OTU_112;size=7327;.csv

Nais alpina

Tubificidae

Haplotaxida

100

Nais alpina isolate CE529 cytochrome oxidase subun	GU902104	100	100	1.41701e−105	Haplotaxida	Tubificidae	Nais alpina
Nais elinguis cytochrome oxidase subunit I (COI) g	GQ355369	92.42	97.24	1.32833e−80	Haplotaxida	Tubificidae	Nais elinguis
Nais sp. 5D−20118−3 cytochrome oxidase subunit I (	KF000146	92.31	95.85	5.64821e−79	Haplotaxida	Tubificidae	Nais sp. 5D−20118−3
Nais sp. 4A−20118−1 cytochrome oxidase subunit I (	KF000145	90.32	100	8.38268e−77	Haplotaxida	Tubificidae	Nais sp. 4A−20118−1
Nais stolci isolate CE4100 cytochrome oxidase subu	JQ519894	90.28	99.54	2.92584e−76	Haplotaxida	Tubificidae	Nais stolci
Nais stolci isolate CE3762 cytochrome oxidase subu	JQ519877	90.28	99.54	2.92584e−76	Haplotaxida	Tubificidae	Nais stolci
Nais sp. morphotype C isolate CE1147 cytochrome ox	JQ519830	90.14	98.16	1.2441e−74	Haplotaxida	Tubificidae	Nais communis/variabilis complex sp. C
Nais sp. morphotype C isolate CE1146 cytochrome ox	JQ519829	90.14	98.16	1.2441e−74	Haplotaxida	Tubificidae	Nais communis/variabilis complex sp. C
Nais sp. morphotype A4 isolate CE2087 cytochrome o	JQ519856	89.35	99.54	1.51562e−73	Haplotaxida	Tubificidae	Nais communis/variabilis complex sp. A4
Nais barbata isolate CE2898 cytochrome oxidase sub	JQ519861	88.94	100	5.29005e−73	Haplotaxida	Tubificidae	Nais barbata
Nais barbata cytochrome oxidase subunit I gene, mi	AF054193	88.94	100	5.29005e−73	Haplotaxida	Tubificidae	Nais barbata
Stylaria fossularis isolate STYfoop cytochrome oxi	AF534859	88.89	99.54	1.84641e−72	Haplotaxida	Tubificidae	Stylaria fossularis
Stylaria lacustris isolate STYlage cytochrome oxid	AF534862	88.84	99.08	6.4446e−72	Haplotaxida	Tubificidae	Stylaria lacustris
Stylaria lacustris cytochrome oxidase subunit I ge	AF054194	88.84	99.08	6.4446e−72	Haplotaxida	Tubificidae	Stylaria lacustris
Nais sp. morphotype A4 isolate CE2911 cytochrome o	JQ519866	88.48	100	2.24939e−71	Haplotaxida	Tubificidae	Nais communis/variabilis complex sp. A4
Nais sp. morphotype A4 isolate CE2910 cytochrome o	JQ519865	88.48	100	2.24939e−71	Haplotaxida	Tubificidae	Nais communis/variabilis complex sp. A4
Nais bretscheri mitochondrial partial COI gene for	LN810267	88.43	99.54	7.85113e−71	Haplotaxida	Tubificidae	Nais bretscheri
Nais christinae isolate CE1184 cytochrome oxidase	JQ519841	88.43	99.54	7.85113e−71	Haplotaxida	Tubificidae	Nais christinae
Nais christinae isolate CE1263 cytochrome oxidase	JQ519843	87.96	99.54	9.56463e−70	Haplotaxida	Tubificidae	Nais christinae
Nais christinae isolate CE1133 cytochrome oxidase	JQ519824	87.96	99.54	9.56463e−70	Haplotaxida	Tubificidae	Nais christinae
Nais variabilis cytochrome oxidase subunit I (COI)	GQ355370	87.96	99.54	9.56463e−70	Haplotaxida	Tubificidae	Nais variabilis
Nais bretscheri isolate NAIbrrc cytochrome oxidase	AF534843	87.96	99.54	9.56463e−70	Haplotaxida	Tubificidae	Nais bretscheri
Stylaria lacustris isolate STYlaslo cytochrome oxi	AF534860	87.91	99.08	3.33838e−69	Haplotaxida	Tubificidae	Stylaria lacustris
Chaetogaster limnaei voucher AS1025E cytochrome ox	KF952322	87.5	99.54	4.06698e−68	Haplotaxida	Tubificidae	Chaetogaster limnaei
