

OTU_513;size=470;.csv

Protula pacifica

Serpulidae

Sabellida

78.95

Protula pacifica voucher BIOUG<CAN>:BAMPOL0473 cyt	HM473658	78.95	85	4.4268e-36	Sabellida	Serpulidae	Protula pacifica
Spirorbis sp. CMC02 voucher BIOUG<CAN>:HUNTSPOL020	HQ024247	79.55	80	1.88232e-34	Sabellida	Serpulidae	Spirorbis sp. CMC02
Spirorbis sp. CMC02 voucher BIOUG<CAN>:HUNTSPOL020	HQ024246	79.55	80	1.88232e-34	Sabellida	Serpulidae	Spirorbis sp. CMC02
Spirorbis sp. CMC02 voucher BIOUG<CAN>:HUNTSPOL020	HQ024245	79.55	80	1.88232e-34	Sabellida	Serpulidae	Spirorbis sp. CMC02
Polynucleobacter asymbioticus QLW-P1DMWA-1, comple	CP000655	79.33	81.36	1.88232e-34	Burkholderiales	Burkholderiaceae	Polynucleobacter asymbioticus QLW-P1DMWA-1
Nitrosomonas communis strain Nm2, complete genome	CP011451	78.89	81.82	6.56996e-34	Nitrosomonadales	Nitrosomonadaceae	Nitrosomonas communis
Protolaeospira eximia voucher BIOUG<CAN>:BAMPOL046	HM473657	78.61	78.64	3.40332e-31	Sabellida	Serpulidae	Protolaeospira eximia
Protolaeospira eximia voucher BIOUG<CAN>:BAMPOL046	HM473656	78.61	78.64	3.40332e-31	Sabellida	Serpulidae	Protolaeospira eximia
Protolaeospira eximia voucher BIOUG<CAN>:BAMPOL046	HM473655	78.61	78.64	3.40332e-31	Sabellida	Serpulidae	Protolaeospira eximia
Uncultured organism isolate Algarrobo_3 cytochrome	FJ541272	76.41	88.64	3.40332e-31			uncultured organism
Uncultured organism isolate Algarrobo_2 cytochrome	FJ541271	76.41	88.64	3.40332e-31			uncultured organism
Uncultured organism isolate Algarrobo_1 cytochrome	FJ541270	76.41	88.64	3.40332e-31			uncultured organism
Serpulidae sp. BOLD:AAG0874 voucher BIOUG<CAN>:WSO	HM417793	76.92	82.73	1.44713e-29	Sabellida	Serpulidae	Serpulidae sp. BOLD:AAG0874
Neanthes sp. RP2011-N cytochrome oxidase subunit I	JX866607	76.06	85.45	1.76296e-28	Phyllodocida	Nereididae	Neanthes sp. RP2011-N
Nitrosomonas sp. AL212, complete genome	CP002552	82.58	60	6.15335e-28	Nitrosomonadales	Nitrosomonadaceae	Nitrosomonas sp. AL212
Nitrosomonas sp. Is79A3, complete genome	CP002876	78.85	70.91	2.14773e-27	Nitrosomonadales	Nitrosomonadaceae	Nitrosomonas sp. Is79A3
Lacimicrobium alkaliphilum strain YelD216, complet	CP013650	77.65	77.27	2.61647e-26	Alteromonadales	Alteromonadaceae	Lacimicrobium alkaliphilum
Polynucleobacter necessarius subsp. necessarius ST	CP001010	75.98	81.36	2.61647e-26	Burkholderiales	Burkholderiaceae	Polynucleobacter necessarius subsp. necessarius STIR1
Polychaeta sp. OPC-2015 cytochrome c oxidase subun	KT334230	78.98	70.91	9.13238e-26			Polychaeta sp. OPC-2015
Methylophilales bacterium MBRSG12 genome	CP011003	79.58	64.55	3.18752e-25	Methylophilales		Methylophilales bacterium MBRSG12
Methylophilales bacterium MBRSH7 genome	CP011002	79.58	64.55	3.18752e-25	Methylophilales		Methylophilales bacterium MBRSH7
Methylophilales bacterium MBRSF5 genome	CP011001	79.58	64.55	3.18752e-25	Methylophilales		Methylophilales bacterium MBRSF5
Crucigera sp. CMC01 voucher BIOUG<CAN>:BAMPOL0323	HM473344	78.52	67.73	3.18752e-25	Sabellida	Serpulidae	Crucigera sp. CMC01
Scopelocheirus schellenbergi clone SS1_BsaBI_23 cy	AY830439	76.19	76.36	1.11255e-24	Amphipoda	Lysianassidae	Scopelocheirus schellenbergi
Methylotenera versatilis 301, complete genome	CP002056	75.14	80.45	3.88319e-24	Methylophilales	Methylophilaceae	Methylotenera versatilis 301
