

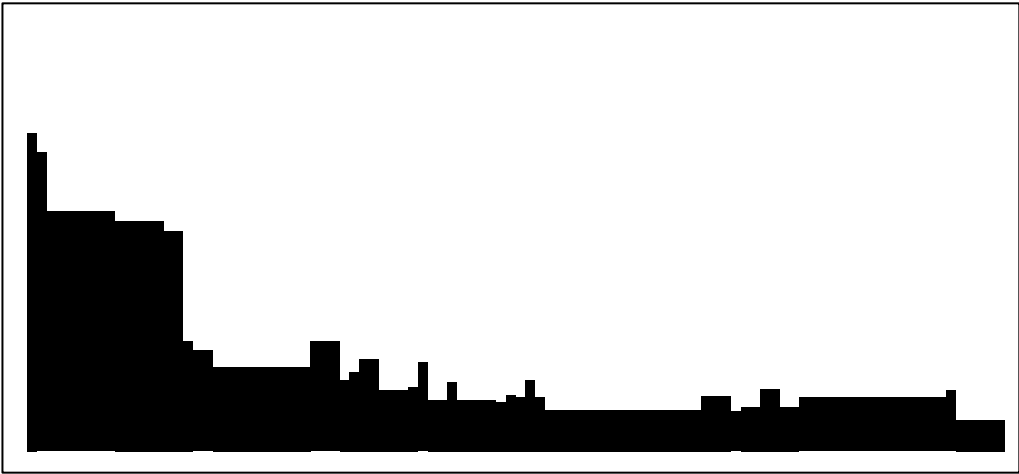
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Serratella cf. ignita SE-36-FR(MV)

Ephemerellidae

Ephemeroptera

94.93



Serratella cf. ignita SE-36-FR(MV) mitochondrial p	HG935102	94.93	100	2.24978e-90	Ephemeroptera	Ephemerellidae	Serratella cf. ignita SE-36-FR(MV)
Serratella ignita clone DNA No. 92 cytochrome oxid	JN164273	94.01	100	1.16542e-87	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	LN734761	91.24	100	1.61995e-79	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	LN734760	91.24	100	1.61995e-79	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	LN734758	91.24	100	1.61995e-79	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935101	91.24	100	1.61995e-79	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935100	91.24	100	1.61995e-79	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935099	91.24	100	1.61995e-79	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935098	91.24	100	1.61995e-79	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	LN734759	90.78	100	1.97351e-78	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935097	90.78	100	1.97351e-78	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935096	90.78	100	1.97351e-78	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935095	90.78	100	1.97351e-78	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935094	90.78	100	1.97351e-78	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935103	90.32	100	8.39157e-77	Ephemeroptera	Ephemerellidae	Serratella ignita
Serratella ignita mitochondrial partial COI gene f	HG935093	90.32	100	8.39157e-77	Ephemeroptera	Ephemerellidae	Serratella ignita
Attenella attenuata voucher BIOUG<CAN>;BIOUG00637-	JQ663326	85.19	99.54	1.62139e-60	Ephemeroptera	Ephemerellidae	Attenella attenuata
Attenella attenuata voucher SWRC-Aa_E_05 cytochrom	JQ662776	84.72	99.54	6.89431e-59	Ephemeroptera	Ephemerellidae	Attenella attenuata
Attenella attenuata isolate SLB752 cytochrome oxid	AY326809	84.72	99.54	6.89431e-59	Ephemeroptera	Ephemerellidae	Attenella attenuata
Attenella sp. BOLD:AAG2939 voucher BIOUG02691-H11	KR148834	83.96	97.7	1.02321e-56	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-A09	KR148423	83.96	97.7	1.02321e-56	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-A07	KR148114	83.96	97.7	1.02321e-56	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-A11	KR147449	83.96	97.7	1.02321e-56	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-A08	KR147281	83.96	97.7	1.02321e-56	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-B04	KR146887	83.96	97.7	1.02321e-56	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-A10	KR142274	83.96	97.7	1.02321e-56	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-A02	KR142225	83.96	97.7	1.02321e-56	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-A06	KR141365	83.96	97.7	1.02321e-56	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Attenella sp. BOLD:AAG2939 voucher BIOUG02692-A01	KR144498	83.96	97.7	1.02321e-56	Ephemeroptera	Ephemerellidae	Attenella sp. BOLD:AAG2939
Heptagenia nr. townesi JMW-2007 voucher USC-EF5145	EF514519	85.15	93.09	1.02321e-56	Ephemeroptera	Heptageniidae	Heptagenia nr. townesi JMW-2007
