



Supplementary Figure S1. Quantitative RT-PCR using primers spanning from exon 6 to exon 9 of *Mbnl1* and *Mbnl2* respectively. RNA from TA muscles. n=4 mice per genotype; error bars are mean \pm SEM; p values indicated for Student's T-tests.

Supplementary Table S1. Primers for real-time RT-PCR

Gene	Forward primer	Reverse primer	Annealing temp (°C)	PCR efficiency (%)
<i>Gapdh</i>	AGGTCGGTGTGAACGGATTG	TGTAGACCATGTAGTTGAGGT CA	62	93
<i>Pax7</i>	AGGACGACGAGGAAGGAGACA	TCATCCAGACGGTTCCTTT	60	98
<i>Myod</i>	ATCCGCTACATCGAAGGTCTG	CTCGACACAGCCGCACTCTTC	62	98
<i>Myog</i>	CCAGTGAATGCAACTCCCACAGC	AGACATATCCTCCACCGTGA	59	102
<i>Col1a1</i>	GAGCGGAGAGTACTGGATCG	GCTTCTTTTCCTTGGGGTTC	61.4	97
<i>Col3a1</i>	GCCCACAGCCTTCTACAC	CCAGGGTCACCATTCTC	61.4	98
<i>Mbnl1(ex2-3)</i>	CCTTCGAAAAGCTGCCAAGTT	CATGGCCATGTTCTTCTGCTG	62	96
<i>Mbnl2(ex2-3)</i>	CAGGTTGAAAATGGAAGAGTAATT	GCTGCTGCAGTTTTTTGCTG	62	98
<i>Mbnl1(ex6-9)</i>	CATGCAGTTACAGCAGCATAC	GGTATCTGGTTGGCTGTGG	61.4	97
<i>Mbnl2(ex6-9)</i>	CTCGAAGCAACTGTAGACCTG	GCTGTGCATCATGGGTACTG	61.4	96