

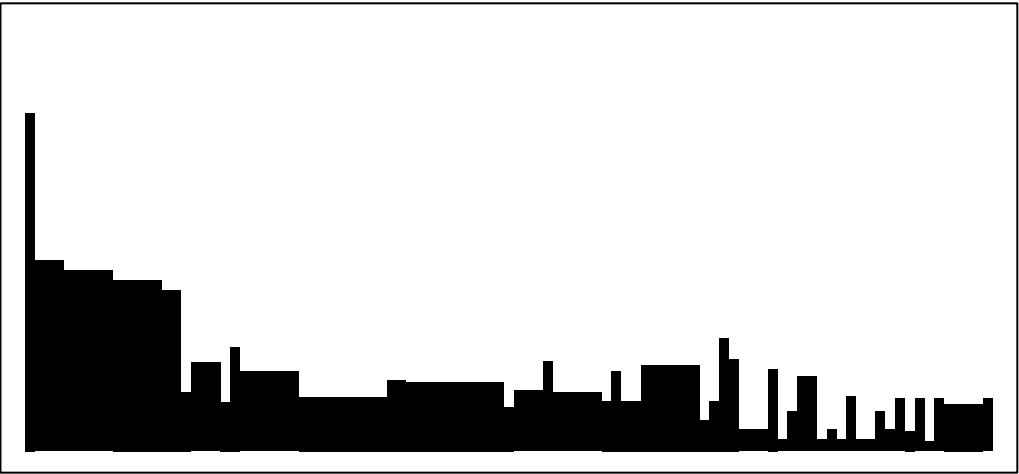
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Serratella cf. ignita SE–36–FR(MV)

Ephemerellidae

Ephemeroptera

95.85



Serratella cf. ignita SE–36–FR(MV) mitochondrial p	HG935102	95.85	100	1.49077e–92	Ephemeroptera	Ephemerellidae	Serratella cf. ignita SE–36–FR(MV)
Serratella ignita mitochondrial partial COI gene f	HG935100	88.94	100	1.81773e–72	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935099	88.94	100	1.81773e–72	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935098	88.94	100	1.81773e–72	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935103	88.48	100	7.72919e–71	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935097	88.48	100	7.72919e–71	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935096	88.48	100	7.72919e–71	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935095	88.48	100	7.72919e–71	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935094	88.48	100	7.72919e–71	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	LN734761	88.02	100	9.41608e–70	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	LN734760	88.02	100	9.41608e–70	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935101	88.02	100	9.41608e–70	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935093	88.02	100	9.41608e–70	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita clone DNA No. 92 cytochrome oxid	JN164273	88.02	100	9.41608e–70	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	LN734759	87.56	100	4.00382e–68	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	LN734758	87.56	100	4.00382e–68	Ephemeroptera	Ephemerellidae	Serratella ignita
Ephemerellidae sp. OPU_BS_E2014–4 cytochrome oxida	KP970715	82.79	99.07	1.81934e–53	Ephemeroptera	Ephemerellidae	Ephemerellidae sp. OPU_BS_E2014–4
Heptagenia nr. townesi JMW–2007 voucher USC–EF5145	EF514519	84.16	92.99	1.81934e–53	Ephemeroptera	Heptageniidae	Heptagenia nr. townesi JMW–2007
Heptagenia marginalis voucher PERC–EF514517 cytoch	EF514517	84.16	92.99	1.81934e–53	Ephemeroptera	Heptageniidae	Heptagenia marginalis
Heptagenia marginalis voucher PERC–EF514515 cytoch	EF514515	84.16	92.99	1.81934e–53	Ephemeroptera	Heptageniidae	Heptagenia marginalis
Ephemerella sp. OPU_BS_E2012–129 cytochrome oxidas	KF563051	82.33	99.07	2.21641e–52	Ephemeroptera	Ephemerellidae	Ephemerella sp. OPU_BS_E2012–129
Heptagenia nr. townesi INHSE189–09 voucher 08INHSE	JQ661853	84.9	89.72	2.21641e–52	Ephemeroptera	Heptageniidae	Heptagenia nr. townesi INHSE189–09
Rhithrogena sp. 28 LV–2010 voucher 334AUTYAP cytot	HM481049	83.74	93.46	2.21641e–52	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV–2010
Rhithrogena sp. 28 LV–2010 voucher 297FRHSAP cytot	HM481035	83.74	93.46	2.21641e–52	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV–2010
Rhithrogena sp. 28 LV–2010 voucher 212CHVSAP cytot	HM480993	83.74	93.46	2.21641e–52	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV–2010
Rhithrogena sp. 28 LV–2010 voucher 207CHNWAP cytot	HM480989	83.74	93.46	2.21641e–52	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV–2010
Rhithrogena sp. 28 LV–2010 voucher 022CHVSAP cytot	HM480863	83.74	93.46	2.21641e–52	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV–2010
