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Serpulidae sp. BOLD:AAG0874

Serpulidae

Sabellida

83.52

Serpulidae sp. BOLD:AAG0874 voucher BIOUG<CAN>:WS0	HM417793	83.52	86.26	7.12336e-46	Sabellida	Serpulidae	Serpulidae sp. BOLD:AAG0874
Spirorbis sp. CMC02 voucher BIOUG<CAN>:HUNTSPOL020	HQ024246	76.96	100	9.90162e-38	Sabellida	Serpulidae	Spirorbis sp. CMC02
Spirorbis sp. CMC02 voucher BIOUG<CAN>:HUNTSPOL020	HQ024245	76.96	100	9.90162e-38	Sabellida	Serpulidae	Spirorbis sp. CMC02
Spirorbis sp. CMC02 voucher BIOUG<CAN>:HUNTSPOL020	HQ024247	76.5	100	1.20626e-36	Sabellida	Serpulidae	Spirorbis sp. CMC02
Nitrosomonas sp. AL212, complete genome	CP002552	77.25	99.05	1.46953e-35	Nitrosomonadales	Nitrosomonadaceae	Nitrosomonas sp. AL212
Neanthes sp. RP2011-N cytochrome oxidase subunit I	JX866607	78.92	87.68	5.12916e-35	Phyllostocida	Nereididae	Neanthes sp. RP2011-N
Protula pacifica voucher BIOUG<CAN>:BAMPOL0473 cyt	HM473658	81.1	77.73	1.79025e-34	Sabellida	Serpulidae	Protula pacifica
Nitrosomonas europaea ATCC 19718, complete genome	AL954747	79.35	86.26	1.79025e-34	Nitrosomonadales	Nitrosomonadaceae	Nitrosomonas europaea ATCC 19718
Spirorbis sp. CMC01 voucher BIOUG<CAN>:HUNTSPOL020	HQ024244	81.25	75.83	6.2486e-34	Sabellida	Serpulidae	Spirorbis sp. CMC01
Spirorbis sp. CMC01 voucher BIOUG<CAN>:HUNTSPOL020	HQ024243	81.25	75.83	6.2486e-34	Sabellida	Serpulidae	Spirorbis sp. CMC01
Nitrosomonas ureae strain Nm10, complete genome	CP013341	76.08	99.05	2.18098e-33	Nitrosomonadales	Nitrosomonadaceae	Nitrosomonas ureae
Nitrosomonas sp. Is79A3, complete genome	CP002876	76.33	98.1	2.18098e-33	Nitrosomonadales	Nitrosomonadaceae	Nitrosomonas sp. Is79A3
Protolaeospira eximia voucher BIOUG<CAN>:BAMPOL046	HM473657	79.27	77.73	1.12977e-30	Sabellida	Serpulidae	Protolaeospira eximia
Protolaeospira eximia voucher BIOUG<CAN>:BAMPOL046	HM473656	79.27	77.73	1.12977e-30	Sabellida	Serpulidae	Protolaeospira eximia
Protolaeospira eximia voucher BIOUG<CAN>:BAMPOL046	HM473655	79.27	77.73	1.12977e-30	Sabellida	Serpulidae	Protolaeospira eximia
Uncultured organism isolate Los Vilos_40 cytochrom	FJ541283	76.29	91.94	1.12977e-30	Sabellida	Serpulidae	Uncultured organism
Uncultured organism isolate Constitucion_16 cytoch	FJ541282	76.29	91.94	1.12977e-30	Sabellida	Serpulidae	uncultured organism
Uncultured organism isolate Constitucion_12 cytoch	FJ541280	76.29	91.94	1.12977e-30	Sabellida	Serpulidae	uncultured organism
Uncultured organism isolate Constitucion_24 cytoch	FJ541278	76.29	91.94	1.12977e-30	Sabellida	Serpulidae	uncultured organism
Uncultured organism isolate Constitucion_21 cytoch	FJ541275	76.29	91.94	1.12977e-30	Sabellida	Serpulidae	uncultured organism
