

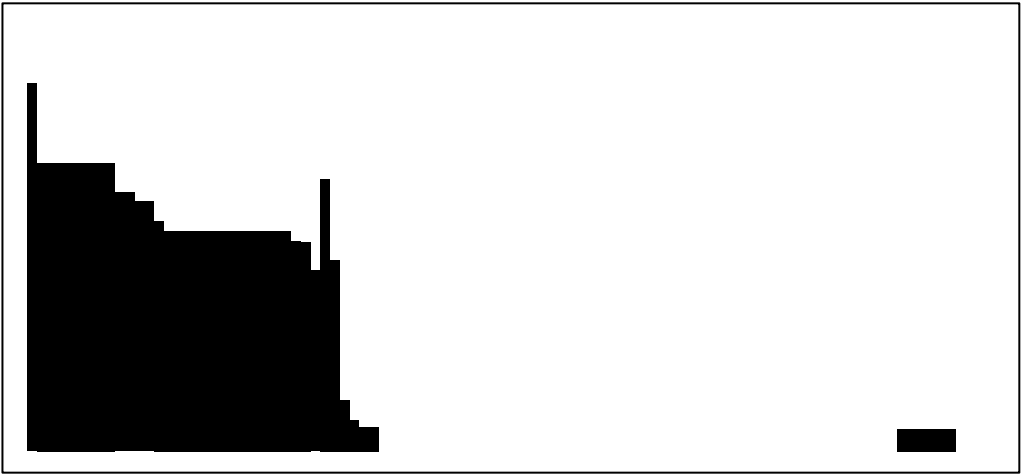
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Formicidae sp. NZAC 03012775

Formicidae

Hymenoptera

97.24



Formicidae sp. NZAC 03012775 cytochrome oxidase su	KP421783	97.24	100	1.97149e-97	Hymenoptera	Formicidae	Formicidae sp. NZAC 03012775
Hymenoptera sp. ASAHY857-14 voucher BIOUG09328-A01	KM998063	93.52	99.54	4.95479e-86	Hymenoptera		Hymenoptera sp. ASAHY857-14
Hymenoptera sp. ASAHY869-14 voucher BIOUG09328-B01	KM997940	93.52	99.54	4.95479e-86	Hymenoptera		Hymenoptera sp. ASAHY869-14
Hymenoptera sp. ASAHY950-14 voucher BIOUG09328-H10	KM997906	93.52	99.54	4.95479e-86	Hymenoptera		Hymenoptera sp. ASAHY950-14
Hymenoptera sp. ASAHY912-14 voucher BIOUG09328-E08	KM997401	93.52	99.54	4.95479e-86	Hymenoptera		Hymenoptera sp. ASAHY912-14
Hymenoptera sp. ASAHY861-14 voucher BIOUG09328-A05	KM996859	93.52	99.54	4.95479e-86	Hymenoptera		Hymenoptera sp. ASAHY861-14
Hymenoptera sp. ASAHY844-13 voucher BIOUG07488-G11	KM996857	93.52	99.54	4.95479e-86	Hymenoptera		Hymenoptera sp. ASAHY844-13
Hymenoptera sp. ASAHY946-14 voucher BIOUG09328-H06	KM996197	93.52	99.54	4.95479e-86	Hymenoptera		Hymenoptera sp. ASAHY946-14
Hymenoptera sp. ASAHY926-14 voucher BIOUG09328-F10	KM995931	93.52	99.54	4.95479e-86	Hymenoptera		Hymenoptera sp. ASAHY926-14
Mycetophila lunata cytochrome oxidase subunit I (C	KM679400	92.13	99.54	1.09136e-81	Diptera	Mycetophilidae	Mycetophila lunata
Flavina sp. 1 LZ-2010 cytochrome c oxidase subunit	HM452248	92.13	99.54	1.09136e-81	Hemiptera	Issidae	Flavina sp. 1 LZ-2010
Eucharitidae sp. ASEUA024-11 cytochrome oxidase su	KC182318	91.71	100	3.80924e-81	Hymenoptera	Eucharitidae	Eucharitidae sp. ASEUA024-11
Eucharitidae sp. ASEUA042-11 cytochrome oxidase su	KC182291	91.71	100	3.80924e-81	Hymenoptera	Eucharitidae	Eucharitidae sp. ASEUA042-11
Calopteryx maculata cytochrome oxidase subunit 1 (KM383849	90.78	100	1.97323e-78	Odonata	Calopterygidae	Calopteryx maculata
Paracalliope fluviatilis haplotype PfH84 cytochrom	KR336948	90.32	100	8.3904e-77	Amphipoda	Paracalliopiidae	Paracalliope fluviatilis
