

| | 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 | Class | Bacilli | 10 | 0.005 |
| 9 | Genus | P.palmC41 | 10 | 0.045 |
| 10 | Genus | PAUC43f_marine_benthic_group | 10 | 0.005 |
| 11 | Class | Thermodesulfovibrionia | 10 | 0.005 |
| 12 | Family | Rubritaleaceae | 10 | 0.035 |
| 13 | Family | Anaerolineaceae | 10 | 0.005 |
| 14 | Order | Actinomarinales | 10 | 0.005 |
| 15 | Genus | Actinomyces | 10 | 0.015 |
| 16 | Genus | Nitrospira | 10 | 0.020 |
| 17 | Genus | Subgroup_9 | 10 | 0.025 |
| 18 | Genus | Subgroup_21 | 10 | 0.005 |
| 19 | Genus | Subgroup_17 | 10 | 0.010 |
| 20 | Genus | P9X2b3D02 | 10 | 0.005 |
| 21 | Genus | Schekmanbacteria | 10 | 0.005 |
| 22 | Genus | WCHB1–81 | 10 | 0.005 |
| 23 | Genus | Bacteroidetes_BD2–2 | 10 | 0.005 |
| 24 | Genus | Roseimarinus | 10 | 0.010 |
| 25 | Family | Marinifilaceae | 10 | 0.045 |
| 26 | Order | Bacteroidales | 10 | 0.005 |
| 27 | Family | Cyclobacteriaceae | 10 | 0.005 |
| 28 | Family | Rhodothermaceae | 10 | 0.005 |
| 29 | Genus | Sediminispirochaeta | 10 | 0.015 |
| 30 | Genus | Treponema | 10 | 0.035 |
| 31 | Genus | Subgroup_23 | 10 | 0.005 |
| 32 | Genus | Subgroup_10 | 10 | 0.005 |
| 33 | Family | Desulfovibrionaceae | 10 | 0.005 |
| 34 | Genus | 4572–13 | 10 | 0.040 |
| 35 | Genus | Sva0485 | 10 | 0.005 |
| 36 | Genus | SEEP–SRB1 | 10 | 0.005 |
| 37 | Genus | Sva0081_sediment_group | 10 | 0.005 |
| 38 | Order | Syntrophobacterales | 10 | 0.005 |
| 39 | Genus | Sva1033 | 10 | 0.005 |
| 40 | Genus | NB1–j | 10 | 0.005 |
| 41 | Family | Sandaracinaceae | 10 | 0.005 |
| 42 | Genus | Desulfotalea | 10 | 0.005 |
| 43 | Genus | Brevundimonas | 10 | 0.025 |
| 44 | Genus | Sedimentitalea | 10 | 0.005 |
| 45 | Family | Hyphomicrobiaceae | 10 | 0.005 |
| 46 | Genus | Sphingobium | 10 | 0.010 |
| 47 | Genus | Altererythrobacter | 10 | 0.035 |
| 48 | Family | Kiloniellaceae | 10 | 0.005 |
| 49 | Genus | UBA10353_marine_group | 10 | 0.005 |
| 50 | Class | Gammaproteobacteria | 10 | 0.005 |
| 51 | Genus | Acinetobacter | 10 | 0.005 |
| 52 | Genus | Ralstonia | 10 | 0.010 |
| 53 | Genus | Hahella | 10 | 0.040 |
| 54 | Family | Haliaceae | 10 | 0.005 |
| 55 | Genus | OM60(NOR5)_clade | 10 | 0.005 |
| 56 | Order | Cellvibrionales | 10 | 0.045 |
| 57 | Genus | Psychromonas | 10 | 0.005 |
| 58 | Genus | Thiogranum | 10 | 0.005 |
| 59 | Order | Gammaproteobacteria_Incertae_Sedis | 10 | 0.005 |
| 60 | Genus | B2M28 | 10 | 0.010 |
| 61 | Genus | Brevinema | 6 | 0.010 |
| 62 | Family | Chlamydiaceae | 6 | 0.035 |
| 63 | Genus | Ichthyophonidae | 3 | 0.005 |
| 64 | Class | Actinopterygii | 3 | 0.015 |
| 65 | Genus | Colidextribacter | 3 | 0.005 |
| 66 | Family | Ruminococcaceae | 3 | 0.010 |
| 67 | Genus | Anaerofilum | 3 | 0.005 |
| 68 | Genus | Angelakisella | 3 | 0.010 |
| 69 | Genus | Clostridia_UCG–014 | 3 | 0.020 |
| 70 | Genus | Anaerovorax | 3 | 0.005 |
| 71 | Genus | Candidatus_Hepatoplasma | 3 | 0.010 |
| 72 | Genus | [Anaerorhabdus]_furcosa_group | 3 | 0.005 |
| 73 | Family | Mycoplasmataceae | 3 | 0.045 |
| 74 | Family | Lachnospiraceae | 3 | 0.005 |
| 75 | Class | Clostridia | 3 | 0.020 |
| 76 | Genus | Raoultibacter | 3 | 0.010 |
| 77 | Family | Arcobacteraceae | 3 | 0.020 |
| 78 | Genus | Desulfovibrio | 3 | 0.005 |
| 79 | Genus | Pir4_lineage | 3 | 0.020 |
| 80 | Genus | Rs–K70_termite_group | 3 | 0.045 |
| 81 | Family | Geminicoccaceae | 3 | 0.010 |
| 82 | Genus | Pseudahrensia | 3 | 0.005 |
| 83 | Family | Methyloligellaceae | 3 | 0.025 |
| 84 | Family | Arenicellaceae | 3 | 0.010 |
| 85 | Family | Spongiibacteraceae | 3 | 0.020 |