Purple spot damage dynamics investigated by an integrated approach on a 1244 A.D. parchment roll from the Secret Vatican Archive – Migliore L., Thaller M.C., Vendittozzi G., Mejia A.Y., Mercuri F., Orlanducci S. & Rubechini A.

Table S1. OTUs identification

OTU n°	Dominion (% score)	Phylum (% score)	Class (% score)	Order (% score)	Family (% score)	Genus (% score)
OTU0001	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (91)	unclassified (<50)
OTU0002	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (79)	unclassified (<50)
OTU0003	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Vibrio* (79)
OTU0004	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (99)	*Saccharopolyspora* (50)
OTU0005	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Alteromonadales (100)	Pseudoalteromonadaceae (100)	*Pseudoalteromonas* (100)
OTU0006	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Vibrio* (63)
OTU0007	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (100)	Moraxellaceae (100)	*Acinetobacter* (100)
OTU0008	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Aeromonadales (98)	Aeromonadaceae (98)	*Aeromonas* (98)
OTU0009	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Vibrio* (95)
OTU0010	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (94)	Vibrionaceae (94)	*Photobacterium* (56)
OTU0011	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (100)	Moraxellaceae (100)	*Acinetobacter* (100)
OTU0012	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Bacillalles (100)	Staphylococcaceae (100)	*Staphylococcus* (100)
OTU0013	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (100)	Pseudomonadaceae (100)	*Pseudomonas* (100)
OTU0014	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Lactobacillales (100)	Streptococcaceae (100)	*Streptococcus* (100)
OTU0015	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (82)	unclassified (<50)
OTU0016	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Enterobacteriales (100)	Enterobacteriaceae (100)	unclassified (<50)
OTU0017	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhizobiales (97)	Phyllobacteriaceae (94)	*Phyllobacterium* (94)
OTU0018	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Lactobacillales (99)	Enterococcaceae (98)	*Enterococcus* (98)
OTU0019	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (97)	*Saccharopolyspora* (74)

OTU0020	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Corynebacteriales (100)	Corynebacteriaceae (100)	*Corynebacterium* (100)
OTU0021	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Bacillalles (100)	Staphylococcaceae (100)	*Staphylococcus* (96)
OTU0022	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Vibrio* (83)
OTU0023	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Bacillales (94)	Bacillaceae1 (67)	*Bacillus* (65)
OTU0024	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Enterobacteriales (100)	Enterobacteriaceae (100)	*Escherichia/Shigella* (84)
OTU0025	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Vibrio* (72)
OTU0026	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (84)	unclassified (<50)
OTU0027	Bacteria (100)	Proteobacteria (100)	Betaproteobacteria (100)	Neisseriales (96)	Neisseriaceae (96)	unclassified (<50)
OTU0028	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (98)	*Saccharopolyspora* (84)
OTU0029	Bacteria (100)	Actinobacteria (98)	Actinobacteria (98)	Corynebacteriales (98)	Dietziaceae (55)	*Dietzia* (55)
OTU0030	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Vibrio* (95)
OTU0031	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (95)	unclassified (<50)
OTU0032	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (100)	Moraxellaceae (100)	*Acinetobacter* (100)
OTU0033	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Corynebacteriales (100)	Corynebacteriaceae (100)	*Turicella* (97)
OTU0034	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (100)	Pseudomonadaceae (100)	*Pseudomonas* (86)
OTU0035	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Aeromonadales (100)	Aeromonadaceae (100)	*Alteromonas* (95)
OTU0036	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (100)	Moraxellaceae (100)	*Acinetobacter* (99)
OTU0037	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (99)	Pseudomonadaceae (99)	*Pseudomonas* (94)
OTU0039	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Photobacterium* (55)
OTU0040	Bacteria (100)	Proteobacteria (100)	Betaproteobacteria (100)	Burkholderiales (100)	Oxalobacteraceae (100)	*Massilia* (91)
OTU0041	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Bacillales (96)	Staphylococcaceae (94)	*Staphylococcus* (91)
OTU0042	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Lactobacillales (100)	Streptococcaceae (100)	*Streptococcus* (100)

OTU0043	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Oceanospirillales (100)	Oceanospirillaceae (100)	*Marinomonas* (100)
OTU0044	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Lactobacillales (100)	Streptococcaceae (100)	*Streptococcus* (100)
OTU0045	Bacteria (100)	Firmicutes (100)	Clostridia (100)	Clostridiales (100)	Clostridiales_Incertae Sedis XI (100)	*Finegoldia* (100)
OTU0046	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Micrococcales (100)	Micrococcaceae (100)	*Micrococcus* (100)
OTU0047	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (98)	*Saccharopolyspora* (52)
OTU0048	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (100)	Moraxellaceae (100)	*Enhydrobacter* (100)
OTU0049	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Corynebacteriales (100)	Corynebacteriaceae (100)	*Corynebacterium* (100)
OTU0050	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Corynebacteriales (100)	Corynebacteriaceae (100)	*Corynebacterium* (100)
OTU0051	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (89)	*Saccharopolyspora* (82)
OTU0052	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Alteromonadales (100)	Pseudoalteromonadaceae (100)	*Pseudoalteromonas* (100)
OTU0053	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (90)	Vibrionaceae (90)	unclassified (<50)
OTU0054	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (99)	Pseudonocardiaceae (94)	unclassified (<50)
OTU0055	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (100)	Moraxellaceae (100)	*Acinetobacter* (100)
OTU0056	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Vibrio* (94)
OTU0057	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (100)	Moraxellaceae (100)	*Acinetobacter* (100)
OTU0058	Bacteria (100)	Proteobacteria (100)	Betaproteobacteria (100)	Burkholderiales (100)	Oxalobacteraceae (100)	*Massilia* (89)
OTU0059	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (100)	Moraxellaceae (100)	*Acinetobacter* (100)
OTU0060	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pasteurellales (100)	Pasteurellaceae (100)	*Haemophilus* (66)
OTU0061	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Oceanospirillales (100)	Halomonadaceae (100)	*Halomonas* (97)
OTU0062	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (53)
OTU0063	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Lactobacillales (100)	Carnobacteriaceae (100)	*Dolosigranulum* (100)
OTU0064	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (96)	Vibrionaceae (96)	*Photobacterium* (55)
OTU0065	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Lactobacillales (100)	Streptococcaceae (100)	*Streptococcus* (99)

OTU0066	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (100)	Moraxellaceae (100)	*Acinetobacter* (100)
OTU0067	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhodobacterales (100)	Rhodobacteraceae (100)	*Paracoccus*
OTU0068	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (50)
OTU0069	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhodobacterales (98)	Rhodobacteraceae (98)	unclassified (<50)
OTU0070	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Bacillalles (100)	Bacillales_Incertae Sedis XII (100)	*Gemella* (100)
OTU0071	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Oceanospirillales (100)	Halomonadaceae (98)	unclassified (<50)
OTU0072	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Lactobacillales (100)	unclassified (<50)	unclassified (<50)
OTU0073	Bacteria (100)	Fusobacteria (100)	Fusobacteriia (100)	Fusobacteriales (100)	Fusobacteriaceae (100)	unclassified (<50)
OTU0074	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (99)	Vibrionaceae (99)	unclassified (<50)
OTU0075	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Alteromonadales (99)	Shewanellaceae (98)	*Shewanella* (98)
OTU0076	Bacteria (100)	Firmicutes (100)	Negativicutes (100)	Selenomonadales (100)	Veillonellaceae (100)	*Veillonella* (84)
OTU0077	Bacteria (100)	Actinobacteria (98)	Actinobacteria (98)	Pseudonocardiales (98)	Pseudonocardiaceae (78)	unclassified (<50)
OTU0078	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Aliivibrio* (100)
OTU0079	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (98)	Pseudonocardiaceae (77)	unclassified (<50)
OTU0080	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Corynebacteriales (100)	Corynebacteriaceae (84)	*Corynebacterium* (84)
OTU0081	Bacteria (100)	Firmicutes (100)	Clostridia (100)	Clostridiales (100)	Clostridiales_Incertae Sedis XI (100)	*Anaerococcus* (100)
OTU0082	Bacteria (100)	Fusobacteria (100)	Fusobacteriia (100)	Fusobacteriales (100)	Fusobacteriaceae (100)	*Fusobacterium* (98)
OTU0083	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (56)
OTU0084	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Corynebacteriales (100)	Corynebacteriaceae (98)	*Corynebacterium* (98)
OTU0085	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Actinomycetales (100)	Actinomycetaceae (100)	*Actinomyces* (100)
OTU0086	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Vibrio* (91)
OTU0087	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pasteurellales (100)	Pasteurellaceae (100)	*Haemophilus* (91)
OTU0088	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Micrococcales (100)	Micrococcaceae (100)	*Rothia* (100)
OTU0089	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (98)	Pseudomonadaceae (98)	*Pseudomonas* (87)

OUT0090	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (94)	Vibrionaceae (94)	*Vibrio* (67)
OUT0091	Bacteria (100)	Firmicutes (99)	Bacilli (99)	Lactobacillales (99)	Lactobacillaceae (87)	unclassified (<50)
OUT0092	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Corynebacteriales (100)	Corynebacteriaceae (100)	*Corynebacterium* (100)
OUT0093	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Aeromonadales (100)	Aeromonadaceae (100)	*Aeromonas* (100)
OUT0094	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Micrococcales (100)	Micrococcaceae (99)	*Kocuria* (95)
OUT0095	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pasteurellales (100)	Pasteurellaceae (100)	*Haemophilus* (76)
OUT0096	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (73)	unclassified (<50)
OUT0097	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (100)	Pseudomonadaceae (100)	*Pseudomonas* (79)
OUT0098	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	unclassified (<50)
OUT0099	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (70)
OUT0100	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhodospirillales (100)	Rhodospirillaceae (100)	*Azospirillum* (99)
OUT0101	Bacteria (100)	Firmicutes (100)	Negativicutes (100)	Selenomonadales (100)	Veillonellaceae (100)	*Veillonella* (100)
OUT0102	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Vibrio* (61)
OUT0103	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Chromatiales (100)	Chromatiaceae (100)	*Rheinheimera* (100)
OUT0104	Bacteria (100)	Fusobacteria (100)	Fusobacteriia (100)	Fusobacteriales (100)	Fusobacteriaceae (100)	*Cetobacterium* (92)
OUT0105	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (97)	unclassified (<50)
OUT0106	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (99)	unclassified (<50)
OUT0107	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Corynebacteriales (100)	Corynebacteriaceae (100)	*Corynebacterium* (100)
OUT0108	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Micrococcales (100)	Micrococcaceae (100)	*Rothia* (100)
OUT0109	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Vibrio* (59)
OUT0110	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Aeromonadales (99)	Aeromonadaceae (99)	*Aeromonas* (96)
OUT0111	Bacteria (100)	Proteobacteria (100)	Betaproteobacteria (94	Neisseriales (70)	Neisseriaceae (70)	unclassified (<50)
OUT0112	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (96)	Pseudomonadaceae (96)	*Pseudomonas* (75)
OUT0113	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (89)	unclassified (<50)

OTU0114	Bacteria (100)	Firmicutes (100)	Clostridia (100)	Clostridiales (100)	Clostridiales_Incertae Sedis XI (100)	*Peptoniphilus* (100)
OTU0115	Bacteria (100)	Bacteroidetes (98)	Bacteroidia (85	Bacteroidales (85)	Prevotellaceae (77)	*Alloprevotella* (66)
OTU0116	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (98)	Pseudonocardiaceae (82)	unclassified (<50)
OUT0117	Bacteria (100)	Firmicutes (99)	Bacilli (99)	Bacillales (78)	Staphylococcaceae (71)	*Staphylococcus* (71)
OUT0118	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Corynebacteriales (100)	Corynebacteriaceae (91)	*Corynebacterium* (91)
OUT0119	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (53)
OUT0120	Bacteria (100)	Actinobacteria (99)	Actinobacteria (99)	Corynebacteriales (99)	unclassified (<50)	unclassified (<50)
OUT0121	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhodobacterales (87)	Rhodobacteraceae (87)	unclassified (<50)
OUT0122	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (98)	Pseudonocardiaceae (85)	unclassified (<50)
OUT0123	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Vibrio* (76)
OUT0124	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (94)	Vibrionaceae (94)	*Vibrio* (67)
OUT0125	Bacteria (100)	Deinococcus-Thermus (100)	Deinococci (100)	Deinococcales (100)	Deinococcaceae (100)	*Deinococcus* (100)
OUT0126	Bacteria (100)	Proteobacteria (100)	Betaproteobacteria (100)	Neisseriales (95)	Neisseriaceae (95)	unclassified (<50)
OUT0127	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (89)	unclassified (<50)
OUT0130	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (90)	Vibrionaceae (90)	*Salinivibrio* (56)
OUT0131	Bacteria (100)	unclassified (<50)	unclassified (<50)	unclassified (<50)	unclassified (<50)	unclassified (<50)
OUT0133	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Enterobacteriales (100)	Enterobacteriaceae (100)	unclassified (<50)
OUT0134	Bacteria (100)	Fusobacteria (100)	Fusobacteriia (100)	Fusobacteriales (100)	Fusobacteriaceae (100)	*Cetobacterium* (97)
OUT0135	Bacteria (100)	Fusobacteria (100)	Fusobacteriia (100)	Fusobacteriales (100)	Fusobacteriaceae (100)	*Fusobacterium* (97)
OUT0136	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Xanthomonadales (100)	Xanthomonadaceae (100)	*Stenotrophomonas* (97)
OUT0137	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Bacillalles (100)	Staphylococcaceae (99)	*Salinicoccus* (81)
OUT0138	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhodobacterales (89)	Rhodobacteraceae (89)	unclassified (<50)

OUT0139	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**unclassified (<50)**	**unclassified (<50)**
OUT0140	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Pseudomonadales (79)**	**Moraxellaceae (79)**	***Acinetobacter* (76)**
OUT0141	**Bacteria (100)**	**Proteobacteria (100)**	**Betaproteobacteria (100)**	**Burkholderiales (100)**	**Comamonadaceae (97)**	***Comamonas* (86)**
OUT0142	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Alteromonadales (100)**	**Pseudoalteromonadaceae (93)**	***Pseudoalteromonas* (92)**
OUT0143	**Bacteria (100)**	**Actinobacteria (99)**	**Actinobacteria (99)**	**Pseudonocardiales (99)**	**Pseudonocardiaceae (86)**	**unclassified (<50)**
OUT0144	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Pseudomonadales (82)**	**Pseudomonadaceae (82)**	***Pseudomonas* (78)**
OUT0145	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**Pseudonocardiaceae (87)**	**unclassified (<50)**
OUT0146	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (98)**	**Pseudonocardiaceae (86)**	**unclassified (<50)**
OUT0147	**Bacteria (100)**	**Proteobacteria (100)**	**Alphaproteobacteria (100)**	**Rhizobiales (100)**	**Methylobacteriaceae (100)**	***Methylobacterium* (100)**
OUT0148	**Bacteria (100)**	**Bacteroidetes (100)**	**Bacteroidia (100)**	**Bacteroidales (100)**	**Porphyromonadaceae (100)**	***Tannerella* (96)**
OUT0149	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**Pseudonocardiaceae (83)**	**unclassified (<50)**
OUT0150	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Xanthomonadales (100)**	**Xanthomonadaceae (100)**	***Stenotrophomonas* (90)**
OUT0152	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**Pseudonocardiaceae (70)**	**unclassified (<50)**
OUT0153	**Bacteria (100)**	**Firmicutes (100)**	**Bacilli (100)**	**Lactobacillales (100)**	**Streptococcaceae (100)**	***Streptococcus* (100)**
OUT0154	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**unclassified (<50)**	**unclassified (<50)**
OUT0155	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Pseudomonadales (100)**	**Moraxellaceae (100)**	***Psychrobacter* (65)**
OUT0156	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (99)**	**Pseudonocardiaceae (80)**	**unclassified (<50)**
OUT0157	**Bacteria (100)**	**Proteobacteria (100)**	**Alphaproteobacteria (100)**	**Rhodospirillales (100)**	**Rhodospirillaceae (100)**	***Azospirillum* (99)**
OUT0158	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**Pseudonocardiaceae (97)**	**unclassified (<50)**
OUT0159	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (92)**	**Vibrionaceae (92)**	***Photobacterium* (55)**
OUT0160	**Bacteria (100)**	**Proteobacteria (100)**	**Alphaproteobacteria (100)**	**Rhizobiales (100)**	**Methylobacteriaceae (100)**	***Methylobacterium* (100)**
OUT0161	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (97)**	**Aeromonadales (80)**	**Aeromonadaceae (80)**	***Aeromonas* (74)**
OUT0162	**Bacteria (100)**	**Actinobacteria (98)**	**Actinobacteria (98)**	**Pseudonocardiales (98)**	**Pseudonocardiaceae (76)**	**unclassified (<50)**
OUT0163	**Bacteria (100)**	**Firmicutes (100)**	**Bacilli (100)**	**Lactobacillales (100)**	**Streptococcaceae (99)**	***Streptococcus* (99)**

OUT0164	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (55)
OUT0165	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (100)	*Saccharopolyspora* (67)
OUT0167	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (76)
OUT0168	Bacteria (100)	Planctomycets (99)	Planctomycetia (99)	Planctomycetales (99)	Planctomycetaceae (99)	*Blastopirellula* (51)
OUT0169	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	unclassified (<50)	unclassified (<50)
OUT0170	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (87)	unclassified (<50)
OUT0172	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (54)
OUT0173	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (80)	unclassified (<50)
OUT0174	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	unclassified (<50)	unclassified (<50)
OUT0175	Bacteria (100)	Firmicutes (97)	Clostridia (96)	Clostridiales (96)	Peptostreptococcaceae (51)	unclassified (<50)
OUT0176	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pasteurellales (100)	Pasteurellaceae (100)	*Actinobacillus* (61)
OUT0178	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (85)	unclassified (<50)
OUT0179	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (97)	Vibrionaceae (97)	*Photobacterium* (51)
OUT0180	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Lactobacillales (100)	Streptococcaceae (100)	*Streptococcus* (100)
OUT0181	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (100)	Moraxellaceae (100)	*Acinetobacter* (100)
OUT0182	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (80)	unclassified (<50)
OUT0183	Bacteria (100)	Firmicutes (97)	Clostridia (92	Clostridiales (92)	unclassified (<50)	unclassified (<50)
OUT0184	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhizobiales (91)	unclassified (<50)	unclassified (<50)
OUT0185	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (64)
OUT0186	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhodobacterales (100)	Rhodobacteraceae (100)	*Silicibacter* (53)
OUT0187	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Aeromonadales (87)	Aeromonadaceae (86)	*Aeromonas* (72)
OUT0188	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhodobacterales (100)	Rhodobacteraceae (100)	unclassified (<50)
OUT0189	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhizobiales (95)	Phyllobacteriaceae (93)	*Phyllobacterium* (90)

