

Figure S6. *Paxx*^{-/-} *Xlf*^{-/-} mice show a synthetic lethal phenotype. A) Photograph of 5 days old *Paxx*/*Xlf* mutants of the selected genotypes. Arrow indicates *Paxx*^{-/-} *Xlf*^{-/-} double mutant mouse. *Paxx*⁺ genotype refers to a combination of *Paxx*^{+/+} and *Paxx*^{+/-} mice. B) Bar graphs presenting the body weight of the *Paxx*^{-/-} *Xlf*^{-/-} mouse as compared to age matched *Paxx*^{+/+} *Xlf*^{+/+} (n=4) and *Paxx*^{+/+} *Xlf*^{-/-} (n=4) controls at 10 days of age, as well as the weight of the spleen relative to their body weight. C) Bar graphs presenting the spleen cell counts of the *Paxx*^{-/-} *Xlf*^{-/-} mouse as compared to age matched *Paxx*^{+/+} *Xlf*^{+/+} (n=4) and *Paxx*^{+/+} *Xlf*^{-/-} (n=4) controls at 10 days of age, before or after red blood cell (RBC) lysis (log10 scale).

