

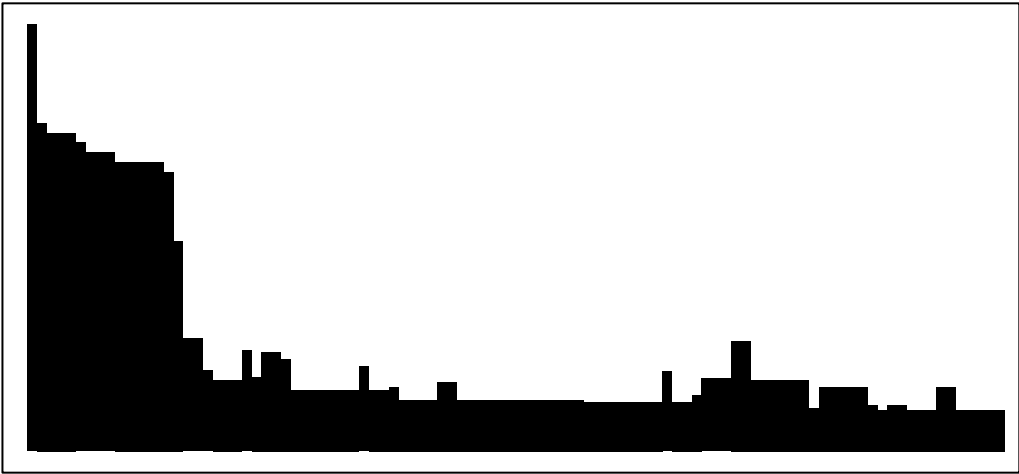
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Serratella ignita

Ephemerellidae

Ephemeroptera

100



Serratella ignita clone DNA No. 92 cytochrome oxid	JN164273	100	100	1.41832e-105	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	LN734758	95.39	100	5.29025e-92	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	LN734761	94.93	100	2.24947e-90	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	LN734760	94.93	100	2.24947e-90	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935101	94.93	100	2.24947e-90	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	LN734759	94.47	100	2.74042e-89	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935100	94.01	100	1.16525e-87	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935099	94.01	100	1.16525e-87	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935098	94.01	100	1.16525e-87	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935103	93.55	100	1.41957e-86	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935097	93.55	100	1.41957e-86	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935096	93.55	100	1.41957e-86	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935095	93.55	100	1.41957e-86	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935094	93.55	100	1.41957e-86	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935093	93.09	100	6.03617e-85	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella cf. ignita SE-36-FR(MV) mitochondrial p	HG935102	89.86	100	1.02216e-75	Ephemeroptera	Ephemerellidae	Serratella cf. ignita SE-36-FR(MV)
Electrogena zebrata mitochondrial partial COI gene	HG935066	85.29	94.01	8.39781e-58	Ephemeroptera	Heptageniidae	Electrogena zebrata
Electrogena zebrata mitochondrial partial COI gene	HG935065	85.29	94.01	8.39781e-58	Ephemeroptera	Heptageniidae	Electrogena zebrata
Eurylophella prudentialis voucher SWRC-Ev_Chi1_07 c	JQ662333	83.8	99.54	2.93113e-57	Ephemeroptera	Ephemerellidae	Eurylophella prudentialis
Eurylophella prudentialis voucher BIOUG<CAN>:10BGMA	HM900434	83.33	99.54	3.57084e-56	Ephemeroptera	Ephemerellidae	Eurylophella prudentialis
Eurylophella prudentialis isolate SLB50 cytochrome	AY326922	83.33	99.54	3.57084e-56	Ephemeroptera	Ephemerellidae	Eurylophella prudentialis
Eurylophella prudentialis isolate SLB314 cytochrome	AY326921	83.33	99.54	3.57084e-56	Ephemeroptera	Ephemerellidae	Eurylophella prudentialis
Compsoeuria sp. 354LuCo partial COI gene for cyto	HF536607	84.73	93.55	1.24635e-55	Ephemeroptera	Heptageniidae	Compsoeuria sp. 354LuCo
Attenella margarita voucher LJ083PU cytochrome oxi	JQ662752	83.49	97.7	4.35018e-55	Ephemeroptera	Ephemerellidae	Attenella margarita
Heptagenia marginalis voucher PERC-EF514517 cytoch	EF514517	84.65	93.09	4.35018e-55	Ephemeroptera	Heptageniidae	Heptagenia marginalis
Heptagenia marginalis voucher PERC-EF514515 cytoch	EF514515	84.65	93.09	4.35018e-55	Ephemeroptera	Heptageniidae	Heptagenia marginalis
Metretopus borealis voucher BIOUG<CAN>:AY165687 cy	AY165687	84.31	94.01	4.35018e-55	Ephemeroptera	Metretopodidae	Metretopus borealis
Eurylophella sp. BOLD:AAC5550 voucher BIOUG02691-D	KR148714	82.87	99.54	1.51836e-54	Ephemeroptera	Ephemerellidae	Eurylophella sp. BOLD:AAC5550
