

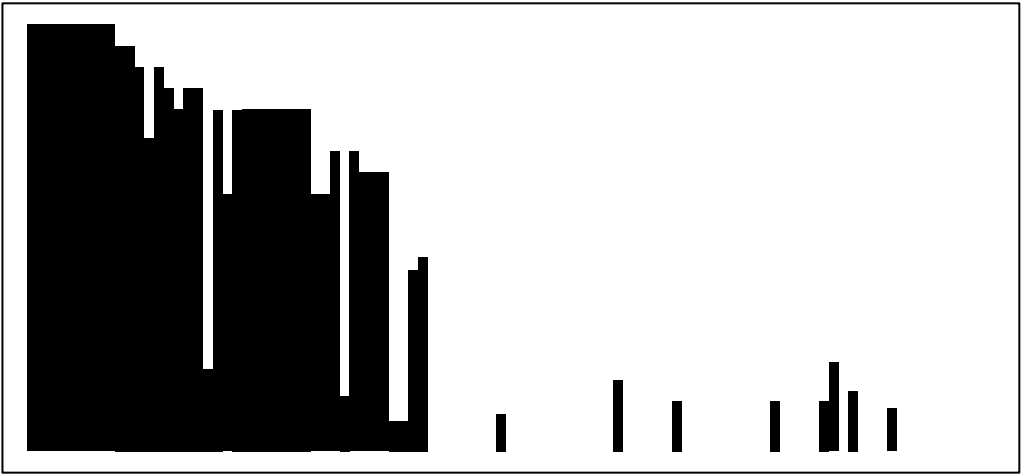
OTU_143.csv

Rhithrogena sp. 13 LV–2015

Heptageniidae

Ephemeroptera

100



Rhithrogena sp. 13 LV–2015 mitochondrial partial 1	LN868672	100	64.74	7.58879e–43	Ephemeroptera	Heptageniidae	Rhithrogena sp. 13 LV–2015
Rhithrogena sp. 12 LV–2015 mitochondrial partial 1	LN868671	100	64.74	7.58879e–43	Ephemeroptera	Heptageniidae	Rhithrogena sp. 12 LV–2015
Rhithrogena picteti mitochondrial partial 16S rRNA	LN868663	100	64.74	7.58879e–43	Ephemeroptera	Heptageniidae	Rhithrogena picteti
Rhithrogena sp. 3 LV–2015 mitochondrial partial 16	LN868659	100	64.74	7.58879e–43	Ephemeroptera	Heptageniidae	Rhithrogena sp. 3 LV–2015
Rhithrogena sp. 2 LV–2015 mitochondrial partial 16	LN868654	100	64.74	7.58879e–43	Ephemeroptera	Heptageniidae	Rhithrogena sp. 2 LV–2015
Rhithrogena puytoraci mitochondrial partial 16S rR	LN868651	100	64.74	7.58879e–43	Ephemeroptera	Heptageniidae	Rhithrogena puytoraci
Rhithrogena iridina mitochondrial partial 16S rRNA	LN868646	100	64.74	7.58879e–43	Ephemeroptera	Heptageniidae	Rhithrogena iridina
Rhithrogena taurisca mitochondrial partial 16S rRN	LN868638	100	64.74	7.58879e–43	Ephemeroptera	Heptageniidae	Rhithrogena taurisca
Rhithrogena sp. 5 LV–2015 mitochondrial partial 16	LN868653	100	64.1	2.64875e–42	Ephemeroptera	Heptageniidae	Rhithrogena sp. 5 LV–2015
Rhithrogena semicolorata mitochondrial partial 16S	LN868673	99.01	64.74	3.22684e–41	Ephemeroptera	Heptageniidae	Rhithrogena semicolorata
Rhithrogena sp. 4 LV–2015 mitochondrial partial 16	LN868652	99.01	64.74	3.22684e–41	Ephemeroptera	Heptageniidae	Rhithrogena sp. 4 LV–2015
Rhithrogena fonticola mitochondrial partial 16S rR	LN868656	98.02	64.74	3.93109e–40	Ephemeroptera	Heptageniidae	Rhithrogena fonticola
Rhithrogena nivata mitochondrial partial 16S rRNA	LN868643	94.69	72.44	3.93109e–40	Ephemeroptera	Heptageniidae	Rhithrogena nivata
Rhithrogena sp. 7 LV–2015 mitochondrial partial 16	LN868669	98.02	64.74	4.78905e–39	Ephemeroptera	Heptageniidae	Rhithrogena sp. 7 LV–2015
Rhithrogena sp. 8 LV–2015 mitochondrial partial 16	LN868661	97.03	64.74	2.03636e–37	Ephemeroptera	Heptageniidae	Rhithrogena sp. 8 LV–2015
Rhithrogena savoiensis mitochondrial partial 16S r	LN868658	96.04	64.74	2.03636e–37	Ephemeroptera	Heptageniidae	Rhithrogena savoiensis
Rhithrogena sp. 9 LV–2015 mitochondrial partial 16	LN868650	97.03	64.74	2.03636e–37	Ephemeroptera	Heptageniidae	Rhithrogena sp. 9 LV–2015
Rhithrogena grischuna mitochondrial partial 16S rR	LN868639	97.03	64.74	2.03636e–37	Ephemeroptera	Heptageniidae	Rhithrogena grischuna
