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^d+) among PBMC. (b) Three weeks post grafting, DBA/2 skins were transplanted on the chimeras and their survival monitored macroscopically. △, n=3; ●, n=9. (c) B6 hosts were irradiated, injected with DBA/2 bone-marrow with (●, n=6) or without (△, 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^d+) 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.