

OTU_151;size=2996;.csv

Craspedacusta sowerbyi

Olindiidae

Limnomedusae

76.8

TPA_asm: Craspedacusta sowerbyi mitochondrial geno	LN901194	76.8	89.4	9.58154e-32	Limnomedusae	Olindiidae	Craspedacusta sowerbyi
Craspedacusta sowerbyi cytochrome oxidase subunit	KP231217	76.8	89.4	9.58154e-32	Limnomedusae	Olindiidae	Craspedacusta sowerbyi
Craspedacusta sowerbyi mitochondrion, complete gen	JN593332	75.77	89.4	4.96336e-29	Limnomedusae	Olindiidae	Craspedacusta sowerbyi
Trebouxiophyceae sp. MX-AZ01 mitochondrion, comple	JX315601	76.97	81.11	7.36628e-27			Trebouxiophyceae sp. MX-AZ01
Brevundimonas sp. GW460-12-10-14-LB2, complete gen	CP015511	76.44	80.18	2.57108e-26			Brevundimonas sp. GW460-12-10-14-LB2
Brevundimonas sp. DS20, complete genome	CP012897	76.14	81.11	2.57108e-26	Caulobacterales	Caulobacteraceae	Brevundimonas sp. DS20
Electrogena fallax mitochondrial partial COI gene	HG935054	75.27	83.87	3.13222e-25	Caulobacterales	Caulobacteraceae	Electrogena fallax
Hyphomicrobium denitrificans 1NES1, complete genom	CP005587	75.27	83.87	3.13222e-25	Ephemeroptera	Heptageniidae	Hyphomicrobium denitrificans 1NES1
Rhodopseudomonas palustris TIE-1, complete genome	CP001096	74.6	87.1	3.13222e-25	Rhizobiales	Hyphomicrobiaceae	Rhodopseudomonas palustris TIE-1
Branchipodopsis drakensbergensis haplotype T2_10 c	GU139737	74.47	86.64	1.09325e-24	Rhizobiales	Bradyrhizobiaceae	Branchipodopsis drakensbergensis
Branchipodopsis drakensbergensis haplotype T2_5 cy	GU139732	74.47	86.64	1.09325e-24	Anostraca	Branchipodidae	Branchipodopsis drakensbergensis
Branchipodopsis drakensbergensis haplotype T2_2 cy	GU139731	74.47	86.64	1.09325e-24	Anostraca	Branchipodidae	Branchipodopsis drakensbergensis
Electrogena fallax mitochondrial partial COI gene	HG935056	73.6	90.78	3.81583e-24	Ephemeroptera	Heptageniidae	Electrogena fallax
Electrogena fallax mitochondrial partial COI gene	HG935055	73.6	90.78	3.81583e-24	Ephemeroptera	Heptageniidae	Electrogena fallax
Scytothamnus fasciculatus mitochondrial cox1 gene	AB776660	75.72	79.72	1.33185e-23	Scytothamnales		Scytothamnus fasciculatus
Cystophora moniliformis isolate B163 cytochrome ox	GU289291	73.47	90.32	1.33185e-23	Fucales	Sargassaceae	Cystophora moniliformis
Agrobacterium sp. ATCC 31749 cytochrome c oxidase	GQ428131	74.86	82.49	1.33185e-23	Rhizobiales	Rhizobiaceae	Agrobacterium sp. ATCC 31749
Agrobacterium tumefaciens str. C58 circular chromo	AE007869	75	81.11	1.33185e-23	Rhizobiales	Rhizobiaceae	Agrobacterium fabrum str. C58
Aurelia cf. 2 KMB-2016 isolate D464 cytochrome c o	KU984338	73.68	87.56	4.64863e-23	Semaeostomeae	Ulmaridae	Aurelia cf. 2 KMB-2016
