

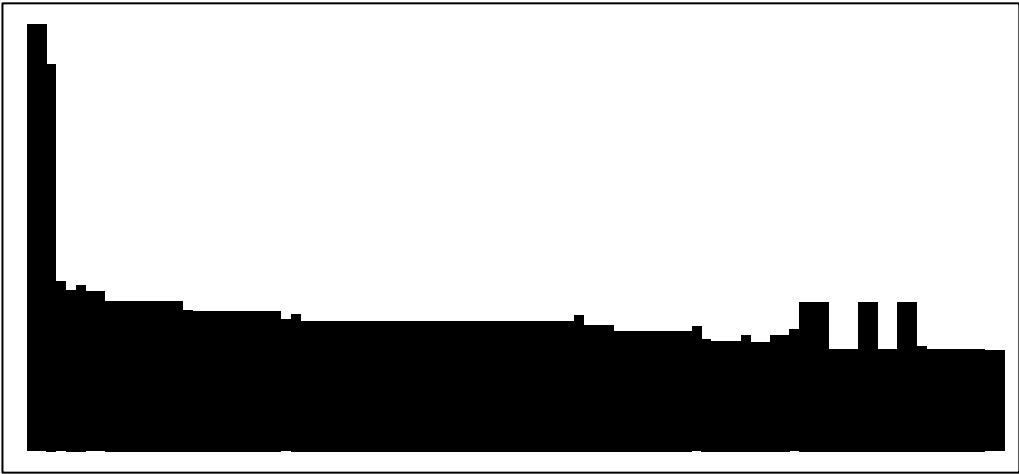
OTU_47;size=130781;.csv

Oulimnius tuberculatus

Elmidae

Coleoptera

100



Oulimnius tuberculatus voucher ZMUO<FIN>:005788 cy	KJ966263	100	100	1.41832e-105	Coleoptera	Elmidae	Oulimnius tuberculatus
Oulimnius tuberculatus voucher ZMUO<FIN>:006611 cy	KJ966214	100	100	1.41832e-105	Coleoptera	Elmidae	Oulimnius tuberculatus
Oulimnius bertrandi mitochondrial partial COI gene	HG915295	98.16	100	3.80587e-100	Coleoptera	Elmidae	Oulimnius bertrandi
Copris tripartitus isolate CT3187 cytochrome oxida	JQ347758	87.96	99.54	9.57344e-70	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT3191 cytochrome oxida	JQ347761	87.56	100	1.16628e-68	Coleoptera	Scarabaeidae	Copris tripartitus
Oulimnius rivularis voucher BFB_Col_FK_8412 cytoch	KM445108	87.79	98.16	4.07073e-68	Coleoptera	Elmidae	Oulimnius rivularis
Copris tripartitus isolate CT1865 cytochrome oxida	JQ347772	87.5	99.54	4.07073e-68	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT1857 cytochrome oxida	JQ347764	87.5	99.54	4.07073e-68	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT1866 cytochrome oxida	JQ347773	87.04	99.54	4.95916e-67	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT3186 cytochrome oxida	JQ347757	87.04	99.54	4.95916e-67	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT3184 cytochrome oxida	JQ347755	87.04	99.54	4.95916e-67	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT3183 cytochrome oxida	JQ347754	87.04	99.54	4.95916e-67	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT3179 cytochrome oxida	JQ347752	87.04	99.54	4.95916e-67	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT3178 cytochrome oxida	JQ347749	87.04	99.54	4.95916e-67	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT2494 cytochrome oxida	JQ347741	87.04	99.54	4.95916e-67	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT2489 cytochrome oxida	JQ347736	87.04	99.54	4.95916e-67	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT3210 cytochrome oxida	JQ347799	86.64	100	6.0415e-66	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT2477 cytochrome oxida	JQ347791	86.57	99.54	2.10869e-65	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT2473 cytochrome oxida	JQ347787	86.57	99.54	2.10869e-65	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT1862 cytochrome oxida	JQ347769	86.57	99.54	2.10869e-65	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT1858 cytochrome oxida	JQ347765	86.57	99.54	2.10869e-65	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT3179 cytochrome oxida	JQ347750	86.57	99.54	2.10869e-65	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT2499 cytochrome oxida	JQ347746	86.57	99.54	2.10869e-65	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT2497 cytochrome oxida	JQ347744	86.57	99.54	2.10869e-65	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT2485 cytochrome oxida	JQ347742	86.57	99.54	2.10869e-65	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT2485 cytochrome oxida	JQ347732	86.57	99.54	2.10869e-65	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT3209 cytochrome oxida	JQ347798	86.18	100	7.36005e-65	Coleoptera	Scarabaeidae	Copris tripartitus