Specaria josinae cytochrome oxidase subunit I (COI	GQ355376	87.5	99.54	4.06698e−68	Haplotaxida	Tubificidae	Specaria josinae
Nais variabilis isolate NAI1bo cytochrome oxidase	AF534844	87.04	99.54	4.06698e−68	Haplotaxida	Tubificidae	Nais variabilis
Nais variabilis isolate NAIvaov cytochrome oxidase	AF534841	87.5	99.54	4.06698e−68	Haplotaxida	Tubificidae	Nais variabilis
Nais sp. morphotype A3 isolate CE1144 cytochrome o	JQ519827	87.74	97.7	1.41952e−67	Haplotaxida	Tubificidae	Nais communis/variabilis complex sp. A3
Stylaria lacustris isolate STYlaop cytochrome oxid	AF534861	87.44	99.08	1.41952e−67	Haplotaxida	Tubificidae	Stylaria lacustris
Nais communis isolate NAI2fd cytochrome oxidase su	AF534845	87.74	97.7	1.41952e−67	Haplotaxida	Tubificidae	Nais communis
Nais elinguis mitochondrial partial COI gene for c	LT598627	88.04	96.31	4.9546e−67	Haplotaxida	Tubificidae	Nais elinguis
Nais elinguis mitochondrial partial COI gene for c	LT598626	88.04	96.31	4.9546e−67	Haplotaxida	Tubificidae	Nais elinguis
Nais elinguis mitochondrial partial COI gene for c	LT598624	88.04	96.31	4.9546e−67	Haplotaxida	Tubificidae	Nais elinguis
Nais elinguis mitochondrial partial COI gene for c	LT598623	88.04	96.31	4.9546e−67	Haplotaxida	Tubificidae	Nais elinguis
Nais elinguis mitochondrial partial COI gene for c	LT598622	88.04	96.31	4.9546e−67	Haplotaxida	Tubificidae	Nais elinguis
Nais elinguis mitochondrial partial COI gene for c	LT598618	88.04	96.31	4.9546e−67	Haplotaxida	Tubificidae	Nais elinguis
Nais elinguis mitochondrial partial COI gene for c	LT598616	88.04	96.31	4.9546e−67	Haplotaxida	Tubificidae	Nais elinguis
Nais elinguis mitochondrial partial COI gene for c	LN999371	88.04	96.31	4.9546e−67	Haplotaxida	Tubificidae	Nais elinguis
Nais elinguis mitochondrial partial COI gene for c	LN999360	88.04	96.31	4.9546e−67	Haplotaxida	Tubificidae	Nais elinguis
Nais elinguis mitochondrial partial COI gene for c	LN999358	88.04	96.31	4.9546e−67	Haplotaxida	Tubificidae	Nais elinguis
Nais elinguis mitochondrial partial COI gene for c	LN999347	88.04	96.31	4.9546e−67	Haplotaxida	Tubificidae	Nais elinguis
Nais elinguis mitochondrial partial COI gene for c	LN999344	88.04	96.31	4.9546e−67	Haplotaxida	Tubificidae	Nais elinguis
Nais elinguis mitochondrial partial COI gene for c	LN999325	88.04	96.31	4.9546e−67	Haplotaxida	Tubificidae	Nais elinguis
Nais elinguis mitochondrial partial COI gene for c	LN999305	88.04	96.31	4.9546e−67	Haplotaxida	Tubificidae	Nais elinguis
Nais elinguis mitochondrial partial COI gene for c	LN999302	88.04	96.31	4.9546e−67	Haplotaxida	Tubificidae	Nais elinguis
Nais elinguis mitochondrial partial COI gene for c	LN999298	88.04	96.31	4.9546e−67	Haplotaxida	Tubificidae	Nais elinguis
Nais elinguis mitochondrial partial COI gene for c	LN999297	88.04	96.31	4.9546e−67	Haplotaxida	Tubificidae	Nais elinguis
Nais elinguis mitochondrial partial COI gene for c	LN999296	88.04	96.31	4.9546e−67	Haplotaxida	Tubificidae	Nais elinguis
Nais elinguis mitochondrial partial COI gene for c	LN999293	88.04	96.31	4.9546e−67	Haplotaxida	Tubificidae	Nais elinguis
Nais elinguis mitochondrial partial COI gene for c	LN999292	88.04	96.31	4.9546e−67	Haplotaxida	Tubificidae	Nais elinguis