Rhithrogena sp. 28 LV–2010 voucher 005CHVSAP cytot	HM480855	83.74	93.46	2.21641e–52	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV–2010
Attenella sp. BOLD:AAG2939 voucher BIOUG02691–H11	KR148834	82.55	97.66	7.73602e–52	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692–A09	KR148423	82.55	97.66	7.73602e–52	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692–A07	KR148114	82.55	97.66	7.73602e–52	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692–A11	KR147449	82.55	97.66	7.73602e–52	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692–A08	KR147281	82.55	97.66	7.73602e–52	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692–B04	KR146887	82.55	97.66	7.73602e–52	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692–A10	KR142274	82.55	97.66	7.73602e–52	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692–A06	KR141365	82.55	97.66	7.73602e–52	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692–A01	KR144498	82.55	97.66	7.73602e–52	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Afronurus sp. 350SbAf partial COI gene for cytochr	HF536604	83.33	93.93	7.73602e–52	Ephemeroptera	Heptageniidae	Afronurus sp. 350SbAf
Rhithrogena sp. 28 LV–2010 voucher 431CHBEAP cytot	HM481097	83.33	93.93	7.73602e–52	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV–2010
Rhithrogena sp. 28 LV–2010 voucher 476SLGOAB cytot	HM481118	83.25	93.46	2.70014e–51	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV–2010
Rhithrogena sp. 28 LV–2010 voucher 433CHBEAP cytot	HM481098	83.25	93.46	2.70014e–51	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV–2010
Rhithrogena sp. 28 LV–2010 voucher 410CHGRAP cytot	HM481084	83.25	93.46	2.70014e–51	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV–2010
Rhithrogena sp. 28 LV–2010 voucher 408CHGRAP cytot	HM481083	83.25	93.46	2.70014e–51	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV–2010
Rhithrogena sp. 28 LV–2010 voucher 405CHBEAP cytot	HM481082	83.25	93.46	2.70014e–51	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV–2010
Rhithrogena sp. 28 LV–2010 voucher 345FRHSAP cytot	HM481055	83.25	93.46	2.70014e–51	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV–2010
Rhithrogena sp. 28 LV–2010 voucher 344FRHSAP cytot	HM481054	83.25	93.46	2.70014e–51	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV–2010
Rhithrogena sp. 28 LV–2010 voucher 310CHNWAP cytot	HM481041	83.25	93.46	2.70014e–51	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV–2010
Rhithrogena sp. 28 LV–2010 voucher 166ITTRAP cytot	HM480963	83.25	93.46	2.70014e–51	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV–2010
Rhithrogena sp. 28 LV–2010 voucher 164ITTRAP cytot	HM480961	83.25	93.46	2.70014e–51	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV–2010
Attenella sp. BOLD:AAG2939 voucher BIOUG02692–A02	KR142225	82.08	97.66	9.4244e–51	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Coloburiscoides munionga voucher MDFRC_EP0035 cyto	KP697585	82.84	93.93	3.28944e–50	Ephemeroptera	Coloburiscidae	Coloburiscoides munionga
Coloburiscoides munionga voucher MDFRC_EP0001 cyto	KP697527	82.84	93.93	3.28944e–50	Ephemeroptera	Coloburiscidae	Coloburiscoides munionga
