



**Figure 7: figure supplement 1: Gene expression profile in the mesenteric isolated from mice lacking membrane-ER $\alpha$**

RT-qPCR gene expression analysis of mesenteric resistance arteries isolated from male C451A-ER $\alpha$  and WT mice. Means  $\pm$  SEM are shown (n=5 WT and 7 C451A-ER $\alpha$  mice per group).

NS, two-tailed Mann-Whitney test, C451A-ER $\alpha$  versus WT mice.