Rhithrogena insularis mitochondrial partial 16S rR	LN868665	83.87	99.36	7.10758e–37	Ephemeroptera	Heptageniidae	Rhithrogena insularis
Rhithrogena sp. 10 LV–2015 mitochondrial partial 1	LN868664	96	64.1	7.10758e–37	Ephemeroptera	Heptageniidae	Rhithrogena sp. 10 LV–2015
Rhithrogena germanica mitochondrial partial 16S rR	LN868660	92.04	72.44	7.10758e–37	Ephemeroptera	Heptageniidae	Rhithrogena germanica
Rhithrogena beskidensis mitochondrial partial 16S	LN868645	96	64.1	7.10758e–37	Ephemeroptera	Heptageniidae	Rhithrogena beskidensis
Rhithrogena degrangei mitochondrial partial 16S rR	LN868674	96.04	64.74	2.48079e–36	Ephemeroptera	Heptageniidae	Rhithrogena degrangei
Rhithrogena sp. 11 LV–2015 mitochondrial partial 1	LN868668	96.04	64.74	2.48079e–36	Ephemeroptera	Heptageniidae	Rhithrogena sp. 11 LV–2015
Rhithrogena alpestris mitochondrial partial 16S rR	LN868657	96.04	64.74	2.48079e–36	Ephemeroptera	Heptageniidae	Rhithrogena alpestris
Rhithrogena sp. 6 LV–2015 mitochondrial partial 16	LN868655	96.04	64.74	2.48079e–36	Ephemeroptera	Heptageniidae	Rhithrogena sp. 6 LV–2015
Rhithrogena hybrida mitochondrial partial 16S rRNA	LN868642	96.04	64.74	2.48079e–36	Ephemeroptera	Heptageniidae	Rhithrogena hybrida
Rhithrogena circumtatica mitochondrial partial 16	LN868641	96.04	64.74	2.48079e–36	Ephemeroptera	Heptageniidae	Rhithrogena circumtatica
Rhithrogena diensis mitochondrial partial 16S rRNA	LN868637	96.04	64.74	2.48079e–36	Ephemeroptera	Heptageniidae	Rhithrogena diensis
Rhithrogena gratianopolitana mitochondrial partial	LN868648	92.04	72.44	8.65881e–36	Ephemeroptera	Heptageniidae	Rhithrogena gratianopolitana
Rhithrogena gratianopolitana mitochondrial partial	LN868647	92.04	72.44	8.65881e–36	Ephemeroptera	Heptageniidae	Rhithrogena gratianopolitana
Rhithrogena sartorii mitochondrial partial 16S rRN	LN868670	94.06	64.74	1.05486e–34	Ephemeroptera	Heptageniidae	Rhithrogena sartorii
Rhithrogena nuragica mitochondrial partial 16S rRN	LN868667	82.58	99.36	3.68182e–34	Ephemeroptera	Heptageniidae	Rhithrogena nuragica
Rhithrogena eatoni mitochondrial partial 16S rRNA	LN868666	94.06	64.74	1.28508e–33	Ephemeroptera	Heptageniidae	Rhithrogena eatoni
Rhithrogena dorieri mitochondrial partial 16S rRNA	LN868649	93.07	64.74	4.48537e–33	Ephemeroptera	Heptageniidae	Rhithrogena dorieri
Rhithrogena corcontica mitochondrial partial 16S r	LN868662	93.07	64.74	5.4643e–32	Ephemeroptera	Heptageniidae	Rhithrogena corcontica
Rhithrogena landai mitochondrial partial 16S rRNA	LN868644	93.07	64.74	5.4643e–32	Ephemeroptera	Heptageniidae	Rhithrogena landai
Cinygmula sp. m185 mitochondrial partial 16S rRNA	LN868675	81.41	99.36	6.65688e–31	Ephemeroptera	Heptageniidae	Cinygmula sp. m185
