440_s	AM997440_s	0	0.048
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhodospirillales;;Rhodospirillaceae;;AM997440_g;EU373883_s	EU373883_s	0	0.024
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhodospirillales;;Rhodospirillaceae;;AM997440_g;KC009860_s	KC009860_s	0	0.048
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhodospirillales;;Rhodospirillaceae;;EU266790_g;EU266790_g_uc	EU266790_g_uc	0	0.048
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhodospirillales;;Rhodospirillaceae;;EU266790_g;HQ326280_s	HQ326280_s	0	0.048
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhodospirillales;;Rhodospirillaceae;;EU386018_g;EU386018_g_uc	EU386018_g_uc	0.0168	0
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhodospirillales;;Rhodospirillaceae;;EU652585_g;EU617826_s	EU617826_s	0	0.121
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhodospirillales;;Rhodospirillaceae;;EU652585_g;EU652585_g_uc	EU652585_g_uc	0	0.073
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhodospirillales;;Rhodospirillaceae;;EU652585_g;EU652585_s	EU652585_s	0	0.145
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhodospirillales;;Rhodospirillaceae;;Pelagibius;DQ289904_s	DQ289904_s	0	1.964
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhodospirillales;;Rhodospirillaceae;;Pelagibius;EF125412_s	EF125412_s	0	0.436
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhodospirillales;;Rhodospirillaceae;;Pelagibius;EU617823_s	EU617823_s	0.0168	1.091
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhodospirillales;;Rhodospirillaceae;;Pelagibius;JN977152_s	JN977152_s	0	0.024
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhodospirillales;;Rhodospirillaceae;;Pelagibius;Pelagibius_uc	Pelagibius_uc	0.0168	0.727
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rhodospirillales;;Rhodospirillaceae;;Rhodospirillaceae_uc;Rhodospirillaceae_uc_s	Rhodospirillaceae	0.0168	0.194
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Rickettsiales;;GQ250619_f;;AB294318_g;AB294318_g_uc	AB294318_g_uc	0	0.024
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;SAR11;;SAR11-1_f;;Pelagibacter;GU061426_s	GU061426_s	0	0.024
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Sphingomonadales;;Erythrobacteraceae;;Altererythrobacter;Altererythrobacter ishigakiensis	Altererythrobacter	0	0.024
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Sphingomonadales;;Erythrobacteraceae;;Altererythrobacter;AY858797_s	AY858797_s	0	0.024
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Sphingomonadales;;Erythrobacteraceae;;Altererythrobacter;JQ427438_s	JQ427438_s	0	0.097
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Sphingomonadales;;Erythrobacteraceae;;Erythrobacteraceae_uc;Erythrobacteraceae_uc_s	Erythrobacteraceae	0	0.024
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Sphingomonadales;;Sphingomonadaceae;;Novosphingobium;Novosphingobium pentaromativorans	Novosphingobium	0	0.024
Bacteria;;;Proteobacteria;;Alphaproteobacteria;;Sphingomonadales;;Sphingomonadaceae;;Sphingomonadaceae_uc;Sphingomonadaceae_uc_s	Sphingomonadaceae	0	0.024
Bacteria;;;Proteobacteria;;Betaproteobacteria;;DQ009366_o;;DQ009366_f;;DQ009366_g;DQ009366_g_uc	DQ009366_g_uc	0	0.024
Bacteria;;;Proteobacteria;;Betaproteobacteria;;DQ009366_o;;DQ009366_f;;EF999367_g;EF999367_g_uc	EF999367_g_uc	0	0.097
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;4P001481_o;;4P001481_f;;4P001956_g;4P001956_g_uc	4P001956_g_uc	0.1178	0
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;AB530223_o;;AB530223_o_uc;;AB530223_o_uc_g;AB530223_o_uc_s	AB530223_o_uc	0.0168	0
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;AF269002_o;;AF269002_f;;AF269002_f_uc;AF269002_f_uc_s	AF269002_f_uc_s	0	0.024
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;AF269002_o;;AF269002_f;;AF269002_g;AF269002_g_uc	AF269002_g_uc	0.0673	0
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;AF269002_o;;AF269002_f;;AM997922_g;AM997922_g_uc	AM997922_g_uc	0	0.048

Bacteria;;Proteobacteria;;Deltaproteobacteria;;AF269002_o;;AF269002_f;;DQ395022_g;DQ395022_g_uc	DQ395022_g_uc	0.0168	0
Bacteria;;Proteobacteria;;Deltaproteobacteria;;AF269002_o;;AF269002_f;;DQ395022_g;DQ395022_s	DQ395022_s	0	0.436
Bacteria;;Proteobacteria;;Deltaproteobacteria;;AJ306774_o;;AJ306774_f;;AJ306774_g;AJ306774_g_uc	AJ306774_g_uc	0.0673	0.073
Bacteria;;Proteobacteria;;Deltaproteobacteria;;AJ306774_o;;AJ306774_f;;AJ306774_g;FJ264596_s	FJ264596_s	0.0841	0.145
Bacteria;;Proteobacteria;;Deltaproteobacteria;;AJ306774_o;;AJ306774_f;;AJ306774_g;JF344529_s	JF344529_s	0.0337	0.048
Bacteria;;Proteobacteria;;Deltaproteobacteria;;AY214193_o;;AY214193_f;;AY214193_f_uc;AY214193_f_uc_s	AY214193_f_uc	0	0.073
Bacteria;;Proteobacteria;;Deltaproteobacteria;;AY214193_o;;AY214193_o_uc;;AY214193_o_uc_g;AY214193_o_uc_s	AY214193_o_uc	0.0337	0
Bacteria;;Proteobacteria;;Deltaproteobacteria;;Bdellovibrionales;;Bdellovibrionales_uc;;Bdellovibrionales_uc_g;Bdellovibrionales_uc_s	Bdellovibrionales	0	0.024
Bacteria;;Proteobacteria;;Deltaproteobacteria;;CU925466_o;;CU925466_f;;CU925466_f_uc;CU925466_f_uc_s	CU925466_f_uc	0	0.121
Bacteria;;Proteobacteria;;Deltaproteobacteria;;Deferrisoma_o;;Deferrisoma_f;;Deferrisoma;Deferrisoma_uc	Deferrisoma_uc	0	0.048
Bacteria;;Proteobacteria;;Deltaproteobacteria;;Deferrisoma_o;;Deferrisoma_f;;Deferrisoma_f_uc;Deferrisoma_f_uc_s	Deferrisoma_f_uc	0	0.121
Bacteria;;Proteobacteria;;Deltaproteobacteria;;Deferrisoma_o;;Deferrisoma_o_uc;;Deferrisoma_o_uc_g;Deferrisoma_o_uc_s	Deferrisoma_o_uc	0.0168	0
Bacteria;;Proteobacteria;;Deltaproteobacteria;;Deltaproteobacteria_uc;;Deltaproteobacteria_uc_f;;Deltaproteobacteria_uc_g;Deltaproteobacteria_uc_s	Deltaproteobacteria_uc	0	0.024
Bacteria;;Proteobacteria;;Deltaproteobacteria;;Desulfobacterales;;AY771942_f;;AY771942_f_uc;AY771942_f_uc_s	AY771942_f_uc	0.0505	0.024
Bacteria;;Proteobacteria;;Deltaproteobacteria;;Desulfobacterales;;AY771942_f;;AY771942_g;AB177130_s	AB177130_s	0.0168	0
Bacteria;;Proteobacteria;;Deltaproteobacteria;;Desulfobacterales;;AY771942_f;;AY771942_g;AY771942_g_uc	AY771942_g_uc	0.1009	0.048
Bacteria;;Proteobacteria;;Deltaproteobacteria;;Desulfobacterales;;AY771942_f;;AY771942_g;EU386090_s	EU386090_s	0.0168	0
Bacteria;;Proteobacteria;;Deltaproteobacteria;;Desulfobacterales;;Desulfobacteraceae;;AJ620497_g;AJ620497_s	AJ620497_s	0	0.024
Bacteria;;Proteobacteria;;Deltaproteobacteria;;Desulfobacterales;;Desulfobacteraceae;;AJ704681_g;AM882638_s	AM882638_s	0	0.073
Bacteria;;Proteobacteria;;Deltaproteobacteria;;Desulfobacterales;;Desulfobacteraceae;;AJ704684_g;AJ704684_g_uc	AJ704684_g_uc	0	0.097
Bacteria;;Proteobacteria;;Deltaproteobacteria;;Desulfobacterales;;Desulfobacteraceae;;AJ704684_g;AJ704684_s	AJ704684_s	0	0.048
Bacteria;;Proteobacteria;;Deltaproteobacteria;;Desulfobacterales;;Desulfobacteraceae;;AM229208_g;AM229208_g_uc	AM229208_g_uc	0.1346	0
