

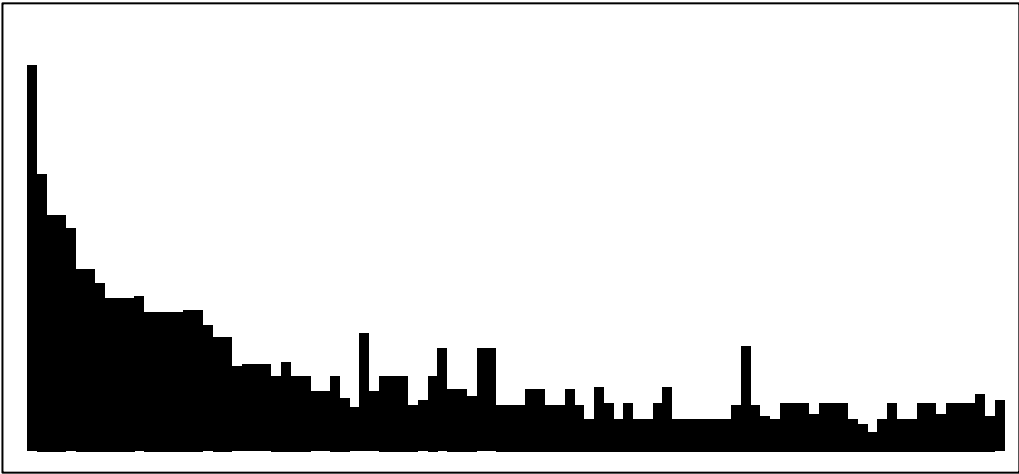
OTU_611.csv

Oreodytes sanmarkii

Dytiscidae

Coleoptera

98.09



Oreodytes sanmarkii mitochondrial 16S rRNA gene (p	HF931524	98.09	100	8.13709e-68	Coleoptera	Dytiscidae	Oreodytes sanmarkii
Oreodytes obesus cordillerensis mitochondrial part	HF931516	92.99	100	5.85911e-57	Coleoptera	Dytiscidae	Oreodytes obesus cordillerensis
Oreodytes crassulus partial 16S rRNA gene	AJ850348	91.08	100	3.6975e-53	Coleoptera	Dytiscidae	Oreodytes crassulus
Oreodytes congruus partial 16S rRNA gene	AJ850347	91.08	100	3.6975e-53	Coleoptera	Dytiscidae	Oreodytes congruus
Oreodytes congruus 16S ribosomal RNA gene, partial	KF575550	90.45	100	1.57222e-51	Coleoptera	Dytiscidae	Oreodytes congruus
Oreodytes abbreviatus mitochondrial 16S rRNA gene	HF931477	88.54	100	9.92177e-48	Coleoptera	Dytiscidae	Oreodytes abbreviatus
Oreodytes rhyacophilus partial 16S rRNA gene	AJ850352	88.54	100	9.92177e-48	Coleoptera	Dytiscidae	Oreodytes rhyacophilus
Oreodytes mongolicus mitochondrial 16S rRNA gene (	HF931491	87.9	100	4.21884e-46	Coleoptera	Dytiscidae	Oreodytes mongolicus
Boreonectes riberae mitochondrial 16S rRNA gene (p	HF931461	87.18	100	1.47252e-45	Coleoptera	Dytiscidae	Boreonectes riberae
Boreonectes griseostriatus mitochondrial partial 1	HF931387	87.18	100	1.47252e-45	Coleoptera	Dytiscidae	Boreonectes griseostriatus
Boreonectes multilineatus mitochondrial partial 16	HF931384	87.18	100	1.47252e-45	Coleoptera	Dytiscidae	Boreonectes multilineatus
Oreodytes snoqualmie mitochondrial partial 16S rRN	HF931519	87.26	100	5.1396e-45	Coleoptera	Dytiscidae	Oreodytes snoqualmie
Boreonectes alpestris mitochondrial 16S rRNA gene	HF931512	86.54	100	6.26132e-44	Coleoptera	Dytiscidae	Boreonectes alpestris
Boreonectes striatellus mitochondrial 16S rRNA gen	HF931511	86.54	100	6.26132e-44	Coleoptera	Dytiscidae	Boreonectes striatellus
Boreonectes macedonicus mitochondrial 16S rRNA gen	HF931359	86.54	100	6.26132e-44	Coleoptera	Dytiscidae	Boreonectes macedonicus
Stictotarsus ibericus 16S ribosomal RNA (rrnL) gen	EF670030	86.54	100	6.26132e-44	Coleoptera	Dytiscidae	Stictotarsus ibericus
Oreodytes septentrionalis mitochondrial 16S rRNA g	HF931492	86.62	100	2.18542e-43	Coleoptera	Dytiscidae	Oreodytes septentrionalis
Oreodytes shorti mitochondrial 16S rRNA gene (part	HF931488	86.62	100	2.18542e-43	Coleoptera	Dytiscidae	Oreodytes shorti
Boreonectes griseostriatus mitochondrial 16S rRNA	HF931541	85.9	100	7.62785e-43	Coleoptera	Dytiscidae	Boreonectes griseostriatus