Agrobacterium tumefaciens strain S33 chromosome li	CP014260	73.94	86.64	4.64863e-23	Rhizobiales	Rhizobiaceae	Agrobacterium tumefaciens
Devosia sp. A16, complete genome	CP012945	74.72	82.03	4.64863e-23	Rhizobiales	Hyphomicrobiaceae	Devosia sp. A16
Sinorhizobium meliloti GR4, complete genome	CP003933	74.72	82.03	4.64863e-23	Rhizobiales	Rhizobiaceae	Sinorhizobium meliloti GR4
Agrobacterium tumefaciens strain Ach5 chromosome c	CP011246	73.94	86.64	4.64863e-23	Rhizobiales	Rhizobiaceae	Agrobacterium tumefaciens
Sinorhizobium meliloti strain RMO17, complete geno	CP009144	74.72	82.03	4.64863e-23	Rhizobiales	Rhizobiaceae	Sinorhizobium meliloti
Agrobacterium tumefaciens LBA4213 (Ach5) circular	CP007225	73.94	86.64	4.64863e-23	Rhizobiales	Rhizobiaceae	Agrobacterium tumefaciens LBA4213 (Ach5)
Arthrocladia villosa voucher NCweed1212 cytochrome	KF367748	75.45	76.96	4.64863e-23	Desmarestiales	Arthrocladiaceae	Arthrocladia villosa
Rhizobium etli bv. mimosae str. Mim1, complete gen	CP005950	73.94	86.64	4.64863e-23	Rhizobiales	Rhizobiaceae	Rhizobium etli bv. mimosae str. Mim1
Sinorhizobium meliloti 2011, complete genome	CP004140	74.72	82.03	4.64863e-23	Rhizobiales	Rhizobiaceae	Sinorhizobium meliloti 2011
Sinorhizobium meliloti Rm41 complete genome	HE995405	74.72	82.03	4.64863e-23	Rhizobiales	Rhizobiaceae	Sinorhizobium meliloti Rm41
Sinorhizobium meliloti SM11, complete genome	CP001830	74.72	82.03	4.64863e-23	Rhizobiales	Rhizobiaceae	Sinorhizobium meliloti SM11
Sinorhizobium meliloti AK83 chromosome 1, complete	CP002781	74.72	82.03	4.64863e-23	Rhizobiales	Rhizobiaceae	Sinorhizobium meliloti AK83
Sinorhizobium meliloti BL225C, complete genome	CP002740	74.72	82.03	4.64863e-23	Rhizobiales	Rhizobiaceae	Sinorhizobium meliloti BL225C
Branchipodopsis drakensbergensis haplotype T2_1 cy	GU139730	73.94	86.64	4.64863e-23	Anostraca	Branchipodidae	Branchipodopsis drakensbergensis
Branchipodopsis drakensbergensis haplotype T2_11 c	GU139729	73.94	86.64	4.64863e-23	Anostraca	Branchipodidae	Branchipodopsis drakensbergensis
Sinorhizobium meliloti 1021 complete chromosome	AL591688	74.72	82.03	4.64863e-23	Rhizobiales	Rhizobiaceae	Sinorhizobium meliloti 1021
Aurelia sp. 2-MND-2003 clone Morandini11 cytochrom	AY903121	73.33	89.86	4.64863e-23	Semaeostomeae	Ulmaridae	Aurelia sp. 2 sensu Dawson et al. (2005)
Aurelia sp. 2-MND-2003 clone Morandini10 cytochrom	AY903120	73.33	89.86	4.64863e-23	Semaeostomeae	Ulmaridae	Aurelia sp. 2 sensu Dawson et al. (2005)
Aurelia sp. 2-MND-2003 clone Morandini9 cytochrome	AY903119	73.33	89.86	4.64863e-23	Semaeostomeae	Ulmaridae	Aurelia sp. 2 sensu Dawson et al. (2005)
Rhizobium etli CFN 42, complete genome	CP000133	73.94	86.64	4.64863e-23	Rhizobiales	Rhizobiaceae	Rhizobium etli CFN 42
