

**Additional File 1.** Native serum levels of mouse IL-1Ra or sTNFRII. Concentrations of mouse IL-1Ra or sTNFRII were quantified in serum obtained at time of sacrifice in those animals that received either local or systemic administration of saline, IL-1Ra or sTNFRII following articular fracture. Data presented as mean  $\pm$  standard deviation.

**Native mouse IL-1Ra**

Group	Serum conc. (pg/ml)
Local-Saline	892 $\pm$ 277
Local-IL-1Ra	1132 $\pm$ 236
Systemic-Saline	1285 $\pm$ 543
Systemic-IL-1Ra	2033 $\pm$ 849

**Native mouse sTNFRII**

Group	Serum conc. (pg/ml)
Local-Saline	5593 $\pm$ 2739
Local-sTNFRII	5603 $\pm$ 1276
Systemic-Saline	4680 $\pm$ 1008
Systemic-sTNFRII	4979 $\pm$ 2260