

Molecular, Evolutionary and Functional Characterization of Three GnRH isoforms in Small Yellow Croaker *Larimichthys polyactis* Maintained in Captivity

Supplementary Table S2. Sequence information of GnRHs used for motif analysis of three GnRH isoforms.

GnRH Isoform	Common Name	Scientific Name	GenBank Accession No.	
			Nucleotide	Protein
GnRH1	Small yellow croaker	<i>Larimichthys polyactis</i>	OK042349.1	UFT26658.1
	Large yellow croaker	<i>Larimichthys crocea</i>	NM_001303356.1	NP_001290285.1
	Atlantic croaker	<i>Micropogonias undulatus</i>	AY324668.2	AAQ16501.2
	Red seabream	<i>Pagrus major</i>	D86582.1	BAA13129.1
	Chub mackerel	<i>Scomber japonicus</i>	HQ108193.1	ADP89591.1
	African cichlid	<i>Haplochromis burtoni</i>	AF076961.4	AAC27716.1
	Tilapia	<i>Oreochromis niloticus</i>	AB101665.1	BAC56849.1
GnRH2	Small yellow croaker	<i>Larimichthys polyactis</i>	OK042350.1	UFT26659.1
	Large yellow croaker	<i>Larimichthys crocea</i>	KM232949.1	AIU45792.1
	Atlantic croaker	<i>Micropogonias undulatus</i>	AY324669.2	AAQ16502.2
	Chub mackerel	<i>Scomber japonicus</i>	HQ108194.1	ADP89592.1
	African cichlid	<i>Haplochromis burtoni</i>	AF076962.1	AAC27717.1
	Tilapia	<i>Oreochromis niloticus</i>	AB101666.1	BAC56850.1
GnRH3	Small yellow croaker	<i>Larimichthys polyactis</i>	OK042351.1	UFT26660.1
	Large yellow croaker	<i>Larimichthys crocea</i>	KP159744.1	AJY54663.1
	Atlantic croaker	<i>Micropogonias undulatus</i>	AY324670.2	AAQ16503.2
	Red seabream	<i>Pagrus major</i>	D26108.1	BAA05104.1
	Chub mackerel	<i>Scomber japonicus</i>	HQ108195.1	ADP89593.1
	African cichlid	<i>Haplochromis burtoni</i>	AF076963.1	AAC27718.1
	Tilapia	<i>Oreochromis niloticus</i>	AB104863.2	BAC65156.1