Mycobates sp. BOLD:AAD9075 voucher CCDB-07433-18 c	JX838412	75	79.26	1.62253e-22	Oribatida	Mycobatidae	Mycobates sp. BOLD:AAD9075
Mycobates perates voucher MYMCA-06-76 cytochrome o	JX838203	75	79.26	1.62253e-22	Oribatida	Mycobatidae	Mycobates perates
Mycobates perates voucher CCDB-07430-64 cytochrome	JX836632	75	79.26	1.62253e-22	Oribatida	Mycobatidae	Mycobates perates
Mycobates perates voucher BIOUG01192-67 cytochrome	JX835939	75	79.26	1.62253e-22	Oribatida	Mycobatidae	Mycobates perates
Mycobates perates voucher BIOUG<CAN>:DPMIT-31-16 c	HM907318	75	79.26	1.62253e-22	Oribatida	Mycobatidae	Mycobates perates
Mycobates sp. BOLD:AAD9075 voucher CCDB-07433-86 c	JX835158	74.71	80.18	1.62253e-22	Oribatida	Mycobatidae	Mycobates sp. BOLD:AAD9075
Mycobates perates voucher BIOUG01939-66 cytochrome	JX835123	75	79.26	1.62253e-22	Oribatida	Mycobatidae	Mycobates perates
Mycobates sp. BOLD:AAD9075 voucher BIOUG01064-41 c	JX835057	75	79.26	1.62253e-22	Oribatida	Mycobatidae	Mycobates sp. BOLD:AAD9075
Mycobates perates voucher BIOUG01181-51 cytochrome	JX834917	75	79.26	1.62253e-22	Oribatida	Mycobatidae	Mycobates perates
Mycobates perates voucher DPMIT-29-38 cytochrome o	JX834796	75	79.26	1.62253e-22	Oribatida	Mycobatidae	Mycobates perates
Mycobates sp. BOLD:AAD9075 voucher BIOUG01074-73 c	JX834703	75	79.26	1.62253e-22	Oribatida	Mycobatidae	Mycobates sp. BOLD:AAD9075
Mycobates perates voucher 08DPMIT-0589 cytochrome	JX834287	75	79.26	1.62253e-22	Oribatida	Mycobatidae	Mycobates perates
Mycobates sp. BOLD:AAD9075 voucher BIOUG01100-25 c	JX834237	75	79.26	1.62253e-22	Oribatida	Mycobatidae	Mycobates sp. BOLD:AAD9075
Mycobates perates voucher BIOUG<CAN>:DPMIT-31-92 c	HM907351	75	79.26	1.62253e-22	Oribatida	Mycobatidae	Mycobates perates
Mycobates perates voucher BIOUG<CAN>:DPMIT-31-91 c	HM907350	75	79.26	1.62253e-22	Oribatida	Mycobatidae	Mycobates perates
Isonychia bicolor voucher 08INHSE-0222 cytochrome	JQ661941	74.18	83.87	1.62253e-22	Ephemeroptera	Isonychiidae	Isonychia bicolor
Maccaffertium smithae voucher FAMUBOLD0035 cytochr	JQ661696	73.2	89.4	1.62253e-22	Ephemeroptera	Heptageniidae	Maccaffertium smithae
Mycobates perates voucher BIOUG<CAN>:DPMIT-021-55	HQ558364	75	79.26	1.62253e-22	Oribatida	Mycobatidae	Mycobates perates
Hawaiioscia rotundata isolate KH cytochrome c oxid	AF191125	73.98	89.86	1.62253e-22	Isopoda	Philosciidae	Hawaiioscia rotundata
Hawaiioscia rotundata isolate KHmale cytochrome c	AF191124	73.98	89.86	1.62253e-22	Isopoda	Philosciidae	Hawaiioscia rotundata
Trhypochthonius cladonicolus voucher BIOUG12114-H0	KR099568	73.3	88.02	5.66319e-22	Oribatida	Trhypochthoniidae	Trhypochthonius cladonicolus
