

S16 Table. Accession numbers for the genome assemblies used in this study.

Species	Common name	Accession number
<i>Liparis tanakae</i>	Tanaka's snailfish	GCA_006348945.1
<i>Astyanax mexicanus</i>	Mexican tetra	GCA_000372685.2
<i>Cyprinus carpio</i>	Common carp	GCA_000951615.2
<i>Danio rerio</i>	zebrafish	GCA_000002035.4
<i>Electrophorus electricus</i>	Electric Eel	GCA_013358815.1
<i>Gadus morhua</i>	Atlantic cod	GCA_902167405.1
<i>Gasterosteus aculeatus</i>	Stickleback	GCA_006229165.1
<i>Homo sapiens</i>	Human	GCA_000001405.28
<i>Ictalurus punctatus</i>	Channel catfish	GCA_001660625.1
<i>Lepisosteus oculatus</i>	Spotted gar	GCA_000242695.1
<i>Nothobranchius furzeri</i>	Turquoise killifish	GCA_001465895.2
<i>Oreochromis niloticus</i>	Nile tilapia	GCA_001858045.3
<i>Oryzias melastigma</i>	Marine medaka	GCA_002922805.2
<i>Salmo salar</i>	Atlantic Salmon	GCA_000233375.4
<i>Takifugu rubripes</i>	Fugu	GCA_901000725.2
<i>Tetraodon nigroviridis</i>	Spotted pufferfish	GCA_000180735.1
<i>Xiphophorus maculatus</i>	Platyfish	GCA_002775205.2
<i>Larimichthys crocea</i>	Large yellow croaker	GCA_000972845.2
<i>Stegastes partitus</i>	Bicolor damselfish	GCA_000690725.1
<i>Pseudoliparis swirei</i>	Mariana hadal snailfish	PRJNA472845