Supplemental Figure S10: Dynamics of broad H3K4me3 domains in a mouse model of T-ALL using Rag2-/- thymocytes as control. A) Western blot using an antibody against TLX3. The arrow indicates the expected size of the TLX3 protein. B) Overlap between the Broad H3K4me2 domains found in DN thymocytes from *Rag2*-/- mice (*Rag2*-DN) and *TLX3*+ leukemic cells (DN-*TLX3*). B) Boxplot showing the fold change of expression of Broad H3K4me3 domain associated genes only in DN-*TLX3* (gain) or *Rag2*-DN (loss) (left panel). Right panel: only the direct targets of TLX3 were analyzed. D) Two sets of equally expressed genes associated with broad (B) or sharp (S) H3K4me3 peaks in DN-*TLX3* cells were defined. The fold change of the expression between DN-*TLX3* and *Rag2*-DN was determined. E) GO-terms enrichment of genes associated with Broad H3K4me3 domain only in DN-*TLX3* (gain) or *Rag2*-DN (loss). The inverted $\log_{10}$ of the Benjamin-corrected *P* value is shown. Significance in C and D was assessed by a Wilcoxon test.