Uncultured organism isolate Constitucion_13 cytoch	FJ541274	76.29	91.94	1.12977e-30	Sabellida	Serpulidae	uncultured organism
Uncultured organism isolate Chipana_1 cytochrome o	FJ541273	76.29	91.94	1.12977e-30	Sabellida	Serpulidae	uncultured organism
Uncultured organism isolate Algarrobo_3 cytochrome	FJ541272	76.29	91.94	1.12977e-30	Sabellida	Serpulidae	uncultured organism
Uncultured organism isolate Algarrobo_2 cytochrome	FJ541271	76.29	91.94	1.12977e-30	Sabellida	Serpulidae	uncultured organism
Uncultured organism isolate Algarrobo_1 cytochrome	FJ541270	76.29	91.94	1.12977e-30	Sabellida	Serpulidae	uncultured organism
Nitrosomonas eutropha C91, complete genome	CP000450	77.17	87.2	1.12977e-30	Nitrosomonadales	Nitrosomonadaceae	Nitrosomonas eutropha C91
Microbulbifer thermotolerans strain DAU221, comple	CP014864	80	73.46	1.37635e-29	Cellvibrionales	Microbulbiferaceae	Microbulbifer thermotolerans
Limnohabitans sp. 103DPR2, complete genome	CP011834	78.31	78.67	4.80392e-29	Burkholderiales	Comamonadaceae	Limnohabitans sp. 103DPR2
Uncultured organism isolate Constitucion_8 cytochr	FJ541277	75.77	91.94	4.80392e-29			uncultured organism
Nitrosomonas communis strain Nm2, complete genome	CP011451	74.29	99.53	1.67673e-28	Nitrosomonadales	Nitrosomonadaceae	Nitrosomonas communis
Methylotenera versatilis 301, complete genome	CP002056	75	100	1.67673e-28	Methylophilales	Methylophilaceae	Methylotenera versatilis 301
Polynucleobacter necessarius subsp. necessarius ST	CP001010	77.65	84.36	1.67673e-28	Burkholderiales	Burkholderiaceae	Polynucleobacter necessarius subsp. necessarius STIR1
Ciona intestinalis cytochrome oxidase subunit I mi	AY116597	77.84	79.15	1.67673e-28	Enterogona	Cionidae	Ciona intestinalis
Moritella viscosa genome assembly MVIS1 ,chromosom	LN554852	82.09	63.51	5.85237e-28	Alteromonadales	Moritellaceae	Moritella viscosa
Crucigera sp. CMC01 voucher BIOUG<CAN>:BAMPOL0323	HM473344	77.4	83.41	2.04268e-27	Sabellida	Serpulidae	Crucigera sp. CMC01
Scopelochirus schellenbergi clone SS1_BsaBI_23 cy	AY830439	77.25	79.15	7.12965e-27	Amphipoda	Lysianassidae	Scopelochirus schellenbergi
Limnohabitans sp. 63ED37-2, complete genome	CP011774	77.11	78.67	2.48849e-26	Burkholderiales	Comamonadaceae	Limnohabitans sp. 63ED37-2
Legionella hackeliae genome assembly LHA, chromoso	LN681225	77.44	77.73	2.48849e-26	Legionellales	Legionellaceae	Legionella hackeliae
Tatlockia micdadei genome assembly LMI ,chromosome	LN614830	80.88	64.45	2.48849e-26	Legionellales	Legionellaceae	Tatlockia micdadei
Tetranchyroderma sp.3 TK-2011 voucher MT30 cytochr	JF432035	77.44	77.73	2.48849e-26	Macrodasysida	Thaumastodermatidae	Tetranchyroderma sp.3 TK-2011
Uncultured gamma proteobacterium clone SW002 cytoc	FJ868208	81.34	63.51	2.48849e-26			uncultured gamma proteobacterium
