

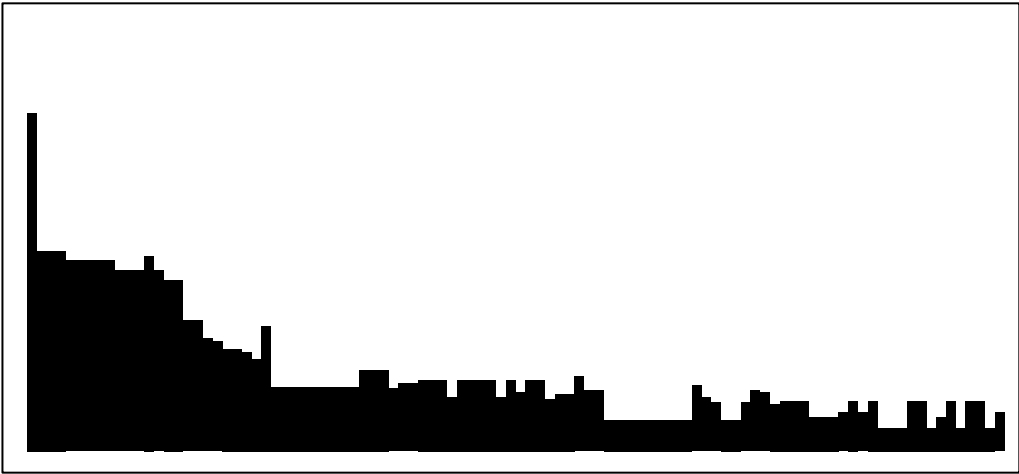
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Serratella cf. ignita SE-36-FR(MV)

Ephemerellidae

Ephemeroptera

95.85



Serratella cf. ignita SE-36-FR(MV) mitochondrial p	HG935102	95.85	100	4.3431e-93	Ephemeroptera	Ephemerellidae	Serratella cf. ignita SE-36-FR(MV)
Serratella ignita mitochondrial partial COI gene f	HG935100	89.4	100	4.34694e-74	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935099	89.4	100	4.34694e-74	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935098	89.4	100	4.34694e-74	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935103	88.94	100	5.29566e-73	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935097	88.94	100	5.29566e-73	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935096	88.94	100	5.29566e-73	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935095	88.94	100	5.29566e-73	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935094	88.94	100	5.29566e-73	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	LN734761	88.48	100	2.25177e-71	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	LN734760	88.48	100	2.25177e-71	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935101	88.48	100	2.25177e-71	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935093	89.15	97.7	2.25177e-71	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita clone DNA No. 92 cytochrome oxid	JN164273	88.48	100	2.25177e-71	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	LN734759	88.02	100	2.74322e-70	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	LN734758	88.02	100	2.74322e-70	Ephemeroptera	Ephemerellidae	Serratella ignita
Heptagenia marginalis voucher PERC-EF514517 cytoch	EF514517	86.14	93.09	1.97525e-59	Ephemeroptera	Heptageniidae	Heptagenia marginalis
Heptagenia marginalis voucher PERC-EF514515 cytoch	EF514515	86.14	93.09	1.97525e-59	Ephemeroptera	Heptageniidae	Heptagenia marginalis
Afronurus sp. 350SbAf partial COI gene for cytochr	HF536604	85.29	94.01	8.39899e-58	Ephemeroptera	Heptageniidae	Afronurus sp. 350SbAf
Heptagenia nr. townesi JMW-2007 voucher USC-EF5145	EF514519	85.15	93.09	1.02321e-56	Ephemeroptera	Heptageniidae	Heptagenia nr. townesi JMW-2007
Electrogena zebrata mitochondrial partial COI gene	HG935066	84.8	94.01	3.57134e-56	Ephemeroptera	Heptageniidae	Electrogena zebrata
Electrogena zebrata mitochondrial partial COI gene	HG935065	84.8	94.01	3.57134e-56	Ephemeroptera	Heptageniidae	Electrogena zebrata
Heptagenia nr. townesi INHSE189-09 voucher 08INHSE	JQ661853	84.65	93.09	4.35078e-55	Ephemeroptera	Heptageniidae	Heptagenia nr. townesi INHSE189-09
Siphonurus typicus voucher 09LJ123 cytochrome oxi	GU713786	84.31	94.01	4.35078e-55	Ephemeroptera	Siphonuridae	Siphonurus typicus
Heptagenia sulphurea mitochondrial partial COI gen	HE651395	85.86	88.02	1.51857e-54	Ephemeroptera	Heptageniidae	Heptagenia sulphurea