Bacteria;;Proteobacteria;;Deltaproteobacteria;;Desulfobacterales;;Desulfobacteraceae;;AM229208_g;KC009899_s	KC009899_s	0.0505	0
Bacteria;;Proteobacteria;;Deltaproteobacteria;;Desulfobacterales;;Desulfobacteraceae;;AM745130_g;AM745130_g_uc	AM745130_g_uc	0.1009	0.024
Bacteria;;Proteobacteria;;Deltaproteobacteria;;Desulfobacterales;;Desulfobacteraceae;;AM745130_g;AY771936_s	AY771936_s	0.1009	0.024
Bacteria;;Proteobacteria;;Deltaproteobacteria;;Desulfobacterales;;Desulfobacteraceae;;AM745130_g;JF344643_s	JF344643_s	0.0168	0
Bacteria;;Proteobacteria;;Deltaproteobacteria;;Desulfobacterales;;Desulfobacteraceae;;Desulfobacteraceae_uc;Desulfobacteraceae_uc_s	Desulfobacteraceae_uc	0.0505	0.291
Bacteria;;Proteobacteria;;Deltaproteobacteria;;Desulfobacterales;;Desulfobacteraceae;;Desulfobacterium;Desulfobacterium_uc	Desulfobacterium	0	0.024
Bacteria;;Proteobacteria;;Deltaproteobacteria;;Desulfobacterales;;Desulfobacteraceae;;Desulfofrigus;Desulfofrigus fragile	Desulfofrigus frag	0	0.048
Bacteria;;Proteobacteria;;Deltaproteobacteria;;Desulfobacterales;;Desulfobacteraceae;;Desulfofrigus;Desulfofrigus_uc	Desulfofrigus_uc	0	0.145
Bacteria;;Proteobacteria;;Deltaproteobacteria;;Desulfobacterales;;Desulfobacteraceae;;Desulfosarcina;Desulfosarcina_uc	Desulfosarcina_uc	0	0.048

Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Desulfobacterales;;Desulfobacteraceae;;EU181467_g;EU181467_g_uc	EU181467_g_uc	0	0.073
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Desulfobacterales;;Desulfobacteraceae;;EU181467_g;EU181467_s	EU181467_s	0.1514	0.145
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Desulfobacterales;;Desulfobacteraceae;;EU181467_g;FM211789_s	FM211789_s	0.0337	0.388
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Desulfobacterales;;Desulfobacteraceae;;EU181467_g;JF344647_s	JF344647_s	0	0.048
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Desulfobacterales;;Desulfobacteraceae;;FM165266_g;FM165266_s	FM165266_s	0	0.024
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Desulfobacterales;;Desulfobacteraceae;;GQ356991_g;GQ356991_s	GQ356991_s	0	0.048
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Desulfobacterium_g1_o;;Desulfobacterium_g1_f;;Desulfobacterium_g1;AJ704686_s	AJ704686_s	0	0.024
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Desulfobacterium_g1_o;;Desulfobacterium_g1_f;;Desulfobacterium_g1;Desulfobacterium_g1_uc	Desulfobacterium_g1_uc	0.0337	0.097
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Desulfobacterium_g1_o;;Desulfobacterium_g1_f;;Desulfobacterium_g1;GQ246432_s	GQ246432_s	0.2019	0.073
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Desulfobacterium_g1_o;;Desulfobacterium_g1_f;;Desulfobacterium_g1_f_uc;Desulfobacterium_g1_f_uc_s	Desulfobacterium_g1_f_uc	0.0505	0
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Desulfobacterium_g1_o;;GU553714_f;;GU553714_g;EU385886_s	EU385886_s	0.0168	0
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Desulfobacterium_g1_o;;GU553714_f;;GU553714_g;EU385917_s	EU385917_s	0.0168	0
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Desulfobulbaceae_o;;Desulfobulbaceae;;Desulfobulbaceae_uc;Desulfobulbaceae_uc_s	Desulfobulbaceae_uc	0	0.024
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Desulfobulbaceae_o;;Desulforhopalus_f;;Desulfocapsa;Desulfocapsa_uc	Desulfocapsa_uc	0	0.048
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Desulfobulbaceae_o;;Desulforhopalus_f;;Desulfofustis;AB294977_s	AB294977_s	0	0.024
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Desulfobulbaceae_o;;Desulforhopalus_f;;Desulfofustis;AJ620509_s	AJ620509_s	0.0168	0
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Desulfobulbaceae_o;;Desulforhopalus_f;;Desulfofustis;Desulfofustis_uc	Desulfofustis_uc	0	0.097
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Desulfobulbaceae_o;;Desulforhopalus_f;;Desulfofustis;EF123489_s	EF123489_s	0	0.024
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Desulfobulbaceae_o;;Desulforhopalus_f;;Desulfopila;Desulfopila_uc	Desulfopila_uc	0	0.024
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Desulfobulbaceae_o;;Desulforhopalus_f;;Desulforhopalus;Desulforhopalus_uc	Desulforhopalus_uc	0	0.121
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Desulfobulbaceae_o;;Desulforhopalus_f;;Desulforhopalus;GU119044_s	GU119044_s	0	0.17
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Desulfobulbaceae_o;;Desulforhopalus_f;;Desulforhopalus_f_uc;Desulforhopalus_f_uc_s	Desulforhopalus_f_uc	0	0.097
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Desulfobulbaceae_o;;EU287221_f;;EU287221_f_uc;EU287221_f_uc_s	EU287221_f_uc	0	0.048
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Desulfobulbaceae_o;;EU287221_f;;EU287221_g;AB530214_s	AB530214_s	0.0337	0
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Desulfobulbaceae_o;;EU287221_f;;EU287221_g;EU287221_g_uc	EU287221_g_uc	0	0.242
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Desulfobulbaceae_o;;EU287221_f;;EU287221_g;FJ416112_s	FJ416112_s	0	0.024
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Desulfobulbaceae_o;;EU287221_f;;EU287221_g;JX241034_s	JX241034_s	0.0168	0
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Desulfuromonadales;;Desulfuromonadaceae;;AJ271656_g;AJ271656_g_uc	AJ271656_g_uc	0	0.267
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Desulfuromonadales;;Desulfuromonadaceae;;AJ271656_g;JX241022_s	JX241022_s	0	0.024
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Desulfuromonadales;;Desulfuromonadaceae;;Desulfuromonadaceae_uc;Desulfuromonadaceae_uc_s	Desulfuromonadaceae_uc	0	0.17
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Desulfuromonadales;;Desulfuromonadaceae;;Pelobacter_g2;AM404382_s	AM404382_s	0	0.024

Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Desulfuromonadales;;Desulfuromonadaceae;;Pelobacter_g2;Pelobacter_g2_uc	Pelobacter_g2_uc	0	0.024
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Desulfuromonadales;;Geobacteraceae;;Geobacteraceae_uc;Geobacteraceae_uc_s	Geobacteraceae_uc	0.0168	0
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;DQ154854_o;;DQ154854_f;;DQ154854_f_uc;DQ154854_f_uc_s	DQ154854_f_uc	0	0.024
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;DQ394969_o;;DQ394969_f;;DQ394969_f_uc;DQ394969_f_uc_s	DQ394969_f_uc	0	0.024
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;DQ394969_o;;DQ394969_f;;DQ394969_g;DQ394969_g_uc	DQ394969_g_uc	0	0.024
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;EF125424_o;;EF125424_f;;EF125424_f_uc;EF125424_f_uc_s	EF125424_f_uc_s	0	0.024
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;EF125424_o;;EF125424_f;;EF125424_g;EF125424_s	EF125424_s	0	0.024
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;EF574244_o;;EF574244_o_uc;;EF574244_o_uc_g;EF574244_o_uc_s	EF574244_o_uc	0.0168	0
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;EU245359_o;;EU245359_f;;EU245359_g;EU245359_g_uc	EU245359_g_uc	0.0168	0.024
