

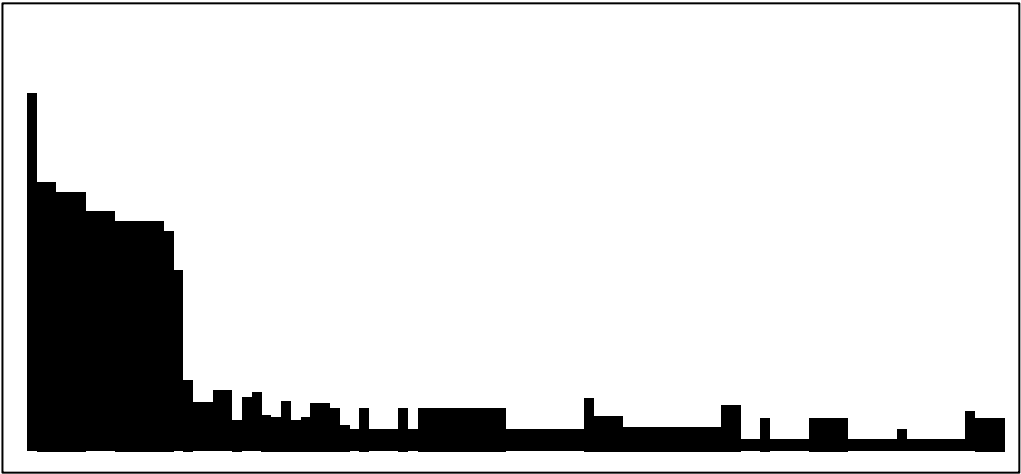
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Serratella ignita

Ephemerellidae

Ephemeroptera

96.77



Serratella ignita clone DNA No. 92 cytochrome oxid	JN164273	96.77	100	8.15256e-96	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	LN734759	92.63	100	7.15142e-84	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	LN734758	92.63	100	7.15142e-84	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	LN734761	92.17	100	3.04086e-82	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	LN734760	92.17	100	3.04086e-82	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935101	92.17	100	3.04086e-82	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935100	91.24	100	1.5752e-79	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935099	91.24	100	1.5752e-79	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935098	91.24	100	1.5752e-79	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935103	90.78	100	1.91899e-78	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935097	90.78	100	1.91899e-78	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935096	90.78	100	1.91899e-78	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935095	90.78	100	1.91899e-78	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935094	90.78	100	1.91899e-78	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935093	90.32	100	8.15976e-77	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella cf. ignita SE-36-FR(MV) mitochondrial p	HG935102	88.48	100	2.18957e-71	Ephemeroptera	Ephemerellidae	Serratella cf. ignita SE-36-FR(MV)
Metretopus borealis voucher BIOUG<CAN>:AY165687 cy	AY165687	83.33	93.87	2.1915e-52	Ephemeroptera	Metretopodidae	Metretopus borealis
Rhithrogena insularis mitochondrial partial COI ge	LN868549	82.3	96.23	9.31851e-51	Ephemeroptera	Heptageniidae	Rhithrogena insularis
Rhithrogena insularis mitochondrial partial COI ge	LN734741	82.3	96.23	9.31851e-51	Ephemeroptera	Heptageniidae	Rhithrogena insularis
Electrogena zebtrata mitochondrial partial COI gene	HG935066	82.84	93.87	9.31851e-51	Ephemeroptera	Heptageniidae	Electrogena zebtrata
Electrogena zebtrata mitochondrial partial COI gene	HG935065	82.84	93.87	9.31851e-51	Ephemeroptera	Heptageniidae	Electrogena zebtrata
Eurylophella prudentalis voucher SWRC-Ev_Chi1_07 c	JQ662333	81.48	99.53	9.31851e-51	Ephemeroptera	Ephemerellidae	Eurylophella prudentalis
Epeorus sp. AJ-2011 isolate RH2-8 cytochrome oxida	JF764762	82.52	94.81	9.31851e-51	Ephemeroptera	Heptageniidae	Epeorus sp. AJ-2011
Compsoeuria sp. 354LuCo partial COI gene for cyto	HF536607	82.76	93.4	3.25248e-50	Ephemeroptera	Heptageniidae	Compsoeuria sp. 354LuCo
Ephemerella dorothea infrequens voucher BIOUG<CAN>	JQ663319	81.69	98.11	3.25248e-50	Ephemeroptera	Ephemerellidae	Ephemerella dorothea infrequens
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-A02	KR142225	81.6	97.64	1.13523e-49	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Metretopus alter voucher NO-EPH6 cytochrome oxidas	JN299079	82.35	93.87	1.13523e-49	Ephemeroptera	Metretopodidae	Metretopus alter