Cinygmula sp. EP013 16S ribosomal RNA gene, partia	AY749760	81.41	99.36	6.65688e–31	Ephemeroptera	Heptageniidae	Cinygmula sp. EP013
Rhithrogena allobrogica mitochondrial partial 16S	LN868640	88.5	72.44	2.32348e–30	Ephemeroptera	Heptageniidae	Rhithrogena allobrogica
Rhithrogena sp. EP021 16S ribosomal RNA gene, part	AY749765	89.11	64.74	1.20359e–27	Ephemeroptera	Heptageniidae	Rhithrogena sp. EP021
Cinygma sp. EP123 16S ribosomal RNA gene, partial	AY749804	78.98	100	7.5955e–24	Ephemeroptera	Heptageniidae	Cinygma sp. EP123
Epeorus longimanus 16S ribosomal RNA gene, partial	AY749757	78.34	100	7.5955e–24	Ephemeroptera	Heptageniidae	Epeorus longimanus
Cloeon dipterum voucher EPH02 tRNA–Leu, 16S riboso	KF256908	78.48	100	2.65109e–23	Ephemeroptera	Baetidae	Cloeon dipterum
Tasmanophlebia sp. EP158 16S ribosomal RNA gene, p	AY749825	77.71	99.36	9.25321e–23	Ephemeroptera	Oniscigastriidae	Tasmanophlebia sp. EP158
Epeorus sp. MT–2014 mitochondrion, complete genome	KM244708	78.48	100	3.22969e–22	Ephemeroptera	Heptageniidae	Epeorus sp. MT–2014
Siphonurus sp. EP084 16S ribosomal RNA gene, part	AY749786	76.77	99.36	3.22969e–22	Ephemeroptera	Siphonuridae	Siphonurus sp. EP084
Capnura wanica 16S ribosomal RNA gene, partial seq	EF623128	77.22	99.36	3.93457e–21	Plecoptera	Capniidae	Capnura wanica
Paegniodes cupulatus mitochondrion, complete genom	HM004123	81.74	73.72	1.3733e–20	Ephemeroptera	Heptageniidae	Paegniodes cupulatus
Parametelus columbiae 16S ribosomal RNA gene, part	AY749768	76.92	99.36	1.3733e–20	Ephemeroptera	Siphonuridae	Parametelus columbiae
Allocapnia recta haplotype 12ar: H12 16S ribosomal	EU306875	77.5	99.36	4.79328e–20	Plecoptera	Capniidae	Allocapnia recta
Siphonella sp. EP083 16S ribosomal RNA gene, part	AY749785	76.43	99.36	4.79328e–20	Ephemeroptera	Heptageniidae	Siphonella sp. EP083
Austronemoura sp. BYU_PL149 16S ribosomal RNA gene	EF623200	76.43	99.36	1.67302e–19	Plecoptera	Notonemouridae	Austronemoura sp. BYU_PL149
Chiloporter sp. EP051 16S ribosomal RNA gene, part	AY749776	76.25	99.36	1.67302e–19	Ephemeroptera	Ameletopsidae	Chiloporter sp. EP051
Apteroperla tikumana mitochondrion, complete genom	KR604721	76.1	99.36	5.83941e–19	Plecoptera	Capniidae	Apteroperla tikumana
Mesocapnia arizonensis mitochondrion, partial geno	KP642637	76.1	99.36	5.83941e–19	Plecoptera	Capniidae	Mesocapnia arizonensis
