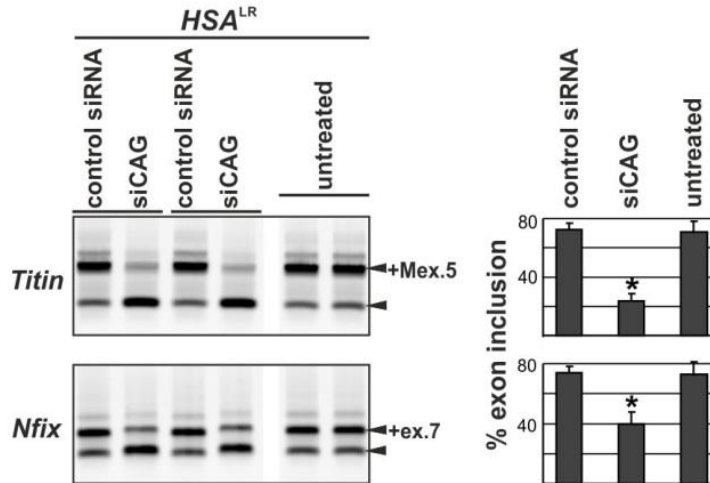
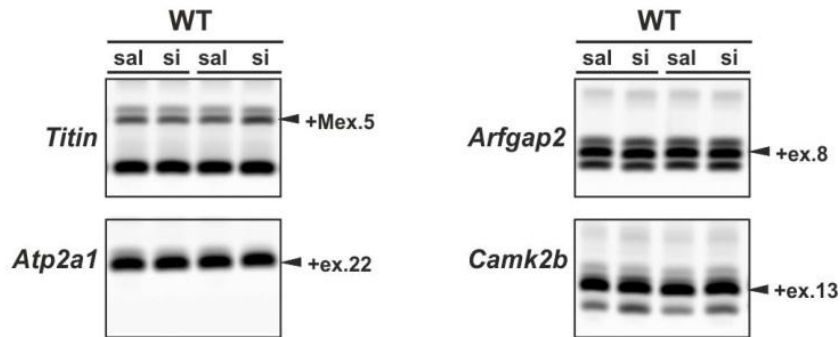


a siCAG and control siRNA treated HSA^{LR} mice



b siCAG treated WT mice



Supplementary Figure S4. Alternative splicing of DM1-dysregulated transcripts is not affected by electroporation of control siRNA in HSA^{LR} mice, or by siCAG in WT mice.

(a) TA muscle from HSA^{LR} mice was taken 7 days after electroporation of control siRNA (3 μ g) having no known target. siCAG (3 μ g) was electroporated into the contralateral TA. Alternative splicing of *Titin* M-exon 5 and *Nfix* exon 7 was compared with untreated TA from HSA^{LR} mice. Graphs show quantitative analyses of RT-PCR products based on two independent experiments (mean \pm SD). The results are expressed as the percentage of splice products that include the indicated alternative exon (* $P < 0.0001$ - Student's t -test for comparison with saline treated TAs). **(b)** The splicing pattern of four DM1-affected exons in TA muscles of two wild type mice. Muscle was taken 7 days after electroporation of saline (sal) or 3 μ g of siCAG (si).