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;EU245359_o;;EU245359_f;;EU245359_g;EU592490_s	EU592490_s	0.0168	0
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;EU246214_o;;EU246214_f;;EU246214_f_uc;EU246214_f_uc_s	EU246214_f_uc_s	0.0337	0
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;EU491876_o;;EU491876_o_uc;;EU491876_o_uc_g;EU491876_o_uc_s	EU491876_o_uc	0.0168	0
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;EU617831_o;;EU617831_f;;EU617831_f_uc;EU617831_f_uc_s	EU617831_f_uc_s	0.0673	0.097
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;EU617831_o;;EU617831_o_uc;;EU617831_o_uc_g;EU617831_o_uc_s	EU617831_o_uc	0.0168	0
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;EU617842_o;;EU617842_f;;AM991259_g;AM991259_g_uc	AM991259_g_uc	0	0.073
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;EU617842_o;;EU617842_f;;AM997336_g;AM997336_g_uc	AM997336_g_uc	0	0.024
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;EU617842_o;;EU617842_f;;AM997336_g;EU925877_s	EU925877_s	0	0.024
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;EU617842_o;;EU617842_f;;AM997336_g;FJ416092_s	FJ416092_s	0	0.048
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;EU617842_o;;EU617842_f;;EU287101_g;EU287101_g_uc	EU287101_g_uc	0	0.024
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;EU617842_o;;EU617842_f;;EU287101_g;EU287101_s	EU287101_s	0	0.024
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;EU617842_o;;EU617842_f;;EU290707_g;EU290707_g_uc	EU290707_g_uc	0.1682	0
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;EU617842_o;;EU617842_f;;EU290707_g;EU290707_s	EU290707_s	0.1009	0.048
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;EU617842_o;;EU617842_f;;EU617842_f_uc;EU617842_f_uc_s	EU617842_f_uc_s	0.3365	0.97
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;EU617842_o;;EU617842_f;;EU617842_g;EU617842_s	EU617842_s	0.0673	0.145
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;EU617842_o;;EU617842_f;;EU617842_g;FJ626894_s	FJ626894_s	0	0.048
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;EU617842_o;;EU617842_f;;EU617842_g;JF809692_s	JF809692_s	0	0.024
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;EU617842_o;;EU617842_f;;EU734993_g;EU734993_g_uc	EU734993_g_uc	0	0.073
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;EU617842_o;;EU617842_f;;EU734993_g;EU734993_s	EU734993_s	0.0168	0.024
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;EU617842_o;;EU617842_f;;EU881182_g;4P003976_s	4P003976_s	0	0.024
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;EU617842_o;;EU617842_f;;EU881182_g;AB694486_s	AB694486_s	0	0.024
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;EU617842_o;;EU617842_f;;EU881182_g;EU491396_s	EU491396_s	0	0.048

Bacteria;;Proteobacteria;;Deltaproteobacteria;;EU617842_o;;EU617842_f;;EU881182_g;EU881182_g_uc	EU881182_g_uc	0	0.364
Bacteria;;Proteobacteria;;Deltaproteobacteria;;EU617842_o;;EU617842_f;;EU881182_g;HQ703835_s	HQ703835_s	0	0.048
Bacteria;;Proteobacteria;;Deltaproteobacteria;;EU617842_o;;EU617842_f;;EU881182_g;JX241004_s	JX241004_s	0	0.024
Bacteria;;Proteobacteria;;Deltaproteobacteria;;EU617842_o;;EU617842_f;;EU881182_g;KC009877_s	KC009877_s	0	0.121
Bacteria;;Proteobacteria;;Deltaproteobacteria;;EU617842_o;;EU617842_f;;FJ416121_g;FJ416121_g_uc	FJ416121_g_uc	0.0337	0
Bacteria;;Proteobacteria;;Deltaproteobacteria;;EU617842_o;;EU617842_f;;GQ246453_g;FJ203391_s	FJ203391_s	0	0.024
Bacteria;;Proteobacteria;;Deltaproteobacteria;;EU617842_o;;EU617842_f;;HQ864112_g;EU734976_s	EU734976_s	0	0.024
Bacteria;;Proteobacteria;;Deltaproteobacteria;;EU617842_o;;EU617842_f;;HQ864112_g;HQ864112_g_uc	HQ864112_g_uc	0	0.024
Bacteria;;Proteobacteria;;Deltaproteobacteria;;EU617842_o;;EU617842_f;;JF344499_g;JF344499_g_uc	JF344499_g_uc	0.0337	0.121
Bacteria;;Proteobacteria;;Deltaproteobacteria;;EU617842_o;;EU617842_f;;JF344499_g;JF344499_s	JF344499_s	0.0168	0.024
Bacteria;;Proteobacteria;;Deltaproteobacteria;;EU617842_o;;EU617842_o_uc;;EU617842_o_uc_g;EU617842_o_uc_s	EU617842_o_uc	0.0337	0
Bacteria;;Proteobacteria;;Deltaproteobacteria;;EU617842_o;;FM253643_f;;EU734958_g;EU734958_g_uc	EU734958_g_uc	0	0.024
Bacteria;;Proteobacteria;;Deltaproteobacteria;;EU617842_o;;FM253643_f;;FM253643_f_uc;FM253643_f_uc_s	FM253643_f_uc	0.0673	0.17
Bacteria;;Proteobacteria;;Deltaproteobacteria;;EU617842_o;;FM253643_f;;JF344019_g;JF344019_g_uc	JF344019_g_uc	0	0.073
Bacteria;;Proteobacteria;;Deltaproteobacteria;;EU734972_o;;EU734972_f;;EU734972_g;EU734972_g_uc	EU734972_g_uc	0.0505	0
Bacteria;;Proteobacteria;;Deltaproteobacteria;;EU734972_o;;EU734972_f;;EU734972_g;EU734972_s	EU734972_s	0.0505	0
Bacteria;;Proteobacteria;;Deltaproteobacteria;;FJ889281_o;;FJ889281_f;;FJ889281_g;FJ889281_g_uc	FJ889281_g_uc	0	0.024
Bacteria;;Proteobacteria;;Deltaproteobacteria;;FM253572_o;;FM253572_f;;FM253572_f_uc;FM253572_f_uc_s	FM253572_f_uc	0.0505	0.17
Bacteria;;Proteobacteria;;Deltaproteobacteria;;FM253572_o;;FM253572_o_uc;;FM253572_o_uc_g;FM253572_o_uc_s	FM253572_o_uc	0.0168	0.073
Bacteria;;Proteobacteria;;Deltaproteobacteria;;FM253572_o;;FM253606_f;;FM253606_f_uc;FM253606_f_uc_s	FM253606_f_uc	0	0.073
Bacteria;;Proteobacteria;;Deltaproteobacteria;;FM253572_o;;FM253606_f;;HM799112_g;HM799112_g_uc	HM799112_g_uc	0	0.048
Bacteria;;Proteobacteria;;Deltaproteobacteria;;FM253572_o;;GU208445_f;;GU208445_f_uc;GU208445_f_uc_s	GU208445_f_uc	0.0168	0.242
Bacteria;;Proteobacteria;;Deltaproteobacteria;;GQ356959_o;;GQ356959_f;;GQ356959_f_uc;GQ356959_f_uc_s	GQ356959_f_uc	0.0337	0
Bacteria;;Proteobacteria;;Deltaproteobacteria;;GQ356959_o;;GQ356959_f;;GQ356959_g;AB188771_s	AB188771_s	0	0.048
Bacteria;;Proteobacteria;;Deltaproteobacteria;;GQ356959_o;;GQ356959_f;;GQ356959_g;GQ356959_s	GQ356959_s	0	0.024
Bacteria;;Proteobacteria;;Deltaproteobacteria;;GQ433929_o;;GQ433929_f;;GQ433929_f_uc;GQ433929_f_uc_s	GQ433929_f_uc	0.0673	0
Bacteria;;Proteobacteria;;Deltaproteobacteria;;GQ433929_o;;GQ433929_o_uc;;GQ433929_o_uc_g;GQ433929_o_uc_s	GQ433929_o_uc	0.0168	0
Bacteria;;Proteobacteria;;Deltaproteobacteria;;GU567808_o;;DQ394946_f;;DQ394946_f_uc;DQ394946_f_uc_s	DQ394946_f_uc	0.0168	0
Bacteria;;Proteobacteria;;Deltaproteobacteria;;GU567808_o;;GU567808_f;;GU567808_f_uc;GU567808_f_uc_s	GU567808_f_uc	0	0.024
Bacteria;;Proteobacteria;;Deltaproteobacteria;;HM243977_o;;DQ811827_f;;DQ463694_g;DQ463694_g_uc	DQ463694_g_uc	0.0168	0
Bacteria;;Proteobacteria;;Deltaproteobacteria;;HM243977_o;;DQ811827_f;;DQ811827_f_uc;DQ811827_f_uc_s	DQ811827_f_uc	0.0168	0

Bacteria;;;Proteobacteria;;Deltaproteobacteria;;HM243977_o;;DQ811827_f;;DQ811827_g;DQ811827_g_uc	DQ811827_g_uc	0.0841	0.024
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;HM243977_o;;DQ811827_f;;DQ811827_g;EF125419_s	EF125419_s	0.0168	0.024
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;K1932691_o;;EU245168_f;;EU245168_f_uc;EU245168_f_uc_s	EU245168_f_uc_s	0	0.024
