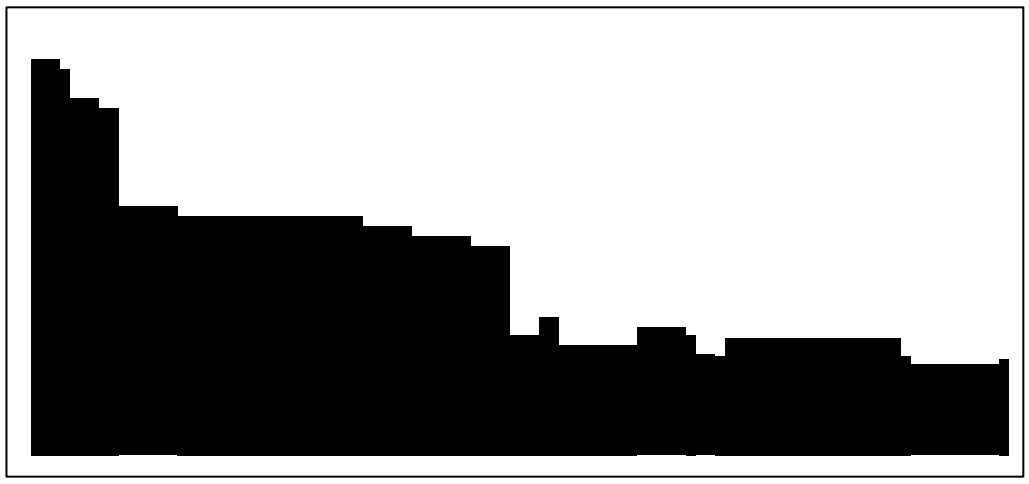
OTU_4070;size=1155;.csv

Stylodrilus heringianus

Lumbriculidae

Lumbriculida

98.57



Stylodrilus heringianus voucher CE3866 cytochrome	JX993859	98.57	96.77	1.97177e−97	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus voucher CE3977 cytochrome	JX993856	98.57	96.77	1.97177e−97	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus voucher CE9858 cytochrome	JX993850	98.57	96.77	1.97177e−97	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus voucher CE1709 cytochrome	JX993857	98.1	96.77	2.4021e−96	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus mitochondrial partial COI	LT598636	96.76	99.54	2.92636e−95	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus mitochondrial partial COI	LN810274	96.76	99.54	2.92636e−95	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus voucher CE4998 cytochrome	JX993864	96.76	99.54	2.92636e−95	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus voucher CE828 cytochrome o	JX993863	96.3	99.54	3.56504e−94	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus voucher CE1647 cytochrome	JX993861	96.3	99.54	3.56504e−94	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus mitochondrial partial COI	LN810282	91.67	99.54	1.32974e−80	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus mitochondrial partial COI	LN810281	91.67	99.54	1.32974e−80	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus mitochondrial partial COI	LN810280	91.67	99.54	1.32974e−80	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus mitochondrial partial COI	LN810279	91.67	99.54	1.32974e−80	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus mitochondrial partial COI	LN810278	91.67	99.54	1.32974e−80	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus mitochondrial partial COI	LN810275	91.67	99.54	1.32974e−80	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus mitochondrial partial COI	LT598631	91.2	99.54	5.6542e−79	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus mitochondrial partial COI	LT598630	91.2	99.54	5.6542e−79	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus mitochondrial partial COI	LT598629	91.2	99.54	5.6542e−79	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus mitochondrial partial COI	LT598621	91.2	99.54	5.6542e−79	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus mitochondrial partial COI	LT598620	91.2	99.54	5.6542e−79	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus mitochondrial partial COI	LT598619	91.2	99.54	5.6542e−79	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus mitochondrial partial COI	LT598614	91.2	99.54	5.6542e−79	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus mitochondrial partial COI	LT598613	91.2	99.54	5.6542e−79	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus mitochondrial partial COI	LT598612	91.2	99.54	5.6542e−79	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus mitochondrial partial COI	LT598611	91.2	99.54	5.6542e−79	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus mitochondrial partial COI	LN810292	91.2	99.54	5.6542e−79	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus mitochondrial partial COI	LN810291	91.2	99.54	5.6542e−79	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus mitochondrial partial COI	LN810290	91.2	99.54	5.6542e−79	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus mitochondrial partial COI	LN810288	91.2	99.54	5.6542e−79	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus mitochondrial partial COI	LN810287	91.2	99.54	5.6542e−79	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus mitochondrial partial COI	LN810286	91.2	99.54	5.6542e−79	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus mitochondrial partial COI	LN810277	91.2	99.54	5.6542e−79	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus mitochondrial partial COI	LN810276	91.2	99.54	5.6542e−79	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus voucher CE644 cytochrome o	JX993898	91.2	99.54	5.6542e−79	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus voucher CE1039 cytochrome	JX993897	90.74	99.54	6.88822e−78	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus voucher CE2993 cytochrome	JX993896	90.74	99.54	6.88822e−78	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus voucher CE2995 cytochrome	JX993894	90.74	99.54	6.88822e−78	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus voucher CE9768 cytochrome	JX993893	90.74	99.54	6.88822e−78	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus voucher CE3441 cytochrome	JX993891	90.74	99.54	6.88822e−78	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus voucher CE10535 cytochrome	JX993888	90.28	99.54	2.92895e−76	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus voucher CE2014 cytochrome	JX993877	90.28	99.54	2.92895e−76	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus voucher CE4274 cytochrome	JX993870	90.28	99.54	2.92895e−76	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus voucher CE653 cytochrome o	JX993867	90.28	99.54	2.92895e−76	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus voucher CE4090 cytochrome	JX993866	90.28	99.54	2.92895e−76	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus voucher CE2018 cytochrome	JX993871	90.28	99.54	2.92895e−76	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus voucher CE6028 cytochrome	JX993887	89.81	99.54	1.0223e−75	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus voucher AA3 cytochrome oxi	JX993890	89.81	99.54	3.56819e−75	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus voucher CE10977 cytochrome	JX993889	89.81	99.54	3.56819e−75	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Stylodrilus heringianus isolate CE285 cytochrome o	FJ639309	89.81	99.54	3.56819e−75	Lumbriculida	Lumbriculidae	Stylodrilus heringianus
Rhinodrilus alatus haplotype Hap20 cytochrome oxid	HM535987	85.65	99.54	1.09248e−62	Haplotaxida	Glossoscolecidae	Rhinodrilus alatus
Rhinodrilus alatus haplotype Hap19 cytochrome oxid	HM535986	85.65	99.54	1.09248e−62	Haplotaxida	Glossoscolecidae	Rhinodrilus alatus
Rhinodrilus alatus haplotype Hap18 cytochrome oxid	HM535985	85.65	99.54	1.09248e−62	Haplotaxida	Glossoscolecidae	Rhinodrilus alatus
Rhinodrilus alatus haplotype Hap21 cytochrome oxid	HM535988	86.47	95.39	3.81313e−62	Haplotaxida	Glossoscolecidae	Rhinodrilus alatus
