

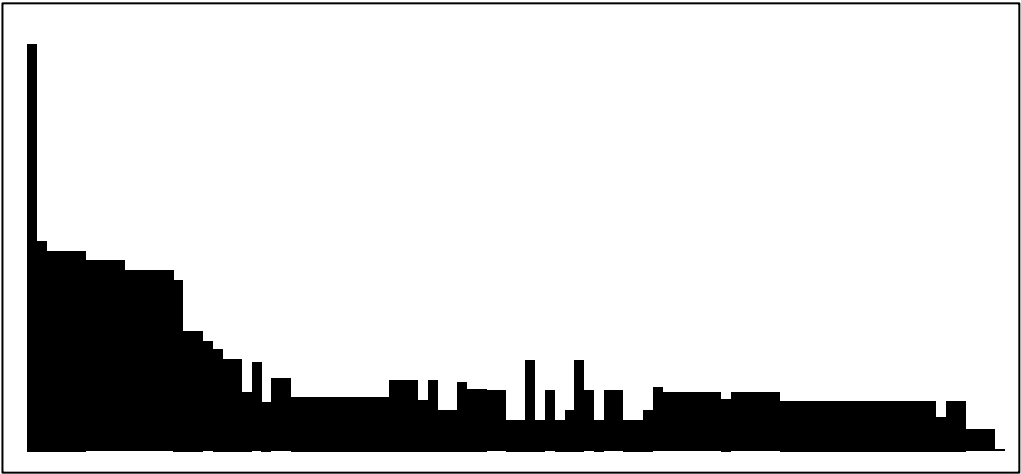
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Serratella cf. ignita SE-36-FR(MV)

Ephemerellidae

Ephemeroptera

99.08



Serratella cf. ignita SE-36-FR(MV) mitochondrial p	HG935102	99.08	100	7.34706e-103	Ephemeroptera	Ephemerellidae	Serratella cf. ignita SE-36-FR(MV)
Serratella ignita clone DNA No. 92 cytochrome oxid	JN164273	89.86	100	1.02216e-75	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935103	89.4	100	4.34634e-74	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935100	89.4	100	4.34634e-74	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935099	89.4	100	4.34634e-74	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935098	89.4	100	4.34634e-74	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935097	88.94	100	5.29492e-73	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935096	88.94	100	5.29492e-73	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935095	88.94	100	5.29492e-73	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935094	88.94	100	5.29492e-73	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	LN734761	88.48	100	2.25146e-71	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	LN734760	88.48	100	2.25146e-71	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	LN734758	88.48	100	2.25146e-71	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935101	88.48	100	2.25146e-71	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935093	88.48	100	2.25146e-71	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	LN734759	88.02	100	2.74284e-70	Ephemeroptera	Ephemerellidae	Serratella ignita
Heptagenia marginalis voucher PERC-EF514517 cytoch	EF514517	85.64	93.09	8.39781e-58	Ephemeroptera	Heptageniidae	Heptagenia marginalis
Heptagenia marginalis voucher PERC-EF514515 cytoch	EF514515	85.64	93.09	8.39781e-58	Ephemeroptera	Heptageniidae	Heptagenia marginalis
Heptagenia nr. townesi JMW-2007 voucher USC-EF5145	EF514519	85.15	93.09	1.02306e-56	Ephemeroptera	Heptageniidae	Heptagenia nr. townesi JMW-2007
Afronurus sp. 350SbAf partial COI gene for cytochr	HF536604	84.8	94.01	3.57084e-56	Ephemeroptera	Heptageniidae	Afronurus sp. 350SbAf
Electrogena zebrata mitochondrial partial COI gene	HG935066	84.31	94.01	4.35018e-55	Ephemeroptera	Heptageniidae	Electrogena zebrata
Electrogena zebrata mitochondrial partial COI gene	HG935065	84.31	94.01	4.35018e-55	Ephemeroptera	Heptageniidae	Electrogena zebrata
Ephemerellidae sp. OPU_BS_E2014-4 cytochrome oxida	KP970715	82.79	99.08	5.2996e-54	Ephemeroptera	Ephemerellidae	Ephemerellidae sp. OPU_BS_E2014-4
Heptagenia nr. townesi INHSE189-09 voucher 08INHSE	JQ661853	84.16	93.09	5.2996e-54	Ephemeroptera	Heptageniidae	Heptagenia nr. townesi INHSE189-09
Ephemerella sp. OPU_BS_E2012-129 cytochrome oxidas	KF563051	82.33	99.08	6.45623e-53	Ephemeroptera	Ephemerellidae	Ephemerella sp. OPU_BS_E2012-129
Rhithrogena sp. 8 LV-2010 voucher 545FRHSVU cytoch	HM481157	83.41	94.47	6.45623e-53	Ephemeroptera	Heptageniidae	Rhithrogena sp. 8 LV-2010
Rhithrogena sp. 8 LV-2010 voucher 304FRAHPI cytoch	HM481038	83.41	94.47	6.45623e-53	Ephemeroptera	Heptageniidae	Rhithrogena sp. 8 LV-2010