Trhypochthonius cladonicolus voucher BIOUG10747-E1	KR098417	73.3	88.02	5.66319e-22	Oribatida	Trhypochthoniidae	Trhypochthonius cladonicolus
Haplospora globosa mitochondrial cox1 gene for cyt	AB776665	72.96	90.32	5.66319e-22	Tiolopteridales	Tiolopteridaceae	Haplospora globosa
Ralfsioid sp. 4GWS voucher GWS021925 cytochrome ox	KM254794	71.83	98.16	5.66319e-22	Ralfsiales	Ralfsiaceae	Ralfsioid sp. 4GWS
Ralfsioid sp. 4GWS voucher GWS021822 cytochrome ox	KM254789	71.83	98.16	5.66319e-22	Ralfsiales	Ralfsiaceae	Ralfsioid sp. 4GWS
Ralfsioid sp. 4GWS voucher GWS021736 cytochrome ox	KM254634	71.83	98.16	5.66319e-22	Ralfsiales	Ralfsiaceae	Ralfsioid sp. 4GWS
Ralfsioid sp. 4GWS voucher GWS021407 cytochrome ox	KM254526	71.83	98.16	5.66319e-22	Ralfsiales	Ralfsiaceae	Ralfsioid sp. 4GWS
Ralfsioid sp. 4GWS voucher GWS028309 cytochrome ox	KM254456	71.83	98.16	5.66319e-22	Ralfsiales	Ralfsiaceae	Ralfsioid sp. 4GWS
Rhizobium sp. IRBG74 circular chromosome, complete	HG518322	73.4	86.64	5.66319e-22	Rhizobiales	Rhizobiaceae	Rhizobium sp. IRBG74
Desmarestia muelleri mitochondrial partial COI gen	HE866781	72.96	90.32	5.66319e-22	Desmarestiales	Desmarestiaceae	Desmarestia muelleri
Sinorhizobium fredii HH103 main chromosome, comple	HE616890	74.03	83.41	5.66319e-22	Rhizobiales	Rhizobiaceae	Sinorhizobium fredii HH103
Ralfsioid sp. 4GWS voucher GWS019302 cytochrome ox	KM254270	71.83	98.16	5.66319e-22	Ralfsiales	Ralfsiaceae	Ralfsioid sp. 4GWS
Agrobacterium sp. H13-3 circular chromosome, compl	CP002248	73.4	86.64	5.66319e-22	Rhizobiales	Rhizobiaceae	Agrobacterium sp. H13-3
Branchipodopsis drakensbergensis haplotype K1_1 cy	GU139733	73.4	86.64	5.66319e-22	Anostraca	Branchipodidae	Branchipodopsis drakensbergensis
Branchipodopsis drakensbergensis haplotype T2_15 c	GU139728	73.4	86.64	5.66319e-22	Anostraca	Branchipodidae	Branchipodopsis drakensbergensis
Cystophora moniliformis isolate B093 cytochrome ox	GU289249	72.96	90.32	5.66319e-22	Fucales	Sargassaceae	Cystophora moniliformis
Sinorhizobium fredii NGR234, complete genome	CP001389	74.03	83.41	5.66319e-22	Rhizobiales	Rhizobiaceae	Sinorhizobium fredii NGR234
Phenylobacterium zucineum HLK1, complete genome	CP000747	73.4	86.64	5.66319e-22	Caulobacterales	Caulobacteraceae	Phenylobacterium zucineum HLK1
Sinorhizobium medicae WSM419, complete genome	CP000738	74.16	82.03	5.66319e-22	Rhizobiales	Rhizobiaceae	Sinorhizobium medicae WSM419
Ensifer adhaerens strain Casida A, complete genome	CP015880	73.16	87.56	1.97665e-21	Rhizobiales	Rhizobiaceae	Ensifer adhaerens
Botryococcus braunii mitochondrion, complete genom	KR057902	78.79	60.83	1.97665e-21	Botryococcaceae	Botryococcaceae	Botryococcus braunii
