

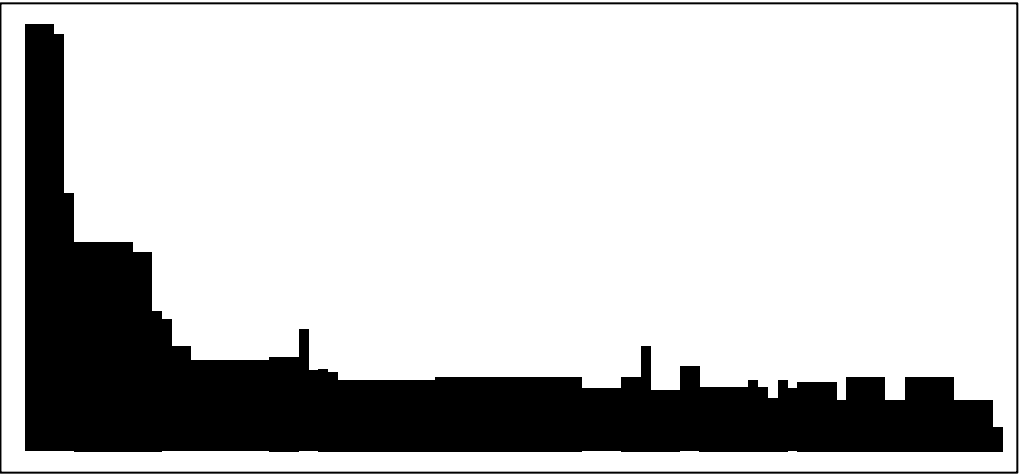
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Eiseniella tetraedra

Lumbricidae

Haplotaxida

100



Eiseniella tetraedra voucher BIOUSG00690–G09 cytoch	KM612066	100	100	1.41832e–105	Haplotaxida	Lumbricidae	Eiseniella tetraedra
Eiseniella tetraedra voucher BIOUSG00690–G10 cytoch	KM611986	100	100	1.41832e–105	Haplotaxida	Lumbricidae	Eiseniella tetraedra
Eiseniella tetraedra mitochondrial partial COI gen	LN810252	100	100	1.41832e–105	Haplotaxida	Lumbricidae	Eiseniella tetraedra
Eiseniella tetraedra mitochondrial partial COI gen	LN810251	99.54	100	6.03084e–104	Haplotaxida	Lumbricidae	Eiseniella tetraedra
Eiseniella tetraedra mitochondrial partial COI gen	LN810250	92.09	99.08	3.80924e–81	Haplotaxida	Lumbricidae	Eiseniella tetraedra
Eiseniella tetraedra voucher CE17318 cytochrome ox	KT073959	89.81	99.54	3.56769e–75	Haplotaxida	Lumbricidae	Eiseniella tetraedra
Eiseniella tetraedra voucher CE16792 cytochrome ox	KT073958	89.81	99.54	3.56769e–75	Haplotaxida	Lumbricidae	Eiseniella tetraedra
Eiseniella tetraedra voucher CE17374 cytochrome ox	KT073957	89.81	99.54	3.56769e–75	Haplotaxida	Lumbricidae	Eiseniella tetraedra
Eiseniella tetraedra voucher BIOUSG00690–E02 cytoch	KM611822	89.81	99.54	3.56769e–75	Haplotaxida	Lumbricidae	Eiseniella tetraedra
Lumbricidae sp. DPEW44204 cytochrome c oxidase sub	KR941558	89.81	99.54	3.56769e–75	Haplotaxida	Lumbricidae	Lumbricidae sp. DPEW44204
Eiseniella tetraedra mitochondrial partial COI gen	LN810249	89.81	99.54	3.56769e–75	Haplotaxida	Lumbricidae	Eiseniella tetraedra
Eiseniella tetraedra voucher 08BBANN–078 cytochrom	KM612254	89.35	99.54	1.51702e–73	Haplotaxida	Lumbricidae	Eiseniella tetraedra
Eiseniella tetraedra voucher 08BBANN–077 cytochrom	KM612089	89.35	99.54	1.51702e–73	Haplotaxida	Lumbricidae	Eiseniella tetraedra
Lumbricidae sp. DPEW100011 voucher EW–SJ–777 cytoc	GU013841	86.57	99.54	2.10869e–65	Haplotaxida	Lumbricidae	Lumbricidae sp. DPEW100011
Lumbricidae sp. DPEW35355 voucher EW–SJ–699 cytoch	GU013962	86.18	100	7.36005e–65	Haplotaxida	Lumbricidae	Lumbricidae sp. DPEW35355
Aporrectodea rosea isolate RNAV4 cytochrome c oxid	KF441986	84.91	97.7	1.97498e–59	Haplotaxida	Lumbricidae	Aporrectodea rosea
Aporrectodea rosea isolate RCOL2 cytochrome c oxid	KF441896	84.91	97.7	1.97498e–59	Haplotaxida	Lumbricidae	Aporrectodea rosea
Aporrectodea rosea isolate RELM5 cytochrome c oxid	KF441930	84.26	99.54	6.89335e–59	Haplotaxida	Lumbricidae	Aporrectodea rosea
Aporrectodea rosea isolate RELM4 cytochrome c oxid	KF441929	84.26	99.54	6.89335e–59	Haplotaxida	Lumbricidae	Aporrectodea rosea
