

OTU_232;size=2019;.csv

Protula pacifica

Serpulidae

Sabellida

84.66



Protula pacifica voucher BIOUG<CAN>:BAMPOL0473 cyt	HM473658	84.66	77.25	4.49056e-42	Sabellida	Serpulidae	Protula pacifica
Spirorbis sp. CMC01 voucher BIOUG<CAN>:HUNTSPOL020	HQ024244	83.85	76.3	6.66459e-40	Sabellida	Serpulidae	Spirorbis sp. CMC01
Spirorbis sp. CMC01 voucher BIOUG<CAN>:HUNTSPOL020	HQ024243	83.85	76.3	6.66459e-40	Sabellida	Serpulidae	Spirorbis sp. CMC01
Serpulidae sp. BOLD:AAG0874 voucher BIOUG<CAN>:WS0	HM417793	80.33	86.73	2.83385e-38	Sabellida	Serpulidae	Serpulidae sp. BOLD:AAG0874
Nitrosomonas eutropha C91, complete genome	CP000450	76.19	99.53	6.24198e-34	Nitrosomonadales	Nitrosomonadaceae	Nitrosomonas eutropha C91
Saccharophagus degradans 2-40, complete genome	CP000282	81.41	73.93	7.60429e-33	Cellvibrionales	Cellvibrionaceae	Saccharophagus degradans 2-40
Nitrosomonas ureae strain Nm10, complete genome	CP013341	77.25	89.57	9.26392e-32	Nitrosomonadales	Nitrosomonadaceae	Nitrosomonas ureae
Spongiibacter sp. IMCC21906, complete genome	CP011477	81.88	70.62	9.26392e-32	Cellvibrionales	Spongiibacteraceae	Spongiibacter sp. IMCC21906
Polynucleobacter duraquae strain MWH-MoK4, complet	CP007501	78.21	84.83	9.26392e-32	Burkholderiales	Burkholderiaceae	Polynucleobacter duraquae
Neanthes sp. RP2011-N cytochrome oxidase subunit I	JX866607	75.59	99.53	1.12858e-30	Phyllostodida	Nereididae	Neanthes sp. RP2011-N
Betaproteobacteria bacterium UKL13-2, complete gen	CP012157	74.88	98.1	1.37489e-29			Betaproteobacteria bacterium UKL13-2
Limnohabitans sp. 63ED37-2, complete genome	CP011774	78.79	78.2	1.37489e-29	Burkholderiales	Comamonadaceae	Limnohabitans sp. 63ED37-2
Polynucleobacter asymbioticus QLW-P1DMWA-1, comple	CP000655	77.4	83.89	1.37489e-29	Burkholderiales	Burkholderiaceae	Polynucleobacter asymbioticus QLW-P1DMWA-1
Collimonas arenae strain Ter282, complete genome	CP013235	78.18	78.2	1.67496e-28	Burkholderiales	Oxalobacteraceae	Collimonas arenae
Collimonas arenae strain Ter10, complete genome	CP013233	78.18	78.2	1.67496e-28	Burkholderiales	Oxalobacteraceae	Collimonas arenae
Limnohabitans sp. 103DPR2, complete genome	CP011834	78.18	78.2	1.67496e-28	Burkholderiales	Comamonadaceae	Limnohabitans sp. 103DPR2
Nitrosomonas sp. AL212, complete genome	CP002552	83.59	60.66	1.67496e-28	Nitrosomonadales	Nitrosomonadaceae	Nitrosomonas sp. AL212
Curvibacter putative symbiont of Hydra magnipapill	FN543104	78.18	78.2	1.67496e-28	Burkholderiales	Comamonadaceae	Curvibacter putative symbiont of Hydra magnipapillata
Spirorbis sp. CMC02 voucher BIOUG<CAN>:HUNTSPOL020	HQ024247	73.49	99.05	5.84617e-28	Sabellida	Serpulidae	Spirorbis sp. CMC02
Collimonas arenae strain Cal35, complete genome	CP009962	78.26	76.3	2.04051e-27	Burkholderiales	Oxalobacteraceae	Collimonas arenae
Spirorbis sp. CMC02 voucher BIOUG<CAN>:HUNTSPOL020	HQ024246	73.49	99.05	2.04051e-27	Sabellida	Serpulidae	Spirorbis sp. CMC02
Spirorbis sp. CMC02 voucher BIOUG<CAN>:HUNTSPOL020	HQ024245	73.49	99.05	2.04051e-27	Sabellida	Serpulidae	Spirorbis sp. CMC02
Cnemidocarpa verrucosa mitochondrial partial COI g	AJ830012	78.48	74.88	2.04051e-27	Stolidobranchia	Styelidae	Cnemidocarpa verrucosa
Nitrosospira briensis C-128, complete genome	CP012371	76.76	86.73	7.1221e-27	Nitrosomonadales	Nitrosomonadaceae	Nitrosospira briensis C-128
