TableS1. Species used to construct the phylogenetic relationships along with GenBank accession numbers.

Class	Order	Family	Species	Length(bp)	GenBank No.	Reference
Entognatha	Poduromorpha	Onychiuridae	*Onychiurus orientalis*	12,984	NC_006074	[62]
		Poduridae	*Podura aquatica*	13,809	NC_006075	[62]
Insecta	Archaeognatha	Machilidae	*Allopsontus tibetensis*	15,437	PX715357	This study
			Allopsontus baii	15,532	KJ754500	[11]
			Allopsontus helanensis	15,538	KJ754501	[11]
			Allopsontus sp.	15,511	PX715362	This study
			Coreamachilis coreanus	15,578	MW752137	[15]
			Coreamachilis songi	15,570	MW752138	[15]
			Machilis hrabei	15,585	PV126557	[13]
			Songmachilis xinxiangensis	15,473	JX308221	[39]
			Trigoniophthalmus alternatus	16,197	EU016193	[40]
			Petrobiellus bannaensis	15,843	KJ754503	[11]
			Petrobiellus puerensis	14,022	KJ754504	[11]
			Pedetontinus luanchuanensis	14,106	KJ754502	[11]
			Pedetontus silvestrii	15,879	EU621793	[38]
			Pedetontus silvestrii CD	15,747	PV126558	[13]
			Pedetontus silvestrii DD	15,742	PV126559	[13]
			Pedetontus silvestrii FC	15,872	PV126560	[13]
			Pedetontus silvestrii GCL	15,705	PV126561	[13]
			Pedetontus silvestrii TH	15,770	PV126555	[13]
			Pedetontus silvestrii XY	15,749	PV126556	[13]
			Pedetontus sp.	15,827	PX715358	This study
			Pedetontus xanthospilus	15,707	PX715356	This study
			Pedetontus hezhouensis	15,751	PX715359	This study
			Pedetontus jinxiuensis	15,720	PX715361	This study
			Pedetontus nanningensis	15,789	PX715363	This study
			Pedetontus elegans	15,612	PX715355	This study
			Pedetontus shenzhenensis	15,814	PX715364	This study
			Pedetontus zhejiangensis	15,602	MT679724	[18]
			Petrobius brevistylis	15,698	AY956355	[63]
			Pedetontinus songi	15,631	PX391408	[20]
			Pedetontinus jinzhaiensis	14,625	PX391406	[20]
			Pedetontinus mengshanensis	15,654	PX391407	[20]
			Pedetontinus tianmuensis	15,626	PX391409	[20]
			Pedetontinus yongjiaensis	15,633	PX391410	[20]
			Pedetontus lanxiensis	15,622	PX391417	[20]
			Pedetontus hainanensis	15,784	PX391416	[20]
			Pedetontus formosanus	14,718	PX391415	[20]
			Pedetontus zhoui	15,601	PX391419	[20]
			Pedetontus bawanglingensis	15,808	PX391411	[20]
			Pedetontus dachendaoensis DCD	15,627	PX391414	[20]

		Pedetontus cixiensis	15,586	PX391412	[20]
		Pedetontus dachendaoensis TT	15,624	PX391413	[20]
		Pedetontus zhejiangensis TPS	15,610	PX391418	[20]
	Meinertellidae	*Machilontus medogensis*	15,625	PX715360	This study
		Nesomachilis australica	15,474	AY793551	[41]