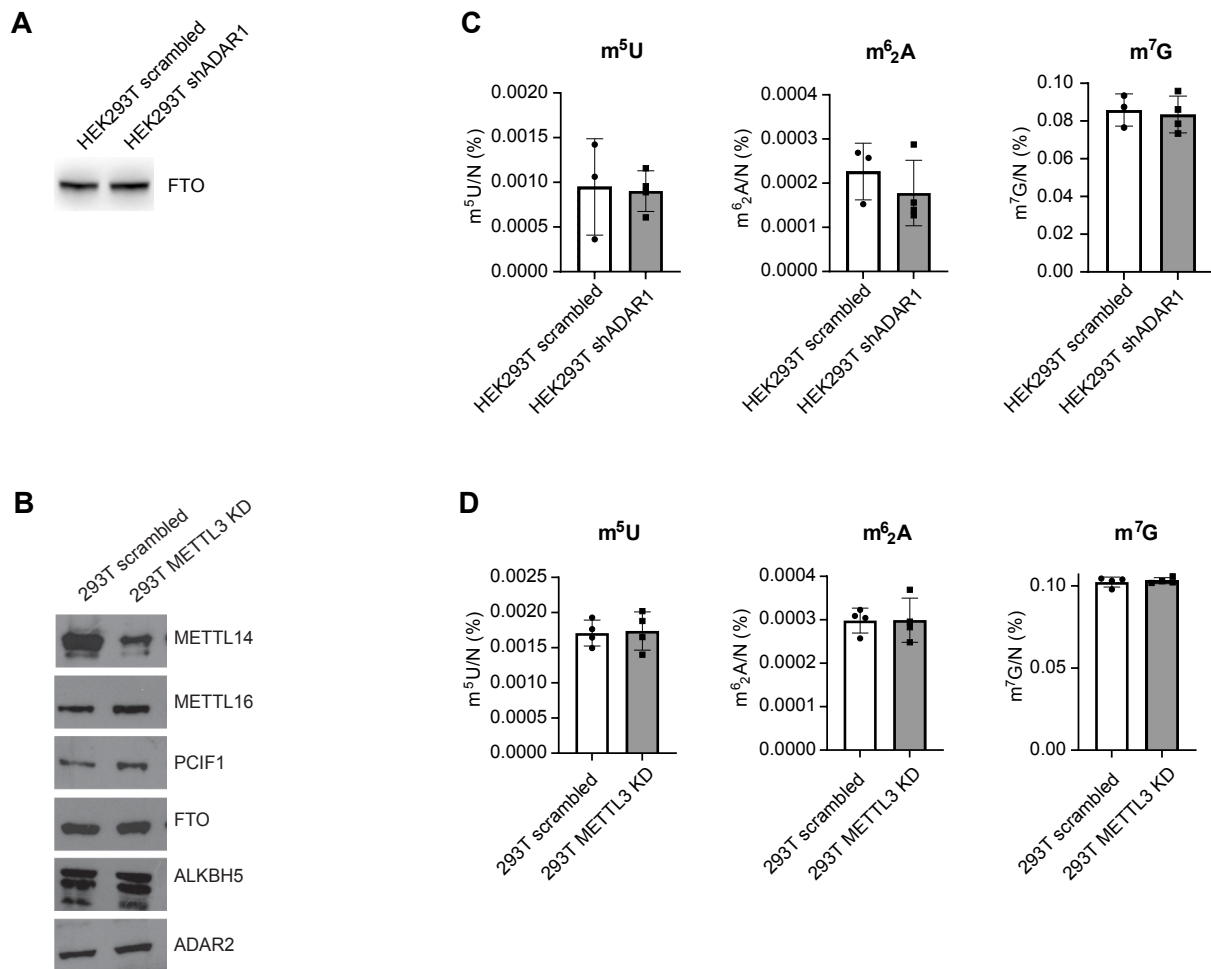




Supplemental Figure S2. ADAR1 and METTL3 do not show cross-regulation in 293T cells.

A Immunoblot analysis of protein extracts from HEK293T cells treated with control (scrambled) or shRNA specific for ADAR1 mRNA. The levels of proteins were detected with specific antibodies listed in Materials and Methods. B Immunoblot analysis of protein expression in 293T cells transfected with control (scrambled) or METTL3 targeting siRNAs. C. LC-MS/MS measurements of m⁷G and contaminating modifications originating primarily from 18S rRNA (m⁶A) and tRNA (m⁵U) in poly(A) RNA after ADAR1 knockdown in HEK293T cells (n = 3 - 4). D. LC-MS/MS measurements of poly(A) RNA after METTL3 knockdown in 293T cells (n = 3 - 4). Data are mean ± SD, unpaired two-tailed T-test. Source data are available online for this figure.