Nais elinguis mitochondrial partial COI gene for c	LN999286	88.04	96.31	4.9546e−67	Haplotaxida	Tubificidae	Nais elinguis
Nais elinguis mitochondrial partial COI gene for c	LN999253	88.04	96.31	4.9546e−67	Haplotaxida	Tubificidae	Nais elinguis
Nais elinguis mitochondrial partial COI gene for c	LN810263	88.04	96.31	4.9546e−67	Haplotaxida	Tubificidae	Nais elinguis
Nais elinguis mitochondrial partial COI gene for c	LN810260	88.04	96.31	4.9546e−67	Haplotaxida	Tubificidae	Nais elinguis
Nais elinguis isolate CE1924 cytochrome oxidase su	JQ519849	88.04	96.31	4.9546e−67	Haplotaxida	Tubificidae	Nais elinguis
Nais sp. morphotype A4 isolate CE3789 cytochrome o	JQ519881	87.04	99.54	4.9546e−67	Haplotaxida	Tubificidae	Nais communis/variabilis complex sp. A4
Nais sp. morphotype A4 isolate CE3788 cytochrome o	JQ519880	87.04	99.54	4.9546e−67	Haplotaxida	Tubificidae	Nais communis/variabilis complex sp. A4
Nais elinguis isolate CE2216 cytochrome oxidase su	JQ519858	88.04	96.31	4.9546e−67	Haplotaxida	Tubificidae	Nais elinguis
Nais elinguis isolate CE1955 cytochrome oxidase su	JQ519851	88.04	96.31	4.9546e−67	Haplotaxida	Tubificidae	Nais elinguis
Nais sp. morphotype A4 isolate CE2049 cytochrome o	JQ519855	87.04	99.54	4.9546e−67	Haplotaxida	Tubificidae	Nais communis/variabilis complex sp. A4
Nais sp. morphotype A4 isolate CE2043 cytochrome o	JQ519854	87.04	99.54	4.9546e−67	Haplotaxida	Tubificidae	Nais communis/variabilis complex sp. A4
Nais elinguis isolate CE1959 cytochrome oxidase su	JQ519852	88.04	96.31	4.9546e−67	Haplotaxida	Tubificidae	Nais elinguis
Nais elinguis isolate CE1923 cytochrome oxidase su	JQ519848	88.04	96.31	4.9546e−67	Haplotaxida	Tubificidae	Nais elinguis
Nais elinguis isolate CE1920 cytochrome oxidase su	JQ519847	88.04	96.31	4.9546e−67	Haplotaxida	Tubificidae	Nais elinguis
Nais elinguis isolate CE1919 cytochrome oxidase su	JQ519846	88.04	96.31	4.9546e−67	Haplotaxida	Tubificidae	Nais elinguis
Nais elinguis isolate CE1917 cytochrome oxidase su	JQ519845	88.04	96.31	4.9546e−67	Haplotaxida	Tubificidae	Nais elinguis
Nais elinguis isolate CE1916 cytochrome oxidase su	JQ519844	88.04	96.31	4.9546e−67	Haplotaxida	Tubificidae	Nais elinguis
Chaetogaster diastrophus isolate CE1090 cytochrome	JQ519820	87.04	99.54	4.9546e−67	Haplotaxida	Tubificidae	Chaetogaster diastrophus
Nais variabilis isolate NAIvacm cytochrome oxidase	AF534842	87.04	99.54	4.9546e−67	Haplotaxida	Tubificidae	Nais variabilis
Chaetogaster diastrophus isolate CHAdiascm cytochr	AF534833	86.51	99.08	4.9546e−67	Haplotaxida	Tubificidae	Chaetogaster diastrophus
Nais elinguis isolate CE3300 cytochrome oxidase su	JQ519869	87.56	96.31	1.72933e−66	Haplotaxida	Tubificidae	Nais elinguis
Nais elinguis isolate CE1927 cytochrome oxidase su	JQ519850	87.56	96.31	1.72933e−66	Haplotaxida	Tubificidae	Nais elinguis
Nais sp. morphotype B isolate CE1130 cytochrome ox	JQ519822	87.32	98.16	1.72933e−66	Haplotaxida	Tubificidae	Nais communis/variabilis complex sp. B
Nais sp. morphotype B isolate CE1129 cytochrome ox	JQ519821	87.32	98.16	1.72933e−66	Haplotaxida	Tubificidae	Nais communis/variabilis complex sp. B
Paranais litoralis isolate PARlinrkp cytochrome ox	AF534849	87.61	99.54	1.72933e−66	Haplotaxida	Tubificidae	Paranais litoralis