Eurylophella sp. BOLD:AAC5550 voucher BIOUG02691-F	KR147928	82.87	99.54	1.51836e-54	Ephemeroptera	Ephemerellidae	Eurylophella sp. BOLD:AAC5550
Austrophlebioides pusillus voucher MDFRC_EP0016 cy	KP697613	82.87	99.54	1.51836e-54	Ephemeroptera	Ephemerellidae	Austrophlebioides pusillus
Eurylophella verisimilis voucher 07GSM-5997 cytoch	JQ663345	82.87	99.54	1.51836e-54	Ephemeroptera	Ephemerellidae	Eurylophella verisimilis
Eurylophella prudentialis voucher BIOUG<CAN>:09NBMA	JQ662770	82.87	99.54	1.51836e-54	Ephemeroptera	Ephemerellidae	Eurylophella prudentialis
Eurylophella prudentialis voucher BIOUG<CAN>:09NBMA	JQ662079	82.87	99.54	1.51836e-54	Ephemeroptera	Ephemerellidae	Eurylophella prudentialis
Eurylophella verisimilis voucher 07GSM-5996 cytoch	JQ661656	82.87	99.54	1.51836e-54	Ephemeroptera	Ephemerellidae	Eurylophella verisimilis
Epeorus sp. AJ-2011 isolate RH2-8 cytochrome oxida	JF764762	83.98	94.93	1.51836e-54	Ephemeroptera	Heptageniidae	Epeorus sp. AJ-2011
Eurylophella prudentialis voucher BIOUG<CAN>:AY1657	AY165736	82.87	99.54	1.51836e-54	Ephemeroptera	Ephemerellidae	Eurylophella prudentialis
Eurylophella prudentialis isolate SLB801 cytochrome	AY326842	82.87	99.54	1.51836e-54	Ephemeroptera	Ephemerellidae	Eurylophella prudentialis
Attenella margarita voucher LJ082PU cytochrome oxi	JQ661797	83.02	97.7	5.2996e-54	Ephemeroptera	Ephemerellidae	Attenella margarita
Procladius sp. BOLD:AAG5545 voucher BIOUG12657-G05	KP976727	82.41	99.54	1.84974e-53	Diptera	Chironomidae	Procladius sp. BOLD:AAG5545
Ephemerella sp. OPU_BS_E2014-73 cytochrome oxidase	KP970728	82.41	99.54	1.84974e-53	Ephemeroptera	Ephemerellidae	Ephemerella sp. OPU_BS_E2014-73
Ephemerella sp. OPU_BS_E2014-69 cytochrome oxidase	KP970726	82.41	99.54	1.84974e-53	Ephemeroptera	Ephemerellidae	Ephemerella sp. OPU_BS_E2014-69
Ephemerella sp. OPU_BS_E2014-68 cytochrome oxidase	KP970725	82.41	99.54	1.84974e-53	Ephemeroptera	Ephemerellidae	Ephemerella sp. OPU_BS_E2014-68
Rhithrogena insularis mitochondrial partial COI ge	LN868549	83.25	96.31	1.84974e-53	Ephemeroptera	Heptageniidae	Rhithrogena insularis
Rhithrogena insularis mitochondrial partial COI ge	LN734741	83.25	96.31	1.84974e-53	Ephemeroptera	Heptageniidae	Rhithrogena insularis
Hexagenia limbata voucher EPA0096 cytochrome oxida	JN200548	82.41	99.54	1.84974e-53	Ephemeroptera	Ephemeridae	Hexagenia limbata
Penelomax septentrionalis voucher 2211200536 cytoc	JN200395	82.41	99.54	1.84974e-53	Ephemeroptera	Ephemerellidae	Penelomax septentrionalis
Hexagenia rigida voucher BIOUG<CAN>:BIOUG00637-F09	JQ662942	82.41	99.54	1.84974e-53	Ephemeroptera	Ephemeridae	Hexagenia rigida
Hexagenia rigida voucher BIOUG<CAN>:BIOUG00637-F08	JQ662300	82.41	99.54	1.84974e-53	Ephemeroptera	Ephemeridae	Hexagenia rigida
Penelomax septentrionalis voucher BIOUG<CAN>:09NBM	JQ662262	82.41	99.54	1.84974e-53	Ephemeroptera	Ephemerellidae	Penelomax septentrionalis
Hexagenia rigida voucher BIOUG<CAN>:BIOUG00637-F06	JQ662204	82.41	99.54	1.84974e-53	Ephemeroptera	Ephemeridae	Hexagenia rigida
Hexagenia rigida voucher BIOUG<CAN>:08ONMAY-0121 c	JQ662129	82.41	99.54	1.84974e-53	Ephemeroptera	Ephemeridae	Hexagenia rigida