Heptagenia marginalis voucher PERC-EF514517 cytoch	EF514517	85.15	93.09	1.02321e-56	Ephemeroptera	Heptageniidae	Heptagenia marginalis
Heptagenia marginalis voucher PERC-EF514515 cytoch	EF514515	85.15	93.09	1.02321e-56	Ephemeroptera	Heptageniidae	Heptagenia marginalis
Eurylophella prudentialis voucher SWRC-Ev_Chi1_07 c	JQ662333	83.33	99.54	3.57134e-56	Ephemeroptera	Ephemerellidae	Eurylophella prudentialis
Rhithrogena insularis mitochondrial partial COI ge	LN734741	83.73	96.31	4.35078e-55	Ephemeroptera	Heptageniidae	Rhithrogena insularis
Electrogena zebrata mitochondrial partial COI gene	HG935066	84.31	94.01	4.35078e-55	Ephemeroptera	Heptageniidae	Electrogena zebrata
Electrogena zebrata mitochondrial partial COI gene	HG935065	84.31	94.01	4.35078e-55	Ephemeroptera	Heptageniidae	Electrogena zebrata
Eurylophella prudentialis voucher BIOUG<CAN>;10BGMA	HM900434	82.87	99.54	1.51857e-54	Ephemeroptera	Ephemerellidae	Eurylophella prudentialis
Eurylophella prudentialis isolate SLB50 cytochrome	AY326922	82.87	99.54	1.51857e-54	Ephemeroptera	Ephemerellidae	Eurylophella prudentialis
Eurylophella prudentialis isolate SLB314 cytochrome	AY326921	82.87	99.54	1.51857e-54	Ephemeroptera	Ephemerellidae	Eurylophella prudentialis
Attenella margarita voucher LJ083PU cytochrome oxi	JQ662752	83.02	97.7	5.30034e-54	Ephemeroptera	Ephemerellidae	Attenella margarita
Heptagenia nr. townesi INHSE189-09 voucher 08INHSE	JQ661853	84.16	93.09	5.30034e-54	Ephemeroptera	Heptageniidae	Heptagenia nr. townesi INHSE189-09
Eurylophella sp. BOLD:AAC5550 voucher BIOUG02691-D	KR148714	82.41	99.54	1.85e-53	Ephemeroptera	Ephemerellidae	Eurylophella sp. BOLD:AAC5550
Eurylophella sp. BOLD:AAC5550 voucher BIOUG02691-F	KR147928	82.41	99.54	1.85e-53	Ephemeroptera	Ephemerellidae	Eurylophella sp. BOLD:AAC5550
Rhithrogena insularis mitochondrial partial COI ge	LN868549	83.25	96.31	1.85e-53	Ephemeroptera	Heptageniidae	Rhithrogena insularis
Eurylophella prudentialis voucher BIOUG<CAN>;09NBMA	JQ662770	82.41	99.54	1.85e-53	Ephemeroptera	Ephemerellidae	Eurylophella prudentialis
Eurylophella prudentialis voucher BIOUG<CAN>;09NBMA	JQ662079	82.41	99.54	1.85e-53	Ephemeroptera	Ephemerellidae	Eurylophella prudentialis
Eurylophella prudentialis voucher BIOUG<CAN>;AY1657	AY165736	82.41	99.54	1.85e-53	Ephemeroptera	Ephemerellidae	Eurylophella prudentialis
Eurylophella prudentialis isolate SLB801 cytochrome	AY326842	82.41	99.54	1.85e-53	Ephemeroptera	Ephemerellidae	Eurylophella prudentialis
Ephemerella sp. OPU_BS_E2012-129 cytochrome oxidas	KF563051	82.33	99.08	6.45713e-53	Ephemeroptera	Ephemerellidae	Ephemerella sp. OPU_BS_E2012-129
Ephemera danica voucher NO-EPH76 cytochrome oxidas	JX571926	82.63	98.16	6.45713e-53	Ephemeroptera	Ephemeridae	Ephemera danica
Habrophlebia eldae mitochondrial partial COI gene	HG935083	82.55	97.7	2.25376e-52	Ephemeroptera	Ephemeridae	Habrophlebia eldae
Siphonurus rapidus voucher BIOUG<CAN>;09NBMA-026	JQ662155	83.33	94.01	2.25376e-52	Ephemeroptera	Ephemeridae	Siphonurus rapidus
Attenella margarita voucher LJ082PU cytochrome oxi	JQ661797	82.55	97.7	2.25376e-52	Ephemeroptera	Ephemerellidae	Attenella margarita
