

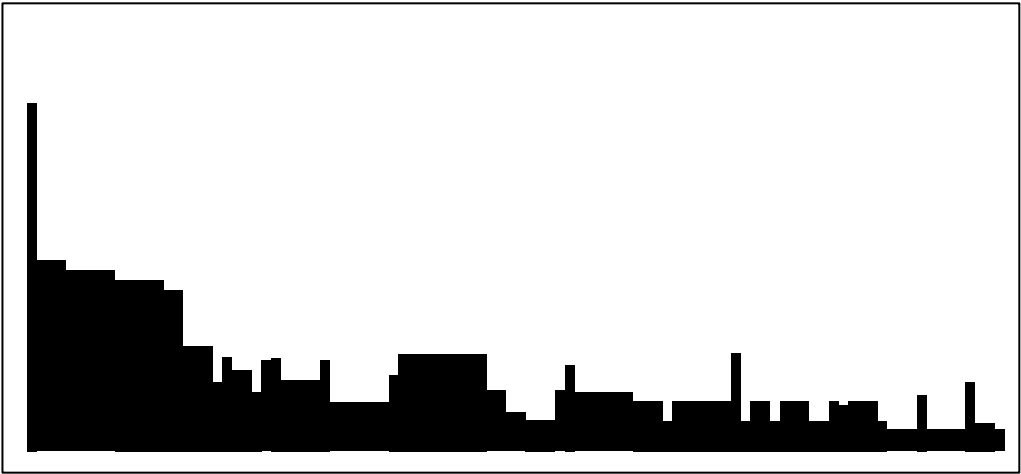
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Serratella cf. ignita SE-36-FR(MV)

Ephemerellidae

Ephemeroptera

96.31



Serratella cf. ignita SE-36-FR(MV) mitochondrial p	HG935102	96.31	100	1.23745e-93	Ephemeroptera	Ephemerellidae	Serratella cf. ignita SE-36-FR(MV)
Serratella ignita mitochondrial partial COI gene f	HG935100	88.94	100	6.41579e-72	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935099	88.94	100	6.41579e-72	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935098	88.94	100	6.41579e-72	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935103	88.48	100	2.72806e-70	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935097	88.48	100	2.72806e-70	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935096	88.48	100	2.72806e-70	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935095	88.48	100	2.72806e-70	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935094	88.48	100	2.72806e-70	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	LN734761	88.02	100	3.32346e-69	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	LN734760	88.02	100	3.32346e-69	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935101	88.02	100	3.32346e-69	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935093	88.02	100	3.32346e-69	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita clone DNA No. 92 cytochrome oxid	JN164273	88.02	100	3.32346e-69	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	LN734759	87.56	100	1.41317e-67	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	LN734758	87.56	100	1.41317e-67	Ephemeroptera	Ephemerellidae	Serratella ignita
Heptagenia nr. townesi JMW-2007 voucher USC-EF5145	EF514519	84.92	92.13	4.32675e-55	Ephemeroptera	Heptageniidae	Heptagenia nr. townesi JMW-2007
Heptagenia marginalis voucher PERC-EF514517 cytoch	EF514517	84.92	92.13	4.32675e-55	Ephemeroptera	Heptageniidae	Heptagenia marginalis
Heptagenia marginalis voucher PERC-EF514515 cytoch	EF514515	84.92	92.13	4.32675e-55	Ephemeroptera	Heptageniidae	Heptagenia marginalis
Ephemerellidae sp. OPU_BS_E2014-4 cytochrome oxida	KP970715	83.25	96.76	1.83978e-53	Ephemeroptera	Ephemerellidae	Ephemerellidae sp. OPU_BS_E2014-4
Heptagenia nr. townesi INHSE189-09 voucher 08INHSE	JQ661853	84.42	92.13	1.83978e-53	Ephemeroptera	Heptageniidae	Heptagenia nr. townesi INHSE189-09
Electrogena zebrata mitochondrial partial COI gene	HG935066	83.82	93.98	2.24131e-52	Ephemeroptera	Heptageniidae	Electrogena zebrata
Electrogena zebrata mitochondrial partial COI gene	HG935065	83.82	93.98	2.24131e-52	Ephemeroptera	Heptageniidae	Electrogena zebrata
Ephemerella sp. OPU_BS_E2012-129 cytochrome oxidas	KF563051	82.78	96.76	2.24131e-52	Ephemeroptera	Ephemerellidae	Ephemerella sp. OPU_BS_E2012-129
Afronurus sp. 350SbAf partial COI gene for cytochr	HF536604	84.26	91.2	2.24131e-52	Ephemeroptera	Heptageniidae	Afronurus sp. 350SbAf
Isonychia japonica mitochondrial gene for cytochro	LC106877	84.38	88.89	2.73047e-51	Ephemeroptera	Isonychiidae	Isonychia japonica
Coloburiscoides munionga voucher MDFRC_EP0035 cyto	KP697585	83.33	93.98	2.73047e-51	Ephemeroptera	Coloburiscidae	Coloburiscoides munionga
