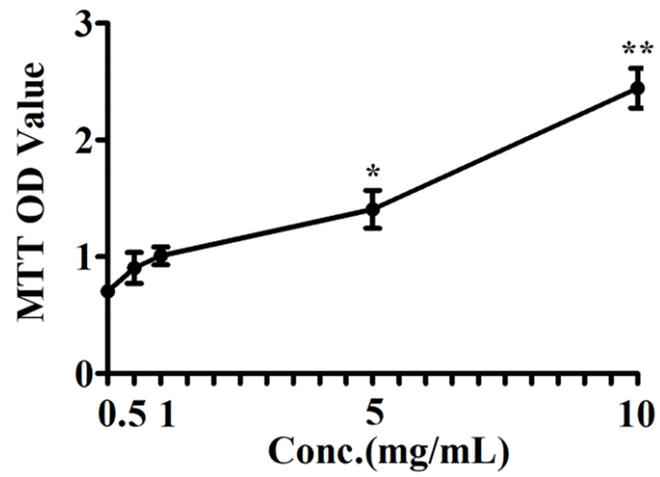
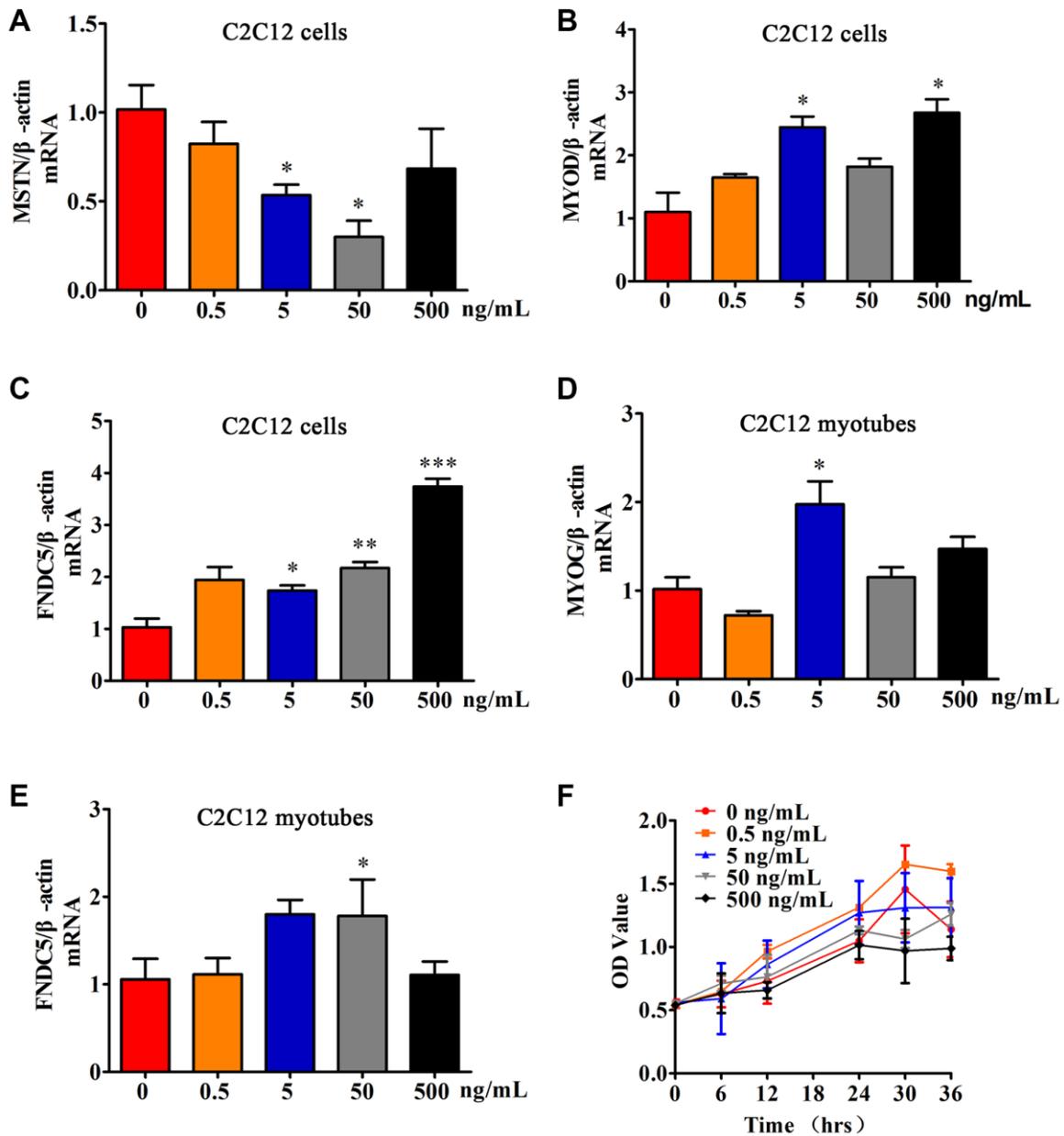


SUPPLEMENTARY FIGURES



Supplementary Figure 1. The MTT method demonstrated the most effective concentration of FEYE on C2C12 proliferation.



Supplementary Figure 2. VTG2 promotes the proliferation and differentiation of C2C12 cells. (A–C) VTG2 at different concentration gradients is added during the proliferation of C2C12 cells for 36 h. When the concentration of VTG2 is 5 ng/mL, it can not only significantly inhibit the expression of MSTN mRNA (A) but can also enhance the mRNA expression of MYOD (B) and FNDC5 (C); (D, E) During the differentiation of C2C12, different concentrations of VTG2 were added for 36 hours. When the concentration of VTG2 is 5 ng/mL, it can promote the mRNA expression of MYOG (D) and FNDC5 (E); (F) VTG2 at different concentration gradients is used to treat C2C12 cells during the proliferation. CCK-8 assay shows that different concentrations of VTG2 have different influence on the proliferation of cells; * $P < 0.05$, ** $P < 0.01$, *** $P < 0.001$.