SUPPLEMENTAL MATERIAL

Xu et al., https://doi.org/10.1084/jem.20160923

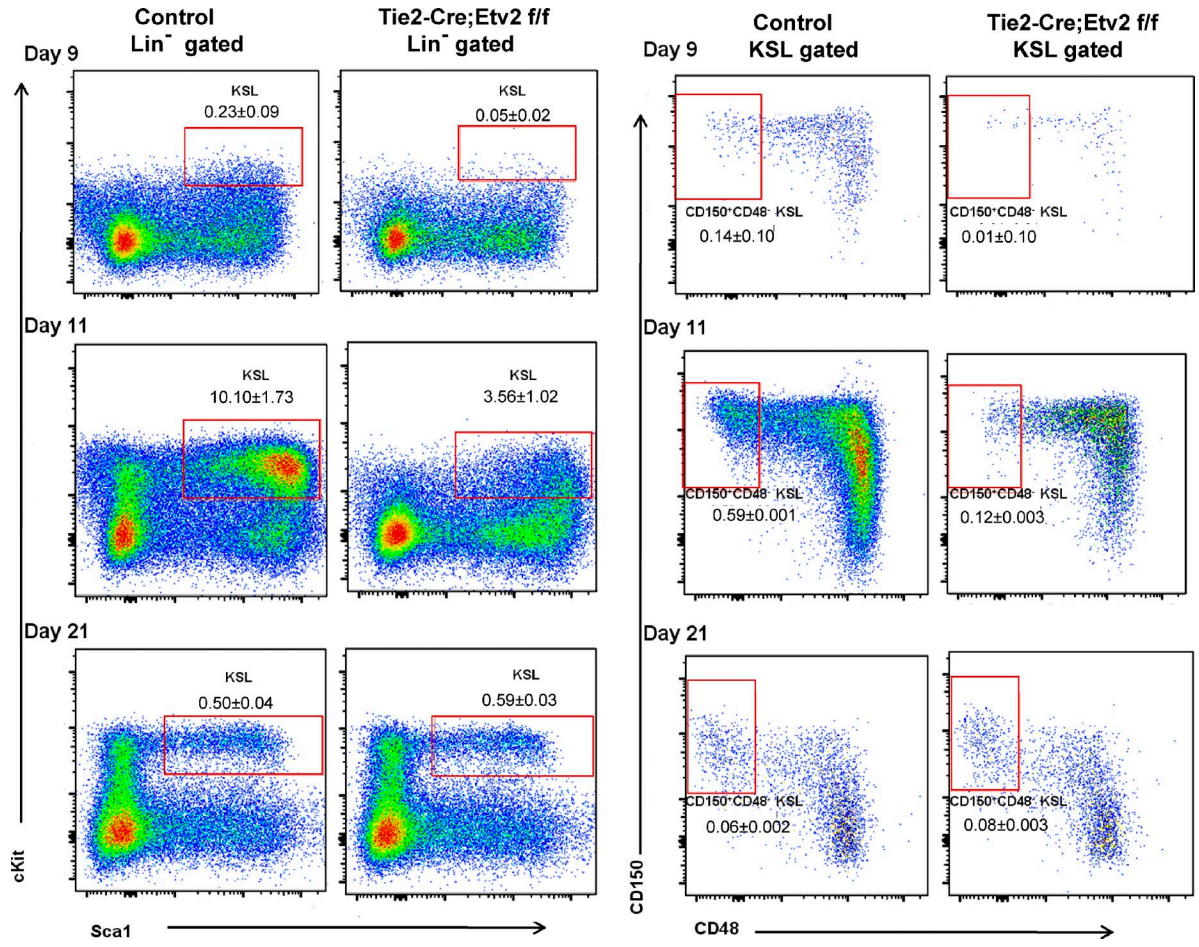
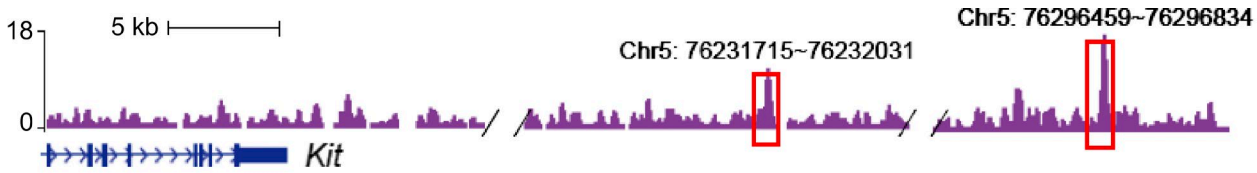


Figure S1. ***Etv2* CKO mice display defects in hematopoietic recovery after 5-FU injury (related to Fig. 2).** Representative FACS plots of the KSL ($c\text{-}Kit^+Sca1^+Lin^-$) and KSL-SLAM ($CD48^-CD150^+$ KSL) analysis in Tie2-Cre;*Etv2* CKO or control mice after 5-FU treatment are shown. Numbers in the boxes indicate the frequency of KSL cells (left) and $CD150^+CD48^-$ KSL cells (right).