Coloburiscoides munionga voucher MDFRC_EP0001 cyto	KP697527	83.33	93.98	2.73047e-51	Ephemeroptera	Coloburiscidae	Coloburiscoides munionga
Coloburiscoides munionga voucher MDFRC_EP0036 cyto	KP697421	83.33	93.98	2.73047e-51	Ephemeroptera	Coloburiscidae	Coloburiscoides munionga
Siphonurus typicus voucher 09LJ123 cytochrome oxi	GU713786	83.33	93.98	2.73047e-51	Ephemeroptera	Siphonuridae	Siphonurus typicus
Habrophlebia eldae mitochondrial partial COI gene	HG935083	84.29	88.43	9.53029e-51	Ephemeroptera	Habrophlebiidae	Habrophlebia eldae
Drunella basalis voucher OPU_BS_Db2012-101 cytochr	KF563043	82.3	96.76	9.53029e-51	Ephemeroptera	Ephemerellidae	Drunella basalis
Drunella basalis voucher OPU_BS_Db2012-100 cytochr	KF563042	82.3	96.76	9.53029e-51	Ephemeroptera	Ephemerellidae	Drunella basalis
Drunella basalis voucher OPU_BS_Db2012-7 cytochrom	KF563037	82.3	96.76	9.53029e-51	Ephemeroptera	Ephemerellidae	Drunella basalis
Drunella basalis voucher OPU_BS_Db2012-5 cytochrom	KF563035	82.3	96.76	9.53029e-51	Ephemeroptera	Ephemerellidae	Drunella basalis
Drunella basalis voucher OPU_BS_Db2012-2 cytochrom	KF563034	82.3	96.76	9.53029e-51	Ephemeroptera	Ephemerellidae	Drunella basalis
Drunella basalis voucher OPU_BS_Db2012-1 cytochrom	KF563033	82.3	96.76	9.53029e-51	Ephemeroptera	Ephemerellidae	Drunella basalis
Heptagenia sulphurea mitochondrial partial COI gen	HE651395	83.58	92.59	9.53029e-51	Ephemeroptera	Heptageniidae	Heptagenia sulphurea
Attenella sp. BOLD:AAG2939 voucher BIOUG02691-H11	KR148834	84.57	87.04	3.3264e-50	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-A09	KR148423	84.57	87.04	3.3264e-50	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-A07	KR148114	84.57	87.04	3.3264e-50	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-A11	KR147449	84.57	87.04	3.3264e-50	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-A08	KR147281	84.57	87.04	3.3264e-50	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-B04	KR146887	84.57	87.04	3.3264e-50	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-A10	KR142274	84.57	87.04	3.3264e-50	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-A06	KR141365	84.57	87.04	3.3264e-50	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-A01	KR144498	84.57	87.04	3.3264e-50	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Siphonurus sp. BOLD:AAC8954 voucher BIOUG02692-E0	KR145116	82.84	93.98	1.16103e-49	Ephemeroptera	Siphonuridae	Siphonurus sp. BOLD:AAC8954
Coloburiscoides munionga voucher MDFRC_EP0034 cyto	KP697551	82.84	93.98	1.16103e-49	Ephemeroptera	Coloburiscidae	Coloburiscoides munionga
Drunella basalis voucher OPU_BS_Db2012-161 cytochr	KF563045	81.82	96.76	1.16103e-49	Ephemeroptera	Ephemerellidae	Drunella basalis
Drunella basalis voucher OPU_BS_Db2012-6 cytochrom	KF563036	81.82	96.76	1.16103e-49	Ephemeroptera	Ephemerellidae	Drunella basalis
Pseudiron centralis voucher 08INHSE-0258 cytochrom	JQ662624	81.48	99.54	1.16103e-49	Ephemeroptera	Pseudironidae	Pseudiron centralis
Eurylophella sp. DHF1 voucher SWRC-Et_Sav6_03 cyto	JQ662522	81.48	99.54	1.16103e-49	Ephemeroptera	Ephemerellidae	Eurylophella sp. DHF1
Eurylophella versimilis voucher 08-SWRC-1650.1 cyt	GU682376	81.48	99.54	1.16103e-49	Ephemeroptera	Ephemerellidae	Eurylophella versimilis
