

**Supplementary Fig. S1.** Distribution and co-occurrence of IgA RF, IgG RF, IgM RF and anti-CCP2 among 1600 newly diagnosed RA patients. In **a)** data are shown for 1127 females, in **b)** for 473 males and in **c)** for all 1600 patients together. The figure outside the Venn diagrams shows the number of seronegative patients without any autoantibody detected. Cut-offs for all antibodies were aligned to the 98<sup>th</sup> percentile among population controls.