Attenella attenuata voucher BIOUG<CAN>:BIOUG00637-	JQ663326	81.48	99.53	1.13523e-49	Ephemeroptera	Ephemerellidae	Attenella attenuata
Attenella margarita voucher LJ083PU cytochrome oxi	JQ662752	81.6	97.64	1.13523e-49	Ephemeroptera	Ephemerellidae	Attenella margarita
Hybotidae sp. BOLD:ACC8252 voucher BIOUG03572-B11	KR430567	82.27	93.4	3.96233e-49	Diptera	Hybotidae	Hybotidae sp. BOLD:ACC8252
Cinygmula sp. OPU_BS_C2011-90 cytochrome oxidase s	KF563023	82.27	93.4	3.96233e-49	Ephemeroptera	Heptageniidae	Cinygmula sp. OPU_BS_C2011-90
Thyridosmylus langii mitochondrion, complete genom	KC515397	82.04	94.81	3.96233e-49	Neuroptera	Osmiidae	Thyridosmylus langii
Ephemera danica voucher NO-EPH76 cytochrome oxidas	JX571926	81.22	98.11	3.96233e-49	Ephemeroptera	Ephemeridae	Ephemera danica
Penelomax septentrionalis voucher 2211200536 cytot	JN200395	81.02	99.53	3.96233e-49	Ephemeroptera	Ephemerellidae	Penelomax septentrionalis
Epeorus latifolium voucher OPU_BS_Ei2011-24 cytoch	JQ655115	82.04	94.81	3.96233e-49	Ephemeroptera	Heptageniidae	Epeorus latifolium
Penelomax septentrionalis voucher BIOUG<CAN>:09NBM	JQ662262	81.02	99.53	3.96233e-49	Ephemeroptera	Ephemerellidae	Penelomax septentrionalis
Penelomax septentrionalis voucher BIOUG<CAN>:09NBM	JQ661631	81.02	99.53	3.96233e-49	Ephemeroptera	Ephemerellidae	Penelomax septentrionalis
Penelomax septentrionalis voucher 1310890193 cytot	HQ151153	81.02	99.53	3.96233e-49	Ephemeroptera	Ephemerellidae	Penelomax septentrionalis
Rhithrogena sp. 3 LV-2010 voucher 384CHFRCA cytoch	HM481070	82.04	94.81	3.96233e-49	Ephemeroptera	Heptageniidae	Rhithrogena sp. 3 LV-2010
Eurylophella prudentalis voucher BIOUG<CAN>:10BGMA	HM900434	81.02	99.53	3.96233e-49	Ephemeroptera	Ephemerellidae	Eurylophella prudentalis
Epeorus Inigrus mitochondrial COI gene for cytochr	AB550596	82.04	94.81	3.96233e-49	Ephemeroptera	Heptageniidae	Epeorus Inigrus
Epeorus Inigrus mitochondrial COI gene for cytochr	AB550585	82.04	94.81	3.96233e-49	Ephemeroptera	Heptageniidae	Epeorus Inigrus
Epeorus Inigrus mitochondrial COI gene for cytochr	AB550579	82.04	94.81	3.96233e-49	Ephemeroptera	Heptageniidae	Epeorus Inigrus
Epeorus Inigrus mitochondrial COI gene for cytochr	AB550565	82.04	94.81	3.96233e-49	Ephemeroptera	Heptageniidae	Epeorus Inigrus
Epeorus Inigrus mitochondrial COI gene for cytochr	AB538382	82.04	94.81	3.96233e-49	Ephemeroptera	Heptageniidae	Epeorus Inigrus
Epeorus Inigrus mitochondrial COI gene for cytochr	AB538365	82.04	94.81	3.96233e-49	Ephemeroptera	Heptageniidae	Epeorus Inigrus
Epeorus Inigrus mitochondrial COI gene for cytochr	AB538348	82.04	94.81	3.96233e-49	Ephemeroptera	Heptageniidae	Epeorus Inigrus
Epeorus Inigrus mitochondrial COI gene for cytochr	AB538344	82.04	94.81	3.96233e-49	Ephemeroptera	Heptageniidae	Epeorus Inigrus
Epeorus Inigrus mitochondrial COI gene for cytochr	AB538343	82.04	94.81	3.96233e-49	Ephemeroptera	Heptageniidae	Epeorus Inigrus
Simulium juxtacrenobium voucher ACBBsimEN1C cytoch	GU072943	81.02	99.53	3.96233e-49	Diptera	Simuliidae	Simulium juxtacrenobium
Simulium juxtacrenobium voucher ACBBsimFN100E cyto	GU072941	81.02	99.53	3.96233e-49	Diptera	Simuliidae	Simulium juxtacrenobium
