

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

Table S4 - Description of the mitochondrial protein-coding genes (PCG) for the genus *Cichla*. For each gene, the size in base pairs, the start codon and the stop codon are provided.

Specie	Gene name	Size	Start codon	Stop codon
<i>C. monoculus</i>	NADH dehydrogenase subunit 1	975	ATG	TAA
<i>C. monoculus</i>	NADH dehydrogenase subunit 2	1045	ATG	T
<i>C. monoculus</i>	cytochrome c oxidase subunit I	1563	GTG	TAA
<i>C. monoculus</i>	cytochrome c oxidase subunit II	691	ATG	T
<i>C. monoculus</i>	ATP synthase subunit 8	168	ATG	TAA
<i>C. monoculus</i>	ATP synthase subunit 6	684	ATG	TAA
<i>C. monoculus</i>	cytochrome c oxidase subunit III	785	ATG	TA
<i>C. monoculus</i>	NADH dehydrogenase subunit 3	349	ATG	T
<i>C. monoculus</i>	NADH dehydrogenase subunit 4L	297	ATG	TAA
<i>C. monoculus</i>	NADH dehydrogenase subunit 4	1378	ATG	T
<i>C. monoculus</i>	NADH dehydrogenase subunit 5	1839	ATG	TAA
<i>C. monoculus</i>	NADH dehydrogenase subunit 6	522	ATG	TAG

Specie	Gene name	Size	Start codon	Stop codon
<i>C. monoculus</i>	cytochrome b	1137	ATG	TAA
<i>C. temensis</i>	NADH dehydrogenase subunit 1	975	ATG	TAA
<i>C. temensis</i>	NADH dehydrogenase subunit 2	1045	ATG	T
<i>C. temensis</i>	cytochrome c oxidase subunit I	1563	GTG	TAA
<i>C. temensis</i>	cytochrome c oxidase subunit II	691	ATG	T
<i>C. temensis</i>	ATP synthase subunit 8	168	ATG	TAA
<i>C. temensis</i>	ATP synthase subunit 6	684	ATG	TAA
<i>C. temensis</i>	cytochrome c oxidase subunit III	785	ATG	TA
<i>C. temensis</i>	NADH dehydrogenase subunit 3	349	ATG	T
<i>C. temensis</i>	NADH dehydrogenase subunit 4L	297	ATG	TAA
<i>C. temensis</i>	NADH dehydrogenase subunit 4	1378	ATG	T
<i>C. temensis</i>	NADH dehydrogenase subunit 5	1839	ATG	TAA
<i>C. temensis</i>	NADH dehydrogenase subunit 6	522	ATG	TAG
<i>C. temensis</i>	cytochrome b	1141	ATG	T
<i>C. piquiti</i>	NADH dehydrogenase subunit 1	975	ATG	TAA
<i>C. piquiti</i>	NADH dehydrogenase subunit 2	1045	ATG	T
<i>C. piquiti</i>	cytochrome c oxidase subunit I	1554	GTG	TAG
<i>C. piquiti</i>	cytochrome c oxidase subunit II	691	ATG	T
<i>C. piquiti</i>	ATP synthase subunit 8	168	ATG	TAA
<i>C. piquiti</i>	ATP synthase subunit 6	684	ATG	TAA

Specie	Gene name	Size	Start codon	Stop codon
<i>C. piquiti</i>	cytochrome c oxidase subunit III	785	ATG	T
<i>C. piquiti</i>	NADH dehydrogenase subunit 3	349	ATG	T
<i>C. piquiti</i>	NADH dehydrogenase subunit 4L	297	ATG	TAA
<i>C. piquiti</i>	NADH dehydrogenase subunit 4	1378	ATG	T
<i>C. piquiti</i>	NADH dehydrogenase subunit 5	1839	ATG	TAA
<i>C. piquiti</i>	NADH dehydrogenase subunit 6	522	ATG	TAA
<i>C. piquiti</i>	cytochrome b	1141	ATG	T
<i>C. ocellaris</i>	NADH dehydrogenase subunit 1	975	ATG	TAA
<i>C. ocellaris</i>	NADH dehydrogenase subunit 2	1045	ATG	T
<i>C. ocellaris</i>	cytochrome c oxidase subunit I	1563	GTG	TAA
<i>C. ocellaris</i>	cytochrome c oxidase subunit II	691	ATG	T
<i>C. ocellaris</i>	ATP synthase subunit 8	168	ATG	TAA
<i>C. ocellaris</i>	ATP synthase subunit 6	684	ATG	TAA
<i>C. ocellaris</i>	cytochrome c oxidase subunit III	784	ATG	T
<i>C. ocellaris</i>	NADH dehydrogenase subunit 3	349	ATG	T
<i>C. ocellaris</i>	NADH dehydrogenase subunit 4L	297	ATG	TAA
<i>C. ocellaris</i>	NADH dehydrogenase subunit 4	1378	ATG	T
<i>C. ocellaris</i>	NADH dehydrogenase subunit 5	1839	ATG	TAA
<i>C. ocellaris</i>	NADH dehydrogenase subunit 6	522	ATG	TAG
<i>C. ocellaris</i>	cytochrome b	1137	ATG	TAA