Laccornis difformis 16S ribosomal RNA gene, partia	KF575544	85.35	100	1.13207e-40	Coleoptera	Dytiscidae	Laccornis difformis
Deronectes parvicollis mitochondrial 16S rRNA gene	HF931454	85.35	100	1.13207e-40	Coleoptera	Dytiscidae	Deronectes parvicollis
Boreonectes griseostriatus mitochondrial 16S rRNA	HF931385	83.97	100	1.68015e-38	Coleoptera	Dytiscidae	Boreonectes griseostriatus
Oreodytes scitulus 16S ribosomal RNA gene, partial	KF575551	84.08	100	5.86428e-38	Coleoptera	Dytiscidae	Oreodytes scitulus
Oreodytes scitulus mitochondrial partial 16S rRNA	HF931515	84.08	100	5.86428e-38	Coleoptera	Dytiscidae	Oreodytes scitulus
Laccornis kocae partial 16S rRNA gene	AJ850419	84.08	100	5.86428e-38	Coleoptera	Dytiscidae	Laccornis kocae
Nebrioporus formaster mitochondrial partial 16S rR	HF931377	83.54	100	2.49356e-36	Coleoptera	Dytiscidae	Nebrioporus formaster
Hydroporus foveolatus mitochondrial 16S rRNA gene	HE613724	84.18	100	8.70337e-36	Coleoptera	Dytiscidae	Hydroporus foveolatus
Suphrodytes dorsalis 16S ribosomal RNA gene, parti	KF575577	83.54	100	3.03777e-35	Coleoptera	Dytiscidae	Suphrodytes dorsalis
Suphrodytes dorsalis voucher BMNH:725966 16S ribos	JX221574	83.54	100	3.03777e-35	Coleoptera	Dytiscidae	Suphrodytes dorsalis
Stictotarsus falli 16S ribosomal RNA (rrnL) gene,	EF670029	82.8	100	3.03777e-35	Coleoptera	Dytiscidae	Stictotarsus falli
Oreodytes natrix partial 16S rRNA gene	AJ850349	82.8	100	3.03777e-35	Coleoptera	Dytiscidae	Oreodytes natrix
Stictotarsus maghrebinus 16S ribosomal RNA gene, p	AY250947	83.54	100	3.03777e-35	Coleoptera	Dytiscidae	Stictotarsus maghrebinus
Aethionectes fulvonotatus voucher KBMAeop406 16S r	KF979088	82.5	100	1.06029e-34	Coleoptera	Dytiscidae	Aethionectes fulvonotatus
Boreonectes funereus mitochondrial 16S rRNA gene (	HF931393	82.05	100	1.06029e-34	Coleoptera	Dytiscidae	Boreonectes funereus
Deronectes moestus mitochondrial 16S rRNA gene (pa	HE613726	85.52	91.67	1.06029e-34	Coleoptera	Dytiscidae	Deronectes moestus
Hydroporus glabriusculus 16S ribosomal RNA gene, p	AY365270	82.8	100	1.06029e-34	Coleoptera	Dytiscidae	Hydroporus glabriusculus
Hydroporus tessellatus 16S ribosomal RNA gene, par	JX434770	83.54	100	3.70077e-34	Coleoptera	Dytiscidae	Hydroporus tessellatus
Hydroporus zimmermanni mitochondrial 16S rRNA gene	HE613679	83.54	100	3.70077e-34	Coleoptera	Dytiscidae	Hydroporus zimmermanni
Hydroporus basinotatus mitochondrial 16S rRNA gene	HE613678	83.54	100	3.70077e-34	Coleoptera	Dytiscidae	Hydroporus basinotatus
Copelatus sp. BI-2011 voucher BMNH792945 16S ribos	HQ381441	82.17	100	3.70077e-34	Coleoptera	Dytiscidae	Copelatus sp. BI-2011
