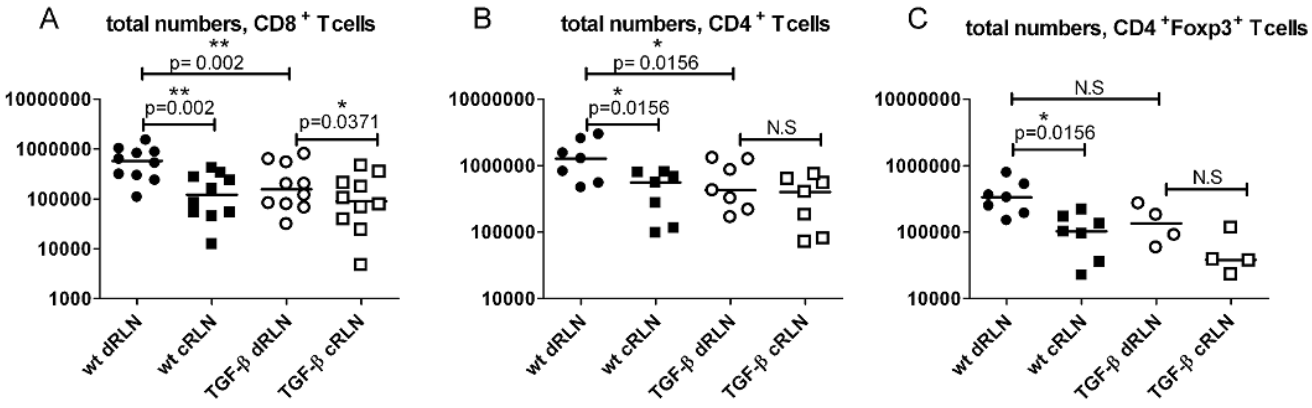
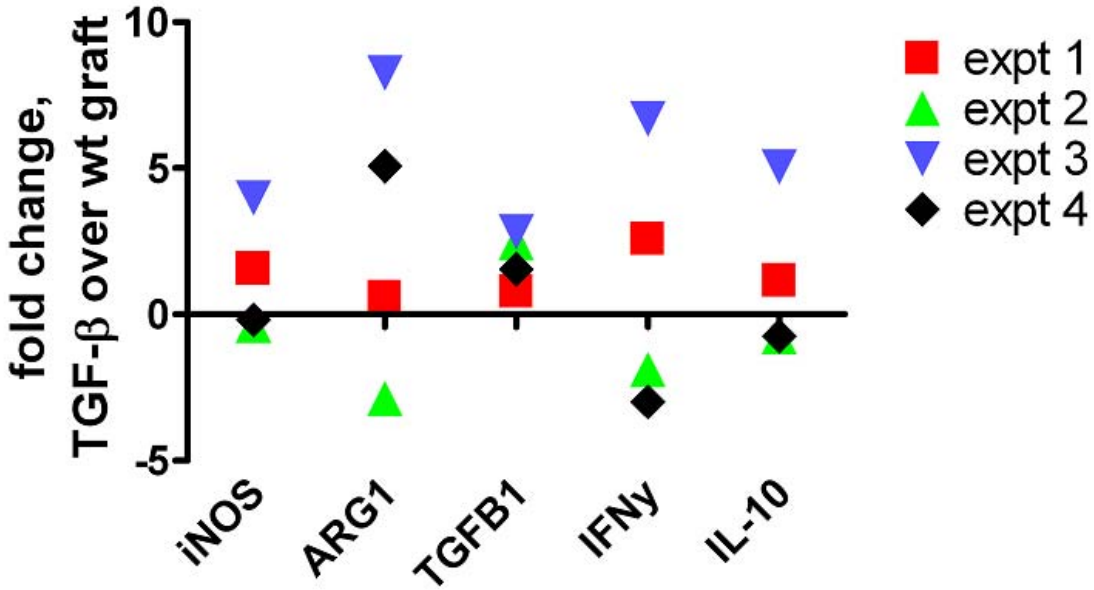
SUPPLEMENTARY DATA

Supplementary Figure 1. Lower absolute cell numbers in the draining lymph nodes of TGF-β-expressing grafts. Total numbers of **(A)** $CD8^+$ T cells, **(B)** $CD4^+$ T cells and **(C)** $Foxp3^+$ Treg cells retrieved from the graft draining renal lymph nodes (dRLN) of TGF-β-expressing grafts and those draining wt grafts. Each dot represents the result from one mouse, and differences between groups were assessed using the Wilcoxon signed rank test.

