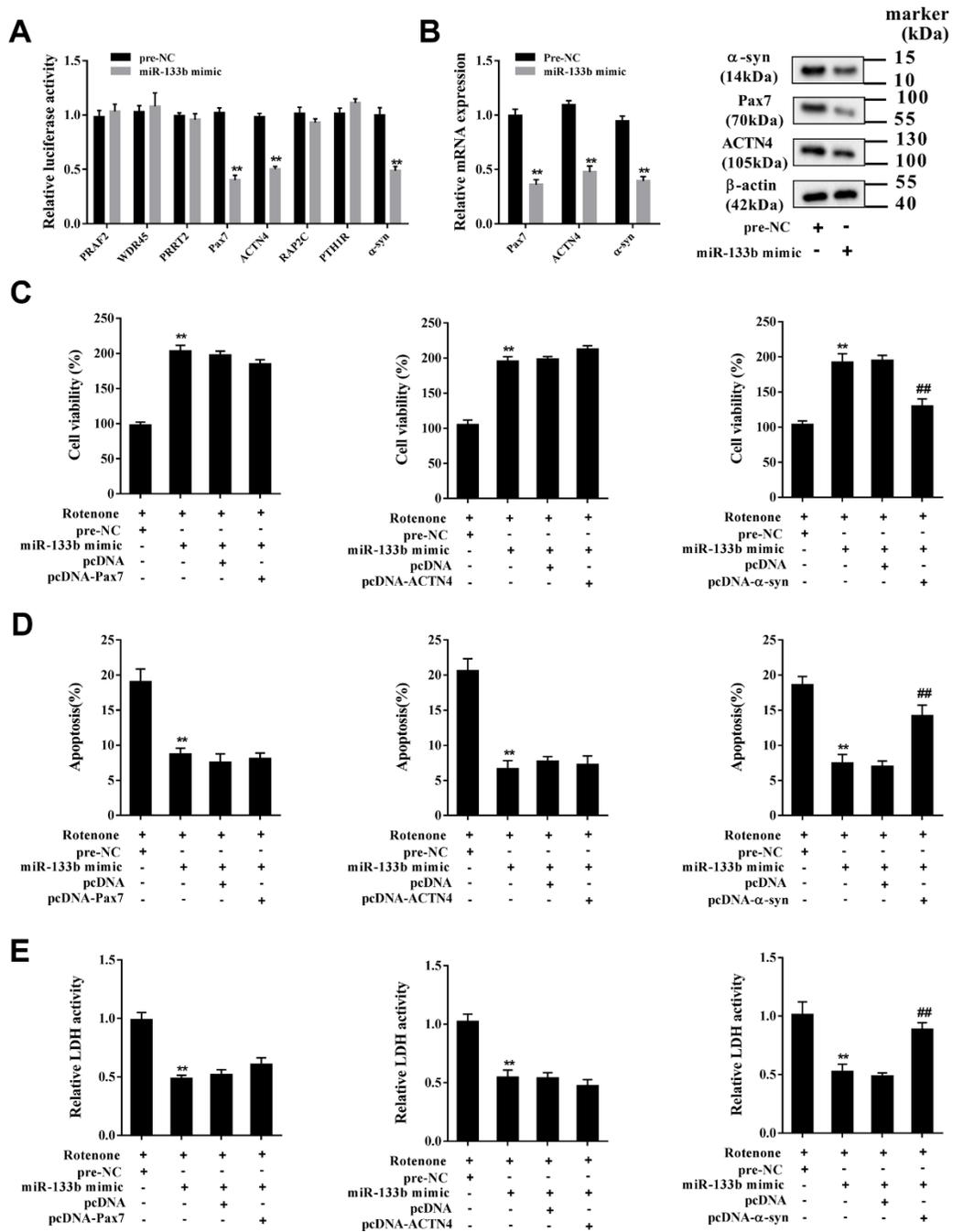


**SUPPLEMENTARY FIGURE**



**Supplementary Figure 1.** (A) The 3'UTR activity of several target genes of miR-133b was measured using dual luciferase reporter gene assay. (B) The expression levels of Pax7, ACTN4 and  $\alpha$ -syn were measured using qRT-PCR and western blotting. Pax7, ACTN4 and  $\alpha$ -syn was overexpressed respectively in MN9D cells, which had been transfected with miR-133b mimic. (C) Cell viability, (D) percentage of apoptosis, (E) LDH activity of each group was measured after rotenone treatment (1 $\mu$ mol/L). \*\*P<0.01 compared with pre-NC, ##P <0.01 compared with pcDNA.