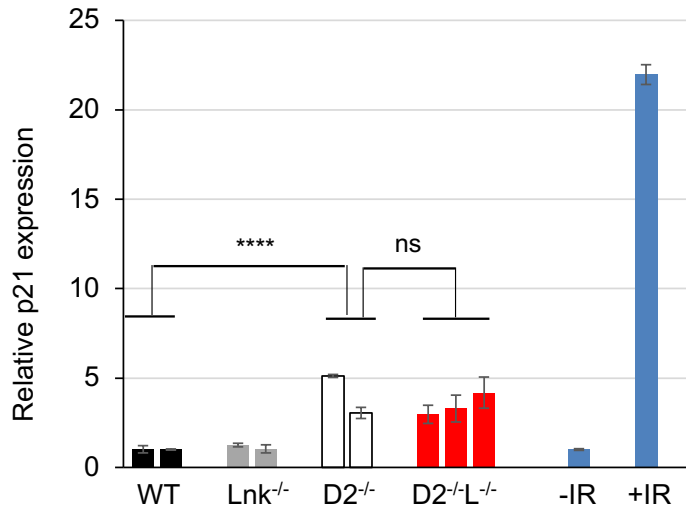


Supplemental information for

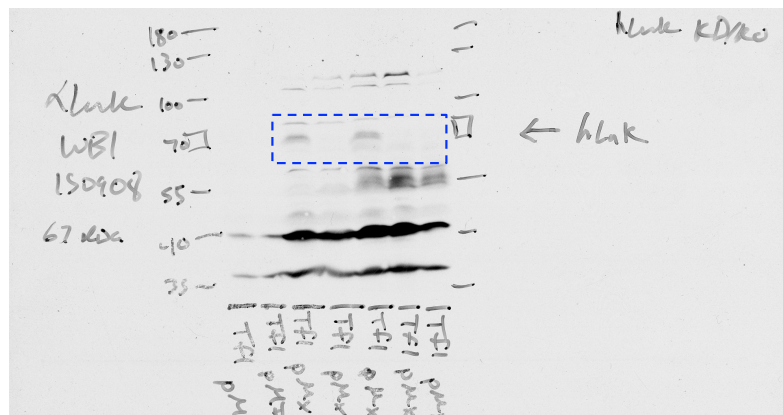
***Lnk/Sh2b3* Deficiency Restores Hematopoietic Stem Cell Function and Genome Integrity in
Fancd2 Deficient Fanconi Anemia**

Joanna Balcerek *et al.*

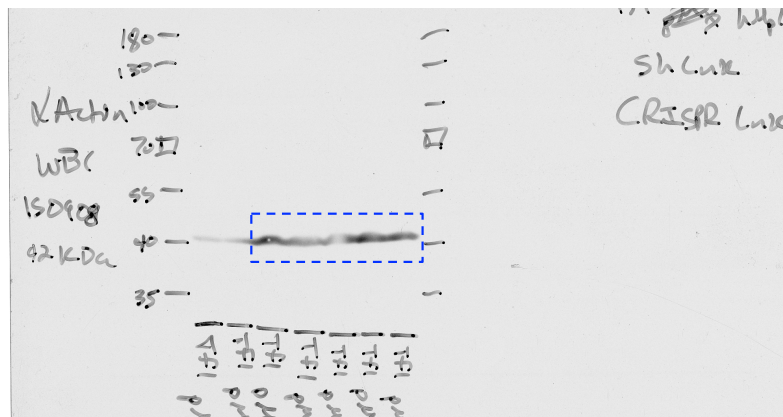


Supplemental Figure 1: *Fancd2* deficiency modestly induces p53 and *Lnk* deficiency does not mitigate p53 activation at the steady-state *in vivo*. LSK cells were sorted from WT, *Fancd2*^{-/-} (*D2*^{-/-}), *Lnk*^{-/-} (*L*^{-/-}) and *Fancd2*^{-/-};*Lnk*^{-/-} (*D2*^{-/-}*L*^{-/-}) mice. The expression of p53 target gene p21 was measured by qRT-PCR. The relative p21 expression was first normalized against Ub-C internal control followed by normalization to WT levels. One hour post with or without irradiation (+IR and -IR) are used as controls. Each bar represents individual animal and mean±SE of triplicates is shown. **** p<0.0001, determined by two-tailed student's t-test are shown. ns: not significant.

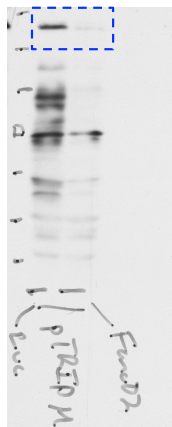
LNK Blot



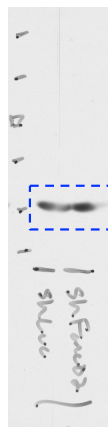
Actin Blot



FANCD2 Blot



Actin Blot



Supplemental Figure 2: Uncropped scans for Western blots shown in Figure 7C.