

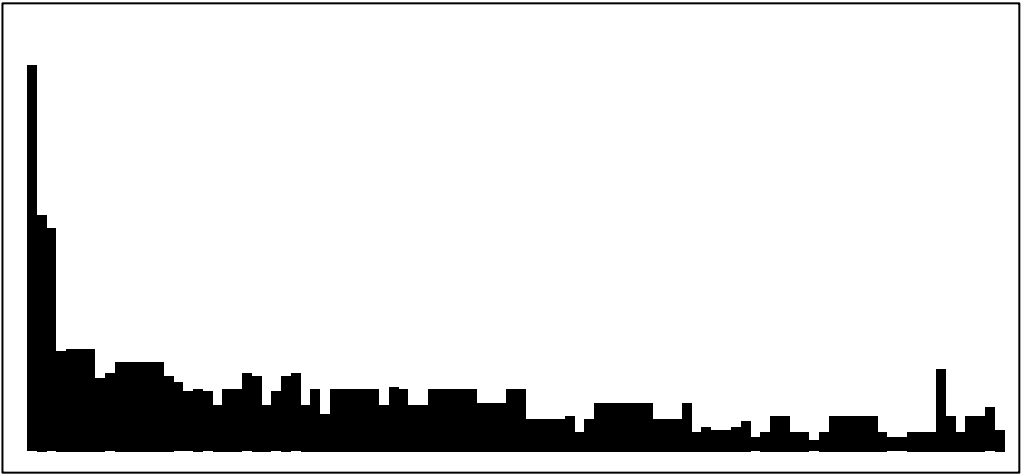
OTU_190.csv

Oreodytes sanmarkii

Dytiscidae

Coleoptera

98.09



Oreodytes sanmarkii mitochondrial 16S rRNA gene (p	HF931524	98.09	100	6.70005e-69	Coleoptera	Dytiscidae	Oreodytes sanmarkii
Oreodytes congruus partial 16S rRNA gene	AJ850347	91.08	100	3.04451e-54	Coleoptera	Dytiscidae	Oreodytes congruus
Oreodytes congruus 16S ribosomal RNA gene, partial	KF575550	90.45	100	1.29456e-52	Coleoptera	Dytiscidae	Oreodytes congruus
Laccornis difformis 16S ribosomal RNA gene, partial	KF575544	84.71	100	1.13558e-40	Coleoptera	Dytiscidae	Laccornis difformis
Nebrioporus formaster mitochondrial partial 16S rR	HF931377	84.81	100	3.96358e-40	Coleoptera	Dytiscidae	Nebrioporus formaster
Stictotarsus maghrebinus 16S ribosomal RNA gene, p	AY250947	84.81	100	4.82863e-39	Coleoptera	Dytiscidae	Stictotarsus maghrebinus
Hydroporus foveolatus mitochondrial 16S rRNA gene	HE613724	84.81	100	5.88247e-38	Coleoptera	Dytiscidae	Hydroporus foveolatus
Copelatus sp. BI-2011 voucher BMNH671215 16S ribos	HQ381377	83.44	100	5.88247e-38	Coleoptera	Dytiscidae	Copelatus sp. BI-2011
Scarodytes sp. IR-2003 16S ribosomal RNA gene, par	AY250939	83.65	100	5.88247e-38	Coleoptera	Dytiscidae	Scarodytes sp. IR-2003
Stictotarsus procerus mitochondrial 16S rRNA gene	HF931379	84.18	100	2.05319e-37	Coleoptera	Dytiscidae	Stictotarsus procerus
Hydroporus tessellatus 16S ribosomal RNA gene, par	JX434770	84.18	100	7.16632e-37	Coleoptera	Dytiscidae	Hydroporus tessellatus
Hydroporus zimmermanni mitochondrial 16S rRNA gene	HE613679	84.18	100	7.16632e-37	Coleoptera	Dytiscidae	Hydroporus zimmermanni
Hydroporus basinotatus mitochondrial 16S rRNA gene	HE613678	84.18	100	7.16632e-37	Coleoptera	Dytiscidae	Hydroporus basinotatus
Hydroporus basinotatus 16S ribosomal RNA gene, par	AF518258	84.18	100	7.16632e-37	Coleoptera	Dytiscidae	Hydroporus basinotatus
Nirripiрти megamacrocephalus isolate ABTC78781 16S	EU616935	83.54	100	2.50129e-36	Coleoptera	Dytiscidae	Paroster megamacrocephalus
Hydroporus marginatus mitochondrial 16S rRNA gene	HE613699	83.23	100	8.73037e-36	Coleoptera	Dytiscidae	Hydroporus marginatus
Hydroporus sp. IR33.4 16S ribosomal RNA gene, part	AY365261	82.8	100	8.73037e-36	Coleoptera	Dytiscidae	Hydroporus sp. IR33.4
Scarodytes halensis haplotype 3 16S ribosomal RNA	AY250937	82.91	100	8.73037e-36	Coleoptera	Dytiscidae	Scarodytes halensis
Hydroporus marginatus 16S ribosomal RNA gene, part	AF518267	82.8	100	8.73037e-36	Coleoptera	Dytiscidae	Hydroporus marginatus