OUT0190	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Vibrio* (72)**
OUT0191	**Bacteria (100)**	**Proteobacteria (100)**	**Alphaproteobacteria (100)**	**Rhodobacterales (96)**	**Rhodobacteraceae (96)**	***Oceanicola* (56)**
OUT0192	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Lucibacterium* (65)**
OUT0193	**Bacteria (100)**	**Proteobacteria (100)**	**Alphaproteobacteria (100)**	**Rhodobacterales (96)**	**Rhodobacteraceae (96)**	**unclassified (<50)**
OUT0194	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Alteromonadales (95)**	**Shewanellaceae (92)**	***Shewanella* (92)**
OUT0195	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Vibrio* (78)**
OUT0196	**Bacteria (100)**	**Firmicutes (100)**	**Bacilli (100)**	**Bacillalles (100)**	**Bacillaceae (96) 1**	***Anoxybacillus* (92)**
OUT0197	**Bacteria (100)**	**Bacteroidetes (100)**	**Flavobacteria (100)**	**Flavobacteriales (100)**	**Flavobacteriaceae (100)**	***Eudoraea* (66)**
OUT0198	**Bacteria (100)**	**Bacteroidetes (79)**	**Bacteroidia (79)**	**Bacteroidales (79)**	**Prevotellaceae (78)**	***Prevotella* (51)**
OUT0199	**Bacteria (100)**	**Actinobacteria (95)**	**Actinobacteria (95)**	**Pseudonocardiales (95)**	**Pseudonocardiaceae (87)**	**unclassified (<50)**
OUT0200	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**unclassified (<50)**	**unclassified (<50)**
OUT0201	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**Pseudonocardiaceae (86)**	**unclassified (<50)**
OUT0202	**Bacteria (100)**	**Actinobacteria (92)**	**Actinobacteria (92)**	**Corynebacteriales (92)**	**unclassified (<50)**	**unclassified (<50)**
OUT0203	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	**unclassified (<50)**
OUT0204	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Allomonas* (52)**
OUT0205	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Vibrio* (76)**
OUT0206	**Bacteria (100)**	**Bacteroidetes (99)**	**Bacteroidia (97)**	**Bacteroidales (97)**	**Porphyromonadaceae (94)**	***Porphyromonas* (63)**
OUT0207	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (99)**	**Pseudonocardiaceae (89)**	**unclassified (<50)**
OUT0208	**Bacteria (100)**	**Proteobacteria (100)**	**Alphaproteobacteria (100)**	**Rhodobacterales (99)**	**Rhodobacteraceae (99)**	***Phaeobacter* (67)**
OUT0209	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Vibrio* (63)**
OUT0211	**Bacteria (100)**	**Bacteroidetes (100)**	**Flavobacteria (77)**	**Flavobacteriales (77)**	**Cryomorphaceae (60)**	**unclassified (<50)**
OUT0212	**Bacteria (100)**	**Firmicutes (100)**	**Clostridia (100)**	**Clostridiales (100)**	**Clostridiales_Incertae Sedis XI (100)**	***Murdochiella* (100)**
OUT0213	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Vibrio* (74)**
OUT0214	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***vibrio* (55)**

OUT0215	**Bacteria (100)**	**Proteobacteria (100)**	**Alphaproteobacteria (100)**	**Rhizobiales (90)**	**Phyllobacteriaceae (89)**	***Phyllobacterium* (89)**
OTU0216	**Bacteria (100)**	**Proteobacteria (100)**	**Alphaproteobacteria (100)**	**Rhizobiales (80)**	**Phyllobacteriaceae (80)**	***Phyllobacterium* (78)**
OTU0217	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Micrococcales (100)**	**Brevibacteriaceae (100)**	***Brevibacterium* (100)**
OTU0218	**Bacteria (100)**	**Proteobacteria (100)**	**Alphaproteobacteria (100)**	**Sphingomonadales (99)**	**Sphingomonadaceae (98)**	***Sphingomonas* (98)**
OTU0219	**Bacteria (100)**	**Firmicutes (100)**	**Clostridia (100)**	**Clostridiales (100)**	**Clostridiales_Incertae Sedis XI (100)**	***Anaerococcus* (100)**
OTU0220	**Bacteria (100)**	**Proteobacteria (100)**	**Alphaproteobacteria (100)**	**Rhizobiales (83)**	**Phyllobacteriaceae (80)**	***Phyllobacterium* (79)**
OTU0221	**Bacteria (100)**	**Cyanobacteria/ Chloroplast(61)**	**unclassified (<50)**	**unclassified (<50)**	**unclassified (<50)**	**unclassified (<50)**
OTU0222	**Bacteria (100)**	**Actinobacteria (98)**	**Actinobacteria (98)**	**Pseudonocardiales (98)**	**Pseudonocardiaceae (75)**	**unclassified (<50)**
OTU0223	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Alteromonadales (70)**	**unclassified (<50)**	**unclassified (<50)**
OTU0224	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**Pseudonocardiaceae (87)**	**unclassified (<50)**
OTU0225	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	**unclassified (<50)**
OTU0226	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Vibrio* (75)**
OTU0227	**Bacteria (100)**	**Proteobacteria (100)**	**Betaproteobacteria (100)**	**Burkholderiales (100)**	**Burkholderiales_incertae Sedis (97)**	***Sphaerotilus* (97)**
OUT0228	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**Pseudonocardiaceae (90)**	**unclassified (<50)**
OUT0229	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (99)**	**Pseudonocardiaceae (70)**	**unclassified (<50)**
OUT0230	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (99)**	**Pseudomonadales (99)**	**Pseudomonadaceae (99)**	***Pseudomonas* (50)**
OUT0231	**Bacteria (100)**	**Firmicutes (100)**	**Bacilli (100)**	**Lactobacillales (99)**	**Carnobacteriaceae (97)**	***Granulicatella* (92)**
OUT0232	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**Pseudonocardiaceae (88)**	**unclassified (<50)**
OUT0235	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**Pseudonocardiaceae (76)**	**unclassified (<50)**
OUT0236	**Bacteria (100)**	**Proteobacteria (100)**	**Alphaproteobacteria (100)**	**Rhodobacterales (100)**	**Rhodobacteraceae (100)**	***Donghicola* (59)**
OUT0237	**Bacteria (100)**	**Planctomycets (97)**	**Planctomycetia (97)**	**Planctomycetales (97)**	**Planctomycetaceae (97)**	***Planctomyces* (78)**
OUT0238	**Bacteria (100)**	**Bacteroidetes (100)**	**Flavobacteria (100)**	**Flavobacteriales (100)**	**Flavobacteriaceae (100)**	***Capnocytophaga* (100)**
OUT0239	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Vibrio* (68)**
OUT0240	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Actinomycetales (100)**	**Actinomycetaceae (100)**	***Actinomyces* (100)**

OTU0242	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**Pseudonocardiaceae (97)**	**unclassified (<50)**
OTU0243	**Bacteria (100)**	**Firmicutes (100)**	**Negativicutes (100)**	**Selenomonadales (100)**	**Veillonellaceae (100)**	***Veillonella* (100)**
OTU0246	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Alteromonadales (99)**	**Shewanellaceae (99)**	***Shewanella* (99)**
OTU0251	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Oceanospirillales (100)**	**Oceanospirillaceae (100)**	***Marinomonas* (99)**
OTU0252	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Micrococcales (100)**	**Microbacteriaceae (100)**	***Zimmermannella* (81)**
OTU0253	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Oceanospirillales (100)**	**Oceanospirillaceae (100)**	***Marinomonas* (100)**
OTU0254	**Bacteria (100)**	**Actinobacteria (99)**	**Actinobacteria (99)**	**Pseudonocardiales (99)**	**Pseudonocardiaceae (83)**	**unclassified (<50)**
OTU0255	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Aeromonadales (90)**	**Aeromonadaceae (90)**	***Aeromonas* (90)**
OTU0256	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (99)**	**Pseudonocardiaceae (93)**	**unclassified (<50)**
OTU0257	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Xanthomonadales (100)**	**Xanthomonadaceae (100)**	***Xanthomonas* (99)**
OTU0258	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Allomonas* (60)**
OTU0259	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Listonella* (65)**
OTU0261	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (94)**	**Vibrionaceae (94)**	***Salinivibrio* (52)**
OTU0263	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Chromatiales (98)**	**Chromatiaceae (98)**	***Rheinheimera* (98)**
OTU0264	**Bacteria (100)**	**Proteobacteria (100)**	**Betaproteobacteria (100)**	**Burkholderiales (100)**	**Comamonadaceae (95)**	***Delftia* (76)**
OTU0265	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (99)**	**Pseudomonadales (99)**	**Moraxellaceae (99)**	***Acinetobacter* (99)**
OTU0268	**Bacteria (100)**	**Proteobacteria (100)**	**Alphaproteobacteria (100)**	**Rhodobacterales (100)**	**Rhodobacteraceae (100)**	**unclassified (<50)**
OTU0269	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Chromatiales (96)**	**Chromatiaceae (96)**	***Rheinheimera* (96)**
OTU0270	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Micrococcales (100)**	**Micrococcaceae (100)**	***Nesterenkonia* (81)**
OTU0271	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (99)**	**Pseudonocardiaceae (90)**	**unclassified (<50)**
OTU0272	**Bacteria (100)**	**Bacteroidetes (99)**	**Bacteroidia (98)**	**Bacteroidales (98)**	**Porphyromonadaceae (97)**	***Porphyromonas* (79)**
OTU0273	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**Pseudonocardiaceae (82)**	**unclassified (<50)**
OTU0274	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (99)**	**Vibrionaceae (99)**	***Allomonas* (94)**
OTU0275	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**Pseudonocardiaceae (90)**	**unclassified (<50)**

OTU0276	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Micrococcales (100)	Micrococcaceae (97)	*Nesterenkonia* (54)
OUT0277	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (87)	unclassified (<50)
OUT0280	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (87)	unclassified (<50)
OUT0281	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Corynebacteriales (100)	Corynebacteriaceae (94)	*Nesterenkonia* (87)
OUT0283	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (51)
OUT0284	Bacteria (100)	Proteobacteria (100)	Betaproteobacteria (100)	Rhodocyclales (94)	Rhodocyclaceae (94)	unclassified (<50)
OUT0285	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhizobiales (85)	Phyllobacteriaceae (82)	*Phyllobacterium* (82)
OUT0288	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (95)	unclassified (<50)
OUT0289	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Oceanospirillales (98)	Oceanospirillaceae (98)	*Marinomonas* (98)
OUT0290	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (78)
OUT0291	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (86)	unclassified (<50)
OUT0293	Bacteria (100)	Bacteroidetes (100)	Bacteroidia (99)	Bacteroidales (99)	Porphyromonadaceae (95)	*Porphyromonas* (70)
OUT0294	Bacteria (100)	Actinobacteria (99)	Actinobacteria (99)	Pseudonocardiales (99)	Pseudonocardiaceae (78)	unclassified (<50)
OUT0295	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (100)	Moraxellaceae (100)	*Acinetobacter* (100)
OUT0296	Bacteria (99)	Bacteroidetes (82)	Bacteroidia (77)	Bacteroidales (77)	Prevotellaceae (64)	*Prevotella* (56)
OUT0297	Bacteria (100)	Planctomycets (88)	Planctomycetia (88)	Planctomycetales (88)	Planctomycetaceae (88)	*Pirellula* (56)
OUT0298	Bacteria (100)	Bacteroidetes (100)	Flavobacteria (98)	Flavobacteriales (98)	Cryomorphaceae (98)	unclassified (<50)
OUT0299	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Corynebacteriales (100)	Corynebacteriaceae (94)	*Corynebacterium* (91)
OUT0300	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (59)	unclassified (<50)
OUT0301	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Caulobacterales (100)	Caulobacteraceae (100)	*Brevundimonas* (100)
OUT0302	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (95)	Vibrionaceae (95)	*Listonella* (55)
OUT0303	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhodobacterales (88)	Rhodobacteraceae (99)	*Oceanicola* (84)
OUT0304	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (73)	Alteromonadales (70)	Pseudoalteromonadaceae (59)	*Pseudoalteromonas* (56)
OUT0305	Bacteria (100)	Firmicutes (100)	Negativicutes (98)	Selenomonadales (98)	Veillonellaceae (98)	*Veillonella* (87)

OUT0306	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (99)	Moraxellaceae (99)	*Acinetobacter* (98)
OTU0307	Bacteria (100)	Firmicutes (99)	Clostridia (99	Clostridiales (98)	Ruminococcaceae (89)	*Clostridium IV* (69)
OTU0308	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (100)	Moraxellaceae (100)	*Acinetobacter* (98)
OTU0309	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Lucibacterium* (60)
OTU0310	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (93)	Vibrionaceae (93)	*Photobacterium* (62)
OTU0311	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (99)	Rhizobiales (99)	Hyphomicrobiaceae (65)	*Rhodoplanes* (58)
OTU0312	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (99)	unclassified (<50)	unclassified (<50)
OTU0313	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Lactobacillales (100)	Carnobacteriaceae (100)	*Dolosigranulum* (100)
OTU0314	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (81)
OTU0315	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Micrococcales (100)	unclassified (<50)	unclassified (<50)
OTU0316	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Bacillalles (100)	Bacillales_Incertae Sedis XII (100)	*Gemella* (100)
OTU0317	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (98)	Vibrionaceae (98)	*Allomonas* (81)
OTU0318	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Lactobacillales (100)	Aerococcaceae (100)	*Aerococcus* (100)
OTU0321	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Lactobacillales (100)	Lactobacillaceae (95)	*Lactobacillus* (94)
OTU0322	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	unclassified (<50)
OTU0323	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Actinomycetales (100)	Actinomycetaceae (100)	*Varibaculum* (100)
OTU0324	Bacteria (100)	Proteobacteria (100)	Betaproteobacteria (100)	Neisseriales (100)	Neisseriaceae (100)	*Neisseria* (100)
OTU0325	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Bacillales (98)	Staphylococcaceae (93)	*Staphylococcus* (89)
OTU0326	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Vibrio* (60)
OTU0327	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (99)	Vibrionaceae (99)	unclassified (<50)
OTU0328	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (70)	unclassified (<50)
OTU0329	Bacteria (100)	Firmicutes (100)	Clostridia (100)	Clostridiales (100)	Peptostreptococcaceae (100)	*Peptostreptococcus* (100)
OTU0330	Bacteria (100)	Actinobacteria (99)	Actinobacteria (99)	Pseudonocardiales (98)	unclassified (<50)	unclassified (<50)

OTU0332	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (96)	Vibrionaceae (96)	*Vibrio* (64)
OTU0334	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (77)	unclassified (<50)
OTU0335	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Bacillalles (100)	Bacillaceae (78) 1	*Anoxybacillus* (68)
OTU0337	Bacteria (100)	Actinobacteria (99)	Actinobacteria (99)	Pseudonocardiales (99)	Pseudonocardiaceae (72)	unclassified (<50)
OTU0338	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (99)	Pseudomonadaceae (99)	unclassified (<50)
OTU0339	Bacteria (100)	Bacteroidetes (100)	Bacteroidia (100)	Bacteroidales (100)	Prevotellaceae (100)	*Prevotella* (100)
OTU0340	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	unclassified (<50)
OTU0341	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Oceanospirillales (100)	Oceanospirillaceae (100)	*Marinomonas* (100)
OTU0342	Bacteria (100)	Actinobacteria (99)	Actinobacteria (99)	Pseudonocardiales (99)	unclassified (<50)	unclassified (<50)
OTU0343	Bacteria (100)	Firmicutes (97)	Bacilli (97)	Bacillales (93)	Staphylococcaceae (89)	*Staphylococcus* (85)
OTU0344	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (92)	unclassified (<50)
OTU0345	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (57)
OTU0346	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Aeromonadales (73)	Aeromonadaceae (73)	*Aeromonas* (71)
OTU0347	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Chromatiales (99)	Chromatiaceae (99)	*Rheinheimera* (99)
OTU0348	Bacteria (100)	Proteobacteria (99)	Gammaproteobacteria (99)	Xanthomonadales (88)	Xanthomonadaceae (88)	*Pseudoxanthomonas* (75)
OTU0349	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria	Rhizobiales (57)	Phyllobacteriaceae (54)	unclassified (<50)
OTU0350	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhodobacterales (98)	Rhodobacteraceae (98)	unclassified (<50)
OTU0353	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (72)
OTU0354	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (97)	Vibrionaceae (97)	*Photobacterium* (50)
OTU0356	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (76)
OTU0358	Bacteria (100)	Actinobacteria (98)	Actinobacteria (98)	Pseudonocardiales (98)	Pseudonocardiaceae (90)	unclassified (<50)
OTU0359	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (100)	Moraxellaceae (100)	*Acinetobacter* (100)
OTU0360	Bacteria (100)	Firmicutes (100)	Negativicutes (100)	Selenomonadales (100)	Veillonellaceae (100)	*Selenomonas* (90)
OTU0361	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhizobiales (87)	Phyllobacteriaceae (85)	*Phyllobacterium* (85)

OTU0362	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*vibrio* (55)
OTU0363	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Listonella* (87)
OTU0364	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhodobacterales (91)	Rhodobacteraceae (91)	unclassified (<50)
OTU0365	Bacteria (100)	Proteobacteria (100)	Betaproteobacteria (100)	Burkholderiales (100)	Alcaligenaceae (100)	*Achromobacter* (64)
OTU0366	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (93)	unclassified (<50)
OTU0367	Bacteria (100)	Cyanobacteria/ Chloroplast(56)	unclassified (<50)	unclassified (<50)	unclassified (<50)	unclassified (<50)
OTU0368	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (93)	unclassified (<50)
OTU0369	Bacteria (100)	Actinobacteria (99)	Actinobacteria (99)	Pseudonocardiales (99)	Pseudonocardiaceae (77)	unclassified (<50)
OTU0371	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (99)	Vibrionaceae (99)	*Listonella* (84)
OTU0372	Bacteria (100)	Actinobacteria (99)	Actinobacteria (99)	Pseudonocardiales (99)	Pseudonocardiaceae (86)	unclassified (<50)
OTU0373	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (70)	unclassified (<50)
OTU0374	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (99)	Vibrionaceae (99)	unclassified (<50)
OTU0376	Bacteria (100)	Proteobacteria (100)	Betaproteobacteria (100)	Burkholderiales (100)	Comamonadaceae (100)	*Schlegelella* (92)
OTU0377	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (84)
OTU0378	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhodobacterales (97)	Rhodobacteraceae (97)	unclassified (<50)
OTU0379	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Actinomycetales (100)	Actinomycetaceae (100)	*Actinomyces* (100)
OTU0380	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (94)	Vibrionaceae (94)	*Photobacterium* (69)
OTU0382	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (92)	Vibrionaceae (92)	*Salinivibrio* (58)
OTU0384	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (78)	unclassified (<50)
OTU0385	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (75)
OTU0386	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhizobiales (93)	unclassified (<50)	unclassified (<50)
OTU0387	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (98)	Pseudonocardiaceae (85)	unclassified (<50)
OTU0388	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhodobacterales (98)	Rhodobacteraceae (98)	unclassified (<50)
OTU0389	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Corynebacteriales (100)	Corynebacteriaceae (94)	*Corynebacterium* (90)

OTU0390	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**Pseudonocardiaceae (96)**	**unclassified (<50)**
OUT0391	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Alteromonadales (99)**	**Pseudoalteromonadaceae (99)**	***Pseudoalteromonas* (97)**
OUT0393	**Bacteria (100)**	**Actinobacteria (80)**	**Actinobacteria (80)**	**Pseudonocardiales (79)**	**Pseudonocardiaceae (66)**	**unclassified (<50)**
OUT0394	**Bacteria (100)**	**Firmicutes (100)**	**Bacilli (100)**	**Lactobacillales (100)**	**Streptococcaceae (100)**	***Streptococcus* (100)**
OUT0395	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**unclassified (<50)**	**unclassified (<50)**	**unclassified (<50)**
OUT0396	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Xanthomonadales (100)**	**Xanthomonadaceae (100)**	***Pseudoxanthomonas* (100)**
OUT0397	**Bacteria (100)**	**Proteobacteria (100)**	**Alphaproteobacteria (100)**	**Rhodobacterales (98)**	**Rhodobacteraceae (98)**	**unclassified (<50)**
OUT0398	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (89)**	**Vibrionaceae (89)**	**unclassified (<50)**
OUT0399	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Chromatiales (100)**	**Chromatiaceae (100)**	***Rheinheimera* (100)**
OUT0400	**Bacteria (100)**	**Proteobacteria (100)**	**Betaproteobacteria (100)**	**Burkholderiales (99)**	**Comamonadaceae (99)**	***Acidovorax* (87)**
OUT0402	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Pseudomonadales (77)**	**Moraxellaceae (77)**	***Acinetobacter* (71)**
OUT0403	**Bacteria (100)**	**Firmicutes (100)**	**Bacilli (100)**	**Lactobacillales (100)**	**Streptococcaceae (100)**	***Streptococcus* (100)**
OUT0404	**Bacteria (100)**	**Actinobacteria (99)**	**Actinobacteria (99)**	**Pseudonocardiales (98)**	**Pseudonocardiaceae (69)**	**unclassified (<50)**
OUT0405	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Allomonas* (71)**
OUT0406	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (99)**	**Pseudonocardiaceae (90)**	**unclassified (<50)**
OUT0407	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Vibrio* (88)**
OUT0408	**Bacteria (100)**	**Firmicutes (100)**	**Bacilli (100)**	**Lactobacillales (100)**	**Streptococcaceae (100)**	***Streptococcus* (100)**
OUT0409	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Aeromonadales (100)**	**Aeromonadaceae (100)**	***Aeromonas* (100)**
OUT0410	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**Pseudonocardiaceae (82)**	**unclassified (<50)**
OUT0412	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Pseudomonadales (100)**	**Moraxellaceae (100)**	***Acinetobacter* (100)**
OUT0414	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (99)**	**Vibrionales (88)**	**Vibrionaceae (88)**	***Allomonas* (74)**
OUT0415	**Bacteria (100)**	**Proteobacteria (99)**	**Gammaproteobacteria (99)**	**Alteromonadales (99)**	**Pseudoalteromonadaceae (88)**	***Pseudoalteromonas* (85)**
OUT0416	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Corynebacteriales (100)**	**Corynebacteriaceae (89)**	***Corynebacterium* (78)**
OUT0417	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (94)**	**Alteromonadales (94)**	**Pseudoalteromonadaceae (88)**	***Pseudoalteromonas* (81)**

