

Description of Additional Supplementary Files

Title: Supplementary Data 1

Description Differentially expressed proteins for Ctrl or Y2-KO skeletal muscles detected via TMT LC5 MS/MS.

Title: Supplementary Data 2

Description YTHDF2-bound transcripts detected by YTHDF2-RIP-seq analysis on skeletal muscle.

Title: Supplementary Data 3

Description Recorded significant p-values from statistical tests.