Rhinodrilus alatus haplotype Hap4 cytochrome oxida	HM535971	86.47	95.39	3.81313e−62	Haplotaxida	Glossoscolecidae	Rhinodrilus alatus
Aporrectodea rosea isolate RPEP4 cytochrome c oxid	KF441941	85.19	99.54	1.33091e−61	Haplotaxida	Lumbricidae	Aporrectodea rosea
Aporrectodea rosea isolate RPEP3 cytochrome c oxid	KF441940	85.19	99.54	1.33091e−61	Haplotaxida	Lumbricidae	Aporrectodea rosea
Aporrectodea rosea isolate RPEP2 cytochrome c oxid	KF441939	85.19	99.54	1.33091e−61	Haplotaxida	Lumbricidae	Aporrectodea rosea
Rhinodrilus alatus haplotype Hap45 cytochrome oxid	HM536012	85.19	99.54	1.33091e−61	Haplotaxida	Glossoscolecidae	Rhinodrilus alatus
Rhinodrilus alatus haplotype Hap27 cytochrome oxid	HM535994	85.19	99.54	1.33091e−61	Haplotaxida	Glossoscolecidae	Rhinodrilus alatus
Lumbricidae sp. DPEW48094 voucher EW−SJ−670 cytoch	GU014018	85.19	99.54	1.33091e−61	Haplotaxida	Lumbricidae	Lumbricidae sp. DPEW48094
Lumbricidae sp. DPEW48094 voucher EW−SJ−669 cytoch	GU014017	85.19	99.54	1.33091e−61	Haplotaxida	Lumbricidae	Lumbricidae sp. DPEW48094
Lumbricidae sp. DPEW48094 voucher EW−SJ−668 cytoch	GU014016	85.19	99.54	1.33091e−61	Haplotaxida	Lumbricidae	Lumbricidae sp. DPEW48094
Rhinodrilus alatus haplotype Hap44 cytochrome oxid	HM536011	85.99	95.39	1.62139e−60	Haplotaxida	Glossoscolecidae	Rhinodrilus alatus
Rhinodrilus alatus haplotype Hap43 cytochrome oxid	HM536010	85.99	95.39	1.62139e−60	Haplotaxida	Glossoscolecidae	Rhinodrilus alatus
Rhinodrilus alatus haplotype Hap42 cytochrome oxid	HM536009	85.99	95.39	1.62139e−60	Haplotaxida	Glossoscolecidae	Rhinodrilus alatus
Rhinodrilus alatus haplotype Hap41 cytochrome oxid	HM536008	85.99	95.39	1.62139e−60	Haplotaxida	Glossoscolecidae	Rhinodrilus alatus
Rhinodrilus alatus haplotype Hap24 cytochrome oxid	HM535991	85.99	95.39	1.62139e−60	Haplotaxida	Glossoscolecidae	Rhinodrilus alatus
Deinodrilus gorgon cytochrome c oxidase subunit I	HQ529284	85.65	96.31	1.62139e−60	Haplotaxida	Acanthodrilidae	Deinodrilus gorgon
Aporrectodea rosea isolate RLOP1 cytochrome c oxid	KF441964	84.72	99.54	5.65919e−60	Haplotaxida	Lumbricidae	Aporrectodea rosea
Rhinodrilus alatus haplotype Hap17 cytochrome oxid	HM535984	84.72	99.54	5.65919e−60	Haplotaxida	Glossoscolecidae	Rhinodrilus alatus
Nais sp. morphotype A3 isolate CE1144 cytochrome o	JQ519827	84.65	99.08	1.97525e−59	Haplotaxida	Tubificidae	Nais communis/variabilis complex sp. A3
Rhinodrilus alatus haplotype Hap46 cytochrome oxid	HM536013	85.51	95.39	1.97525e−59	Haplotaxida	Glossoscolecidae	Rhinodrilus alatus
Rhinodrilus alatus haplotype Hap40 cytochrome oxid	HM536007	85.51	95.39	1.97525e−59	Haplotaxida	Glossoscolecidae	Rhinodrilus alatus
Rhinodrilus alatus haplotype Hap39 cytochrome oxid	HM536006	85.51	95.39	1.97525e−59	Haplotaxida	Glossoscolecidae	Rhinodrilus alatus
Rhinodrilus alatus haplotype Hap33 cytochrome oxid	HM536000	85.51	95.39	1.97525e−59	Haplotaxida	Glossoscolecidae	Rhinodrilus alatus
Rhinodrilus alatus haplotype Hap32 cytochrome oxid	HM535999	85.51	95.39	1.97525e−59	Haplotaxida	Glossoscolecidae	Rhinodrilus alatus