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;K1932691_o;;EU245168_f;;FM242438_g;FM242438_g_uc	FM242438_g_uc	0	0.024
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Myxococcales;;DQ833497_f;;DQ833497_f_uc;DQ833497_f_uc_s	DQ833497_f_uc_s	0	0.024
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Myxococcales;;EF125442_f;;EF125442_f_uc;EF125442_f_uc_s	EF125442_f_uc_s	0	0.024
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Myxococcales;;EU134529_f;;EU134529_f_uc;EU134529_f_uc_s	EU134529_f_uc_s	0	0.073
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Myxococcales;;EU246287_f;;EU246287_f_uc;EU246287_f_uc_s	EU246287_f_uc_s	0.0168	0
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Myxococcales;;EU589314_f;;EU589314_f_uc;EU589314_f_uc_s	EU589314_f_uc_s	0	0.024
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Myxococcales;;Haliangiaceae;;Haliangiaceae_uc;Haliangiaceae_uc_s	Haliangiaceae_uc_s	0	0.048
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Myxococcales;;Haliangiaceae;;Haliangium;Haliangium_uc	Haliangium_uc	0	0.024
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Myxococcales;;JF344646_f;;JF344646_f_uc;JF344646_f_uc_s	JF344646_f_uc_s	0	0.024
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Myxococcales;;Myxococcales_uc;;Myxococcales_uc_g;Myxococcales_uc_s	Myxococcales_uc_s	0.0505	0.048
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Myxococcales;;Polyangiaceae;;Polyangiaceae_uc;Polyangiaceae_uc_s	Polyangiaceae_uc_s	0.0168	0
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Myxococcales;;Sandaracinaceae;;JF344203_g;4P002648_s	4P002648_s	0.1682	0
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Myxococcales;;Sandaracinaceae;;JF344203_g;4P003385_s	4P003385_s	0	0.024
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Myxococcales;;Sandaracinaceae;;JF344203_g;JF344203_g_uc	JF344203_g_uc	0.5215	0.048
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Myxococcales;;Sandaracinaceae;;JF344203_g;JF344203_s	JF344203_s	0.0505	0
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Myxococcales;;Sandaracinaceae;;JF344203_g;JF344278_s	JF344278_s	0.0168	0
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Myxococcales;;Sandaracinaceae;;JF344203_g;KC009893_s	KC009893_s	0	0.315
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Myxococcales;;Sandaracinaceae;;Sandaracinaceae_uc;Sandaracinaceae_uc_s	Sandaracinaceae_uc_s	0.0841	0
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Nitrospinaceae_o;;DQ404777_f;;AB530226_g;AB530226_g_uc	AB530226_g_uc	0.0168	0.024
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Nitrospinaceae_o;;DQ404777_f;;AB530226_g;AB530226_s	AB530226_s	0	0.024
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Nitrospinaceae_o;;DQ404777_f;;AB530226_g;AY193132_s	AY193132_s	0	0.024
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Nitrospinaceae_o;;DQ404777_f;;AB530226_g;AY592130_s	AY592130_s	0.0168	0
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Nitrospinaceae_o;;DQ404777_f;;AB530226_g;AY592672_s	AY592672_s	0	0.048
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Nitrospinaceae_o;;DQ404777_f;;AB530226_g;JX391675_s	JX391675_s	0	0.024
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Nitrospinaceae_o;;DQ404777_f;;DQ404777_f_uc;DQ404777_f_uc_s	DQ404777_f_uc_s	0.1009	0.048
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Nitrospinaceae_o;;EU491271_f;;EU491271_f_uc;EU491271_f_uc_s	EU491271_f_uc_s	0.0168	0
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Nitrospinaceae_o;;FJ545464_f;;FJ545464_f_uc;FJ545464_f_uc_s	FJ545464_f_uc_s	0.0168	0
Bacteria;;;Proteobacteria;;Deltaproteobacteria;;Nitrospinaceae_o;;Nitrospinaceae;;AB015560_g;AM997732_s	AM997732_s	0.0168	0

Bacteria;;Proteobacteria;;Deltaproteobacteria;;Nitrospinaceae_o;;Nitrospinaceae;;DQ513028_g;DQ513028_g_uc	DQ513028_g_uc	0	0.024
Bacteria;;Proteobacteria;;Deltaproteobacteria;;Nitrospinaceae_o;;Nitrospinaceae;;EU617741_g;AM997835_s	AM997835_s	0	0.097
Bacteria;;Proteobacteria;;Deltaproteobacteria;;Nitrospinaceae_o;;Nitrospinaceae;;EU617741_g;EF999360_s	EF999360_s	0	0.024
Bacteria;;Proteobacteria;;Deltaproteobacteria;;Nitrospinaceae_o;;Nitrospinaceae;;EU617741_g;EU617741_s	EU617741_s	0	0.073
Bacteria;;Proteobacteria;;Deltaproteobacteria;;Nitrospinaceae_o;;Nitrospinaceae;;Nitrospinaceae_uc;Nitrospinaceae_uc_s	Nitrospinaceae_uc	0.0168	0.073
Bacteria;;Proteobacteria;;Deltaproteobacteria;;Nitrospinaceae_o;;Nitrospinaceae_o_uc;;Nitrospinaceae_o_uc_g;Nitrospinaceae_o_uc_s	Nitrospinaceae_o	0.0168	0.024
Bacteria;;Proteobacteria;;Deltaproteobacteria;;Spirobacillus_o;;EU617864_f;;EU617864_f_uc;EU617864_f_uc_s	EU617864_f_uc_s	0	0.121
Bacteria;;Proteobacteria;;Deltaproteobacteria;;Syntrophobacterales;;DQ811814_f;;DQ811814_g;FM165234_s	FM165234_s	0	0.024
Bacteria;;Proteobacteria;;Deltaproteobacteria;;Syntrophobacterales;;EU386119_f;;EU386119_f_uc;EU386119_f_uc_s	EU386119_f_uc_s	0.0505	0
Bacteria;;Proteobacteria;;Deltaproteobacteria;;Syntrophobacterales;;GQ246357_f;;GQ246357_f_uc;GQ246357_f_uc_s	GQ246357_f_uc	0.0505	0.145
Bacteria;;Proteobacteria;;Deltaproteobacteria;;Syntrophobacterales;;GQ246357_f;;GQ246357_g;GQ246357_g_uc	GQ246357_g_uc	0.1346	0.848
Bacteria;;Proteobacteria;;Deltaproteobacteria;;Syntrophobacterales;;GQ246357_f;;GQ246357_g;GQ246357_s	GQ246357_s	0.5215	0.194
Bacteria;;Proteobacteria;;Deltaproteobacteria;;Syntrophobacterales;;Syntrophobacterales_uc;;Syntrophobacterales_uc_g;Syntrophobacterales_uc_s	Syntrophobacterales_uc	0	0.145
Bacteria;;Proteobacteria;;Epsilonproteobacteria;;Campylobacterales;;Sulfurovum_f;;Sulfurovum;EF061977_s	EF061977_s	0	0.024
Bacteria;;Proteobacteria;;Epsilonproteobacteria;;Campylobacterales;;Sulfurovum_f;;Sulfurovum;EF061978_s	EF061978_s	0	0.17
Bacteria;;Proteobacteria;;Epsilonproteobacteria;;Campylobacterales;;Sulfurovum_f;;Sulfurovum;HQ203755_s	HQ203755_s	0	0.048
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Alteromonadales;;Ferrimonadaceae;;Ferrimonas;Ferrimonas balearica	Ferrimonas balearica	0	0.024
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Alteromonadales;;Marinobacter_f;;Marinobacter;AB089803_s	AB089803_s	0.0505	0
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Alteromonadales;;Microbulbifer_f;;Microbulbifer;Microbulbifer agarilyticus	Microbulbifer agarilyticus	0	0.048
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Alteromonadales;;Psychromonadaceae;;Psychromonas;Psychromonas aquimarina	Psychromonas aquimarina	0	0.073
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Alteromonadales;;Psychromonadaceae;;Psychromonas;Psychromonas macrocephali	Psychromonas macrocephali	0	0.121
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Alteromonadales;;Psychromonadaceae;;Psychromonas;Psychromonas_uc	Psychromonas_uc	0	0.63
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Alteromonadales;;Shewanellaceae;;Shewanellaceae_uc;Shewanellaceae_uc_s	Shewanellaceae_uc	0	0.024
