Supporting Information

Thal *et al.* 10.1073/pnas.0802550106

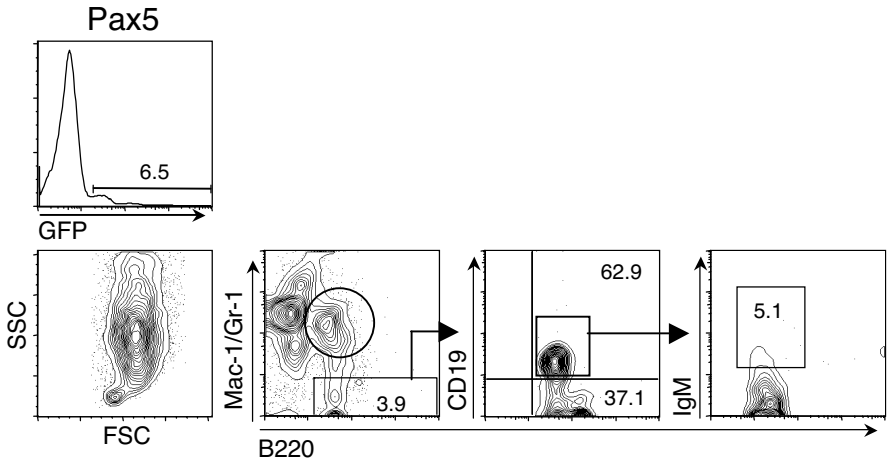

Fig. S1. Representative flow cytometric analysis of bone marrow from mice reconstituted with Pax5-expressing cells at 6 weeks PT ($n = 11$). Plots were first gated on GFP+ cells. IgM expression was analyzed on pro-B/pre-B cells. Numbers indicate percentages of total GFP+ cells. Circle indicates aberrant B220+Mac-1+Gr-1+ subset among GFP+ cells.

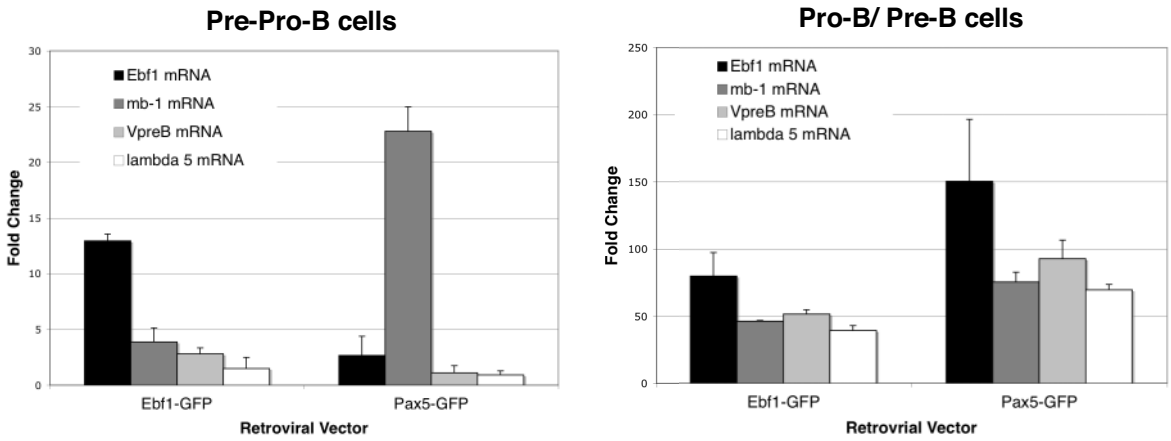

Fig. S2. Representative Real-time PCR analysis indicating the fold-increase in expression of B-cell-specific genes from FACS-sorted GFP+ prepro-B or pro-B/pre-B cells isolated from mice reconstituted with Ebf1 or Pax5-expressing cells at 6 weeks PT ($n \geq 2$). Data show relative expression compared to IL-7Rα-deficient prepro-B cells after normalization to HPRT. Error bars indication standard deviation for quadruplicate reactions using mRNA from one representative mouse per retroviral construct.

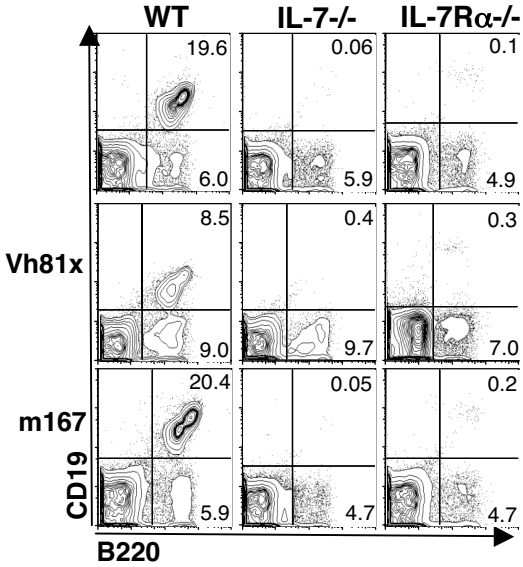

Fig. S3. IgH transgene (Vh81x or m167) expression does not rescue B cell development in IL-7- or IL-7Rα-deficient mice. Numbers indicate percentages of subsets within whole bone marrow. Data are representative of at least 5 mice per genotype.

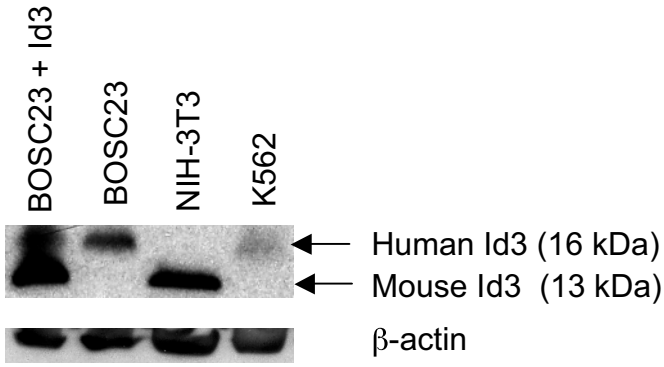

Fig. S4. Western blot analysis showing Id3 expression in BOSC23, NIH 3T3, and K562 cells. As a positive control, BOSC23 cells were transfected with the mouse Id3 retroviral construct. A 15% SDS/PAGE gel was used to separate the human and mouse Id3 bands.