Coloburiscoides munionga voucher MDFRC_EP0036 cyto	KP697421	82.84	93.93	3.28944e–50	Ephemeroptera	Coloburiscidae	Coloburiscoides munionga
Heptagenia sulphurea mitochondrial partial COI gen	HE651395	84.21	88.79	3.28944e–50	Ephemeroptera	Heptageniidae	Heptagenia sulphurea
Rhithrogena sp. 28 LV–2010 voucher 311CHNWAP cytot	HM481042	82.76	93.46	1.14813e–49	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV–2010
Rhithrogena sp. 28 LV–2010 voucher 245AUTYAP cytot	HM481008	82.76	93.46	1.14813e–49	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV–2010
Rhithrogena sp. 28 LV–2010 voucher 244AUTYAP cytot	HM481007	82.76	93.46	1.14813e–49	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV–2010
Rhithrogena sp. 28 LV–2010 voucher 165ITTRAP cytot	HM480962	82.76	93.46	1.14813e–49	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV–2010
Rhithrogena sp. 28 LV–2010 voucher 023CHVSAP cytot	HM480864	82.76	93.46	1.14813e–49	Ephemeroptera	Heptageniidae	Rhithrogena sp. 28 LV–2010
Coloburiscoides munionga voucher MDFRC_EP0034 cyto	KP697551	82.35	93.93	4.00736e–49	Ephemeroptera	Coloburiscidae	Coloburiscoides munionga
Habrophlebia eldae mitochondrial partial COI gene	HG935083	83.77	89.25	4.00736e–49	Ephemeroptera	Ephemerellidae	Habrophlebia eldae
Electrogena zebrata mitochondrial partial COI gene	HG935066	82.35	93.93	4.00736e–49	Ephemeroptera	Heptageniidae	Electrogena zebrata
Electrogena zebrata mitochondrial partial COI gene	HG935065	82.35	93.93	4.00736e–49	Ephemeroptera	Heptageniidae	Electrogena zebrata
Drunella basalis voucher OPU_BS_Db2012–101 cytochr	KF563043	84.04	87.85	4.00736e–49	Ephemeroptera	Ephemerellidae	Drunella basalis
Drunella basalis voucher OPU_BS_Db2012–100 cytochr	KF563042	84.04	87.85	4.00736e–49	Ephemeroptera	Ephemerellidae	Drunella basalis
Drunella basalis voucher OPU_BS_Db2012–7 cytochrom	KF563037	84.04	87.85	4.00736e–49	Ephemeroptera	Ephemerellidae	Drunella basalis
Drunella basalis voucher OPU_BS_Db2012–5 cytochrom	KF563035	84.04	87.85	4.00736e–49	Ephemeroptera	Ephemerellidae	Drunella basalis
Drunella basalis voucher OPU_BS_Db2012–2 cytochrom	KF563034	84.04	87.85	4.00736e–49	Ephemeroptera	Ephemerellidae	Drunella basalis
Drunella basalis voucher OPU_BS_Db2012–1 cytochrom	KF563033	84.04	87.85	4.00736e–49	Ephemeroptera	Ephemerellidae	Drunella basalis
Attenella attenuata voucher BIOUG<CAN>:BIOUG00637–	JQ663326	81.48	99.53	4.00736e–49	Ephemeroptera	Ephemerellidae	Attenella attenuata
Siphonurus typicus voucher 09LJ123 cytochrome oxi	GU713786	82.35	93.93	4.00736e–49	Ephemeroptera	Siphonuridae	Siphonurus typicus
Isonychia japonica mitochondrial gene for cytochro	LC106877	85.31	82.71	1.3987e–48	Ephemeroptera	Isonychiidae	Isonychia japonica
Ephemera nadinae mitochondrial COX1 gene for cytot	LC061852	84.32	86.45	1.3987e–48	Ephemeroptera	Ephemeridae	Ephemera nadinae
Anagenesia minor mitochondrial COI gene for cytoch	AB711818	81.02	99.53	1.3987e–48	Ephemeroptera	Palingeniidae	Anagenesia minor
Pseudiron centralis voucher 08INHSE–0258 cytochrom	JQ662624	81.02	99.53	1.3987e–48	Ephemeroptera	Pseudironidae	Pseudiron centralis
Eurylophella sp. DHF1 voucher SWRC–Et_Sav6_03 cyto	JQ662522	81.02	99.53	1.3987e–48	Ephemeroptera	Ephemerellidae	Eurylophella sp. DHF1
