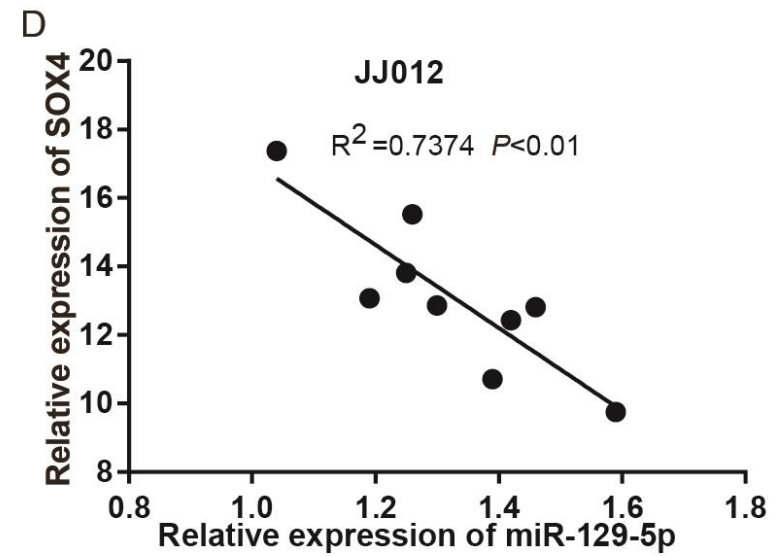
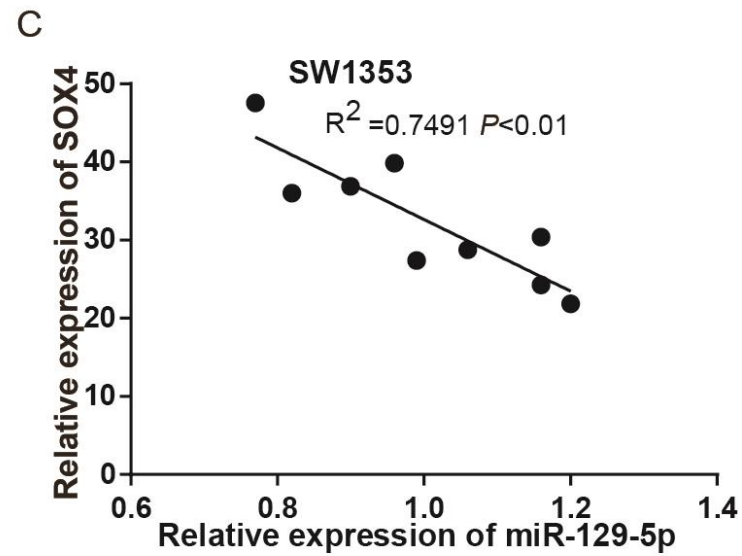
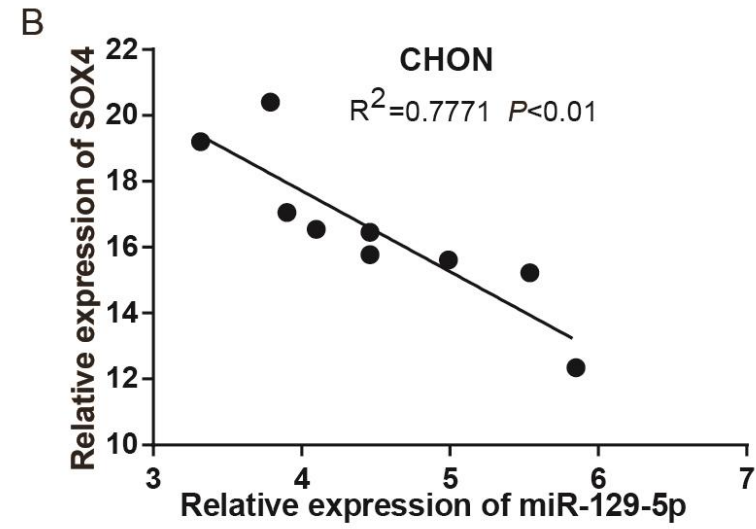
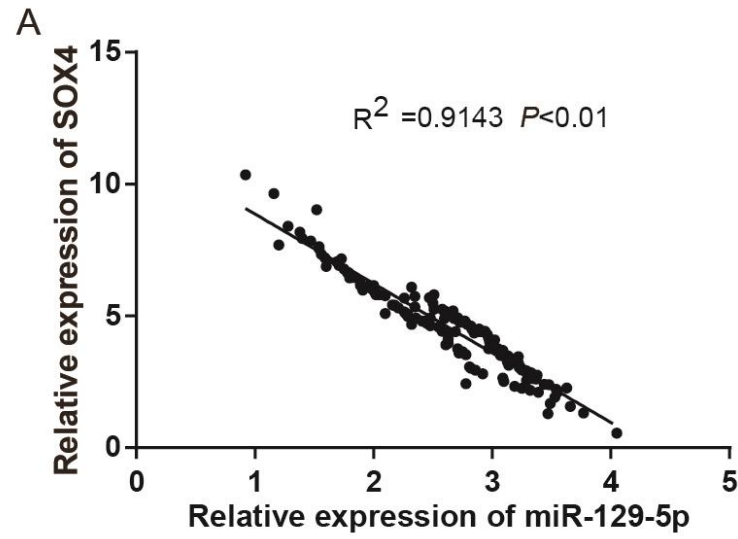
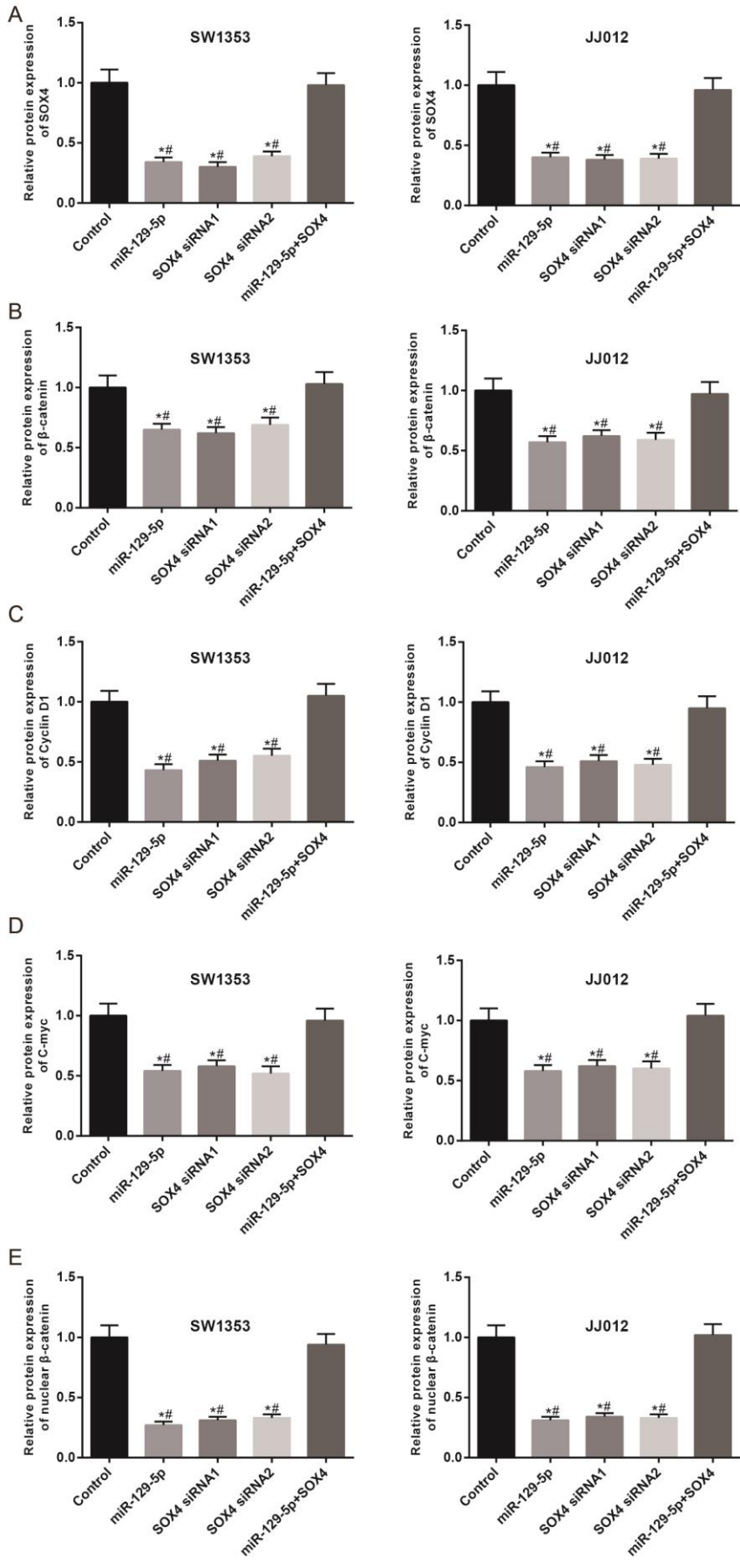


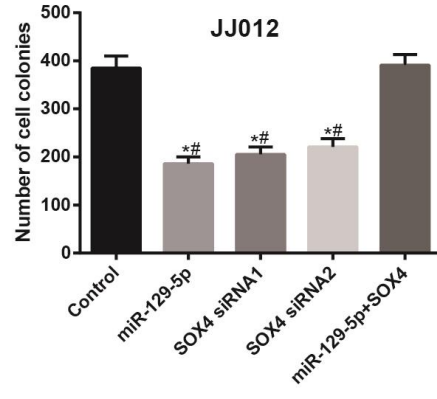
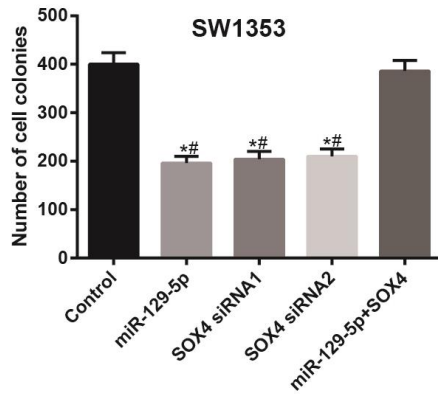
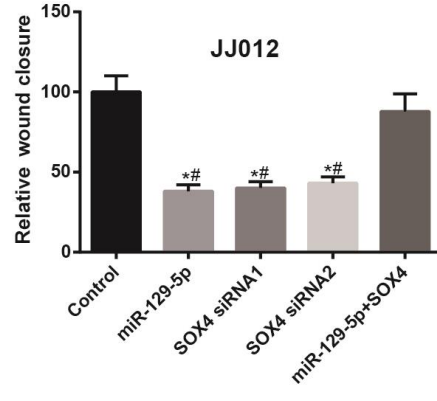
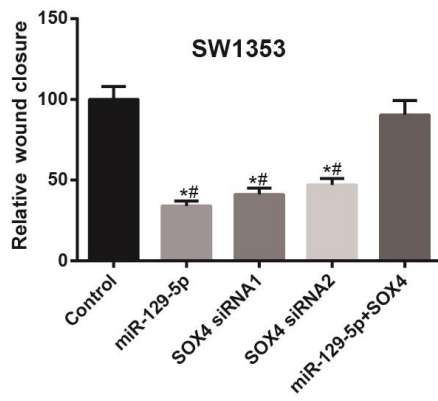