Paracalliope fluviatilis haplotype PfH83 cytochrom	KR336947	90.32	100	8.3904e-77	Amphipoda	Paracalliopiidae	Paracalliope fluviatilis
Paracalliope fluviatilis haplotype PfH82 cytochrom	KR336946	90.32	100	8.3904e-77	Amphipoda	Paracalliopiidae	Paracalliope fluviatilis
Paracalliope fluviatilis haplotype PfH81 cytochrom	KR336945	90.32	100	8.3904e-77	Amphipoda	Paracalliopiidae	Paracalliope fluviatilis
Paracalliope fluviatilis haplotype PfH79 cytochrom	KR336943	90.32	100	8.3904e-77	Amphipoda	Paracalliopiidae	Paracalliope fluviatilis
Paracalliope fluviatilis haplotype PfH65 cytochrom	KR336929	90.32	100	8.3904e-77	Amphipoda	Paracalliopiidae	Paracalliope fluviatilis
Paracalliope fluviatilis haplotype PfH64 cytochrom	KR336928	90.32	100	8.3904e-77	Amphipoda	Paracalliopiidae	Paracalliope fluviatilis
Paracalliope fluviatilis haplotype PfH61 cytochrom	KR336925	90.32	100	8.3904e-77	Amphipoda	Paracalliopiidae	Paracalliope fluviatilis
Paracalliope fluviatilis haplotype PfH60 cytochrom	KR336924	90.32	100	8.3904e-77	Amphipoda	Paracalliopiidae	Paracalliope fluviatilis
Paracalliope fluviatilis haplotype PfH59 cytochrom	KR336923	90.32	100	8.3904e-77	Amphipoda	Paracalliopiidae	Paracalliope fluviatilis
Paracalliope fluviatilis haplotype PfH58 cytochrom	KR336922	90.32	100	8.3904e-77	Amphipoda	Paracalliopiidae	Paracalliope fluviatilis
Endopterygota sp. NZAC 03009225 cytochrome oxidase	KP422277	90.32	100	8.3904e-77	Amphipoda	Paracalliopiidae	Endopterygota sp. NZAC 03009225
Rickettsia endosymbiont of Macrolophus sp. partial	HE583223	90.32	100	8.3904e-77	Rickettsiales	Rickettsiaceae	Rickettsia endosymbiont of Macrolophus sp.
Paracalliope fluviatilis haplotype PfH80 cytochrom	KR336944	89.86	100	1.02216e-75	Amphipoda	Paracalliopiidae	Paracalliope fluviatilis
Hymenoptera sp. NZAC 03011947 cytochrome oxidase s	KP421136	89.81	99.54	3.56769e-75	Hymenoptera		Hymenoptera sp. NZAC 03011947
Hymenoptera sp. NZAC 03011268 cytochrome oxidase s	KP421611	88.48	100	2.25146e-71	Hymenoptera		Hymenoptera sp. NZAC 03011268
Uncultured Rickettsia sp. cytochrome oxidase subun	KF005604	92.78	82.95	1.42082e-67	Rickettsiales	Rickettsiaceae	uncultured Rickettsia sp.
