Fig. S1: IL-17A expression in osteoarthritis (OA) synovium.
Staining for IL-17A (brown) in OA synovium is scarce with few positive cells. Top row demonstrates OA tissue with few IL-17A+ cells; in middle row OA-2 with no IL-17A+ cells detected. 10x and 40x fields of a representative OA synovium tissue (n=4 with 2 positive and 2 negative synovial OA membranes). Arrows show positive cells. Grey box: area of magnification. Right bottom picture: Isotype control of OA-1
Fig. S2: Mast cells express the RORC gene and its expression is inhibited by siRNA. Ready made RORC-siRNA and siRNA-negative control were transfected into BMMCs, rested for 24h and after further 24h stimulation with TNFα (10ng/ml) expression for RORC and STAT3 was determined by Taqman. Demonstrated is a basal expression of RORC in BMMCs which was inhibited by siRNA against RORC. In comparison, siRNA-RORC had no effect on STAT3 gene expression. Experiment (n=3) show mean and SD. Open bar: basal level without transfection. Grey bar: siRNA-RORC transfection. Black bar: siRNA-control transfection.