Aporrectodea rosea isolate RELM1 cytochrome c oxid	KF441928	84.26	99.54	6.89335e–59	Haplotaxida	Lumbricidae	Aporrectodea rosea
Aporrectodea rosea isolate RDJE6 cytochrome c oxid	KF441927	84.26	99.54	6.89335e–59	Haplotaxida	Lumbricidae	Aporrectodea rosea
Aporrectodea rosea isolate RDJE5 cytochrome c oxid	KF441926	84.26	99.54	6.89335e–59	Haplotaxida	Lumbricidae	Aporrectodea rosea
Aporrectodea rosea isolate RDJE4 cytochrome c oxid	KF441925	84.26	99.54	6.89335e–59	Haplotaxida	Lumbricidae	Aporrectodea rosea
Aporrectodea rosea isolate RDJE2 cytochrome c oxid	KF441924	84.26	99.54	6.89335e–59	Haplotaxida	Lumbricidae	Aporrectodea rosea
Aporrectodea rosea isolate RDJE1 cytochrome c oxid	KF441923	84.26	99.54	6.89335e–59	Haplotaxida	Lumbricidae	Aporrectodea rosea
Aporrectodea rosea isolate RO85.5 cytochrome c oxi	KF441991	84.43	97.7	8.39781e–58	Haplotaxida	Lumbricidae	Aporrectodea rosea
Aporrectodea rosea isolate RO85.3 cytochrome c oxi	KF441990	84.43	97.7	8.39781e–58	Haplotaxida	Lumbricidae	Aporrectodea rosea
Aporrectodea rosea isolate RO85.2 cytochrome c oxi	KF441989	84.43	97.7	8.39781e–58	Haplotaxida	Lumbricidae	Aporrectodea rosea
Lumbricus centralis voucher EW–SJ–687 cytochrome o	GU013982	85.71	93.55	2.93113e–57	Haplotaxida	Lumbricidae	Lumbricus centralis
Allolobophora chlorotica mitochondrial partial coi	AM774267	83.8	99.54	2.93113e–57	Haplotaxida	Lumbricidae	Allolobophora chlorotica
Satchellius mammalis voucher 3901 cytochrome c oxi	JN869968	83.87	99.54	1.02306e–56	Haplotaxida	Lumbricidae	Satchellius mammalis
Lumbricidae sp. DPEW66231 voucher EW–SJ–609 cytoch	GU014099	83.72	99.08	1.02306e–56	Haplotaxida	Lumbricidae	Lumbricidae sp. DPEW66231
Allolobophora chlorotica L1 voucher EW–ECO–0627 cy	JQ908634	83.33	99.54	3.57084e–56	Haplotaxida	Lumbricidae	Allolobophora chlorotica L1
Allolobophora chlorotica L1 voucher EW–ECO–0330 cy	JQ908650	83.33	99.54	3.57084e–56	Haplotaxida	Lumbricidae	Allolobophora chlorotica L1
Lumbricus rubellus mitochondrial partial COI gene	HE611683	83.33	99.54	3.57084e–56	Haplotaxida	Lumbricidae	Lumbricus rubellus
Lumbricidae sp. DPEW59537 voucher EW–SJ–634 cytoch	GU014067	83.33	99.54	3.57084e–56	Haplotaxida	Lumbricidae	Lumbricidae sp. DPEW59537
Lumbricidae sp. DPEW59537 voucher EW–SJ–635 cytoch	GU014068	83.33	99.54	3.57084e–56	Haplotaxida	Lumbricidae	Lumbricidae sp. DPEW59537
Aporrectodea rosea voucher EW–SJ–638 cytochrome ox	GU013832	83.33	99.54	3.57084e–56	Haplotaxida	Lumbricidae	Aporrectodea rosea
Allolobophora chlorotica mitochondrial partial coi	AM774279	83.33	99.54	3.57084e–56	Haplotaxida	Lumbricidae	Allolobophora chlorotica