Hymenoptera sp. SSWLD2149-13 voucher BIOUG06368-A0	KM562170	88.95	79.26	4.35018e-55	Hymenoptera		Hymenoptera sp. SSWLD2149-13
Chironomidae sp. SSJAB388-13 voucher BIOUG05293-C1	KM966683	82.41	99.54	5.2996e-54	Diptera	Chironomidae	Chironomidae sp. SSJAB388-13
Protopolystoma xenopodis genome assembly P_xenopod	LM749305	81.48	99.54	9.5819e-51	Polypisthocotylea	Polystomatidae	Protopolystoma xenopodis
Hymenoptera sp. BOLD:ACE5209 voucher BIOUG04529-H1	KM568038	81.13	97.7	1.42208e-48	Hymenoptera		Hymenoptera sp. BOLD:ACE5209
Hymenoptera sp. BOLD:ACE5209 voucher BIOUG03191-B0	KM565576	81.13	97.7	1.42208e-48	Hymenoptera		Hymenoptera sp. BOLD:ACE5209
Rickettsia canadensis str. CA410, complete genome	CP003304	78.77	97.7	1.62259e-41	Rickettsiales	Rickettsiaceae	Rickettsia canadensis str. CA410
Rickettsia canadensis str. McKiel, complete genome	CP000409	78.77	97.7	1.62259e-41	Rickettsiales	Rickettsiaceae	Rickettsia canadensis str. McKiel
Rickettsia endosymbiont of Macrolophus pygmaeus pa	HE583222	77.93	98.16	2.40814e-39	Rickettsiales	Rickettsiaceae	Rickettsia endosymbiont of Macrolophus pygmaeus
Rickettsia bellii OSU 85-389, complete genome	CP000849	77.93	98.16	2.40814e-39	Rickettsiales	Rickettsiaceae	Rickettsia bellii OSU 85-389
Rickettsia bellii RML369-C, complete genome	CP000087	77.93	98.16	2.40814e-39	Rickettsiales	Rickettsiaceae	Rickettsia bellii RML369-C
Hymenoptera sp. CNRMF043-12 voucher BIOUG03796-H08	KM561203	77.99	96.31	8.40524e-39	Hymenoptera		Hymenoptera sp. CNRMF043-12
Rickettsia monacensis, strain lRr/Munich, complete	LN794217	77.36	97.7	1.02397e-37	Rickettsiales	Rickettsiaceae	Rickettsia monacensis
Rickettsia rhipicephali strain HJ#5, complete geno	CP013133	78.72	86.64	1.5197e-35	Rickettsiales	Rickettsiaceae	Rickettsia rhipicephali
Rickettsia raoultii strain Khabarovsk genome	CP010969	78.72	86.64	1.5197e-35	Rickettsiales	Rickettsiaceae	Rickettsia raoultii
Rickettsia rhipicephali str. 3-7-female6-CWPP, com	CP003342	78.72	86.64	1.5197e-35	Rickettsiales	Rickettsiaceae	Rickettsia rhipicephali str. 3-7-female6-CWPP
Rickettsia australis str. Cutlack, complete genome	CP003338	76.53	98.16	1.5197e-35	Rickettsiales	Rickettsiaceae	Rickettsia australis str. Cutlack
Rickettsia japonica YH DNA, complete genome	AP011533	78.72	86.64	1.5197e-35	Rickettsiales	Rickettsiaceae	Rickettsia japonica YH
Rickettsia heilongjiangensis 054, complete genome	CP002912	78.72	86.64	1.5197e-35	Rickettsiales	Rickettsiaceae	Rickettsia heilongjiangensis 054
Candidatus Rickettsia amblyommii strain Ac37, comp	CP012420	78.19	86.64	6.46194e-34	Rickettsiales	Rickettsiaceae	Candidatus Rickettsia amblyommii
Rickettsia rickettsii str. Morgan, complete genome	CP006010	78.19	86.64	6.46194e-34	Rickettsiales	Rickettsiaceae	Rickettsia rickettsii str. Morgan
Rickettsia rickettsii str. R, complete genome	CP006009	78.19	86.64	6.46194e-34	Rickettsiales	Rickettsiaceae	Rickettsia rickettsii str. R
Rickettsia rickettsii str. Iowa, complete genome	CP000766	78.19	86.64	6.46194e-34	Rickettsiales	Rickettsiaceae	Rickettsia rickettsii str. Iowa
Rickettsia slovaca str. D-CWPP, complete genome	CP003375	78.19	86.64	6.46194e-34	Rickettsiales	Rickettsiaceae	Rickettsia slovaca str. D-CWPP
