Supplemental Table 1: Primer Sequences

Cloning Primers	
Mkx HD and	5'-CGGCGGTACCGGTGGGAAGGTAAGGCATAAGCGACAGGC-3'
CD-A	5'-CGGCTCTAGA*ITA*GCTGCTCACACTCAGCCGTTC-3'
Mkx locus	5'-TATCGCTCGAGTGGG CCACAAATAGTCAAACACTTC-3"
(-3576 to	5'-GATACAAGCTTGCGGAATCGGCAGCCA-3"
+127)	
Mkx	5'-TATCGAGGCCTATGAACACCATCGTCTTCAACA-3'
(aa 1 – 204)	5'-GATACCTCGAGTCTGCCGCCAGCTTTTATC-3'
VP16 domain	5'-TATCGCTCGAGACGGCCCCCCCGACCGAT-3'
	5'-GATACTCTAGACTACCCACCGTACTC GTCAATTCCAAG-3'

Genotyping Primers	
Common upstream	5'-GAGTTCACAG AACCTAG-3'
Wt downstream	5'-TGCTTGTAAAGCCACTG-3'
Mutant downstream	5'-CTTCTTGACGAGTTCTTCTGAGG-3'
PCR products	wild type allele – 680 bp mutant allele – 371 bp

EMSA Primers	
MRE	5' - CTTCTCATGTTTCCCGACTGTCCGGCCCAGCCTACGAACATCCCGCG - 3'
Mutant MRE	5' - CTTCTCAcacTTCCCGACTGTCCGGCCCAGCCTACGAgtgTCCCGCG - 3'
Sox6 MBS	5' - TCGAGCATGTTCGGCATCTGATGGAAACATGCCGAG - 3'
Sox6 IBS	5' - GGCTACAACATGTGTTTTCTCG - 3'

Realtime Primers	
Sox6 Forward	5' - CATCAAGCGACCAATGAATG - 3'
Sox6 Reverse	5' - TCCTGGTTGGACATGGATTT - 3'
Myh1 Forward	5' - ACAGCAGCGGCTGATCAAT - 3'
Myh1 Reverse	5' - CCTGGAGAGCTGGGAAACTA - 3'
Myh2 Forward	5' - CCAAGAAAGGTGCCAAGAAG - 3'
Myh2 Reverse	5' - ACCTCACGAAATGAGGATGG - 3'
Myh7 Forward	5' - GGACCTTGGAAGACCAGATG - 3'
Myh7 Reverse	5' - GACAGCTCCCCATTCTCTGT - 3'