Teredinibacter turnerae T7901, complete genome	CP001614	77.11	78.67	2.48849e-26	Cellvibrionales	Cellvibrionaceae	Teredinibacter turnerae T7901
Vibrio natriegens strain CCUG 16371 chromosome 2,	CP016348	81.54	61.61	8.68569e-26	Vibrionales	Vibrionaceae	Vibrio natriegens
Didemnum candidum isolate GAPB2 cytochrome c oxida	KJ725168	76.97	78.2	8.68569e-26	Enterogona	Didemnidae	Didemnum candidum
Polynucleobacter asymbioticus QLW-P1DMWA-1, comple	CP000655	75.84	84.36	8.68569e-26	Burkholderiales	Burkholderiaceae	Polynucleobacter asymbioticus QLW-P1DMWA-1
Didemnum candidum cytochrome oxidase subunit I gen	AY116602	76.97	78.2	8.68569e-26	Enterogona	Didemnidae	Didemnum candidum
Gynuella sunshinyii YC6258, complete genome	CP007142	80.29	64.93	3.0316e-25	Oceanospirillales	Saccharospirillaceae	Gynuella sunshinyii YC6258
Vibrio sp. EJY3 chromosome 2, complete sequence	CP003242	80.29	64.93	3.0316e-25	Vibrionales	Vibrionaceae	Vibrio sp. EJY3
Curvibacter putative symbiont of Hydra magnipapill	FN543104	75.27	86.26	3.0316e-25	Burkholderiales	Comamonadaceae	Curvibacter putative symbiont of Hydra magnipapillata
Patelloida striata mitochondrial COI gene for cyto	AB161589	77.16	76.78	3.0316e-25		Lottiidae	Patelloida striata
Alteromonas macleodii strain HOT1A3, complete geno	CP012202	79.71	65.4	1.05813e-24	Alteromonadales	Alteromonadaceae	Alteromonas macleodii
Alteromonas macleodii strain D7, complete genome	CP014323	79.71	65.4	1.05813e-24	Alteromonadales	Alteromonadaceae	Alteromonas macleodii
Polychaeta sp. OPC-2015 cytochrome c oxidase subun	KT334230	76.51	78.67	1.05813e-24			Polychaeta sp. OPC-2015
Desmosomatidae sp. NB-Iso234 cytochrome oxidase su	KJ736166	81.25	60.66	1.05813e-24	Isopoda	Desmosomatidae	Desmosomatidae sp. NB-Iso234
Collimonas arenae strain Cal35, complete genome	CP009962	76.27	83.41	1.05813e-24	Burkholderiales	Oxalobacteraceae	Collimonas arenae
Didemnum candidum isolate GAAASC13 cytochrome c oxi	KJ725164	79.43	66.82	1.05813e-24	Enterogona	Didemnidae	Didemnum candidum
Advenella mimigardefordensis DPN7, complete genome	CP003915	75.57	83.41	1.05813e-24	Burkholderiales	Alcaligenaceae	Advenella mimigardefordensis DPN7
Alteromonas macleodii ATCC 27126, complete genome	CP003841	79.71	65.4	1.05813e-24	Alteromonadales	Alteromonadaceae	Alteromonas macleodii ATCC 27126
Polynucleobacter sp. QLW-P1FAT50C-4 genome	CP015922	75.98	84.36	3.69325e-24	Burkholderiales	Burkholderiaceae	Polynucleobacter sp. QLW-P1FAT50C-4
Collimonas arenae strain Ter282, complete genome	CP013235	75.98	84.36	3.69325e-24	Burkholderiales	Oxalobacteraceae	Collimonas arenae
Collimonas arenae strain Ter10, complete genome	CP013233	75.98	84.36	3.69325e-24	Burkholderiales	Oxalobacteraceae	Collimonas arenae