Allocapnia recta isolate H13 16S ribosomal RNA gen	KC881048	76.1	99.36	5.83941e–19	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H11 16S ribosomal RNA gen	KC881046	76.1	99.36	5.83941e–19	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H7 16S ribosomal RNA gene	KC881042	76.1	99.36	5.83941e–19	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H3 16S ribosomal RNA gene	KC881038	76.1	99.36	5.83941e–19	Plecoptera	Capniidae	Allocapnia recta
Cultus pilatus 16S ribosomal RNA gene, partial seq	EF623212	83.33	65.38	5.83941e–19	Plecoptera	Perlodidae	Cultus pilatus
Mesocapnia sp. BYU_PL010 16S ribosomal RNA gene, p	EF623127	76.1	99.36	5.83941e–19	Plecoptera	Capniidae	Mesocapnia sp. BYU_PL010
Allocapnia recta haplotype 3ar: H03 16S ribosomal	DQ915181	76.1	99.36	5.83941e–19	Plecoptera	Capniidae	Allocapnia recta
Heptagenia sp. EP018 16S ribosomal RNA gene, parti	AY749762	77.36	99.36	5.83941e–19	Ephemeroptera	Heptageniidae	Heptagenia sp. EP018
Neopanorpa pulchra mitochondrion, complete genome	FJ169955	76.43	99.36	2.03816e–18	Mecoptera	Panorpidae	Neopanorpa pulchra
Siphonurus sp. MT–2014 isolate CL142 mitochondrio	KM244684	74.84	99.36	7.11386e–18	Ephemeroptera	Siphonuridae	Siphonurus sp. MT–2014
Neopanorpa pulchra mitochondrion, complete genome	JX569848	82.35	65.38	7.11386e–18	Mecoptera	Panorpidae	Neopanorpa pulchra
Allocapnia recta isolate H15 16S ribosomal RNA gen	KC881050	75.47	99.36	7.11386e–18	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H14 16S ribosomal RNA gen	KC881049	75.47	99.36	7.11386e–18	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H10 16S ribosomal RNA gen	KC881045	75.47	99.36	7.11386e–18	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H6 16S ribosomal RNA gene	KC881041	75.47	99.36	7.11386e–18	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H1 16S ribosomal RNA gene	KC881036	75.47	99.36	7.11386e–18	Plecoptera	Capniidae	Allocapnia recta
Sicyoptera dilatata isolate SDGG01 16S ribosomal R	JX294163	75.78	100	7.11386e–18	Neuroptera	Nemopteridae	Sicyoptera dilatata
Cryptoperla ishigakiensis mitochondrial gene for 1	AB711242	75.95	99.36	7.11386e–18	Plecoptera	Peltoperlidae	Cryptoperla ishigakiensis
Cryptoperla japonica mitochondrial gene for 16S rR	AB711184	75.95	99.36	7.11386e–18	Plecoptera	Peltoperlidae	Cryptoperla japonica
Pelurgoperla personata 16S ribosomal RNA gene, par	EF623168	75.95	99.36	7.11386e–18	Plecoptera	Gripopterygidae	Pelurgoperla personata
Thaumatoperla sp. BYU_PL109 16S ribosomal RNA gene	EF623149	82.35	65.38	7.11386e–18	Plecoptera	Eustheniidae	Thaumatoperla sp. BYU_PL109
Allocapnia minima 16S ribosomal RNA gene, partial	EF623130	75.47	99.36	7.11386e–18	Plecoptera	Capniidae	Allocapnia minima
Penturoperla barbata 16S ribosomal RNA gene, parti	EF623124	76.71	93.59	7.11386e–18	Plecoptera	Austroperlidae	Penturoperla barbata