OUT0418	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**Pseudonocardiaceae (94)**	**unclassified (<50)**
OUT0419	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Allomonas* (53)**
OUT0420	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**Pseudonocardiaceae (72)**	**unclassified (<50)**
OUT0421	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Pseudomonadales (100)**	**Moraxellaceae (100)**	***Acinetobacter* (95)**
OUT0422	**Bacteria (100)**	**Proteobacteria (100)**	**Betaproteobacteria (100)**	**Burkholderiales (100)**	**Comamonadaceae (92)**	**unclassified (<50)**
OUT0423	**Bacteria (100)**	**Proteobacteria (100)**	**Alphaproteobacteria (100)**	**Rhodobacterales (99)**	**Rhodobacteraceae (99)**	**unclassified (<50)**
OUT0424	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**Pseudonocardiaceae (100)**	***Actinomycetospora* (99)**
OUT0425	**Bacteria (100)**	**Proteobacteria (100)**	**Alphaproteobacteria (100)**	**Rhizobiales (96)**	**Phyllobacteriaceae (95)**	***Phyllobacterium* (93)**
OUT0426	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (97)**	**Pseudonocardiaceae (88)**	**unclassified (<50)**
OUT0427	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (99)**	**Pseudonocardiaceae (97)**	**unclassified (<50)**
OUT0428	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Pseudomonadales (100)**	**Moraxellaceae (100)**	***Acinetobacter* (100)**
OUT0429	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (95)**	**Vibrionaceae (95)**	**unclassified (<50)**
OUT0430	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (98)**	**Vibrionaceae (98)**	**unclassified (<50)**
OUT0431	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Enterobacteriales (100)**	**Enterobacteriaceae (100)**	**unclassified (<50)**
OUT0432	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Allomonas* (51)**
OUT0433	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Vibrio* (75)**
OUT0434	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Corynebacteriales (100)**	**Corynebacteriaceae (96)**	***Corynebacterium* (94)**
OUT0435	**Bacteria (100)**	**Proteobacteria (100)**	**Alphaproteobacteria (100)**	**Rhodobacterales (56)**	**Rhodobacteraceae (56)**	**unclassified (<50)**
OUT0436	**Bacteria (100)**	**Actinobacteria (99)**	**Actinobacteria (99)**	**Pseudonocardiales (99)**	**unclassified (<50)**	**unclassified (<50)**
OUT0437	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (98)**	**Pseudonocardiaceae (84)**	***Saccharopolyspora* (65)**
OUT0438	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**Pseudonocardiaceae (70)**	**unclassified (<50)**
OUT0439	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Pseudomonadales (99)**	**Pseudomonadaceae (99)**	***Pseudomonas* (91)**
OUT0440	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Vibrio* (88)**

OUT0441	Bacteria (100)	Proteobacteria (100)	Deltaproteobacteria (100)	Desulfobacterales (100)	Desulfobacteraceae (100)	*Desulfatibacillum* (100)
OUT0442	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (98)	Moraxellaceae (98)	*Acinetobacter* (96)
OUT0443	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (90)	unclassified (<50)
OUT0444	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	unclassified (<50)	unclassified (<50)
OUT0445	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhizobiales (98)	Phyllobacteriaceae (98)	*Phyllobacterium* (98)
OUT0446	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhizobiales (68)	Phyllobacteriaceae (65)	*Phyllobacterium* (65)
OUT0447	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Oceanospirillales (100)	Alcanivoracaceae (100)	*Alcanivorax* (100)
OUT0448	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Aeromonadales (70)	Aeromonadaceae (68)	unclassified (<50)
OUT0449	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (83)	Vibrionaceae (83)	*Photobacterium* (52)
OUT0450	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (100)	Moraxellaceae (100)	*Acinetobacter* (100)
OUT0451	Bacteria (99)	unclassified (<50)	unclassified (<50)	unclassified (<50)	unclassified (<50)	unclassified (<50)
OUT0452	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	unclassified (<50)	unclassified (<50)
OUT0453	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (99)	Pseudomonadales (96)	Moraxellaceae (96)	*Acinetobacter* (86)
OUT0454	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Lactobacillales (100)	Lactobacillaceae (100)	*Lactobacillus* (95)
OUT0455	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (84)
OUT0456	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (88)	Vibrionaceae (88)	unclassified (<50)
OUT0457	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (99)	Pseudonocardiaceae (86)	unclassified (<50)
OUT0458	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (79)
OUT0459	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Enterobacteriales (100)	Enterobacteriaceae (100)	unclassified (<50)
OUT0460	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (50)
OUT0461	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	unclassified (<50)	unclassified (<50)
OUT0462	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Vibrio* (85)
OUT0463	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Vibrio* (58)
OUT0464	Bacteria (99)	Planctomycetes (56)	Planctomycetia (56)	unclassified (<50)	unclassified (<50)	unclassified (<50)

OUT0465	Bacteria (100)	Proteobacteria (100)	Betaproteobacteria (100)	Burkholderiales (99)	Burkholderiaceae (99)	*Burkholderia* (99)
OUT0466	Bacteria (100)	Actinobacteria (99)	Actinobacteria (99)	Pseudonocardiales (99)	unclassified (<50)	unclassified (<50)
OUT0467	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Alteromonadales (100)	Pseudoalteromonadaceae (98)	*Pseudoalteromonas* (98)
OUT0468	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (93)	unclassified (<50)
OUT0469	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (96)	Vibrionaceae (96)	unclassified (<50)
OUT0470	Bacteria (100)	Actinobacteria (99)	Actinobacteria (99)	Pseudonocardiales (99)	Pseudonocardiaceae (75)	unclassified (<50)
OUT0471	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Bacillalles (100)	Bacillales_Incertae Sedis XII (100)	*Exiguobacterium* (100)
OUT0472	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (98)	Vibrionaceae (98)	*Vibrio* (62)
OUT0473	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (96)	Pseudomonadaceae (96)	*Pseudomonas* (74)
OUT0474	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	unclassified (<50)	unclassified (<50)
OUT0475	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Aeromonadales (100)	Aeromonadaceae (59)	unclassified (<50)
OUT0476	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Bacillalles (100)	Bacillaceae (100)	*Oceanobacillus* (100)
OUT0477	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Vibrio* (66)
OUT0478	Bacteria (100)	Bacteroidetes (100)	Sphingobacteria (100)	Sphingobacteriales (100)	Sphingobacteriaceae (100)	*Sphingobacterium* (100)
OUT0479	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhodobacterales (62)	Rhodobacteraceae (62)	unclassified (<50)
OUT0480	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (72)	unclassified (<50)
OUT0481	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhodobacterales (93)	Rhodobacteraceae (93)	*Amaricoccus* (81)
OUT0482	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Bacillalles (100)	Staphylococcaceae (100)	*Jeotgalicoccus* (90)
OUT0483	Bacteria (98)	Bacteroidetes (82)	unclassified (<50)	unclassified (<50)	unclassified (<50)	unclassified (<50)
OUT0484	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Listonella* (57)
OUT0485	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (80)	unclassified (<50)
OUT0486	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhodobacterales (74)	Rhodobacteraceae (74)	unclassified (<50)
OUT0487	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Xanthomonadales (100)	Xanthomonadaceae (100)	*Stenotrophomonas* (86)
OUT0488	Bacteria (100)	Bacteroidetes (100)	Bacteroidia (100)	Bacteroidales (100)	Prevotellaceae (100)	*Prevotella* (100)

OUT0490	**Bacteria (100)**	**Actinobacteria (96)**	**Actinobacteria (96)**	**Pseudonocardiales (95)**	**Pseudonocardiaceae (52)**	**unclassified (<50)**
OUT0491	**Bacteria (100)**	**Actinobacteria (97)**	**Actinobacteria (97)**	**Pseudonocardiales (95)**	**Pseudonocardiaceae (69)**	***Labedaea* (52)**
OUT0492	**Bacteria (100)**	**Actinobacteria (99)**	**Actinobacteria (99)**	**Pseudonocardiales (98)**	**unclassified (<50)**	**unclassified (<50)**
OUT0494	**Bacteria (100)**	**Firmicutes (99)**	**Bacilli (97)**	**Lactobacillales (96)**	**Streptococcaceae (94)**	***Streptococcus* (94)**
OUT0495	**Bacteria (100)**	**Proteobacteria (98)**	**Gammaproteobacteria (98**	**Enterobacteriales (95)**	**Enterobacteriaceae (95)**	**unclassified (<50)**
OUT0497	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**Pseudonocardiaceae (66)**	**unclassified (<50)**
OUT0498	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (99)**	**Pseudonocardiaceae (88)**	**unclassified (<50)**
OUT0499	**Bacteria (100)**	**Proteobacteria (99)**	**Gammaproteobacteria (98**	**Pseudomonadales (92)**	**Moraxellaceae (92)**	***Acinetobacter* (58)**
OUT0500	**Bacteria (100)**	**Firmicutes (100)**	**Bacilli (96)**	**Bacillales (88)**	**Staphylococcaceae (75)**	***Staphylococcus* (65)**
OUT0501	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Listonella* (88)**
OUT0504	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Aeromonadales (92)**	**Aeromonadaceae (92)**	***Aeromonas* (89)**
OUT0506	**Bacteria (100)**	**Firmicutes (100)**	**Clostridia (100)**	**Clostridiales (100)**	**Clostridiales_Incertae Sedis XI**	***Anaerococcus* (99)**
OUT0507	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (98)**	**Pseudonocardiaceae (63)**	**unclassified (<50)**
OUT0511	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Allomonas* (74)**
OUT0512	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Allomonas* (85)**
OUT0513	**Bacteria (100)**	**Firmicutes (99)**	**Clostridia (99**	**Clostridiales (99)**	**Peptostreptococcaceae (80)**	**unclassified (<50)**
OUT0514	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (98**	**Alteromonadales (58)**	**unclassified (<50)**	**unclassified (<50)**
OUT0516	**Bacteria (100)**	**Actinobacteria (82)**	**Actinobacteria (82)**	**Pseudonocardiales (82)**	**Pseudonocardiaceae (61)**	**unclassified (<50)**
OUT0517	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Allomonas* (53)**
OUT0519	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (99)**	**Alteromonadales (82)**	**unclassified (<50)**	**unclassified (<50)**
OUT0520	**Bacteria (100)**	**Firmicutes (100)**	**Negativicutes (100)**	**Selenomonadales (100)**	**Veillonellaceae (100)**	***Dialister* (100)**
OUT0521	**Bacteria (100)**	**Actinobacteria (99)**	**Actinobacteria (99)**	**Pseudonocardiales (99)**	**Pseudonocardiaceae (64)**	**unclassified (<50)**
OUT0523	**Bacteria (100)**	**Actinobacteria (99)**	**Actinobacteria (99)**	**Pseudonocardiales (98)**	**Pseudonocardiaceae (79)**	**unclassified (<50)**
OUT0524	**Bacteria (100)**	**Actinobacteria (99)**	**Actinobacteria (99)**	**Pseudonocardiales (99)**	**Pseudonocardiaceae (84)**	**unclassified (<50)**

OUT0525	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (80)**	**Vibrionaceae (80)**	**unclassified (<50)**
OUT0530	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Allomonas* (82)**
OUT0531	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Lucibacterium* (69)**
OUT0532	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**Pseudonocardiaceae (75)**	**unclassified (<50)**
OUT0533	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Actinomycetales (100)**	**Brevibacteriaceae (98)**	***Brevibacterium* (98)**
OUT0534	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Solirubrobacterales (100)**	**Solirubrobacteraceae (85)**	***Solirubrobacter* (85)**
OUT0535	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (99)**	**Vibrionaceae (99)**	***Lucibacterium* (69)**
OUT0536	**Bacteria (100)**	**Actinobacteria (99)**	**Actinobacteria (99)**	**Corynebacteriales (99)**	**Corynebacteriaceae (96)**	***Corynebacterium* (93)**
OUT0539	**Bacteria (100)**	**Firmicutes (99)**	**Bacilli (97)**	**Bacillales (93)**	**Staphylococcaceae (93)**	***Staphylococcus* (86)**
OUT0542	**Bacteria (100)**	**Proteobacteria (100)**	**Alphaproteobacteria (100)**	**Rhodobacterales (100)**	**Rhodobacteraceae (100)**	**unclassified (<50)**
OUT0543	**Bacteria (100)**	**Proteobacteria (93)**	**Gammaproteobacteria (93)**	**Vibrionales (92)**	**Vibrionaceae (92)**	***Allomonas* (82)**
OUT0544	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Vibrio* (82)**
OUT0545	**Bacteria (100)**	**Proteobacteria (97)**	**Betaproteobacteria (87**	**Neisseriales (82)**	**Neisseriaceae (82)**	**unclassified (<50)**
OUT0546	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Enterobacteriales (87)**	**Enterobacteriaceae (87)**	***Escherichia/Shigella* (77)**
OUT0547	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Listonella* (98)**
OUT0548	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (99)**	**Vibrionales (82)**	**Vibrionaceae (82)**	**unclassified (<50)**
OUT0549	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (99)**	**Vibrionaceae (99)**	***Lucibacterium* (54)**
OUT0550	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (99)**	**Alteromonadales (97)**	**Pseudoalteromonadaceae (80)**	***Pseudoalteromonas* (70)**
OUT0551	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Chromatiales (97)**	**Chromatiaceae (97)**	***Rheinheimera* (97)**
OUT0553	**Bacteria (100)**	**Proteobacteria (100)**	**Alphaproteobacteria (100)**	**Rhizobiales (71)**	**unclassified (<50)**	**unclassified (<50)**
OUT0555	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**unclassified (<50)**	**unclassified (<50)**
OUT0556	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Aliivibrio* (100)**
OUT0557	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Vibrio* (73)**
OUT0558	**Bacteria (100)**	**Firmicutes (100)**	**Negativicutes (100)**	**Selenomonadales (100)**	**Veillonellaceae (100)**	***Negativicoccus* (100)**

OUT0560	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Allomonas* (56)**
OUT0562	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (98)**	**unclassified (<50)**	**unclassified (<50)**
OUT0565	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Micrococcales (99)**	**Micrococcaceae (99)**	***Micrococcus* (98)**
OUT0566	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Micrococcales (100)**	**Micrococcaceae (100)**	***Micrococcus* (100)**
OUT0567	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**Pseudonocardiaceae (75)**	**unclassified (<50)**
OUT0568	**Bacteria (100)**	**Proteobacteria (100)**	**Alphaproteobacteria (100)**	**Rhodospirillales (100)**	**Acetobacteraceae (100)**	**unclassified (<50)**
OUT0570	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Aeromonadales (89)**	**Aeromonadaceae (89)**	***Aeromonas* (87)**
OUT0571	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Listonella* (82)**
OUT0572	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (74)**	**Vibrionaceae (74)**	**unclassified (<50)**
OUT0573	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (97)**	**Pseudomonadales (96)**	**Moraxellaceae (96)**	***Acinetobacter* (94)**
OUT0575	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Allomonas* (83)**
OUT0578	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**Pseudonocardiaceae (85)**	**unclassified (<50)**
OUT0579	**Bacteria (100)**	**Proteobacteria (100)**	**Alphaproteobacteria (100)**	**Rhodobacterales (100)**	**Rhodobacteraceae (100)**	***Gemmobacter* (96)**
OUT0582	**Bacteria (100)**	**Proteobacteria (98)**	**Alphaproteobacteria (94)**	**Rhodospirillales (88)**	**Rhodospirillaceae (71)**	**unclassified (<50)**
OUT0583	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Listonella* (71)**
OUT0585	**Bacteria (100)**	**Proteobacteria (99)**	**Gammaproteobacteria (99)**	**Pseudomonadales (81)**	**Pseudomonadaceae (81)**	**unclassified (<50)**
OUT0586	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**Pseudonocardiaceae (74)**	**unclassified (<50)**
OUT0587	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Allomonas* (72)**
OUT0589	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Allomonas* (61)**
OUT0590	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Allomonas* (53)**
OUT0591	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (82)**	**Vibrionaceae (82)**	**unclassified (<50)**
OUT0592	**Bacteria (100)**	**Actinobacteria (98)**	**Actinobacteria (98)**	**Pseudonocardiales (98)**	**Pseudonocardiaceae (64)**	**unclassified (<50)**
OUT0594	**Bacteria (100)**	**Actinobacteria (99)**	**Actinobacteria (99)**	**Pseudonocardiales (99)**	**Pseudonocardiaceae (80)**	**unclassified (<50)**
OUT0596	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Allomonas* (72)**

OUT0597	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Allomonas* (78)**
OUT0598	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Listonella* (70)**
OUT0599	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (99)**	**Vibrionaceae (99)**	***Lucibacterium* (67)**
OUT0600	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Listonella* (89)**
OUT0601	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Allomonas* (90)**
OUT0602	**Bacteria (100)**	**Firmicutes (100)**	**Bacilli (100)**	**Lactobacillales (98)**	**Enterococcaceae (74)**	**unclassified (<50)**
OUT0603	**Bacteria (100)**	**Firmicutes (99)**	**Clostridia (99**	**Clostridiales (99)**	**Clostridiales_Incertae Sedis XI (99)**	***Anaerococcus* (99)**
OUT0606	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Pseudomonadales (100)**	**Moraxellaceae (100)**	***Acinetobacter* (99)**
OUT0607	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (88)**	**Vibrionaceae (88)**	**unclassified (<50)**
OUT0609	**Bacteria (100)**	**Actinobacteria (80)**	**Actinobacteria (80)**	**unclassified (<50)**	**unclassified (<50)**	**unclassified (<50)**
OUT0610	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Allomonas* (60)**
OUT0611	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Listonella* (64)**
OUT0612	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Pseudomonadales (100)**	**Pseudomonadaceae (100)**	***Pseudomonas* (84)**
OUT0614	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Vibrio* (51)**
OUT0615	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**Pseudonocardiaceae (92)**	**unclassified (<50)**
OUT0616	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**unclassified (<50)**	**unclassified (<50)**
OUT0617	**Bacteria (100)**	**Proteobacteria (99)**	**Gammaproteobacteria (99)**	**Oceanospirillales (84)**	**Halomonadaceae (80)**	***Halomonas* (52)**
OUT0621	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Aeromonadales (100)**	**Aeromonadaceae (100)**	***Aeromonas* (100)**
OUT0622	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Listonella* (93)**
OUT0623	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Vibrio* (61)**
OUT0624	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (98)**	**Pseudonocardiaceae (72)**	**unclassified (<50)**
OUT0625	**Bacteria (100)**	**Actinobacteria (98)**	**Actinobacteria (98)**	**Pseudonocardiales (98)**	**unclassified (<50)**	**unclassified (<50)**
OUT0626	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (98)**	**Pseudonocardiaceae (97)**	**unclassified (<50)**
OUT0627	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Listonella* (80)**