Allolobophora chlorotica mitochondrial partial coi	AM774274	83.33	99.54	3.57084e–56	Haplotaxida	Lumbricidae	Allolobophora chlorotica
Allolobophora chlorotica mitochondrial partial coi	AM774272	83.33	99.54	3.57084e–56	Haplotaxida	Lumbricidae	Allolobophora chlorotica
Allolobophora chlorotica mitochondrial partial coi	AM774245	83.33	99.54	3.57084e–56	Haplotaxida	Lumbricidae	Allolobophora chlorotica
Aporrectodea rosea isolate RNAV5 cytochrome c oxid	KF441987	83.49	97.7	4.35018e–55	Haplotaxida	Lumbricidae	Aporrectodea rosea
Aporrectodea rosea isolate RNAV3 cytochrome c oxid	KF441985	83.49	97.7	4.35018e–55	Haplotaxida	Lumbricidae	Aporrectodea rosea
Aporrectodea rosea isolate RNAV2 cytochrome c oxid	KF441984	83.49	97.7	4.35018e–55	Haplotaxida	Lumbricidae	Aporrectodea rosea
Aporrectodea rosea isolate RNAV1 cytochrome c oxid	KF441983	83.49	97.7	4.35018e–55	Haplotaxida	Lumbricidae	Aporrectodea rosea
Aporrectodea rosea isolate RMAS2 cytochrome c oxid	KF441967	83.49	97.7	4.35018e–55	Haplotaxida	Lumbricidae	Aporrectodea rosea
Aporrectodea rosea isolate RVRU3 cytochrome c oxid	KF441960	83.49	97.7	4.35018e–55	Haplotaxida	Lumbricidae	Aporrectodea rosea
Aporrectodea rosea isolate RVRU2 cytochrome c oxid	KF441959	83.49	97.7	4.35018e–55	Haplotaxida	Lumbricidae	Aporrectodea rosea
Aporrectodea rosea isolate RVRU1 cytochrome c oxid	KF441958	83.49	97.7	4.35018e–55	Haplotaxida	Lumbricidae	Aporrectodea rosea
Aporrectodea rosea isolate RTAL3 cytochrome c oxid	KF441954	83.49	97.7	4.35018e–55	Haplotaxida	Lumbricidae	Aporrectodea rosea
Aporrectodea rosea isolate RTAL2 cytochrome c oxid	KF441953	83.49	97.7	4.35018e–55	Haplotaxida	Lumbricidae	Aporrectodea rosea
Aporrectodea rosea isolate RARC2 cytochrome c oxid	KF441906	83.49	97.7	4.35018e–55	Haplotaxida	Lumbricidae	Aporrectodea rosea
Aporrectodea rosea isolate RALE3 cytochrome c oxid	KF441903	83.49	97.7	4.35018e–55	Haplotaxida	Lumbricidae	Aporrectodea rosea
Aporrectodea rosea isolate RALE2 cytochrome c oxid	KF441902	83.49	97.7	4.35018e–55	Haplotaxida	Lumbricidae	Aporrectodea rosea
Aporrectodea rosea isolate RALE1 cytochrome c oxid	KF441901	83.49	97.7	4.35018e–55	Haplotaxida	Lumbricidae	Aporrectodea rosea
Aporrectodea rosea isolate RINC1 cytochrome c oxid	KF441899	83.49	97.7	4.35018e–55	Haplotaxida	Lumbricidae	Aporrectodea rosea
Allolobophora chlorotica L1 voucher EW–ECO–0136 cy	JQ908635	82.95	100	4.35018e–55	Haplotaxida	Lumbricidae	Allolobophora chlorotica L1
Lumbricus rubellus mitochondrial partial COI gene	HE611682	82.95	100	4.35018e–55	Haplotaxida	Lumbricidae	Lumbricus rubellus
Deinodrilus gorgon cytochrome c oxidase subunit I	HQ529284	82.95	100	4.35018e–55	Haplotaxida	Acanthodrilidae	Deinodrilus gorgon