Attenella sp. BOLD:AAG2939 voucher BIOUG02691-H11	KR148834	82.55	97.7	2.25345e-52	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-A09	KR148423	82.55	97.7	2.25345e-52	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-A07	KR148114	82.55	97.7	2.25345e-52	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-A11	KR147449	82.55	97.7	2.25345e-52	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-A08	KR147281	82.55	97.7	2.25345e-52	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-B04	KR146887	82.55	97.7	2.25345e-52	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-A10	KR142274	82.55	97.7	2.25345e-52	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-A02	KR142225	82.55	97.7	2.25345e-52	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-A06	KR141365	82.55	97.7	2.25345e-52	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-A01	KR144498	82.55	97.7	2.25345e-52	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Coloburiscoides munionga voucher MDFRC_EP0035 cyto	KP697585	83.33	94.01	2.25345e-52	Ephemeroptera	Coloburiscidae	Coloburiscoides munionga
Coloburiscoides munionga voucher MDFRC_EP0001 cyto	KP697527	83.33	94.01	2.25345e-52	Ephemeroptera	Coloburiscidae	Coloburiscoides munionga
Coloburiscoides munionga voucher MDFRC_EP0036 cyto	KP697421	83.33	94.01	2.25345e-52	Ephemeroptera	Coloburiscidae	Coloburiscoides munionga
Attenella attenuata voucher BIOUG<CAN>:BIOUG00637-P	JQ663326	82.41	99.54	2.25345e-52	Ephemeroptera	Ephemerellidae	Attenella attenuata
Pseudiron centralis voucher 08INHSE-0258 cytochrom	JQ662624	83.33	94.01	2.25345e-52	Ephemeroptera	Pseudironidae	Pseudiron centralis
Eurylophella sp. DHF1 voucher SWRC-Et_Sav6_03 cyto	JQ662522	81.94	99.54	7.8653e-52	Ephemeroptera	Ephemerellidae	Eurylophella sp. DHF1
Eurylophella prudentialis voucher SWRC-Ev_Chi1_07 c	JQ662333	81.94	99.54	7.8653e-52	Ephemeroptera	Ephemerellidae	Eurylophella prudentialis
Rhithrogena sp. 28 LV-2010 voucher 410CHGRAP cytoc	HM481084	83.25	93.55	7.8653e-52	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV-2010
Rhithrogena sp. 8 LV-2010 voucher 049FRDRFO cytoch	HM480880	82.93	94.47	2.74526e-51	Ephemeroptera	Heptageniidae	Rhithrogena sp. 8 LV-2010
Rhithrogena sp. 8 LV-2010 voucher 040FRDRFO cytoch	HM480874	82.93	94.47	2.74526e-51	Ephemeroptera	Heptageniidae	Rhithrogena sp. 8 LV-2010
Siphonurus sp. BOLD:AAC8954 voucher BIOUG02692-E0	KR145116	82.84	94.01	9.5819e-51	Ephemeroptera	Siphonuridae	Siphonurus sp. BOLD:AAC8954
Coloburiscoides munionga voucher MDFRC_EP0034 cyto	KP697551	82.84	94.01	9.5819e-51	Ephemeroptera	Coloburiscidae	Coloburiscoides munionga
Simulium panamense voucher BIOUG01379-A04 cytochro	KP252869	81.48	99.54	9.5819e-51	Diptera	Simuliidae	Simulium panamense
Simulium panamense voucher BIOUG01378-E06 cytochro	KP252696	81.48	99.54	9.5819e-51	Diptera	Simuliidae	Simulium panamense
Habrophlebia eldae mitochondrial partial COI gene	HG935083	84.29	88.02	9.5819e-51	Ephemeroptera		Habrophlebia eldae
Habroleptoides sp. HL-TU mitochondrial partial COI	HG935082	81.48	99.54	9.5819e-51	Ephemeroptera		Habroleptoides sp. HL-TU
Heptageniidae sp. 3 LV-2012b partial COI gene for	HF536603	82.84	94.01	9.5819e-51	Ephemeroptera	Heptageniidae	Heptageniidae sp. 3 LV-2012b