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Arenicella_o;;Arenicella_f;;Arenicella_f_uc;Arenicella_f_uc_s	Arenicella_f_uc_s	0	0.097
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Arenicella_o;;Arenicella_f;;EU925907_g;EU925907_g_uc	EU925907_g_uc	0	0.024
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Arenicella_o;;Arenicella_f;;EU925907_g;JN655438_s	JN655438_s	0	0.073
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Arenicella_o;;Arenicella_f;;EU925907_g;JN672661_s	JN672661_s	0	0.121
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Arenicella_o;;Arenicella_o_uc;;Arenicella_o_uc_g;Arenicella_o_uc_s	Arenicella_o_uc_s	0	0.024
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Arenicella_o;;HQ857665_f;;EU652576_g;EU652576_s	EU652576_s	0	0.048
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Arenicella_o;;HQ857665_f;;HQ857665_f_uc;HQ857665_f_uc_s	HQ857665_f_uc_s	0.0168	0.388
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Arenicella_o;;HQ857665_f;;HQ857665_g;4P002695_s	4P002695_s	0	0.073

Bacteria;;Proteobacteria;;Gammaproteobacteria;;Arenicella_o;;HQ857665_f;;HQ857665_g;AY592616_s	AY592616_s	0	0.17
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Arenicella_o;;HQ857665_f;;HQ857665_g;FN396794_s	FN396794_s	0	0.121
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Arenicella_o;;HQ857665_f;;HQ857665_g;GU119058_s	GU119058_s	0	0.097
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Arenicella_o;;HQ857665_f;;HQ857665_g;HQ191003_s	HQ191003_s	0	0.073
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Arenicella_o;;HQ857665_f;;HQ857665_g;HQ857665_g_uc	HQ857665_g_uc	0.0168	0.679
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Arenicella_o;;HQ857665_f;;HQ857665_g;JF344291_s	JF344291_s	0	0.024
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Chromatiales;;Acidiferrobacter_f;;Acidiferrobacter_f_uc;Acidiferrobacter_f_uc_s	Acidiferrobacter_f	0	0.17
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Chromatiales;;Acidiferrobacter_f;;EU491360_g;EU491360_g_uc	EU491360_g_uc	0.0168	0.024
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Chromatiales;;AJ966605_f;;AJ966605_f_uc;AJ966605_f_uc_s	AJ966605_f_uc_s	0.0337	0.073
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Chromatiales;;AJ966605_f;;AJ966605_g;AJ966605_g_uc	AJ966605_g_uc	0	0.194
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Chromatiales;;AJ966605_f;;AJ966605_g;EU652571_s	EU652571_s	0.1178	0.436
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Chromatiales;;AJ966605_f;;AJ966605_g;FJ905747_s	FJ905747_s	0	0.024
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Chromatiales;;AJ966605_f;;AJ966605_g;GQ246308_s	GQ246308_s	0	0.048
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Chromatiales;;Chromatiaceae;;Chromatiaceae_uc;Chromatiaceae_uc_s	Chromatiaceae_uc	0.0168	0.242
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Chromatiales;;DQ009140_f;;DQ009140_f_uc;DQ009140_f_uc_s	DQ009140_f_uc	0	0.073
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Chromatiales;;Ectothiorhodospiraceae;;Ectothiorhodospiraceae_uc;Ectothiorhodospiraceae_uc_s	Ectothiorhodospir	0.1851	0.024
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Chromatiales;;Ectothiorhodospiraceae;;EU617748_g;EU617748_s	EU617748_s	0	0.097
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Chromatiales;;Ectothiorhodospiraceae;;Thioalkalivibrio;Thioalkalivibrio_uc	Thioalkalivibrio_u	0.0168	0.024
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Chromatiales;;EU753674_f;;EU753674_f_uc;EU753674_f_uc_s	EU753674_f_uc_s	0	0.073
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Chromatiales;;FJ712598_f;;FJ545561_g;FJ545561_g_uc	FJ545561_g_uc	0	0.461
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Chromatiales;;FJ712598_f;;FJ712598_f_uc;FJ712598_f_uc_s	FJ712598_f_uc_s	0	0.024
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Chromatiales;;FJ712598_f;;FJ712598_g;FJ712598_g_uc	FJ712598_g_uc	0	0.024
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Chromatiales;;FM179879_f;;EU491810_g;EU491810_g_uc	EU491810_g_uc	0	0.024
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Chromatiales;;FM179879_f;;FM179879_g;FJ905698_s	FJ905698_s	0	0.048
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Chromatiales;;FM242209_f;;FM242209_f_uc;FM242209_f_uc_s	FM242209_f_uc	0	0.048
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Chromatiales;;FR670376_f;;FR670376_f_uc;FR670376_f_uc_s	FR670376_f_uc_s	0	0.242
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Chromatiales;;FR670376_f;;FR670376_g;FR670376_g_uc	FR670376_g_uc	0	0.194
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Chromatiales;;FR670376_f;;FR670376_g;HQ191015_s	HQ191015_s	0	0.024
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Chromatiales;;FR670376_f;;GQ246321_g;AB530210_s	AB530210_s	0	0.121
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Chromatiales;;FR670376_f;;GQ246321_g;GQ246321_g_uc	GQ246321_g_uc	0	0.121
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Chromatiales;;Nitrococcus_f;;Nitrococcus_f_uc;Nitrococcus_f_uc_s	Nitrococcus_f_uc	0	0.073

Bacteria;;Proteobacteria;;Gammaproteobacteria;;Chromatiales;;Sedimenticola_f;;Endoriftia;Endoriftia_uc	Endoriftia_uc	0	0.073
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Chromatiales;;Sedimenticola_f;;Sedimenticola_f_uc;;Sedimenticola_f_uc_s	Sedimenticola_f_uc	0.0168	0
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Chromatiales;;Thioalkalispiraceae;;Thioalkalispiraceae_uc;;Thioalkalispiraceae_uc_s	Thioalkalispiraceae_uc	0.1009	0
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Chromatiales;;Thiohalomonas_f;;Thiohalomonas_f_uc;;Thiohalomonas_f_uc_s	Thiohalomonas_f_uc	0	0.024
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Chromatiales;;Thiohalophilus_f;;Thiohalophilus_f_uc;;Thiohalophilus_f_uc_s	Thiohalophilus_f_uc	0.0505	0.024
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Chromatiales;;Thiohalophilus_f;;Thiopfundum;Thiopfundum_uc	Thiopfundum_uc	0	0.024
Bacteria;;Proteobacteria;;Gammaproteobacteria;;DQ906757_o;;DQ906757_f;;DQ906757_g;;DQ906757_g_uc	DQ906757_g_uc	0	0.024
Bacteria;;Proteobacteria;;Gammaproteobacteria;;DQ906757_o;;DQ906757_f;;DQ906757_g;;EF061964_s	EF061964_s	0	0.048
Bacteria;;Proteobacteria;;Gammaproteobacteria;;DQ906757_o;;DQ906757_f;;DQ906757_g;;GU061230_s	GU061230_s	0.0673	0
Bacteria;;Proteobacteria;;Gammaproteobacteria;;DQ906757_o;;DQ906757_f;;DQ906757_g;;sym_Olavius_algarvensis_s	sym_Olavius_algarvensis_s	0.0337	0
Bacteria;;Proteobacteria;;Gammaproteobacteria;;EF573277_o;;EF573277_f;;EF573277_f_uc;;EF573277_f_uc_s	EF573277_f_uc_s	0.0168	0.364
Bacteria;;Proteobacteria;;Gammaproteobacteria;;EF573277_o;;EF573277_f;;EU287155_g;;EU287155_g_uc	EU287155_g_uc	0	0.461
Bacteria;;Proteobacteria;;Gammaproteobacteria;;EF573277_o;;EF573277_f;;FM242299_g;;FM242299_g_uc	FM242299_g_uc	0	0.145