Elmidae sp. BOLD:ACG2298 voucher MDFRC_CO0011 cyto	KP697459	86.45	98.62	2.56891e-64	Coleoptera	Elmidae	Elmidae sp. BOLD:ACG2298
Copris tripartitus isolate CT3213 cytochrome oxida	JQ347800	86.11	99.54	2.56891e-64	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT2481 cytochrome oxida	JQ347795	86.11	99.54	2.56891e-64	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT2483 cytochrome oxida	JQ347794	86.11	99.54	2.56891e-64	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT2479 cytochrome oxida	JQ347793	86.11	99.54	2.56891e-64	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT2474 cytochrome oxida	JQ347788	86.11	99.54	2.56891e-64	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT2472 cytochrome oxida	JQ347786	86.11	99.54	2.56891e-64	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT2470 cytochrome oxida	JQ347784	86.11	99.54	2.56891e-64	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT2469 cytochrome oxida	JQ347783	86.11	99.54	2.56891e-64	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT2467 cytochrome oxida	JQ347781	86.11	99.54	2.56891e-64	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT2464 cytochrome oxida	JQ347778	86.11	99.54	2.56891e-64	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT2463 cytochrome oxida	JQ347777	86.11	99.54	2.56891e-64	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT1869 cytochrome oxida	JQ347776	86.11	99.54	2.56891e-64	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT1868 cytochrome oxida	JQ347775	86.11	99.54	2.56891e-64	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT1867 cytochrome oxida	JQ347774	86.11	99.54	2.56891e-64	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT1863 cytochrome oxida	JQ347770	86.11	99.54	2.56891e-64	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT1855 cytochrome oxida	JQ347762	86.11	99.54	2.56891e-64	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT3190 cytochrome oxida	JQ347760	86.11	99.54	2.56891e-64	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT3177 cytochrome oxida	JQ347748	86.11	99.54	2.56891e-64	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT3176 cytochrome oxida	JQ347747	86.11	99.54	2.56891e-64	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT2496 cytochrome oxida	JQ347743	86.11	99.54	2.56891e-64	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT2492 cytochrome oxida	JQ347739	86.11	99.54	2.56891e-64	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT2491 cytochrome oxida	JQ347738	86.11	99.54	2.56891e-64	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT2490 cytochrome oxida	JQ347737	86.11	99.54	2.56891e-64	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT2488 cytochrome oxida	JQ347735	86.11	99.54	2.56891e-64	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT2487 cytochrome oxida	JQ347734	86.11	99.54	2.56891e-64	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT2486 cytochrome oxida	JQ347733	86.11	99.54	2.56891e-64	Coleoptera	Scarabaeidae	Copris tripartitus
