**Supplementary Figure S2.**

**U1C-dependent alternative splicing of U1-70K is conserved between human, mouse, and zebrafish.**

(A) Conservation of U1-70K exon 7a region in human, mouse, and zebrafish. Sequences from 20 nt upstream of the alternative 3' splice site until 11 nt downstream of regulatory 5' splice site C from human (Hs; NM_003089), mouse (Mm; NM_009224), and zebrafish (Dr; NM_001003875) were aligned using ClustalW2. The positions of the alternative 3' splice site (blue box), potential premature termination codons (red boxes with stop sign), and the three regulatory 5' splice sites A, B, and C (green boxes) are highlighted; positions that are conserved in all three species are marked by asterisks below.

(B) U1-70K alternative splicing after U1C knockdown in mouse myoblast cells. C2C12 cells were treated with an siRNA against U1C (ΔC), or as a control, with a luciferase-specific siRNA (ctr). 72 h after siRNA transfection, knockdown efficiencies were evaluated by Western blot analysis of whole cell lysates, detecting γ-tubulin (as a loading control) and U1C. Splicing patterns were analyzed by RT-PCR on total RNA, using specific primer sets (indicated in the schematic on the right) to detect exons 7-7a and 7-8 splicing, and, as a control, β-actin. Splicing products are depicted on the right of the gels. M, DNA size markers (in bp).