



Figure 2. Transcriptional control of early lymphopoiesis. (A) Progenitors of the B- and T-cell lineages develop from the HSC under the control of the indicated transcription factors. (B) Pax5 activates B-cell-specific genes involved in (pre) B-cell receptor (BCR) signaling, and represses lineage-inappropriate genes of the myeloid (FcR γ , CSF1R) or T-lymphoid (Notch1, CD28, Grap2) pathways. See Revilla-i-Domingo et al. (2012) for a more complete list of regulated Pax5 target genes.