Bacteria;;Proteobacteria;;Gammaproteobacteria;;EF573277_o;;EU979089_f;;EU979089_f_uc;;EU979089_f_uc_s	EU979089_f_uc_s	0	0.121
Bacteria;;Proteobacteria;;Gammaproteobacteria;;EF573277_o;;EU979089_f;;EU979089_g;;EU979089_g_uc	EU979089_g_uc	0	0.024
Bacteria;;Proteobacteria;;Gammaproteobacteria;;EU287122_o;;EU287122_f;;EU287122_f_uc;;EU287122_f_uc_s	EU287122_f_uc_s	0	0.024
Bacteria;;Proteobacteria;;Gammaproteobacteria;;FN820314_o;;FN820314_f;;FN820314_f_uc;;FN820314_f_uc_s	FN820314_f_uc_s	0	0.024
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Gammaproteobacteria_uc;;Gammaproteobacteria_uc_f;;Gammaproteobacteria_uc_g;;Gammaproteobacteria_uc_s	Gammaproteobacteria_uc	0.0168	0.048
Bacteria;;Proteobacteria;;Gammaproteobacteria;;HQ191045_o;;HQ191045_f;;FJ545575_g;;FJ545575_g_uc	FJ545575_g_uc	0	0.267
Bacteria;;Proteobacteria;;Gammaproteobacteria;;HQ191059_o;;HQ191059_o_uc;;HQ191059_o_uc_g;;HQ191059_o_uc_s	HQ191059_o_uc_s	0	0.024
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Ignatzschineria_o;;Plasticicumulans_f;;Plasticicumulans_f_uc;;Plasticicumulans_f_uc_s	Plasticicumulans_f_uc	0	0.121
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Legionellales;;Coxiellaceae;;Coxiella;Coxiella_uc	Coxiella_uc	0.0168	0.145
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Legionellales;;Coxiellaceae;;Coxiella;DQ889919_s	DQ889919_s	0	0.048
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Legionellales;;Coxiellaceae;;Coxiella;EU386125_s	EU386125_s	0	0.073
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Legionellales;;Coxiellaceae;;Coxiella;sym_Heterocapsa_circularisquama_s	sym_Heterocapsa_circularisquama_s	0	0.073
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Legionellales;;Coxiellaceae;;Coxiellaceae_uc;;Coxiellaceae_uc_s	Coxiellaceae_uc_s	0.1009	1.018
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Legionellales;;Coxiellaceae;;EF492925_g;;EF492925_g_uc	EF492925_g_uc	0	0.048
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Legionellales;;Coxiellaceae;;EU802753_g;;EU802753_g_uc	EU802753_g_uc	0	0.024
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Legionellales;;Coxiellaceae;;FJ437785_g;;FJ437785_g_uc	FJ437785_g_uc	0	0.024
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Legionellales;;DQ337099_f;;DQ337099_f_uc;;DQ337099_f_uc_s	DQ337099_f_uc_s	0	0.073
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Legionellales;;EU491871_f;;EU491871_f_uc;;EU491871_f_uc_s	EU491871_f_uc_s	0	0.024

Bacteria;;Proteobacteria;;Gammaproteobacteria;;Legionellales;;EU491871_f;;EU491871_g;EU491871_s	EU491871_s	0	0.048
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Legionellales;;Legionellaceae;;Legionella;HM798974_s	HM798974_s	0	0.024
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Legionellales;;Legionellaceae;;Legionella;JN530139_s	JN530139_s	0	0.024
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Legionellales;;Legionellaceae;;Legionella;Legionella_uc	Legionella_uc	0	0.097
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Legionellales;;Legionellaceae;;Legionellaceae_uc;;Legionellaceae_uc_s	Legionellaceae_uc	0.0337	0.339
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Legionellales;;Legionellales_uc;;Legionellales_uc_g;Legionellales_uc_s	Legionellales_uc	0	0.097
Bacteria;;Proteobacteria;;Gammaproteobacteria;;M90415_o;;AY532574_f;;AY532574_f_uc;AY532574_f_uc_s	AY532574_f_uc	0.0505	0
Bacteria;;Proteobacteria;;Gammaproteobacteria;;M90415_o;;AY532574_f;;AY532574_g;AY532574_g_uc	AY532574_g_uc	1.0262	0
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Marinicella_o;;AB015252_f;;AB015252_f_uc;AB015252_f_uc_s	AB015252_f_uc	0	0.121
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Marinicella_o;;AB015252_f;;AB015252_g;4P002563_s	4P002563_s	0	0.073
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Marinicella_o;;AB015252_f;;AB015252_g;AB015252_g_uc	AB015252_g_uc	0	0.242
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Marinicella_o;;AB015252_f;;AB015252_g;GU117976_s	GU117976_s	0	0.024
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Marinicella_o;;AB015252_f;;EU734943_g;4P005770_s	4P005770_s	0	0.048
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Marinicella_o;;AB015252_f;;EU734943_g;DQ394908_s	DQ394908_s	0	0.097
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Marinicella_o;;AB015252_f;;EU734943_g;EU617751_s	EU617751_s	0	0.218
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Marinicella_o;;AB015252_f;;EU734943_g;EU734943_g_uc	EU734943_g_uc	0	0.315
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Marinicella_o;;AB015252_f;;EU734943_g;JQ925121_s	JQ925121_s	0	0.024
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Methylococcales;;Methylococcaceae;;Methylococcaceae_uc;Methylococcaceae_uc_s	Methylococcaceae	0	0.024
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Oceanospirillales;;Alcanivoracaceae;;Alcanivoracaceae_uc;Alcanivoracaceae_uc_s	Alcanivoracaceae	0.0673	0
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Oceanospirillales;;Alcanivoracaceae;;Alcanivorax;Alcanivorax venustensis	Alcanivorax venus	3.8022	0
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Oceanospirillales;;Alcanivoracaceae;;Alcanivorax;Alcanivorax_uc	Alcanivorax_uc	0.0337	0
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Oceanospirillales;;Halomonadaceae;;Salinicola;Salinicola salarius	Salinicola salarius	0.0168	0
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Oceanospirillales;;Oceanospirillaceae;;Amphritea;Amphritea_uc	Amphritea_uc	8.6642	0
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Oceanospirillales;;Oceanospirillaceae;;Marinobacterium;GU119170_s	GU119170_s	0	0.024
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Oceanospirillales;;Oceanospirillaceae;;Marinobacterium;Marinobacterium_uc	Marinobacterium	0.0168	0
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Oceanospirillales;;Oceanospirillaceae;;Oceanospirillaceae_uc;Oceanospirillaceae_uc_s	Oceanospirillaceae	0.4879	0
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Oceanospirillales;;Oceanospirillales_uc;;Oceanospirillales_uc_g;Oceanospirillales_uc_s	Oceanospirillales	0.0337	0.024
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Oceanospirillales;;Zooshikella_f;;Zooshikella_f_uc;Zooshikella_f_uc_s	Zooshikella_f_uc	0.0337	0.024
Bacteria;;Proteobacteria;;Gammaproteobacteria;;OM182_o;;GU474872_f;;GU474872_g;GU474872_g_uc	GU474872_g_uc	0	0.024
Bacteria;;Proteobacteria;;Gammaproteobacteria;;OM182_o;;OM182_f;;OM182_f_uc;OM182_f_uc_s	OM182_f_uc_s	0.0337	0
Bacteria;;Proteobacteria;;Gammaproteobacteria;;OM60_o;;DQ395870_f;;DQ395870_g;4P003245_s	4P003245_s	0	0.024

Bacteria;;;Proteobacteria;;Gammaproteobacteria;;OM60_o;;GQ274159_f;;GQ274159_f_uc;GQ274159_f_uc_s	GQ274159_f_uc_	0	0.024
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;OM60_o;;GQ274159_f;;GQ274159_g;GQ274159_g_uc	GQ274159_g_uc	0	0.024