Simulium juxtacrenobium voucher ACBBsimFN100D cyto	GU072940	81.02	99.53	3.96233e-49	Diptera	Simuliidae	Simulium juxtacrenobium
Simulium juxtacrenobium voucher ACBBsimFN100G cyto	GU072936	81.02	99.53	3.96233e-49	Diptera	Simuliidae	Simulium juxtacrenobium
Simulium juxtacrenobium voucher ACBBsimFN100J cyto	GU072935	81.02	99.53	3.96233e-49	Diptera	Simuliidae	Simulium juxtacrenobium
Simulium juxtacrenobium voucher ACBBsimFN100H cyto	GU072933	81.02	99.53	3.96233e-49	Diptera	Simuliidae	Simulium juxtacrenobium
Eurylophella prudentalis isolate SLB50 cytochrome	AY326922	81.02	99.53	3.96233e-49	Ephemeroptera	Ephemerellidae	Eurylophella prudentalis
Eurylophella prudentalis isolate SLB314 cytochrome	AY326921	81.02	99.53	3.96233e-49	Ephemeroptera	Ephemerellidae	Eurylophella prudentalis
Thalerosphyrus flowersi mitochondrial COX1 gene fo	LC157424	82.5	91.98	1.38299e-48	Ephemeroptera	Heptageniidae	Thalerosphyrus flowersi
Tipulidae sp. BOLD:AAC9088 voucher BIOUG17561-H07	KR513876	81.64	95.28	1.38299e-48	Diptera	Tipulidae	Tipulidae sp. BOLD:AAC9088
Tipula sp. BOLD:AAC9088 voucher BIOUG12436-B04 cyt	KR395333	81.64	95.28	1.38299e-48	Diptera	Tipulidae	Tipula sp. BOLD:AAC9088
Tipula sp. BOLD:AAC9088 voucher BIOUG12436-F04 cyt	KR388878	81.64	95.28	1.38299e-48	Diptera	Tipulidae	Tipula sp. BOLD:AAC9088
Attenella sp. BOLD:AAG2939 voucher BIOUG02691-H11	KR148834	81.13	97.64	1.38299e-48	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-A09	KR148423	81.13	97.64	1.38299e-48	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-A07	KR148114	81.13	97.64	1.38299e-48	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-A11	KR147449	81.13	97.64	1.38299e-48	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-A08	KR147281	81.13	97.64	1.38299e-48	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-B04	KR146887	81.13	97.64	1.38299e-48	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-A10	KR142274	81.13	97.64	1.38299e-48	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-A06	KR141365	81.13	97.64	1.38299e-48	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-A01	KR144498	81.13	97.64	1.38299e-48	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella margarita voucher LJ082PU cytochrome oxi	JQ661797	81.13	97.64	1.38299e-48	Ephemeroptera	Ephemerellidae	Attenella margarita
Heptagenia marginalis voucher PERC-EF514517 cytoch	EF514517	82.18	92.92	1.38299e-48	Ephemeroptera	Heptageniidae	Heptagenia marginalis
Heptagenia marginalis voucher PERC-EF514515 cytoch	EF514515	82.18	92.92	1.38299e-48	Ephemeroptera	Heptageniidae	Heptagenia marginalis
Eurylophella sp. BOLD:AAC5550 voucher BIOUG02691-D	KR148714	80.56	99.53	4.82711e-48	Ephemeroptera	Ephemerellidae	Eurylophella sp. BOLD:AAC5550
Eurylophella sp. BOLD:AAC5550 voucher BIOUG02691-F	KR147928	80.56	99.53	4.82711e-48	Ephemeroptera	Ephemerellidae	Eurylophella sp. BOLD:AAC5550
Austrophlebioides marchanti voucher MDFRC_EP0028 c	KP697628	81.55	94.81	4.82711e-48	Ephemeroptera	Austrophlebioides marchanti	Austrophlebioides marchanti
Austrophlebioides pusillus voucher MDFRC_EP0016 cy	KP697613	80.56	99.53	4.82711e-48	Ephemeroptera	Austrophlebioides pusillus	Austrophlebioides pusillus