Heptagenia pulla voucher ROM:2010566 EMO014 cytoch	KJ675073	83.87	86.92	4.88196e–48	Ephemeroptera	Heptageniidae	Heptagenia pulla
Stenonema sp. BOLD:AAA3409 voucher 1309300453 cyto	JN197565	80.56	99.53	4.88196e–48	Ephemeroptera	Heptageniidae	Stenonema sp. BOLD:AAA3409
Siphonurus sp. BOLD:AAC8954 voucher BIOUG02692–E0	KR145116	81.86	93.93	1.70397e–47	Ephemeroptera	Siphonuridae	Siphonurus sp. BOLD:AAC8954
Drunella basalis voucher OPU_BS_Db2012–161 cytochr	KF563045	83.51	87.85	1.70397e–47	Ephemeroptera	Ephemerellidae	Drunella basalis
Drunella basalis voucher OPU_BS_Db2012–6 cytochrom	KF563036	83.51	87.85	1.70397e–47	Ephemeroptera	Ephemerellidae	Drunella basalis
Eurylophella sp. DHF1 voucher SWRC–Et_Sav6_11 cyto	JQ663252	80.56	99.53	1.70397e–47	Ephemeroptera	Ephemerellidae	Eurylophella sp. DHF1
Attenella attenuata voucher SWRC–Aa_E_05 cytochrom	JQ662776	81.02	99.53	1.70397e–47	Ephemeroptera	Ephemerellidae	Attenella attenuata
Eurylophella prudentialis voucher SWRC–Ev_Chi1_07 c	JQ662333	80.56	99.53	1.70397e–47	Ephemeroptera	Ephemerellidae	Eurylophella prudentialis
Leucrocuta sp. LJ1 voucher 09LJ109 cytochrome oxid	HM387143	82.56	91.12	1.70397e–47	Ephemeroptera	Heptageniidae	Leucrocuta sp. LJ1
Hexagenia limbata voucher 09LJ105 cytochrome oxida	GU713800	80.56	99.53	1.70397e–47	Ephemeroptera	Ephemeridae	Hexagenia limbata
Eurylophella versimilis voucher 08–SWRC–1650.1 cyt	GU682376	80.56	99.53	1.70397e–47	Ephemeroptera	Ephemerellidae	Eurylophella verisimilis
Siphonurus quebecensis isolate SLB17B cytochrome	AY326923	81.86	93.93	1.70397e–47	Ephemeroptera	Siphonuridae	Siphonurus quebecensis
Attenella attenuata isolate SLB752 cytochrome oxid	AY326809	81.02	99.53	1.70397e–47	Ephemeroptera	Ephemerellidae	Attenella attenuata
Ephemerellidae sp. BOLD:AAI9117 voucher BIOUG09888	KR143074	82.47	90.65	5.94744e–47	Ephemeroptera	Ephemerellidae	Ephemerellidae sp. BOLD:AAI9117
Serratella setigera voucher OPU_BS_Es2011–605 cyto	JQ655113	80.95	96.73	5.94744e–47	Ephemeroptera	Ephemerellidae	Serratella setigera
Drunella coloradensis voucher BIOUG<CAN>:08ABMAY–0	GU711459	82.47	90.65	5.94744e–47	Ephemeroptera	Ephemerellidae	Drunella coloradensis
Maccaffertium pulchellum voucher BIOUG<CAN>:BIOUG0	JQ662560	80.47	99.07	5.94744e–47	Ephemeroptera	Heptageniidae	Maccaffertium pulchellum
Drunella coloradensis voucher BIOUG<CAN>:10BBEPT–0	JQ662323	82.47	90.65	5.94744e–47	Ephemeroptera	Ephemerellidae	Drunella coloradensis
Ephemerella sp. LJ2 voucher 09LJ85 cytochrome oxid	GU713853	82.23	92.06	5.94744e–47	Ephemeroptera	Ephemerellidae	Ephemerella sp. LJ2
Ephemerella sp. LJ2 voucher 09LJ94 cytochrome oxid	GU713850	82.23	92.06	5.94744e–47	Ephemeroptera	Ephemerellidae	Ephemerella sp. LJ2
Ephemerella sp. LJ2 voucher 09LJ86 cytochrome oxid	GU713849	82.23	92.06	5.94744e–47	Ephemeroptera	Ephemerellidae	Ephemerella sp. LJ2
Ephemerella sp. LJ2 voucher 09LJ88 cytochrome oxid	GU713848	82.23	92.06	5.94744e–47	Ephemeroptera	Ephemerellidae	Ephemerella sp. LJ2
Drunella coloradensis voucher BIOUG<CAN>:08ABMAY–0	GU711460	82.47	90.65	5.94744e–47	Ephemeroptera	Ephemerellidae	Drunella coloradensis
Serratella sp. AMI 1 voucher 3306440141 cytochrome	HQ150835	79.17	99.53	3.08085e–44	Ephemeroptera	Ephemerellidae	Serratella sp. AMI 1