

**Supplemental information**

**Flightless I is a catabolic factor of chondrocytes  
that promotes hypertrophy and cartilage  
degeneration in osteoarthritis**

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## **Supplemental information**

### **Supplementary Tables**

**Supplementary Table 1. Primer list used in this study, related to the STAR Methods**

**Supplementary Table 2. Antibodies list used in this study, related to the STAR Methods.**

**Supplementary Table 1.** Primer list used in this study, related to the STAR Methods.

<b>Target</b>	<b>Forward</b>	<b>Reverse</b>
<i>Gapdh</i>	TGCAGCGAACTTTATTGATG	ACTTTGTCAAGCTCATTTC
<i>Fli1</i>	CGCTACAGAACCAGCTGAGG	CTGCAGCAGCAGCCACT
<i>Mmp13</i>	TTGGCCACTCCCTAGGTCTG	GGTTGGGGTCTTCATCGC
<i>Adamts 5</i>	GCATGCGCGCTACACTCTAA	TCGCGGTTGTAGACATGCAG
<i>Mmp3</i>	TTCTGGGCTATACGAGGGCA	TTCTTCACGGTTGCAGGGAG
<i>Col2A1</i>	CTCATCTTGCCGCATCTGTGT	GTCATCGCAGAGGACATTCCC
<i>Aggrecan</i>	CCCTCACCCCAAGAATCAAG	GGATAGTTGGGGAGCGACAC
<i>Runx2</i>	GCGCATTCCCTCATCCCAGTA	ACTTGGTGCAGAGTTCAGGG

**Supplementary Table 2.** Antibodies list used in this study, related to the STAR Methods.

<b>Antibody</b>	<b>Dilution</b>	<b>Manufacturer</b>	<b>Research Resource Identifier (RRID)</b>
<i>Flightless I</i>	1:1000	GeneTex	AB_10727618
<i>MMP13</i>	1:500	Abcam	AB_776416
<i>ADAMTS5</i>	1:1000	GeneTex	AB_1240417
<i>MMP3</i>	1:1000	Abcam	AB_881281
<i>RUNX2</i>	1:1000	BioLegend	AB_2632769
<i>VEGFa</i>	1:1000	BioLegend	AB_2212504
<i>c-Myc</i>	1:1000	Cell signaling	AB_2151827
<i>pc-Myc</i>	1:1000	Cell signaling	AB_2151830
<i>COL X</i>	1:250	Abcam	AB_879742
<i>ERK1/2</i>	1:1000	Cell signaling	AB_390779
<i>pERK1/2</i>	1:1000	Cell signaling	AB_2315112
<i>P38 MAPK</i>	1:1000	Cell signaling	AB_10999090
<i>pP38 MAPK</i>	1:1000	Cell signaling	AB_2139682
<i>SAPK-JNK</i>	1:1000	Cell signaling	AB_2250373
<i>pSAPK- JNK</i>	1:1000	Cell signaling	AB_823588
<i>MEK1/2</i>	1:1000	Cell signaling	AB_10829473
<i>pMEK1/2</i>	1:500	Cell signaling	AB_331648
<i>TLR4/MD2</i>	1:1000	BioLegend	AB_313789
<i><math>\beta</math> actin</i>	1:2000	Applied Biological Materials	AB_2631287