Eurylophella sp. DHF1 voucher SWRC-Et_Sav6_11 cyto	JQ663252	81.48	99.54	9.5819e-51	Ephemeroptera	Ephemerellidae	Eurylophella sp. DHF1
Attenella attenuata voucher SWRC-Aa_E_05 cytochrom	JQ662776	81.94	99.54	9.5819e-51	Ephemeroptera	Ephemerellidae	Attenella attenuata
Heptagenia sulphurea mitochondrial partial COI gen	HE651395	84.29	88.02	9.5819e-51	Ephemeroptera	Heptageniidae	Heptagenia sulphurea
Rhithrogena sp. 28 LV-2010 voucher 431CHBEAP cytoc	HM481097	82.84	94.01	9.5819e-51	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV-2010
Eurylophella prudentialis voucher BIOUG<CAN>:10BGMA	HM900434	81.48	99.54	9.5819e-51	Ephemeroptera	Ephemerellidae	Eurylophella prudentialis
Siphonurus typicus voucher 09LJ123 cytochrome oxi	GU713786	82.84	94.01	9.5819e-51	Ephemeroptera	Siphonuridae	Siphonurus typicus
Siphonurus quebecensis isolate SLB17B cytochrome	AY326923	82.84	94.01	9.5819e-51	Ephemeroptera	Siphonuridae	Siphonurus quebecensis
Eurylophella prudentialis isolate SLB50 cytochrome	AY326922	81.48	99.54	9.5819e-51	Ephemeroptera	Ephemerellidae	Eurylophella prudentialis
Eurylophella prudentialis isolate SLB314 cytochrome	AY326921	81.48	99.54	9.5819e-51	Ephemeroptera	Ephemerellidae	Eurylophella prudentialis
Attenella attenuata isolate SLB752 cytochrome oxid	AY326809	81.94	99.54	9.5819e-51	Ephemeroptera	Ephemerellidae	Attenella attenuata
Isonychia japonica mitochondrial gene for cytochro	LC106877	83	92.17	3.34441e-50	Ephemeroptera	Isonychiidae	Isonychia japonica
Rhithrogena sp. 28 LV-2010 voucher 476SLGOAB cytoc	HM481118	82.76	93.55	3.34441e-50	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV-2010
Rhithrogena sp. 28 LV-2010 voucher 433CHBEAP cytoc	HM481098	82.76	93.55	3.34441e-50	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV-2010
Rhithrogena sp. 28 LV-2010 voucher 408CHGRAP cytoc	HM481083	82.76	93.55	3.34441e-50	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV-2010
Rhithrogena sp. 28 LV-2010 voucher 405CHBEAP cytoc	HM481082	82.76	93.55	3.34441e-50	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV-2010
Rhithrogena sp. 28 LV-2010 voucher 334AUTYAP cytoc	HM481049	82.76	93.55	3.34441e-50	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV-2010
Rhithrogena sp. 28 LV-2010 voucher 297FRHSAP cytoc	HM481035	82.76	93.55	3.34441e-50	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV-2010
Rhithrogena sp. 8 LV-2010 voucher 274FRAHPI cytoch	HM481023	82.44	94.47	3.34441e-50	Ephemeroptera	Heptageniidae	Rhithrogena sp. 8 LV-2010
Rhithrogena sp. 28 LV-2010 voucher 212CHVSAP cytoc	HM480993	82.76	93.55	3.34441e-50	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV-2010
Rhithrogena sp. 28 LV-2010 voucher 207CHNWAP cytoc	HM480989	82.76	93.55	3.34441e-50	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV-2010
Rhithrogena sp. 28 LV-2010 voucher 166ITTRAP cytoc	HM480963	82.76	93.55	3.34441e-50	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV-2010
Rhithrogena sp. 28 LV-2010 voucher 022CHVSAP cytoc	HM480863	82.76	93.55	3.34441e-50	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV-2010