OUT0628	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Lucibacterium* (75)**
OUT0629	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (96)**	**Pseudonocardiaceae (70)**	**unclassified (<50)**
OUT0630	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**Pseudonocardiaceae (97)**	**unclassified (<50)**
OUT0633	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Listonella* (51)**
OUT0635	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (99)**	**Vibrionaceae (99)**	***Allomonas* (69)**
OUT0636	**Bacteria (100)**	**unclassified (<50)**	**unclassified (<50)**	**unclassified (<50)**	**unclassified (<50)**	**unclassified (<50)**
OUT0639	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Lucibacterium* (61)**
OUT0640	**Bacteria (100)**	**Proteobacteria (100)**	**Alphaproteobacteria (100)**	**Sphingomonadales (100)**	**Sphingomonadaceae (100)**	***Sphingomonas* (100)**
OUT0641	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**Pseudonocardiaceae (72)**	**unclassified (<50)**
OUT0644	**Bacteria (100)**	**Actinobacteria (99)**	**Actinobacteria (99)**	**Pseudonocardiales (98)**	**Pseudonocardiaceae (72)**	**unclassified (<50)**
OUT0646	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**Pseudonocardiaceae (74)**	**unclassified (<50)**
OUT0648	**Bacteria (100)**	**Actinobacteria (99)**	**Actinobacteria (99)**	**Micrococcales (99)**	**Intrasporangiaceae (97)**	**unclassified (<50)**
OUT0649	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Chromatiales (100)**	**Chromatiaceae (100)**	***Rheinheimera* (100)**
OUT0650	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Lucibacterium* (64)**
OUT0652	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Aeromonadales (73)**	**Aeromonadaceae (73)**	***Aeromonas* (62)**
OUT0654	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (95)**	**Vibrionaceae (95)**	***Allomonas* (64)**
OUT0655	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Alteromonadales (100)**	**Alteromonadaceae (100)**	***Salinimonas* (68)**
OUT0656	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Allomonas* (79)**
OUT0657	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (99)**	**Xanthomonadales (98)**	**Xanthomonadaceae (98)**	***Luteimonas* (84)**
OUT0658	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**Pseudonocardiaceae (85)**	**unclassified (<50)**
OUT0659	**Bacteria (100)**	**Actinobacteria (87)**	**Actinobacteria (87)**	**Pseudonocardiales (87)**	**unclassified (<50)**	**unclassified (<50)**
OUT0661	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Micrococcales (100)**	**Dermabacteraceae (95)**	***Dermabacter* (73)**
OUT0662	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (99)**	**Pseudonocardiaceae (69)**	**unclassified (<50)**
OUT0664	**Bacteria (100)**	**Actinobacteria (98)**	**Actinobacteria (98)**	**Pseudonocardiales (98)**	**Pseudonocardiaceae (90)**	**unclassified (<50)**

OUT0665	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Allomonas* (72)**
OUT0666	**Bacteria (100)**	**Actinobacteria (98)**	**Actinobacteria (98)**	**Pseudonocardiales (98)**	**Pseudonocardiaceae (66)**	**unclassified (<50)**
OUT0667	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**Pseudonocardiaceae (100)**	**unclassified (<50)**
OUT0668	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (99)**	**Pseudomonadales (99)**	**Moraxellaceae (99)**	***Psychrobacter* (89)**
OUT0669	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**Pseudonocardiaceae (71)**	**unclassified (<50)**
OUT0670	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**Pseudonocardiaceae (72)**	**unclassified (<50)**
OUT0671	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Aeromonadales (100)**	**Aeromonadaceae (100)**	***Alteromonas* (70)**
OUT0672	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Enterobacteriales (99)**	**Enterobacteriaceae (99)**	**unclassified (<50)**
OUT0673	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**Pseudonocardiaceae (72)**	**unclassified (<50)**
OUT0674	**Bacteria (100)**	**Proteobacteria (100)**	**Alphaproteobacteria (100)**	**Rhodobacterales (84)**	**Rhodobacteraceae (84)**	**unclassified (<50)**
OUT0675	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Allomonas* (83)**
OUT0676	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Pasteurellales (100)**	**Pasteurellaceae (100)**	**unclassified (<50)**
OUT0677	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (98)**	**Pseudonocardiaceae (80)**	**unclassified (<50)**
OUT0678	**Bacteria (100)**	**Proteobacteria (98)**	**Alphaproteobacteria (98)**	**Rhodospirillales (96)**	**Rhodospirillaceae (96)**	***Pelagibius* (69)**
OUT0679	**Bacteria (100)**	**Proteobacteria (98)**	**Gammaproteobacteria (98)**	**Pseudomonadales (98)**	**Moraxellaceae (98)**	***Acinetobacter* (91)**
OUT0680	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Pseudomonadales (100)**	**Moraxellaceae (100)**	***Acinetobacter* (98)**
OUT0681	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Aeromonadales (79)**	**Aeromonadaceae (78)**	***Aeromonas* (77)**
OUT0682	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Allomonas* (86)**
OUT0683	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Alteromonadales (100)**	**Alteromonadaceae (100)**	**unclassified (<50)**
OUT0684	**Bacteria (100)**	**Proteobacteria (99)**	**Gammaproteobacteria (99)**	**Vibrionales (99)**	**Vibrionaceae (99)**	***Allomonas* (88)**
OUT0686	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Alteromonadales (100)**	**Pseudoalteromonadaceae (97)**	***Pseudoalteromonas* (94)**
OUT0687	**Bacteria (100)**	**Proteobacteria (100)**	**Alphaproteobacteria (100)**	**Rhodobacterales (100)**	**Rhodobacteraceae (100)**	***Paracoccus* (82)**
OUT0689	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**Pseudonocardiaceae (62)**	**unclassified (<50)**
OUT0690	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Pseudomonadales (84)**	**Pseudomonadaceae (82)**	**unclassified (<50)**

OUT0691	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (92)
OUT0693	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Micrococcales (100)	Micrococcaceae (100)	*Rothia* (100)
OUT0694	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Actinomycetales (99)	unclassified (<50)	unclassified (<50)
OUT0695	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (99)	Enterobacteriales (99)	Enterobacteriaceae (99)	unclassified (<50)
OUT0696	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (99)	Pseudonocardiaceae (77)	unclassified (<50)
OUT0697	Bacteria (100)	Actinobacteria (98)	Actinobacteria (98)	Pseudonocardiales (98)	Pseudonocardiaceae (70)	unclassified (<50)
OUT0699	Bacteria	Actinobacteria (98)	Actinobacteria (98)	Pseudonocardiales (98)	Pseudonocardiaceae (59)	unclassified (<50)
OUT0700	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (98)	Vibrionaceae (98)	*Salinivibrio* (54)
OUT0701	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (99)	Pseudomonadaceae (99)	*Pseudomonas* (78)
OUT0702	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Actinomycetales (99)	unclassified (<50)	unclassified (<50)
OUT0703	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (70)
OUT0704	Bacteria (100)	Actinobacteria (99)	Actinobacteria (99)	Pseudonocardiales (97)	Pseudonocardiaceae (65)	unclassified (<50)
OUT0705	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (98)	Pseudonocardiaceae (79)	unclassified (<50)
OUT0708	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (84)
OUT0709	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (66)	Moraxellaceae (66)	*Acinetobacter* (64)
OUT0710	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Lactobacillales (100)	Carnobacteriaceae (100)	*Dolosigranulum* (100)
OUT0711	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Actinomycetales (100)	unclassified (<50)	unclassified (<50)
OUT0712	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Sphingomonadales (100)	Erythrobacteraceae (99)	*Erythrobacter* (98)
OUT0714	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (98)	Pseudonocardiaceae (80)	unclassified (<50)
OUT0717	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (76)
OUT0719	Bacteria (100)	Firmicutes (100)	Clostridia (100)	Clostridiales (100)	Clostridiales_Incertae Sedis XI	*Anaerococcus* (99)
OUT0720	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (57)
OUT0721	Bacteria (100)	Proteobacteria (99)	Gammaproteobacteria (99)	Vibrionales (87)	Vibrionaceae (87)	*Allomonas* (62)
OUT0722	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pasteurellales (99)	Pasteurellaceae (99)	unclassified (<50)

OUT0723	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (87)
OUT0724	Bacteria (100)	Actinobacteria (99)	Actinobacteria (99)	Acidimicrobiales (84)	Acidimicrobiaceae (74)	unclassified (<50)
OUT0725	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Micrococcales (100)	Micrococcaceae (100)	*Micrococcus* (97)
OUT0726	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Alteromonadales (100)	Alteromonadaceae (100)	*Salinimonas* (58)
OUT0728	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (99)	Pseudomonadales (87)	Pseudomonadaceae (87)	unclassified (<50)
OUT0730	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (90)	Vibrionaceae (90)	*Salinivibrio* (50)
OUT0731	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (79)
OUT0732	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Aeromonadales (99)	Aeromonadaceae (99)	*Aeromonas* (99)
OUT0733	Bacteria (100)	Bacteroidetes (100)	Bacteroidia (100)	Bacteroidales (100)	Prevotellaceae (100)	*Prevotella* (83)
OUT0735	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Enterobacteriales (100)	Enterobacteriaceae (100)	*Escherichia/Shigella* (89)
OUT0736	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (62)
OTU0737	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Alteromonadales (100)	Idiomarinaceae (100)	*Idiomarina* (100)
OTU0738	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (99)	Pseudomonadales (99)	Moraxellaceae (99)	*Acinetobacter* (99)
OTU0739	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (80)
OTU0741	Bacteria (100)	Proteobacteria (99)	Gammaproteobacteria (98	Pseudomonadales (69)	Pseudomonadaceae (68)	*Pseudomonas* (60)
OTU0742	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (70)
OTU0743	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (97)	Vibrionaceae (97)	unclassified (<50)
OTU0744	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (98)	Pseudonocardiaceae (78)	unclassified (<50)
OTU0745	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Enterobacteriales (100)	Enterobacteriaceae (100)	unclassified (<50)
OTU0746	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Listonella* (83)
OTU0747	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (70)	unclassified (<50)
OTU0748	Bacteria (100)	Proteobacteria (99)	Gammaproteobacteria (99)	Pseudomonadales (99)	Moraxellaceae (99)	*Acinetobacter* (95)
OTU0750	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (99)	Pseudonocardiaceae (90)	unclassified (<50)

OTU0752	Bacteria (100)	Firmicutes (97)	Bacilli (96)	Lactobacillales (95)	Streptococcaceae (94)	*Streptococcus* (92)
OTU0754	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Bifidobacteriales (100)	Bifidobacteriaceae (100)	*Scardovia* (100)
OTU0757	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Listonella* (93)
OTU0759	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Enterobacteriales (100)	Enterobacteriaceae (100)	*Proteus* (99)
OTU0760	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Bacillalles (100)	Staphylococcaceae (99)	*Staphylococcus* (95)
OTU0762	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (99)	Vibrionaceae (99)	*Allomonas* (53)
OTU0763	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (84)
OTU0764	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (72)
OTU0767	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Alteromonadales (100)	Pseudoalteromonadaceae (100)	*Pseudoalteromonas* (99)
OTU0768	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (53)
OTU0770	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Vibrio* (77)
OTU0771	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Listonella* (70)
OTU0772	Bacteria (100)	Firmicutes (100)	Clostridia (100)	Clostridiales (100)	Clostridiales_Incertae Sedis XI (100)	*Anaerococcus* (100)
OUT0773	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (100)	Moraxellaceae (100)	*Acinetobacter* (98)
OUT0776	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (99)	Vibrionales (99)	Vibrionaceae (99)	*Listonella* (87)
OUT0778	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (85)
OUT0780	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Corynebacteriales (100)	Corynebacteriaceae (100)	*Corynebacterium* (100)
OUT0781	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (54)
OUT0782	Bacteria (100)	Bacteroidetes (100)	Flavobacteria (100)	Flavobacteriales (100)	Flavobacteriaceae (100)	*Chryseobacterium* (99)
OUT0783	Bacteria (100)	Bacteroidetes (100)	Bacteroidia (90)	Bacteroidales (90)	Porphyromonadaceae (69)	unclassified (<50)
OUT0784	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Alteromonadales (100)	Pseudoalteromonadaceae (98)	*Pseudoalteromonas* (98)
OUT0786	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Lucibacterium* (63)
OUT0787	Bacteria (100)	Firmicutes (90)	Bacilli (86	Lactobacillales (84)	Streptococcaceae (70)	*Streptococcus* (70)

OUT0788	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Enterobacteriales (100)	Enterobacteriaceae (100)	unclassified (<50)
OUT0789	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Actinomycetales (100)	unclassified (<50)	unclassified (<50)
OUT0790	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (58)
OUT0791	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Lactobacillales (93)	Enterococcaceae (67)	*Enterococcus* (50)
OUT0792	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Aeromonadales (73)	Aeromonadaceae (73)	*Aeromonas* (67)
OUT0793	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Actinomycetales (100)	unclassified (<50)	unclassified (<50)
OUT0794	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Aeromonadales (76)	Aeromonadaceae (76)	*Aeromonas* (74)
OUT0795	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (78)	unclassified (<50)
OUT0796	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (98)	Pseudonocardiaceae (83)	unclassified (<50)
OUT0797	Bacteria (100)	Actinobacteria (99)	Actinobacteria (99)	Actinomycetales (99)	unclassified (<50)	unclassified (<50)
OUT0798	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Actinomycetales (99)	unclassified (<50)	unclassified (<50)
OUT0799	Bacteria (100)	Proteobacteria (98)	Alphaproteobacteria (100)	Rhizobiales (88)	Rhodobiaceae (69)	*Anderseniella* (62)
OUT0800	Bacteria (100)	Proteobacteria (100)	Betaproteobacteria (100)	Burkholderiales (99)	unclassified (<50)	unclassified (<50)
OTU0801	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (99)	Pasteurellales (99)	Pasteurellaceae (99)	unclassified (<50)
OTU0802	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pasteurellales (100)	Pasteurellaceae (100)	*Haemophilus* (64)
OTU0803	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (86)	unclassified (<50)
OTU0804	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (90)	unclassified (<50)
OTU0805	Bacteria (100)	Proteobacteria (99)	Gammaproteobacteria (98)	Aeromonadales (51)	Aeromonadaceae (51)	unclassified (<50)
OTU0806	Bacteria (99)	Actinobacteria (98)	Actinobacteria (98)	Pseudonocardiales (97)	Pseudonocardiaceae (77)	unclassified (<50)
OTU0807	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhizobiales (100)	Methylobacteriaceae (89)	*Microvirga* (89)
OTU0808	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (98)	Vibrionaceae (98)	*Allomonas* (86)
OTU0809	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Actinomycetales (100)	unclassified (<50)	unclassified (<50)
OTU0810	Bacteria (100)	Proteobacteria (99)	Alphaproteobacteria (99)	Rhizobiales (99)	Phyllobacteriaceae (99)	*Phyllobacterium* (99)

OTU0811	Bacteria (100)	Proteobacteria (100)	Betaproteobacteria (100)	Burkholderiales (100)	unclassified (<50)	unclassified (<50)
OTU0812	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (74)	unclassified (<50)
OTU0813	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (99)	Pseudonocardiaceae (87)	unclassified (<50)
OTU0814	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Bifidobacteriales (100)	Bifidobacteriaceae (100)	*Gardnerella* (99)
OTU0815	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Bifidobacteriales (100)	Bifidobacteriaceae (100)	*Gardnerella* (99)
OTU0816	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Actinomycetales (99)	unclassified (<50)	unclassified (<50)
OTU0817	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (95)	Vibrionaceae (95)	*Photobacterium* (88)
OTU0818	Bacteria (100)	Proteobacteria (100)	Betaproteobacteria (100)	Burkholderiales (100)	Comamonadaceae (86)	*Diaphorobacter* (53)
OTU0819	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (90)	unclassified (<50)
OTU0820	Bacteria (100)	Actinobacteria (98)	Actinobacteria (98)	Pseudonocardiales (96)	Pseudonocardiaceae (82)	*Umezawaea* (67)
OTU0821	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Enterobacteriales (100)	Enterobacteriaceae (100)	*Escherichia/Shigella* (98)
OTU0822	Bacteria (100)	Planctomycets (90)	Planctomycetia (90)	Planctomycetales (90)	Planctomycetaceae (90)	unclassified (<50)
OUT0823	Bacteria	Actinobacteria (84)	Actinobacteria (84)	Pseudonocardiales (78)	Pseudonocardiaceae (50)	unclassified (<50)
OUT0824	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Listonella* (70)
OTU0825	Bacteria (100)	Proteobacteria (100)	Betaproteobacteria (100)	Burkholderiales (100)	Oxalobacteraceae (100)	*Massilia* (58)
OTU0826	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (96)	unclassified (<50)
OTU0827	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (98)	Moraxellaceae (98)	*Acinetobacter* (95)
OTU0828	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Lactobacillales (100)	Streptococcaceae (100)	*Streptococcus* (100)
OTU0829	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (99)	Pseudomonadaceae (88)	*Pseudomonas* (83)
OTU0830	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhizobiales (100)	Methylobacteriaceae (98)	*Methylobacterium* (98)
OTU0831	Bacteria (100)	Firmicutes (100)	Clostridia (100)	Clostridiales (100)	Clostridiales_Incertae Sedis XI (100)	*Anaerococcus* (100)
OTU0832	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (87)
OTU0833	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (76)	unclassified (<50)

OTU0834	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pasteurellales (100)	Pasteurellaceae (100)	*Aggregatibacter* (55)
OTU0835	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Aeromonadales (88)	Aeromonadaceae (88)	*Aeromonas* (81)
OTU0836	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Listonella* (70)
OTU0837	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Enterobacteriales (100)	Enterobacteriaceae (100)	*Cronobacter* (53)
OTU0838	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (92)
OTU0839	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Lucibacterium* (50)
OTU0840	Bacteria (100)	Fusobacteria (100)	Fusobacteriia (100)	Fusobacteriales (100)	Fusobacteriaceae (100)	*Fusobacterium* (100)
OTU0841	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Alteromonadales (100)	Pseudoalteromonadaceae (97)	*Pseudoalteromonas* (96)
OTU0842	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (85)	unclassified (<50)
OTU0843	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhodobacterales (98)	Rhodobacteraceae (98)	*Paracoccus* (67)
OTU0844	Bacteria (100)	Firmicutes (97)	Bacilli (84)	Bacillales (70)	Staphylococcaceae (64)	unclassified (<50)
OTU0845	Bacteria (100)	Firmicutes (99)	Bacilli (97)	Bacillales (89)	Bacillaceae2 (65)	unclassified (<50)
OTU0846	Bacteria (100)	Fusobacteria (100)	Fusobacteriia (100)	Fusobacteriales (100)	Fusobacteriaceae (100)	*Cetobacterium* (96)
OTU0847	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	unclassified (<50)	unclassified (<50)	unclassified (<50)
OTU0848	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (84)	unclassified (<50)
OUT0849	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (85)	unclassified (<50)
OUT0850	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Listonella* (81)
OUT0851	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Actinomycetales (100)	unclassified (<50)	unclassified (<50)
OUT0852	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Actinomycetales (100)	unclassified (<50)	unclassified (<50)
OUT0853	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Vibrio* (68)
OUT0854	Bacteria (100)	Actinobacteria (99)	Actinobacteria (99)	Pseudonocardiales (97)	Pseudonocardiaceae (75)	unclassified (<50)
OUT0855	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Bifidobacteriales (100)	Bifidobacteriaceae (100)	*Scardovia* (100)
OUT0856	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Actinomycetales (99)	unclassified (<50)	unclassified (<50)

