

SUPPLEMENTARY TABLE

Knockout of zebrafish desmin genes does not cause skeletal muscle degeneration but alters calcium flux

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Table S1. List of primer sequences used in for synthesis of ISH probes, genotyping and qPCR experiments.

	Forward primer sequence	Reverse primer sequence
<i>desma</i> antisense probe	5'-TACATCGAGAAGGTGCGCTT-3'	5'-GGATCCATTAACCCTCACTAAAGGGAATTGTCTCCATGCGTCATCCA-3'
<i>desmb</i> antisense probe	5'-AATGACCGCTTCGCCAACTA-3'	5'-GGATCCATTAACCCTCACTAAAGGGAACCTCTCCATCACGTGTC TCG-3'
<i>desma</i> sense probe	5'-TAATACGACTCACTATAGGGA GATACATCGAGAAGGTGCGCTT-3'	5'-TTGTCTCCATGCGTCATCCA-3'
<i>desmb</i> sense probe	5'-TAATACGACTCACTATAGGGAG AAATGACCGCTTCGCCAACTA-3'	5'-CCTCTCCATCACGTGTCTCG-3'
<i>desma</i> genotyping primers	5'-CGCACGGTGGCTGGAAAA-3'	5'-CACGGTTCCTCAGGTTCTC-3'
<i>desmb</i> genotyping primers	5'-GTCATCCACTTCTTCTCCTGG-3'	5'-GTGCGAGTGTGGAGAAACTC3'
<i>desma</i> qPCR primers	5'-GCTGCCAAGAATATCAGCGA-3'	5'-TGCCTCCTCAGAGACTCATT-3'
<i>desmb</i> qPCR primers	5'-ATGCAAGAGACCCAAGTCCA-3'	5'-TCTTGCTCACAGCCTGGTTA-3'
<i>actb1</i> qPCR primers	5'-TCTTCCAGCCTTCCTTCTG-3'	5'-TGTGTTGGCATAACAGGTCCT-3'
<i>vim</i> qPCR primers	5'-ACCTAGGGGAGGACATCGAG-3'	5'-CGAGCCAGAGAGGCGTTATC-3'
<i>rpl13a</i> qPCR primers	5'-TCTGGAGGACTGTAAGAGGTATGC-3'	5'-AGACGCACAATCTTGAGAGCAG-3'