Scarodytes sp. IR-2003 16S ribosomal RNA gene, par	AY250939	82.39	100	3.70077e-34	Coleoptera	Dytiscidae	Scarodytes sp. IR-2003
Hydroporus basinotatus 16S ribosomal RNA gene, par	AF518258	83.54	100	3.70077e-34	Coleoptera	Dytiscidae	Hydroporus basinotatus
Deronectes moestus 16S ribosomal RNA gene, partial	KF575561	84.83	91.67	1.29169e-33	Coleoptera	Dytiscidae	Deronectes moestus
Stictotarsus procerus mitochondrial 16S rRNA gene	HF931379	82.91	100	1.29169e-33	Coleoptera	Dytiscidae	Stictotarsus procerus
Deronectes opatrinus mitochondrial 16S rRNA gene (	HE613701	82.91	100	1.29169e-33	Coleoptera	Dytiscidae	Deronectes opatrinus
Hydroporus marginatus mitochondrial 16S rRNA gene	HE613699	82.61	100	1.29169e-33	Coleoptera	Dytiscidae	Hydroporus marginatus
Deronectes brannani mitochondrial 16S rRNA gene (p	HE613695	84.83	91.67	1.29169e-33	Coleoptera	Dytiscidae	Deronectes brannanii
Deronectes moestus mitochondrial 16S rRNA gene (pa	HE613683	84.83	91.67	1.29169e-33	Coleoptera	Dytiscidae	Deronectes moestus
Hygrotus novemlineatus mitochondrial partial 16S r	HF931523	82.17	100	4.50846e-33	Coleoptera	Dytiscidae	Hygrotus novemlineatus
Hygrotus marklini mitochondrial 16S rRNA gene (par	HF931467	82.17	100	4.50846e-33	Coleoptera	Dytiscidae	Hygrotus marklini
Suphrodytes figuratus voucher BMNH:722148 16S ribo	JX221571	82.17	100	4.50846e-33	Coleoptera	Dytiscidae	Suphrodytes figuratus
Hydroporus analis mitochondrial partial 16S rRNA g	HE613731	82.91	100	4.50846e-33	Coleoptera	Dytiscidae	Hydroporus analis
Hydroporus compunctus mitochondrial 16S rRNA gene	HE599693	82.91	100	4.50846e-33	Coleoptera	Dytiscidae	Hydroporus compunctus
Hygrotus turbidus partial 16S rRNA gene	AJ850390	82.17	100	4.50846e-33	Coleoptera	Dytiscidae	Hygrotus turbidus
Hydroporus sp. IR33.4 16S ribosomal RNA gene, part	AY365261	82.17	100	4.50846e-33	Coleoptera	Dytiscidae	Hydroporus sp. IR33.4
Hydroporus compunctus 16S ribosomal RNA gene, part	AF518259	82.91	100	4.50846e-33	Coleoptera	Dytiscidae	Hydroporus compunctus
Hydroporus marginatus 16S ribosomal RNA gene, part	AF518267	82.17	100	4.50846e-33	Coleoptera	Dytiscidae	Hydroporus marginatus
Oreodytes quadrimaculatus 16S ribosomal RNA gene,	KF575567	81.53	100	1.57361e-32	Coleoptera	Dytiscidae	Oreodytes quadrimaculatus
Hydroporus fuscipennis mitochondrial 16S rRNA gene	HE613730	83.02	100	1.57361e-32	Coleoptera	Dytiscidae	Hydroporus fuscipennis
Deronectes doriae mitochondrial 16S rRNA gene (par	HE613710	82.28	100	1.57361e-32	Coleoptera	Dytiscidae	Deronectes doriae