Hydaticus cinctipennis voucher UNM KBMHyci20 16S r	KJ548338	82.17	100	3.0472e-35	Coleoptera	Dytiscidae	Hydaticus cinctipennis
Suphrodytes dorsalis 16S ribosomal RNA gene, parti	KF575577	82.91	100	3.0472e-35	Coleoptera	Dytiscidae	Suphrodytes dorsalis
Suphrodytes dorsalis voucher BMNH:725966 16S ribos	JX221574	82.91	100	3.0472e-35	Coleoptera	Dytiscidae	Suphrodytes dorsalis
Hydroporus fuscipennis mitochondrial 16S rRNA gene	HE613730	83.65	100	3.0472e-35	Coleoptera	Dytiscidae	Hydroporus fuscipennis
Hydroporus compunctus mitochondrial 16S rRNA gene	HE599693	83.54	100	3.0472e-35	Coleoptera	Dytiscidae	Hydroporus compunctus
Nirripiрти byroensis isolate ABTC78677-8 16S ribos	EU616910	82.17	100	3.0472e-35	Coleoptera	Dytiscidae	Paroster byroensis
Nirripiрти newhavenensis 16S ribosomal RNA gene, p	AY353844	82.8	100	3.0472e-35	Coleoptera	Dytiscidae	Paroster newhavenensis
Hydroporus compunctus 16S ribosomal RNA gene, part	AF518259	83.54	100	3.0472e-35	Coleoptera	Dytiscidae	Hydroporus compunctus
Hydroporus fuscipennis 16S ribosomal RNA gene, par	AF518262	83.65	100	3.0472e-35	Coleoptera	Dytiscidae	Hydroporus fuscipennis
Hydroporus appalachius 16S ribosomal RNA gene, par	JX434765	82.17	100	3.71225e-34	Coleoptera	Dytiscidae	Hydroporus appalachius
Hydroporus foveolatus mitochondrial 16S rRNA gene	HF931502	82.91	100	3.71225e-34	Coleoptera	Dytiscidae	Hydroporus foveolatus
Scarodytes halensis mitochondrial 16S rRNA gene (p	HF931324	81.76	100	3.71225e-34	Coleoptera	Dytiscidae	Scarodytes halensis
Hydroporus discretus mitochondrial 16S rRNA gene (	HE613723	82.91	100	3.71225e-34	Coleoptera	Dytiscidae	Hydroporus discretus
Hydroporus decipiens mitochondrial 16S rRNA gene (	HE613722	82.91	100	3.71225e-34	Coleoptera	Dytiscidae	Hydroporus decipiens
Hydroporus pubescens mitochondrial 16S rRNA gene (	HE613707	82.91	100	3.71225e-34	Coleoptera	Dytiscidae	Hydroporus pubescens
Hydroporus limbatus mitochondrial 16S rRNA gene (p	HE613706	82.91	100	3.71225e-34	Coleoptera	Dytiscidae	Hydroporus limbatus
Hydroporus errans mitochondrial 16S rRNA gene (par	HE613704	82.91	100	3.71225e-34	Coleoptera	Dytiscidae	Hydroporus errans
Hydroporus pervicinus mitochondrial 16S rRNA gene	HE599695	82.17	100	3.71225e-34	Coleoptera	Dytiscidae	Hydroporus pervicinus
Nirripiрти napperbyensis 16S ribosomal RNA gene, p	AY353843	83.02	100	3.71225e-34	Coleoptera	Dytiscidae	Paroster napperbyensis
Hydroporus pubescens voucher NHM-IR39 16S ribosoma	EF419327	82.91	100	3.71225e-34	Coleoptera	Dytiscidae	Hydroporus pubescens