Allolobophora chlorotica L1 voucher EW–ECO–0087 cy	GU013794	82.95	100	4.35018e–55	Haplotaxida	Lumbricidae	Allolobophora chlorotica L1
Allolobophora chlorotica mitochondrial partial coi	AM774288	83.49	97.7	4.35018e–55	Haplotaxida	Lumbricidae	Allolobophora chlorotica
Allolobophora chlorotica mitochondrial partial coi	AM774287	83.49	97.7	4.35018e–55	Haplotaxida	Lumbricidae	Allolobophora chlorotica
Hormogaster elisae haplotype PAR2 cytochrome oxida	EF653900	84.92	91.71	4.35018e–55	Haplotaxida	Hormogastridae	Hormogaster elisae
Aporrectodea rosea isolate RAIN1 cytochrome c oxid	KF441900	82.87	99.54	1.51836e–54	Haplotaxida	Lumbricidae	Aporrectodea rosea
Aporrectodea rosea isolate RFOR1 cytochrome c oxid	KF441897	82.87	99.54	1.51836e–54	Haplotaxida	Lumbricidae	Aporrectodea rosea
Octolasion lacteum voucher 1721 cytochrome c oxida	JN869954	82.87	99.54	1.51836e–54	Haplotaxida	Lumbricidae	Octolasion lacteum
Dendrobaena octaedra isolate H8DO cytochrome oxida	EU035483	83.98	94.93	1.51836e–54	Haplotaxida	Lumbricidae	Dendrobaena octaedra
Dendrobaena octaedra isolate 3 cytochrome oxidase	DQ092896	83.98	94.93	1.51836e–54	Haplotaxida	Lumbricidae	Dendrobaena octaedra
Aporrectodea rosea isolate RO85.1 cytochrome c oxi	KF441988	83.02	97.7	5.2996e–54	Haplotaxida	Lumbricidae	Aporrectodea rosea
Aporrectodea rosea isolate RMOR5 cytochrome c oxid	KF441982	83.02	97.7	5.2996e–54	Haplotaxida	Lumbricidae	Aporrectodea rosea
Aporrectodea rosea isolate RMOAB5 cytochrome c oxi	KF441971	83.02	97.7	5.2996e–54	Haplotaxida	Lumbricidae	Aporrectodea rosea
Aporrectodea rosea isolate RALZ2 cytochrome c oxid	KF441905	83.02	97.7	5.2996e–54	Haplotaxida	Lumbricidae	Aporrectodea rosea
Aporrectodea rosea isolate RALZ1 cytochrome c oxid	KF441904	83.02	97.7	5.2996e–54	Haplotaxida	Lumbricidae	Aporrectodea rosea
Dendrobaena octaedra voucher BIOUSG00690–D07 cytoch	KM612210	83.33	96.77	5.2996e–54	Haplotaxida	Lumbricidae	Dendrobaena octaedra
Aporrectodea rosea isolate ArSpALZ1 cytochrome c o	JQ771762	83.02	97.7	5.2996e–54	Haplotaxida	Lumbricidae	Aporrectodea rosea
Allolobophora chlorotica mitochondrial partial coi	AM774280	82.49	100	5.2996e–54	Haplotaxida	Lumbricidae	Allolobophora chlorotica
Dendrobaena octaedra isolate H7DO cytochrome oxida	EU035482	83.33	96.77	5.2996e–54	Haplotaxida	Lumbricidae	Dendrobaena octaedra
Aporrectodea rosea isolate RLHO1 cytochrome c oxid	KF441961	82.94	97.24	1.84974e–53	Haplotaxida	Lumbricidae	Aporrectodea rosea
Aporrectodea rosea isolate RORD3 cytochrome c oxid	KF441937	83.25	96.31	1.84974e–53	Haplotaxida	Lumbricidae	Aporrectodea rosea