Protolaeospira eximia voucher BIOUG<CAN>:BAMPOL046	HM473657	78.12	75.83	7.1221e-27	Sabellida	Serpulidae	Protolaeospira eximia
Protolaeospira eximia voucher BIOUG<CAN>:BAMPOL046	HM473656	78.12	75.83	7.1221e-27	Sabellida	Serpulidae	Protolaeospira eximia
Protolaeospira eximia voucher BIOUG<CAN>:BAMPOL046	HM473655	78.12	75.83	7.1221e-27	Sabellida	Serpulidae	Protolaeospira eximia
Beta proteobacterium CB, complete genome	CP004348	75.98	84.83	2.48586e-26			beta proteobacterium CB
Janthinobacterium sp. Marseille, complete genome	CP000269	77.64	76.3	2.48586e-26	Burkholderiales	Oxalobacteraceae	Janthinobacterium sp. Marseille
Collimonas fungivorans strain Ter6, complete genom	CP013232	79.31	68.72	8.67649e-26	Burkholderiales	Oxalobacteraceae	Collimonas fungivorans
Paucibacter sp. KCTC 42545, complete genome	CP013692	77.44	76.78	8.67649e-26	Burkholderiales		Paucibacter sp. KCTC 42545
Gyneuella sunshinyii YC6258, complete genome	CP007142	76.97	78.2	8.67649e-26	Oceanospirillales	Saccharospirillaceae	Gyneuella sunshinyii YC6258
Uncultured organism isolate Algarrobo_3 cytochrome	FJ541272	73.56	98.58	8.67649e-26			uncultured organism
Uncultured organism isolate Algarrobo_2 cytochrome	FJ541271	73.56	98.58	8.67649e-26			uncultured organism
Uncultured organism isolate Algarrobo_1 cytochrome	FJ541270	73.56	98.58	8.67649e-26			uncultured organism
Nitrosomonas europaea ATCC 19718, complete genome	AL954747	75.41	86.73	8.67649e-26	Nitrosomonadales	Nitrosomonadaceae	Nitrosomonas europaea ATCC 19718
Hermiiniomonas arsenicoxydans chromosome, complete	CU207211	76.97	78.2	8.67649e-26	Burkholderiales	Oxalobacteraceae	Hermiiniomonas arsenicoxydans
Uncultured organism isolate Pumillahue_D_4 COI gen	FJ541269	76.65	79.15	3.02839e-25			uncultured organism
Uncultured organism isolate Tumbes_D_1 cytochrome	FJ541268	76.65	79.15	3.02839e-25			uncultured organism
Uncultured organism isolate Tumbes_D_7 cytochrome	FJ541267	76.65	79.15	3.02839e-25			uncultured organism
Uncultured organism isolate Loncoyen_D_9 cytochrom	FJ541266	76.65	79.15	3.02839e-25			uncultured organism
Polynucleobacter necessarius subsp. necessarius ST	CP001010	76.4	83.89	3.02839e-25	Burkholderiales	Burkholderiaceae	Polynucleobacter necessarius subsp. necessarius STIR1
Collimonas pratensis strain Ter91, complete genome	CP013234	77.02	76.3	1.05701e-24	Burkholderiales	Oxalobacteraceae	Collimonas pratensis
Methylophilus sp. TWE2, complete genome	CP012020	72.99	100	1.05701e-24	Methylophilales	Methylophilaceae	Methylophilus sp. TWE2
Methylophilales bacterium MBRSG12 genome	CP011003	76.51	78.67	1.05701e-24	Methylophilales		Methylophilales bacterium MBRSG12
Methylophilales bacterium MBRSH7 genome	CP011002	76.51	78.67	1.05701e-24	Methylophilales		Methylophilales bacterium MBRSH7
Methylophilales bacterium MBRSF5 genome	CP011001	76.51	78.67	1.05701e-24	Methylophilales		Methylophilales bacterium MBRSF5
Burkholderia rhizoxinica HKI 454, complete genome	FR687359	73.81	99.05	1.05701e-24	Burkholderiales	Burkholderiaceae	Paraburkholderia rhizoxinica HKI 454
Ciona intestinalis cytochrome oxidase subunit I mi	AY116597	77.07	74.41	1.05701e-24	Enterogona	Cionidae	Ciona intestinalis
Zhongshania aliphaticivorans strain SM2, complete	CP014544	76.05	79.15	3.68934e-24	Cellvibrionales	Spongiibacteraceae	Zhongshania aliphaticivorans