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;OM60_o;;IMCC2047_f;;IMCC2047_g;EU287134_s	EU287134_s	0.0168	0
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;OM60_o;;OM60_f;;AB294932_g;AB294932_g_uc	AB294932_g_uc	0	0.024
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;OM60_o;;OM60_f;;EF061963_g;EF061963_g_uc	EF061963_g_uc	0	0.024
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;OM60_o;;OM60_f;;EU394576_g;EU394576_g_uc	EU394576_g_uc	0	0.073
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;OM60_o;;OM60_f;;EU394576_g;FJ425618_s	FJ425618_s	0	0.024
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;OM60_o;;OM60_f;;NOR5-11_g;NOR5-11_g_uc	NOR5-11_g_uc	0	0.024
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;OM60_o;;OM60_f;;NOR5-5_g;JF344009_s	JF344009_s	0	0.024
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;OM60_o;;OM60_f;;NOR5-5_g;NOR5-5_g_uc	NOR5-5_g_uc	0	0.024
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;OM60_o;;OM60_f;;NOR5-9_g;EU700144_s	EU700144_s	0	0.194
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;OM60_o;;OM60_f;;OM60_f_uc;OM60_f_uc_s	OM60_f_uc_s	0	0.121
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Spongiibacter_o;;Spongiibacter_f;;Spongiibacter_f_uc;Spongiibacter_f_uc_s	Spongiibacter_f_u	0	0.024
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;AB013829_f_uc;AB013829_f_uc_s	AB013829_f_uc_	0.0841	1.188
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;AB013829_g;4P003077_s	4P003077_s	0	0.509
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;AB013829_g;AB013829_g_uc	AB013829_g_uc	0.1009	2.352
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;AB013829_g;AB013829_s	AB013829_s	0.0337	0
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;AB013829_g;AB294966_s	AB294966_s	0	0.073
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;AB013829_g;AM040131_s	AM040131_s	0.0337	0.024
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;AB013829_g;AM882569_s	AM882569_s	0	0.121
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;AB013829_g;AM889178_s	AM889178_s	0	0.63
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;AB013829_g;DQ811838_s	DQ811838_s	0.0168	0.436
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;AB013829_g;EU287173_s	EU287173_s	0	0.073
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;AB013829_g;EU287247_s	EU287247_s	0	0.024
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;AB013829_g;EU491415_s	EU491415_s	0	0.024
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;AB013829_g;EU491466_s	EU491466_s	0	0.024
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;AB013829_g;EU617758_s	EU617758_s	0	0.752
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;AB013829_g;EU652521_s	EU652521_s	0	1.624
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;AB013829_g;EU652523_s	EU652523_s	0	0.364
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;AB013829_g;EU652524_s	EU652524_s	0	0.194
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;AB013829_g;FJ202524_s	FJ202524_s	0	0.048
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;AB013829_g;FJ545556_s	FJ545556_s	0	0.024

Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;AB013829_g;FJ748779_s	FJ748779_s	0	0.024
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;AB013829_g;FM211757_s	FM211757_s	0	0.558
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;AB013829_g;GU118022_s	GU118022_s	0	0.121
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;AB013829_g;GU118029_s	GU118029_s	0	0.121
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;AB013829_g;GU230338_s	GU230338_s	0.0168	0.218
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;AB013829_g;HQ191028_s	HQ191028_s	0.0505	0.218
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;AB013829_g;JF344094_s	JF344094_s	0	0.242
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;AB013829_g;JF344416_s	JF344416_s	0	0.145
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;AB013829_g;JF344486_s	JF344486_s	0	0.121
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;AB013829_g;JN166335_s	JN166335_s	0.0337	0.024
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;AB013829_g;JN977186_s	JN977186_s	0	0.121
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;AB013829_g;JQ347364_s	JQ347364_s	0.0168	0.097
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;AM997777_g;AM997777_g_uc	AM997777_g_uc	0.0168	0.048
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;AM997777_g;AM997777_s	AM997777_s	0	0.024
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;AM997777_g;HQ727616_s	HQ727616_s	0	0.097
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;AM997777_g;JX138745_s	JX138745_s	0	0.048
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;AM997923_g;AM997923_g_uc	AM997923_g_uc	0	0.024
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;DQ351802_g;DQ351802_g_uc	DQ351802_g_uc	0	0.412
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;DQ351802_g;DQ351802_s	DQ351802_s	0	0.339
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;DQ351802_g;EU287158_s	EU287158_s	0.0168	0.048
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;EU734940_g;EU617769_s	EU617769_s	0	0.073
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;EU734940_g;EU734940_g_uc	EU734940_g_uc	0	0.024
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;FJ264749_g;4P002718_s	4P002718_s	0	0.121
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;AB013829_f;;FJ264749_g;FJ264749_g_uc	FJ264749_g_uc	0	0.218
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Steroidobacter_o;;Steroidobacter_o_uc;;Steroidobacter_o_uc_g;Steroidobacter_o_uc_s	Steroidobacter_o	0	0.024
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Thiotrichales;;Beggiatoaceae;;Beggiatoaceae_uc;;Beggiatoaceae_uc_s	Beggiatoaceae_uc	0.0505	0
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Thiotrichales;;Methylophaga_f;;Methylophaga_f_uc;;Methylophaga_f_uc_s	Methylophaga_f	0	0.073
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Vibrionales;;Vibrionaceae;;Photobacterium;Photobacterium frigidiphilum	Photobacterium fr	0.0337	0
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Vibrionales;;Vibrionaceae;;Photobacterium;Photobacterium indicum	Photobacterium in	2.4226	0
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Vibrionales;;Vibrionaceae;;Photobacterium;Photobacterium lipolyticum	Photobacterium li	0.2524	0
Bacteria;;;Proteobacteria;;Gammaproteobacteria;;Vibrionales;;Vibrionaceae;;Photobacterium;Photobacterium_uc	Photobacterium_u	0.0505	0

Bacteria;;Proteobacteria;;Gammaproteobacteria;;Vibrionales;;Vibrionaceae;;Vibrio;Catenococcus thiocyli	Catenococcus thio	0	0.024
Bacteria;;Proteobacteria;;Gammaproteobacteria;;Vibrionales;;Vibrionaceae;;Vibrionaceae_uc;Vibrionaceae_uc_s	Vibrionaceae_uc	0.0505	0
Bacteria;;Proteobacteria;;Proteobacteria_uc;;Proteobacteria_uc_o;;Proteobacteria_uc_f;;Proteobacteria_uc_g;Proteobacteria_uc_s	Proteobacteria_uc	0	0.024