Centropitilum luteolum mitochondrial partial COI ge	LN734697	73.51	85.25	1.97665e-21	Ephemeroptera	Baetidae	Centropitilum luteolum
Craspedacusta sowerbyi voucher thsm01 cytochrome o	KF510026	74.71	78.34	1.97665e-21	Limnomedusae	Olindiidae	Craspedacusta sowerbyi
Mycobates sp. BOLD:AAD9075 voucher BIOUG01100-24 c	JX837447	74.42	79.26	1.97665e-21	Oribatida	Mycobatidae	Mycobates sp. BOLD:AAD9075
Dictyota bartayresiana voucher DR7 cytochrome oxid	GQ425129	74.85	76.96	1.97665e-21	Dictyotales	Dictyotaceae	Dictyota bartayresiana
Chelativorans sp. BNC1, complete genome	CP000390	72.82	89.86	1.97665e-21	Rhizobiales	Phyllobacteriaceae	Chelativorans sp. BNC1
Hawaiioscia rotundata isolate KHJUV cytochrome c o	AF191123	73.47	89.86	1.97665e-21	Isopoda	Philosciidae	Hawaiioscia rotundata
Aurelia cf. 2 KMB-2016 isolate D468 cytochrome c o	KU984339	72.06	94.01	6.89918e-21	Semaeostomeae	Ulmaridae	Aurelia cf. 2 KMB-2016
Sphingorhabdus sp. M41, complete genome	CP014545	76.16	69.59	6.89918e-21	Sphingomonadales	Sphingomonadaceae	Sphingorhabdus sp. M41
Dictyopteris prolifera mitochondrial cox1 gene for	AB899173	72.45	90.32	6.89918e-21	Dictyotales	Dictyotaceae	Dictyopteris prolifera
Cutleria multifida mitochondrial partial COI gene	LM995437	72.36	91.71	6.89918e-21	Cutleriales	Cutleriaceae	Cutleria multifida
Myrionema strangulans mitochondrial partial COI ge	LM995266	72.45	90.32	6.89918e-21	Ectocarpales	Chordariaceae	Myrionema strangulans
Cutleria multifida mitochondrial partial COI gene	LM995410	72.36	91.71	6.89918e-21	Cutleriales	Cutleriaceae	Cutleria multifida
Methylobacterium aquaticum plasmid pMaq22A_1p DNA,	AP014705	73.48	83.41	6.89918e-21	Rhizobiales	Methylobacteriaceae	Methylobacterium aquaticum
Rhizobium etli bv. phaseoli str. IE4803, complete	CP007641	74.44	82.49	6.89918e-21	Rhizobiales	Rhizobiaceae	Rhizobium etli bv. phaseoli str. IE4803
Brucella pinnipedialis strain 6/566 chromosome 1,	CP007743	74.44	82.49	6.89918e-21	Rhizobiales	Brucellaceae	Brucella pinnipedialis
Rhizobium tropici CIAT 899, complete genome	CP004015	73.86	81.11	6.89918e-21	Rhizobiales	Rhizobiaceae	Rhizobium tropici CIAT 899
Desmarestia muelleri mitochondrial partial COI gen	HE866780	72.45	90.32	6.89918e-21	Desmarestiales	Desmarestiaceae	Desmarestia muelleri
Desmarestia gayana mitochondrial partial COI gene	HE866779	72.45	90.32	6.89918e-21	Desmarestiales	Desmarestiaceae	Desmarestia gayana
Desmarestia ligulata mitochondrial partial COI gen	HE866776	72.45	90.32	6.89918e-21	Desmarestiales	Desmarestiaceae	Desmarestia ligulata
Desmarestia firma mitochondrial partial COI gene f	HE866769	72.45	90.32	6.89918e-21	Desmarestiales	Desmarestiaceae	Desmarestia firma