Polynucleobacter sp. QLW-P1FAT50C-4 genome	CP015922	74.86	81.36	1.35537e-23	Burkholderiales	Burkholderiaceae	Polynucleobacter sp. QLW-P1FAT50C-4
Collimonas arenae strain Ter282, complete genome	CP013235	74.86	81.36	1.35537e-23	Burkholderiales	Oxalobacteraceae	Collimonas arenae
Collimonas arenae strain Ter10, complete genome	CP013233	74.86	81.36	1.35537e-23	Burkholderiales	Oxalobacteraceae	Collimonas arenae
Phascolosoma esculenta cytochrome c oxidase subuni	EF521190	77.48	68.64	1.35537e-23	Phascolosomatiformes	Phascolosomatidae	Phascolosoma esculenta
Herminiimonas arsenicoxydans chromosome, complete	CU207211	74.86	81.36	1.35537e-23	Burkholderiales	Oxalobacteraceae	Herminiimonas arsenicoxydans
Saccharophagus degradans 2-40, complete genome	CP000282	76.92	70.91	1.35537e-23	Cellvibrionales	Cellvibrionaceae	Saccharophagus degradans 2-40
Collimonas pratensis strain Ter91, complete genome	CP013234	74.86	79.55	4.73069e-23	Burkholderiales	Oxalobacteraceae	Collimonas pratensis
Herbaspirillum hiltneri N3, complete genome	CP011409	74.86	79.55	4.73069e-23	Burkholderiales	Oxalobacteraceae	Herbaspirillum hiltneri N3
Collimonas arenae strain Cal35, complete genome	CP009962	74.86	79.55	4.73069e-23	Burkholderiales	Oxalobacteraceae	Collimonas arenae
Desmosomatidae sp. NB-Iso234 cytochrome oxidase su	KJ736166	78.77	65.91	1.65117e-22	Isopoda	Desmosomatidae	Desmosomatidae sp. NB-Iso234
Uncultured gamma proteobacterium clone SW002 cytoc	FJ868208	79.1	60.91	1.65117e-22			uncultured gamma proteobacterium
Pandoraea faecigallinarum strain DSM 23572, comple	CP011807	76.47	69.55	5.76316e-22	Burkholderiales	Burkholderiaceae	Pandoraea faecigallinarum
Microbulbifer thermotolerans strain DAU221, comple	CP014864	76.28	70.91	5.76316e-22	Cellvibrionales	Microbulbiferaceae	Microbulbifer thermotolerans
Nitrosomonas ureae strain Nm10, complete genome	CP013341	75.95	71.82	5.76316e-22	Nitrosomonadales	Nitrosomonadaceae	Nitrosomonas ureae
Legionella hackeliae genome assembly LHA, chromoso	LN681225	85.71	44.55	5.76316e-22	Legionellales	Legionellaceae	Legionella hackeliae
Nitrosomonas eutropha C91, complete genome	CP000450	78.68	61.82	5.76316e-22	Nitrosomonadales	Nitrosomonadaceae	Nitrosomonas eutropha C91
Polaromonas sp. JS666, complete genome	CP000316	75.3	75.45	5.76316e-22	Burkholderiales	Comamonadaceae	Polaromonas sp. JS666
Collimonas pratensis strain Ter291, complete genom	CP013236	74.29	79.55	2.01154e-21	Burkholderiales	Oxalobacteraceae	Collimonas pratensis
Halomonas campaniensis strain LS21, complete genom	CP007757	75.9	75	2.01154e-21	Oceanospirillales	Halomonadaceae	Halomonas campaniensis
Thiomonas sp. str. 3As chromosome, complete genome	FP475956	79.53	57.73	2.01154e-21	Burkholderiales		Thiomonas arsenitoxydans
Alcaligenes faecalis strain ZD02, complete genome	CP013119	75	74.55	7.02097e-21	Burkholderiales	Alcaligenaceae	Alcaligenes faecalis
Polychaeta sp. NB-Po152 cytochrome oxidase subunit	KJ736173	76.35	67.27	7.02097e-21	Burkholderiales		Polychaeta sp. NB-Po152
Simidia agarivorans SA1 = DSM 21679, complete gen	CP003746	75.97	70	7.02097e-21	Cellvibrionales	Cellvibrionaceae	Simidia agarivorans SA1 = DSM 21679
Teredinibacter turnerae T7901, complete genome	CP001614	74.56	76.82	7.02097e-21	Cellvibrionales	Cellvibrionaceae	Teredinibacter turnerae T7901
