

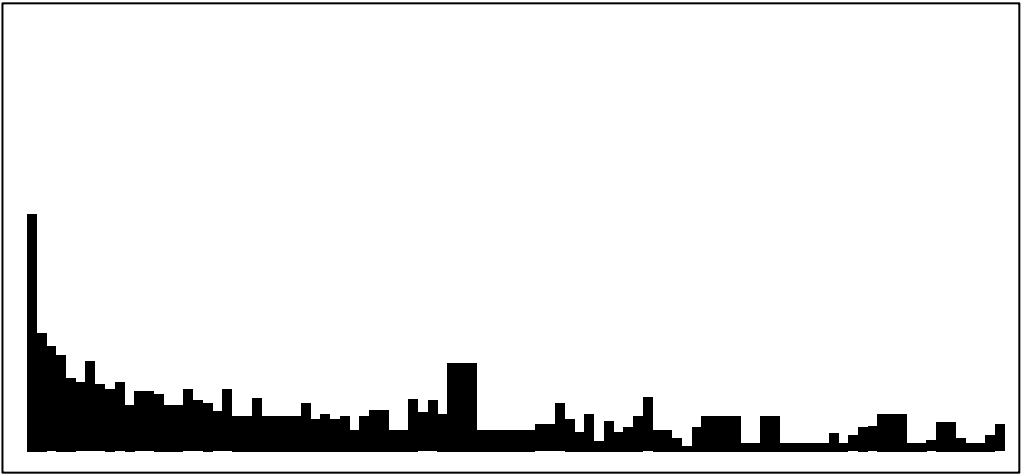
OTU\_10.csv

Ptychoptera sp. ATB–2011

Ptychopteridae

Diptera

91.14



Ptychoptera sp. ATB–2011 mitochondrion, complete g	JN861744	91.14	100	1.07135e–53	Diptera	Ptychopteridae	Ptychoptera sp. ATB–2011
Trichocera bimacula mitochondrion, complete genome	JN861750	85.53	100	3.99607e–40	Diptera	Trichoceridae	Trichocera bimacula
Trichocera brevicornis 16S ribosomal RNA gene, par	KC177458	84.91	100	1.69917e–38	Diptera	Trichoceridae	Trichocera brevicornis
Urytalpa macrocera 16S ribosomal RNA gene, partial	FJ172025	84.52	97.47	2.52179e–36	Diptera	Keroplastidae	Urytalpa macrocera
Edwardsina gigantea 16S ribosomal RNA gene, partia	KC177460	83.44	99.37	8.80193e–36	Diptera	Blephariceridae	Edwardsina gigantea
Thaumatomyia notata 16S ribosomal RNA gene, parti	KC177449	83.23	99.37	3.07217e–35	Diptera	Chloropidae	Thaumatomyia notata
Leptomorphus walkeri 16S ribosomal RNA gene, parti	FJ172020	84.21	93.67	3.07217e–35	Diptera	Mycetophilidae	Leptomorphus walkeri
Limonia tahitiensis voucher O'Grady 202004 16S rib	EU005425	83.12	100	3.07217e–35	Diptera	Limoniidae	Dicranomyia tahitiensis
Parochlus steinenii isolate Sejong01 mitochondrion	KT003702	82.91	100	1.07229e–34	Diptera	Chironomidae	Parochlus steinenii
Bolitophila occulsa voucher JSB2 16S ribosomal RNA	KJ136713	83.23	97.47	1.07229e–34	Diptera	Mycetophilidae	Bolitophila occulsa
Dolichopodidae nr. Oedematopus sp. Pollet 0315 16S	HQ448979	82.17	99.37	3.74267e–34	Diptera	Dolichopodidae	Dolichopodidae nr. Oedematopus sp. Pollet 0315
Chrysops viduatus 16S ribosomal RNA gene, partial	HM132115	82.8	99.37	3.74267e–34	Diptera	Tabanidae	Chrysops viduatus
Chrysops carbonarius 16S ribosomal RNA gene, parti	AY123341	82.8	99.37	3.74267e–34	Diptera	Tabanidae	Chrysops carbonarius
Xylosciara betulae voucher 950 16S ribosomal RNA g	JQ613963	82.69	97.47	1.30632e–33	Diptera	Sciaridae	Xylosciara betulae
Chorisops tunisiae 16S ribosomal RNA gene, partial	GU947379	82.17	99.37	4.55951e–33	Diptera	Stratiomyidae	Chorisops tunisiae
Tabanus maculicornis 16S ribosomal RNA gene, parti	HM132112	82.17	99.37	4.55951e–33	Diptera	Tabanidae	Tabanus maculicornis
Speolepta leptogaster 16S ribosomal RNA gene, part	FJ172033	82.89	96.2	4.55951e–33	Diptera	Mycetophilidae	Speolepta leptogaster
Pedicia albivitta voucher O'Grady 200012 16S ribos	EU005435	82.39	100	4.55951e–33	Diptera	Pediciidae	Pedicia albivitta
Graphoderus liberus voucher KBMGrl69 16S ribosoma	KF979094	82.28	99.37	1.59143e–32	Coleoptera	Dytiscidae	Graphoderus liberus