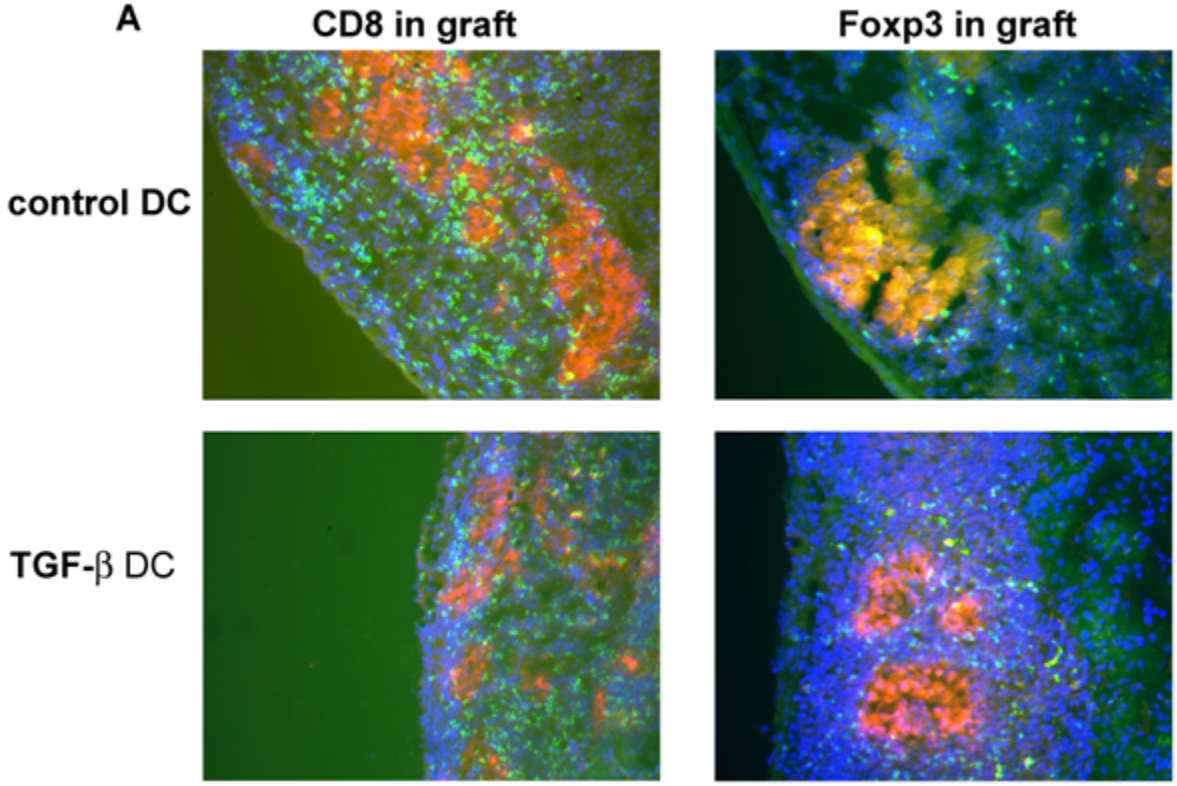


Supplementary Figure 2. Gene expression analysis of TGF-β expressing grafts compared to wt control grafts. Diabetic RIP-TNF NOD female mice received islet grafts either from Tet-TGF-β-NOD-*scid* mice or wt littermate controls, and 5 (expt 1) or 7 (expt 2, 3 and 4) days later the grafts were removed and cDNA was prepared from mRNA from the whole graft. The cDNA was assessed for levels of the indicated targets by PCR, with GAPDH assessed as a housekeeping gene. Results are presented as fold change expression in TGF-β expressing grafts compared to wt control grafts, i.e. ΔΔCt. Data from four experiments with a total of four TGF-β expressing grafts and four NOD scid grafts, one of each for each experiment, is shown.



SUPPLEMENTARY DATA

Supplementary Figure 3. Infiltration of $CD8^+$ T cells and $Foxp3^+$ regulatory T cells in grafts mixed with BMDC. Diabetic RIP-TNF NOD female mice received islet grafts mixed with either control DC (top panels) or TGF-β exposed DC (bottom panels). **(A)** 10 days after transplant the grafted kidney was harvested and sections were prepared. Staining was performed for insulin (red) and the indicated immune cell, either CD8 (left side panels) or Foxp3 (right side panels) (green). DAPI was used as a nuclear stain (blue). **(B)** Infiltration of grafts at later time points in mice that received islets mixed with control DC (top panels) when they became diabetic three weeks after transplant, or mice that received islets mixed with TGF-β exposed DC (bottom panels) that were still euglycemic 120 days post transplant (bottom panels). Staining was performed for insulin (red) and the indicated immune cell, either CD8 (left side panels) or Foxp3 (right side panels) (green). DAPI was used as a nuclear stain (blue) (B). **(C)**Three fields of vision were assessed for 2 mice from each group, and the numbers of infiltrating cells of the indicated subtypes were determined.



SUPPLEMENTARY DATA