Hydroporus occidentalis 16S ribosomal RNA gene, pa	AY365280	82.17	100	3.71225e-34	Coleoptera	Dytiscidae	Hydroporus occidentalis
Hydroporus hirtellus 16S ribosomal RNA gene, parti	AY365271	82.17	100	3.71225e-34	Coleoptera	Dytiscidae	Hydroporus hirtellus
Hydroporus rufifrons 16S ribosomal RNA gene, parti	AF518277	82.91	100	3.71225e-34	Coleoptera	Dytiscidae	Hydroporus rufifrons
Hydroporus pubescens 16S ribosomal RNA gene, parti	AF518276	82.91	100	3.71225e-34	Coleoptera	Dytiscidae	Hydroporus pubescens
Hydroporus limbatus 16S ribosomal RNA gene, partia	AF518264	82.91	100	3.71225e-34	Coleoptera	Dytiscidae	Hydroporus limbatus
Hydroporus discretus 16S ribosomal RNA gene, parti	AF518260	82.91	100	3.71225e-34	Coleoptera	Dytiscidae	Hydroporus discretus
Hydroporus analis 16S ribosomal RNA gene, partial	AF518257	82.91	100	3.71225e-34	Coleoptera	Dytiscidae	Hydroporus analis
Paroster sp. R401 Newhaven voucher ABTC:78974 16S	JQ745754	82.28	100	1.2957e-33	Coleoptera	Dytiscidae	Paroster sp. R401 Newhaven
Paroster sp. 2 RL-2008 16S ribosomal RNA gene, par	EU616958	82.28	100	1.2957e-33	Coleoptera	Dytiscidae	Paroster sp. 2 RL-2008
Paroster sp. spnMtWedge 16S ribosomal RNA gene, pa	EU616954	82.28	100	1.2957e-33	Coleoptera	Dytiscidae	Paroster sp. spnMtWedge
Nirripiрти bulbus isolate ABTC78658-9 16S ribosoma	EU616918	82.91	100	1.2957e-33	Coleoptera	Dytiscidae	Paroster bulbus
Nirripiрти skaphites isolate 2 ABTC78694-6 16S rib	EU616916	82.91	100	1.2957e-33	Coleoptera	Dytiscidae	Paroster skaphites
Hygrotus novemlineatus mitochondrial partial 16S r	HF931523	81.53	100	4.52244e-33	Coleoptera	Dytiscidae	Hygrotus novemlineatus
Suphrodytes figuratus voucher BMNH:722148 16S ribo	JX221571	81.53	100	4.52244e-33	Coleoptera	Dytiscidae	Suphrodytes figuratus
Hygrotus turbidus partial 16S rRNA gene	AJ850390	81.53	100	4.52244e-33	Coleoptera	Dytiscidae	Hygrotus turbidus
Nirripiрти wedgeensis isolate ABTC78773-4 16S ribo	EU616938	81.53	100	4.52244e-33	Coleoptera	Dytiscidae	Paroster wedgeensis
Scarodytes antoni voucher MNCN-AC6 16S ribosomal R	EU156492	81.65	100	4.52244e-33	Coleoptera	Dytiscidae	Scarodytes antoni
Hydaticus aruspex voucher UNM KBMHyar68 16S riboso	KJ548337	80.89	100	1.57849e-32	Coleoptera	Dytiscidae	Hydaticus aruspex
Hydaticus aruspex voucher NHRS/JLKB000000298 16S r	KF979119	81.53	100	1.57849e-32	Coleoptera	Dytiscidae	Hydaticus aruspex
Hydroporus rufifrons 16S ribosomal RNA gene, parti	JX434758	82.28	100	1.57849e-32	Coleoptera	Dytiscidae	Hydroporus rufifrons
Hydroporus discretus mitochondrial 16S rRNA gene (	HF931449	82.28	100	1.57849e-32	Coleoptera	Dytiscidae	Hydroporus discretus
