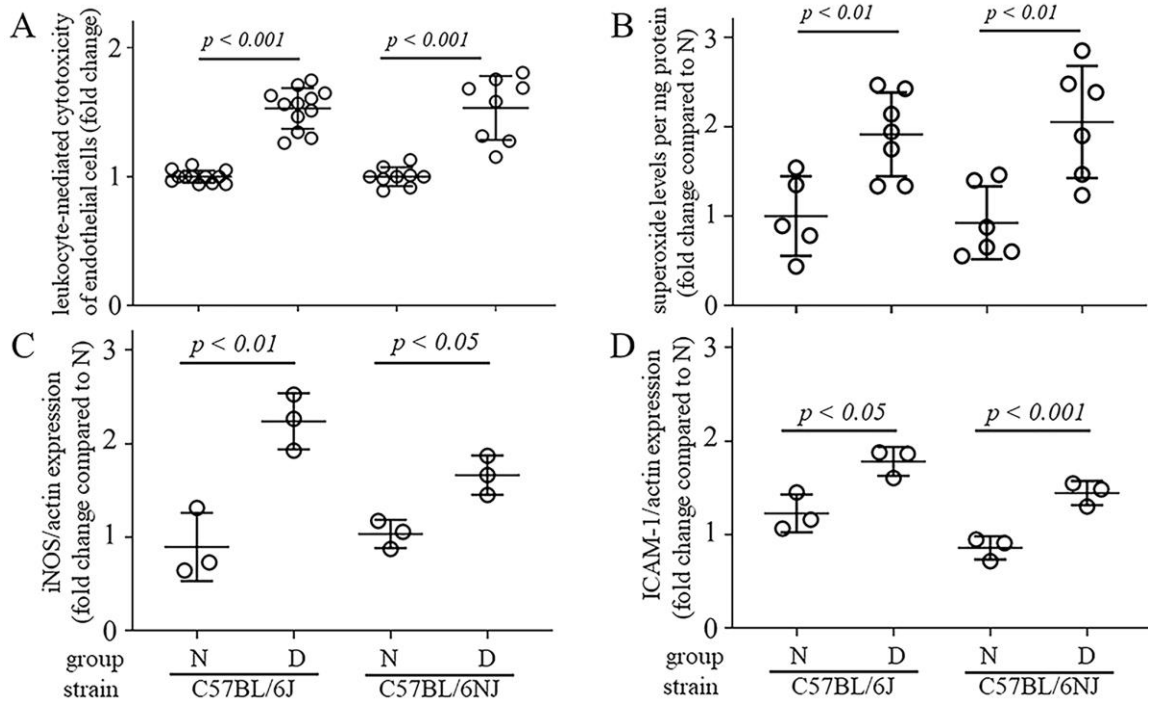
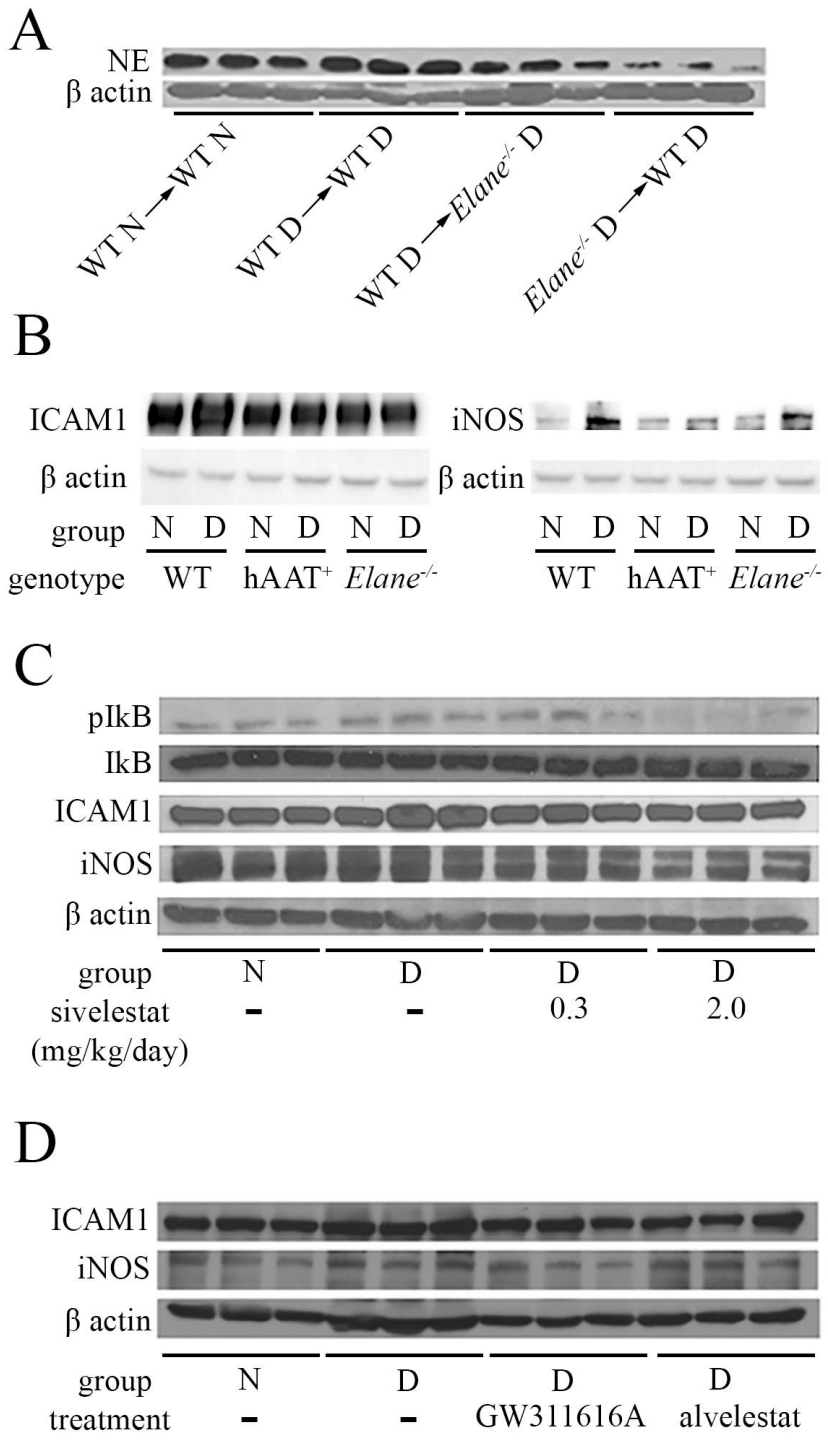


Supplemental Figure 1. Similarity of responses of the inbred mouse strain C57BL/6J and C57BL/6NJ to diabetes. Leukocyte-mediated cytotoxicity towards retinal endothelial cells (A), superoxide production (B) and the diabetes-induced increase in retinal expression of inflammatory proteins (C and D) was significantly increased in diabetic mice when compared to non-diabetic mice of the WT-6NJ strain, paralleling the results obtained from the WT-6J strain. Duration of diabetes was 8 weeks. N, nondiabetic; D, diabetic. Data are normalized to N and expressed as mean ± SD. Graphs represent the combined results of 2-3 experiments. n=3-12 per group. $p<0.05$ is significant.



Supplemental Figure 2. (A) Western blot of NE in myeloid cells showing successful generation of forward and reverse bone marrow chimeric mice. The expression of NE in myeloid cells isolated from *Elane*$^{-/-}$ D→WT D chimeras was significantly less than in WT

D→ *Elane*$^{-/-}$ D mice and WT D→WT D mice. (B-D) Representative western blots showing the diabetes-induced increase in the expression of inflammatory proteins. Blots were probed against β-actin as loading control. Blots in B were used to generate graphs in Figure 4, and blots in C and D were used to generate graphs in Figure 7.