Bacteria;;SAR406;;SAR406_c;;AJ347757_o;;FJ716276_f;;FJ716276_f_uc;FJ716276_f_uc_s	FJ716276_f_uc_s	0	0.024
Bacteria;;Spirochaetes;;Spirochaetes_c;;Spirochaetales;;EU290731_f;;EU290731_g;EU290731_g_uc	EU290731_g_uc	0.0168	0.024
Bacteria;;Spirochaetes;;Spirochaetes_c;;Spirochaetales;;Leptosiraceae;;Leptonema;Leptonema_u_c	Leptonema_uc	0	0.024
Bacteria;;Spirochaetes;;Spirochaetes_c;;Spirochaetales;;Spirochaetaceae;;FJ748821_g;EU488391_s	EU488391_s	0.0337	0
Bacteria;;Spirochaetes;;Spirochaetes_c;;Spirochaetales;;Spirochaetaceae;;FJ748821_g;FJ748821_g_uc	FJ748821_g_uc	0.0673	0
Bacteria;;Spirochaetes;;Spirochaetes_c;;Spirochaetales;;Spirochaetaceae;;FJ748821_g;FJ813563_s	FJ813563_s	0.0673	0
Bacteria;;Spirochaetes;;Spirochaetes_c;;Spirochaetales;;Spirochaetaceae;;Spirochaetaceae_uc;Spirochaetaceae_uc_s	Spirochaetaceae_u	0.0337	0
Bacteria;;Tenericutes;;Mollicutes;;AM275436_o;;GQ866089_f;;GQ866089_f_uc;GQ866089_f_uc_s	GQ866089_f_uc	0	0.097
Bacteria;;Tenericutes;;Mollicutes;;GU196243_o;;GU196243_f;;GU196243_f_uc;GU196243_f_uc_s	GU196243_f_uc	0.0168	0.073
Bacteria;;Tenericutes;;Mollicutes;;GU196243_o;;GU196243_o_uc;;GU196243_o_uc_g;GU196243_o_uc_s	GU196243_o_uc	0	0.024
Bacteria;;Tenericutes;;Mollicutes;;GU196243_o;;HM127590_f;;HM127590_f_uc;HM127590_f_uc_s	HM127590_f_uc	0	0.048
Bacteria;;Tenericutes;;Tenericutes_uc;;Tenericutes_uc_o;;Tenericutes_uc_f;;Tenericutes_uc_g;Tenericutes_uc_s	Tenericutes_uc_s	0	0.024
Bacteria;;TM6;;TM6_c;;FJ264771_o;;FJ264771_f;;FJ264771_f_uc;FJ264771_f_uc_s	FJ264771_f_uc_s	0.0841	0.024
Bacteria;;TM6;;TM6_c;;FJ264771_o;;FJ264771_f;;FJ264771_g;FJ264771_g_uc	FJ264771_g_uc	0.0673	0
Bacteria;;TM6;;TM6_c;;TM6_o;;AM997772_f;;AM997772_g;AM997772_g_uc	AM997772_g_uc	0	0.024
Bacteria;;TM6;;TM6_c;;TM6_o;;AY661981_f;;AY661981_g;AY661981_g_uc	AY661981_g_uc	0.0168	0.024
Bacteria;;TM6;;TM6_c;;TM6_o;;DQ129127_f;;DQ129127_f_uc;DQ129127_f_uc_s	DQ129127_f_uc	0	0.048
Bacteria;;TM6;;TM6_c;;TM6_o;;EU038003_f;;AB257652_g;4P004701_s	4P004701_s	0.0168	0
Bacteria;;TM6;;TM6_c;;TM6_o;;EU038003_f;;AB257652_g;4P004710_s	4P004710_s	0	0.024
Bacteria;;TM6;;TM6_c;;TM6_o;;EU038003_f;;AB257652_g;AB257652_g_uc	AB257652_g_uc	0.0168	0
Bacteria;;TM6;;TM6_c;;TM6_o;;EU236331_f;;EU236331_f_uc;EU236331_f_uc_s	EU236331_f_uc_s	0	0.048
Bacteria;;TM6;;TM6_c;;TM6_o;;EU266778_f;;EU266778_f_uc;EU266778_f_uc_s	EU266778_f_uc_s	0	0.048
Bacteria;;TM6;;TM6_c;;TM6_o;;EU373911_f;;EU373911_f_uc;EU373911_f_uc_s	EU373911_f_uc_s	0	0.024
Bacteria;;TM6;;TM6_c;;TM6_o;;EU491195_f;;EU491195_g;EU491195_s	EU491195_s	0	0.024
Bacteria;;TM6;;TM6_c;;TM6_o;;EU735020_f;;EU735020_f_uc;EU735020_f_uc_s	EU735020_f_uc_s	0.0168	0.024
Bacteria;;TM6;;TM6_c;;TM6_o;;GU172187_f;;GU172187_f_uc;GU172187_f_uc_s	GU172187_f_uc	0.0168	0.097
Bacteria;;TM6;;TM6_c;;TM6_o;;HM480205_f;;HM480205_f_uc;HM480205_f_uc_s	HM480205_f_uc	0	0.048
Bacteria;;TM6;;TM6_c;;TM6_o;;HQ190379_f;;HQ190379_f_uc;HQ190379_f_uc_s	HQ190379_f_uc	0	0.024
Bacteria;;TM6;;TM6_c;;TM6_o;;JF344150_f;;JF344150_f_uc;JF344150_f_uc_s	JF344150_f_uc_s	0	0.097
Bacteria;;TM6;;TM6_c;;TM6_o;;JF344625_f;;JF344625_g;JF344625_g_uc	JF344625_g_uc	0.0337	0
Bacteria;;TM6;;TM6_c;;TM6_o;;JF830145_f;;JF830145_f_uc;JF830145_f_uc_s	JF830145_f_uc_s	0.0168	0
Bacteria;;TM7;;TM7_c;;JF421159_o;;EU328026_f;;4P002782_g;4P002782_g_uc	4P002782_g_uc	0.0168	0
Bacteria;;TM7;;TM7_c;;JF421159_o;;JF421159_f;;JF421159_f_uc;JF421159_f_uc_s	JF421159_f_uc_s	0	0.145
Bacteria;;UT06;;AM712334_c;;DQ811951_o;;DQ811951_f;;DQ811951_f_uc;DQ811951_f_uc_s	DQ811951_f_uc	0.0337	0
Bacteria;;UT06;;UT06_c;;UT06_o;;AF323761_f;;AF323761_f_uc;AF323761_f_uc_s	AF323761_f_uc_s	0.2187	0.024
Bacteria;;UT06;;UT06_c;;UT06_o;;AF323761_f;;EU385684_g;EU385684_s	EU385684_s	0.0505	0
Bacteria;;Verrucomicrobia;;Opitutae;;Puniceococcales;;AY695840_f;;AY695840_f_uc;AY695840_f_uc_s	AY695840_f_uc	0	0.024

Bacteria;;;Verrucomicrobiae;;Opitutae;;Puniceococcales;;Pelagococcus_f;;Pelagococcus_f_uc;Pelagicoccus_f_uc_s	Pelagococcus_f_uc	0	0.024
Bacteria;;;Verrucomicrobiae;;Verrucomicrobiae;;Verrucomicrobiales;;Rubritalea_f;;GQ262724_g;GQ262724_g_uc	GQ262724_g_uc	0	0.024
Bacteria;;;WM88;;WM88_c;;WM88_o;;WM88_f;;WM88_g;FJ712470_s	FJ712470_s	0	0.024
Bacteria;;;WS1;;WS1_c;;WS1_o;;WS1_o_uc;;WS1_o_uc_g;WS1_o_uc_s	WS1_o_uc_s	0	0.024
Bacteria;;;WS3;;AQSL_c;;AQSL_o;;AQSL_f;;AQSL_g;AQSL_g_uc	AQSL_g_uc	0.0168	0
Bacteria;;;WS3;;AQSL_c;;AQSL_o;;EU592431_f;;EU592431_f_uc;EU592431_f_uc_s	EU592431_f_uc_s	0.0841	0
Bacteria;;;WS3;;GU302492_c;;AB252949_o;;EU734965_f;;EU734965_f_uc;EU734965_f_uc_s	EU734965_f_uc_s	0	0.073
Bacteria;;;WS3;;GU302492_c;;AB252949_o;;EU734965_f;;EU734965_g;KC010014_s	KC010014_s	0	0.024
Bacteria;;;WS3;;GU302492_c;;AB530233_o;;AB530233_f;;AB530233_f_uc;AB530233_f_uc_s	AB530233_f_uc_s	0.1178	0
Bacteria;;;WS3;;GU302492_c;;AB530233_o;;AB530233_f;;AB530233_g;AB530233_g_uc	AB530233_g_uc	0	0.073
Bacteria;;;WS3;;GU302492_c;;AB530233_o;;AB530233_f;;AB530233_g;HM598262_s	HM598262_s	0.0168	0
Bacteria;;;WS3;;GU302492_c;;AB530233_o;;AB530233_f;;AB530233_g;JX391644_s	JX391644_s	0.0505	0.024
Bacteria;;;WS3;;GU302492_c;;AB530233_o;;AB530233_o_uc;;AB530233_o_uc_g;AB530233_o_uc_s	AB530233_o_uc_s	0.0673	0
Bacteria;;;WS3;;GU302492_c;;AB530233_o;;EU491142_f;;EU491142_g;EU491142_g_uc	EU491142_g_uc	0.0337	0
Bacteria;;;WS3;;GU302492_c;;AB530233_o;;GU302492_f;;GU302492_f_uc;GU302492_f_uc_s	GU302492_f_uc_s	0.0337	0.024
Bacteria;;;WS3;;GU302492_c;;AB530233_o;;GU302492_f;;GU302492_g;GU302492_g_uc	GU302492_g_uc	0	0.024
Bacteria;;;WS3;;GU302492_c;;AM991194_o;;AM991194_f;;AM991194_f_uc;AM991194_f_uc_s	AM991194_f_uc_s	0.0168	0.073
Bacteria;;;WS3;;GU302492_c;;AM991194_o;;AM991194_f;;AM991194_g;EF032778_s	EF032778_s	0	0.024
Bacteria;;;WS3;;GU302492_c;;AM991194_o;;AM991194_f;;DQ431883_g;DQ431883_g_uc	DQ431883_g_uc	0.0168	0
Bacteria;;;WS3;;GU302492_c;;AM991194_o;;AM991194_o_uc;;AM991194_o_uc_g;AM991194_o_uc_s	AM991194_o_uc_s	0	0.024
Bacteria;;;WS3;;GU302492_c;;AM991194_o;;EU135571_f;;EU135571_f_uc;EU135571_f_uc_s	EU135571_f_uc_s	0.0673	0
Bacteria;;;WS3;;GU302492_c;;AM991194_o;;EU881351_f;;EU881351_f_uc;EU881351_f_uc_s	EU881351_f_uc_s	0.0168	0.073
Bacteria;;;WS3;;GU302492_c;;AM991194_o;;EU881351_f;;EU881351_g;AY592156_s	AY592156_s	0.0168	0
Bacteria;;;WS3;;GU302492_c;;DQ811952_o;;DQ811952_f;;DQ811952_f_uc;DQ811952_f_uc_s	DQ811952_f_uc_s	0.0505	0
Bacteria;;;WS3;;GU302492_c;;EU488324_o;;EU488324_f;;EU488324_g;EU488324_s	EU488324_s	0	0.024
Bacteria;;;WS3;;GU302492_c;;EU652628_o;;EU652628_f;;EU652628_f_uc;EU652628_f_uc_s	EU652628_f_uc_s	0	0.024
Bacteria;;;WS3;;GU302492_c;;GQ246422_o;;GQ246422_f;;GQ246422_f_uc;GQ246422_f_uc_s	GQ246422_f_uc_s	0.0168	0
Bacteria;;;WS3;;GU302492_c;;GQ246422_o;;GQ246422_f;;GQ246422_g;FJ358926_s	FJ358926_s	0.0337	0
Bacteria;;;WS3;;GU302492_c;;GQ246422_o;;GQ246422_f;;GQ246422_g;FJ712435_s	FJ712435_s	0.0337	0
Bacteria;;;WS3;;GU302492_c;;HM243942_o;;FJ484527_f;;FJ484527_f_uc;FJ484527_f_uc_s	FJ484527_f_uc_s	0.0505	0