Clusiodes ruficollis 16S ribosomal RNA gene, parti	EU268538	81.88	99.37	1.59143e–32	Diptera	Clusiidae	Clusiodes ruficollis
Boletina gripha isolate 033462 16S ribosomal RNA g	HQ230380	82.89	96.2	5.55462e–32	Diptera	Mycetophilidae	Boletina gripha
Cyphomyia notabilis 16S ribosomal RNA gene, parti	GU947403	81.65	100	5.55462e–32	Diptera	Stratiomyidae	Cyphomyia notabilis
Simulium nili 16S ribosomal RNA gene, partial sequ	AY944188	81.65	100	5.55462e–32	Diptera	Simuliidae	Simulium nili
Hydrotaea irritans 16S ribosomal RNA gene, partial	FJ025443	82.5	99.37	5.55462e–32	Diptera	Muscidae	Hydrotaea irritans
Simulium laterale mitochondrial gene for 16S rRNA,	AB093107	81.65	100	5.55462e–32	Diptera	Simuliidae	Simulium laterale
Simulium dumogaense mitochondrial gene for 16S rRN	AB093106	81.65	100	5.55462e–32	Diptera	Simuliidae	Simulium dumogaense
Simulium bishopi mitochondrial gene for 16S rRNA,	AB093105	81.65	100	5.55462e–32	Diptera	Simuliidae	Simulium bishopi
Graphoderus occidentalis voucher KBMGroc207 16S ri	KF979095	81.65	99.37	1.93875e–31	Coleoptera	Dytiscidae	Graphoderus occidentalis
Nodicornis nodicornis voucher Pollet 0072 (P) 16S	EU864014	82.28	99.37	1.93875e–31	Diptera	Dolichopodidae	Nodicornis nodicornis
Hercostomus verbekei voucher Pollet 0263 (P) 16S r	EU864004	81.53	99.37	1.93875e–31	Diptera	Dolichopodidae	Hercostomus verbekei
Libnotes orofenaae voucher O'Grady 202034 16S ribo	EU005431	81.76	100	1.93875e–31	Diptera	Limoniidae	Libnotes orofenaae
Tabanus rufroater 16S ribosomal RNA gene, partial	AY140887	81.53	99.37	1.93875e–31	Diptera	Tabanidae	Tabanus rufroater
Arganthomyza duplex isolate A50 16S ribosomal RNA	KJ418470	81.65	99.37	6.76691e–31	Diptera	Anthomyzidae	Arganthomyza duplex
Bertamyia notata isolate 1304 16S ribosomal RNA ge	KC699314	81.01	99.37	6.76691e–31	Diptera	Platyppezidae	Bertamyia notata
Thermonectus nobilis voucher KBMThno256 16S riboso	KF979114	81.65	99.37	6.76691e–31	Coleoptera	Dytiscidae	Thermonectus nobilis
Boletina gripha isolate 057361 16S ribosomal RNA g	HQ230381	81.94	97.47	6.76691e–31	Diptera	Mycetophilidae	Boletina gripha
Boletina gripha isolate 015271 16S ribosomal RNA g	HQ230378	81.94	97.47	6.76691e–31	Diptera	Mycetophilidae	Boletina gripha
Simulium rubibasis 16S ribosomal RNA gene, partial	GQ866016	81.01	100	6.76691e–31	Diptera	Simuliidae	Simulium rubibasis
Simulium yuphae 16S ribosomal RNA gene, partial se	GQ866015	81.01	100	6.76691e–31	Diptera	Simuliidae	Simulium yuphae