Siphonurus quebecensis isolate SLB17B cytochrome	AY326923	82.84	93.98	1.16103e-49	Ephemeroptera	Siphonuridae	Siphonurus quebecensis
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-A02	KR142225	84.04	87.04	4.05238e-49	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Rhithrogena sp. 28 LV-2010 voucher 334AUTYAP cytot	HM481049	82.76	93.52	4.05238e-49	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV-2010
Rhithrogena sp. 28 LV-2010 voucher 297FRHSAP cytot	HM481035	82.76	93.52	4.05238e-49	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV-2010
Rhithrogena sp. 28 LV-2010 voucher 212CHVSAP cytot	HM480993	82.76	93.52	4.05238e-49	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV-2010
Rhithrogena sp. 28 LV-2010 voucher 207CHNWAP cytot	HM480989	82.76	93.52	4.05238e-49	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV-2010
Rhithrogena sp. 28 LV-2010 voucher 022CHVSAP cytot	HM480863	82.76	93.52	4.05238e-49	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV-2010
Rhithrogena sp. 28 LV-2010 voucher 005CHVSAP cytot	HM480855	82.76	93.52	4.05238e-49	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV-2010
Siphonurus sp. BOLD:AAC8954 voucher BIOUG02692-E0	KR147622	82.35	93.98	1.41442e-48	Ephemeroptera	Siphonuridae	Siphonurus sp. BOLD:AAC8954
Siphonurus sp. BOLD:AAC8954 voucher BIOUG02799-E0	KR146321	82.35	93.98	1.41442e-48	Ephemeroptera	Siphonuridae	Siphonurus sp. BOLD:AAC8954
Siphonurus sp. BOLD:AAC8954 voucher BIOUG02692-E0	KR146231	82.35	93.98	1.41442e-48	Ephemeroptera	Siphonuridae	Siphonurus sp. BOLD:AAC8954
Ephemerellidae sp. BOLD:AAI9117 voucher BIOUG09888	KR143074	81.43	97.22	1.41442e-48	Ephemeroptera	Ephemerellidae	Ephemerellidae sp. BOLD:AAI9117
Siphonurus sp. BOLD:AAC8954 voucher BIOUG02799-E0	KR142473	82.35	93.98	1.41442e-48	Ephemeroptera	Siphonuridae	Siphonurus sp. BOLD:AAC8954
Siphonurus sp. BOLD:AAC8954 voucher BIOUG02692-E0	KR141711	82.35	93.98	1.41442e-48	Ephemeroptera	Siphonuridae	Siphonurus sp. BOLD:AAC8954
Siphonurus sp. BOLD:AAC8954 voucher BIOUG02692-D1	KR140876	82.35	93.98	1.41442e-48	Ephemeroptera	Siphonuridae	Siphonurus sp. BOLD:AAC8954
Siphonurus sp. BOLD:AAC8954 voucher BIOUG02799-E0	KR145995	82.35	93.98	1.41442e-48	Ephemeroptera	Siphonuridae	Siphonurus sp. BOLD:AAC8954
Siphonurus sp. BOLD:AAC8954 voucher BIOUG02692-D1	KR144125	82.35	93.98	1.41442e-48	Ephemeroptera	Siphonuridae	Siphonurus sp. BOLD:AAC8954
Siphonurus sp. BOLD:AAC8954 voucher BIOUG02692-E1	KR143722	82.35	93.98	1.41442e-48	Ephemeroptera	Siphonuridae	Siphonurus sp. BOLD:AAC8954
Heptagenia pulla voucher ROM:2010566 EMO014 cytoch	KJ675073	84.62	84.26	1.41442e-48	Ephemeroptera	Heptageniidae	Heptagenia pulla
Drunella coloradensis voucher BIOUG-CAN>:08ABMAY-0	GU711459	81.43	97.22	1.41442e-48	Ephemeroptera	Ephemerellidae	Drunella coloradensis
Siphonurus rapidus voucher BIOUG-CAN>:08ONMAY-009	JQ662887	82.35	93.98	1.41442e-48	Ephemeroptera	Siphonuridae	Siphonurus rapidus
Siphonurus rapidus voucher BIOUG-CAN>:09NBMAY-014	JQ662326	82.35	93.98	1.41442e-48	Ephemeroptera	Siphonuridae	Siphonurus rapidus
Drunella coloradensis voucher BIOUG-CAN>:10BBEPT-0	JQ662323	81.43	97.22	1.41442e-48	Ephemeroptera	Ephemerellidae	Drunella coloradensis