Nicrophorus obscurus voucher AF DSSC006358Nic cyto	EF537642	86.11	99.54	2.56891e-64	Coleoptera	Silphidae	Nicrophorus obscurus
Nicrophorus obscurus voucher AF DSSC006336Nic cyto	EF537641	86.11	99.54	2.56891e-64	Coleoptera	Silphidae	Nicrophorus obscurus
Heterelmis sp. gmycB5 haplotype HapB08 cytochrome	KR134417	86.38	98.16	8.96638e-64	Coleoptera	Elmidae	Heterelmis sp. gmycB5
Heterelmis sp. gmycB5 haplotype HapB13 cytochrome	KR134422	85.92	98.16	1.09233e-62	Coleoptera	Elmidae	Heterelmis sp. gmycB5
Heterelmis sp. gmycB5 haplotype HapB12 cytochrome	KR134421	85.92	98.16	1.09233e-62	Coleoptera	Elmidae	Heterelmis sp. gmycB5
Heterelmis sp. gmycB5 haplotype HapB11 cytochrome	KR134420	85.92	98.16	1.09233e-62	Coleoptera	Elmidae	Heterelmis sp. gmycB5
Copris tripartitus isolate CT2476 cytochrome oxida	JQ347790	85.65	99.54	1.09233e-62	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT2471 cytochrome oxida	JQ347785	85.65	99.54	1.09233e-62	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT2468 cytochrome oxida	JQ347782	85.65	99.54	1.09233e-62	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT2466 cytochrome oxida	JQ347780	85.65	99.54	1.09233e-62	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT1856 cytochrome oxida	JQ347763	85.65	99.54	1.09233e-62	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT3189 cytochrome oxida	JQ347759	85.65	99.54	1.09233e-62	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT2498 cytochrome oxida	JQ347745	85.65	99.54	1.09233e-62	Coleoptera	Scarabaeidae	Copris tripartitus
Copris tripartitus isolate CT2493 cytochrome oxida	JQ347740	85.65	99.54	1.09233e-62	Coleoptera	Scarabaeidae	Copris tripartitus
Galerucinae sp. 3 BT-2014 voucher BT_0098 cytochro	KJ677547	85.85	97.7	3.8126e-62	Coleoptera	Chrysomelidae	Galerucinae sp. 3 BT-2014
Sclerocyphon sp. B-10 cytochrome oxidase subunit I	AY762853	85.25	100	3.8126e-62	Coleoptera	Psephenidae	Sclerocyphon sp. B-10
Onychelmis sp. gmycB18 haplotype HapB23 cytochrome	KR134432	85.19	99.54	1.33073e-61	Coleoptera	Elmidae	Onychelmis sp. gmycB18
Nicrophorus pustulatus voucher 08SOCOL-0015 cytoch	KM845494	85.19	99.54	1.33073e-61	Coleoptera	Silphidae	Nicrophorus pustulatus
Triarthria setipennis voucher RMBR:103764 cytochro	GQ409379	85.19	99.54	1.33073e-61	Diptera	Tachinidae	Triarthria setipennis
Heterelmis sp. gmycB5 haplotype HapB10 cytochrome	KR134419	85.45	98.16	4.6447e-61	Coleoptera	Elmidae	Heterelmis sp. gmycB5
Bombyliidae sp. BOLD:AAH3064 voucher 08BBDIP-1058	KM571577	85.12	99.08	4.6447e-61	Diptera	Bombyliidae	Bombyliidae sp. BOLD:AAH3064
Bombyliidae sp. BOLD:AAH3064 voucher 08BBDIP-1720	KM570242	85.12	99.08	4.6447e-61	Diptera	Bombyliidae	Bombyliidae sp. BOLD:AAH3064
Eutyctus deserti voucher BC-TB6342 cytochrome oxid	KJ492949	85.45	98.16	4.6447e-61	Coleoptera	Scarabaeidae	Eutyctus deserti