Medina sp. Med_24022006 mitochondrial gene for 16S	AB465907	82.47	96.2	6.76691e–31	Diptera	Tachinidae	Medina sp. Med_24022006
Pyratula zonata 16S ribosomal RNA gene, partial se	FJ172004	81.82	94.94	6.76691e–31	Diptera	Keroplastidae	Pyratula zonata
Limnophora riparia 16S ribosomal RNA gene, partial	FJ025449	82.39	99.37	6.76691e–31	Diptera	Muscidae	Limnophora riparia
Limonia hawaiiensis voucher O'Grady 200106 16S rib	EU005403	81.76	100	6.76691e–31	Diptera	Limoniidae	Dicranomyia hawaiiensis
Ceriana sp. A 16S ribosomal RNA gene, partial sequ	AF154755	84.14	91.14	6.76691e–31	Diptera	Syrphidae	Ceriana sp. A
Ceriana sp. A 16S ribosomal RNA gene, partial sequ	AF154754	84.14	91.14	6.76691e–31	Diptera	Syrphidae	Ceriana sp. A
Ceriana sp. A 16S ribosomal RNA gene, partial sequ	AF154753	84.14	91.14	6.76691e–31	Diptera	Syrphidae	Ceriana sp. A
Simulium rubibasis mitochondrial gene for 16S rRNA	AB093121	81.01	100	6.76691e–31	Diptera	Simuliidae	Simulium rubibasis
Simulium nikkoense mitochondrial gene for 16S rRNA	AB093116	81.01	100	6.76691e–31	Diptera	Simuliidae	Simulium nikkoense
Simulium baltazarae mitochondrial gene for 16S rRN	AB093114	81.01	100	6.76691e–31	Diptera	Simuliidae	Simulium baltazarae
Simulium taalense mitochondrial gene for 16S rRNA,	AB093109	81.01	100	6.76691e–31	Diptera	Simuliidae	Simulium taalense
Simulium aokii mitochondrial gene for 16S ribosoma	AB056745	81.01	100	6.76691e–31	Diptera	Simuliidae	Simulium aokii
Simulium bivittatum mitochondrion 16S ribosomal RN	U17727	81.01	100	6.76691e–31	Diptera	Simuliidae	Simulium bivittatum
Cnephia dacotensis mitochondrial 16S ribosomal RNA	L13403	81.25	100	6.76691e–31	Diptera	Simuliidae	Cnephia dacotensis
Simulium suyoense mitochondrial gene for 16S ribos	LC035000	81.25	100	2.36188e–30	Diptera	Simuliidae	Simulium suyoense
Boletina griphoides isolate 009627 16S ribosomal R	HQ230370	82.24	96.2	2.36188e–30	Diptera	Mycetophilidae	Boletina griphoides
Clitellaria ephippium 16S ribosomal RNA gene, part	GU947399	81.53	99.37	2.36188e–30	Diptera	Stratiomyidae	Clitellaria ephippium
Actina chalybea 16S ribosomal RNA gene, partial se	GU947372	80.89	99.37	2.36188e–30	Diptera	Acroceridae	Actina chalybea
Simulium oblongum mitochondrial gene for 16S ribos	AB334089	81.76	100	2.36188e–30	Diptera	Simuliidae	Simulium oblongum
Derodontus emaculatus voucher BMNH:679374 16S ribo	DQ202609	80.49	100	2.36188e–30	Coleoptera	Simuliidae	Derodontus emaculatus
Arachnocampa otwayiensis biotype 5 16S large subun	AY576348	81.41	97.47	2.36188e–30	Diptera	Keroplastidae	Arachnocampa otwayiensis