Nais elinguis mitochondrial partial COI gene for c	LN999372	87.56	96.31	6.03594e−66	Haplotaxida	Tubificidae	Nais elinguis
Nais elinguis mitochondrial partial COI gene for c	LN999301	87.56	96.31	6.03594e−66	Haplotaxida	Tubificidae	Nais elinguis
Nais elinguis mitochondrial partial COI gene for c	LN999300	87.56	96.31	6.03594e−66	Haplotaxida	Tubificidae	Nais elinguis
Nais elinguis mitochondrial partial COI gene for c	LN999283	87.56	96.31	6.03594e−66	Haplotaxida	Tubificidae	Nais elinguis
Nais elinguis isolate CE656 cytochrome oxidase sub	JQ519901	87.56	96.31	6.03594e−66	Haplotaxida	Tubificidae	Nais elinguis
Nais elinguis isolate CE2949 cytochrome oxidase su	JQ519868	87.56	96.31	6.03594e−66	Haplotaxida	Tubificidae	Nais elinguis
Nais sp. morphotype A3 isolate CE3771 cytochrome o	JQ519878	87.26	97.7	6.03594e−66	Haplotaxida	Tubificidae	Nais communis/variabilis complex sp. A3
Nais elinguis isolate CE3486 cytochrome oxidase su	JQ519870	87.56	96.31	6.03594e−66	Haplotaxida	Tubificidae	Nais elinguis
Nais elinguis isolate CE2796 cytochrome oxidase su	JQ519860	87.56	96.31	6.03594e−66	Haplotaxida	Tubificidae	Nais elinguis
Vejdovskyella comata isolate VEJcoswe cytochrome o	AF534863	86.57	99.54	2.10675e−65	Haplotaxida	Tubificidae	Vejdovskyella comata
Paranais frici isolate PARfrnrkp cytochrome oxidas	AF534847	86.57	99.54	2.10675e−65	Haplotaxida	Tubificidae	Paranais frici
Nais communis mitochondrial partial COI gene for c	LN810253	86.18	100	7.35328e−65	Haplotaxida	Tubificidae	Nais communis
Arthropoda environmental sample clone HENBPVM09FOY	KC266463	87.56	96.31	7.35328e−65			Arthropoda environmental sample
Nais sp. morphotype A3 isolate CE3492 cytochrome o	JQ519872	86.18	100	7.35328e−65	Haplotaxida	Tubificidae	Nais communis/variabilis complex sp. A3
Arthropoda environmental sample clone HENBPVM09FOF	KC266224	87.62	96.31	2.56655e−64			Arthropoda environmental sample
Paranais frici cytochrome oxidase subunit I (COI)	GQ355371	86.11	99.54	2.56655e−64	Haplotaxida	Tubificidae	Paranais frici
Nais sp. morphotype A1 isolate CE2276 cytochrome o	JQ519859	86.05	99.08	8.95813e−64	Haplotaxida	Tubificidae	Nais communis/variabilis complex sp. A1
Arthropoda environmental sample clone HENBPVM09FVB	KC265382	87.32	97.7	3.12669e−63			Arthropoda environmental sample
Nais sp. morphotype A3 isolate CE632 cytochrome ox	JQ519899	86.32	97.7	3.12669e−63	Haplotaxida	Tubificidae	Nais communis/variabilis complex sp. A3
Nais sp. morphotype A3 isolate CE3907 cytochrome o	JQ519882	85.71	100	3.12669e−63	Haplotaxida	Tubificidae	Nais communis/variabilis complex sp. A3
Vejdovskyella sp. 1 AEB−2009 cytochrome oxidase su	GQ355377	85.65	99.54	1.09132e−62	Haplotaxida	Tubificidae	Vejdovskyella sp. 1 AEB−2009
Chaetogaster diastrophus cytochrome oxidase subuni	GQ355367	85.65	99.54	1.09132e−62	Haplotaxida	Tubificidae	Chaetogaster diastrophus
Arthropoda environmental sample clone HENBPVM09FP8	KC266746	87.08	96.31	3.80909e−62			Arthropoda environmental sample
Arthropoda environmental sample clone HENBPVM09FQW	KC266552	86.6	96.31	3.80909e−62			Arthropoda environmental sample
Nais sp. morphotype A1 isolate CE4104 cytochrome o	JQ519896	85.58	99.08	3.80909e−62	Haplotaxida	Tubificidae	Nais communis/variabilis complex sp. A1