Janthinobacterium sp. Marseille, complete genome	CP000269	73.74	81.36	7.02097e-21	Burkholderiales	Oxalobacteraceae	Janthinobacterium sp. Marseille
Nitrosospira multiformis ATCC 25196, complete geno	CP000103	75.64	70.91	7.02097e-21	Nitrosomonadales	Nitrosomonadaceae	Nitrosospira multiformis ATCC 25196
Collimonas fungivorans strain Ter6, complete genom	CP013232	76.55	65.91	2.45056e-20	Burkholderiales	Oxalobacteraceae	Collimonas fungivorans
Nitrosospira briensis C-128, complete genome	CP012371	73.71	79.55	2.45056e-20	Nitrosomonadales	Nitrosomonadaceae	Nitrosospira briensis C-128
Polychaeta sp. EBS61o-Po36 cytochrome oxidase subu	KJ736175	79.2	56.82	2.45056e-20			Polychaeta sp. EBS61o-Po36
Collimonas fungivorans Ter331, complete genome	CP002745	76.55	65.91	2.45056e-20	Burkholderiales	Oxalobacteraceae	Collimonas fungivorans Ter331
Spirorbis sp. CMC01 voucher BIOUG<CAN>:HUNTSPOL020	HQ024244	73.99	78.64	2.45056e-20	Sabellida	Serpulidae	Spirorbis sp. CMC01
Spirorbis sp. CMC01 voucher BIOUG<CAN>:HUNTSPOL020	HQ024243	73.99	78.64	2.45056e-20	Sabellida	Serpulidae	Spirorbis sp. CMC01
Uncultured organism isolate Constitucion_8 cytochr	FJ541277	73.33	81.82	2.45056e-20			uncultured organism
Cnemidocarpa verrucosa mitochondrial partial COI g	AJ830012	75.32	71.82	2.45056e-20	Stolidobranchia	Styelidae	Cnemidocarpa verrucosa
Eurythenes gryllus clone EG_SacII_40 cytochrome ox	AY830420	76.35	67.27	2.45056e-20	Amphipoda	Lysianassidae	Eurythenes gryllus
Didemnum candidum isolate GAPB2 cytochrome c oxida	KJ725168	75.78	72.73	8.55329e-20	Enterogona	Didemnidae	Didemnum candidum
Glaciecola psychrophila 170, complete genome	CP003837	75.32	70	8.55329e-20	Alteromonadales	Alteromonadaceae	Paraglaciecola psychrophila 170
Glaciecola nitratireducens FR1064, complete genome	CP003060	77.4	65.91	8.55329e-20	Alteromonadales	Alteromonadaceae	Glaciecola nitratireducens FR1064
Thiomonas intermedia K12, complete genome	CP002021	78.74	57.73	8.55329e-20	Alteromonadales	Alteromonadaceae	Thiomonas intermedia K12
Polaromonas naphthalenivorans CJ2, complete genome	CP000529	75.32	70	8.55329e-20	Burkholderiales	Comamonadaceae	Polaromonas naphthalenivorans CJ2
Didemnum candidum cytochrome oxidase subunit I gen	AY116602	75.78	72.73	8.55329e-20	Enterogona	Didemnidae	Didemnum candidum
Candidatus Thioglobus singularis isolate GG2 genom	CP008725	76.6	64.09	2.98539e-19			Candidatus Thioglobus singularis
Pandoraea oxalativorans strain DSM 23570, complete	CP011253	75.16	69.55	2.98539e-19	Burkholderiales	Burkholderiaceae	Pandoraea oxalativorans
Pandoraea norimbergensis strain DSM 11628, complet	CP013480	75.32	71.82	2.98539e-19	Burkholderiales	Burkholderiaceae	Pandoraea norimbergensis
Ralstonia solanacearum strain KACC 10722, complete	CP014702	74.68	71.82	2.98539e-19	Burkholderiales	Burkholderiaceae	Ralstonia solanacearum
Kangiella geojeodonensis strain YCS-5, complete gen	CP010975	80.87	51.36	2.98539e-19	Oceanospirillales	Alcanivoracaceae	Kangiella geojeodonensis
Pandoraea sputorum strain DSM 21091, complete geno	CP010431	75.16	69.55	2.98539e-19	Burkholderiales	Burkholderiaceae	Pandoraea sputorum
Ralstonia syzygii R24, genomic contig 00003-1628	FR854088	74.68	71.82	2.98539e-19	Burkholderiales	Burkholderiaceae	Ralstonia syzygii R24
Ralstonia solanacearum str. PSi07 chromosome, comp	FP885906	74.68	71.82	2.98539e-19	Burkholderiales	Burkholderiaceae	Ralstonia solanacearum PSi07
