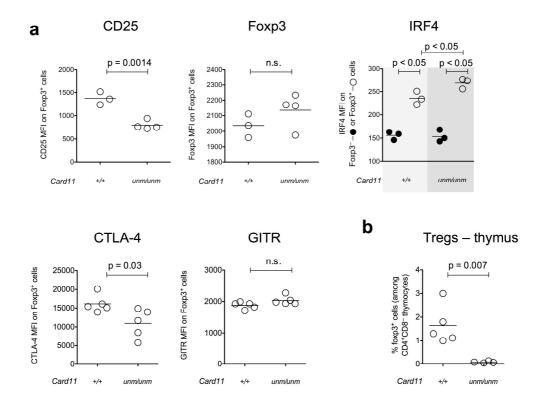
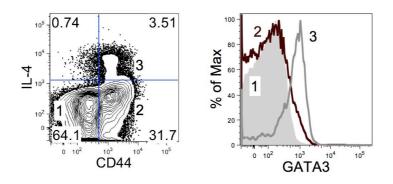
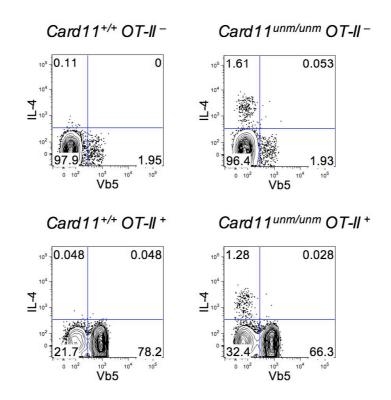
Supplementary Figure 1 (a) Plotted MFIs of CD25, Foxp3, IRF4, CTLA-4 and GITR on lymph node $Foxp3^+$ CD4⁺ T cells from *Card11^{unm}* or wild-type mice, measured by intracellular staining. **(b)** Frequency of $Foxp3^+$ cells among CD4⁺CD8⁻ thymocytes from *Card11^{unm}* or wild-type mice.



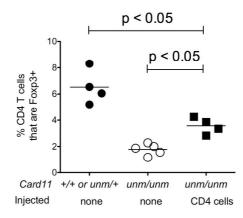
Supplementary Figure 2 Expression of GATA3 on the CD44^{lo}IL-4⁻, CD44^{hi}IL-4⁻ or CD44^{hi}IL-4⁺ CD4⁺ T cell subsets (as indicated) from a *Card11^{unm}* mouse, detected by *ex vivo* restimulation followed by intracellular cytokine staining.



Supplementary Figure 3 IL-4 production by CD4⁺ T cells from non-transgenic or OT-II TCR transgenic *Card11^{unm}* or control mice, detected by *ex vivo* restimulation followed by intracellular cytokine staining. Cells expressing the transgenic TCR are $V\beta5^+$.



Supplementary Figure 4 Reconstitution of the Foxp3⁺ population in *Card11^{unm}* mice following wild-type CD4⁺ T cell transfer. Percentage of Foxp3⁺ cells among lymph node CD4⁺ T cells from *Card11^{unm}* mice that were either untreated or injected i.v. with 10^6 sorted CD4⁺ T cells from a Ly5a donor 10 weeks prior.



Supplementary Figure 5 (**a**, **b**) Dilution of CFSE and production of IFN γ and IL-4 by wild-type or *Card11^{unm}* cells after culture of sorted naïve CD4⁺ splenocytes under Th0, Th1 or Th2 polarising conditions for five days. (**c**) Dilution of CFSE and production of IL-17 by wild-type or *Card11^{unm}* cells after culture of sorted naïve CD4⁺ splenocytes under Th0 or Th17 polarising conditions for three days. (**d**) Quantitation of the percentage of cytokine-producing cells at the endpoint of the Th1, Th2 or Th17 cultures (3 individual mice per genotype).