Deronectes bicostatus mitochondrial 16S rRNA gene	HE613705	81.53	100	1.57361e-32	Coleoptera	Dytiscidae	Deronectes bicostatus
Deronectes sahlbergi mitochondrial 16S rRNA gene (	HE613680	82.28	100	1.57361e-32	Coleoptera	Dytiscidae	Deronectes sahlbergi
Copelatus sp. BI-2011 voucher BMNH671215 16S ribos	HQ381377	81.53	100	1.57361e-32	Coleoptera	Dytiscidae	Copelatus sp. BI-2011
Oreodytes quadrimaculatus partial 16S rRNA gene	AJ850351	81.53	100	1.57361e-32	Coleoptera	Dytiscidae	Oreodytes quadrimaculatus
Nirripiirti megamacrocephalus isolate ABTC78781 16S	EU616935	82.28	100	1.57361e-32	Coleoptera	Dytiscidae	Paroster megamacrocephalus
Hydroporus fuscipennis 16S ribosomal RNA gene, par	AF518262	83.02	100	1.57361e-32	Coleoptera	Dytiscidae	Hydroporus fuscipennis
Hygrotus lutescens mitochondrial partial 16S rRNA	HF931518	81.53	100	5.49242e-32	Coleoptera	Dytiscidae	Hygrotus lutescens
Hygrotus fontinalis mitochondrial 16S rRNA gene (p	HF931494	81.53	100	5.49242e-32	Coleoptera	Dytiscidae	Hygrotus fontinalis
Hygrotus patruelis mitochondrial 16S rRNA gene (pa	HF931388	81.53	100	5.49242e-32	Coleoptera	Dytiscidae	Hygrotus patruelis
Hydroporus brancoi gredensis mitochondrial partial	HF931329	81.53	100	5.49242e-32	Coleoptera	Dytiscidae	Hydroporus brancoi gredensis
Suphrodytes figuratus voucher BMNH:722150 16S ribo	JX221572	81.53	100	5.49242e-32	Coleoptera	Dytiscidae	Suphrodytes figuratus
Suphrodytes dorsalis mitochondrial 16S rRNA gene (	HE599700	81.53	100	5.49242e-32	Coleoptera	Dytiscidae	Suphrodytes dorsalis
Hydrocolus sahlbergi mitochondrial 16S rRNA gene (	HE599691	82.17	100	5.49242e-32	Coleoptera	Dytiscidae	Hydrocolus sahlbergi
Hovahydrus sp. BI-2011 voucher BMNH831333 16S ribo	HQ381524	84.93	91.67	5.49242e-32	Coleoptera	Dytiscidae	Hovahydrus sp. BI-2011
Hydrocolus picicornis partial 16S rRNA gene	AJ850379	82.17	100	5.49242e-32	Coleoptera	Dytiscidae	Hydrocolus picicornis
Scarodytes halensis haplotype 3 16S ribosomal RNA	AY250937	81.65	100	5.49242e-32	Coleoptera	Dytiscidae	Scarodytes halensis
Hydroporus appalachius 16S ribosomal RNA gene, par	JX434765	81.53	100	1.91704e-31	Coleoptera	Dytiscidae	Hydroporus appalachius
Hydroporus foveolatus mitochondrial 16S rRNA gene	HF931502	82.28	100	1.91704e-31	Coleoptera	Dytiscidae	Hydroporus foveolatus
Hydroporus discretus mitochondrial 16S rRNA gene (	HE613723	82.28	100	1.91704e-31	Coleoptera	Dytiscidae	Hydroporus discretus
Hydroporus decipiens mitochondrial 16S rRNA gene (	HE613722	82.28	100	1.91704e-31	Coleoptera	Dytiscidae	Hydroporus decipiens
