

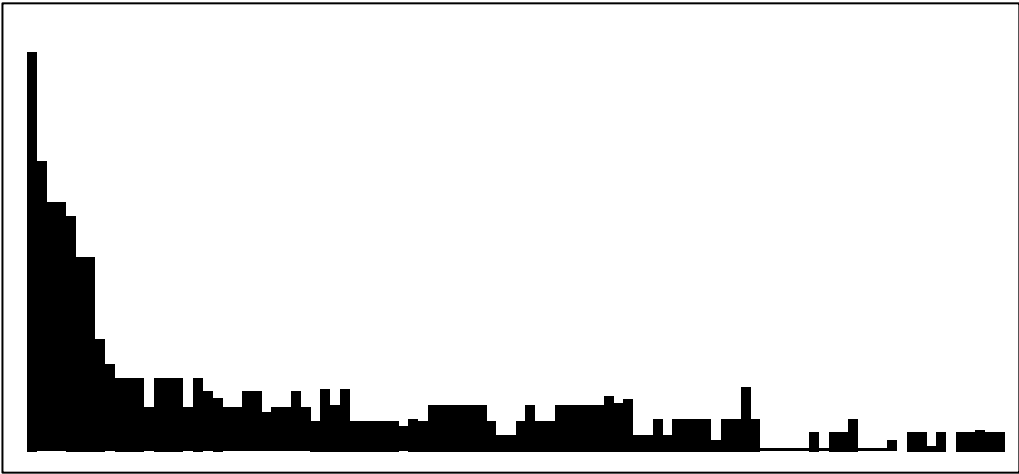
OTU_383.csv

Oreodytes sanmarkii

Dytiscidae

Coleoptera

98.72



Oreodytes sanmarkii mitochondrial 16S rRNA gene (p	HF931524	98.72	99.36	5.49974e-70	Coleoptera	Dytiscidae	Oreodytes sanmarkii
Oreodytes obesus cordillerensis mitochondrial part	HF931516	93.59	99.36	3.96008e-59	Coleoptera	Dytiscidae	Oreodytes obesus cordillerensis
Oreodytes crassulus partial 16S rRNA gene	AJ850348	91.67	99.36	8.72266e-55	Coleoptera	Dytiscidae	Oreodytes crassulus
Oreodytes congruus partial 16S rRNA gene	AJ850347	91.67	99.36	8.72266e-55	Coleoptera	Dytiscidae	Oreodytes congruus
Oreodytes congruus 16S ribosomal RNA gene, partial	KF575550	91.03	99.36	1.06264e-53	Coleoptera	Dytiscidae	Oreodytes congruus
Oreodytes abbreviatus mitochondrial 16S rRNA gene	HF931477	89.1	99.36	2.34061e-49	Coleoptera	Dytiscidae	Oreodytes abbreviatus
Oreodytes rhyacophilus partial 16S rRNA gene	AJ850352	89.1	99.36	2.34061e-49	Coleoptera	Dytiscidae	Oreodytes rhyacophilus
Laccornis difformis 16S ribosomal RNA gene, partia	KF575544	85.26	99.36	3.2535e-41	Coleoptera	Dytiscidae	Laccornis difformis
Hydroporus foveolatus mitochondrial 16S rRNA gene	HE613724	84.08	99.36	2.50129e-36	Coleoptera	Dytiscidae	Hydroporus foveolatus
Suphrodytes dorsalis 16S ribosomal RNA gene, parti	KF575577	83.44	99.36	8.73037e-36	Coleoptera	Dytiscidae	Suphrodytes dorsalis
Suphrodytes dorsalis voucher BMNH:725966 16S ribos	JX221574	83.44	99.36	8.73037e-36	Coleoptera	Dytiscidae	Suphrodytes dorsalis
Stictotarsus maghrebinus 16S ribosomal RNA gene, p	AY250947	83.44	99.36	8.73037e-36	Coleoptera	Dytiscidae	Stictotarsus maghrebinus
Oreodytes quadrimaculatus 16S ribosomal RNA gene,	KF575567	82.05	99.36	1.06358e-34	Coleoptera	Dytiscidae	Oreodytes quadrimaculatus
Hydroporus tessellatus 16S ribosomal RNA gene, par	JX434770	83.44	99.36	1.06358e-34	Coleoptera	Dytiscidae	Hydroporus tessellatus
Hydroporus zimmermanni mitochondrial 16S rRNA gene	HE613679	83.44	99.36	1.06358e-34	Coleoptera	Dytiscidae	Hydroporus zimmermanni
Hydroporus basinotatus mitochondrial 16S rRNA gene	HE613678	83.44	99.36	1.06358e-34	Coleoptera	Dytiscidae	Hydroporus basinotatus
Oreodytes quadrimaculatus partial 16S rRNA gene	AJ850351	82.05	99.36	1.06358e-34	Coleoptera	Dytiscidae	Oreodytes quadrimaculatus
Hydroporus basinotatus 16S ribosomal RNA gene, par	AF518258	83.44	99.36	1.06358e-34	Coleoptera	Dytiscidae	Hydroporus basinotatus
Stictotarsus procerus mitochondrial 16S rRNA gene	HF931379	82.8	99.36	3.71225e-34	Coleoptera	Dytiscidae	Stictotarsus procerus
