



**Supplementary Figure 3** Treg and hematopoietic chimerism prevent skin-allograft rejection. (a,b) B6 hosts were sublethally irradiated, grafted with a mixture of B6 and DBA/2 bone-marrow cells (1:1 ratio), and injected or not (as indicated) with B6 Treg beforehand cultured in presence of DBA/2 APC. (a) Induced hematopoietic chimerism, as assessed at three weeks post-transplantation, by FACS analysis of PBMC. Indicated are the percentages of donor cells (H-2K<sup>d+</sup>) among PBMC. (b) Three weeks post grafting, DBA/2 skins were transplanted on the chimeras and their survival monitored macroscopically.  $\triangle$ ,  $n=3$ ,  $\bullet$ ,  $n=9$ . (c) B6 hosts were irradiated, injected with DBA/2 bone-marrow with ( $\bullet$ ,  $n=6$ ) or without ( $\triangle$ ,  $n=3$ ) Treg cultured *in vitro* with DBA/2 APC. Three weeks later, indicated skins were transplanted and their survival monitored for 250 days. (d) PBMC from mice treated as described in the legend of Fig. 2 were analyzed by FACS at 100 days post skin transplantation, the day mice were euthanized and biopsies taken for histological analysis. Indicated are the percentages of donor cells (H-2K<sup>d+</sup>) among PBMC. (e) DBA/2 mice were irradiated, grafted with B6 bone marrow, injected or not (as indicated) with Treg *in vitro* cultured with (B6 x DBA/2)F1 APC, and grafted, three weeks later, with indicated skins. Skin graft survival was monitored macroscopically.