

Table S1. GenBank accession numbers of amino acid sequences used in multiple sequence alignment and phylogenetic analysis.

Species	Member of MCRs	GenBank accession number
<i>Danio rerio</i>	Mc1r	AAI62836.1
	Mc2r	AAO24743.1
	Mc3r	AAI62747.1
	Mc4r	AAL85494.1
	Mc5ra	AAI62797.1
	Mc5rb	AAI63224.1
<i>Carassius auratus</i>	Mc1r	BAJ83471.1
	Mc2r	BAJ83472.1
	Mc3r	BAJ83473.1
	Mc4r	XP_026063043.1
<i>Cyprinus carpio</i>	Mc1r	AGC50885.1
	Mc2r	CAE53845.1
	Mc3r	XP_018922723.1
<i>Xenopus tropicalis</i>	Mc3r	XP_002935436.1
	Mc5r	AAI35996.1
<i>Rana temporaria</i>	Mc3r	XP_040186095.1
	Mc5r	XP_040209847.1
<i>Chelonia mydas</i>	MC3R	XP_007059824.1
<i>Mus musculus</i>	MC3R	NP_032587.1
<i>Alligator sinensis</i>	MC3R	XP_006018246.1
<i>Cyanistes caeruleus</i>	MC3R	XP_023795718.1
<i>Gallus gallus</i>	MC3R	BAA32555.1
<i>Taricha granulosa</i>	Mc3r	AAX18229.1
<i>Pongo abelii</i>	MC3R	PNJ37794.1
<i>Cricetulus griseus</i>	MC3R	XP_003501490.1
<i>Mus Pahari</i>	MC3R	XP_021049931.1
<i>Sus scrofa</i>	MC3R	NP_001116609.1
<i>Homo sapiens</i>	MC3R	AAH69105.1
<i>Cyprinodon variegatus</i>	Mc4r	XP_015237674.1
<i>Bufo bufo</i>	Mc5r	XP_040288553.1
<i>Oncorhynchus tshawytscha</i>	Mc3r	XP_024229914.1
<i>Onychostoma macrolepis</i>	Mc3r	MW884251