OUT0857	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Micrococcales (100)	Micrococcaceae (97)	*Rothia* (97)
OUT0858	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (65)	unclassified (<50)
OUT0859	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Enterobacteriales (100)	Enterobacteriaceae (100)	*Escherichia/Shigella* (81)
OUT0860	Bacteria (100)	Actinobacteria (99)	Actinobacteria (99)	Pseudonocardiales (99)	Pseudonocardiaceae (62)	unclassified (<50)
OUT0861	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhizobiales (95)	unclassified (<50)	unclassified (<50)
OUT0862	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Listonella* (73)
OUT0863	Bacteria (100)	Actinobacteria (98)	Actinobacteria (98)	Corynebacteriales (96)	Corynebacteriaceae (91)	*Corynebacterium* (88)
OUT0864	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Listonella* (90)
OUT0865	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Actinomycetales (100)	unclassified (<50)	unclassified (<50)
OUT0866	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Aeromonadales (95)	Aeromonadaceae (95)	*Aeromonas* (95)
OUT0867	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (98)	Alteromonadales (77)	Shewanellaceae (64)	*Shewanella* (64)
OUT0868	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (97)	Pseudonocardiaceae (88)	unclassified (<50)
OUT0869	Bacteria (100)	Bacteroidetes (100)	Bacteroidia (100)	Bacteroidales (100)	Porphyromonadaceae (100)	*Porphyromonas* (100)
OUT0870	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (99)	Pseudonocardiaceae (87)	unclassified (<50)
OUT0871	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (90)	Pseudomonadaceae (90)	*Pseudomonas* (51)
OUT0872	Bacteria (100)	Actinobacteria (96)	Actinobacteria (96)	Pseudonocardiales (95)	Pseudonocardiaceae (75)	*Labedaea* (55)
OTU0873	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (99)	unclassified (<50)	unclassified (<50)	unclassified (<50)
OTU0874	Bacteria (100)	Actinobacteria (98)	Actinobacteria (98)	Pseudonocardiales (98)	Pseudonocardiaceae (68)	unclassified (<50)
OTU0875	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhizobiales (93)	unclassified (<50)	unclassified (<50)
OTU0876	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Actinomycetales (100)	unclassified (<50)	unclassified (<50)
OTU0877	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (67)	unclassified (<50)
OTU0878	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (70)
OTU0879	Bacteria (100)	Actinobacteria (98)	Actinobacteria (98)	Actinomycetales (96)	unclassified (<50)	unclassified (<50)

OTU0880	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Listonella* (96)
OTU0881	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (100)	Moraxellaceae (100)	*Acinetobacter* (100)
OTU0882	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Bacillales (92)	unclassified (<50)	unclassified (<50)
OTU0883	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Actinomycetales (100)	unclassified (<50)	unclassified (<50)
OTU0884	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Actinomycetales (100)	unclassified (<50)	unclassified (<50)
OTU0885	Bacteria (100)	Firmicutes (99)	Negativicutes (90)	Selenomonadales (90)	Veillonellaceae (90)	unclassified (<50)
OTU0886	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (79)	unclassified (<50)
OTU0887	Bacteria (100)	Firmicutes (100)	Bacilli (99)	Bacillales (99)	Bacillales_Incertae Sedis XI (97)	*Gemella* (97)
OTU0888	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (100)	Pseudomonadaceae (100)	*Pseudomonas* (84)
OTU0888	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (98)	Pseudomonadaceae (98)	*Azotobacter* (63)
OTU0889	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhodobacterales (90)	Rhodobacteraceae (90)	unclassified (<50)
OTU0889	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhizobiales (55)	Phyllobacteriaceae (53)	*Phyllobacterium* (53)
OTU0890	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Bacillalles (100)	Planococcaceae (84)	*Chryseomicrobium* (80)
OTU0891	Bacteria (100)	Actinobacteria (99)	Actinobacteria (99)	Pseudonocardiales (99)	Pseudonocardiaceae (58)	unclassified (<50)
OTU0892	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Aeromonadales (85)	Aeromonadaceae (85)	*Aeromonas* (81)
OTU0892	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Aeromonadales (97)	Aeromonadaceae (97)	*Aeromonas* (97)
OTU0893	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	unclassified (<50)	unclassified (<50)	unclassified (<50)
OUT0894	Bacteria (100)	Firmicutes (99)	Bacilli (99)	Bacillales (53)	unclassified (<50)	unclassified (<50)
OUT0895	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (99)	Pseudonocardiaceae (78)	unclassified (<50)
OUT0896	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (70)	unclassified (<50)
OUT0897	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Lactobacillales (92)	Enterococcaceae (61)	unclassified (<50)
OUT0898	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Actinomycetales (100)	Actinomycetaceae (100)	*Actinomyces* (100)
OUT0899	Bacteria (100)	Actinobacteria (89)	Actinobacteria (89)	Pseudonocardiales (88)	Pseudonocardiaceae (75)	*Labedaea* (54)

OUT0900	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Geodermatophylales (100)	Geodermatophylaceae (98)	*Geodermatophylus* (69)
OUT0901	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Bifidobacteriales (100)	Bifidobacteriaceae (100)	*Gardnerella* (98)
OUT0902	Bacteria (100)	Actinobacteria (99)	Actinobacteria (99)	Pseudonocardiales (99)	Pseudonocardiaceae (80)	*Labedaea* (52)
OUT0903	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (89)	unclassified (<50)
OUT0904	Bacteria (100)	Proteobacteria (99)	Alphaproteobacteria (99)	Rhizobiales (59)	Phyllobacteriaceae (56)	*Phyllobacterium* (56)
OUT0905	Bacteria (100)	Actinobacteria (99)	Actinobacteria (99)	Pseudonocardiales (96)	Pseudonocardiaceae (85)	unclassified (<50)
OUT0906	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Bacillales (92)	Bacillaceae 2 (55)	unclassified (<50)
OUT0907	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (96)	Vibrionaceae (96)	unclassified (<50)
OUT0908	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (88)	unclassified (<50)
OUT0909	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (99)	Pseudomonadales (90)	Pseudomonadaceae (90)	unclassified (<50)
OUT0910	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Lactobacillales (90)	unclassified (<50)	unclassified (<50)
OUT0911	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (94)	Pseudonocardiaceae (76)	unclassified (<50)
OUT0912	Bacteria (100)	Firmicutes (100)	Negativicutes (99)	Selenomonadales (99)	Veillonellaceae (99)	*Veillonella* (62)
OUT0913	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (85)	unclassified (<50)
OUT0914	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (78)
OUT0915	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (78)	unclassified (<50)
OUT0916	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (99)	Pseudomonadales (94)	Pseudomonadaceae (94)	*Serpens* (60)
OUT0917	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhizobiales (78)	Phyllobacteriaceae (78)	*Phyllobacterium* (76)
OTU0918	Bacteria (100)	Actinobacteria (99)	Actinobacteria (99)	Pseudonocardiales (98)	Pseudonocardiaceae (75)	unclassified (<50)
OTU0919	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Actinomycetales (100)	unclassified (<50)	unclassified (<50)
OTU0920	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (97)	Vibrionaceae (97)	*Allomonas* (80)
OTU0921	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Actinomycetales (100)	unclassified (<50)	unclassified (<50)
OTU0922	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhodobacterales (99)	Rhodobacteraceae (99)	unclassified (<50)

OTU0923	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Actinomycetales (100)	unclassified (<50)	unclassified (<50)
OTU0924	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (99)	Pseudomonadales (99)	Moraxellaceae (99)	*Acinetobacter* (98)
OTU0925	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (83)	unclassified (<50)
OTU0926	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhizobiales (53)	Phyllobacteriaceae (51)	unclassified (50)
OTU0927	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Actinomycetales (100)	unclassified (<50)	unclassified (<50)
OTU0928	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (79)	unclassified (<50)
OTU0929	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (79)	unclassified (<50)
OTU0930	Bacteria (100)	Actinobacteria (99)	Actinobacteria (99)	Actinomycetales (99)	unclassified (<50)	unclassified (<50)
OTU0931	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Actinomycetales (99)	unclassified (<50)	unclassified (<50)
OTU0932	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhizobiales (90)	Phyllobacteriaceae (86)	*Phyllobacterium* (84)
OTU0933	Bacteria (100)	Proteobacteria (100)	Betaproteobacteria (100)	Burkholderiales (89)	Comamonadaceae (66)	*Brachymonas* (62)
OTU0934	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	unclassified (<50)	unclassified (<50)	unclassified (<50)
OTU0935	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (75)	unclassified (<50)
OTU0936	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Bacillales (98)	Bacillaceae (81) 2	unclassified (<50)
OTU0937	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Actinomycetales (100)	unclassified (<50)	unclassified (<50)
OTU0938	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Actinomycetales (100)	unclassified (<50)	unclassified (<50)
OTU0939	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhizobiales (97)	Rhodobiaceae (67)	*Anderseniella* (63)
OTU0940	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (84)
OTU0941	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Actinomycetales (100)	unclassified (<50)	unclassified (<50)
OTU0942	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Lactobacillales (100)	Enterococcaceae (79)	unclassified (<50)
OTU0943	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (98)	Vibrionales (94)	Vibrionaceae (94)	*Allomonas* (60)
OTU0944	Bacteria (100)	Proteobacteria (100)	Betaproteobacteria (100)	Burkholderiales (100)	Oxalobacteraceae (100)	*Duganella* (100)
OTU0945	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Actinomycetales (100)	unclassified (<50)	unclassified (<50)

OTU0946	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (90)	Vibrionaceae (90)	*Photobacterium* (53)
OTU0947	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Actinomycetales (100)	unclassified (<50)	unclassified (<50)
OTU0948	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhodobacterales (99)	Rhodobacteraceae (99)	unclassified (<50)
OTU0949	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (99)	Pseudonocardiaceae (66)	unclassified (<50)
OTU0950	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (93)	Pseudomonadaceae (93)	*Pseudomonas* (90)
OTU0951	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (75)	unclassified (<50)
OTU0952	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (87)	unclassified (<50)
OTU0953	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (89)	unclassified (<50)
OTU0954	Bacteria (100)	Actinobacteria (97)	Actinobacteria (96)	Pseudonocardiales (96)	Pseudonocardiaceae (69)	unclassified (<50)
OTU0955	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (100)	Pseudomonadaceae (100)	*Pseudomonas* (96)
OTU0956	Bacteria (100)	Actinobacteria (98)	Actinobacteria (98)	Pseudonocardiales (97)	Pseudonocardiaceae (78)	unclassified (<50)
OTU0957	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Lucibacterium* (80)
OTU0958	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (78)	unclassified (<50)
OTU0959	Bacteria (100)	unclassified (<50)	unclassified (<50)	unclassified (<50)	unclassified (<50)	unclassified (<50)
OTU0961	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (100)	Moraxellaceae (100)	*Acinetobacter* (99)
OTU0962	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (99)	Pseudonocardiaceae (82)	unclassified (<50)
OTU0964	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Actinomycetales (100)	unclassified (<50)	unclassified (<50)
OTU0967	Bacteria (100)	Firmicutes (96)	Bacilli (96)	Lactobacillales (88)	Streptococcaceae (88)	*Streptococcus* (88)
OTU0968	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Vibrio* (61)
OTU0969	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhizobiales (99)	Methylobacteriaceae (88)	*Methylobacterium* (84)
OUT0970	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Lucibacterium* (76)
OUT0972	Bacteria (99)	Bacteroidetes (98)	Bacteroidia (73	Bacteroidales (73)	Prevotellaceae (68)	*Alloprevotella* (56)
OUT0973	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (84)	unclassified (<50)

OUT0974	Bacteria (99)	Actinobacteria (96)	Actinobacteria (96)	Pseudonocardiales (94)	Pseudonocardiaceae (75)	unclassified (<50)
OUT0975	Bacteria (100)	Actinobacteria (99)	Actinobacteria (99)	Pseudonocardiales (97)	Pseudonocardiaceae (70)	unclassified (<50)
OUT0978	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (99)	Vibrionaceae (99)	*Allomonas* (52)
OUT0979	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Listonella* (93)
OUT0980	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (99)	Pseudonocardiaceae (90)	unclassified (<50)
OUT0983	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Lactobacillales (100)	Carnobacteriaceae (100)	*Alloiococcus* (100)
OUT0984	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (92)
OUT0985	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhizobiales (79)	Phyllobacteriaceae (68)	*Phyllobacterium* (68)
OUT0987	Bacteria (100)	Firmicutes (99)	Bacilli (96)	Bacillales (90)	Staphylococcaceae (70)	*Staphylococcus* (64)
OUT0988	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (77)
OUT0989	Bacteria (100)	Actinobacteria (84)	Actinobacteria (84)	Actinomycetales (84)	unclassified (<50)	unclassified (<50)
OUT0991	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (99)	Pseudomonadales (98)	Moraxellaceae (98)	*Acinetobacter* (86)
OUT0992	Bacteria (100)	Proteobacteria (92)	Alphaproteobacteria (90)	unclassified (<50)	unclassified (<50)	unclassified (<50)
OUT0993	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (89)	unclassified (<50)
OUT0994	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (84)	unclassified (<50)
OUT0995	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Micrococcales (100)	Intrasporangiaceae (96)	unclassified (<50)
OUT0996	Bacteria (100)	Actinobacteria (99)	Actinobacteria (99)	Pseudonocardiales (99)	Pseudonocardiaceae (76)	unclassified (<50)
OUT0997	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (100)	Moraxellaceae (100)	*Acinetobacter* (99)
OUT0998	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (51)
OUT1000	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Bacillales (97)	unclassified (<50)	unclassified (<50)
OUT1001	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (92)	Vibrionaceae (92)	*Allomonas* (65)
OTU1003	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (75)	Vibrionaceae (75)	unclassified (<50)
OTU1004	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (94)	Vibrionaceae (94)	*Lucibacterium* (50)

OTU1005	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (99)	Vibrionales (99)	Vibrionaceae (99)	*Allomonas* (83)
OTU1006	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pasteurellales (100)	Pasteurellaceae (100)	unclassified (<50)
OTU1007	Bacteria (100)	Proteobacteria (97)	Alphaproteobacteria (92)	Sphingomonadales (76)	Sphingomonadaceae (75)	*Sphingobium* (53)
OTU1008	Bacteria (100)	Actinobacteria (82)	Actinobacteria (82)	Pseudonocardiales (82)	Pseudonocardiaceae (52)	unclassified (<50)
OTU1010	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (96)	Vibrionaceae (96)	*Allomonas* (52)
OTU1014	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Vibrio* (51)
OTU1015	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Listonella* (97)
OTU1017	Bacteria (100)	Fusobacteria (100)	Fusobacteriia (100)	Fusobacteriales (100)	Fusobacteriaceae (100)	*Fusobacterium* (100)
OTU1018	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Actinomycetales (99)	unclassified (<50)	unclassified (<50)
OTU1021	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Micrococcales (100)	Dermabacteraceae (100)	*Brachybacterium* (100)
OTU1022	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pasteurellales (100)	Pasteurellaceae (100)	
OTU1023	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Sphingomonadales (93)	Sphingomonadaceae (93)	*Sphingomonas* (92)
OTU1024	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (99)	Pseudonocardiaceae (98)	*Saccharopolyspora* (65)
OTU1025	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (96)	Vibrionaceae (96)	*Allomonas* (57)
OTU1026	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Listonella* (94)
OTU1027	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhodobacterales (95)	Rhodobacteraceae (95)	*Amaricoccus* (82)
OTU1028	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (95)	unclassified (<50)
OTU1029	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Bacillales (99)	unclassified (<50)	unclassified (<50)
OTU1031	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (100)	Moraxellaceae (100)	*Acinetobacter* (93)
OTU1032	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (75)	unclassified (<50)
OTU1033	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Corynebacteriales (100)	Corynebacteriaceae (93)	*Corynebacterium* (85)
OTU1034	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Sphingomonadales (98)	Erythrobacteraceae (98)	*Erythrobacter* (98)
OUT1035	Bacteria (100)	Firmicutes (97)	Bacilli (96)	Lactobacillales (95)	Streptococcaceae (93)	*Streptococcus* (93)
OUT1036	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Listonella* (96)

OUT1037	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Lucibacterium* (62)
OUT1038	Bacteria (100)	Proteobacteria (100)	Betaproteobacteria (100)	Neisseriales (96)	Neisseriaceae (96)	
OUT1040	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Aeromonadales (59)	Aeromonadaceae (59)	unclassified (<50)
OUT1041	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Actinobacteria (100)	unclassified (<50)	unclassified (<50)
OUT1043	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Aeromonadales (84)	Aeromonadaceae (84)	*Aeromonas* (84)
OUT1044	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Lactobacillales (94)	Enterococcaceae (80)	*Enterococcus* (75)
OUT1045	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (98)	Vibrionaceae (98)	unclassified (<50)
OUT1046	Bacteria (100)	Firmicutes (100)	Bacilli (99)	Bacillales (98)	Staphylococcaceae (94)	*Staphylococcus* (89)
OUT1047	Bacteria (99)	Actinobacteria (99)	Actinobacteria (99)	Pseudonocardiales (95)	Pseudonocardiaceae (70)	unclassified (<50)
OUT1048	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Actinomycetales (100)	Micrococcaceae (100)	*Micrococcus* (100)
OUT1049	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (85)	Vibrionaceae (85)	unclassified (<50)
OUT1050	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Listonella* (87)
OUT1051	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pasteurellales (100)	Pasteurellaceae (100)	unclassified (<50)
OUT1052	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (93)	Vibrionaceae (93)	unclassified (<50)
OUT1053	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (97)	Pseudonocardiaceae (88)	unclassified (<50)
OUT1054	Bacteria (100)	Proteobacteria (100)	Betaproteobacteria (100)	Burkholderiales (100)	Oxalobacteraceae (100)	unclassified (<50)
OUT1055	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Lactobacillales (96)	unclassified (<50)	unclassified (<50)
OUT1057	Bacteria (99)	Firmicutes (98)	Bacilli (98)	Lactobacillales (97)	Streptococcaceae (92)	*Streptococcus* (92)
OUT1058	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (89)	unclassified (<50)
OUT1059	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (96)	Pseudomonadaceae (96)	*Azotobacter* (52)
OUT1061	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Lactobacillales (90)	Enterococcaceae (54)	unclassified (<50)
OUT1062	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (84)	unclassified (<50)
OTU1063	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (65)
OTU1064	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (62)

OTU1065	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Enterobacteriales (100)**	**Enterobacteriaceae (100)**	**unclassified (<50)**
OTU1066	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**Pseudonocardiaceae (95)**	**unclassified (<50)**
OTU1067	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Corynebacteriales (100)**	**Corynebacteriaceae (94)**	***Corynebacterium* (94)**
OTU1068	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Corynebacteriales (100)**	**Corynebacteriaceae (62)**	***Corynebacterium* (58)**
OTU1069	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Aliivibrio* (95)**
OTU1070	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (96)**	**Vibrionaceae (96)**	**unclassified (<50)**
OTU1071	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (99)**	**Pseudonocardiaceae (80)**	**unclassified (<50)**
OTU1072	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	**unclassified (<50)**
OTU1073	**Bacteria (100)**	**Proteobacteria (99)**	**Gammaproteobacteria (99)**	**Pseudomonadales (97)**	**Moraxellaceae (97)**	***Acinetobacter* (92)**
OTU1074	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Lucibacterium* (69)**
OTU1075	**Bacteria (100)**	**Proteobacteria (100)**	**Alphaproteobacteria (100)**	**Rhizobiales (79)**	**Phyllobacteriaceae (78)**	***Phyllobacterium* (77)**
OTU1077	**Bacteria (100)**	**Actinobacteria (98)**	**Actinobacteria (98)**	**Pseudonocardiales (92)**	**Pseudonocardiaceae (66)**	**unclassified (<50)**
OTU1078	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**Pseudonocardiaceae (85)**	**unclassified (<50)**
OTU1080	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (98)**	**Pseudonocardiaceae (79)**	**unclassified (<50)**
OTU1083	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**Pseudonocardiaceae (89)**	**unclassified (<50)**
OTU1085	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (99)**	**Vibrionaceae (99)**	***Enterovibrio* (68)**
OTU1086	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (98)**	**Pseudonocardiaceae (88)**	**unclassified (<50)**
OTU1087	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (82)**	**Vibrionaceae (82)**	***Allomonas* (56)**
OTU1088	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Chromatiales (86)**	**Chromatiaceae (86)**	**unclassified (<50)**
OTU1089	**Bacteria (100)**	**Actinobacteria (99)**	**Actinobacteria (99)**	**Pseudonocardiales (99)**	**unclassified (<50)**	**unclassified (<50)**
OTU1090	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (96)**	**Vibrionaceae (96)**	**unclassified (<50)**
OTU1091	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Corynebacteriales (100)**	**Corynebacteriaceae (99)**	***Turicella* (90)**
OTU1093	**Bacteria (100)**	**Actinobacteria (99)**	**Actinobacteria (99)**	**Pseudonocardiales (98)**	**Pseudonocardiaceae (86)**	**unclassified (<50)**
OTU1095	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**Pseudonocardiaceae (89)**	**unclassified (<50)**