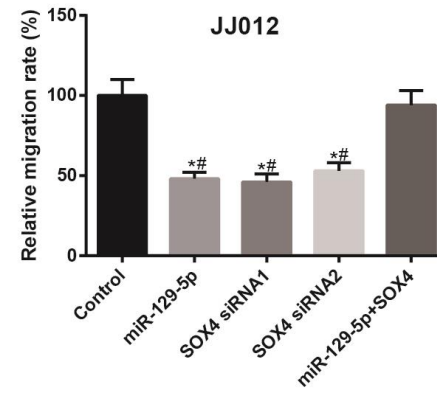
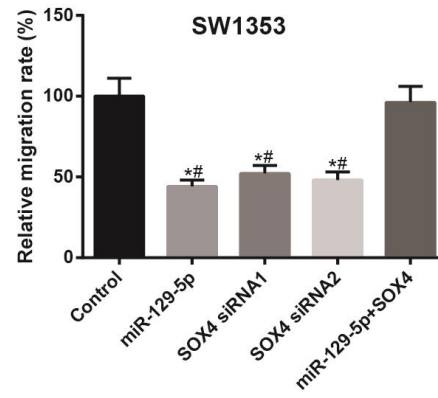
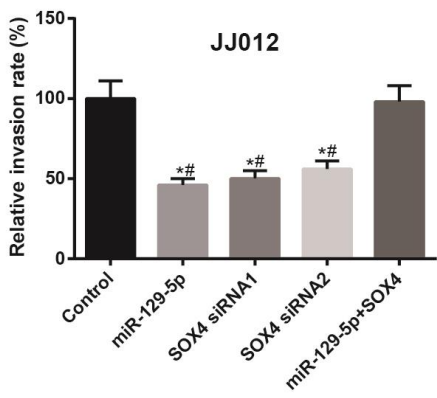
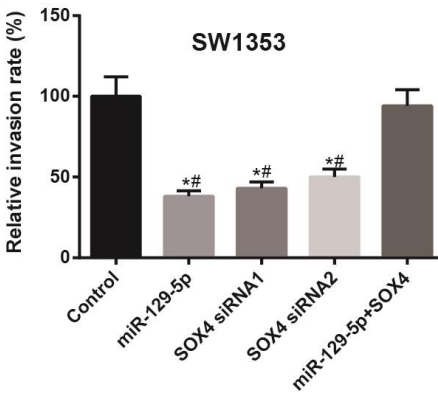
## Supplementary Figures



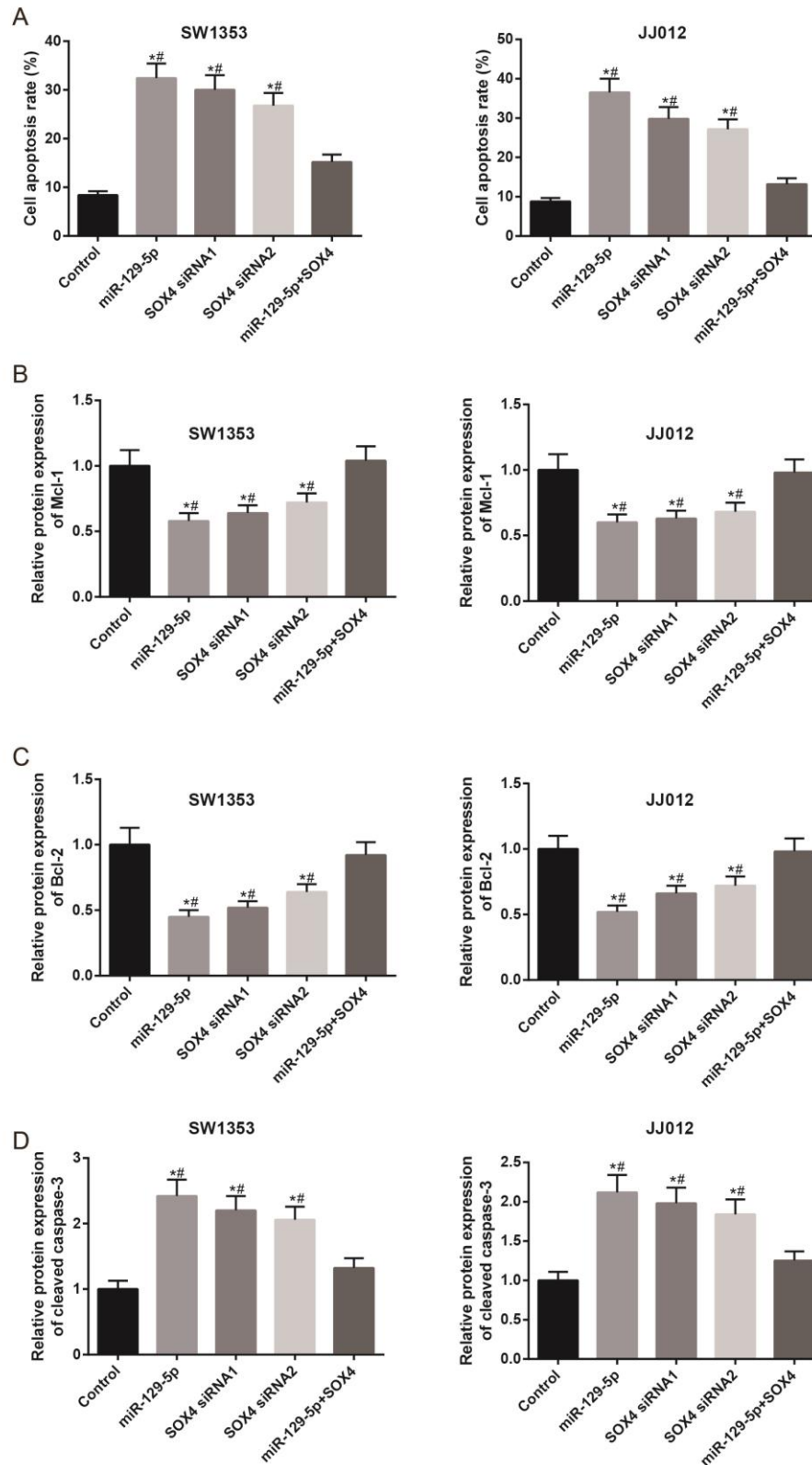
**Figure S1 The expression of miR-129-5p was negatively correlated with the expression of SOX4.** (A) There was a strong negative correlation between miR-129-5p and SOX4 