Ephemerella sp. OPU_BS_E2014-73 cytochrome oxidase	KP970728	80.56	99.53	4.82711e-48	Ephemeroptera	Ephemerellidae	Ephemerella sp. OPU_BS_E2014-73
Ephemerella sp. OPU_BS_E2014-69 cytochrome oxidase	KP970726	80.56	99.53	4.82711e-48	Ephemeroptera	Ephemerellidae	Ephemerella sp. OPU_BS_E2014-69
Ephemerella sp. OPU_BS_E2014-68 cytochrome oxidase	KP970725	80.56	99.53	4.82711e-48	Ephemeroptera	Ephemerellidae	Ephemerella sp. OPU_BS_E2014-68
Epeorus latifolium voucher OPU_BS_Ei2014-2 cytochr	KP970714	81.55	94.81	4.82711e-48	Ephemeroptera	Heptageniidae	Epeorus latifolium
Epeorus latifolium voucher OPU_BS_Ei2014-1 cytochr	KP970713	81.55	94.81	4.82711e-48	Ephemeroptera	Heptageniidae	Epeorus latifolium
Epeorus Inigrus mitochondrial COI gene for cytochr	AB830077	81.55	94.81	4.82711e-48	Ephemeroptera	Heptageniidae	Epeorus Inigrus
Epeorus latifolium voucher OPU_BS_Ei2011-22 cytoch	KF563020	81.55	94.81	4.82711e-48	Ephemeroptera	Heptageniidae	Epeorus latifolium
Hexagenia limbata voucher EPA0096 cytochrome oxida	JN200548	80.56	99.53	4.82711e-48	Ephemeroptera	Ephemeridae	Hexagenia limbata
Belgica albipes isolate BAC4 cytochrome c oxidase	JQ672721	80.56	99.53	4.82711e-48	Diptera	Chironomidae	Belgica albipes
Belgica albipes isolate BAC2 cytochrome c oxidase	JQ672719	80.56	99.53	4.82711e-48	Diptera	Chironomidae	Belgica albipes
Eurylophella verisimilis voucher 07GSM-5997 cytoch	JQ663345	80.56	99.53	4.82711e-48	Ephemeroptera	Ephemerellidae	Eurylophella verisimilis
Hexagenia rigida voucher BIOUG<CAN>:BIOUG00637-F09	JQ662942	80.56	99.53	4.82711e-48	Ephemeroptera	Ephemeridae	Hexagenia rigida
Attenella attenuata voucher SWRC-Aa_E_05 cytochrom	JQ662776	81.02	99.53	4.82711e-48	Ephemeroptera	Ephemerellidae	Attenella attenuata
Eurylophella prudentalis voucher BIOUG<CAN>:09NBMA	JQ662770	80.56	99.53	4.82711e-48	Ephemeroptera	Ephemerellidae	Eurylophella prudentalis
Hexagenia rigida voucher BIOUG<CAN>:BIOUG00637-F08	JQ662300	80.56	99.53	4.82711e-48	Ephemeroptera	Ephemeridae	Hexagenia rigida
Hexagenia rigida voucher BIOUG<CAN>:BIOUG00637-F06	JQ662204	80.56	99.53	4.82711e-48	Ephemeroptera	Ephemeridae	Hexagenia rigida
Hexagenia rigida voucher BIOUG<CAN>:08ONMAY-0121 c	JQ662129	80.56	99.53	4.82711e-48	Ephemeroptera	Ephemeridae	Hexagenia rigida
Eurylophella prudentalis voucher BIOUG<CAN>:09NBMA	JQ662079	80.56	99.53	4.82711e-48	Ephemeroptera	Ephemerellidae	Eurylophella prudentalis
Eurylophella verisimilis voucher 07GSM-5996 cytoch	JQ661656	80.56	99.53	4.82711e-48	Ephemeroptera	Ephemerellidae	Eurylophella verisimilis
Ephemeroptera sp. WTN-2010 isolate S6MAF cytochrom	HQ116461	81.86	93.87	4.82711e-48	Ephemeroptera	Ephemeroptera	Ephemeroptera sp. WTN-2010
Epeorus Inigrus mitochondrial COI gene for cytochr	AB550606	81.55	94.81	4.82711e-48	Ephemeroptera	Heptageniidae	Epeorus Inigrus
Epeorus Inigrus mitochondrial COI gene for cytochr	AB550604	81.55	94.81	4.82711e-48	Ephemeroptera	Heptageniidae	Epeorus Inigrus
Epeorus Inigrus mitochondrial COI gene for cytochr	AB550597	81.55	94.81	4.82711e-48	Ephemeroptera	Heptageniidae	Epeorus Inigrus