

**Supplementary Figure S1.** Whole immunoblots analyzed in this study. **(A)** Related to Figure 2D, Western blotting against P-eIF2 $\alpha$  from cell lysates of C2C12 cells cultured for 4 hours in C10, Sal003 or DMSO (control). **(B,C)** Related to Figure 3E,F; Western blotting with antibodies against Pax7, MYOGENIN and  $\beta$ -ACTIN of MuSC lysates after 4 day culture in C10 or DMSO (control).