

Table S5. Real time PCR primer sequences for genes and miRNAs. Primers used for qPCR amplification of the *marcksb*, *mycn*, *mmp14b*, *fbxo25*, *tgfbr2*, *ipu-miR-29b* and *dre-miR-338-5p*. Primers were also designed for the reference genes *ppia*, *rpl13* and *U6 snRNA*.

Gene	Primers (5' to 3')
<i>marcksb</i>	F: CTCTTTCACCTCCCCAACAA R: GTTGCGGATTGTGTGTTTTG
<i>mycn</i>	F: CTGTTGTGCTGGGACTGAGA R: CAAACTCTTATGGCGGTGGT
<i>mmp14b</i>	F: AAGAACCCTCCCTCACCATC R: CTCCGACTTTGCAGACATCA
<i>tgfbr2</i>	F: AGCTGCTGGGTATCTCTGGA R: TCTATGGCTCTGGTGCTGTG
<i>fbxo25</i>	F: CGTAGGTGAAGTAGCCGCCA R: GGAGAAGTCCAGCCTGTTGA
<i>ppia</i>	F: ATTGTGGTTCGTGAAGTCGC R: CCGCTGGGCAGAGTGATTAT
<i>rpl13</i>	F: ATCAACAGGAAAGTAGCCC R: AGGATGAGTTTGGAGCGGTA
miRBase ID	Mature sequence (5' to 3')
<i>ipu-miR-29b</i>	GCUGAAUUCAGAUUGGUGCCAUAGA
<i>dre-miR-338-5p</i>	AACAAUAUCCUGGUGCUGCCUGAGU
<i>U6 snRNA</i>	GTGCTCGCTTCGGCAGCACATATACTAAAATTG GAACGATACAGAGAAGATTAGCATGGCCCCTG CGCAAGGATGACACGCAAATTCGTGAAGCGTT CCATATTTT

ipu, *Ictalurus punctatus*; *dre*, *Danio rerio*; F, forward; R, reverse.