in tissue samples. (B-D) The expression of miR-129-5p was negatively correlated with the expression of SOX4 in CHON cells (B), SW1353 cells (C) and JJ012 cells (D).



**Figure S2 MiR-129-5p inhibited the Wnt/ $\beta$ -catenin signaling pathway by targeting SOX4.** The bar graphs of relative protein expressions of SOX4 (A),  $\beta$ -catenin (B), Cyclin D1 (C), C-myc (D) and nuclear  $\beta$ -catenin (E) in five groups. \*  $P < 0.05$  verse control group, #  $P < 0.05$  verse miR-129-5p+SOX4 group.

**A****B****C****D**

**Figure S3 MiR-129-5p inhibited the ability of proliferation and mobility of chondrosarcoma cells by targeting SOX4.** Bargraphs of number of cell colonies (A), relative wound closure (B), relative migration rate (C) and relative invasion rate (D). \*  $P < 0.05$  verse control group, #  $P < 0.05$  verse miR-129-5p+SOX4 group.



**Figure S4 MiR-129-5p promotes apoptosis of chondrosarcoma cells.** (A) Cell apoptosis rates of SW1353 and JJ012. (B-C) The Western blot results of apoptosis-related Mcl-1 (B), Bcl-2 (C) and cleaved caspase-3 (D). \*  $P < 0.05$  verse control group, #  $P < 0.05$  verse miR-129-5p+SOX4 group.