Gluma musgravi 16S ribosomal RNA gene, partial se	AF403467	80.89	99.37	2.36188e–30	Diptera	Coelopidae	Gluma musgravi
Simulium grossifilum mitochondrial gene for 16S rR	AB093102	81.13	100	2.36188e–30	Diptera	Simuliidae	Simulium grossifilum
Lispe nivalis voucher RMBR:116207 16S ribosomal RN	KJ476315	81.65	99.37	8.24379e–30	Diptera	Muscidae	Lispe nivalis
Diadocidia bruneicola voucher JSSJ16 16S ribosomal	KJ136744	82.52	90.51	8.24379e–30	Diptera	Diadocidiidae	Diadocidia bruneicola
Graphoderus zonatus voucher KBMGzro66 16S ribosoma	KF979097	81.01	99.37	8.24379e–30	Coleoptera	Dytiscidae	Graphoderus zonatus
Pherbellia cinerella voucher MU_NUS_NSCU_3 16S rib	JN828223	81.01	99.37	8.24379e–30	Diptera	Sciomyzidae	Pherbellia cinerella
Carabus reitterianus reitterianus voucher CC00497	JQ647086	80.62	99.37	8.24379e–30	Coleoptera	Carabidae	Carabus reitterianus reitterianus
Cramptonomyia spenceri mitochondrion, complete gen	JN861747	80.25	99.37	8.24379e–30	Diptera	Pachyneuridae	Cramptonomyia spenceri
Poecilobothrus principalis voucher Pollet 0198 (P)	EU864010	81.13	99.37	8.24379e–30	Diptera	Dolichopodidae	Poecilobothrus principalis
Hercostomus praeceps voucher Pollet 0141 (P) 16S r	EU864003	81.65	99.37	8.24379e–30	Diptera	Dolichopodidae	Hercostomus praeceps
Hercostomus fulvicaudis voucher Pollet 0154 (P) 16	EU863992	81.65	99.37	8.24379e–30	Diptera	Dolichopodidae	Hercostomus fulvicaudis
Calozenillia tamara mitochondrial gene for 16S rRN	AB465934	81.65	99.37	8.24379e–30	Diptera	Tachinidae	Calozenillia tamara
Paraclius digitatus voucher RMBR:103462 16S riboso	FJ808190	81.65	99.37	8.24379e–30	Diptera	Dolichopodidae	Paraclius digitatus
Anthomyza pleuralis 16S ribosomal RNA gene, parti	EU268543	80.38	99.37	8.24379e–30	Diptera	Anthomyzidae	Anthomyza pleuralis
Anthomyza macra 16S ribosomal RNA gene, partial se	EU268526	80.38	99.37	8.24379e–30	Diptera	Anthomyzidae	Anthomyza macra
Melanostoma apicale 16S ribosomal RNA gene, parti	AF154791	81.65	99.37	8.24379e–30	Diptera	Syrphidae	Melanostoma apicale
Melanostoma apicale 16S ribosomal RNA gene, parti	AF154789	81.65	99.37	8.24379e–30	Diptera	Syrphidae	Melanostoma apicale
Simulium nobile isolate N5 16S ribosomal RNA gene,	KP661530	80.38	100	2.87736e–29	Diptera	Simuliidae	Simulium nobile
Simulium nobile isolate N4 16S ribosomal RNA gene,	KP661529	80.38	100	2.87736e–29	Diptera	Simuliidae	Simulium nobile
Simulium nobile isolate N3 16S ribosomal RNA gene,	KP661528	80.38	100	2.87736e–29	Diptera	Simuliidae	Simulium nobile
