



**Supplementary Figure 1:**

- Graphical representation of the DOCK2 protein structure indicating the sites of the ENU-induced mutations
- Quantification of the white cell count and differential in the peripheral blood for wild type, heterozygous and mutant mice. Statistical analysis by one way ANOVA with Tukey's multiple comparison test. \* $<0.05$ , \*\* $<0.005$
- Representative flow cytometry plots (left) and quantitation (right) of marginal zone B cells in the spleen of wild type (white) and mutant (black) mice. Statistical analysis was done by unpaired t-test. \*\*\*\* $p<0.0001$ .
- Number of thymic NKT cells. Dots represent individual mice, and the mean is indicated by the bar. Statistical analysis by unpaired t-test.