Rickettsia parkeri str. Portsmouth, complete genom	CP003341	78.19	86.64	6.46194e-34	Rickettsiales	Rickettsiaceae	Rickettsia parkeri str. Portsmouth
Rickettsia montanensis str. OSU 85-930, complete g	CP003340	78.19	86.64	6.46194e-34	Rickettsiales	Rickettsiaceae	Rickettsia montanensis str. OSU 85-930
Candidatus Rickettsia amblyommii str. GAT-30V, com	CP003334	78.19	86.64	6.46194e-34	Rickettsiales	Rickettsiaceae	Candidatus Rickettsia amblyommii str. GAT-30V
Rickettsia massiliae str. AZT80, complete genome	CP003319	78.19	86.64	6.46194e-34	Rickettsiales	Rickettsiaceae	Rickettsia massiliae str. AZT80
Rickettsia rickettsii str. Hauke, complete genome	CP003318	78.19	86.64	6.46194e-34	Rickettsiales	Rickettsiaceae	Rickettsia rickettsii str. Hauke
Rickettsia rickettsii str. Hlp#2, complete genome	CP003311	78.19	86.64	6.46194e-34	Rickettsiales	Rickettsiaceae	Rickettsia rickettsii str. Hlp#2
Rickettsia rickettsii str. Hino, complete genome	CP003309	78.19	86.64	6.46194e-34	Rickettsiales	Rickettsiaceae	Rickettsia rickettsii str. Hino
Rickettsia philippi str. 364D, complete genome	CP003308	78.19	86.64	6.46194e-34	Rickettsiales	Rickettsiaceae	Rickettsia philippi str. 364D
Rickettsia rickettsii str. Arizona, complete genom	CP003307	78.19	86.64	6.46194e-34	Rickettsiales	Rickettsiaceae	Rickettsia rickettsii str. Arizona
Rickettsia rickettsii str. Colombia, complete geno	CP003306	78.19	86.64	6.46194e-34	Rickettsiales	Rickettsiaceae	Rickettsia rickettsii str. Colombia
Rickettsia rickettsii str. Brazil, complete genome	CP003305	78.19	86.64	6.46194e-34	Rickettsiales	Rickettsiaceae	Rickettsia rickettsii str. Brazil
Rickettsia slovaca 13-B, complete genome	CP002428	78.19	86.64	6.46194e-34	Rickettsiales	Rickettsiaceae	Rickettsia slovaca 13-B
Rickettsia peacockii str. Rustic, complete genome	CP001227	78.19	86.64	6.46194e-34	Rickettsiales	Rickettsiaceae	Rickettsia peacockii str. Rustic
Rickettsia africae ESF-5, complete genome	CP001612	78.19	86.64	6.46194e-34	Rickettsiales	Rickettsiaceae	Rickettsia africae ESF-5
Rickettsia massiliae MTU5, complete genome	CP000683	78.19	86.64	6.46194e-34	Rickettsiales	Rickettsiaceae	Rickettsia massiliae MTU5
Rickettsia rickettsii str. 'Sheila Smith', complet	CP000848	78.19	86.64	6.46194e-34	Rickettsiales	Rickettsiaceae	Rickettsia rickettsii str. 'Sheila Smith'
Rickettsia akari str. Hartford, complete genome	CP000847	76.06	98.16	6.46194e-34	Rickettsiales	Rickettsiaceae	Rickettsia akari str. Hartford
Rickettsia felis URRWXCAl2, complete genome	CP000053	75.94	97.7	2.25544e-33	Rickettsiales	Rickettsiaceae	Rickettsia felis URRWXCAl2
Rickettsia conorii str. Malish 7, complete genome	AE006914	77.66	86.64	7.87225e-33	Rickettsiales	Rickettsiaceae	Rickettsia conorii str. Malish 7
Scopelocheirus schellenbergi clone SS1_BsaBl_3 cyt	AY830438	75.39	88.02	2.11242e-27	Amphipoda	Lysianassidae	Scopelocheirus schellenbergi
Rickettsia endosymbiont of Lasioglossum zonulum is	KP183257	77.11	76.5	2.57345e-26	Rickettsiales	Rickettsiaceae	Rickettsia endosymbiont of Lasioglossum zonulum
Rickettsia endosymbiont of Lasioglossum semilucens	KP183258	76.97	76.04	8.98223e-26	Rickettsiales	Rickettsiaceae	Rickettsia endosymbiont of Lasioglossum semilucens