Simulium nobile isolate N2 16S ribosomal RNA gene,	KP661527	80.38	100	2.87736e–29	Diptera	Simuliidae	Simulium nobile
Simulium nobile isolate N1 16S ribosomal RNA gene,	KP661526	80.38	100	2.87736e–29	Diptera	Simuliidae	Simulium nobile
Ischnomyia spinosa isolate A48 16S ribosomal RNA g	KJ418468	80.86	99.37	2.87736e–29	Diptera	Anthomyzidae	Ischnomyia spinosa
Bertamyia notata isolate BN39 16S ribosomal RNA ge	KC699324	80.38	99.37	2.87736e–29	Diptera	Platyppezidae	Bertamyia notata
Eretes griseus voucher UNM KBMEgr105 16S ribosoma	KJ548325	80.75	99.37	2.87736e–29	Coleoptera	Dytiscidae	Eretes griseus
Chiasmoneura anthracina voucher JSB6 16S ribosomal	KJ136717	81.13	97.47	2.87736e–29	Diptera	Keroplastidae	Chiasmoneura anthracina
Boletina sp. 014967 16S ribosomal RNA gene, parti	HQ230375	81.17	97.47	2.87736e–29	Diptera	Mycetophilidae	Boletina sp. 014967
Gymnopternus celer voucher Pollet 0018 (P) 16S rib	EU863977	81.76	99.37	2.87736e–29	Diptera	Dolichopodidae	Gymnopternus celer
Gymnopternus celer voucher Pollet 0051 (P) 16S rib	EU863978	81.76	99.37	2.87736e–29	Diptera	Dolichopodidae	Gymnopternus celer
Gymnopternus brevicornis voucher Pollet 0036 (P) 1	EU863974	81.76	99.37	2.87736e–29	Diptera	Dolichopodidae	Gymnopternus brevicornis
Simulium chamlongi 16S ribosomal RNA gene, partial	GQ866020	80.38	100	2.87736e–29	Diptera	Simuliidae	Simulium chamlongi
Simulium nobile 16S ribosomal RNA gene, partial se	GQ866008	80.38	100	2.87736e–29	Diptera	Simuliidae	Simulium nobile
Simulium siripoomense 16S ribosomal RNA gene, part	GQ866003	80.5	100	2.87736e–29	Diptera	Simuliidae	Simulium siripoomense
Musca domestica isolate CSU0907186180 16S ribosoma	GQ396696	81.37	99.37	2.87736e–29	Diptera	Muscidae	Musca domestica
Musca domestica isolate CSU0901283180 16S ribosoma	FJ763711	81.37	99.37	2.87736e–29	Diptera	Muscidae	Musca domestica
Hydrotaea dentipes 16S ribosomal RNA gene, partial	FJ025442	80.62	99.37	2.87736e–29	Diptera	Muscidae	Hydrotaea dentipes
Papuadytes perfectus mitochondrial 16S rRNA gene (	AM404029	80.38	99.37	2.87736e–29	Coleoptera	Dytiscidae	Papuadytes perfectus
Papuadytes sp. MB133 mitochondrial 16S rRNA gene (	AM404023	80.38	99.37	2.87736e–29	Coleoptera	Dytiscidae	Papuadytes sp. MB133
Arachnocampa otwayiensis biotype 1 16S large subun	AY576347	80.77	97.47	2.87736e–29	Diptera	Keroplastidae	Arachnocampa otwayiensis
Agabus labiatus 16S ribosomal RNA gene, partial se	AY138618	81.25	99.37	2.87736e–29	Coleoptera	Dytiscidae	Agabus labiatus