Lorelus crassicornis cytochrome oxidase subunit I	KJ003261	85.45	98.16	4.6447e-61	Coleoptera	Tenebrionidae	Lorelus crassicornis
Sclerocyphon sp. B-9 cytochrome oxidase subunit I	AY762856	85.71	96.77	4.6447e-61	Coleoptera	Psephenidae	Sclerocyphon sp. B-9
Atheta allocera voucher BIOUG02651-C03 cytochrome	KR486553	87	92.17	1.62116e-60	Coleoptera	Staphylinidae	Atheta allocera
Staphylinidae sp. BOLD:ABW4510 voucher BIOUG14428-	KR486255	87	92.17	1.62116e-60	Coleoptera	Staphylinidae	Staphylinidae sp. BOLD:ABW4510
Staphylinidae sp. BOLD:ABW4510 voucher BIOUG14428-	KR485174	87	92.17	1.62116e-60	Coleoptera	Staphylinidae	Staphylinidae sp. BOLD:ABW4510
Dolichopodidae sp. BOLD:ACJ1157 voucher BIOUG08444	KM911910	84.79	100	1.62116e-60	Diptera	Dolichopodidae	Dolichopodidae sp. BOLD:ACJ1157
Dolichopodidae sp. BOLD:ACJ1157 voucher BIOUG08087	KM905580	84.79	100	1.62116e-60	Diptera	Dolichopodidae	Dolichopodidae sp. BOLD:ACJ1157
Dolichopodidae sp. BOLD:ACJ1157 voucher BIOUG08702	KM915528	84.79	100	1.62116e-60	Diptera	Dolichopodidae	Dolichopodidae sp. BOLD:ACJ1157
Atheta allocera voucher BIOUG05926-A03 cytochrome	KM850501	87	92.17	1.62116e-60	Coleoptera	Staphylinidae	Atheta allocera
Atheta allocera voucher BIOUG05926-C01 cytochrome	KM848197	87	92.17	1.62116e-60	Coleoptera	Staphylinidae	Atheta allocera
Denticollis nipponensis voucher Dnipn5 cytochrome	KM612542	84.79	100	1.62116e-60	Coleoptera	Elateridae	Denticollis nipponensis
Denticollis nipponensis voucher Dnipn2 cytochrome	KM612541	84.79	100	1.62116e-60	Coleoptera	Elateridae	Denticollis nipponensis
Atheta allocera voucher ZMUO<FIN>:002397 cytochrom	KJ964729	87	92.17	1.62116e-60	Coleoptera	Staphylinidae	Atheta allocera
Atheta allocera voucher ZMUO<FIN>:002391 cytochrom	KJ961882	87	92.17	1.62116e-60	Coleoptera	Staphylinidae	Atheta allocera
Elaphropeza cf. malayensis AB32735544 cytochrome o	KJ082794	84.93	99.54	1.62116e-60	Diptera	Hybotidae	Elaphropeza cf. malayensis AB32735544
Sclerocyphon sp. B-17 cytochrome oxidase subunit I	AY762859	84.79	100	1.62116e-60	Coleoptera	Psephenidae	Sclerocyphon sp. B-17
Sclerocyphon sp. B-11 cytochrome oxidase subunit I	AY762857	84.79	100	1.62116e-60	Coleoptera	Psephenidae	Sclerocyphon sp. B-11
Sclerocyphon sp. B-16 cytochrome oxidase subunit I	AY762855	84.79	100	1.62116e-60	Coleoptera	Psephenidae	Sclerocyphon sp. B-16
Sclerocyphon sp. B-8 cytochrome oxidase subunit I	AY762854	84.79	100	1.62116e-60	Coleoptera	Psephenidae	Sclerocyphon sp. B-8
Sclerocyphon sp. B-12 cytochrome oxidase subunit I	AY762852	84.79	100	1.62116e-60	Coleoptera	Psephenidae	Sclerocyphon sp. B-12
Sclerocyphon sp. B-13 cytochrome oxidase subunit I	AY762850	84.79	100	1.62116e-60	Coleoptera	Psephenidae	Sclerocyphon sp. B-13
Empididae sp. BOLD:AAF9817 voucher BIOUG14233-A02	KR519231	84.72	99.54	5.6584e-60	Diptera	Empididae	Empididae sp. BOLD:AAF9817
Rhamphomyia umbrosa voucher 09BBEDI-0315 cytochrom	KR427502	84.72	99.54	5.6584e-60	Diptera	Empididae	Rhamphomyia umbrosa