



Figure S1: $\beta 7$ integrin is expressed on different hematopoietic cells including HSC. Single cell suspensions from BM (A), thymus (B), spleen (C) and lymph nodes (axial, inguinal, paraaortical; D) were prepared from wild type and $\beta 7^{-/-}$ mice and stained with antibodies against $\beta 7$ integrin, B220, Gr-1, Ter119, CD4, and CD8. Stem cells were identified as lineage (CD4, CD8, B220, Mac1, Gr-1, Ter119)⁻ c-kit⁺ Sca1 high. Representative histogram overlays show the $\beta 7$ integrin expression on indicated subsets of hematopoietic cells (filled). The lines indicate the antibody signal of the respective cell population in $\beta 7^{-/-}$ mice, which was used as negative control.