Collimonas fungivorans Ter331, complete genome	CP002745	78.62	68.72	3.68934e-24	Burkholderiales	Oxalobacteraceae	Collimonas fungivorans Ter331
Methylotenera versatilis 301, complete genome	CP002056	73.85	92.42	3.68934e-24	Methylophilales	Methylophilaceae	Methylotenera versatilis 301
Collimonas pratensis strain Ter291, complete genom	CP013236	76.4	76.3	1.28771e-23	Burkholderiales	Oxalobacteraceae	Collimonas pratensis
Roseateles depolymerans strain KCTC 42856, complet	CP013729	76.4	76.3	1.28771e-23	Burkholderiales		Roseateles depolymerans
Polychaeta sp. EBS61o-Po36 cytochrome oxidase subu	KJ736175	76.92	73.93	1.28771e-23			Polychaeta sp. EBS61o-Po36
Phascolosoma esculenta cytochrome c oxidase subuni	EF521190	77.48	71.56	1.28771e-23			Phascolosoma esculenta
Insecta sp. SHSY141205 cytochrome oxidase subunit	KU720137	72.38	99.53	4.49453e-23			Insecta sp. SHSY141205
Marinobacter sp. LQ44, complete genome	CP014754	76.07	77.25	4.49453e-23	Alteromonadales	Alteromonadaceae	Marinobacter sp. LQ44
Methylomonas denitrificans strain FJG1, complete g	CP014476	77.7	70.14	4.49453e-23	Methylococcales	Methylococcaceae	Methylomonas denitrificans
Massilia sp. NR 4-1, complete genome	CP012201	75.14	81.99	4.49453e-23	Burkholderiales	Oxalobacteraceae	Massilia sp. NR 4-1
Glaciecola psychrophila 170, complete genome	CP003837	75.6	79.62	4.49453e-23	Alteromonadales	Alteromonadaceae	Paraglaciecola psychrophila 170
Nitrosomonas sp. Is79A3, complete genome	CP002876	73.94	89.1	4.49453e-23	Nitrosomonadales	Nitrosomonadaceae	Nitrosomonas sp. Is79A3
Coelomactra antiquata strain GY cytochrome oxidase	FJ653656	75.6	79.62	4.49453e-23	Veneroida	Mactridae	Coelomactra antiquata
Coelomactra antiquata strain LYG-116 cytochrome ox	GQ406236	75.6	79.62	4.49453e-23	Veneroida	Mactridae	Coelomactra antiquata
Scopelocheirus schellenbergi clone SS1_BsaBI_23 cy	AY830439	76.58	74.88	4.49453e-23	Amphipoda	Lysianassidae	Scopelocheirus schellenbergi
Rhodofera ferrireducens T118, complete genome	CP000267	75.78	76.3	5.47546e-22	Burkholderiales	Comamonadaceae	Rhodofera ferrireducens T118
Methylomonas sp. DH-1, complete genome	CP014360	75.62	75.83	1.91112e-21	Methylococcales	Methylococcaceae	Methylomonas sp. DH-1
Nitrosomonas communis strain Nm2, complete genome	CP011451	73.63	86.26	1.91112e-21	Nitrosomonadales	Nitrosomonadaceae	Nitrosomonas communis
Moritella viscosa genome assembly MVIS1_chromosom	LN554852	83.81	49.76	1.91112e-21	Alteromonadales	Moritellaceae	Moritella viscosa
Advenella kashmirensis WT001, complete genome	CP003555	75.61	76.78	1.91112e-21	Burkholderiales	Alcaligenaceae	Advenella kashmirensis WT001
Uncultured organism isolate Los Vilos_40 cytochrom	FJ541283	72.28	95.73	1.91112e-21			uncultured organism
Uncultured organism isolate Constitucion_16 cytoch	FJ541282	72.28	95.73	1.91112e-21			uncultured organism
Uncultured organism isolate Constitucion_12 cytoch	FJ541280	72.28	95.73	1.91112e-21			uncultured organism
Uncultured organism isolate Constitucion_24 cytoch	FJ541278	72.28	95.73	1.91112e-21			uncultured organism
Uncultured organism isolate Constitucion_21 cytoch	FJ541275	72.28	95.73	1.91112e-21			uncultured organism
Uncultured organism isolate Constitucion_13 cytoch	FJ541274	72.28	95.73	1.91112e-21			uncultured organism
