Supplementary Figure 1

**A**

Western blot analysis showing the expression of CAII (25 kDa) and β-actin (25 kDa) in ae3+/+ and ae3−/− mice under different conditions: CON, ANG II, and PE. The image shows a clear increase in CAII expression in both genotypes under ANG II and PE treatments compared to CON.

**B**

Bar graph depicting the expression of CAII as a percentage of the untreated WT (ae3+/+) condition. The graph shows a significant increase in CAII expression in both ae3+/+ and ae3−/− mice under ANG II and PE treatments compared to CON. The asterisks indicate statistical significance (*p < 0.05).