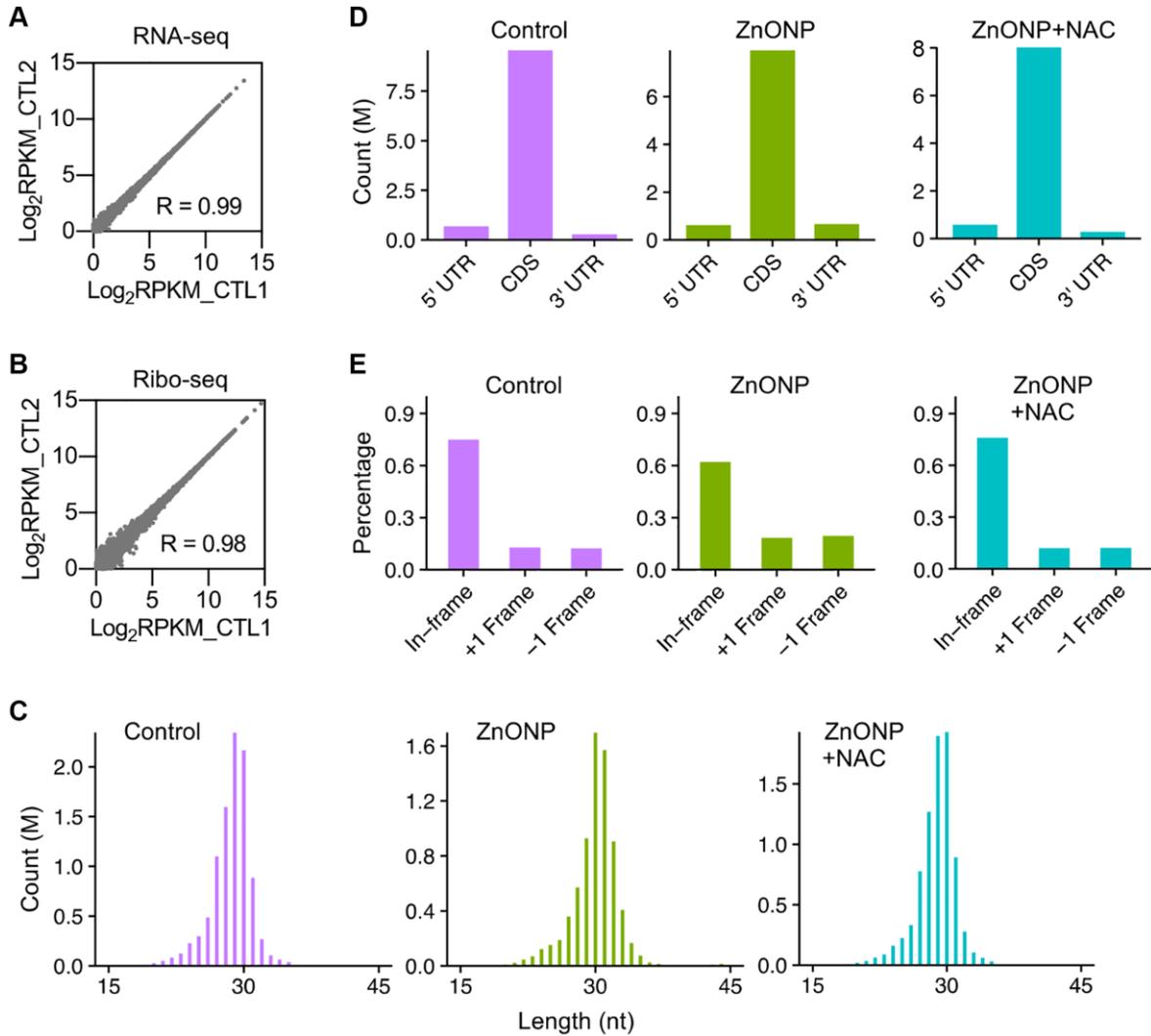
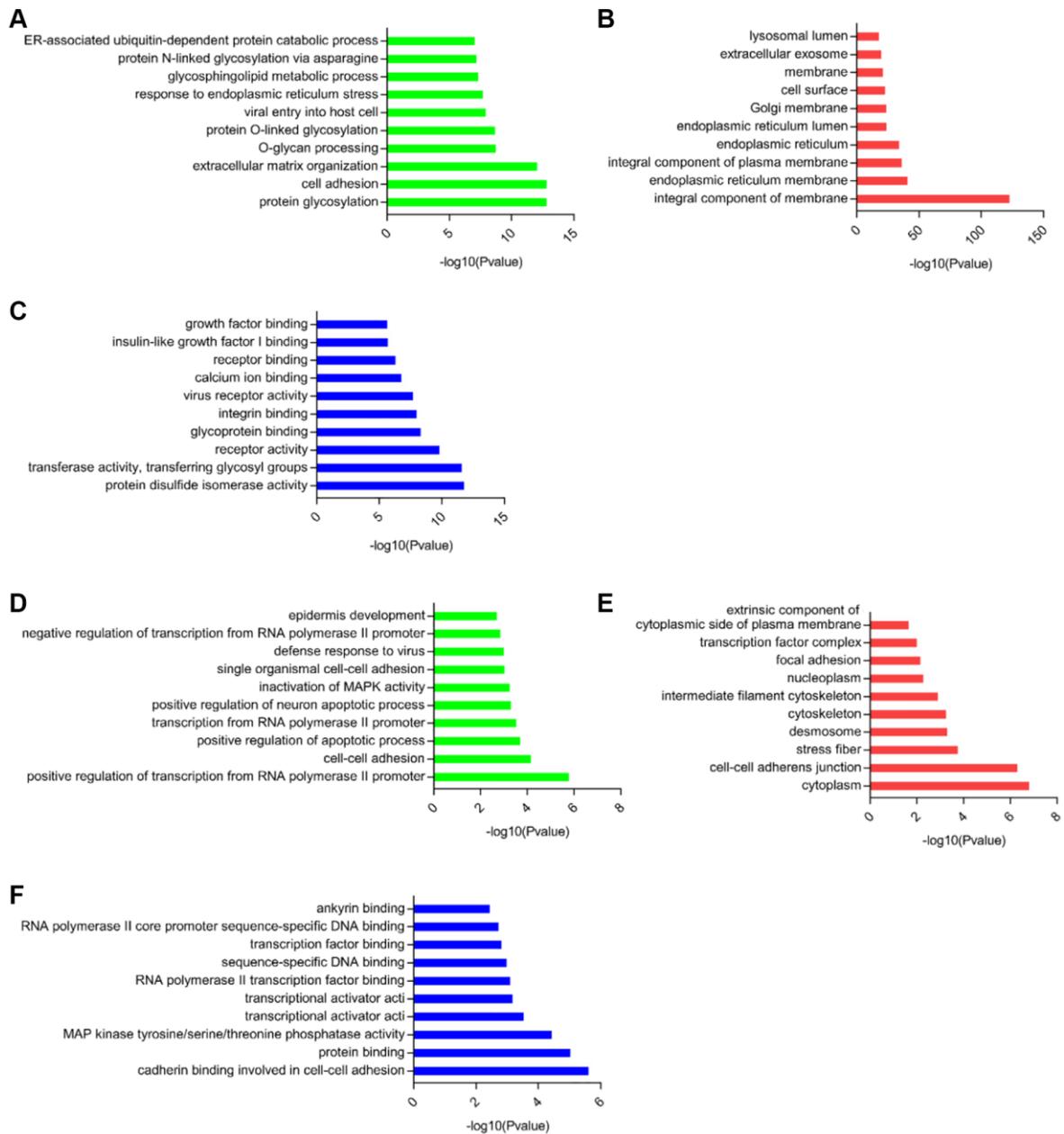


SUPPLEMENTARY FIGURES



Supplementary Figure 1. The quality analysis of RNA-seq and ribosome profiling (Ribo-seq) data. (A) Reproducibility of RNA-seq data from two independent experiments. (B) Reproducibility of ribosome profiling data from two independent experiments. (C) Length distribution of ribosome protected fragments (RPFs) in control group, ZnO NPs-treated group, and ZnO NPs with NAC group. (D) The RPFs reads located in CDS, 5'UTR, and 3'UTR in each group. (E) The percentage of in-frame reads, -1 frame reads, and +1 frame reads in each group.



Supplementary Figure 2. GO analysis of altered genes at the translational level. (A) Biological process of translationally down-regulated genes. **(B)** Cellular component of translationally down-regulated genes. **(C)** Molecular function of translationally down-regulated genes. **(D)** Biological process of translationally up-regulated genes. **(E)** Cellular component of translationally up-regulated genes. **(F)** Molecular function of translationally up-regulated genes.