Penelomax septentrionalis voucher BIOUG<CAN>:09NBM	JQ661631	82.41	99.54	1.84974e-53	Ephemeroptera	Ephemerellidae	Penelomax septentrionalis
Eurylophella sp. AMI 1 voucher 8011070107 cytochro	HQ151200	82.41	99.54	1.84974e-53	Ephemeroptera	Ephemerellidae	Eurylophella sp. AMI 1
Penelomax septentrionalis voucher 1310890193 cytoc	HQ151153	82.41	99.54	1.84974e-53	Ephemeroptera	Ephemerellidae	Penelomax septentrionalis
Eurylophella sp. AMI 1 voucher 820014514 cytochrom	HQ261118	82.41	99.54	1.84974e-53	Ephemeroptera	Ephemerellidae	Eurylophella sp. AMI 1
Hexagenia cf. rigida SLB-2003 voucher BIOUG<CAN>:A	AY165699	82.41	99.54	1.84974e-53	Ephemeroptera	Ephemeridae	Hexagenia cf. rigida SLB-2003
Hexagenia rigida isolate SLB43 cytochrome oxidase	AY326817	82.41	99.54	1.84974e-53	Ephemeroptera	Ephemeridae	Hexagenia rigida
Ephoron shigae mitochondrial COX1 gene for cytochr	LC034107	82.33	99.08	6.45623e-53	Ephemeroptera	Polymitarcyidae	Ephoron shigae
Ephoron shigae mitochondrial COX1 gene for cytochr	LC034106	82.33	99.08	6.45623e-53	Ephemeroptera	Polymitarcyidae	Ephoron shigae
Ephoron shigae mitochondrial COX1 gene for cytochr	LC034105	82.33	99.08	6.45623e-53	Ephemeroptera	Polymitarcyidae	Ephoron shigae
Ephoron shigae mitochondrial COX1 gene for cytochr	LC034103	82.33	99.08	6.45623e-53	Ephemeroptera	Polymitarcyidae	Ephoron shigae
Ephoron shigae mitochondrial COX1 gene for cytochr	LC034101	82.33	99.08	6.45623e-53	Ephemeroptera	Polymitarcyidae	Ephoron shigae
Ephoron shigae mitochondrial COX1 gene for cytochr	LC034092	82.33	99.08	6.45623e-53	Ephemeroptera	Polymitarcyidae	Ephoron shigae
Ephoron shigae mitochondrial COX1 gene for cytochr	LC034091	82.33	99.08	6.45623e-53	Ephemeroptera	Polymitarcyidae	Ephoron shigae
Ephoron shigae mitochondrial COX1 gene for cytochr	LC034088	82.33	99.08	6.45623e-53	Ephemeroptera	Polymitarcyidae	Ephoron shigae
Afronurus hyalinus voucher OPU_BS_Eh2011-516 cytoc	KF563027	83.74	93.55	6.45623e-53	Ephemeroptera	Heptageniidae	Afronurus hyalinus
Ephoron shigae mitochondrial COI gene for cytochro	AB711780	82.33	99.08	6.45623e-53	Ephemeroptera	Polymitarcyidae	Ephoron shigae
Ephoron shigae mitochondrial COI gene for cytochro	AB711761	82.33	99.08	6.45623e-53	Ephemeroptera	Polymitarcyidae	Ephoron shigae
Ephemerella dorothea infrequens voucher BIOUG<CAN>	JQ663319	82.63	98.16	6.45623e-53	Ephemeroptera	Ephemerellidae	Ephemerella dorothea infrequens
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
Rhithrogena sp. 8 LV-2010 voucher 049FRDRFO cytoch	HM480880	83.41	94.47	6.45623e-53	Ephemeroptera	Heptageniidae	Rhithrogena sp. 8 LV-2010
Nephrotoma penumbra voucher 08BBTIP-056 cytochrome	KR438286	85.19	87.1	2.25345e-52	Diptera	Tipulidae	Nephrotoma penumbra
Nephrotoma penumbra voucher BIOUG13661-F04 cytochr	KR398168	85.19	87.1	2.25345e-52	Diptera	Tipulidae	Nephrotoma penumbra
Paegniodes cupulatus mitochondrion, complete genom	HM004123	83.33	94.01	2.25345e-52	Ephemeroptera	Heptageniidae	Paegniodes cupulatus
Metretopus alter voucher NO-EPH6 cytochrome oxidas	JN299079	83.33	94.01	2.25345e-52	Ephemeroptera	Metretopodidae	Metretopus alter
