Fig. S4: RT-PCR confirmation of differential expression of selected inflammation- and cartilage-related genes in a separate group of ten patients. Chondrocytes isolated from OA patients were cultured for 24 h in the presence of IL-1β (100 pg/ml) with or without ibuprofen (10 µM). mRNA expression levels of PPARγ (A), PPARγC1B (B), CSF2 (C), IL23 (D), HAS1 (E), IGFBP4 (F), ADAMTS6 (G) and IL6 (H) were studied with quantitative RT-PCR and normalized against GAPDH. The results were compared against control, which was set as 100%. The results are expressed as mean + SEM, n = 10. *: p < 0.05, **: p < 0.01 and ***: p < 0.001, compared to the cells treated with IL-1β alone.