Rhithrogena sp. 28 LV-2010 voucher 005CHVSAP cytoc	HM480855	82.76	93.55	3.34441e-50	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV-2010
Siphonurus sp. BOLD:AAC8954 voucher BIOUG02692-E0	KR147622	82.35	94.01	1.16731e-49	Ephemeroptera	Siphonuridae	Siphonurus sp. BOLD:AAC8954
Siphonurus sp. BOLD:AAC8954 voucher BIOUG02799-E0	KR146321	82.35	94.01	1.16731e-49	Ephemeroptera	Siphonuridae	Siphonurus sp. BOLD:AAC8954
Siphonurus sp. BOLD:AAC8954 voucher BIOUG02692-E0	KR146231	82.35	94.01	1.16731e-49	Ephemeroptera	Siphonuridae	Siphonurus sp. BOLD:AAC8954
Siphonurus sp. BOLD:AAC8954 voucher BIOUG02799-E0	KR142473	82.35	94.01	1.16731e-49	Ephemeroptera	Siphonuridae	Siphonurus sp. BOLD:AAC8954
Siphonurus sp. BOLD:AAC8954 voucher BIOUG02692-E0	KR141711	82.35	94.01	1.16731e-49	Ephemeroptera	Siphonuridae	Siphonurus sp. BOLD:AAC8954
Siphonurus sp. BOLD:AAC8954 voucher BIOUG02692-D1	KR140876	82.35	94.01	1.16731e-49	Ephemeroptera	Siphonuridae	Siphonurus sp. BOLD:AAC8954
Siphonurus sp. BOLD:AAC8954 voucher BIOUG02799-E0	KR145995	82.35	94.01	1.16731e-49	Ephemeroptera	Siphonuridae	Siphonurus sp. BOLD:AAC8954
Siphonurus sp. BOLD:AAC8954 voucher BIOUG02692-D1	KR144125	82.35	94.01	1.16731e-49	Ephemeroptera	Siphonuridae	Siphonurus sp. BOLD:AAC8954
Siphonurus sp. BOLD:AAC8954 voucher BIOUG02692-E1	KR143722	82.35	94.01	1.16731e-49	Ephemeroptera	Siphonuridae	Siphonurus sp. BOLD:AAC8954
Siphonurus rapidus voucher BIOUG<CAN>:08ONMAY-009	JQ662887	82.35	94.01	1.16731e-49	Ephemeroptera	Siphonuridae	Siphonurus rapidus
Siphonurus rapidus voucher BIOUG<CAN>:09NBMAY-014	JQ662326	82.35	94.01	1.16731e-49	Ephemeroptera	Siphonuridae	Siphonurus rapidus
Siphonurus rapidus voucher BIOUG<CAN>:09NBMAY-026	JQ662155	82.35	94.01	1.16731e-49	Ephemeroptera	Siphonuridae	Siphonurus rapidus
Siphonurus rapidus voucher BIOUG<CAN>:08ONMAY-009	JQ662097	82.35	94.01	1.16731e-49	Ephemeroptera	Siphonuridae	Siphonurus rapidus
Thraulodes pacaya voucher BIOUG<CAN>:BIOUG00640-E1	JQ661820	82.35	94.01	1.16731e-49	Ephemeroptera		Thraulodes pacaya
Siphonurus typicus voucher BIOUG<CAN>:08ONMAY-002	JQ661732	82.35	94.01	1.16731e-49	Ephemeroptera		Siphonurus typicus
Siphonurus rapidus voucher BIOUG<CAN>:10BGMAY-094	HM900437	82.35	94.01	1.16731e-49	Ephemeroptera	Siphonuridae	Siphonurus rapidus
Ephemera sachalinensis isolate ES3 cytochrome oxid	HQ257231	81.6	97.7	1.16731e-49	Ephemeroptera	Ephemeridae	Ephemera sachalinensis
Siphonurus typicus voucher 09LJ122 cytochrome oxi	GU713789	82.35	94.01	1.16731e-49	Ephemeroptera	Siphonuridae	Siphonurus typicus
Siphonurus typicus voucher 09LJ124 cytochrome oxi	GU713787	82.35	94.01	1.16731e-49	Ephemeroptera	Siphonuridae	Siphonurus typicus
Euthraulius sp. LSB-2016 voucher 7F 7.5 cytochrome	KT250140	81.02	99.54	4.07433e-49	Ephemeroptera		Euthraulius sp. LSB-2016
Euthraulius sp. LSB-2016 voucher 3.5.3 cytochrome o	KT250139	81.02	99.54	4.07433e-49	Ephemeroptera		Euthraulius sp. LSB-2016
Euthraulius sp. LSB-2016 voucher 3.7.3R cytochrome	KT250138	81.02	99.54	4.07433e-49	Ephemeroptera		Euthraulius sp. LSB-2016
Serratella sp. AMI 1 voucher 3306440141 cytochrome	HQ150835	80.09	99.54	1.73245e-47	Ephemeroptera	Ephemerellidae	Serratella sp. AMI 1