Hydroporus thracicus mitochondrial 16S rRNA gene (	HF931413	82.28	100	1.57849e-32	Coleoptera	Dytiscidae	Hydroporus thracicus
Hygrotus patruelis mitochondrial 16S rRNA gene (pa	HF931388	82.28	100	1.57849e-32	Coleoptera	Dytiscidae	Hygrotus patruelis
Hydroporus analis mitochondrial partial 16S rRNA g	HE613731	82.28	100	1.57849e-32	Coleoptera	Dytiscidae	Hydroporus analis
Hydroporus macedonicus mitochondrial 16S rRNA gene	HE613690	82.28	100	1.57849e-32	Coleoptera	Dytiscidae	Hydroporus macedonicus
Nirripiрти arachnoides isolate ABTC78660-1 16S rib	EU616917	81.53	100	1.57849e-32	Coleoptera	Dytiscidae	Paroster arachnoides
Nirripiрти innoendyensis isolate ABTC78672-3 16S	EU616913	81.53	100	1.57849e-32	Coleoptera	Dytiscidae	Paroster innoendyensis
Nirripiрти eurypleuron isolate ABTC78681 16S ribos	EU616909	81.53	100	1.57849e-32	Coleoptera	Dytiscidae	Paroster eurypleuron
Hydroporus macedonicus 16S ribosomal RNA gene, par	DQ195529	82.28	100	1.57849e-32	Coleoptera	Dytiscidae	Hydroporus macedonicus
Aglymbus gestroi 16S ribosomal RNA gene, partial s	AY138639	80.89	100	1.57849e-32	Coleoptera	Dytiscidae	Aglymbus gestroi
Paroster nigroadumbratus mitochondrial partial 16S	HG940414	81.13	100	5.50946e-32	Coleoptera	Dytiscidae	Paroster nigroadumbratus
Scarodytes malickyi mitochondrial 16S rRNA gene (p	HF931334	81.01	100	5.50946e-32	Coleoptera	Dytiscidae	Scarodytes malickyi
Scarodytes savinensis voucher MNCN-AI135 16S ribos	EU156491	81.01	100	5.50946e-32	Coleoptera	Dytiscidae	Scarodytes savinensis
Paroster nigroadumbratus 16S ribosomal RNA gene, p	AY353824	81.13	100	5.50946e-32	Coleoptera	Dytiscidae	Paroster nigroadumbratus
Scarodytes nigriventris 16S ribosomal RNA gene, pa	AY250938	81.41	98.73	5.50946e-32	Coleoptera	Dytiscidae	Scarodytes nigriventris
Chostonectes sharpi mitochondrial partial 16S rRNA	HG940420	80.65	98.73	1.92299e-31	Coleoptera	Dytiscidae	Chostonectes sharpi
Hydroporus submuticus 16S ribosomal RNA gene, part	JX434777	80.89	100	1.92299e-31	Coleoptera	Dytiscidae	Hydroporus submuticus
Hydroporus erythrocephalus 16S ribosomal RNA gene,	JX434775	81.65	100	1.92299e-31	Coleoptera	Dytiscidae	Hydroporus erythrocephalus
Hydroporus nigrita 16S ribosomal RNA gene, partial	JX434769	81.65	100	1.92299e-31	Coleoptera	Dytiscidae	Hydroporus nigrita
Hygrotus lutescens mitochondrial partial 16S rRNA	HF931518	80.89	100	1.92299e-31	Coleoptera	Dytiscidae	Hygrotus lutescens
Hygrotus fontinalis mitochondrial 16S rRNA gene (p	HF931494	80.89	100	1.92299e-31	Coleoptera	Dytiscidae	Hygrotus fontinalis