Attenella sp. BOLD:AAG2939 voucher BIOUG02691-H11	KR148834	83.02	97.7	5.30034e-54	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-A09	KR148423	83.02	97.7	5.30034e-54	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-A07	KR148114	83.02	97.7	5.30034e-54	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-A11	KR147449	83.02	97.7	5.30034e-54	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-A08	KR147281	83.02	97.7	5.30034e-54	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-B04	KR146887	83.02	97.7	5.30034e-54	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-A10	KR142274	83.02	97.7	5.30034e-54	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-A06	KR141365	83.02	97.7	5.30034e-54	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-A01	KR144498	83.02	97.7	5.30034e-54	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Coloburiscoides munionga voucher MDFRC_EP0035 cyto	KP697585	83.82	94.01	1.85e-53	Ephemeroptera	Coloburiscidae	Coloburiscoides munionga
Coloburiscoides munionga voucher MDFRC_EP0001 cyto	KP697527	83.82	94.01	1.85e-53	Ephemeroptera	Coloburiscidae	Coloburiscoides munionga
Coloburiscoides munionga voucher MDFRC_EP0036 cyto	KP697421	83.82	94.01	1.85e-53	Ephemeroptera	Coloburiscidae	Coloburiscoides munionga
Ephemerellidae sp. OPU_BS_E2014-4 cytochrome oxida	KP970715	82.94	97.24	1.85e-53	Ephemeroptera	Ephemerellidae	Ephemerellidae sp. OPU_BS_E2014-4
Rhithrogena sp. 8 LV-2010 voucher 545FRHSVU cytoch	HM481157	83.17	95.85	6.45713e-53	Ephemeroptera	Heptageniidae	Rhithrogena sp. 8 LV-2010
Rhithrogena sp. 8 LV-2010 voucher 304FRAHPI cytoch	HM481038	83.17	95.85	6.45713e-53	Ephemeroptera	Heptageniidae	Rhithrogena sp. 8 LV-2010
Siphonurus sp. BOLD:AAC8954 voucher BIOUG02692-E0	KR147622	83.33	94.01	2.25376e-52	Ephemeroptera	Siphonuridae	Siphonurus sp. BOLD:AAC8954
Siphonurus sp. BOLD:AAC8954 voucher BIOUG02799-E0	KR146321	83.33	94.01	2.25376e-52	Ephemeroptera	Siphonuridae	Siphonurus sp. BOLD:AAC8954
Siphonurus sp. BOLD:AAC8954 voucher BIOUG02799-E0	KR142473	83.33	94.01	2.25376e-52	Ephemeroptera	Siphonuridae	Siphonurus sp. BOLD:AAC8954
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-A02	KR142225	82.55	97.7	2.25376e-52	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Siphonurus sp. BOLD:AAC8954 voucher BIOUG02692-E0	KR141711	83.33	94.01	2.25376e-52	Ephemeroptera	Siphonuridae	Siphonurus sp. BOLD:AAC8954
Siphonurus sp. BOLD:AAC8954 voucher BIOUG02799-E0	KR145995	83.33	94.01	2.25376e-52	Ephemeroptera	Siphonuridae	Siphonurus sp. BOLD:AAC8954
Siphonurus sp. BOLD:AAC8954 voucher BIOUG02692-E1	KR143722	83.33	94.01	2.25376e-52	Ephemeroptera	Siphonuridae	Siphonurus sp. BOLD:AAC8954
Coloburiscoides munionga voucher MDFRC_EP0034 cyto	KP697551	83.33	94.01	2.25376e-52	Ephemeroptera	Coloburiscidae	Coloburiscoides munionga
Pseudiron centralis voucher 08INHSE-0258 cytochrom	JQ662624	82.55	97.7	2.25376e-52	Ephemeroptera	Pseudironidae	Pseudiron centralis
Siphonurus typicus voucher BIOUG<CAN>:08ONMAY-002	JQ661732	83.33	94.01	2.25376e-52	Ephemeroptera	Siphonuridae	Siphonurus typicus
Anopheles costai isolate MPC03-2 cytochrome c oxid	HM022404	82.78	96.31	2.25376e-52	Diptera	Culicidae	Anopheles costai
Siphonurus typicus voucher 09LJ122 cytochrome oxi	GU713789	83.33	94.01	2.25376e-52	Ephemeroptera	Siphonuridae	Siphonurus typicus