Siphonurus rapidus voucher BIOUG-CAN>:09NBMAY-026	JQ662155	82.35	93.98	1.41442e-48	Ephemeroptera	Siphonuridae	Siphonurus rapidus
Siphonurus rapidus voucher BIOUG-CAN>:08ONMAY-009	JQ662097	82.35	93.98	1.41442e-48	Ephemeroptera	Siphonuridae	Siphonurus rapidus
Siphonurus typicus voucher BIOUG-CAN>:08ONMAY-002	JQ661732	82.35	93.98	1.41442e-48	Ephemeroptera	Siphonuridae	Siphonurus typicus
Drunella coloradensis voucher BIOUG-CAN>:10BBEPT-0	JN291763	81.43	97.22	1.41442e-48	Ephemeroptera	Ephemerellidae	Drunella coloradensis
Drunella coloradensis voucher BIOUG-CAN>:10BBEPT-0	JN291755	81.43	97.22	1.41442e-48	Ephemeroptera	Ephemerellidae	Drunella coloradensis
Rhithrogena sp. 28 LV-2010 voucher 431CHBEAP cytot	HM481097	82.35	93.98	1.41442e-48	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV-2010
Rhithrogena sp. 8 LV-2010 voucher 049FRDRFO cytoch	HM480880	82.18	93.52	1.41442e-48	Ephemeroptera	Heptageniidae	Rhithrogena sp. 8 LV-2010
Siphonurus rapidus voucher BIOUG-CAN>:10BGMAY-094	HM900437	82.35	93.98	1.41442e-48	Ephemeroptera	Siphonuridae	Siphonurus rapidus
Siphonurus typicus voucher 09LJ122 cytochrome oxi	GU713789	82.35	93.98	1.41442e-48	Ephemeroptera	Siphonuridae	Siphonurus typicus
Siphonurus typicus voucher 09LJ124 cytochrome oxi	GU713787	82.35	93.98	1.41442e-48	Ephemeroptera	Siphonuridae	Siphonurus typicus
Drunella coloradensis voucher BIOUG-CAN>:08ABMAY-0	GU711460	81.43	97.22	1.41442e-48	Ephemeroptera	Ephemerellidae	Drunella coloradensis
Eurylophella sp. BOLD:AAB3790 voucher BIOUG02692-G	KR148799	81.02	99.54	4.93681e-48	Ephemeroptera	Ephemerellidae	Eurylophella sp. BOLD:AAB3790
Eurylophella sp. BOLD:AAB3790 voucher BIOUG02701-D	KR142595	81.02	99.54	4.93681e-48	Ephemeroptera	Ephemerellidae	Eurylophella sp. BOLD:AAB3790
Eurylophella sp. BOLD:AAB3790 voucher BIOUG02691-D	KR141353	81.02	99.54	4.93681e-48	Ephemeroptera	Ephemerellidae	Eurylophella sp. BOLD:AAB3790
Electrogena zebrata mitochondrial partial COI gene	LN734734	82.65	90.74	4.93681e-48	Ephemeroptera	Heptageniidae	Electrogena zebrata
Eurylophella sp. ROM 2010569 EMO048 cytochrome oxi	KJ675095	81.02	99.54	4.93681e-48	Ephemeroptera	Ephemerellidae	Eurylophella sp. ROM 2010569 EMO048
Eurylophella sp. ROM 2010569 EMO046 cytochrome oxi	KJ675093	81.02	99.54	4.93681e-48	Ephemeroptera	Ephemerellidae	Eurylophella sp. ROM 2010569 EMO046
Eurylophella verisimilis voucher ROM:2010631 EGB03	KJ674936	81.02	99.54	4.93681e-48	Ephemeroptera	Ephemerellidae	Eurylophella verisimilis
Eurylophella verisimilis voucher ROM:2010630 EGB01	KJ674908	81.02	99.54	4.93681e-48	Ephemeroptera	Ephemerellidae	Eurylophella verisimilis
Anagenesia minor mitochondrial COI gene for cytoch	AB711818	83.25	88.43	4.93681e-48	Ephemeroptera	Palingeniidae	Anagenesia minor
Ephoron leukon mitochondrial COI gene for cytochro	AB711813	81.34	96.76	4.93681e-48	Ephemeroptera	Polymitarcyidae	Ephoron leukon
Ephoron leukon mitochondrial COI gene for cytochro	AB711812	81.34	96.76	4.93681e-48	Ephemeroptera	Polymitarcyidae	Ephoron leukon
Eurylophella sp. DHF1 voucher SWRC-Et_Sav6_11 cyto	JQ663252	81.02	99.54	4.93681e-48	Ephemeroptera	Ephemerellidae	Eurylophella sp. DHF1