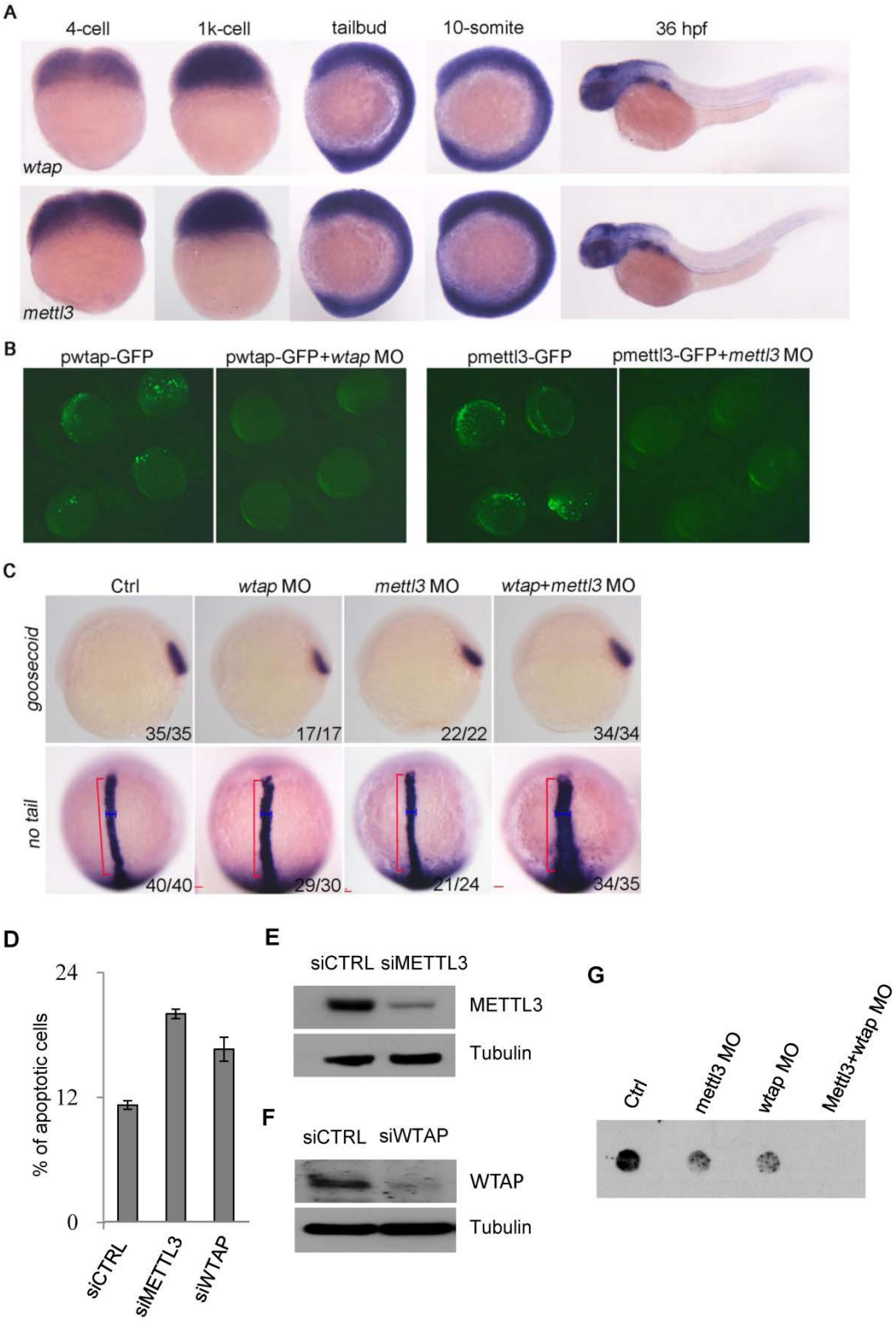

Supplementary information, Figure S6 (Related to Figure 4). Expression pattern and functional assay of *WTAP* and *METTL3* in zebrafish embryos **(A)** Whole-mount in situ hybridization (WISH) shows ubiquitous expression of *WTAP* and *METTL3* during embryogenesis, respectively. **(B)** To test the efficiency of *WTAP*- and

METTL3-MOs one-cell embryos were injected with 25 pg of pWTAP-GFP plasmid DNA alone or in combination with *WTAP* MO (left panel) or *METTL3* MO (right panel). **(C)** To test the expression of the neuro-ectoderm marker "*goosecoid*" and mesoderm marker "*no tail*" in embryos injected with individual or a combination of *WTAP* and *METTL3* MOs. Red bracket indicates the length and blue bracket the width of "no tail" expression in the notochord. **(D)** HeLa cells were treated with siControl, siMETTL3 or siWTAP RNAi for 48h, then stained with annexin V-FITC and PI and subjected to apoptotic analyses by flow cytometry. **(E-F)** Western blots showing knock down efficiency of siMETTL3 (E) and siWTAP (F) in cells used in the apoptotic assay shown in (D). **(G)** Zebrafish embryos were treated with control, *WTAP*- and *METTL3*-MOs as indicated. mRNA was extracted and 50 ng of mRNA was spotted onto a nylon membrane and m6A levels were detected with anti-m6A antibody.