

	level	taxon	index	p.value
1	Genus	Persicirhabdus	14	0.010
2	Genus	Coraliomargarita	14	0.015
3	Family	Flavobacteriaceae	14	0.005
4	Family	Flavobacteriaceae	14	0.005
5	Domain	Bacteria	13	0.010
6	Genus	Rubripirellula	13	0.035
7	Family	Pirellulaceae	13	0.005
8	Genus	Teleostei	12	0.005
9	Class	Bacilli	10	0.005
10	Genus	P.palmC41	10	0.045
11	Genus	PAUC43f_marine_benthic_group	10	0.005
12	Class	Thermodesulfovibrionia	10	0.005
13	Family	Rubritaleaceae	10	0.035
14	Family	Anaerolineaceae	10	0.005
15	Order	Actinomarinales	10	0.005
16	Genus	Actinomyces	10	0.015
17	Genus	Nitrospira	10	0.020
18	Genus	Subgroup_9	10	0.025
19	Genus	Subgroup_21	10	0.005
20	Genus	Subgroup_17	10	0.010
21	Genus	P9X2b3D02	10	0.005
22	Genus	Schekmanbacteria	10	0.005
23	Genus	WCHB1–81	10	0.005
24	Genus	Bacteroidetes_BD2–2	10	0.005
25	Genus	Roseimarinus	10	0.010
26	Family	Marinifilaceae	10	0.045
27	Order	Bacteroidales	10	0.005
28	Family	Cyclobacteriaceae	10	0.005
29	Family	Rhodothermaceae	10	0.005
30	Genus	Sediminispirochaeta	10	0.015
31	Genus	Treponema	10	0.035
32	Genus	Subgroup_23	10	0.005
33	Genus	Subgroup_10	10	0.005
34	Family	Desulfovibrionaceae	10	0.005
35	Genus	4572–13	10	0.040
36	Genus	Sva0485	10	0.005
37	Genus	SEEP–SRB1	10	0.005
38	Genus	Sva0081_sediment_group	10	0.005
39	Order	Syntrophobacterales	10	0.005
40	Genus	Sva1033	10	0.005
41	Genus	NB1–j	10	0.005
42	Family	Sandaracinaceae	10	0.005
43	Genus	Desulfotalea	10	0.005
44	Genus	Brevundimonas	10	0.025
45	Genus	Sedimentitalea	10	0.005
46	Family	Hyphomicrobiaceae	10	0.005
47	Genus	Sphingobium	10	0.010
48	Genus	Altererythrobacter	10	0.035
49	Family	Kiloniellaceae	10	0.005
50	Genus	UBA10353_marine_group	10	0.005
51	Class	Gammaproteobacteria	10	0.005
52	Genus	Acinetobacter	10	0.005
53	Genus	Ralstonia	10	0.010
54	Genus	Hahella	10	0.040
55	Family	Halieaceae	10	0.005
56	Genus	OM60(NOR5)_clade	10	0.005
57	Order	Cellvibrionales	10	0.045
58	Genus	Psychromonas	10	0.005
59	Genus	Thiogranum	10	0.005
60	Order	Gammaproteobacteria_Incertae_Sedis	10	0.005
61	Genus	B2M28	10	0.010
62	Genus	Roseibacillus	9	0.005
63	Genus	Fluviicola	9	0.010
64	Family	Saprospiraceae	9	0.015
65	Genus	Hellea	9	0.015
66	Genus	Alcanivorax	9	0.040
67	Genus	Psychrobacter	9	0.030
68	Genus	2013Ark19i	9	0.015
69	Genus	SAR86_clade	9	0.030
70	Genus	Marinobacter	9	0.040
71	Genus	Corynebacterium	7	0.020
72	Genus	Chaetoceros	4	0.005
73	Genus	Fusibacter	4	0.005
74	Class	Lentisphaeria	4	0.025
75	Genus	Aminicenantales	4	0.005
76	Genus	Dadabacteriales	4	0.005
77	Genus	SBR1031	4	0.005
78	Genus	Lawsonella	4	0.040
79	Genus	Halarcobacter	4	0.005
80	Genus	Candidatus_Nitrosopumilus	4	0.005
81	Genus	Chryseobacterium	4	0.020
82	Genus	Salinimicrobium	4	0.005
83	Genus	Lewinella	4	0.005
84	Genus	Mesonina	4	0.030
85	Genus	Salegentibacter	4	0.005
86	Genus	Marixanthomonas	4	0.005
87	Genus	Ulvibacter	4	0.005
88	Genus	Pseudofulvibacter	4	0.005
89	Genus	WCHB1–41	4	0.015
90	Order	Desulfobacterales	4	0.005
91	Family	Desulfobulbaceae	4	0.005
92	Family	Hyphomonadaceae	4	0.005
93	Genus	Maritalea	4	0.005
94	Genus	Halocynthiibacter	4	0.035
95	Genus	Octadecabacter	4	0.015
96	Genus	Moritella	4	0.035
97	Family	Pasteurellaceae	4	0.035
98	Genus	Massilia	4	0.005
99	Genus	Neisseria	4	0.045
100	Genus	Salinimonas	4	0.005
101	Genus	Colwellia	4	0.005
102	Genus	Oleiphilus	4	0.025
103	Genus	SAR92_clade	4	0.005
104	Genus	Coxiella	4	0.040
105	Genus	Lysobacter	4	0.020
106	Genus	pltb–vmat–80	4	0.030