Simulium panamense voucher BIOUG01379-A04 cytochro	KP252869	81.94	99.54	7.8664e-52	Diptera	Simuliidae	Simulium panamense
Simulium panamense voucher BIOUG01378-E06 cytochro	KP252696	81.94	99.54	7.8664e-52	Diptera	Simuliidae	Simulium panamense
Hexagenia limbata voucher EPA0096 cytochrome oxida	JN200548	81.94	99.54	7.8664e-52	Ephemeroptera	Ephemeridae	Hexagenia limbata
Penelomax septentrionalis voucher 2211200536 cytoc	JN200395	81.94	99.54	7.8664e-52	Ephemeroptera	Ephemerellidae	Penelomax septentrionalis
Hexagenia rigida voucher BIOUG<CAN>;BIOUG00637-F09	JQ662942	81.94	99.54	7.8664e-52	Ephemeroptera	Ephemeridae	Hexagenia rigida
Hexagenia rigida voucher BIOUG<CAN>;BIOUG00637-F08	JQ662300	81.94	99.54	7.8664e-52	Ephemeroptera	Ephemeridae	Hexagenia rigida
Penelomax septentrionalis voucher BIOUG<CAN>;09NBM	JQ662262	81.94	99.54	7.8664e-52	Ephemeroptera	Ephemerellidae	Penelomax septentrionalis
Hexagenia rigida voucher BIOUG<CAN>;BIOUG00637-F06	JQ662204	81.94	99.54	7.8664e-52	Ephemeroptera	Ephemeridae	Hexagenia rigida
Hexagenia rigida voucher BIOUG<CAN>;08ONMAY-0121 c	JQ662129	81.94	99.54	7.8664e-52	Ephemeroptera	Ephemeridae	Hexagenia rigida
Penelomax septentrionalis voucher BIOUG<CAN>;09NBM	JQ661631	81.94	99.54	7.8664e-52	Ephemeroptera	Ephemerellidae	Penelomax septentrionalis
Penelomax septentrionalis voucher 8711200817 cytoc	HQ151183	81.94	99.54	7.8664e-52	Ephemeroptera	Ephemerellidae	Penelomax septentrionalis
Penelomax septentrionalis voucher 6911200973 cytoc	HQ151179	81.94	99.54	7.8664e-52	Ephemeroptera	Ephemerellidae	Penelomax septentrionalis
Penelomax septentrionalis voucher 1310890193 cytoc	HQ151153	81.94	99.54	7.8664e-52	Ephemeroptera	Ephemerellidae	Penelomax septentrionalis
Eurylophella sp. AMI 1 voucher 820014514 cytochrom	HQ261118	81.94	99.54	7.8664e-52	Ephemeroptera	Ephemerellidae	Eurylophella sp. AMI 1
Hexagenia cf. rigida SLB-2003 voucher BIOUG<CAN>;A	AY165699	81.94	99.54	7.8664e-52	Ephemeroptera	Ephemeridae	Hexagenia cf. rigida SLB-2003
Hexagenia rigida isolate SLB43 cytochrome oxidase	AY326817	81.94	99.54	7.8664e-52	Ephemeroptera	Ephemeridae	Hexagenia rigida
Tipulidae sp. BOLD:AAC9088 voucher BIOUG17561-H07	KR513876	82.61	95.39	2.74564e-51	Diptera	Tipulidae	Tipulidae sp. BOLD:AAC9088
Tipula sp. BOLD:AAC9088 voucher BIOUG12436-B04 cyt	KR395333	82.61	95.39	2.74564e-51	Diptera	Tipulidae	Tipula sp. BOLD:AAC9088
Tipula sp. BOLD:AAC9088 voucher BIOUG12436-F04 cyt	KR388878	82.61	95.39	2.74564e-51	Diptera	Tipulidae	Tipula sp. BOLD:AAC9088
Ephemerellidae sp. OPU_BS_E2014-4 cytochrome oxida	KP970715	81.86	99.08	2.74564e-51	Ephemeroptera	Ephemerellidae	Ephemerellidae sp. OPU_BS_E2014-4
Ephemera orientalis voucher EPH01 cytochrome oxida	KF257124	82.08	97.7	2.74564e-51	Ephemeroptera	Ephemeridae	Ephemera orientalis
Copepoda sp. MGA.80439c cytochrome oxidase subunit	KF361328	82.08	97.7	2.74564e-51	Ephemeroptera	Ephemeridae	Copepoda sp. MGA.80439c
Rhithrogena sp. 8 LV-2010 voucher 545FRHSVU cytoch	HM481157	82.93	94.47	2.74564e-51	Ephemeroptera	Heptageniidae	Rhithrogena sp. 8 LV-2010
Rhithrogena sp. 8 LV-2010 voucher 304FRAHPI cytoch	HM481038	82.93	94.47	2.74564e-51	Ephemeroptera	Heptageniidae	Rhithrogena sp. 8 LV-2010