Notonurus josettae mitochondrial partial COI gene	HE651385	83.33	94.01	2.25345e-52	Ephemeroptera	Heptageniidae	Notonurus josettae
Notonurus josettae mitochondrial partial COI gene	HE651367	83.33	94.01	2.25345e-52	Ephemeroptera	Heptageniidae	Notonurus josettae
Notonurus josettae mitochondrial partial COI gene	HE651336	83.33	94.01	2.25345e-52	Ephemeroptera	Heptageniidae	Notonurus josettae
Metretopus borealis voucher BIOUG<CAN>:10BBEPT-007	JN291747	83.33	94.01	2.25345e-52	Ephemeroptera	Metretopodidae	Metretopus borealis
Choroterpes basalis voucher 08INHSE-0227 cytochrom	HQ568789	82.03	100	2.25345e-52	Ephemeroptera	Choroterpidae	Choroterpes basalis
Electrogena zebrata mitochondrial partial COI gene	LN734733	83.01	94.93	7.8653e-52	Ephemeroptera	Heptageniidae	Electrogena zebrata
Electrogena zebrata mitochondrial partial COI gene	HG935069	83.01	94.93	7.8653e-52	Ephemeroptera	Heptageniidae	Electrogena zebrata
Electrogena zebrata mitochondrial partial COI gene	HG935067	83.01	94.93	7.8653e-52	Ephemeroptera	Heptageniidae	Electrogena zebrata
Electrogena zebrata mitochondrial partial COI gene	HG935057	83.01	94.93	7.8653e-52	Ephemeroptera	Heptageniidae	Electrogena zebrata
Thyridosmylus langii mitochondrion, complete genom	KC515397	83.01	94.93	7.8653e-52	Neuroptera	Osmiidae	Thyridosmylus langii
Ephemera danica voucher NO-EPH76 cytochrome oxidas	JX571926	82.16	98.16	7.8653e-52	Ephemeroptera	Ephemeridae	Ephemera danica
Hexagenia rigida voucher BIOUG<CAN>:BIOUG00637-F07	JQ663127	81.94	99.54	7.8653e-52	Ephemeroptera	Ephemeridae	Hexagenia rigida
Maccaffertium mexicanum integrum voucher FAMUBOLD0	JQ662897	82.16	98.16	7.8653e-52	Ephemeroptera	Heptageniidae	Maccaffertium mexicanum integrum
Maccaffertium mexicanum integrum voucher FAMUBOLD0	JQ662242	82.16	98.16	7.8653e-52	Ephemeroptera	Heptageniidae	Maccaffertium mexicanum integrum
Eurylophella verisimilis voucher SWRC-Ev_Pan_30 cy	JQ661681	81.94	99.54	7.8653e-52	Ephemeroptera	Ephemerellidae	Eurylophella verisimilis
Eurylophella temporalis group sp. AMI 1 voucher 13	HQ151678	81.94	99.54	7.8653e-52	Ephemeroptera	Ephemerellidae	Eurylophella temporalis group sp. AMI 1
Eurylophella sp. AMI 1 voucher 660014527 cytochrom	HQ261125	81.94	99.54	7.8653e-52	Ephemeroptera	Ephemerellidae	Eurylophella sp. AMI 1
Rhithrogena sp. 3 LV-2010 voucher 384CHFRCA cytoch	HM481070	83.01	94.93	7.8653e-52	Ephemeroptera	Heptageniidae	Rhithrogena sp. 3 LV-2010
Rhithrogena sp. 3 LV-2010 voucher 141CHSGHO cytoch	HM480942	83.01	94.93	7.8653e-52	Ephemeroptera	Heptageniidae	Rhithrogena sp. 3 LV-2010
Eurylophella versimilis voucher 08-SWRC-1650.1 cyt	GU682376	81.94	99.54	7.8653e-52	Ephemeroptera	Ephemerellidae	Eurylophella versimilis
Simulium apicarium isolate G9l cytochrome oxidase	HM210486	81.94	99.54	7.8653e-52	Diptera	Simuliidae	Simulium apicarium
Simulium juxtacrenobium voucher ACBBSimEN1C cytoch	GU072943	81.94	99.54	7.8653e-52	Diptera	Simuliidae	Simulium juxtacrenobium
Simulium juxtacrenobium voucher ACBBSimEN1B cytoch	GU072942	81.94	99.54	7.8653e-52	Diptera	Simuliidae	Simulium juxtacrenobium
Simulium juxtacrenobium voucher ACBBSimFN100E cyto	GU072941	81.94	99.54	7.8653e-52	Diptera	Simuliidae	Simulium juxtacrenobium