Rhinodrilus alatus haplotype Hap31 cytochrome oxid	HM535998	85.51	95.39	1.97525e−59	Haplotaxida	Glossoscolecidae	Rhinodrilus alatus
Rhinodrilus alatus haplotype Hap26 cytochrome oxid	HM535993	85.51	95.39	1.97525e−59	Haplotaxida	Glossoscolecidae	Rhinodrilus alatus
Rhinodrilus alatus haplotype Hap25 cytochrome oxid	HM535992	85.51	95.39	1.97525e−59	Haplotaxida	Glossoscolecidae	Rhinodrilus alatus
Rhinodrilus alatus haplotype Hap23 cytochrome oxid	HM535990	85.51	95.39	1.97525e−59	Haplotaxida	Glossoscolecidae	Rhinodrilus alatus
Rhinodrilus alatus haplotype Hap22 cytochrome oxid	HM535989	85.51	95.39	1.97525e−59	Haplotaxida	Glossoscolecidae	Rhinodrilus alatus
Rhinodrilus alatus haplotype Hap14 cytochrome oxid	HM535981	85.51	95.39	1.97525e−59	Haplotaxida	Glossoscolecidae	Rhinodrilus alatus
Rhinodrilus alatus haplotype Hap13 cytochrome oxid	HM535980	85.51	95.39	1.97525e−59	Haplotaxida	Glossoscolecidae	Rhinodrilus alatus
Rhinodrilus alatus haplotype Hap12 cytochrome oxid	HM535979	85.51	95.39	1.97525e−59	Haplotaxida	Glossoscolecidae	Rhinodrilus alatus
Rhinodrilus alatus haplotype Hap11 cytochrome oxid	HM535978	85.51	95.39	1.97525e−59	Haplotaxida	Glossoscolecidae	Rhinodrilus alatus
Rhinodrilus alatus haplotype Hap10 cytochrome oxid	HM535977	85.51	95.39	1.97525e−59	Haplotaxida	Glossoscolecidae	Rhinodrilus alatus
Rhinodrilus alatus haplotype Hap9 cytochrome oxida	HM535976	85.51	95.39	1.97525e−59	Haplotaxida	Glossoscolecidae	Rhinodrilus alatus
Rhinodrilus alatus haplotype Hap3 cytochrome oxida	HM535970	85.51	95.39	1.97525e−59	Haplotaxida	Glossoscolecidae	Rhinodrilus alatus
Rhinodrilus alatus haplotype Hap2 cytochrome oxida	HM535969	85.51	95.39	1.97525e−59	Haplotaxida	Glossoscolecidae	Rhinodrilus alatus
Nais communis isolate NAI2fd cytochrome oxidase su	AF534845	84.65	99.08	1.97525e−59	Haplotaxida	Tubificidae	Nais communis
Aporrectodea rosea isolate ROHB2 cytochrome c oxid	KF441993	84.26	99.54	6.89431e−59	Haplotaxida	Lumbricidae	Aporrectodea rosea
Aporrectodea rosea isolate ROHB1 cytochrome c oxid	KF441992	84.26	99.54	6.89431e−59	Haplotaxida	Lumbricidae	Aporrectodea rosea
Aporrectodea rosea isolate RAIN1 cytochrome c oxid	KF441900	84.26	99.54	6.89431e−59	Haplotaxida	Lumbricidae	Aporrectodea rosea
Ophidonais serpentina mitochondrial partial COI ge	LN810257	84.26	99.54	6.89431e−59	Haplotaxida	Tubificidae	Ophidonais serpentina
Nais communis mitochondrial partial COI gene for c	LN810253	84.26	99.54	6.89431e−59	Haplotaxida	Tubificidae	Nais communis
Nais sp. morphotype A3 isolate CE3492 cytochrome o	JQ519872	84.26	99.54	6.89431e−59	Haplotaxida	Tubificidae	Nais communis/variabilis complex sp. A3
Rhinodrilus alatus haplotype Hap53 cytochrome oxid	HM536020	84.26	99.54	6.89431e−59	Haplotaxida	Glossoscolecidae	Rhinodrilus alatus
Enchytraeidae sp. DPEW79485 voucher EW−SJ−893 cyto	GU014148	84.26	99.54	6.89431e−59	Haplotaxida	Enchytraeidae	Enchytraeidae sp. DPEW79485
Ophidonais serpentina isolate OPHsewcc cytochrome	AF534846	84.26	99.54	6.89431e−59	Haplotaxida	Tubificidae	Ophidonais serpentina
Aporrectodea rosea isolate RCAS4 cytochrome c oxid	KF441913	84.51	98.16	2.40635e−58	Haplotaxida	Lumbricidae	Aporrectodea rosea