

**Supplementary Table S2:**

<b>Table S2: List of primers</b>	
<b>Whole mount RNA in situ hybridization primers</b>	
Baf250a FWD1	CCAGTCCAATGGATCAGATG
Baf250a REV1	AGAGTGGTCCTGAGCGAGAC
<b>ChIP QPCR primers</b>	
MyE8 FW (E) (-30kb)	GCAAGTTCAAATAACATTCCAGAAG
MyE8 REV (E) (-30kb)	CAATCTTGGTGGGAAATCTTTAGG
cMyocCF (P)	ACAGGGTCCCACGTGCATCATTA
cMyocCR (P)	GGCCTCCACCTGTCATTGTCATTC
cGATA4DF	CAGGGGAGCTTGAGCCGACTAC
cGATA4DR	TGCACTGCTGAATACTACCCACATACA
Gata4F (A) (-264 to -187)	GGAGCAACCGCAAATCCA
Gata4R (A) (-264 to -187)	CAGCATCAAAGCAGAAACCTCTAG
My13F (B) (-1264 to -1164)	CCAGCCCCTACTATGGTGTATAGC
My13R (B) (-1264 to -1164)	TGGAGCAACTCTTCTGCACAA
cTnTF1 (B) (-1181 to -1047)	GGGCTGGACGAATCTGGTTT
cTnTR1 (B) (-1181 to -1047)	CCCTTGACGCTTCCAGACA
cTnTF2 (A) (-436 to -335)	GAGGTTGACTTCTGCCCTCAAC
cTnTR2 (A) (-436 to -335)	TAAACCAGCTGTCCCTCTTGAGA