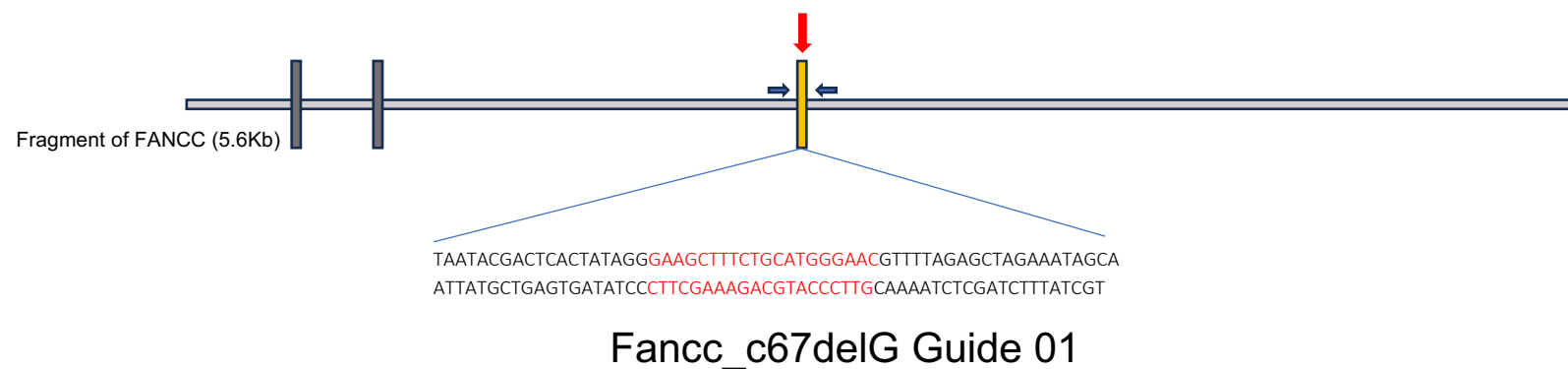


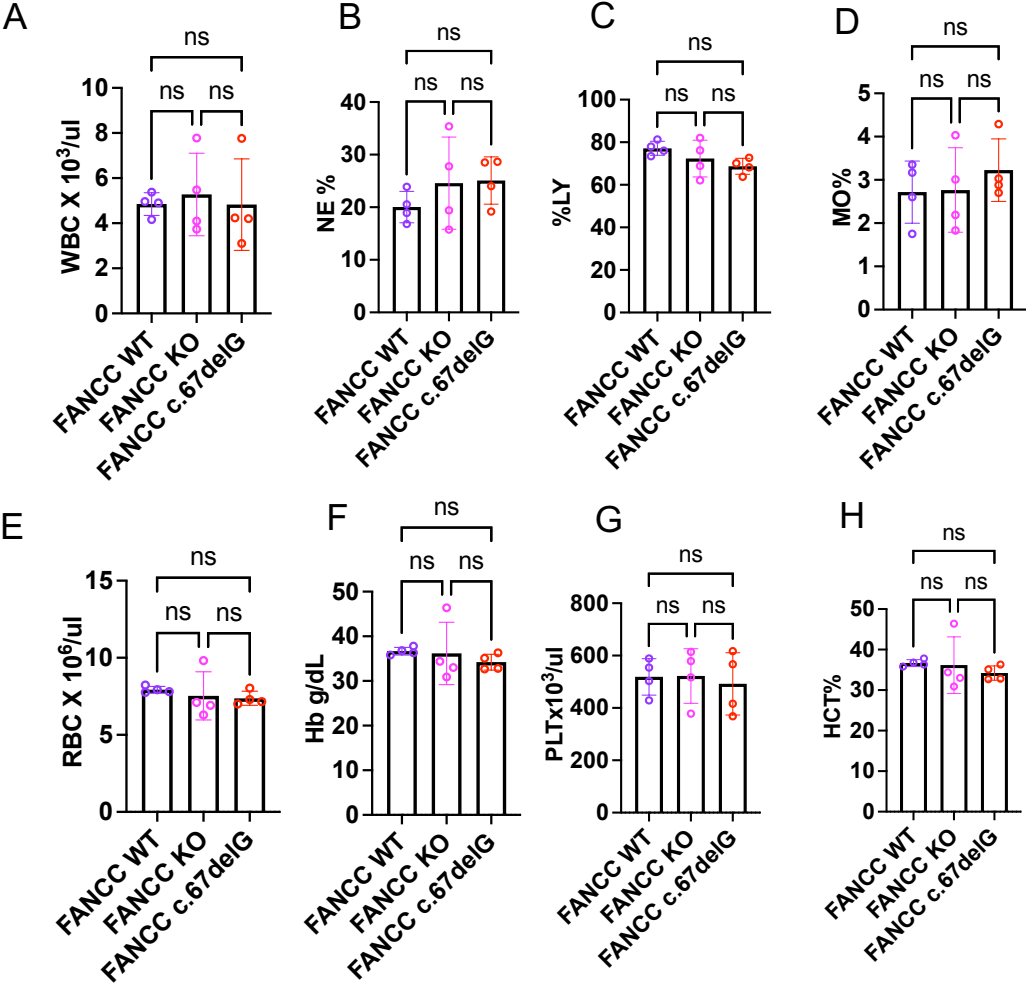
Supplementary Fig S1



Supplementary Fig 1. Generation of FANCC67delG mutant mice:

(A) Schematic representation of the mouse FANCC gene, the sgRNA, and HDR template used to introduce the premature stop codon and an alternate start codon at position 55. Red arrowheads indicate the location of Cas9 cleavage site in the FANCC gene, immediately downstream using FANCC c67delG_Guide 01. Gray boxes indicate exons, gray lines indicate introns. Blue arrows represent the genotyping primers. Guide target sequence which is antisense of the gene is in red. The PAM sequence is indicated in bold.

Supplementary Fig S2



Supplementary Fig 2: Complete blood counts from peripheral blood (n=4) (A) WBC, (B) Neutrophils NE, (C) Lymphocytes LY, (D) Monocytes (MO), (E) RBC, (F) Hb, (G) PLT and (H) HCT. Statistical analysis was performed using one-way ANOVA followed by Tukey's multiple comparisons test, *P< 0.05, **P <0.01, ***P< 0.001 and ****P< 0.0001.