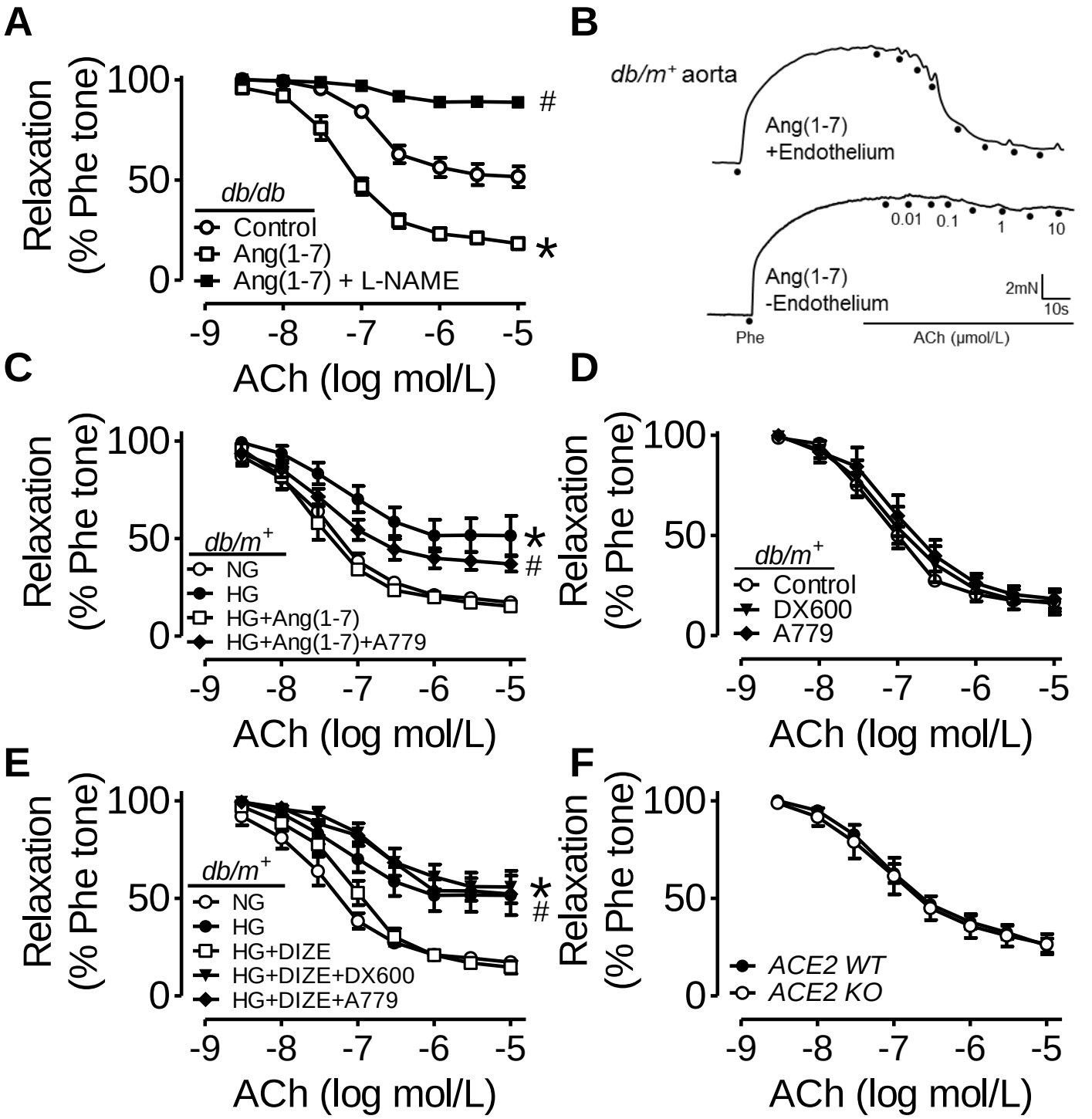
Supplementary Fig. S3



Supplementary Fig. S3. (A) ACh-induced EDRs in isolated mouse aortas from *db/db* mice following 24-hour exposure to Ang(1-7) (1 μmol/L) and Ang(1-7) plus L-NAME (5 μmol/L). **(B)** The representative traces of ACh-induced EDRs in *db/m*$^+$ mouse aortas with/without endothelium following 24-hour exposure to Ang(1-7) (1 μmol/L). ACh-induced EDRs in *db/m*$^+$ mice following **(C, E)** 48-hour exposure to normal glucose (NG, 5 mmol/L), high glucose (HG, 30 mmol/L), HG plus relative drugs (DIZE: putative activator of ACE2) and **(D)** 48-hour exposure to ACE2 inhibitor DX600 (1 μmol/L) or Ang(1-7) antagonist A779 (1 μmol/L). **(F)** EDRs in aortas from ACE2 wild type (*ACE2 WT*) and ACE2 knockout (*ACE2 KO*) mice. Data are means±SEM of 5-6 mice. **(A)** *p<0.05 vs Control, #p<0.05 vs Ang(1-7); **(C)** *p<0.05 vs NG, #p<0.05 vs HG+Ang(1-7). **(E)** *p<0.05 vs NG, #p<0.05 vs HG+DIZE.