Siphonurus typicus voucher 09LJ124 cytochrome oxi	GU713787	83.33	94.01	2.25376e-52	Ephemeroptera	Siphonuridae	Siphonurus typicus
Ephemerella sp. OPU_BS_E2012-129 cytochrome oxidas	KF563051	82.46	97.24	7.8664e-52	Ephemeroptera	Ephemerellidae	Ephemerella sp. OPU_BS_E2012-129
Rhithrogena sp. 8 LV-2010 voucher 049FRDRFO cytoch	HM480880	82.69	95.85	7.8664e-52	Ephemeroptera	Heptageniidae	Rhithrogena sp. 8 LV-2010
Rhithrogena sp. 8 LV-2010 voucher 040FRDRFO cytoch	HM480874	82.69	95.85	7.8664e-52	Ephemeroptera	Heptageniidae	Rhithrogena sp. 8 LV-2010
Isonychia japonica mitochondrial gene for cytochro	LC106877	83.5	92.17	2.74564e-51	Ephemeroptera	Isonychiidae	Isonychia japonica
Siphonurus sp. BOLD:AAC8954 voucher BIOUG02692-E0	KR147880	82.84	94.01	9.58324e-51	Ephemeroptera	Siphonuridae	Siphonurus sp. BOLD:AAC8954
Siphonurus sp. BOLD:AAC8954 voucher BIOUG02692-E0	KR145116	82.84	94.01	9.58324e-51	Ephemeroptera	Siphonuridae	Siphonurus sp. BOLD:AAC8954
Procladius sp. BOLD:ACA8532 voucher BIOUG03287-D03	KM995235	81.48	99.54	9.58324e-51	Diptera	Chironomidae	Procladius sp. BOLD:ACA8532
Procladius sp. BOLD:ACA8532 voucher BIOUG03386-C12	KM988851	81.48	99.54	9.58324e-51	Diptera	Chironomidae	Procladius sp. BOLD:ACA8532
Procladius sp. BOLD:ACA8532 voucher BIOUG03114-H09	KM988218	81.48	99.54	9.58324e-51	Diptera	Chironomidae	Procladius sp. BOLD:ACA8532
Procladius sp. BOLD:ACA8532 voucher BIOUG03287-A06	KM993015	81.48	99.54	9.58324e-51	Diptera	Chironomidae	Procladius sp. BOLD:ACA8532
Procladius sp. BOLD:ACA8532 voucher BIOUG03289-B03	KM992736	81.48	99.54	9.58324e-51	Diptera	Chironomidae	Procladius sp. BOLD:ACA8532
Procladius sp. BOLD:ACA8532 voucher BIOUG03288-H06	KM992181	81.48	99.54	9.58324e-51	Diptera	Chironomidae	Procladius sp. BOLD:ACA8532
Procladius sp. BOLD:ACA8532 voucher BIOUG03333-H02	KM991336	81.48	99.54	9.58324e-51	Diptera	Chironomidae	Procladius sp. BOLD:ACA8532
Procladius sp. BOLD:ACA8532 voucher BIOUG03288-C08	KM990908	81.48	99.54	9.58324e-51	Diptera	Chironomidae	Procladius sp. BOLD:ACA8532
Procladius sp. BOLD:ACA8532 voucher BIOUG03157-H02	KM990745	81.48	99.54	9.58324e-51	Diptera	Chironomidae	Procladius sp. BOLD:ACA8532
Heptagenia pulla voucher ROM:2010566 EMO014 cytoch	KJ675073	83.08	92.63	9.58324e-51	Ephemeroptera	Heptageniidae	Heptagenia pulla
Epeorus Inigrus mitochondrial COI gene for cytochr	AB830077	82.52	94.93	9.58324e-51	Ephemeroptera	Heptageniidae	Epeorus Inigrus
Anopheles costai voucher PU145-11 cytochrome c oxi	JX205127	82.3	96.31	9.58324e-51	Diptera	Culicidae	Anopheles costai
Attenella attenuata voucher BIOUG<CAN>:BIOUG00637-	JQ663326	81.48	99.54	9.58324e-51	Ephemeroptera	Ephemerellidae	Attenella attenuata
Eurylophella sp. DHF1 voucher SWRC-Et_Sav6_03 cyto	JQ662522	81.48	99.54	9.58324e-51	Ephemeroptera	Ephemerellidae	Eurylophella sp. DHF1
Anopheles costai isolate MG35-05 cytochrome c oxid	HM022403	82.3	96.31	9.58324e-51	Diptera	Culicidae	Anopheles costai
Siphonurus quebecensis isolate SLB17B cytochrome	AY326923	82.84	94.01	9.58324e-51	Ephemeroptera	Siphonuridae	Siphonurus quebecensis
Pentagenia vittigera isolate RC2-6 cytochrome oxid	JF764778	82.76	93.55	3.34488e-50	Ephemeroptera	Palingeniidae	Pentagenia vittigera