Hydroporus marginatus mitochondrial 16S rRNA gene	HE613699	82.5	99.36	3.71225e-34	Coleoptera	Dytiscidae	Hydroporus marginatus
Hygrotus novemlineatus mitochondrial partial 16S r	HF931523	82.05	99.36	1.2957e-33	Coleoptera	Dytiscidae	Hygrotus novemlineatus
Suphrodytes figuratus voucher BMNH:722148 16S ribo	JX221571	82.05	99.36	1.2957e-33	Coleoptera	Dytiscidae	Suphrodytes figuratus
Hydroporus analis mitochondrial partial 16S rRNA g	HE613731	82.8	99.36	1.2957e-33	Coleoptera	Dytiscidae	Hydroporus analis
Hydroporus compunctus mitochondrial 16S rRNA gene	HE599693	82.8	99.36	1.2957e-33	Coleoptera	Dytiscidae	Hydroporus compunctus
Antiporus hollingsworthi mitochondrial partial 16S	FR727246	81.82	98.09	1.2957e-33	Coleoptera	Dytiscidae	Antiporus hollingsworthi
Hygrotus turbidus partial 16S rRNA gene	AJ850390	82.05	99.36	1.2957e-33	Coleoptera	Dytiscidae	Hygrotus turbidus
Hydroporus sp. IR33.4 16S ribosomal RNA gene, part	AY365261	82.05	99.36	1.2957e-33	Coleoptera	Dytiscidae	Hydroporus sp. IR33.4
Hydroporus compunctus 16S ribosomal RNA gene, part	AF518259	82.8	99.36	1.2957e-33	Coleoptera	Dytiscidae	Hydroporus compunctus
Hydroporus marginatus 16S ribosomal RNA gene, part	AF518267	82.05	99.36	1.2957e-33	Coleoptera	Dytiscidae	Hydroporus marginatus
Hydaticus cinctipennis voucher UNM KBMHyci20 16S r	KJ548338	81.41	99.36	4.52244e-33	Coleoptera	Dytiscidae	Hydaticus cinctipennis
Hydroporus fuscipennis mitochondrial 16S rRNA gene	HE613730	82.91	99.36	4.52244e-33	Coleoptera	Dytiscidae	Hydroporus fuscipennis
Nirripiрти megamacrocephalus isolate ABTC78781 16S	EU616935	82.17	99.36	4.52244e-33	Coleoptera	Dytiscidae	Paroster megamacrocephalus
Hydroporus fuscipennis 16S ribosomal RNA gene, par	AF518262	82.91	99.36	4.52244e-33	Coleoptera	Dytiscidae	Hydroporus fuscipennis
Hygrotus lutescens mitochondrial partial 16S rRNA	HF931518	81.41	99.36	1.57849e-32	Coleoptera	Dytiscidae	Hygrotus lutescens
Hygrotus fontinalis mitochondrial 16S rRNA gene (p	HF931494	81.41	99.36	1.57849e-32	Coleoptera	Dytiscidae	Hygrotus fontinalis
Hygrotus patruelis mitochondrial 16S rRNA gene (pa	HF931388	81.41	99.36	1.57849e-32	Coleoptera	Dytiscidae	Hygrotus patruelis
Suphrodytes figuratus voucher BMNH:722150 16S ribo	JX221572	81.41	99.36	1.57849e-32	Coleoptera	Dytiscidae	Suphrodytes figuratus
Suphrodytes dorsalis mitochondrial 16S rRNA gene (	HE599700	81.41	99.36	1.57849e-32	Coleoptera	Dytiscidae	Suphrodytes dorsalis
Antiporus hollingsworthi mitochondrial partial 16S	FR727247	81.17	98.09	1.57849e-32	Coleoptera	Dytiscidae	Antiporus hollingsworthi
