

TABLE S1 | Accession numbers of sequences from GenBank are used in phylogenetic analyses. Institution abbreviations follow Sabaj (2025).

Species	COI	Voucher	CYTB	Voucher
<i>Pimelodus maculatus</i>	NC032695		NC032695	
<i>Conorhynchos conirostris</i>	MH448604			
<i>Rhamdiopsis microcephala</i>	GU701537	LBP 6212		
<i>Rhamdioglanis frenatus</i>	FBCRB225-09	LBP 8176		
<i>Rhamdella zelimai</i>	KF273107	UFRGS 17568		
<i>Rhamdella cainguae</i>	MN784915	LGEP 46		
<i>Goeldiella eques</i>	KT952434	CIAP 80144		
<i>Acentronichthys leptos</i>	FBCRB224-09	LBP 7910	MW877546	UFRGS TEC8330
<i>Brachyglanis frenata</i>	MW830065	UFRGS T15600	MW877504	UFRGS T15600
<i>Brachyglanis microphthalmus</i>	MW830067	UFRGS T11497	MW877505	UFRGS T11380
<i>Cetopsorhamdia boquillae</i>	CIUA1479-24	CIUA 7908		
<i>Cetopsorhamdia iheringi</i>		FML 147		FML 147
<i>Cetopsorhamdia insidiosa</i>	MW830078	UFRGS T24800	MW877548	UFRGS T24800
<i>Cetopsorhamdia nasus</i>	MW830081	UFRGS T24601	MW877549	UFRGS T24601
<i>Chasmocranus longior</i>	MW830082	AUF 3167	MW877550	AUF 3167
<i>Heptapterus mustelinus</i>	MK217405	UFRGS T23652	MW877524	UFRGS 12722
<i>Imparfinis guttatus</i>	MW830086	UFRGS T10382	MW877526	UFRGS T10382
<i>Imparfinis hasemani</i>	MW830088	UFRGS T18325	MW877528	UFRGS T18325
<i>Imparfinis lepturus</i>	OQ207177	LBP 32018		
<i>Imparfinis minutus</i>	FPSR280-09	LBP 40193		
<i>Imparfinis mirini</i>	OQ207191	LBP 32005		
<i>Imparfinis mishky</i>	OP345939	AR 11115		
<i>Imparfinis pijpersi</i>	MW830089	UFRGS T22565	MW877551	UFRGS T22565
<i>Imparfinis piperatus</i>	OQ207181	LBP 7205		
<i>Imparfinis schubarti</i>	OQ207175	LBP 32932		
<i>Imparfinis timana</i>	MW830090	UFRGS T25012	MW877552	UFRGS T25012
<i>Imparfinis usmai</i>	PQ233802	CIUA 7943		
<i>Leptorhamdia marmorata</i>	MW830095	AUF T3174	MW877531	AUF T3174
<i>Leptorhamdia nocturna</i>	MW830098	UFRGS T09452	MW877509	UFRGS T09452
<i>Mastiglanis durantoni</i>	MW070554	ANSP 189106		
<i>Mastiglanis yaguas</i>	MW070550	ANSP 182750		
<i>Myoglanis potaroensis</i>	MW830107	UFRGS T15593	MW877556	UFRGS T15593
<i>Nemuroglanis pauciradiatus</i>	MW830108	AUF 3184	MW877540	AUF 3184
<i>Pariolius armillatus</i>	PP057711	MUSM T2769		
<i>Pariolius maldonadoi</i>	PP057715	MUSM T2517		
<i>Pariolius pax</i>	PP057714	MUSM T2519		
<i>Phenacorhamdia bermejo</i>	PX978871	CI-FML 8285	PX989894	CI-FML 8285
<i>Phenacorhamdia boliviana</i>	MW830109	UFRGS T10136	MW877542	UFRGS T10136
<i>Phenacorhamdia tenebrosa</i>	GU701576	LBP 7259		



TABLE S1 | (Continued)

Species	COI	Voucher	CYTB	Voucher
<i>Phenacorhamdia tenebrosa</i>	GU701577	LBP 7259		
<i>Phenacorhamdia tenebrosa</i>	GU701578	LBP 6771		
<i>Phenacorhamdia tenebrosa</i>	GU701887	LBP 6771		
<i>Phenacorhamdia tenebrosa</i>	GU701889	LBP 6771		
<i>Phenacorhamdia tenebrosa</i>	MN879917	LIC 1945		
<i>Phenacorhamdia tenebrosa</i>	MN879918	LIC 223		
<i>Phenacorhamdia tenebrosa</i>	PX412720		PX425756	
<i>Phenacorhamdia unifasciata</i>	MK464067	CIUnB 927		
<i>Phenacorhamdia unifasciata</i>	MK464076	CIUnB 953		
<i>Phenacorhamdia unifasciata</i>	MK464077	CIUnB 953		
<i>Phenacorhamdia unifasciata</i>	MK464081	CIUnB 962		
<i>Pimelodella chagresi</i>	MG937106	STRI 3556	AY036751	STRI 3558
<i>Pimelodella modesta</i>	MW830110	UFRGS T13894	MW877541	UFRGS T13894
<i>Rhamdia laticauda</i>	MT469161	LBP 19584	MT469341	LBP 19584
<i>Rhamdia quelen</i>	MT469058	LBP 20154	MT469243	LBP 20154
<i>Taunayia bifasciata</i>	GU702219	LBP 8164		

REFERENCE

- **Sabaj MH.** Codes for Natural History Collections in Ichthyology and Herpetology (online supplement). Version 9.7. American Society of Ichthyologists and Herpetologists, Washington, DC. 2025. Available from: <https://www.asih.org/resources/standard-symbolic-codes>

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