

Supplementary Material to “Complete mitochondrial genomes of three *Cichla* species: Annotation, Diversity, and Phylogenetic Insights”

Table S2 - Mitochondrial genomes of Neotropical cichlid species obtained from NCBI and used in evolutionary analyses, including sequence ID, GC content percentage, species name, and sequence length. *Indicates the mitochondrial genomes assembled in this study, while **denotes the outgroup.

ID	% GC	Description	Sequence Length
NC_033544.1	46.4%	<i>Aequidens metae</i>	16541
KY315559.1	45.8%	<i>Amphilophus amarillo</i>	16521
KJ081546.1	45.8%	<i>Amphilophus citrinellus</i>	16522
NC_033547.1	43.1%	<i>Andinoacara pulcher</i>	16513
NC_025671.1	43.1%	<i>Andinoacara rivulatus</i>	16585
NC_009058.1	45.0%	<i>Astronotus ocellatus</i>	16569
NC_033543.1	41.1%	<i>Bujurquina mariae</i>	16540
NC_033542.1	41.5%	<i>Chaetobranchopsis bitaeniatus</i>	16610
NC_084243.1	45.6%	<i>Cichla monoculus</i> *	16526
NC_030272.1	45.6%	<i>Cichla ocellaris</i>	16526
NC_084242.1	45.6%	<i>Cichla piquiti</i> *	16536
NC_084244.1	45.9%	<i>Cichla temensis</i> *	16530
NC_033551.1	45.5%	<i>Cichlasoma dimerus</i>	16617
NC_033552.1	47.0%	<i>Cryptoheros cutteri</i>	16528
NC_031181.1	45.8%	<i>Geophagus brasiliensis</i>	16559

ID	% GC	Description	Sequence Length
NC_033545.1	46.1%	<i>Geophagus steindachneri</i>	16594
NC_033546.1	46.5%	<i>Herichthys cyanoguttatus</i>	16540
NC_011168.1	46.1%	<i>Hypselecara temporalis</i>	16544
NC_031440.1	45.7%	<i>Krobia guianensis</i>	16539
NC_031439.1	44.6%	<i>Mikrogeophagus ramirezi</i>	16526
NC_031183.1	46.6%	<i>Nannacara anomala</i>	16502
MT437356.1	46.6%	<i>Oreochromis niloticus**</i>	16631
NC_026918.1	46.4%	<i>Parachromis managuensis</i>	16526
NC_023526.1	47.5%	<i>Paraneetroplus synspilus</i>	16543
NC_024835.1	46.8%	<i>Petenia splendida</i>	16518
NC_028723.1	45.8%	<i>Pterophyllum altum</i>	16495
NC_026535.1	45.8%	<i>Pterophyllum scalare</i>	16491
NC_033549.1	47.2%	<i>Retroculus lapidifer</i>	16537
NC_033548.1	45.6%	<i>Rocio octofasciata</i>	16539
NC_028182.1	45.1%	<i>Symphysodon aequifasciata</i>	16545
NC_026689.1	45.1%	<i>Symphysodon discus</i>	16544
NC_027965.1	45.1%	<i>Symphysodon haraldi</i>	16543
NC_031182.1	47.9%	<i>Thorichthys aureus</i>	16530
MZ427899.1	46.8%	<i>Thorichthys meeki</i>	16527
NC_033550.1	45.5%	<i>Uaru amphiacanthoides</i>	16549