Herophydrus rohani voucher UNM KBMHpsp574 16S ribo	KJ548382	81.53	99.36	5.50946e-32	Coleoptera	Dytiscidae	Herophydrus rohani
Hydroporus appalachius 16S ribosomal RNA gene, par	JX434765	81.41	99.36	5.50946e-32	Coleoptera	Dytiscidae	Hydroporus appalachius
Hydroporus foveolatus mitochondrial 16S rRNA gene	HF931502	82.17	99.36	5.50946e-32	Coleoptera	Dytiscidae	Hydroporus foveolatus
Hydroporus discretus mitochondrial 16S rRNA gene (	HE613723	82.17	99.36	5.50946e-32	Coleoptera	Dytiscidae	Hydroporus discretus
Hydroporus decipiens mitochondrial 16S rRNA gene (	HE613722	82.17	99.36	5.50946e-32	Coleoptera	Dytiscidae	Hydroporus decipiens
Hydroporus pubescens mitochondrial 16S rRNA gene (	HE613707	82.17	99.36	5.50946e-32	Coleoptera	Dytiscidae	Hydroporus pubescens
Hydroporus limbatus mitochondrial 16S rRNA gene (p	HE613706	82.17	99.36	5.50946e-32	Coleoptera	Dytiscidae	Hydroporus limbatus
Hydroporus errans mitochondrial 16S rRNA gene (par	HE613704	82.17	99.36	5.50946e-32	Coleoptera	Dytiscidae	Hydroporus errans
Hydroporus pervicinus mitochondrial 16S rRNA gene	HE599695	81.41	99.36	5.50946e-32	Coleoptera	Dytiscidae	Hydroporus pervicinus
Antiporus interrogationis mitochondrial partial 16	FR727252	80.77	99.36	5.50946e-32	Coleoptera	Dytiscidae	Antiporus interrogationis
Antiporus sp. MB1421 mitochondrial partial 16S rRN	FR727245	80.77	99.36	5.50946e-32	Coleoptera	Dytiscidae	Antiporus sp. MB1421
Nirripiрти newhavenensis 16S ribosomal RNA gene, p	AY353844	81.41	99.36	5.50946e-32	Coleoptera	Dytiscidae	Paroster newhavenensis
Hydroporus pubescens voucher NHM-IR39 16S ribosoma	EF419327	82.17	99.36	5.50946e-32	Coleoptera	Dytiscidae	Hydroporus pubescens
Hydroporus occidentalis 16S ribosomal RNA gene, pa	AY365280	81.41	99.36	5.50946e-32	Coleoptera	Dytiscidae	Hydroporus occidentalis
Hydroporus hirtellus 16S ribosomal RNA gene, parti	AY365271	81.41	99.36	5.50946e-32	Coleoptera	Dytiscidae	Hydroporus hirtellus
Hydroporus rufifrons 16S ribosomal RNA gene, parti	AF518277	82.17	99.36	5.50946e-32	Coleoptera	Dytiscidae	Hydroporus rufifrons
Hydroporus pubescens 16S ribosomal RNA gene, parti	AF518276	82.17	99.36	5.50946e-32	Coleoptera	Dytiscidae	Hydroporus pubescens
Hydroporus limbatus 16S ribosomal RNA gene, partia	AF518264	82.17	99.36	5.50946e-32	Coleoptera	Dytiscidae	Hydroporus limbatus
Hydroporus discretus 16S ribosomal RNA gene, parti	AF518260	82.17	99.36	5.50946e-32	Coleoptera	Dytiscidae	Hydroporus discretus
Hydroporus analis 16S ribosomal RNA gene, partial	AF518257	82.17	99.36	5.50946e-32	Coleoptera	Dytiscidae	Hydroporus analis
