

Figure S1. Bilateral paw withdrawal threshold of OA group.
***P<0.001 vs. Sham group; ###P<0.001 vs. OA-ipsilateral group. OA, osteoarthritis; ns, not significant.

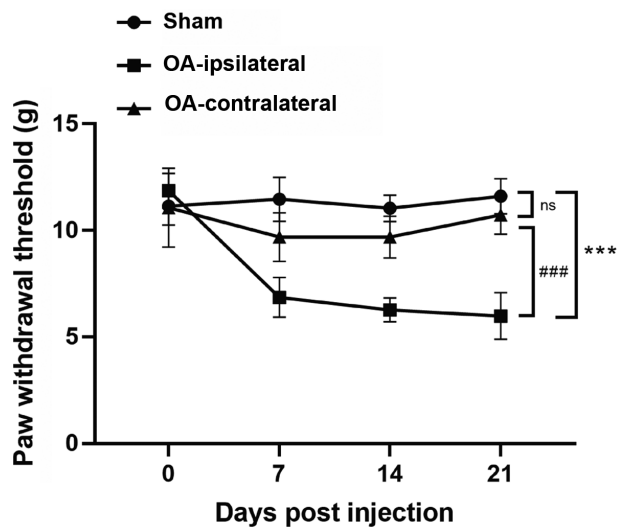


Figure S2. Validation of YAF2 expression using a luciferase assay. **P<0.01 vs. Luc-NC; ##P<0.01 vs. Luc-WT-YAF2. Luc, luciferase; NC, negative control; WT, wild-type; MUT, mutant; YAF2, YY1-associated factor 2; F, forward; R, reverse.

PCR Primer	
WT-YAF2	F:5'-UAUUUCGG CCACUC A-3' R:5'-ATGAAACGAACTGCAT-3'
MUT-YAF2	F:5'-UAUUUCGG GGUGAGA -3' R:5'-ATGAAACGAACTGCAT-3'

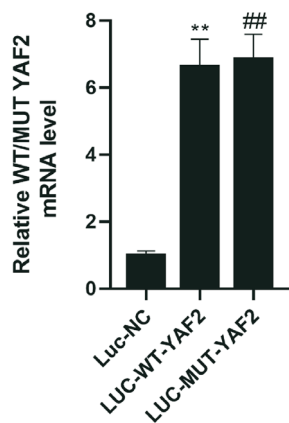


Figure S3. mRNA expression levels of miR-574-5p and YAF2 after cell transfection with miR-574-5p mimic and pcDNA-YAF2. $^{##}P < 0.01$ vs. mimic-NC; $^{###}P < 0.01$ vs. pc-DNA. NC, negative control; YAF2, YY1-associated factor 2; miR, microRNA.

