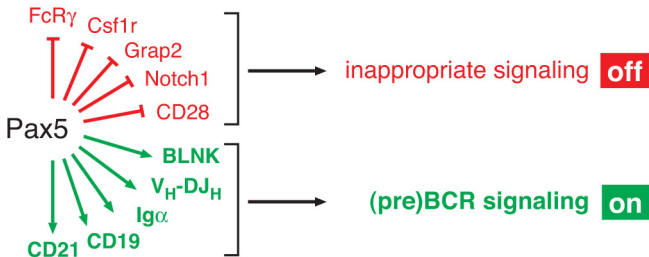


B-lineage-inappropriate genes



B-cell-specific genes

Figure 5. Dual Role of Pax5 in B-Cell Development

Pax5 activates B-cell-specific genes involved in (pre)BCR signaling and represses lineage-inappropriate genes which are essential for signal transduction in myeloid (FcR γ , Csf1r) or T-lymphoid (Notch1, CD28, Grap2) cells.