Hygrotus impressopunctatus voucher UNM KBMHtim80 1	KJ548334	82.58	96.82	1.92299e-31	Coleoptera	Dytiscidae	Hygrotus impressopunctatus
Hygrotus armeniacus mitochondrial partial 16S rRNA	HF931520	82.28	99.36	1.92299e-31	Coleoptera	Dytiscidae	Hygrotus armeniacus
Hygrotus impressopunctatus partial 16S rRNA gene	AJ850405	82.47	96.82	1.92299e-31	Coleoptera	Dytiscidae	Hygrotus impressopunctatus
Agabus didymus mitochondrial 16S rRNA gene (partia	LM654773	80.77	99.36	6.7119e-31	Coleoptera	Dytiscidae	Agabus didymus
Agabus didymus voucher UNM KBMPmsp730 16S ribosoma	KJ548392	80.77	99.36	6.7119e-31	Coleoptera	Dytiscidae	Agabus didymus
Herophydrus inquinatus 16S ribosomal RNA gene, par	KF575572	81.53	99.36	6.7119e-31	Coleoptera	Dytiscidae	Herophydrus inquinatus
Hydaticus aruspex voucher NHRS/JLKB000000298 16S r	KF979119	80.77	99.36	6.7119e-31	Coleoptera	Dytiscidae	Hydaticus aruspex
Hydroporus rufifrons 16S ribosomal RNA gene, parti	JX434758	81.53	99.36	6.7119e-31	Coleoptera	Dytiscidae	Hydroporus rufifrons
Hydroporus discretus mitochondrial 16S rRNA gene (	HF931449	81.53	99.36	6.7119e-31	Coleoptera	Dytiscidae	Hydroporus discretus
Hydroporus thracicus mitochondrial 16S rRNA gene (	HF931413	81.53	99.36	6.7119e-31	Coleoptera	Dytiscidae	Hydroporus thracicus
Hydroporus macedonicus mitochondrial 16S rRNA gene	HE613690	81.53	99.36	6.7119e-31	Coleoptera	Dytiscidae	Hydroporus macedonicus
Antiporus wilsoni mitochondrial partial 16S rRNA g	FR727249	80.52	98.09	6.7119e-31	Coleoptera	Dytiscidae	Antiporus wilsoni
Herophydrus cf. gigas BMNH 681835 partial 16S rRNA	AJ850383	81.53	99.36	6.7119e-31	Coleoptera	Dytiscidae	Herophydrus cf. gigas BMNH 681835
Herophydrus inquinatus voucher MB1227 16S ribosoma	EF056676	81.53	99.36	6.7119e-31	Coleoptera	Dytiscidae	Herophydrus inquinatus
Darwinhydrus solidus voucher MB354 16S ribosomal R	EF056671	83.02	99.36	6.7119e-31	Coleoptera	Dytiscidae	Darwinhydrus solidus
Hydroporus macedonicus 16S ribosomal RNA gene, par	DQ195529	81.53	99.36	6.7119e-31	Coleoptera	Dytiscidae	Hydroporus macedonicus
Agabus glacialis mitochondrial 16S rRNA gene (part	LM654776	80.13	99.36	2.34268e-30	Coleoptera	Dytiscidae	Agabus glacialis
Hydaticus aruspex voucher UNM KBMHyar68 16S riboso	KJ548337	80.13	99.36	2.34268e-30	Coleoptera	Dytiscidae	Hydaticus aruspex
Cybister marginicollis voucher UNM KBMCyma416 16S	KJ548319	80.13	99.36	2.34268e-30	Coleoptera	Dytiscidae	Cybister marginicollis
Agabus dichrous mitochondrial partial 16S rRNA gen	HF931378	80.13	99.36	2.34268e-30	Coleoptera	Dytiscidae	Agabus dichrous
Agabus godmanni mitochondrial 16S rRNA gene (parti	HF931348	80.13	99.36	2.34268e-30	Coleoptera	Dytiscidae	Agabus godmanni
