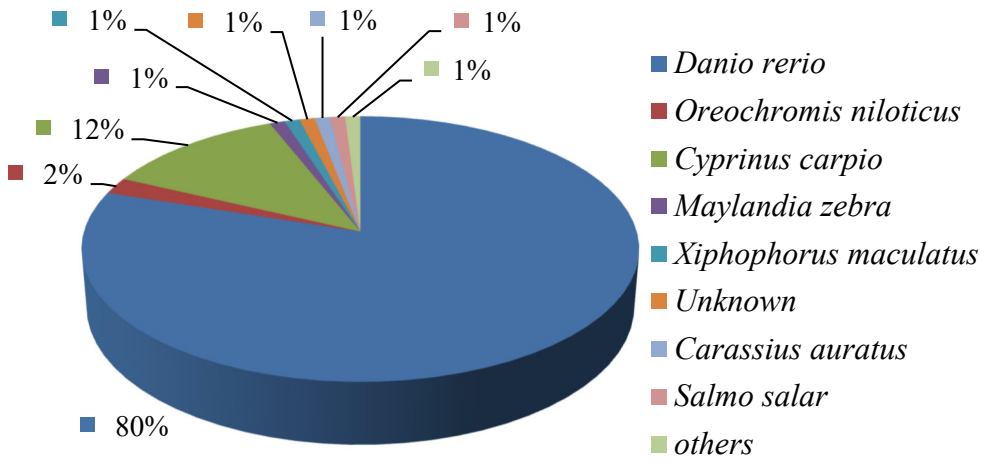
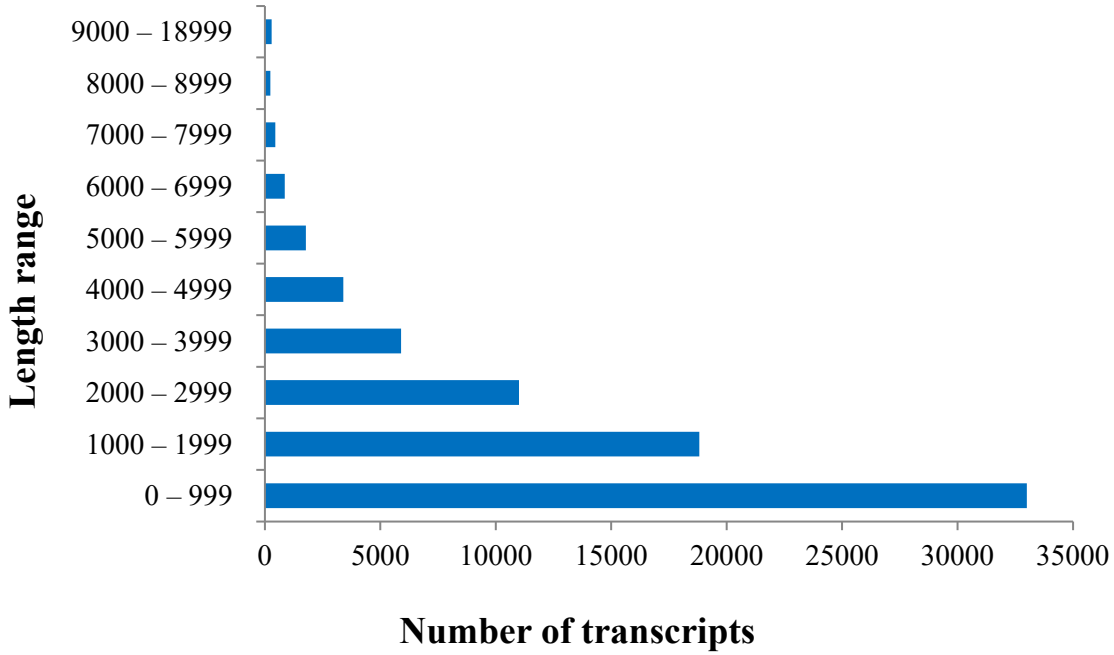
Supplementary Material

