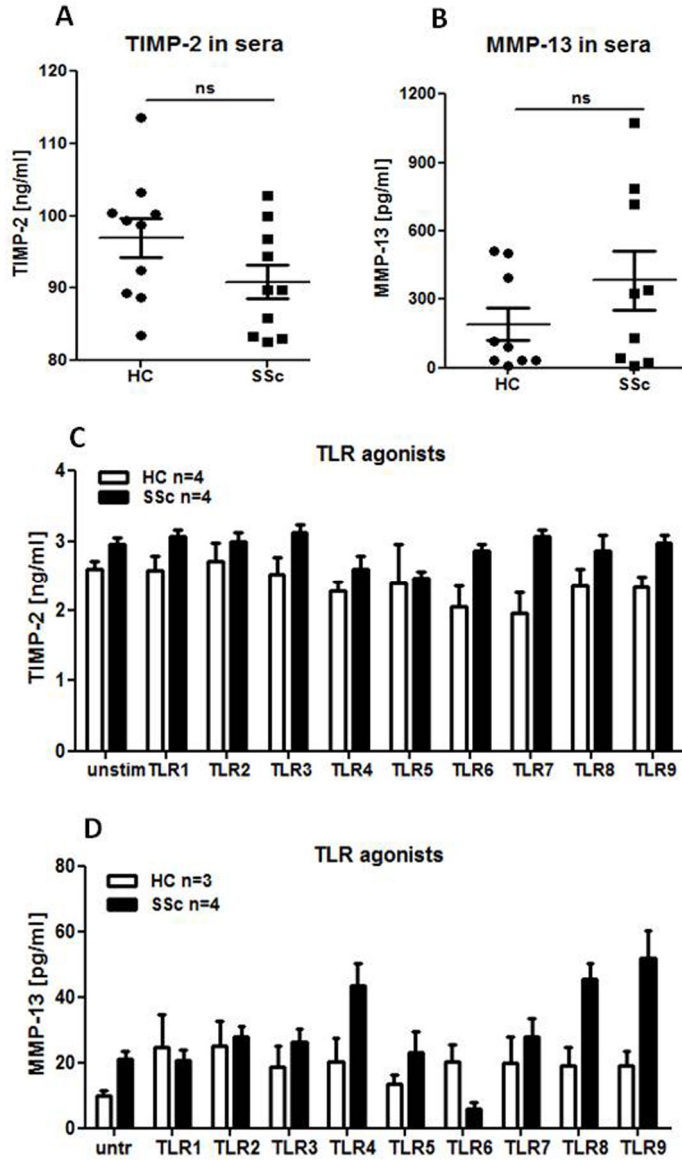
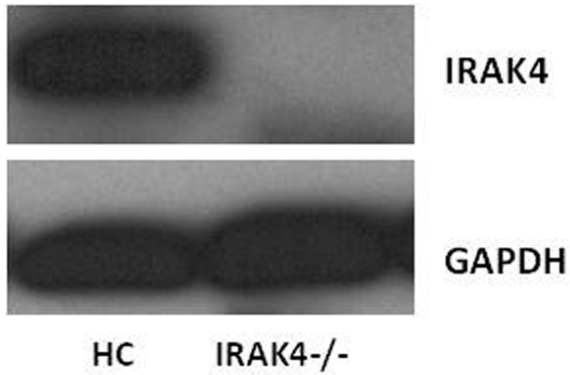


Supplementary Figure S1. TIMP-2 and MMP-13 in sera and in monocytes stimulated with TLR agonists. (A, B) TIMP-2 and MMP-13 protein concentration was measured in sera of HC (n=10 or n=9, respectively) or SSc patients (n=10 or n=9, respectively). (C, D) HC (white bars) or SSc (black bars) monocytes were incubated in the presence of different TLR agonists or media alone for 24 h and TIMP-2 or MMP-13 secretion was determined. Each bar represents the mean±SEM.



Supplementary Figure S2. Western Blot of dermal fibroblasts isolated from HC and IRAK4<sup>-/-</sup> patient. 1.5x10<sup>4</sup> HC and IRAK4<sup>-/-</sup> fibroblasts (derived from a punch biopsy) were lysed and separated on 10% gel. Following transfer, cell lysates were probed with primary mouse monoclonal anti-IRAK4 (non-phosphorylated) (Abcam, ab119942) at 1:2000 dilution overnight at 4°C and then probed with HRP-labelled anti-mouse secondary antibody (1:10000; Dako).



Supplementary Figure S3. Circulating immune complexes recognizing C1q complement protein (CIC-C1q). CIC-C1q protein concentration was measured (Buhlmann Laboratories AG, Cat No EK-CIC) by ELISA according to the manufacturer's protocol in sera of HC (n=20) or SSc patients (n=16).

