



Supplementary Figure 1

A. Marilyn.Foxp3^{-/-} CD4⁺ T cells express similar levels of TGFβRII to wildtype Marilyn CD4⁺ T cells.

Splenic CD4⁺ T cells from Marilyn or Marilyn.Foxp3^{-/-} were stained with anti-CD4-APC and anti-TGFβRII-PE. Red dots represent control isotype (PE) staining, blue dots represent staining for TGFβRII.

B. Very few Marilyn CD4⁺ T cells are needed to reject a male skin graft in female B6.Rag^{-/-} recipients.

FACS analysis was performed to determine the proportion of CD4⁺ cells in female Marilyn spleens. Splenocytes were stained with both anti-CD4-FITC and anti-CD4-PE antibodies and an average of the two was deemed as the CD4⁺ percentage (2.4%). Whole splenocytes containing the required number of CD4⁺ cells were then transferred into female B6.Rag^{-/-} recipients. Various numbers of CD4⁺ cells were transferred and the mice grafted with a male CBA.Rag^{-/-} skin on the following day. Grafts were monitored on a daily basis. Difference in rejection kinetics between the groups was not statistically significant.