Rhithrogena sp. 8 LV-2010 voucher 274FRAHPI cytoch	HM481023	82.21	95.85	3.34488e-50	Ephemeroptera	Heptageniidae	Rhithrogena sp. 8 LV-2010
Siphonurus sp. BOLD:AAC8954 voucher BIOUG02692-E0	KR146231	82.35	94.01	1.16748e-49	Ephemeroptera	Siphonuridae	Siphonurus sp. BOLD:AAC8954
Siphonurus sp. BOLD:AAC8954 voucher BIOUG02692-D1	KR140876	82.35	94.01	1.16748e-49	Ephemeroptera	Siphonuridae	Siphonurus sp. BOLD:AAC8954
Siphonurus sp. BOLD:AAC8954 voucher BIOUG02692-D1	KR144125	82.35	94.01	1.16748e-49	Ephemeroptera	Siphonuridae	Siphonurus sp. BOLD:AAC8954
Simulium panamense voucher BIOUG01379-A04 cytochro	KP252869	81.6	97.7	1.16748e-49	Diptera	Simuliidae	Simulium panamense
Simulium panamense voucher BIOUG01378-E06 cytochro	KP252696	81.6	97.7	1.16748e-49	Diptera	Simuliidae	Simulium panamense
Simulium panamense voucher BIOUG01379-C01 cytochro	KP252549	81.6	97.7	1.16748e-49	Diptera	Simuliidae	Simulium panamense
Anopheles forattinii voucher CCDB-10763-H11 cytoch	KF670990	81.82	96.31	1.16748e-49	Diptera	Culicidae	Anopheles forattinii
Paegniodes cupulatus mitochondrion, complete genom	HM004123	82.35	94.01	1.16748e-49	Ephemeroptera	Heptageniidae	Paegniodes cupulatus
Ephemera danica voucher NO-EPH76 cytochrome oxidas	JX571926	81.82	96.31	1.16748e-49	Ephemeroptera	Ephemeridae	Ephemera danica
Heptageniidae sp. 3 LV-2012b partial COI gene for	HF536603	82.35	94.01	1.16748e-49	Ephemeroptera	Heptageniidae	Heptageniidae sp. 3 LV-2012b
Ameletus sp. BOLD:AAB6152 voucher 8310140280 cytoc	JN197441	81.11	100	1.16748e-49	Ephemeroptera	Ameletidae	Ameletus sp. BOLD:AAB6152
Ameletus sp. BOLD:AAB6152 voucher 8010170389 cytoc	JN200266	81.11	100	1.16748e-49	Ephemeroptera	Ameletidae	Ameletus sp. BOLD:AAB6152
Ameletus lineatus voucher 08INHSE-0001 cytochrome	JQ663218	81.11	100	1.16748e-49	Ephemeroptera	Ameletidae	Ameletus lineatus
Siphonurus rapidus voucher BIOUG<CAN>:08ONMAY-009	JQ662887	82.35	94.01	1.16748e-49	Ephemeroptera	Siphonuridae	Siphonurus rapidus
Siphonurus sp. JMW1 voucher BIOUG<CAN>:BIOUG00637	JQ662503	82.35	94.01	1.16748e-49	Ephemeroptera	Siphonuridae	Siphonurus sp. JMW1
Ameletus lineatus voucher 09LJ121 cytochrome oxida	GU713788	81.11	100	1.16748e-49	Ephemeroptera	Ameletidae	Ameletus lineatus
Eurylophella prudentalis voucher SWRC-Ev_Chi1_07 c	JQ662333	81.6	97.7	1.16748e-49	Ephemeroptera	Ephymerellidae	Eurylophella prudentalis
Siphonurus rapidus voucher BIOUG<CAN>:09NBMAy-014	JQ662326	82.35	94.01	1.16748e-49	Ephemeroptera	Siphonuridae	Siphonurus rapidus
Ameletus lineatus voucher 08INHSE-0002 cytochrome	JQ662288	81.11	100	1.16748e-49	Ephemeroptera	Ameletidae	Ameletus lineatus
Siphonurus rapidus voucher BIOUG<CAN>:09NBMAy-026	JQ662155	82.35	94.01	1.16748e-49	Ephemeroptera	Siphonuridae	Siphonurus rapidus
Siphonurus rapidus voucher BIOUG<CAN>:08ONMAY-009	JQ662097	82.35	94.01	1.16748e-49	Ephemeroptera	Siphonuridae	Siphonurus rapidus
Ameletus sp. AMI 1 voucher 5614460185 cytochrome o	HQ151821	81.11	100	1.16748e-49	Ephemeroptera	Ameletidae	Ameletus sp. AMI 1
Ameletus sp. AMI 1 voucher 3614450120 cytochrome o	HQ151820	81.82	96.31	1.16748e-49	Ephemeroptera	Ameletidae	Ameletus sp. AMI 1