Arachnida sp. BOLD:ACL9482 voucher BIOUG10413-C10	KR099536	73.96	88.48	3.81934e-24	Arachnida		Arachnida sp. BOLD:ACL9482
Arachnida sp. BOLD:ACL9482 voucher BIOUG10299-G11	KR099335	73.96	88.48	3.81934e-24	Arachnida		Arachnida sp. BOLD:ACL9482
Rickettsia endosymbiont of Lasioglossum laticeps i	KP183262	76.73	73.27	1.33308e-23	Rickettsiales	Rickettsiaceae	Rickettsia endosymbiont of Lasioglossum laticeps
Rickettsia endosymbiont of Halictus subauratus iso	KP183261	76.73	73.27	1.33308e-23	Rickettsiales	Rickettsiaceae	Rickettsia endosymbiont of Halictus subauratus
Orientia tsutsugamushi str. Ikeda DNA, complete ge	AP008981	72.17	97.7	1.62403e-22	Rickettsiales	Rickettsiaceae	Orientia tsutsugamushi str. Ikeda
Orientia tsutsugamushi Boryong complete genome	AM494475	72.17	97.7	1.62403e-22	Rickettsiales	Rickettsiaceae	Orientia tsutsugamushi str. Boryong
Jakoba bahamiensis strain ATCC 50695 mitochondrion	KC353354	73.85	89.4	5.66841e-22	Jakobidae		Jakoba bahamiensis
Rickettsia endosymbiont of Otiorynchus sulcatus i	JN394470	79.39	60.37	5.66841e-22	Rickettsiales	Rickettsiaceae	Rickettsia endosymbiont of Otiorynchus sulcatus
Cryptopleura ramosa voucher RMAR1592 cytochrome ox	KJ960646	72.82	89.86	1.97847e-21	Ceramiales	Delesseriaceae	Cryptopleura ramosa
Acrosorium sp. LLG-2014 voucher RMAR1320 cytochrom	KJ960306	72.82	89.86	1.97847e-21	Ceramiales	Delesseriaceae	Acrosorium sp. LLG-2014
Acrosorium sp. LLG-2014 voucher RMAR2094 cytochrom	KJ960305	72.82	89.86	1.97847e-21	Ceramiales	Delesseriaceae	Acrosorium sp. LLG-2014
Acrosorium sp. LLG-2014 voucher RMAR1834 cytochrom	KJ960304	72.82	89.86	1.97847e-21	Ceramiales	Delesseriaceae	Acrosorium sp. LLG-2014
Macrothrix sp. HE-364 cytochrome oxidase subunit 1	KC617066	72.36	91.71	1.97847e-21	Diplostrotracae	Macrotrichidae	Macrothrix sp. HE-364
Trouessartia rubecula voucher 269_C cytochrome oxi	KP193809	81.03	53.46	6.90553e-21	Astigmata	Trouessartiidae	Trouessartia rubecula
Trouessartia rubecula voucher 100_C cytochrome oxi	KP193808	81.03	53.46	6.90553e-21	Astigmata	Trouessartiidae	Trouessartia rubecula
Trouessartia rubecula voucher 325_C cytochrome oxi	KP193805	81.03	53.46	6.90553e-21	Astigmata	Trouessartiidae	Trouessartia rubecula
Trouessartia rubecula voucher 271_C cytochrome oxi	KP193803	81.03	53.46	6.90553e-21	Astigmata	Trouessartiidae	Trouessartia rubecula
Trouessartia rubecula voucher 18_C cytochrome oxid	KP193801	81.03	53.46	6.90553e-21	Astigmata	Trouessartiidae	Trouessartia rubecula
Trouessartia rubecula voucher 451_C cytochrome oxi	KP193799	81.03	53.46	6.90553e-21	Astigmata	Trouessartiidae	Trouessartia rubecula
Myocoptidae sp. AMUMyo01 cytochrome oxidase subuni	GQ864341	72.77	88.02	6.90553e-21	Myocoptidae	Myocoptidae	Myocoptidae sp. AMUMyo01
Orcula jetschini isolate BAN1_6646 cytochrome oxid	KM188817	73.33	82.95	2.41027e-20	Orculidae		Orcula jetschini
Scutomegninia sp. AMUScu01 cytochrome oxidase subu	GQ864357	75.32	72.81	2.41027e-20	Astigmata	Avenzoariidae	Scutomegninia sp. AMUScu01
Avenzoaria totani cytochrome oxidase subunit I (CO	GQ864348	75.32	72.81	2.41027e-20	Astigmata	Avenzoariidae	Avenzoaria totani
Onychalges pachyspathus voucher UMMZ BMOc 10-0503-	KP406751	74.84	73.27	8.41266e-20	Astigmata	Pyroglyphidae	Onychalges pachyspathus