Scarodytes halensis mitochondrial 16S rRNA gene (p	HF931408	80.5	100	1.92299e-31	Coleoptera	Dytiscidae	Scarodytes halensis
Suphrodytes figuratus voucher BMNH:722150 16S ribo	JX221572	80.89	100	1.92299e-31	Coleoptera	Dytiscidae	Suphrodytes figuratus
Hydroporus nigrita mitochondrial 16S rRNA gene (pa	HE613725	81.65	100	1.92299e-31	Coleoptera	Dytiscidae	Hydroporus nigrita
Hydroporus sabaudus mitochondrial 16S rRNA gene (p	HE613720	81.65	100	1.92299e-31	Coleoptera	Dytiscidae	Hydroporus sabaudus
Hydroporus discretus mitochondrial 16S rRNA gene (	HE613709	81.65	100	1.92299e-31	Coleoptera	Dytiscidae	Hydroporus discretus
Hydroporus brancuccii mitochondrial 16S rRNA gene	HE613696	81.65	100	1.92299e-31	Coleoptera	Dytiscidae	Hydroporus brancuccii
Hydroporus kozlovskii mitochondrial 16S rRNA gene	HE613689	81.65	100	1.92299e-31	Coleoptera	Dytiscidae	Hydroporus kozlovskii
Suphrodytes dorsalis mitochondrial 16S rRNA gene (	HE599700	80.89	100	1.92299e-31	Coleoptera	Dytiscidae	Suphrodytes dorsalis
Chostonectes sharpi partial 16S rRNA gene	AJ850313	80.65	98.73	1.92299e-31	Coleoptera	Dytiscidae	Chostonectes sharpi
Chostonectes sharpi isolate ABTC78964 16S ribosoma	EU616947	80.65	98.73	1.92299e-31	Coleoptera	Dytiscidae	Chostonectes sharpi
Nirripiрти tetrameres isolate ABTC78764-5 16S ribo	EU616930	80.89	100	1.92299e-31	Coleoptera	Dytiscidae	Paroster tetrameres
Nirripiрти verrucosus isolate ABTC78682 16S riboso	EU616908	80.89	100	1.92299e-31	Coleoptera	Dytiscidae	Paroster verrucosus
Paroster peelensis voucher ABTC79000-1 16S ribosom	EU371112	80.89	100	1.92299e-31	Coleoptera	Dytiscidae	Paroster peelensis
Darwinhydrus solidus voucher MB354 16S ribosomal R	EF056671	83.85	100	1.92299e-31	Coleoptera	Dytiscidae	Darwinhydrus solidus
Hydroporus vespertinus 16S ribosomal RNA gene, par	AY365291	81.65	100	1.92299e-31	Coleoptera	Dytiscidae	Hydroporus vespertinus
Hydroporus sp. IR23.2 16S ribosomal RNA gene, part	AY365258	80.89	100	1.92299e-31	Coleoptera	Dytiscidae	Hydroporus sp. IR23.2
Hydroporus nigrita 16S ribosomal RNA gene, partial	AF518271	81.65	100	1.92299e-31	Coleoptera	Dytiscidae	Hydroporus nigrita
Hydroporus erythrocephalus 16S ribosomal RNA gene,	AF518261	81.65	100	1.92299e-31	Coleoptera	Dytiscidae	Hydroporus erythrocephalus
Hygrotus impressopunctatus voucher UNM KBMHtim80 1	KJ548334	82.05	97.45	6.7119e-31	Coleoptera	Dytiscidae	Hygrotus impressopunctatus
Paroster gibbi mitochondrial partial 16S rRNA gene	HG940398	81.01	100	2.34268e-30	Coleoptera	Dytiscidae	Paroster gibbi