Roseateles depolymerans strain KCTC 42856, complet	CP013729	76.54	76.78	3.69325e-24	Burkholderiales		Roseateles depolymerans
Beta proteobacterium CB, complete genome	CP004348	79.29	66.35	3.69325e-24			beta proteobacterium CB
Hermينيimonas arseniccoxydans chromosome, complete	CU207211	75.98	84.36	3.69325e-24	Burkholderiales	Oxalobacteraceae	Hermينيimonas arseniccoxydans
Nitrosospira briensis C-128, complete genome	CP012371	75	83.41	1.28907e-23	Nitrosomonadales	Nitrosomonadaceae	Nitrosospira briensis C-128
Polychaeta sp. EBS61o-Po36 cytochrome oxidase subu	KJ736175	78.15	71.56	1.28907e-23			Polychaeta sp. EBS61o-Po36
Phascolosoma esculenta cytochrome c oxidase subuni	EF521190	78.72	66.82	1.28907e-23	Phascolosomatiformes	Phascolosomatidae	Phascolosoma esculenta
Vibrio natriegens strain CCUG 16374 chromosome 2,	CP016352	80	61.61	4.4993e-23	Vibrionales	Vibrionaceae	Vibrio natriegens
Vibrio natriegens NBRC 15636 = ATCC 14048 = DSM 75	CP016346	80	61.61	4.4993e-23	Vibrionales	Vibrionaceae	Vibrio natriegens NBRC 15636 = ATCC 14048 = DSM 759
Collimonas pratensis strain Ter91, complete genome	CP013234	75.71	83.41	4.4993e-23	Burkholderiales	Oxalobacteraceae	Collimonas pratensis
Didemnum candidum isolate GAPB3 cytochrome c oxida	KJ725169	75.76	78.2	4.4993e-23	Enterogona	Didemnidae	Didemnum candidum
Alteromonas macleodii str. 'Balearic Sea AD45', co	CP003873	78.99	65.4	4.4993e-23	Alteromonadales	Alteromonadaceae	Alteromonas macleodii str. 'Balearic Sea AD45'
Alteromonas macleodii str. 'English Channel 673',	CP003844	78.99	65.4	4.4993e-23	Alteromonadales	Alteromonadaceae	Alteromonas macleodii str. 'English Channel 673'
Pseudoalteromonas atlantica T6c, complete genome	CP000388	75.6	79.62	4.4993e-23	Alteromonadales	Pseudoalteromonadaceae	Pseudoalteromonas atlantica T6c
Saccharophagus degradans 2-40, complete genome	CP000282	80	61.61	4.4993e-23	Cellvibrionales	Cellvibrionaceae	Saccharophagus degradans 2-40
Eurythenes gryllus clone EG_SacII_40 cytochrome ox	AY830420	80	61.61	4.4993e-23	Lysianassidae	Eurythenes gryllus	Eurythenes gryllus
Marinobacter hydrocarbonoclasticus str. ATCC 49840	FO203363	75.93	76.78	1.57041e-22	Alteromonadales	Alteromonadaceae	Marinobacter hydrocarbonoclasticus ATCC 49840
Nitrosospira multiformis ATCC 25196, complete geno	CP000103	74.18	86.26	1.57041e-22	Nitrosomonadales	Nitrosomonadaceae	Nitrosospira multiformis ATCC 25196
Collimonas pratensis strain Ter291, complete genom	CP013236	75.14	83.41	5.48127e-22	Oxalobacteriales	Oxalobacteraceae	Collimonas pratensis
Alteromonas mediterranea strain U10, complete geno	CP013930	75	79.62	5.48127e-22	Alteromonadales	Alteromonadaceae	Alteromonas mediterranea
Alteromonas mediterranea strain UM8, complete geno	CP013928	75	79.62	5.48127e-22	Alteromonadales	Alteromonadaceae	Alteromonas mediterranea