Allocapnia recta haplotype 11ar: H011 16S ribosoma	EU306874	75.47	99.36	7.11386e–18	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta haplotype 7ar: H07 16S ribosomal	EU306870	75.47	99.36	7.11386e–18	Plecoptera	Capniidae	Allocapnia recta
Neopanorpa sp. M24899 16S ribosomal RNA gene, part	AF180059	82.35	65.38	7.11386e–18	Mecoptera	Panorpidae	Neopanorpa sp. M24899
Simocephalus sp. EIZ–2011 isolate Brb1–Sim1 16S ri	JN874613	84.16	63.46	2.48298e–17	Diplostraca	Daphniidae	Simocephalus sp. EIZ–2011
Oniscigaster distans 16S ribosomal RNA gene, parti	AY749818	75	99.36	2.48298e–17	Ephemeroptera	Oniscigastriidae	Oniscigaster distans
Arthroplea bipunctata 16S ribosomal RNA gene, part	AY749817	82.83	63.46	2.48298e–17	Ephemeroptera	Arthropleidae	Arthroplea bipunctata
Bidessodes sp. MB–2009 mitochondrial DNA sequence	FN546264	75.93	100	8.66646e–17	Coleoptera	Dytiscidae	Bidessodes sp. MB–2009
Bidessodes sp. MB–2009 mitochondrial DNA sequence	FN546263	75.93	100	8.66646e–17	Coleoptera	Dytiscidae	Bidessodes sp. MB–2009
Pteronarcys californica 16S ribosomal RNA gene, pa	EF623261	74.84	99.36	8.66646e–17	Plecoptera	Pteronarcyidae	Pteronarcys californica
Remenus bilobatus 16S ribosomal RNA gene, partial	EF623233	82	64.1	8.66646e–17	Plecoptera	Perlodidae	Remenus bilobatus
Kimminsoperla albomacula 16S ribosomal RNA gene, p	EF623202	75.32	99.36	8.66646e–17	Plecoptera	Notonemouridae	Kimminsoperla albomacula
Claudioperla sp. BYU_PL158 16S ribosomal RNA gene,	EF623169	75.95	99.36	8.66646e–17	Plecoptera	Gripopterygidae	Claudioperla sp. BYU_PL158
Neuroperlopsis patris 16S ribosomal RNA gene, part	EF623152	75.16	99.36	8.66646e–17	Plecoptera	Eustheniidae	Neuroperlopsis patris
Paraperla frontalis 16S ribosomal RNA gene, partia	EF623136	75.32	99.36	8.66646e–17	Plecoptera	Chloroperlidae	Paraperla frontalis
Allocapnia recta isolate H19 16S ribosomal RNA gen	KC881054	74.84	99.36	3.02489e–16	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H17 16S ribosomal RNA gen	KC881052	74.84	99.36	3.02489e–16	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H16 16S ribosomal RNA gen	KC881051	74.84	99.36	3.02489e–16	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H12 16S ribosomal RNA gen	KC881047	74.84	99.36	3.02489e–16	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H9 16S ribosomal RNA gene	KC881044	74.84	99.36	3.02489e–16	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H8 16S ribosomal RNA gene	KC881043	74.84	99.36	3.02489e–16	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H5 16S ribosomal RNA gene	KC881040	74.84	99.36	3.02489e–16	Plecoptera	Capniidae	Allocapnia recta