OTU1096	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhizobiales (99)	Phyllobacteriaceae (97)	*Phyllobacterium* (96)
OTU1097	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhizobiales (56)	Phyllobacteriaceae (54)	*Phyllobacterium* (54)
OTU1098	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (99)	Pseudonocardiaceae (88)	unclassified (<50)
OTU1100	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (97)	Pseudomonadaceae (97)	*Azotobacter* (72)
OTU1101	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	unclassified (<50)	unclassified (<50)	unclassified (<50)
OTU1102	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhizobiales (100)	Methylobacteriaceae (100)	*Microvirga* (100)
OTU1104	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Corynebacteriales (99)	Corynebacteriaceae (90)	*Corynebacterium* (90)
OTU1105	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (99)	Pseudonocardiaceae (76)	unclassified (<50)
OTU1106	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (74)	unclassified (<50)
OTU1108	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Alteromonadales (100)	Pseudoalteromonadaceae (97)	*Pseudoalteromonas* (96)
OTU1112	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (90)	Pseudomonadaceae (90)	unclassified (<50)
OTU1113	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (78)	unclassified (<50)
OTU1114	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (72)
OTU1115	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Sphingomonadales (100)	Sphingomonadaceae (100)	*Sphingomonas* (100)
OTU1118	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhodobacterales (100)	Rhodobacteraceae (100)	*Paracoccus* (91)
OTU1119	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Corynebacteriales (100)	Corynebacteriaceae (97)	*Corynebacterium* (94)
OTU1120	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (71)
OTU1121	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Lactobacillales (100)	Streptococcaceae (100)	*Lactococcus* (100)
OTU1123	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Aeromonadales (100)	Aeromonadaceae (100)	*Aeromonas* (100)
OTU1124	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (67)
OTU1125	Bacteria (100)	Actinobacteria (99)	Actinobacteria (99)	Pseudonocardiales (99)	Pseudonocardiaceae (94)	unclassified (<50)
OTU1126	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (69)	unclassified (<50)
OTU1127	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Listonella* (93)
OTU1128	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	unclassified (<50)	unclassified (<50)	unclassified (<50)

OTU1129	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (59)	Moraxellaceae (59)	*Acinetobacter* (55)
OTU1130	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (50)
OTU1131	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Enterobacteriales (66)	Enterobacteriaceae (66)	unclassified (<50)
OTU1132	Bacteria (100)	Actinobacteria (97)	Actinobacteria (97)	Acidimicrobiales (85)	unclassified (<50)	unclassified (<50)
OTU1133	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (99)	Vibrionaceae (99)	*Allomonas* (84)
OTU1134	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Corynebacteriales (100)	Corynebacteriaceae (60)	*Corynebacterium* (61)
OTU1135	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Enterobacteriales (90)	Enterobacteriaceae (90)	unclassified (<50)
OTU1136	Bacteria (100)	Proteobacteria (99)	Gammaproteobacteria (99)	Vibrionales (95)	Vibrionaceae (95)	unclassified (<50)
OTU1137	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (76)
OTU1138	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Listonella* (75)
OTU1139	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (99)	Moraxellaceae (99)	*Acinetobacter* (93)
OTU1140	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (100)	Moraxellaceae (100)	*Acinetobacter* (93)
OTU1141	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Lactobacillales (100)	Streptococcaceae (98)	*Streptococcus* (97)
OTU1142	Bacteria (100)	Bacteroidetes (100)	Bacteroidia (97)	Bacteroidales (97)	unclassified (<50)	unclassified (<50)
OTU1143	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (80)	unclassified (<50)
OTU1144	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhodobacterales (97)	Rhodobacteraceae (97)	*Amaricoccus* (90)
OTU1145	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	unclassified (<50)
OTU1146	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (80)	Vibrionaceae (80)	*Photobacterium* (61)
OTU1147	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (80)
OTU1148	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (95)	Vibrionaceae (95)	*Photobacterium* (86)
OTU1149	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Listonella* (88)
OTU1150	Bacteria (100)	Proteobacteria (100)	Epsilonproteobacteria (100)	Campylobacterales (100)	Helicobacteraceae (100)	*Sulfurovum* (100)
OTU1151	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (83)
OTU1152	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (100)	Moraxellaceae (100)	*Acinetobacter* (99)

OTU1153	Bacteria (100)	Bacteroidetes (100)	Cytophagia (98)	Cytophagales (98)	Flammeovirgaceae (94)	*Marinoscillum* (57)
OTU1154	Bacteria (100)	Firmicutes (100)	Bacilli (98)	Bacillales (97)	Staphylococcaceae (88)	*Staphylococcus* (76)
OTU1155	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Bacillalles (100)	Planococcaceae (99)	*Sporosarcina* (99)
OTU1156	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Listonella* (90)
OTU1157	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Listonella* (85)
OTU1158	Bacteria (100)	Proteobacteria (99)	Gammaproteobacteria (97)	Pseudomonadales (67)	Moraxellaceae (50)	unclassified (<50)
OTU1159	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (78)
OTU1160	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (73)
OTU1161	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (65)	unclassified (<50)
OTU1162	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Enterobacteriales (99)	Enterobacteriaceae (99)	unclassified (<50)
OTU1163	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhizobiales (57)	unclassified (<50)	unclassified (<50)
OTU1164	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (83)
OTU1165	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (94)	Vibrionaceae (94)	unclassified (<50)
OTU1166	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (97)	unclassified (<50)
OTU1167	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (94	Chromatiales (89)	Chromatiaceae (88)	*Halochromatium* (75)
OTU1168	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhodobacterales (94)	Rhodobacteraceae (94)	unclassified (<50)
OTU1169	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	unclassified (<50)	unclassified (<50)
OTU1170	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (99)	Vibrionaceae (99)	unclassified (<50)
OTU1171	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Vibrio* (50)
OTU1172	Bacteria (100)	Firmicutes (100)	Clostridia (100)	Clostridiales (100)	Clostridiales_Incertae Sedis XI (100)	*Peptoniphilus* (100)
OTU1173	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Listonella* (74)
OTU1174	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (89)	Vibrionaceae (89)	unclassified (<50)
OUT1175	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Enterobacteriales (100)	Enterobacteriaceae (100)	unclassified (<50)
OUT1176	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (99)	Pseudonocardiaceae (92)	unclassified (<50)

OTU1177	Bacteria (100)	Firmicutes (100)	Bacilli (99)	Bacillales (94)	Staphylococcaceae (84)	*Staphylococcus* (73)
OTU1178	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhodobacterales (99)	Rhodobacteraceae (99)	unclassified (<50)
OTU1179	Bacteria (94)	Bacteroidetes (85)	Bacteroidia (68)	Bacteroidales (68)	Prevotellaceae (63)	unclassified (<50)
OTU1180	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Bacillalles (100)	Bacillales_Incertae Sedis XII (100)	*Exiguobacterium* (100)
OTU1181	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (99)	Pseudonocardiaceae (77)	unclassified (<50)
OTU1182	Bacteria (100)	Actinobacteria (97)	Actinobacteria (97)	Pseudonocardiales (94)	Pseudonocardiaceae (69)	unclassified (<50)
OTU1183	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (79)	unclassified (<50)
OTU1184	Bacteria (100)	Bacteroidetes (85)	unclassified (<50)	unclassified (<50)	unclassified (<50)	unclassified (<50)
OTU1185	Bacteria (100)	Actinobacteria (98)	Actinobacteria (98)	Pseudonocardiales (98)	Pseudonocardiaceae (62)	unclassified (<50)
OTU1186	Bacteria (100)	Cyanobacteria/ Chloroplast(78)	unclassified (<50)	unclassified (<50)	unclassified (<50)	unclassified (<50)
OTU1187	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Alteromonadales (100)	Pseudoalteromonadaceae (96)	*Pseudoalteromonas* (95)
OTU1188	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (98)	Vibrionaceae (98)	*Allomonas* (67)
OTU1189	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (75)	unclassified (<50)
OTU1190	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (99)	Pseudonocardiaceae (69)	unclassified (<50)
OTU1191	Bacteria (100)	Actinobacteria (98)	Actinobacteria (98)	Pseudonocardiales (96)	Pseudonocardiaceae (70)	unclassified (<50)
OTU1192	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhodobacterales (89)	Rhodobacteraceae (89)	*Roseicyclus* (52)
OTU1193	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (73)
OTU1194	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (99)	Alteromonadales (68)	unclassified (<50)	unclassified (<50)
OTU1195	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Listonella* (81)
OTU1196	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (68)	Vibrionaceae (68)	unclassified (<50)
OTU1197	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (100)	Moraxellaceae (100)	*Acinetobacter* (97)
OTU1198	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (90)	unclassified (<50)
OTU1199	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (99)	Vibrionaceae (99)	*Allomonas* (76)
OTU1200	Bacteria (100)	Proteobacteria (99)	Gammaproteobacteria (99)	Vibrionales (90)	Vibrionaceae (90)	*Allomonas* (51)

OTU1201	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	unclassified (<50)
OTU1202	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (71)
OTU1203	Bacteria (100)	Actinobacteria (97)	Actinobacteria (97)	Pseudonocardiales (97)	Pseudonocardiaceae (87)	unclassified (<50)
OTU1204	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (80)	unclassified (<50)
OTU1205	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (100)	unclassified (<50)
OTU1206	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (62)	unclassified (<50)
OTU1207	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (89)	unclassified (<50)
OTU1208	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Aeromonadales (66)	Aeromonadaceae (66)	*Aeromonas* (54)
OTU1209	Bacteria (100)	Actinobacteria (96)	Actinobacteria (96)	Acidimicrobiales (51)	unclassified (<50)	unclassified (<50)
OTU1210	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (77)	Pseudomonadaceae (77)	*Serpens* (63)
OTU1211	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (83)	Pseudomonadaceae (83)	unclassified (<50)
OTU1212	Bacteria (100)	Actinobacteria (98)	Actinobacteria (98)	Pseudonocardiales (98)	Pseudonocardiaceae (75)	unclassified (<50)
OTU1213	Bacteria (100)	Proteobacteria (84)	Alphaproteobacteria (69)	unclassified (<50)	unclassified (<50)	unclassified (<50)
OTU1214	Bacteria (100)	Actinobacteria (98)	Actinobacteria (98)	Pseudonocardiales (97)	Pseudonocardiaceae (70)	unclassified (<50)
OTU1215	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (54)
OTU1216	Bacteria	Actinobacteria (96)	Actinobacteria (96)	Pseudonocardiales (95)	Pseudonocardiaceae (76)	unclassified (<50)
OTU1217	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (97)	Vibrionaceae (97)	unclassified (<50)
OTU1218	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (99)	Vibrionales (74)	Vibrionaceae (74)	unclassified (<50)
OTU1219	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (70)	Vibrionaceae (70)	unclassified (<50)
OTU1220	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (100)	Pseudomonadaceae (100)	*Pseudomonas* (95)
OTU1221	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (97)	unclassified (<50)
OTU1222	Bacteria	Planctomycetes (69)	Planctomycetia (69)	Planctomycetales (69)	Planctomycetaceae (69)	unclassified (<50)
OTU1223	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Enterobacteriales (87)	Enterobacteriaceae (87)	unclassified (<50)
OTU1224	Bacteria (100)	Bacteroidetes (100)	Bacteroidia (100)	Bacteroidales (100)	Prevotellaceae (100)	*Prevotella* (100)

OTU1225	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Micrococcales (100)	Micrococcaceae (99)	*Nesterenkonia* (75)
OTU1226	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhodobacterales (91)	Rhodobacteraceae (91)	*Roseicyclus* (50)
OTU1227	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhodobacterales (95)	Rhodobacteraceae (95)	unclassified (<50)
OTU1228	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (90)	unclassified (<50)
OTU1229	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Alteromonadales (78)	Pseudoalteromonadaceae (70)	*Pseudoalteromonas* (70)
OTU1230	Bacteria (100)	Chloroflexi (76)	Caldilineae (75)	Caldilineales (75)	Caldilineaceae (75)	*Litorilinea* (66)
OTU1231	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (92)	Pseudomonadaceae (92)	unclassified (<50)
OTU1232	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (88)
OTU1233	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (93)	Vibrionaceae (93)	unclassified (<50)
OTU1234	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (75)	unclassified (<50)
OTU1235	Bacteria (100)	Firmicutes (100)	Bacilli (93)	unclassified (<50)	unclassified (<50)	unclassified (<50)
OTU1236	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (95)	Vibrionales (92)	Vibrionaceae (92)	*Allomonas* (83)
OTU1237	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (93)	Pseudomonadaceae (93)	unclassified (<50)
OTU1238	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Enterobacteriales (98)	Enterobacteriaceae (98)	unclassified (<50)
OTU1239	Bacteria (100)	Firmicutes (99)	Clostridia (99)	Clostridiales (99)	Lachnospiraceae (80)	*Cellulosilyticum* (78)
OUT1240	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Aeromonadales (69)	Aeromonadaceae (69)	*Allomonas* (66)
OUT1241	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Micrococcales (100)	Micrococcaceae (93)	*Rothia* (90)
OUT1242	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Listonella* (76)
OUT1243	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Enterobacteriales (95)	Enterobacteriaceae (95)	unclassified (<50)
OUT1244	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhodobacterales (99)	Rhodobacteraceae (99)	unclassified (<50)
OUT1245	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Bacillalles (100)	Listeriaceae (95)	*Brochothrix* (95)
OUT1246	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Listonella* (74)
OUT1247	Bacteria (100)	Planctomycets (100)	Planctomycetia (100)	Planctomycetales (100)	Planctomycetaceae (100)	*Pirellula* (70)
OUT1248	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (88)	Vibrionaceae (88)	unclassified (<50)

OTU1249	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Alteromonadales (100)	Pseudoalteromonadaceae (97)	*Pseudoalteromonas* (88)
OTU1250	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (98)	Pseudonocardiaceae (72)	unclassified (<50)
OTU1251	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (82)	unclassified (<50)
OTU1252	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (100)	unclassified (<50)
OTU1253	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhodospirillales (99)	Rhodospirillaceae (97)	*Azospirillum* (95)
OTU1254	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (85)	unclassified (<50)
OTU1255	Bacteria (100)	unclassified (<50)	unclassified (<50)	unclassified (<50)	unclassified (<50)	unclassified (<50)
OTU1256	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (98)	Vibrionaceae (98)	*Salinivibrio* (54)
OTU1257	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Aeromonadales (72)	Aeromonadaceae (72)	*Aeromonas* (54)
OTU1258	Bacteria (100)	Proteobacteria (99)	Gammaproteobacteria (98	Pseudomonadales (93)	Pseudomonadaceae (93)	*Azomonas* (62)
OTU1259	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (99)	Vibrionaceae (99)	*Allomonas* (61)
OTU1260	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (99)	Pseudonocardiaceae (88)	unclassified (<50)
OTU1261	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	unclassified (<50)
OTU1262	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (65)
OTU1263	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhodobacterales (96)	Rhodobacteraceae (96)	*Thalassobius* (58)
OTU1264	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (97)	Pseudonocardiaceae (88)	unclassified (<50)
OTU1265	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Alteromonadales (100)	Shewanellaceae (100)	*Shewanella* (100)
OTU1266	Bacteria	Actinobacteria (96)	Actinobacteria (96)	Pseudonocardiales (95)	Pseudonocardiaceae (74)	unclassified (<50)
OTU1267	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (80)	unclassified (<50)
OTU1268	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Oceanospirillales (95)	Alcanivoracaceae (94)	*Alcanivorax* (94)
OTU1269	Bacteria (100)	Proteobacteria (99)	Betaproteobacteria (82	Neisseriales (78)	Neisseriaceae (78)	unclassified (<50)
OTU1270	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Listonella* (88)
OTU1271	Bacteria (100)	Proteobacteria (99)	Gammaproteobacteria (99)	Pseudomonadales (85)	Pseudomonadaceae (85)	*Pseudomonas* (54)
OTU1272	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (99)	Vibrionaceae (99)	*Listonella* (84)

OTU1273	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (90)	Vibrionaceae (90)	unclassified (<50)
OTU1274	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhodobacterales (97)	Rhodobacteraceae (97)	unclassified (<50)
OTU1275	Bacteria (100)	Proteobacteria (99)	Gammaproteobacteria (99)	Oceanospirillales (54)	unclassified (<50)	unclassified (<50)
OTU1276	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	unclassified (<50)
OTU1277	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Listonella* (90)
OTU1278	Bacteria (100)	Deinococcus-Thermus (100)	Deinococci (100)	Thermales (100)	Thermaceae (100)	*Thermus* (100)
OTU1279	Bacteria (100)	Proteobacteria (98)	Gammaproteobacteria (96)	Pseudomonadales (94)	Moraxellaceae (94)	*Acinetobacter* (70)
OTU1280	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Lucibacterium* (82)
OTU1281	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (99)	unclassified (<50)
OTU1282	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (75)
OTU1283	Bacteria (100)	Actinobacteria (99)	Actinobacteria (99)	Pseudonocardiales (99)	Pseudonocardiaceae (87)	unclassified (<50)
OTU1284	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Lactobacillales (100)	Leuconostocaceae (100)	*Leuconostoc* (100)
OTU1285	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhodobacterales (97)	Rhodobacteraceae (97)	unclassified (<50)
OTU1286	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (59)
OTU1287	Bacteria (100)	Firmicutes (99)	Bacilli (98)	Bacillales (91)	Staphylococcaceae (83)	*Staphylococcus* (60)
OTU1288	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (66)
OTU1289	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (97)	Pseudomonadaceae (97)	*Pseudomonas* (69)
OTU1290	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Vibrio* (63)
OTU1291	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (57)
OTU1292	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (80)
OTU1293	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (64)
OTU1294	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (93)	Moraxellaceae (93)	*Acinetobacter* (92)
OTU1295	Bacteria (100)	Firmicutes (100)	Bacilli (100)	Bacillalles (100)	Listeriaceae (92)	*Brochothrix* (92)
OTU1296	Bacteria (100)	Firmicutes (99)	Bacilli (99)	Lactobacillales (95)	Lactobacillaceae (68)	*Lactobacillus* (57)

