

Additional File 2. Genbank accessible F-ORFs, H-ORF, and M-ORFs used in this study.

Species	Mitotype	Reference	Accession
<i>Alasmidonta marginata</i>	F	[13]	AEC14025
<i>Alasmidonta undulata</i>	F	[13]	AEC14028
<i>Anodonta anatina</i>	F	[54]	YP008802631
	M	[59]	AGS17944
<i>Anodonta cygnea</i>	H	This study	MF781083
<i>Cumberlandia monodonta</i>	F	[13]	AEC14034
	M	[11]	AOC83868
<i>Cyclonaias tuberculata</i>	H	[13]	AEC14036
<i>Echyridella menziesii</i>	F	[13]	AEC14042
	M	[11]	AOC83866
<i>Ellipsaria lineolata</i>	F	[13]	AEC14037
<i>Fusconaia flava</i>	F	[13]	AEC14041
<i>Lampsilis powellii</i>	F	Unpublished; Robicheau et al.	MF326971
	M	Unpublished; Robicheau et al.	MF326972
<i>Lampsilis siliquoidea</i>	F	Unpublished; Robicheau et al.	MF326973
	M	Unpublished; Robicheau et al.	MF326974
<i>Lasmigona complanata</i>	F	[13]	AEC14052
<i>Lasmigona compressa</i>	H	[13]	HM856638
<i>Lasmigona costata</i>	F	[13]	AEC14056
<i>Lasmigona subviridis</i>	H	[13]	HM856640
<i>Lemiox rimosus</i>	F	[13]	AEC14057
<i>Margaritifera falcata</i>	H	[13]	AEC14216
<i>Margaritifera margaritifera</i>	F	[13]	AEC14059
<i>Margaritifera marrianae</i>	F	[13]	AEC14061
<i>Megaloniais nervosa</i>	F	[13]	AEC14063
<i>Potamilus alatus</i>	M	[60]	AQQ08223
<i>Potamilus metnecktayi</i>	F	[13]	AEC14065
<i>Pyganodon grandis</i>	F	[13]	AEC14088
<i>Pyganodon lacustris</i>	F	[13]	AEC14098
<i>Quadrula houstonensis</i>	F	[13]	AEC14100
<i>Reginaia ebena</i>	F	[13]	AEC14038
<i>Sinoanodonta woodiana</i>	F	[62]	ADP23839
<i>Solenaia carinata</i>	M	[61]	AGX27820
<i>Strophitus undulatus</i>	F	[13]	AEC14109
<i>Toxolasma glans</i>	F	[13]	AEC14115
<i>Toxolasma lividus</i>	F	[13]	AEC14116
<i>Toxolasma parvum</i>	H	[11]	AOC83870
<i>Toxolasma paulus</i>	F	[13]	AEC14123
<i>Toxolasma texasiensis</i>	F	[13]	AEC14136
<i>Truncilla macrodon</i>	F	[13]	AEC14137
<i>Unio delphinus</i>	F	[79]	AMX22403
	M	[79]	AMX22424
<i>Unio tumidus</i>	F	[80]	AQM37870
	M	[80]	AQM37820
<i>Utterbackia imbecillis</i>	H	[13]	AEC14273
<i>Utterbackia peggyae</i>	F	[13]	AEC14165
<i>Utterbackia peninsularis</i>	F	[13]	ADL62609
	M	[13]	ADL62595
<i>Venustaconcha ellipsiformis</i>	F	[13]	AEC14189
<i>Villosa iris</i>	F	[13]	AEC14192