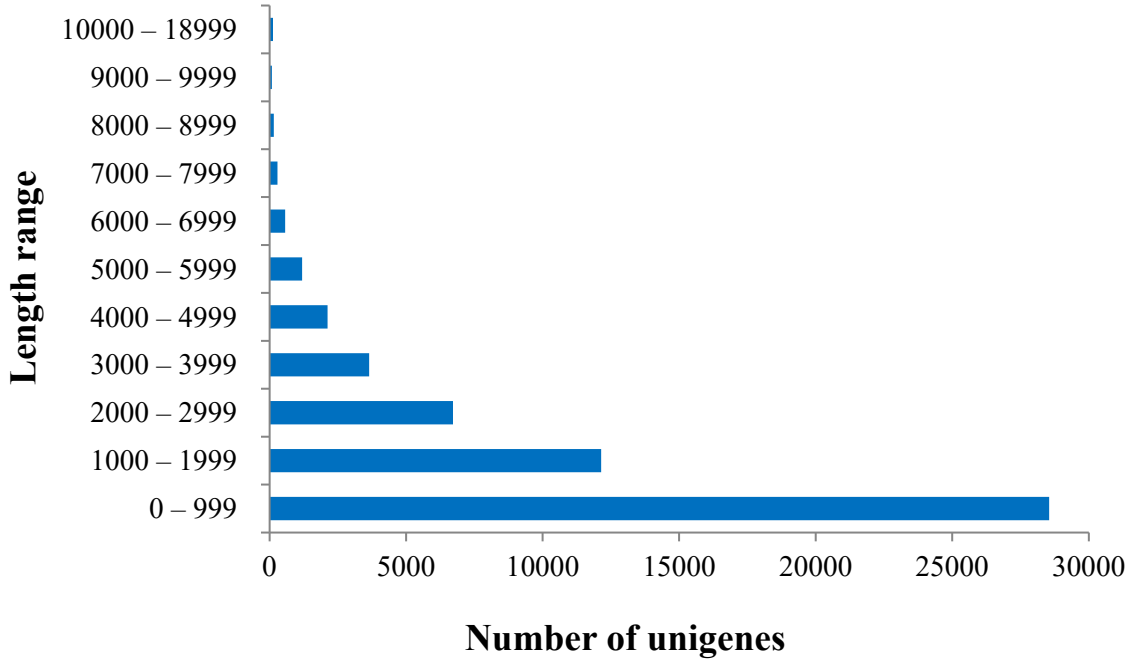
Supplementary Figures



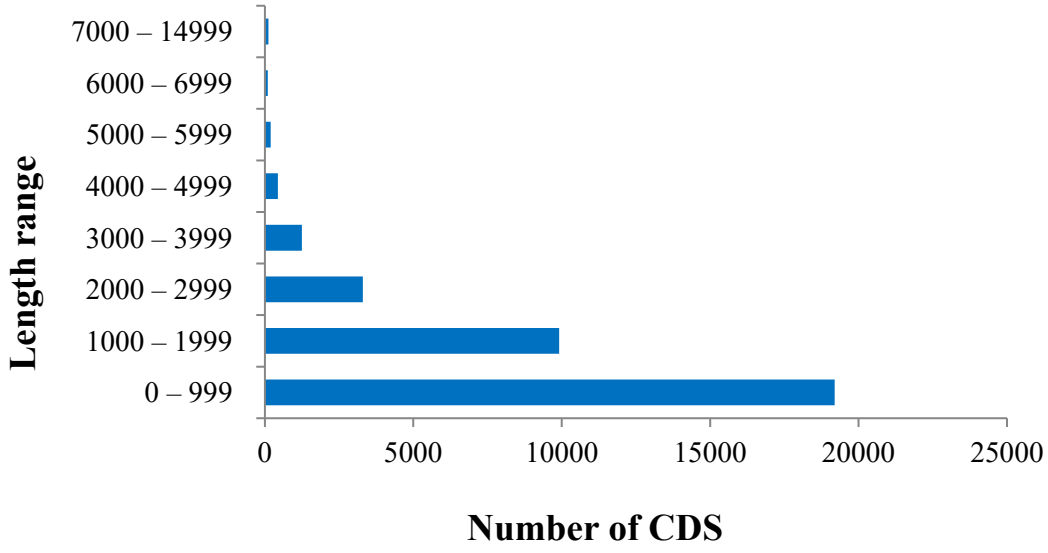
Supplementary Figure S1. BLAST search for RNA sequences obtained from the transcription study of golden mahseer to other species showing the most closely-related top hit fish species distribution.



Supplementary Figure S2. Distribution of transcript contig length assembled from brain of golden masheer transcriptome sequencing.



Supplementary Figure S3. Distribution of number of unigenes assembled from brain of golden masheer transcriptome sequencing.



Supplementary Figure S4. Distribution of number of cDNA (CDS) based on the length assembled from brain of golden masheer transcriptome sequencing.

Supplementary table

Supplementary table S1. Number of genes and type of gene activitiy involved in both male and female golden masheer shown in this study.

Number of genes/ Type of activity involved	Male	Female
Reproductive event	210	200
Hormonal activity	28	67
Receptor binding activity	19	38
Embryonic development	82	99
Gonad, Sex determination/ differentiation	61	49