OTU1297	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	**unclassified (<50)**
OTU1298	**Bacteria (100)**	**Firmicutes (100)**	**Bacilli (100)**	**Bacillales (97)**	**unclassified (<50)**	**unclassified (<50)**
OTU1299	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**Pseudonocardiaceae (82)**	**unclassified (<50)**
OTU1300	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (99)**	**Pseudonocardiaceae (95)**	**unclassified (<50)**
OTU1301	**Bacteria (95)**	**unclassified (<50)**	**unclassified (<50)**	**unclassified (<50)**	**unclassified (<50)**	**unclassified (<50)**
OTU1302	**Bacteria (99)**	**unclassified (<50)**	**unclassified (<50)**	**unclassified (<50)**	**unclassified (<50)**	**unclassified (<50)**
OTU1303	**Bacteria (100)**	**Bacteroidetes (98)**	**Sphingobacteria (90)**	**Sphingobacteriales (90)**	**Saprospiraceae (86)**	**unclassified (<50)**
OTU1304	**Bacteria (100)**	**Actinobacteria (98)**	**Actinobacteria (98)**	**Pseudonocardiales (98)**	**Pseudonocardiaceae (83)**	**unclassified (<50)**
OTU1305	**Bacteria (100)**	**Proteobacteria (100)**	**Alphaproteobacteria (100)**	**Rhodobacterales (59)**	**Rhodobacteraceae (59)**	**unclassified (<50)**
OTU1306	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Allomonas* (62)**
OTU1307	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Oceanospirillales (100)**	**Oceanospirillaceae (100)**	***Marinomonas* (100)**
OTU1308	**Bacteria (100)**	**Proteobacteria (100)**	**Alphaproteobacteria (100)**	**Rhodobacterales (87)**	**Rhodobacteraceae (87)**	***Roseicyclus* (51)**
OTU1309	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (99)**	**Vibrionaceae (99)**	***Allomonas* (87)**
OTU1310	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (87)**	**Vibrionales (86)**	**Vibrionaceae (86)**	***Allomonas* (76)**
OTU1311	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (99)**	**Aeromonadales (75)**	**Aeromonadaceae (75)**	***Aeromonas* (65)**
OTU1312	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (98)**	**Pseudonocardiaceae (78)**	**unclassified (<50)**
OTU1313	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Allomonas* (57)**
OTU1314	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (98)**	**Vibrionaceae (98)**	**unclassified (<50)**
OTU1315	**Bacteria (100)**	**Bacteroidetes (100)**	**Flavobacteria (100)**	**Flavobacteriales (100)**	**Flavobacteriaceae (100)**	***Cloacibacterium* (100)**
OTU1316	**Bacteria (100)**	**Planctomycets (51)**	**Planctomycetia (51)**	**unclassified (<50)**	**unclassified (<50)**	**unclassified (<50)**
OTU1317	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Allomonas* (70)**
OTU1318	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (80)**	**Vibrionaceae (80)**	**unclassified (<50)**
OUT1319	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Pseudomonadales (100)**	**Moraxellaceae (100)**	***Acinetobacter* (100)**
OUT1320	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Listonella* (77)**

OUT1321	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Alteromonadales (100)**	**Shewanellaceae (100)**	***Shewanella* (100)**
OUT1322	**Bacteria (100)**	**Actinobacteria (99)**	**Actinobacteria (99)**	**Pseudonocardiales (98)**	**Pseudonocardiaceae (79)**	**unclassified (<50)**
OUT1323	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**Pseudonocardiaceae (80)**	**unclassified (<50)**
OUT1324	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**Pseudonocardiaceae (97)**	**unclassified (<50)**
OUT1325	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**unclassified (<50)**	**unclassified (<50)**
OUT1326	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Allomonas* (77)**
OUT1327	**Bacteria (100)**	**Proteobacteria (100)**	**Alphaproteobacteria (100)**	**Rhodobacterales (99)**	**Rhodobacteraceae (99)**	**unclassified (<50)**
OUT1328	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Vibrio* (68)**
OUT1329	**Bacteria (100)**	**Proteobacteria (100)**	**Alphaproteobacteria (100)**	**Rhodospirillales (100)**	**Rhodospirillaceae (98)**	***Azospirillum* (86)**
OUT1330	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Lucibacterium* (52)**
OUT1331	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Allomonas* (81)**
OUT1332	**Bacteria (100)**	**Firmicutes (99)**	**Bacilli (90)**	**Bacillales (82)**	**Staphylococcaceae (67)**	***Staphylococcus* (50)**
OUT1333	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Aeromonadales (100)**	**Aeromonadaceae (100)**	***Aeromonas* (100)**
OUT1334	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (90)**	**Vibrionaceae (90)**	**unclassified (<50)**
OUT1335	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (95)**	**Alteromonadales (93)**	**Pseudoalteromonadaceae (83)**	***Pseudoalteromonas* (63)**
OUT1336	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Vibrio* (63)**
OUT1337	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	***Listonella* (62)**
OUT1338	**Bacteria (100)**	**Actinobacteria (80)**	**Actinobacteria (80)**	**Pseudonocardiales (80)**	**Pseudonocardiaceae (67)**	**unclassified (<50)**
OUT1339	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (100)**	**Vibrionaceae (100)**	**unclassified (<50)**
OUT1340	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (97)**	**Vibrionaceae (97)**	***Allomonas* (78)**
OUT1341	**Bacteria (100)**	**Actinobacteria (80)**	**Actinobacteria (80)**	**Pseudonocardiales (80)**	**Pseudonocardiaceae (70)**	**unclassified (<50)**
OUT1342	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Enterobacteriales (100)**	**Enterobacteriaceae (100)**	***Escherichia/Shigella* (98)**
OTU1343	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Pseudomonadales (100)**	**Moraxellaceae (100)**	***Acinetobacter* (100)**
OTU1344	**Bacteria**	**Proteobacteria (99)**	**Gammaproteobacteria (99)**	**Vibrionales (76)**	**Vibrionaceae (76)**	**unclassified (<50)**

OTU1345	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (78)
OTU1346	Bacteria (100)	Firmicutes (100)	Clostridia (100)	Clostridiales (100)	Clostridiales_Incertae Sedis XI (100)	*Peptoniphilus* (100)
OTU1347	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (74)
OTU1348	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (97)	Vibrionaceae (97)	unclassified (<50)
OTU1349	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Aeromonadales (99)	Aeromonadaceae (99)	*Aeromonas* (99)
OTU1350	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (99)	Moraxellaceae (99)	*Acinetobacter* (97)
OTU1351	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	unclassified (<50)
OTU1352	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	unclassified (<50)	unclassified (<50)
OTU1353	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (52)
OTU1354	Bacteria (100)	Bacteroidetes (97)	Sphingobacteria (90)	Sphingobacteriales (90)	Saprospiraceae (79)	*Haliscomenobacter* (75)
OTU1355	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Lucibacterium* (69)
OTU1356	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (90)	Vibrionaceae (90)	*Allomonas* (66)
OTU1357	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Lucibacterium* (76)
OTU1358	Bacteria (99)	unclassified (<50)	unclassified (<50)	unclassified (<50)	unclassified (<50)	unclassified (<50)
OTU1359	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (83)	unclassified (<50)
OTU1360	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (100)	Moraxellaceae (100)	*Acinetobacter* (99)
OTU1361	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (76)
OTU1362	Bacteria (100)	Proteobacteria (99)	Gammaproteobacteria (98)	Vibrionales (97)	Vibrionaceae (97)	*Allomonas* (86)
OTU1363	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (70)
OTU1364	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (94)	unclassified (<50)
OTU1365	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (99)	Vibrionaceae (99)	unclassified (<50)
OTU1366	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Enterobacteriales (100)	Enterobacteriaceae (100)	unclassified (<50)
OUT1367	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (99)	unclassified (<50)
OUT1368	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (99)	Vibrionaceae (99)	*Allomonas* (57)

OUT1369	Bacteria (100)	Actinobacteria (84)	Actinobacteria (84)	Acidimicrobiales (51)	Acidimicrobiaceae (51)	unclassified (<50)
OUT1370	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Aeromonadales (97)	Aeromonadaceae (97)	*Aeromonas* (94)
OUT1371	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (88)	unclassified (<50)
OUT1372	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (84)	unclassified (<50)
OUT1373	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (73)	Vibrionaceae (73)	unclassified (<50)
OUT1374	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (89)	unclassified (<50)
OUT1375	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Alteromonadales (100)	Pseudoalteromonadaceae (96)	*Pseudoalteromonas* (96)
OUT1376	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (99)	Vibrionaceae (99)	*Listonella* (60)
OUT1377	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (76)
OUT1378	Bacteria (100)	Proteobacteria (100)	Alphaproteobacteria (100)	Rhodobacterales (98)	Rhodobacteraceae (98)	unclassified (<50)
OUT1379	Bacteria (99)	Proteobacteria (78)	unclassified (<50)	unclassified (<50)	unclassified (<50)	unclassified (<50)
OUT1380	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (97)	Pseudonocardiaceae (78)	unclassified (<50)
OUT1381	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (74)	Vibrionaceae (74)	unclassified (<50)
OUT1382	Bacteria (100)	Actinobacteria (99)	Actinobacteria (99)	Pseudonocardiales (98)	Pseudonocardiaceae (77)	unclassified (<50)
OUT1383	Bacteria (100)	Actinobacteria (100)	Actinobacteria (100)	Pseudonocardiales (100)	Pseudonocardiaceae (86)	unclassified (<50)
OUT1384	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Listonella* (82)
OUT1385	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (98)	Pseudomonadaceae (98)	*Pseudomonas* (70)
OUT1386	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Vibrio* (84)
OUT1387	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	unclassified (<50)
OUT1388	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Vibrionales (100)	Vibrionaceae (100)	*Allomonas* (68)
OUT1389	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (99)	Vibrionales (97)	Vibrionaceae (97)	*Allomonas* (53)
OUT1390	Bacteria (100)	Proteobacteria (100)	Gammaproteobacteria (100)	Pseudomonadales (100)	Moraxellaceae (100)	*Acinetobacter* (100)

OTU1391	**Bacteria (100)**	**Proteobacteria (100)**	**Gammaproteobacteria (100)**	**Vibrionales (99)**	**Vibrionaceae (99)**	**unclassified (<50)**
OTU1392	**Bacteria (100)**	**Actinobacteria (98)**	**Actinobacteria (98)**	**Pseudonocardiales (96)**	**unclassified (<50)**	**unclassified (<50)**
OTU1393	**Bacteria (100)**	**Proteobacteria (100)**	**Alphaproteobacteria (100)**	**Rhodobacterales (70)**	**Rhodobacteraceae (70)**	**unclassified (<50)**
OTU1394	**Bacteria (100)**	**Actinobacteria (100)**	**Actinobacteria (100)**	**Pseudonocardiales (100)**	**Pseudonocardiaceae (92)**	**unclassified (<50)**

Table S2. BLAST homologies for the OTUs found at least five times

OTUs	Best BLAST homology	Entry	%	sample
OTU0001	Uncultured *Saccharopolyspora* sp. clone VE21-K19 16S ribosomal RNA gene, partial sequence	KF767307	99	parchment
OTU0002	*Saccharopolyspora* sp. AFM 10238 16S ribosomal RNA gene, partial sequence	KF673492	98	Dead Sea
OTU0003	Uncultured bacterium clone I3Q1XXJ02CAUFP 16S ribosomal RNA gene, partial sequence	KP952426	99	intestinal flora of black tiger shrimp
OTU0004	*Saccharopolyspora* sp. 13-18-42 16S ribosomal RNA gene, partial sequence	KM886189	99	sponge, South China Sea
OTU0005	*Pseudoalteromonas* sp. H6 16S ribosomal RNA gene, partial sequence	KX236489	99	seawater
OTU0006	Uncultured bacterium clone HYPJBHH15I4RDY 16S ribosomal RNA gene, partial sequence	KF316172	99	hydraulic fracturing fluids and produced water from shale gas extraction
OTU0007	*Acinetobacter* sp. G2-5 partial 16S rRNA gene, isolate G2-5	LK054569	99	anchihaline waters, Western Mediterranean coastal cave
OTU0008	*Aeromonas veronii* strain CB51, complete genome	CP015448	99	blood
OTU0009	Uncultured bacterium clone I3Q1XXJ02BWIF9 16S ribosomal RNA gene, partial sequence	KP953689	99	intestinal flora of black tiger shrimp
OTU0010	Uncultured bacterium clone I3Q1XXJ02BTJK5 16S ribosomal RNA gene, partial sequence	KP952131	99	intestinal flora of black tiger shrimp
OTU0011	*Acinetobacter pittii* strain IITRC19 16S ribosomal RNA gene, partial sequence	KU715842	99	pulp paper mill discharged sludge
OTU0012	*Staphylococcus aureus* strain ST20130938, complete genome	CP012978	99	hip prosthesis infection
OTU0013	*Pseudomonas* sp. G3-45 partial 16S rRNA gene, isolate G3-45	LK054584	99	anchihaline waters, Western Mediterranean coastal cave
OTU0014	Uncultured bacterium clone nbw525c03c1 16S ribosomal RNA	GQ105040	99	skin, volar forearm

	gene, partial sequence			
OTU0015	Uncultured Pseudonocardiaceae bacterium partial 16S rRNA gene, clone IZ35.2_K11	FN689586	99	fragment of paper bulls of indulgence of the 15th-16th century
OTU0016	*Pantoea agglomerans* strain XF1 16S ribosomal RNA gene, partial sequence	KU373053	99	sugar industry
OTU0017	*Phyllobacterium* sp. JCM 28305 gene for 16S ribosomal RNA, partial	LC133652	99	stone chambers of the Takamatsuzuka and Kitora Tumuli
OTU0018	*Enterococcus hirae* strain RCB498 16S ribosomal RNA gene, partial sequence	KT260710	100	bat guano
OTU0019	Uncultured *Saccharopolyspora* sp. clone VE21-K36 16S ribosomal RNA gene, partial sequence	KF767309	99	parchment
OTU0020	Uncultured Corynebacterineae bacterium clone 5788 16S ribosomal RNA gene, partial sequence	KP106988	100	fecal sample
OTU0021	Uncultured bacterium clone G4TICC403GDU7W 16S ribosomal RNA gene, partial sequence	JQ074296	99	indoor air
OTU0022	Uncultured bacterium clone G7DUZBG01BCKNP 16S ribosomal RNA gene, partial sequence	JX940887	99	intestinal flora of black tiger shrimp
OTU0023	*Bacillus amyloliquefaciens* strain CH-04 16S ribosomal RNA gene, partial sequence	KU352764	99	coastal marine water, Tamil Nadu, India
OTU0024	*Escherichia coli* strain RCB930 16S ribosomal RNA gene, partial sequence	KT261142	100	bat guano
OTU0025	Uncultured bacterium clone GXTJ5A301AX3JO 16S ribosomal RNA gene, partial sequence	KF332701	99	intestinal flora of black tiger shrimp
OTU0026	Uncultured *Saccharopolyspora* sp. clone VE21-K19 16S ribosomal RNA gene, partial sequence	KF767307	98	parchment
OTU0027	Uncultured bacterium clone OTU_23810 16S ribosomal RNA gene,	KR855094	99	soil of a tobacco plantation

	partial sequence			
OTU0028	*Saccharopolyspora qijiaojingensis* strain YIM 91168 16S ribosomal RNA gene, partial sequence	NR_116107	99	salt lake
OTU0029	Uncultured bacterium clone I3Q1XXJ01BC414 16S ribosomal RNA gene, partial sequence	KP953369	99	intestinal flora of black tiger shrimp
OTU0030	*Vibrio ponticus* strain SB6 16S ribosomal RNA, partial sequence	KU249214	99	fish
OTU0031	Uncultured bacterium clone OTU_81 16S ribosomal RNA gene, partial sequence	KT360371	99	Pu-erh tea
OTU0032	*Acinetobacter tjernbergiae* strain T40 16S ribosomal RNA gene, partial sequence	KU991570	100	surface water
OTU0033	Uncultured bacterium clone nbw14e10c1 16S ribosomal RNA gene, partial sequence	GQ060210	99	human skin, external auditory canal
OTU0034	*Pseudomonas indoloxydans* strain Bss-13a 16S ribosomal RNA gene	KX161387	99	halophilic and halotolerant bacteria from Badab-e Surt travertine spring
OTU0035	*Alteromonas confluentis* strain DSSK2-12 16S ribosomal RNA, partial sequence	NR_137375	99	water from the junction between the ocean and a freshwater spring
OTU0036	Uncultured bacterium clone nbw212d06c1 16S ribosomal RNA gene partial sequence	GQ073741	98	skin microbiome
OTU0037	*Pseudomonas stutzeri* strain AAU PG1 16S ribosomal RNA gene, partial	KX358068	99	organic concoction "panchagavya"
OTU0039	Uncultured *Photobacterium* sp. clone F.c-7 16S ribosomal RNA gene, partial sequence	GU225837	99	shrimp intestine
OTU0040	*Massilia timonae* strain Bsw-26b 16S ribosomal RNA gene, partial sequence	KX161400	99	water, Badab-e Surt travertine spring

OTU0041	Uncultured bacterium clone G4TICC403GDU7W 16S ribosomal RNA gene, partial sequence	JQ074296	98	Indoor air
OTU0042	*Streptococcus vestibularis* strain MRS_87-5 16S ribosomal RNA gene, partial sequence	KX673987	99	human fecal sample
OTU0043	*Marinomonas ushuaiensis* strain hMe9-8 16S ribosomal RNA gene, partial sequence	KX453227	99	fluids of marine invertebrates
OTU0044	Uncultured bacterium clone HH_b02_1 16S ribosomal RNA gene, partial sequence	EU775648	100	hedgehog faeces
OTU0045	*Finegoldia magna* strain DNF00923 16S ribosomal RNA gene, partial sequence	KU726690	99	vaginal fluid from subject with bacterial vaginosis
OTU0046	*Micrococcus* sp. strain BAB-5964 16S ribosomal RNA gene, partial sequence	KX622627	99	soil
OTU0047	*Saccharopolyspora halotolerans* strain TRM 45123 16S ribosomal RNA, partial sequence	NR_134166	98	hypersaline lake
OTU0048	Uncultured bacterium clone p23_20-D03 16S ribosomal RNA gene, partial sequence	KX437175	100	plaque from teeth
OTU0049	Uncultured bacterium clone I3Q1XXJ02BS9EH 16S ribosomal RNA gene, partial sequence	KP953699	100	intestinal flora of black tiger shrimp
OTU0050	*Corynebacterium variabile* strain AA6-6 16S ribosomal RNA gene, partial sequence	KU663670	99	insect gut microflora
OTU0051	Uncultured *Saccharopolyspora* sp. clone VE21-K11 16S ribosomal RNA gene, partial sequence	KF767304	99	parchment
OTU0052	*Pseudoalteromonas marina* strain NJES-88 16S ribosomal RNA gene, partial sequence	KR140261	99	digestive tracts of Antarctic krills
OTU0053	Uncultured bacterium clone IZ1RPV403DLWZX 16S ribosomal RNA	KP948142	99	intestinal flora of black tiger shrimp

	gene, partial sequence			
OTU0054	*Saccharopolyspora cavernae* strain YIM C01235 16S ribosomal RNA gene, partial sequence	NR_126289	97	swallow cave in Yunnan
OTU0055	Uncultured bacterium clone IZ1RPV404EDZS2 16S ribosomal RNA gene, partial sequence	KP948749	99	intestines of the black tiger shrimp
OTU0056	Uncultured *Vibrio* sp. clone T028deg41 16S ribosomal RNA gene, partial sequence	JN210667	99	sponge tissue
OTU0057	*Acinetobacter* sp. HKG 224 16S ribosomal RNA gene, partial sequence	KU687329	99	soil sediments
OTU0058	*Massilia alkalitolerans* 16S ribosomal RNA gene, partial sequence	KX013423	99	desertic areas of South-East Morocco
OTU0059	Uncultured bacterium clone BIGO525 16S ribosomal RNA gene, partial sequence	HM558649	99	herbivore insect microbiome
OTU0060	Uncultured bacterium clone 071065_556 16S ribosomal RNA gene, partial sequence	JQ475196	99	human mouth
OTU0061	*Cobetia amphilecti* strain 25 16S ribosomal RNA gene, partial sequence	KX218313	99	male *Octopus* mucus
OTU0062	Uncultured bacterium clone HYPJBHH13H4NHH 16S ribosomal RNA gene, partial sequence	KF316017	99	hydraulic fracturing fluids and produced water from shale gas extraction
OTU0063	Uncultured bacterium clone ncd700e08c1 16S ribosomal RNA gene, partial sequence	HM291804	99	skin, nare
OTU0064	Uncultured bacterium clone IZ1RPV403CYXQV 16S ribosomal RNA gene, partial sequence	KP948057	99	intestinal flora of black tiger shrimp
OTU0065	Uncultured bacterium clone ncd1885c01c1 16S ribosomal RNA gene, partial sequence	JF162761	99	skin, antecubital fossa
OTU0066	Uncultured *Acinetobacter* sp. clone BER_e12 16S ribosomal RNA gene,	JQ815599	100	Tinto River acidic sediments

	partial sequence			
OTU0067	Uncultured bacterium clone G4RKN2Y15JDCSA	KC033337	99	soybean aphid
OTU0068	Uncultured bacterium clone GXTJ5A301BBJGP 16S ribosomal RNA gene, partial sequence	KF329567	98	intestinal flora of black tiger shrimp
OTU0069	Uncultured Rhodobacteraceae bacterium clone 1LM16-3 16S ribosomal RNA gene, partial sequence	JN232343	98	seagrass epiphytic biofilm
OTU0070	Uncultured *Gemella* sp. clone 074-194 16S ribosomal RNA gene, partial sequence	KU363169	99	oral cavity
OTU0071	*Halomonas* sp. U1368-101106-SW116	JQ082135	99	surface sea water
OTU0072	*Granulicatella adiacens* gene for 16S ribosomal RNA, strain: GM01	LC125190	99	human endophthalmitis patient
OTU0073	Bacterium 'H. scabra 1 (H-Fa)' 16S ribosomal RNA gene, partial sequence	JX022727	99	hindgut-feces
OTU0074	Uncultured bacterium clone I3Q1XXJ02CG1P3 16S ribosomal RNA gene, partial sequence	KP953479	98	intestinal flora of black tiger shrimp
OTU0075	*Shewanella baltica* strain I-M-3-2 16S ribosomal RNA gene, partial sequence	KU570317	99	intestinal tract and gills of Chinese mitten crab
OTU0076	Uncultured *Veillonella* sp. clone OTU_10559 16S ribosomal RNA gene, partial sequence	KR841843	99	soil of a tobacco plantation
OTU0077	Uncultured Pseudonocardiaceae bacterium clone Bo-Arch-K16 16S ribosomal RNA gene, partial sequence	KF767291	99	parchment
OTU0078	Uncultured *Aliivibrio* sp. clone O-A5 16S ribosomal RNA gene, partial sequence	HQ897484	99	intestinal microbiota of farmed Atlantic salmon *Salmo salar*
OTU0079	Uncultured *Saccharopolyspora* sp. clone VE21-K13 16S ribosomal RNA gene, partial sequence	KF767306	99	parchment