Ralstonia solanacearum CFBP2957 chromosome complet	FP885897	74.68	71.82	2.98539e-19	Burkholderiales	Burkholderiaceae	Ralstonia solanacearum CFBP2957
Verminephrobacter eiseniae EF01-2, complete genome	CP000542	74.68	71.82	2.98539e-19	Burkholderiales	Comamonadaceae	Verminephrobacter eiseniae EF01-2
Anaplasma phagocytophilum str. Norway variant2, co	CP015376	76.64	62.27	1.042e-18	Rickettsiales	Anaplasmataceae	Anaplasma phagocytophilum str. Norway variant2
Betaproteobacteria bacterium UKL13-2, complete gen	CP012157	72.78	81.82	1.042e-18			Betaproteobacteria bacterium UKL13-2
Pandoraea thiooxydans strain DSM 25325, complete g	CP011568	75	69.09	1.042e-18	Burkholderiales	Burkholderiaceae	Pandoraea thiooxydans
Methylophilus sp. TWE2, complete genome	CP012020	78.4	56.82	1.042e-18	Methylophilales	Methylophilaceae	Methylophilus sp. TWE2
Burkholderia pyrrrocinia strain DSM 10685 chromosom	CP011503	74.07	73.64	1.042e-18	Burkholderiales	Burkholderiaceae	Burkholderia pyrrrocinia
Pandoraea apista strain AU2161, complete genome	CP011501	75	69.09	1.042e-18	Burkholderiales	Burkholderiaceae	Pandoraea apista
Pandoraea apista strain TF80G25, complete genome	CP011279	75	69.09	1.042e-18	Burkholderiales	Burkholderiaceae	Pandoraea apista
Pandoraea apista strain TF81F4, complete genome	CP010518	75	69.09	1.042e-18	Burkholderiales	Burkholderiaceae	Pandoraea apista
Beta proteobacterium CB, complete genome	CP004348	72.88	80.45	1.042e-18			beta proteobacterium CB
Burkholderia cepacia GG4 chromosome 1, complete se	CP003774	74.07	73.64	1.042e-18	Burkholderiales	Burkholderiaceae	Burkholderia cepacia GG4
Uncultured organism isolate Los Vilos_40 cytochrom	FJ541283	72.78	81.82	1.042e-18			uncultured organism
Uncultured organism isolate Constitucion_16 cytoch	FJ541282	72.78	81.82	1.042e-18			uncultured organism
Uncultured organism isolate Constitucion_12 cytoch	FJ541280	72.78	81.82	1.042e-18			uncultured organism
Uncultured organism isolate Constitucion_24 cytoch	FJ541278	72.78	81.82	1.042e-18			uncultured organism
Uncultured organism isolate Constitucion_21 cytoch	FJ541275	72.78	81.82	1.042e-18			uncultured organism
Uncultured organism isolate Constitucion_13 cytoch	FJ541274	72.78	81.82	1.042e-18			uncultured organism
Uncultured organism isolate Chipana_1 cytochrome o	FJ541273	72.78	81.82	1.042e-18			uncultured organism
Vesicomya sp. mt-III symbiont clone 9 cytochrome c	FJ899957	73.94	75	1.042e-18			Vesicomya sp. mt-III symbiont
Burkholderia sp. 383 chromosome 1, complete sequen	CP000151	74.07	73.64	1.042e-18	Burkholderiales	Burkholderiaceae	Burkholderia lata
Pandoraea pnomenusa strain MCB032, complete genome	CP015371	74.68	71.82	3.63695e-18	Burkholderiales	Burkholderiaceae	Pandoraea pnomenusa
Pandoraea pnomenusa strain RB38, complete genome	CP007506	74.68	71.82	3.63695e-18	Burkholderiales	Burkholderiaceae	Pandoraea pnomenusa
Marinobacter sp. LQ44, complete genome	CP014754	73.94	75	3.63695e-18	Alteromonadales	Alteromonadaceae	Marinobacter sp. LQ44
Burkholderia cepacia JBK9 chromosome 1, complete s	CP013730	82.83	45	3.63695e-18	Burkholderiales	Burkholderiaceae	Burkholderia cepacia JBK9
Pandoraea pnomenusa strain DSM 16536, complete gen	CP009553	74.68	71.82	3.63695e-18	Burkholderiales	Burkholderiaceae	Pandoraea pnomenusa