Hydroporus planus mitochondrial 16S rRNA gene (par	HE613708	81.76	100	1.91704e-31	Coleoptera	Dytiscidae	Hydroporus planus
Hydroporus pubescens mitochondrial 16S rRNA gene (	HE613707	82.28	100	1.91704e-31	Coleoptera	Dytiscidae	Hydroporus pubescens
Hydroporus limbatus mitochondrial 16S rRNA gene (p	HE613706	82.28	100	1.91704e-31	Coleoptera	Dytiscidae	Hydroporus limbatus
Hydroporus errans mitochondrial 16S rRNA gene (par	HE613704	82.28	100	1.91704e-31	Coleoptera	Dytiscidae	Hydroporus errans
Hydroporus pervicinus mitochondrial 16S rRNA gene	HE599695	81.53	100	1.91704e-31	Coleoptera	Dytiscidae	Hydroporus pervicinus
Antiporus hollingsworthi mitochondrial partial 16S	FR727246	81.29	98.72	1.91704e-31	Coleoptera	Dytiscidae	Antiporus hollingsworthi
Nirripiirti byroensis isolate ABTC78677-8 16S ribos	EU616910	80.89	100	1.91704e-31	Coleoptera	Dytiscidae	Paroster byroensis
Nirripiirti newhavenensis 16S ribosomal RNA gene, p	AY353844	81.53	100	1.91704e-31	Coleoptera	Dytiscidae	Paroster newhavenensis
Hydroporus pubescens voucher NHM-IR39 16S ribosoma	EF419327	82.28	100	1.91704e-31	Coleoptera	Dytiscidae	Hydroporus pubescens
Hydroporus occidentalis 16S ribosomal RNA gene, pa	AY365280	81.53	100	1.91704e-31	Coleoptera	Dytiscidae	Hydroporus occidentalis
Hydroporus hirtellus 16S ribosomal RNA gene, parti	AY365271	81.53	100	1.91704e-31	Coleoptera	Dytiscidae	Hydroporus hirtellus
Hydroporus rufifrons 16S ribosomal RNA gene, parti	AF518277	82.28	100	1.91704e-31	Coleoptera	Dytiscidae	Hydroporus rufifrons
Hydroporus pubescens 16S ribosomal RNA gene, parti	AF518276	82.28	100	1.91704e-31	Coleoptera	Dytiscidae	Hydroporus pubescens
Hydroporus planus 16S ribosomal RNA gene, partial	AF518275	81.76	100	1.91704e-31	Coleoptera	Dytiscidae	Hydroporus planus
Hydroporus limbatus 16S ribosomal RNA gene, partia	AF518264	82.28	100	1.91704e-31	Coleoptera	Dytiscidae	Hydroporus limbatus
Hydroporus discretus 16S ribosomal RNA gene, parti	AF518260	82.28	100	1.91704e-31	Coleoptera	Dytiscidae	Hydroporus discretus
Hydroporus analis 16S ribosomal RNA gene, partial	AF518257	82.28	100	1.91704e-31	Coleoptera	Dytiscidae	Hydroporus analis
Hygrotus impressopunctatus voucher UNM KBMHtim80 1	KJ548334	82.69	97.44	6.69114e-31	Coleoptera	Dytiscidae	Hygrotus impressopunctatus
Deronectes aubei voucher UNM KBMDeau758 16S riboso	KJ548292	81.65	100	6.69114e-31	Coleoptera	Dytiscidae	Deronectes aubei
Hygrotus armeniacus mitochondrial partial 16S rRNA	HF931520	82.39	100	6.69114e-31	Coleoptera	Dytiscidae	Hygrotus armeniacus