Rhodocyclusaceae bacterium PG1-Ca6, complete genome	CP010654	74.16	84.36	5.48127e-22	Rhodocyclusales	Rhodocyclusaceae	Rhodocyclusaceae bacterium PG1-Ca6
Alteromonas macleodii str. 'Deep ecotype', complet	CP001103	75	79.62	5.48127e-22	Alteromonadales	Alteromonadaceae	Alteromonas mediterranea DE
Alteromonas macleodii str. 'Ionian Sea UM4b', comp	CP004855	75	79.62	5.48127e-22	Alteromonadales	Alteromonadaceae	Alteromonas mediterranea UM4b
Alteromonas macleodii str. 'Ionian Sea UM7', compl	CP004853	75	79.62	5.48127e-22	Alteromonadales	Alteromonadaceae	Alteromonas mediterranea UM7
Alteromonas macleodii str. 'Ionian Sea U8', comple	CP004852	75	79.62	5.48127e-22	Alteromonadales	Alteromonadaceae	Alteromonas mediterranea U8
Alteromonas macleodii str. 'Ionian Sea U7', comple	CP004851	75	79.62	5.48127e-22	Alteromonadales	Alteromonadaceae	Alteromonas mediterranea U7
Alteromonas macleodii str. 'Ionian Sea U4', comple	CP004849	75	79.62	5.48127e-22	Alteromonadales	Alteromonadaceae	Alteromonas mediterranea U4
Uncultured Alteromonas sp. AD1000-G18-15 genomic s	JX888854	75	79.62	5.48127e-22	Alteromonadales	Alteromonadaceae	uncultured Alteromonas sp. AD1000-G18-15
Alteromonas macleodii AltDE1, complete genome	CP003917	75	79.62	5.48127e-22	Alteromonadales	Alteromonadaceae	Alteromonas mediterranea DE1
Alteromonas macleodii str. 'Black Sea 11', complet	CP003845	78.26	65.4	5.48127e-22	Alteromonadales	Alteromonadaceae	Alteromonas macleodii str. 'Black Sea 11'
Uncultured gamma proteobacterium clone SW004 cytoc	FJ868209	78.17	66.35	5.48127e-22			uncultured gamma proteobacterium
Candidatus Ruthia magnifica str. Cm (Calyptogena m	CP000488	75.46	77.25	5.48127e-22			Candidatus Ruthia magnifica str. Cm (Calyptogena magnifica)
Vibrio natriegens strain CCUG 16373 chromosome 2,	CP016350	79.23	61.61	1.91315e-21	Vibrionales	Vibrionaceae	Vibrio natriegens
Uncultured Pseudomonas sp. clone GP0154 cytochrome	KJ885299	74.85	79.15	1.91315e-21	Pseudomonadales	Pseudomonadaceae	uncultured Pseudomonas sp.
Uncultured Pseudomonas sp. clone GP0151 cytochrome	KJ885296	74.85	79.15	1.91315e-21	Pseudomonadales	Pseudomonadaceae	uncultured Pseudomonas sp.
Uncultured Pseudomonas sp. clone GP0150 cytochrome	KJ885295	74.85	79.15	1.91315e-21	Pseudomonadales	Pseudomonadaceae	uncultured Pseudomonas sp.
Uncultured Pseudomonas sp. clone GP0149 cytochrome	KJ885294	74.85	79.15	1.91315e-21	Pseudomonadales	Pseudomonadaceae	uncultured Pseudomonas sp.
Uncultured Pseudomonas sp. clone GP0148 cytochrome	KJ885293	74.85	79.15	1.91315e-21	Pseudomonadales	Pseudomonadaceae	uncultured Pseudomonas sp.
Didemnum candidum isolate GAPB4 cytochrome c oxida	KJ725170	75.15	78.2	1.91315e-21	Enterogona	Didemnidae	Didemnum candidum