Paroster sp. R401 Newhaven voucher ABTC:78974 16S	JQ745754	80.89	99.36	2.34268e-30	Coleoptera	Dytiscidae	Paroster sp. R401 Newhaven
Antiporus interrogationis mitochondrial partial 16	FR727250	80.13	99.36	2.34268e-30	Coleoptera	Dytiscidae	Antiporus interrogationis
Paroster sp. 2 RL-2008 16S ribosomal RNA gene, par	EU616958	80.89	99.36	2.34268e-30	Coleoptera	Dytiscidae	Paroster sp. 2 RL-2008
Paroster sp. spnMtWedge 16S ribosomal RNA gene, pa	EU616954	80.89	99.36	2.34268e-30	Coleoptera	Dytiscidae	Paroster sp. spnMtWedge
Nirripiрти bulbos isolate ABTC78658-9 16S ribosoma	EU616918	81.53	99.36	2.34268e-30	Coleoptera	Dytiscidae	Paroster bulbos
Aglymbus gestroi 16S ribosomal RNA gene, partial s	AY138639	80.13	99.36	2.34268e-30	Coleoptera	Dytiscidae	Aglymbus gestroi
Agabus dilatatus 16S ribosomal RNA gene, partial s	AY039261	80.13	99.36	2.34268e-30	Coleoptera	Dytiscidae	Agabus dilatatus
Hydroporus submuticus 16S ribosomal RNA gene, part	JX434777	80.13	99.36	8.17677e-30	Coleoptera	Dytiscidae	Hydroporus submuticus
Acilius duvergeri partial 16S rRNA gene	AJ850357	80.5	99.36	8.17677e-30	Coleoptera	Dytiscidae	Acilius duvergeri
Agabus nebulosus mitochondrial 16S rRNA gene (part	LM654779	79.49	99.36	2.85397e-29	Coleoptera	Dytiscidae	Agabus nebulosus
Hydroporus erythrocephalus 16S ribosomal RNA gene,	JX434775	80.89	99.36	2.85397e-29	Coleoptera	Dytiscidae	Hydroporus erythrocephalus
Hydroporus nigrita 16S ribosomal RNA gene, partial	JX434769	80.89	99.36	2.85397e-29	Coleoptera	Dytiscidae	Hydroporus nigrita
Hygrotus picatus mitochondrial partial 16S rRNA ge	HF931517	80.25	99.36	2.85397e-29	Coleoptera	Dytiscidae	Hygrotus picatus
Hygrotus urgensis mitochondrial 16S rRNA gene (par	HF931486	80.89	99.36	2.85397e-29	Coleoptera	Dytiscidae	Hygrotus urgensis
Agabus cephalotes mitochondrial 16S rRNA gene (par	HF931380	79.49	99.36	2.85397e-29	Coleoptera	Dytiscidae	Agabus cephalotes
Hydroporus nigrita mitochondrial 16S rRNA gene (pa	HE613725	80.89	99.36	2.85397e-29	Coleoptera	Dytiscidae	Hydroporus nigrita
Hydroporus sabaudus mitochondrial 16S rRNA gene (p	HE613720	80.89	99.36	2.85397e-29	Coleoptera	Dytiscidae	Hydroporus sabaudus
Hydroporus kabakovi mitochondrial 16S rRNA gene (p	HE613714	81.01	99.36	2.85397e-29	Coleoptera	Dytiscidae	Hydroporus kabakovi
Hydroporus discretus mitochondrial 16S rRNA gene (	HE613709	80.89	99.36	2.85397e-29	Coleoptera	Dytiscidae	Hydroporus discretus
Hydroporus brancuccii mitochondrial 16S rRNA gene	HE613696	80.89	99.36	2.85397e-29	Coleoptera	Dytiscidae	Hydroporus brancuccii