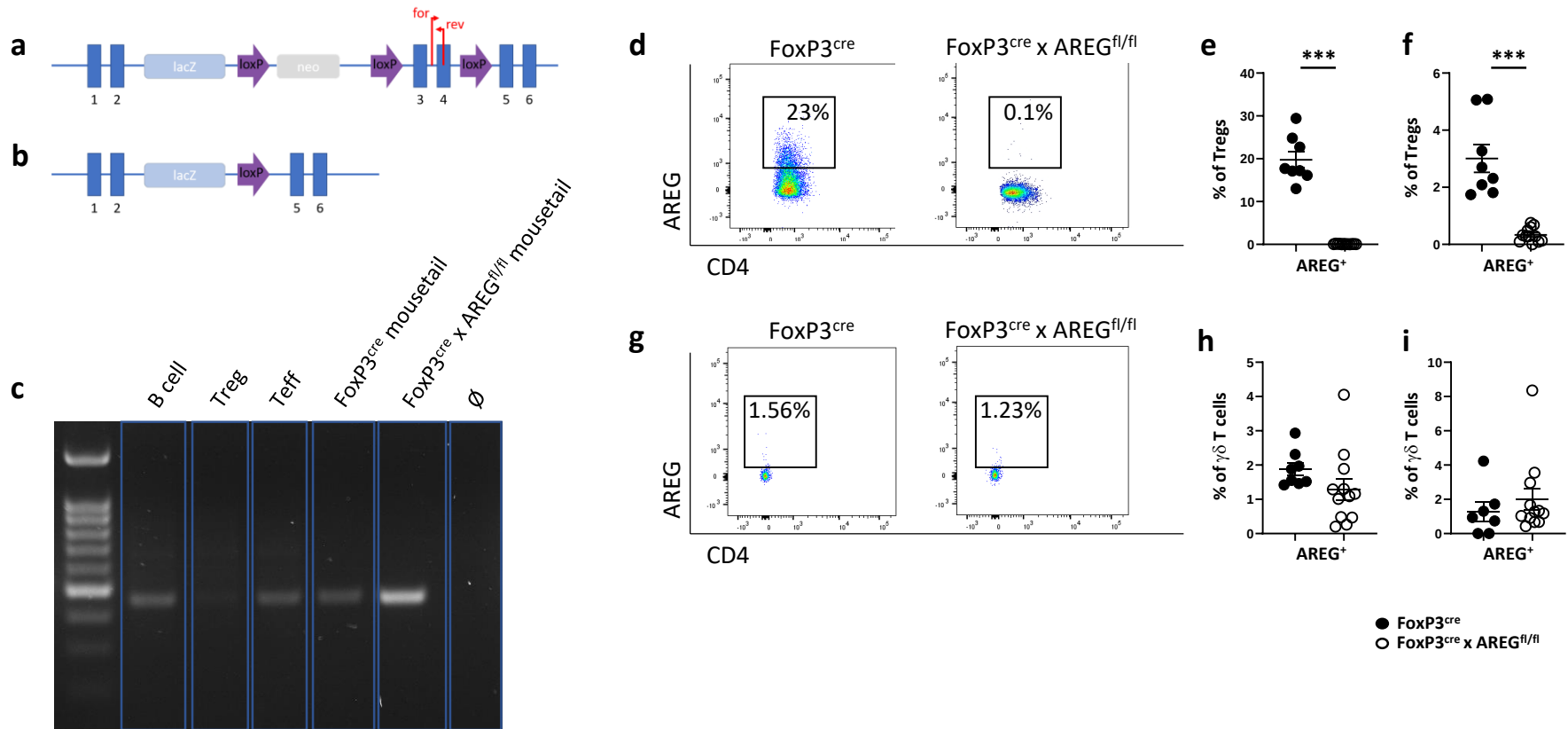


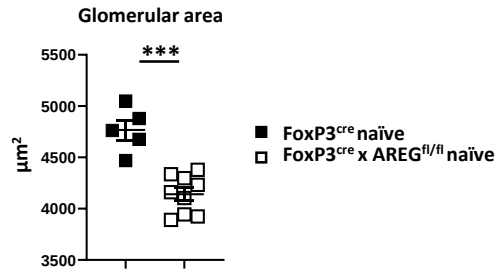
Supplementary Figure S1



Supplementary Figure S1. Lack of AREG in *FoxP3^{cre} x AREG^{fl/fl}* mice is limited to Tregs

(a) The genomic structure of the *Areg*^{tm2a(EUCOMM)Hmgu} mouse with a floxed AREG gene adapted from the IMPC website (www.mousephenotype.org). Exons are numbered 1-6 and indicated by blue bars. *lacZ* and neomycin genes (*neo*) are shown as light blue and grey rectangles respectively. The three floxed (*loxP*) sites are shown by dark purple arrows. The position of the primers used in our analyses is marked by red arrows with the forward (*for*) primer binding within the intron between exons 3 and 4 and the reverse (*rev*) primer binding within exon 4. (b) The expected genomic structure after Cre-mediated recombination with excision of the critical exons 3 and 4. (c) PCR analysis of the AREG gene from genomic DNA of highly purified splenic B cells, Tregs, and T effector cells (Teff) of *FoxP3^{cre} x AREG^{fl/fl}* mice, and of tail tissue from wild type mice and *FoxP3^{cre} x AREG^{fl/fl}* mice. (d) Representative FACS plot of AREG⁺ Tregs in the spleen of mice at 15 months of pristane-induced LN. (e-f) Quantification of AREG⁺ Tregs in (e) the spleen and (f) the kidney of mice with the indicated genotype at 15 months of pristane induced LN. (g) Representative FACS plot of AREG expression by $\gamma\delta$ TCR⁺ T cells in the spleen of control mice. (h-i) AREG⁺ $\gamma\delta$ T cells in (h) spleen and (i) kidneys of mice with the indicated genotype at 15 months of pristane-induced LN. Circles show individual animals, horizontal lines show mean values. Error bars show the standard error of the mean. ***p<0.001

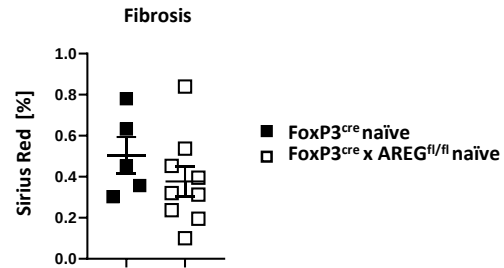
Supplementary Figure S2



Supplementary Figure S2. Analysis of the glomerular area in aged naïve mice

Quantification of the glomerular area of age matched naïve wild type and FoxP3^{cre} x AREG^{fl/fl} mice. Rectangles show individual animals, horizontal lines show mean values. Error bars show the standard error of the mean. ***p<0.001

Supplementary Figure S3



Supplementary Figure S3. Quantification of fibrosis in aged naïve mice

Quantification of the fibrotic area in kidneys of age matched naïve wild type and FoxP3^{cre} x AREG^{fl/fl} mice. Rectangles show individual animals, horizontal lines show mean values.