SUPPLEMENTAL FIGURES

Figure S1. **Arthritis progression is affected in K/BxN.*Foxp3^{fgfp}* mice but progresses normally in B6.*Foxp3^{fgf}* in response to K/BxN serum transfer.** (A) Arthritis progression is delayed in K/BxN.*Foxp3^{fgfp}* heterozygote females. Average net ankle thickness followed over a period of time in K/BxN.*Foxp3$^{fgfp/wt}$* heterozygotes and littermate controls. Data represent two independent experiments (n=6 mice/group). (B) B6.*Foxp3^{fgfp}* mice are not protected from K/BxN serum induced arthritis. Mean ankle thickness measurements of *Foxp3^{fgfp}* or control littermates injected i.p. with 100 µL of K/BxN serum on day 0 and 2. Measurements were taken at day 0 and 14 days post injection. Data represent two independent experiments (n=3 mice per group per experiment).

Figure S2. **Expression of specific T-helper subset genes in Tconv cells from *Foxp3^{fgfp}* vs *Foxp3^{igfp}* B6 and NOD mice.** Vis-à-vis comparison of Th1, Th2, Th17 and TFH gene signatures in Tconv cells from B6 and NOD *Foxp3^{fgfp}* or *Foxp3^{igfp}* mice. Canonical Th-subset specific genes are highlighted in red.

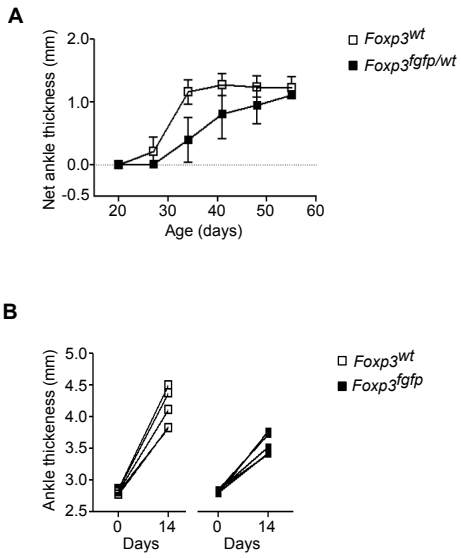
SUPPLEMENTAL EXPERIMENTAL PROCEDURES

K/BxN serum induced arthritis and arthritis evaluation

Arthritis was induced by i.p. injection of 100–150 μl of pooled serum from 8-wk-old K/BxN mice on days 0 and 2. Ankle thickness was measured with a caliper (J15 Blet micrometer). Each limb was scored on a scale from 0 (no observable swelling) to 3 (severe inflammation), and the four-limb scores were summed to yield a clinical index (maximum 12 points).

Supplemental Figure S1

Figure S1



Supplemental Figure S2

Figure S2