

SUPPORTING INFORMATION

Immunohistochemical analysis

Knee joint sections were deparaffinized with xylene and a descending ethanol series before rehydration. Slides were pretreated with antigen retrieval reagent (Proteinase K, Dako) at room temperature for 10min, followed by normal blocking serum for 30 minutes. Sections were immunostained with anti-Type II collagen (DSHB, CIIC1, 5.6µg/mL) diluted in PBS, using VECTASTAIN Elite ABC-HRP kit and DAB substrate kit (Vector Laboratories, Burlingame, CA, USA) according to the manufacturer's instructions.