Aporrectodea rosea isolate RORD1 cytochrome c oxid	KF441936	83.25	96.31	1.84974e–53	Haplotaxida	Lumbricidae	Aporrectodea rosea
Aporrectodea rosea isolate RORD2 cytochrome c oxid	KF441935	83.25	96.31	1.84974e–53	Haplotaxida	Lumbricidae	Aporrectodea rosea
Aporrectodea rosea isolate RORD4 cytochrome c oxid	KF441934	83.25	96.31	1.84974e–53	Haplotaxida	Lumbricidae	Aporrectodea rosea
Aporrectodea rosea isolate RFOR2 cytochrome c oxid	KF441898	82.41	99.54	1.84974e–53	Haplotaxida	Lumbricidae	Aporrectodea rosea
Dendrobaena octaedra voucher BIOUSG03505–B02 cytoch	KM612160	83.5	94.93	1.84974e–53	Haplotaxida	Lumbricidae	Dendrobaena octaedra
Dendrobaena octaedra voucher BIOUSG08058–E05 cytoch	KM612027	83.5	94.93	1.84974e–53	Haplotaxida	Lumbricidae	Dendrobaena octaedra
Dendrobaena octaedra voucher BIOUSG00690–G01 cytoch	KM611907	83.5	94.93	1.84974e–53	Haplotaxida	Lumbricidae	Dendrobaena octaedra
Dendrobaena octaedra voucher BIOUSG03505–B07 cytoch	KM611877	83.5	94.93	1.84974e–53	Haplotaxida	Lumbricidae	Dendrobaena octaedra
Hormogaster redii voucher UCLMTL 00148 cytochrome o	KF974929	82.41	99.54	1.84974e–53	Haplotaxida	Hormogastridae	Hormogaster redii
Allolobophora chlorotica voucher Acy241 cytochrome	KC569732	82.41	99.54	1.84974e–53	Haplotaxida	Lumbricidae	Allolobophora chlorotica
Dendrobaena octaedra voucher 08BBANN–074 cytochrom	JQ909023	83.5	94.93	1.84974e–53	Haplotaxida	Lumbricidae	Dendrobaena octaedra
Dendrobaena octaedra voucher INA96 cytochrome oxid	JQ909030	83.5	94.93	1.84974e–53	Haplotaxida	Lumbricidae	Dendrobaena octaedra
Dendrobaena octaedra voucher INA03 cytochrome oxid	JQ909028	83.5	94.93	1.84974e–53	Haplotaxida	Lumbricidae	Dendrobaena octaedra
Dendrobaena octaedra voucher 08BBANN–008 cytochrom	JQ909013	83.5	94.93	1.84974e–53	Haplotaxida	Lumbricidae	Dendrobaena octaedra
Dendrobaena octaedra voucher 08BBANN–068 cytochrom	JQ909019	83.5	94.93	1.84974e–53	Haplotaxida	Lumbricidae	Dendrobaena octaedra
Allolobophora chlorotica L1 voucher EW–ECO–0626 cy	JQ908680	82.41	99.54	1.84974e–53	Haplotaxida	Lumbricidae	Allolobophora chlorotica L1
Allolobophora chlorotica L1 voucher EW–ECO–0397 cy	JQ908675	82.41	99.54	1.84974e–53	Haplotaxida	Lumbricidae	Allolobophora chlorotica L1
Allolobophora chlorotica L1 voucher EW–ECO–0343 cy	JQ908674	82.41	99.54	1.84974e–53	Haplotaxida	Lumbricidae	Allolobophora chlorotica L1
Allolobophora chlorotica L1 voucher EW–ECO–0341 cy	JQ908672	82.41	99.54	1.84974e–53	Haplotaxida	Lumbricidae	Allolobophora chlorotica L1
Allolobophora chlorotica voucher Acy93 cytochrome	KC569631	81.13	97.7	9.5819e–51	Haplotaxida	Lumbricidae	Allolobophora chlorotica