Supplementary Figure 1. miR-146b promotes IL-1β-induced apoptosis in chondrocytes. Chondrocytes were transfected with miR-146b-mimic or miR-146b inhibitor and their negative control. (A, B) Representative western blots and quantification data of Cleaved Caspase 3 and Cleaved Caspase 9 in each group. *P<0.05.

Supplementary Figure 2. Suppression of miR-146b inhibits IL-1β-induced apoptosis in chondrocytes by upregulating A2M expression. Chondrocytes were transfected with miR-146b inhibitor or co-transfected with miR-146b inhibitor and siA2M. (A, B) Representative western blots and quantification data of Cleaved Caspase 3 and Cleaved Caspase 9 in each group. *P<0.05.

Supplementary Figure 3. Determination of A2M protein expression by Western blotting in chondrocytes. Chondrocytes were transfected with siA2M and the negative control. (A, B) Representative western blots and quantification data of A2M in each group. *P<0.05.