Article title: Molecular characterization of CART, AgRP, and MC4R genes and their expression with fasting and re-feeding in common carp (Cyprinus carpio)

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Author names: Yumei Wan, Yan Zhang, Peifeng Ji, Yan Li, Peng Xu, Xiaowen Sun

Corresponding author:
Peng Xu
E-mail: xupeng@cafs.ac.cn
The Centre for Applied Aquatic Genomics, Chinese Academy of Fishery Sciences, Beijing, 100141, China

Xiaowen Sun
E-mail: sunxw2002@163.com
The Centre for Applied Aquatic Genomics, Chinese Academy of Fishery Sciences, Beijing, 100141, China
Fig. 6 Phylogenetic analysis of MC4R amino acid sequences. Numbers at branch nodes represent the confidence level of 10,000 bootstrap replications. MC3R and MC5R genes served as outgroup in phylogenetic analysis of MC4R. Accession numbers: MC4R: human (*Homo sapiens*), NP_005903; chimpanzee (*Pan troglodytes*), ACO90016; cattle (*Bos taurus*), NP_776535; sheep (*Ovis aries*), NP_001119842; pig (*Sus scrofa*) NP_999338; dog (*Canis lupus familiaris*), NP_001074193; mouse (*Mus musculus*), NP_058673; Chicken (*Gallus gallus*), NP_001026685. Takifugu (*Takifugu rubripes*), AAO65551; zebrafish (*Danio rerio*), AAO24745; Goldfish (*Carassius auratus*), CAD58853; green pufferfish (*Tetraodon nigroviridis*), AAQ55178; European see bass (*Dicentrarchus labrax*), CAR92573; rainbow trout (*Oncorhynchus mykiss*), AAS45132; common carp (*Cyprinus carpio*), FR726955. MC3R: human (*Homo sapiens*) NP_063941; chimpanzee (*Pan troglodytes*), XP_525362; pig (*Sus scrofa*), ACI04519; dog (*Canis lupus familiaris*), NP_001128596; mouse (*Mus musculus*), NP_032587; zebrafish (*Danio rerio*), AA162747. MC5R: human (*Homo sapiens*), NP_005904; cattle (*Bos taurus*), DAA15790; Takifugu (*Takifugu rubripes*), AAO65553; green pufferfish (*Tetraodon nigroviridis*), AAQ55179; common carp (*Cyprinus carpio*), CAH04351.