



Supplementary Figure 11: Luciferase reporter assays of predicted CRMs after shRNA knockdown. (a-c) C2C12 myoblasts were infected with lentivirus encoding shRNAs directed against known myogenic TFs. In all experiments, lentivirus encoding shRNA against HNF4 α , a liver-specific TF, was used as a negative control. Experimental knockdowns were directed against (a) Myogenin, (b) MEF2D, and (c) SRF. In (a-c), * indicates $P < 0.05$, while vertically stacked double asterisks indicate $P < 0.005$, comparing luciferase activity in the experimental knockdown versus the HNF4 α knockdown.