OTU0080	*Corynebacterium kroppenstedtii* strain VA5601_15 16S ribosomal RNA gene, partial sequence	KT347607	99	prevertebral abscess
OTU0081	Uncultured bacterium clone ncd2140c06c1 16S ribosomal RNA gene, partial sequence	JF184172	99	human skin, nare
OTU0082	*Fusobacterium* sp. Marseille-P2749 partial 16S rRNA gene, strain Marseille-P2749	LT576389	99	stool sample from hospital in Timone
OTU0083	Uncultured bacterium clone GXTJ5A301BTLUK 16S ribosomal RNA gene, partial sequence	KF333779	97	intestinal flora of black tiger shrimp
OTU0084	Uncultured prokaryote clone OTU_5702 16S ribosomal RNA gene, partial sequence	KT018789	100	heavy metal contaminated soil
OTU0085	*Actinomyces johnsonii* strain RSAA17 16S ribosomal RNA gene, partial sequence	KX298724	99	sheep
OTU0086	*Vibrio harveyi* strain ATCC 43516 chromosome 1, complete sequence	CP014038	99	shark
OTU0087	Uncultured bacterium clone ncd2677e07c1 16S ribosomal RNA gene, partial sequence	JF232588	99	skin
OTU0088	*Rothia mucilaginosa* strain DNF00207 16S ribosomal RNA gene, partial sequence	KU726646	99	vaginal fluid
OTU0089	*Pseudomonas oryzihabitans* strain H72 16S ribosomal RNA gene, partial sequence	KX390639	100	indoor environment
OTU0090	Uncultured *Vibrio* sp. clone 12L_112 16S ribosomal RNA gene, partial sequence	KP183078	99	surface sea water, China South Sea
OTU0091	Uncultured bacterium clone B4-2 16S ribosomal RNA gene, partial sequence	KF494503	98	permafrost soil
OTU0092	Uncultured *Corynebacterium* sp. clone B8-70 16S ribosomal RNA gene, partial	KF448111	99	water-flooded petroleum reservoirs

	sequence			
OTU0093	Uncultured *Aeromonas* sp. clone DGL42 16S ribosomal RNA gene, partial sequence	AY528791	99	activated sludge
OTU0094	*Kocuria rhizophila* strain Bss-9a 16S ribosomal RNA gene, partial sequence	KX161390	99	sediment from Badab-e Surt travertine spring
OTU0095	Uncultured bacterium clone p31_44-D06 16S ribosomal RNA gene, partial sequence	KX437605	99	plaque from teeth
OTU0096	*Saccharopolyspora* sp. AFM 10238 16S ribosomal RNA gene, partial sequence	KF673492	98	Dead Sea
OTU0097	*Pseudomonas luteola* strain LOCK 1011 16S ribosomal RNA gene, partial sequence	KT728842	100	textiles from 1250-1450 AC
OTU0098	Uncultured bacterium clone HYPJBHH15I4RDY 16S ribosomal RNA gene, partial sequence	KF316172	99	hydraulic fracturing fluids and produced water from shale gas extraction
OTU0099	Uncultured bacterium clone I3Q1XXJ01A7M8V 16S ribosomal RNA gene, partial sequence	KP953518	97	intestinal flora of black tiger shrimp
OTU0100	*Azospirillum formosense* strain UENF-411203	KU850954	99	tropical fruits crop
OTU0101	*Veillonella parvula* strain NRBB60 16S ribosomal RNA gene, partial sequence	KX130947	99	buffalo rumen liquor
OTU0102	Uncultured bacterium clone I3Q1XXJ02CAUFP 16S ribosomal RNA gene, partial sequence	KP952426	98	intestines of the black tiger shrimp
OTU0103	*Rheinheimera japonica* strain KP17 16S ribosomal RNA gene, partial sequence	NR_136858	99	seashore sediments of the Sea of Japan
OTU0104	Uncultured *Cetobacterium* sp. clone L.j-1 16S ribosomal RNA gene, partial sequence	HM031433	97	intestines of marine fishes
OTU0105	*Saccharopolyspora* sp. 13-18-42 16S ribosomal RNA gene, partial sequence	KM886189	98	sponge, South China Sea

OTU0106	*Saccharopolyspora* sp. 13-18-42 16S ribosomal RNA gene, partial sequence	KM886189	98	sponge, South China Sea
OTU0107	*Corynebacterium imitans* strain 58FIII 16S ribosomal RNA gene, partial sequence	KT832816	99	hospital objects and surfaces
OTU0108	Uncultured bacterium clone OTU_28873 16S ribosomal RNA gene, partial sequence	KU224876	99	freshwater biofilm
OTU0109	Uncultured *Vibrio* sp. clone GY29W4J02G4CEG 16S ribosomal RNA gene, partial sequence	KF116007	99	red palm weevil
OTU0110	*Aeromonas caviae* strain F1 16S ribosomal RNA gene, partial sequence	KP120939	98	natural waters
OTU0111	Uncultured *Neisseriales bacterium* clone E5VB3_96 16S ribosomal RNA gene, partial sequence	HM080824	100	prostatitis sample
OTU0112	Uncultured bacterium clone 16S(V3-V4)-865 16S ribosomal RNA gene, partial sequence	KX623641	99	rhizoshere soil
OTU0113	Uncultured *Saccharopolyspora* sp. clone VE21-K12 16S ribosomal RNA gene, partial sequence	KF767305	98	parchment
OTU0115	*Prevotellaceae bacterium* Marseille-P2826 partial 16S rRNA gene, strain Marseille-P2826	LT576392	99	human duodenum sample
OTU0116	Uncultured *Saccharopolyspora* sp. clone Bo-Arch-K40 16S ribosomal RNA gene, partial sequence	KF767296	99	parchment
OTU0117	Uncultured bacterium partial 16S rRNA gene, clone US11.34_V02193B_093	FN826506	98	cystic fibrosis patient sputum
OTU0118	Uncultured bacterium gene for 16S rRNA, partial sequence, clone: PT-MAG-B41	AB369028	100	petroleum crude oil in Asia
OTU0119	Uncultured bacterium clone I3Q1XXJ01A03QI 16S ribosomal RNA gene, partial sequence	KP949610	97	intestinal flora of black tiger shrimp

OTU0121	Uncultured Proteobacterium clone Upland_16_5276	JF985978	99	agricultural soil
OTU0123	*Vibrio harveyi* strain T4Y2 16S ribosomal RNA gene, partial sequence	JF520424	99	marine fish in Sabah
OTU0124	*Vibrio porteresiae* strain MSSRF30 16S ribosomal RNA gene, partial sequence	NR_044248	99	rhizosphere of *Porteresia coarctata* growing in a mangrove
OTU0126	Uncultured bacterium clone OTU_1450 16S ribosomal RNA gene, partial sequence	KU226295	99	soil
OTU0127	Uncultured *Saccharopolyspora* sp. clone VE21-K39 16S ribosomal RNA gene, partial sequence	KF767303	98	parchment
OTU0130	Uncultured bacterium clone IZ1RPV403DKA14 16S ribosomal RNA gene, partial sequence	KP948277	98	intestinal flora of black tiger shrimp
OTU0131	Uncultured Rubrobacteridae bacterium clone S3-013 16S ribosomal RNA gene, partial sequence	KF183142	98	soil of continuous peanut cropping
OTU0133	Uncultured *Erwinia* sp. clone GY29W4J02JHLJO 16S ribosomal RNA gene, partial sequence	KF115748	99	red palm weevil
OTU0134	Uncultured *Cetobacterium* sp. clone L.j-1 16S ribosomal RNA gene, partial sequence	HM031433	99	intestines of marine fishes
OTU0135	*Fusobacterium* sp. Marseille-P2749 partial 16S rRNA gene, strain Marseille-P2749	LT576389	98	stool sample from hospital in Timone
OTU0136	*Stenotrophomonas* sp. s1425 16S ribosomal RNA gene, partial sequence	KX085483	99	*Stenotrophomonas* sp. s1425
OTU0137	*Salinicoccus* sp. strain YM-15 16S ribosomal RNA gene, partial sequence	KX225419	99	Yuncheng salt lake
OTU0138	Uncultured Alphaproteobacterium clone Hc_OTU1	HM593540	99	sponge and corals
OTU0139	*Saccharopolyspora* sp. AFM 10238 16S ribosomal RNA gene, partial sequence	KF673492	97	Dead Sea

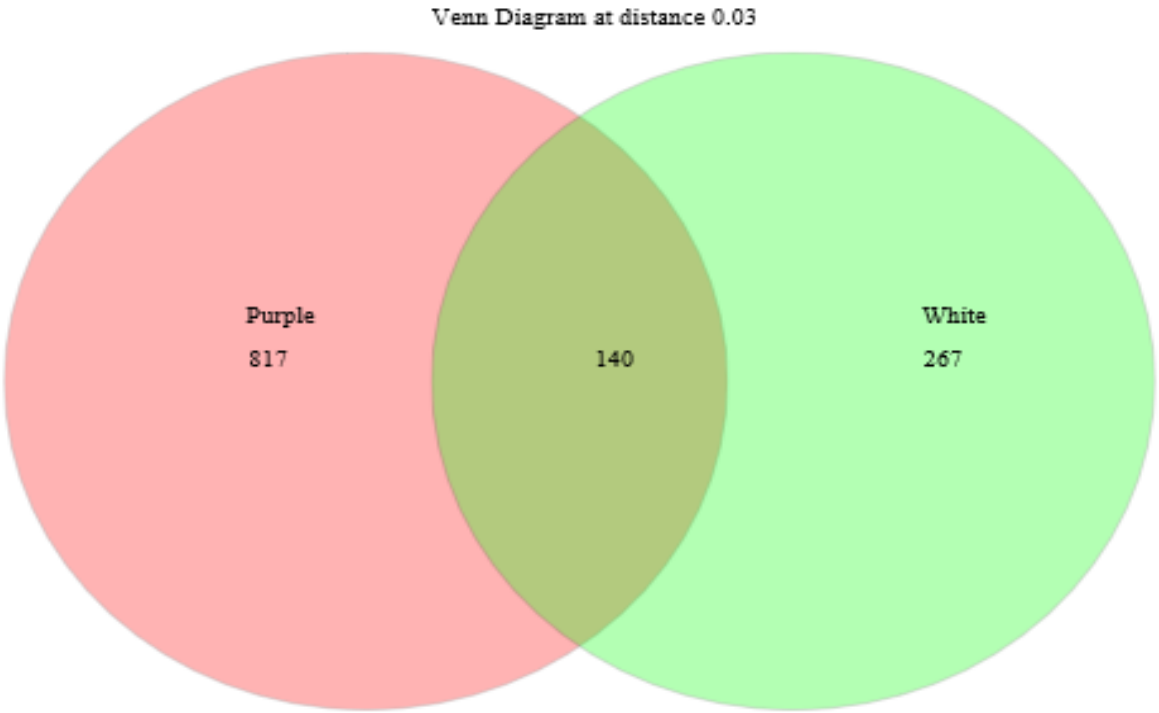
OTU0140	Uncultured *Moraxellaceae* bacterium clone SIM056 16S ribosomal RNA gene, partial sequence	JF733221	96	black flies
OTU0141	*Comamonas* sp. RCB175 16S ribosomal RNA gene, partial sequence	KT260387	99	bat guano
OTU0142	Uncultured bacterium clone H39KNTR01BZZ8U 16S ribosomal RNA gene, partial sequence	KF315360	99	hydraulic fracturing fluids and produced water from shale gas extraction
OTU0143	Uncultured *Saccharopolyspora* sp. clone Bo-Arch-K10 16S ribosomal RNA gene, partial sequence	KF767295	97	parchment
OTU0144	*Pseudomonas* sp. D2-17 partial 16S rRNA gene, isolate D2-17	AM403176	99	marine aquaculture biofilter
OTU0145	Uncultured *Saccharopolyspora* sp. clone MS492-K11 16S ribosomal RNA gene, partial sequence	KF767276	99	parchment
OTU0146	Uncultured *Saccharopolyspora* sp. clone VE21-K19 16S ribosomal RNA gene, partial sequence	KF767307	98	parchment
OTU0148	*Tannerella* sp. oral taxon 286 clone WWP_SS7_C16 16S ribosomal RNA gene, partial sequence	GU409361	99	oral cavity
OTU0149	Uncultured *Saccharopolyspora* sp. clone VE21-K19 16S ribosomal RNA gene, partial sequence	KF767307	97	parchment
OTU0150	*Stenotrophomonas* sp. s1425 16S ribosomal RNA gene, partial sequence	KX085483	99	*Stenotrophomonas* sp. s1425
OTU0152	Uncultured actinomycete clone Z0-72 16S ribosomal RNA gene, partial sequence	KJ834229	98	wheat straw mushroom compost
OTU0155	*Psychrobacter aestuarii* strain 0096 16S ribosomal RNA gene, partial sequence	KP236231	99	coastal area
OTU0156	Uncultured *Saccharopolyspora* sp. clone VE21-K19 16S ribosomal RNA gene, partial sequence	KF767307	98	parchment

OTU0157	*Azospirillum formosense* strain UENF-411203 16S ribosomal RNA gene, partial sequence	KU850954	98	rhizosphere soil
OTU0159	Uncultured bacterium clone G7DUZBG01AHBU7 16S ribosomal RNA gene, partial sequence	KF329420	99	intestinal flora *Penaeus monodon*
OTU0160	Uncultured bacterium clone I3Q1XXJ01A60NA 16S ribosomal RNA gene, partial sequence	KP953371	99	intestinal flora *Penaeus vannamei*
OTU0161	Uncultured bacterium clone JFR0502_aaa12f04 16S ribosomal RNA gene, partial sequence	HM779123	97	conventionally-raised adult zebrafish
OTU0163	Uncultured bacterium clone ncd2170d07c2 16S ribosomal RNA gene, partial sequence	JF189381	98	skin antecubital fossa
OTU0164	Uncultured bacterium clone I3Q1XXJ01AWXAX 16S ribosomal RNA gene, partial sequence	KP952197	98	intestinal flora *Penaeus vannamei*
OTU0165	*Saccharopolyspora* sp. MOLA 1509 16S ribosomal RNA gene, partial sequence	KM273921	98	wash water
OTU0168	Uncultured planctomycete clone Dover216A 16S ribosomal RNA gene, partial sequence	AY499825	97	marine sediment
OTU0169	*Saccharopolyspora* sp. AFM 10238 16S ribosomal RNA gene, partial sequence	KF673492	97	Dead Sea
OTU0172	Uncultured bacterium clone GXTJ5A301BC6H6 16S ribosomal RNA gene, partial sequence	JX934603	98	intestinal flora *Penaeus monodon*
OTU0174	*Saccharopolyspora* sp. AFM 10238 16S ribosomal RNA gene, partial sequence		98	Dead Sea
OTU0175	Uncultured bacterium clone nbw872c09c1 16S ribosomal RNA gene, partial sequence	GQ031338	99	skin, retroauricular crease
OTU0176	Uncultured bacterium clone ncd2062g05c1 16S ribosomal RNA gene, partial sequence	JF177605	99	skin, antecubital fossa

OTU0179	Uncultured bacterium clone I3Q1XXJ02B18KP 16S ribosomal RNA gene, partial sequence	KP953226	97	intestinal flora *Penaeus vannamei*
OTU0181	*Acinetobacter* sp. TUST-DFRC2 16S ribosomal RNA gene, partial sequence	KX390869	100	crude oil marine water
OTU0183	Uncultured bacterium clone 1_62_F08 16S ribosomal RNA gene, partial sequence	KX376534	100	mesh from abdominal
OTU0184	Uncultured bacterium clone p9_62 16S ribosomal RNA gene, partial sequence	KJ601253	97	seawater around coral
OTU0185	Uncultured bacterium clone 16S(V3-V4)-3783 16S ribosomal RNA gene, partial sequence	KX626448	98	rhizosphere soil
OTU0186	Uncultured Rhodobacteraceae bacterium 16S rRNA gene, clone W3R21	LT576206	99	roots of wheat plant
OTU0187	Uncultured bacterium clone HYPJBHH14IN8MC 16S ribosomal RNA gene, partial sequence	KF315822	98	hydraulic fracturing fluids and produced water from shale gas extraction
OTU0189	Uncultured bacterium clone 16S(V3-V4)-7891 16S ribosomal RNA gene, partial sequence	KX630383	99	rhizosphere soil
OTU0190	Uncultured bacterium clone GXTJ5A301BTPTV 16S ribosomal RNA gene, partial sequence	KF334052	98	intestinal flora *Penaeus monodon*

The best scoring sequence was chosen; whenever a score was shared by several sequences, the first sequence has been listed, possibly avoiding the ones referring to purified genomes.

Figure S1. Venn diagram of the OTUs found in the purple damaged (Purple) and in the uncoloured undamaged (White) samples.



The number of species in group Purple is 957, and the number of squences is 11445; 1498 sequences are not shared

The number of species in group White is 407, and the number of squences is 5385; 382 sequences are not shared

The number of sepecies shared between groups Purple and White is 140, and the number of squences is 14950; 88.8295% of these sequences are shared

Percentage of species that are shared in groups Purple and White is 11.4379

The total richness for all groups is 1224