Peak position	Peak associated Gene Symbol	Transcript Chromosome	Transcript Start	Transcript Stop	Strand	Distance to TSS	Peak Seq
Chr5: 76231715-76232031	Kit	5	75971011	76052746	+	+260861	CGTAATCCCAGATCAGGTTTGAATCAAATAAATGACACATGACGCGG TGGCCAGATGTTCGCGGGTGAGAACCGGAGCTAAGTTCACACAATT GTTCTGCCTCCTCGCTTTCCGCCGAGGTTCTTTCCTGTGGGCTGGAG ATGGTATTGGCAGCAGCTTGGCTCCGCTCTCCTCCACCGCCAGCCCA GCCTGTGCTCCAGGGGCTGCTCGCAGGCTGCCTTCCTCTTCCTGTGC AGCTGGTGTTTGCAGAAGGACGCGATTTGGAAGTTGATTTATTTACT TTGCTTTATTTATTTTTTTTTATGAATGGACATAG
Chr5: 76296459-76296834	Kit	5	75971011	76052746	+	+325635	CATTCCCGACGAGGGTGATTAAAATGTTCCCCAGGGTCAGTTCTACA GAGGACAAGAGAAACTCACTCTCCAGCCGCTCCTTATCAGTGAAAAC AGCAGTGCTCAGCAGCCATGCAACTCTGCTTGAGCTGTCCCTCCTAG TCTTTCCAGCCTCTCTATCTCCCCTGGATCTTTAAATCCTCCAGGATTT CAGACCAGGCAGTGTTGCTCATGGTGTAGAACTCTGAACAGGAAGT GGGGAAGAATTTCCTGTCCTGCTTGTGGCCATCAGCGCGCTGTTTTC TAGGGCCTCACCTTTCCGTTTTGTTAGCTGGGGTTGACAGCGTTCTG AACTCACTCATCGCCCTCAGCTCCTTTCCCCTCCTGGGGATTATG

Figure S2. **The potential binding sites of ETV2 in the c-Kit locus are shown (related to Fig. 5).** Two potential ETV2-binding peaks and the corresponding sequences, identified from the ChIP-Seq analysis, are shown (Liu et al., 2015). TSS, transcription start site.

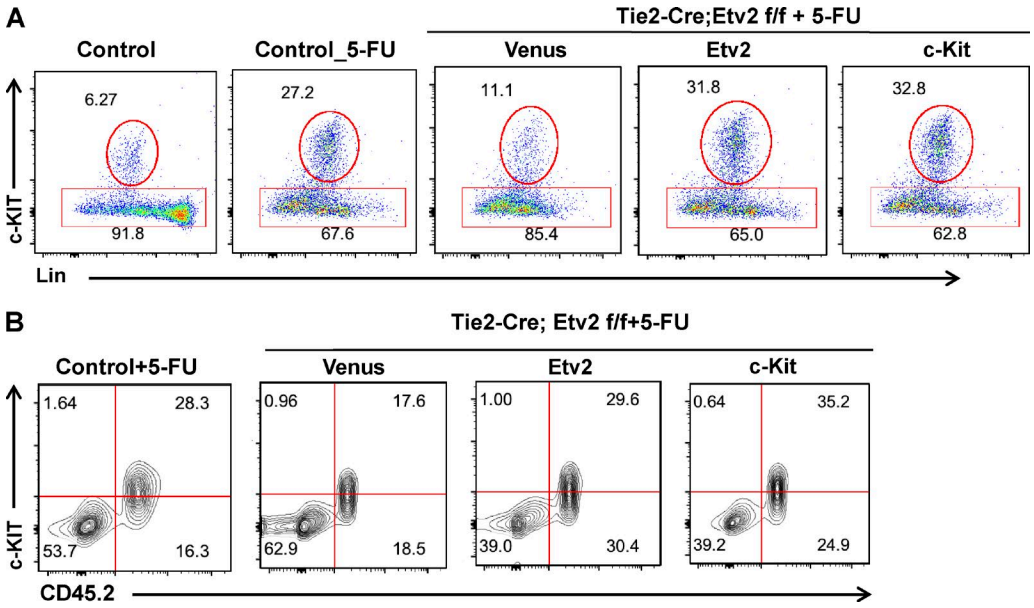


Figure S3. **c-Kit is downstream of ETV2 in hematopoietic regeneration (related to Fig. 5).** (A) Representative FACS plots showing the percentage of c-KIT^{+}Lin$^{low/-}$ cells recovered from the culture after infection with lenti-Venus, -Etv2, or –c-Kit virus. (B) Representative FACS plots showing the percentage of donor contribution and CD45.2 and c-KIT^{+} cells is shown. BM from Tie2-Cre;Etv2$^{f/f}$ mice were obtained 7 d after 5-FU injection, infected with lenti-Venus, -Etv2, or –c-Kit, and then competitively transplanted with mock-infected WT BM into 9 Gy–irradiated recipient mice (CD45.1). Littermate control BM was used as the positive control. BM was analyzed 3 d later.