Ephemera sachalinensis isolate ES1 cytochrome oxid	HQ257229	82.08	97.7	2.74564e-51	Ephemeroptera	Ephemeridae	Ephemera sachalinensis
Ephemera orientalis mitochondrion, complete genome	EU591678	82.08	97.7	2.74564e-51	Ephemeroptera	Ephemeridae	Ephemera orientalis
Ameletidae sp. BOLD:AAE5588 voucher BIOUG09888-E05	KR148219	82.52	94.93	9.58324e-51	Ephemeroptera	Ameletidae	Ameletidae sp. BOLD:AAE5588
Ameletidae sp. BOLD:AAE5588 voucher BIOUG09888-F02	KR146763	82.52	94.93	9.58324e-51	Ephemeroptera	Ameletidae	Ameletidae sp. BOLD:AAE5588
Ameletidae sp. BOLD:AAE5588 voucher BIOUG09888-E06	KR146540	82.52	94.93	9.58324e-51	Ephemeroptera	Ameletidae	Ameletidae sp. BOLD:AAE5588
Ameletidae sp. BOLD:AAE5588 voucher BIOUG09888-E12	KR146451	82.52	94.93	9.58324e-51	Ephemeroptera	Ameletidae	Ameletidae sp. BOLD:AAE5588
Ameletidae sp. BOLD:AAE5588 voucher BIOUG09888-E09	KR146418	82.52	94.93	9.58324e-51	Ephemeroptera	Ameletidae	Ameletidae sp. BOLD:AAE5588
Ameletidae sp. BOLD:AAE5588 voucher BIOUG09888-G08	KR146237	82.52	94.93	9.58324e-51	Ephemeroptera	Ameletidae	Ameletidae sp. BOLD:AAE5588
Ameletidae sp. BOLD:AAE5588 voucher BIOUG09888-A11	KR146108	82.52	94.93	9.58324e-51	Ephemeroptera	Ameletidae	Ameletidae sp. BOLD:AAE5588
Ameletidae sp. BOLD:AAE5588 voucher BIOUG09888-A02	KR142913	82.52	94.93	9.58324e-51	Ephemeroptera	Ameletidae	Ameletidae sp. BOLD:AAE5588
Ameletidae sp. BOLD:AAE5588 voucher BIOUG09888-E08	KR142736	82.52	94.93	9.58324e-51	Ephemeroptera	Ameletidae	Ameletidae sp. BOLD:AAE5588
Ameletidae sp. BOLD:AAE5588 voucher BIOUG09888-E10	KR142571	82.52	94.93	9.58324e-51	Ephemeroptera	Ameletidae	Ameletidae sp. BOLD:AAE5588
Ameletidae sp. BOLD:AAE5588 voucher BIOUG09888-H02	KR142539	82.52	94.93	9.58324e-51	Ephemeroptera	Ameletidae	Ameletidae sp. BOLD:AAE5588
Ameletidae sp. BOLD:AAE5588 voucher BIOUG09888-F01	KR141364	82.52	94.93	9.58324e-51	Ephemeroptera	Ameletidae	Ameletidae sp. BOLD:AAE5588
Ameletidae sp. BOLD:AAE5588 voucher BIOUG09888-F05	KR140967	82.52	94.93	9.58324e-51	Ephemeroptera	Ameletidae	Ameletidae sp. BOLD:AAE5588
Ameletidae sp. BOLD:AAE5588 voucher BIOUG09888-G09	KR145829	82.52	94.93	9.58324e-51	Ephemeroptera	Ameletidae	Ameletidae sp. BOLD:AAE5588
Ameletidae sp. BOLD:AAE5588 voucher BIOUG09888-H10	KR145179	82.52	94.93	9.58324e-51	Ephemeroptera	Ameletidae	Ameletidae sp. BOLD:AAE5588
Siphonurus sp. BOLD:AAC8954 voucher BIOUG02692-E0	KR145116	82.84	94.01	9.58324e-51	Ephemeroptera	Siphonuridae	Siphonurus sp. BOLD:AAC8954
Procladius sp. BOLD:AAG5545 voucher BIOUG12657-G05	KP976727	81.48	99.54	9.58324e-51	Diptera	Chironomidae	Procladius sp. BOLD:AAG5545
Simulium panamense voucher BIOUG01379-H02 cytochro	KP252916	81.48	99.54	9.58324e-51	Diptera	Simuliidae	Simulium panamense
Simulium panamense voucher SIM-CANADA-80 cytochro	KP252898	81.48	99.54	9.58324e-51	Diptera	Simuliidae	Simulium panamense
Simulium panamense voucher LMHT-00012 cytochrome o	KP252720	81.48	99.54	9.58324e-51	Diptera	Simuliidae	Simulium panamense
Simulium panamense voucher BIOUG01379-C09 cytochro	KP252664	81.48	99.54	9.58324e-51	Diptera	Simuliidae	Simulium panamense