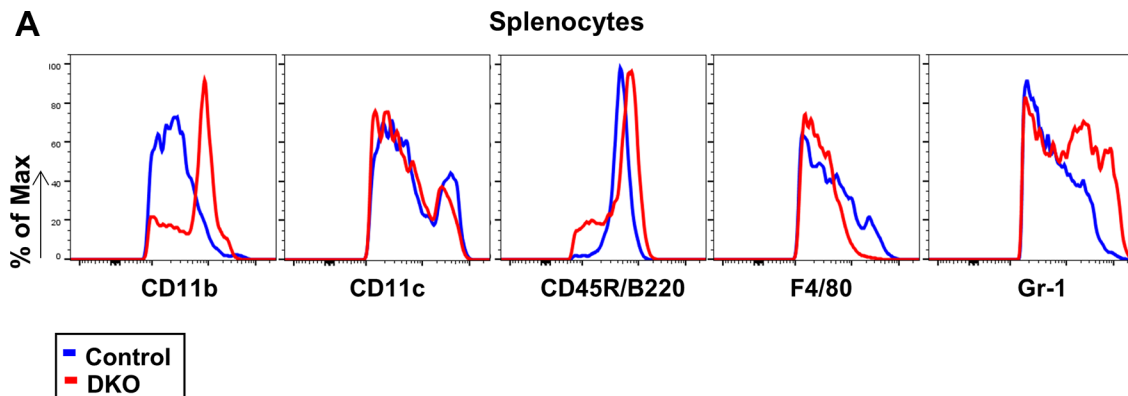


A novel *CBL-B^{flox/flox}* mouse model allows tissue-selective fully conditional *CBL/CBL-B* double-knockout: CD4-Cre mediated *CBL/CBL-B* deletion occurs in both T-cells and hematopoietic stem cells

Supplementary Materials



Supplementary Figure S1: Splenic Non-T cell lineages were impacted by CD4-Cre. (A) Representative histograms for FACS analysis of non-T cell marker expression in the spleen of Control and DKO mice.

Supplementary Table S1: Genotypes of mice used in this paper

Strain designation	Genotype
WT	C57/B6
Control	<i>CBL^{flox/flox} CBL-B^{flox/flox}</i>
CBL/CBL-B DKO	<i>CBL^{flox/flox} CBL-B^{flox/flox} CD4-Cre^{Tg/0}</i>
CBL/CBL-B DKO mT/mGFP	<i>CBL^{flox/flox} CBL-B^{flox/flox} CD4-Cre^{Tg/0} mT/mG</i>

Supplementary Table S2: Genotyping primers

Target Allele	Forward 5'-3'	Reverse 5'-3'
CBL floxed	GTGGTGGCTTGCAATTATAATCCTACCACT-TAGG	GTTTGAGATGTCTGGCTGTGTACAC-GCG
CBL-B floxed	GGCAGAACCACTGAGACACATTTA	GGCTGCCAAACTGCTACCCAGGAG
CD4-Cre	GCGGTCTGGCAGTAAAACTATC	GTGAAACAGCATTGCTGTCACTT
Rosa 26 – mT/mGFP	CTCTGCTGCCTCCTGGCTTCT	TCAATGGGCGGGGGTTCGTT

Supplementary Table S3: Primers used for quantitative real-time PCR

Target	Forward 5'-3'	Reverse 5'-3'
CBL	AGCTGATGCTGCCGAATTT	TTGCAGGTCAGATCAATAGTGG
CBL-B	GGAGCTTTTTGCACGGACTA	TGCATCCTGAATAGCATCAA
CD4	GAGAGTCAGCGGAGTTCTC	CTCACAGGTCAAAGTATTGTTG
LCK	CGCATGGTGAGACCTGACAA	TCCGAAGGTAGTCAAACGTGG
CD3	TGCCTCAGAAGCATGATAAGC	GCCCAGAGTGATACAGATGTCAA
GAPDH	CCTGGAGAAACCTGCCAAGTATG	AGAGTGGGAGTTGCTGTTGAAGT