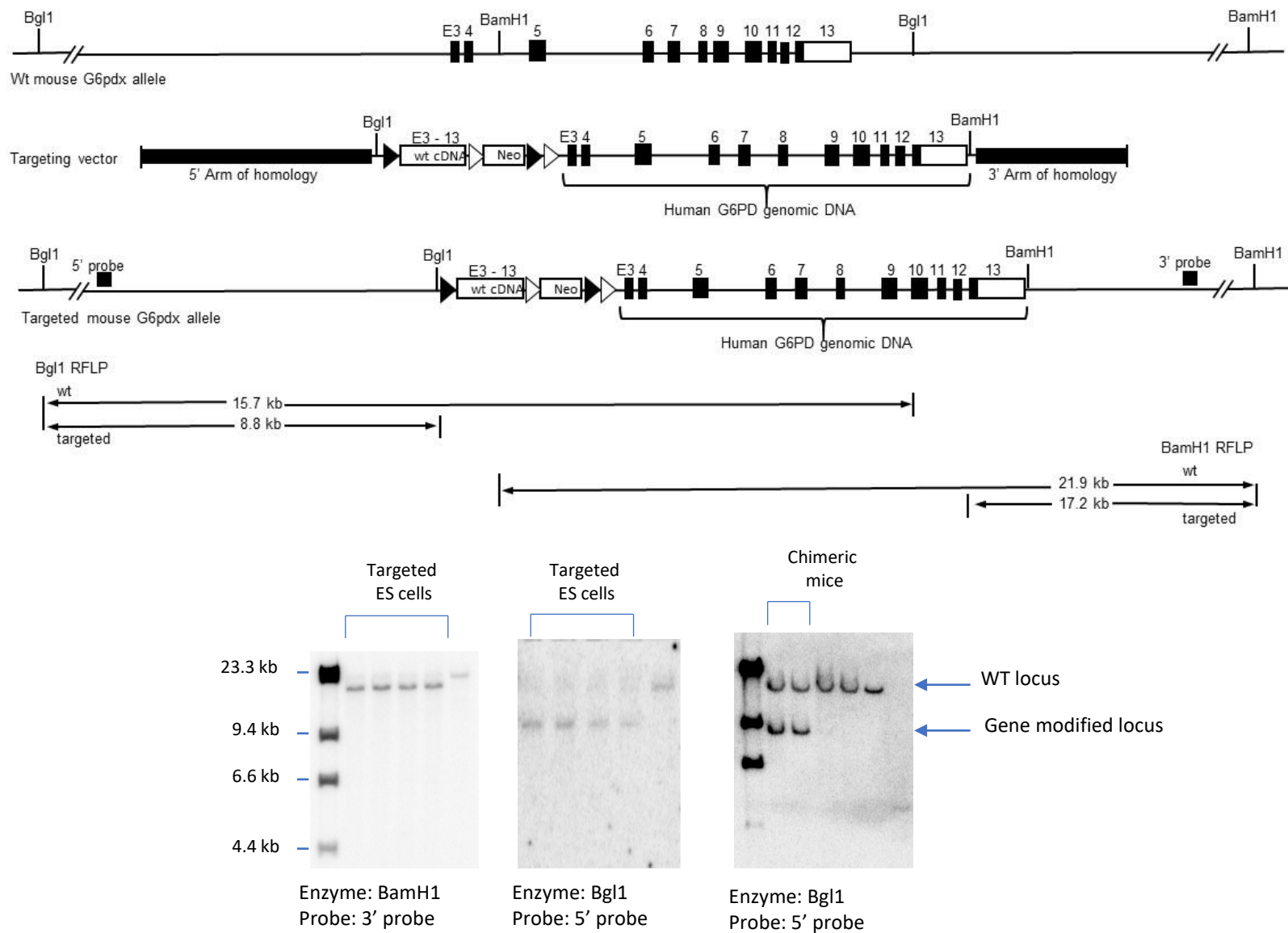
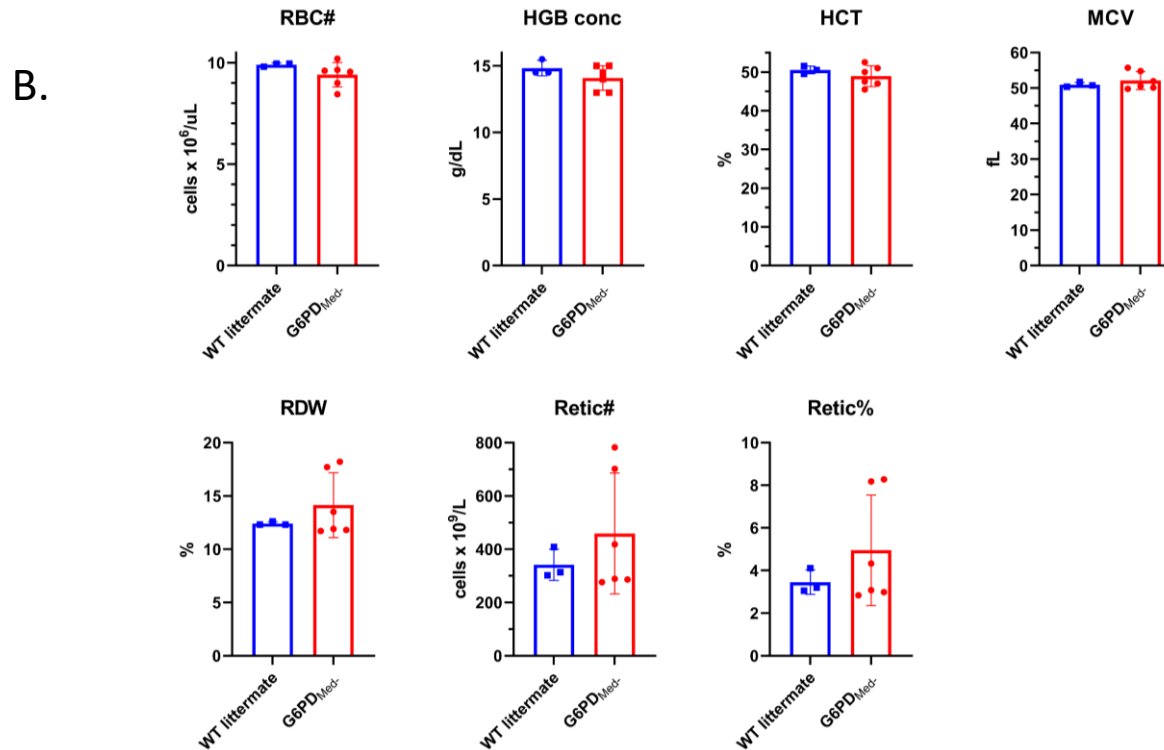
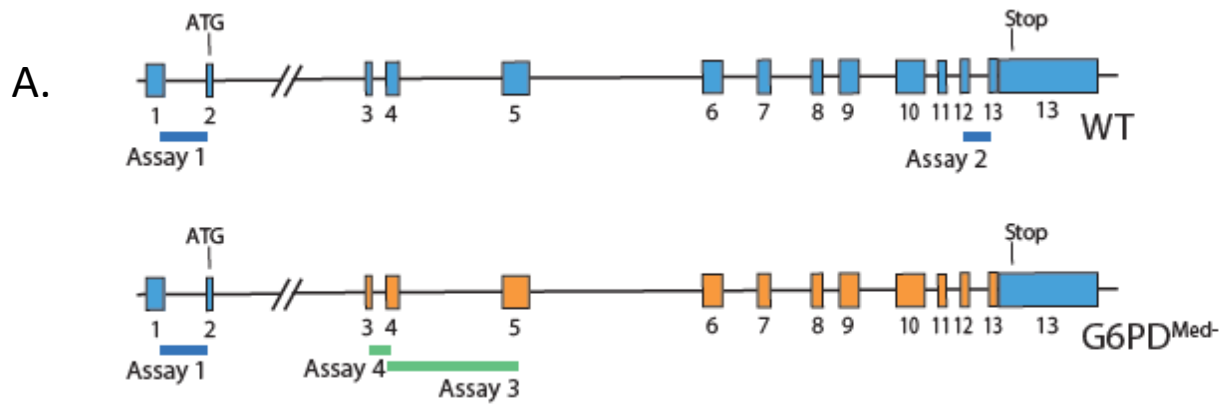




Supplemental Figure 1. The schematic shows restriction sites in wild-type (Wt) and gene modified loci. Southern blot analysis of ES cells and the final mice demonstrate homologous recombination and the absence of any random integration.



Supplemental Figure 2. (A) Schematic of wild-type (WT) and G6PD_{Med-/-} Genes indicating the location of allele specific probes. **(B) Values** of indicated blood parameters. All bar graphs represent means with SD, no significant differences were observed by Welch's t-test (assumption of Gaussian distribution and unequal SDs)