Uncultured organism isolate Chipana_1 cytochrome o	FJ541273	72.28	95.73	1.91112e-21			uncultured organism
Cupriavidus metallidurans CH34, complete genome	CP000352	75.61	76.78	1.91112e-21	Burkholderiales	Burkholderiaceae	Cupriavidus metallidurans CH34
Nitrosospira multiformis ATCC 25196, complete geno	CP000103	77.4	68.25	1.91112e-21	Nitrosomonadales	Nitrosomonadaceae	Nitrosospira multiformis ATCC 25196
PREDICTED: Priapulus caudatus probable cytochrome	XM_014825104	76.51	70.62	6.67048e-21	Priapulidae	Priapulidae	Priapulus caudatus
Cupriavidus gilardii CR3 chromosome 1, complete se	CP010516	75.16	76.3	6.67048e-21	Burkholderiales	Burkholderiaceae	Cupriavidus gilardii CR3
Didemnum candidum isolate GAPB2 cytochrome c oxida	KJ725168	74.7	78.67	6.67048e-21	Enterogona	Didemnidae	Didemnum candidum
Janthinobacterium agaricidamnosum NBRC 102515 = DS	HG322949	75.16	76.3	6.67048e-21	Burkholderiales	Oxalobacteraceae	Janthinobacterium agaricidamnosum NBRC 102515 = DSM 9628
Cycloclasticus zancles 78-ME, complete genome	CP005996	75	77.73	6.67048e-21	Thiotrichales	Piscirickettsiaceae	Cycloclasticus zancles 78-ME
Cycloclasticus sp. P1, complete genome	CP003230	75	77.73	6.67048e-21	Thiotrichales	Piscirickettsiaceae	Cycloclasticus sp. P1
Legionella longbeachae NSW150, complete genome	FN650140	75.64	73.93	6.67048e-21	Legionellales	Legionellaceae	Legionella longbeachae NSW150
Polaromonas naphthalenivorans CJ2, complete genome	CP000529	75.16	76.3	6.67048e-21	Burkholderiales	Comamonadaceae	Polaromonas naphthalenivorans CJ2
Ralstonia eutropha H16 chromosome 1	AM260479	75.16	76.3	6.67048e-21	Burkholderiales	Burkholderiaceae	Ralstonia eutropha H16
Polaromonas sp. JS666, complete genome	CP000316	75.16	76.3	6.67048e-21	Burkholderiales	Comamonadaceae	Polaromonas sp. JS666
Didemnum candidum cytochrome oxidase subunit I gen	AY116602	74.7	78.67	6.67048e-21	Enterogona	Didemnidae	Didemnum candidum
Patelloloida striata mitochondrial COI gene for cyto	AB161589	75.16	76.3	6.67048e-21	Lottiidae	Patelloida striata	Patelloloida striata
Eurythenes gryllus clone EG_SacII_40 cytochrome ox	AY830420	73.33	91.94	6.67048e-21	Amphipoda	Lysianassidae	Eurythenes gryllus
Pandoraea oxalativorans strain DSM 23570, complete	CP011253	75.82	72.51	2.32823e-20	Burkholderiales	Burkholderiaceae	Pandoraea oxalativorans
Alteromonas macleodii strain D7, complete genome	CP014323	76.55	68.72	2.32823e-20	Alteromonadales	Alteromonadaceae	Alteromonas macleodii
Alcaligenes faecalis strain ZD02, complete genome	CP013119	74.55	78.2	2.32823e-20	Burkholderiales	Alcaligenaceae	Alcaligenes faecalis
Herbaspirillum seropedicae strain Z67, complete ge	CP011930	73.99	81.99	2.32823e-20	Burkholderiales	Oxalobacteraceae	Herbaspirillum seropedicae
Uncultured Pseudomonas sp. clone GP0154 cytochrome	KJ885299	74.4	79.62	2.32823e-20	Pseudomonadales	Pseudomonadaceae	uncultured Pseudomonas sp.
Uncultured Pseudomonas sp. clone GP0151 cytochrome	KJ885296	74.4	79.62	2.32823e-20	Pseudomonadales	Pseudomonadaceae	uncultured Pseudomonas sp.
Uncultured Pseudomonas sp. clone GP0150 cytochrome	KJ885295	74.4	79.62	2.32823e-20	Pseudomonadales	Pseudomonadaceae	uncultured Pseudomonas sp.
Uncultured Pseudomonas sp. clone GP0149 cytochrome	KJ885294	74.4	79.62	2.32823e-20	Pseudomonadales	Pseudomonadaceae	uncultured Pseudomonas sp.