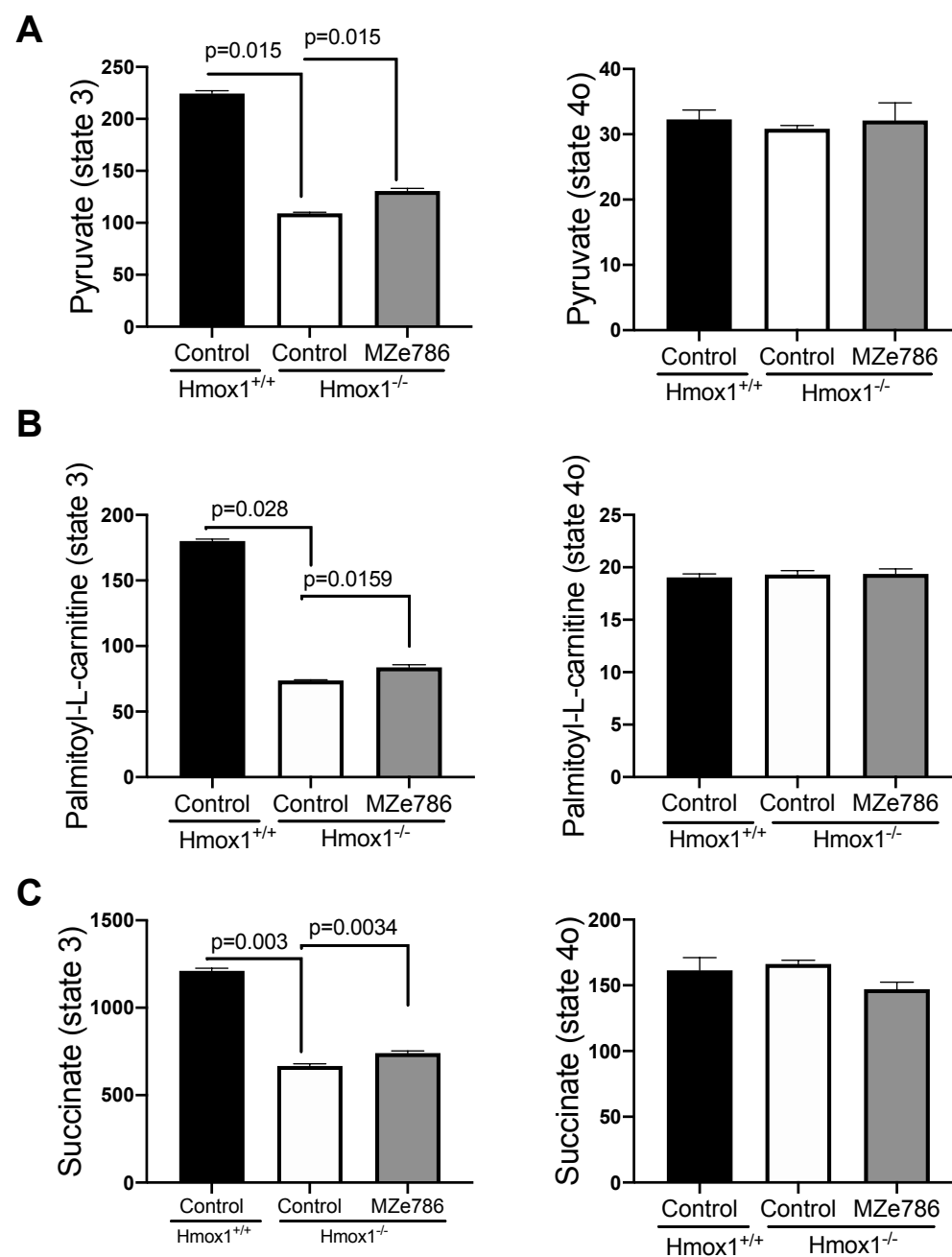
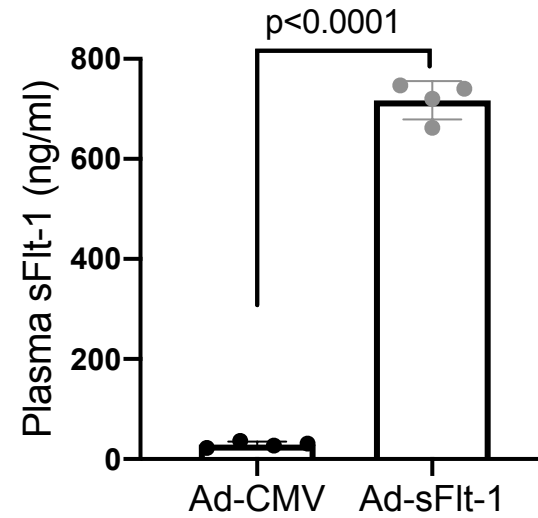


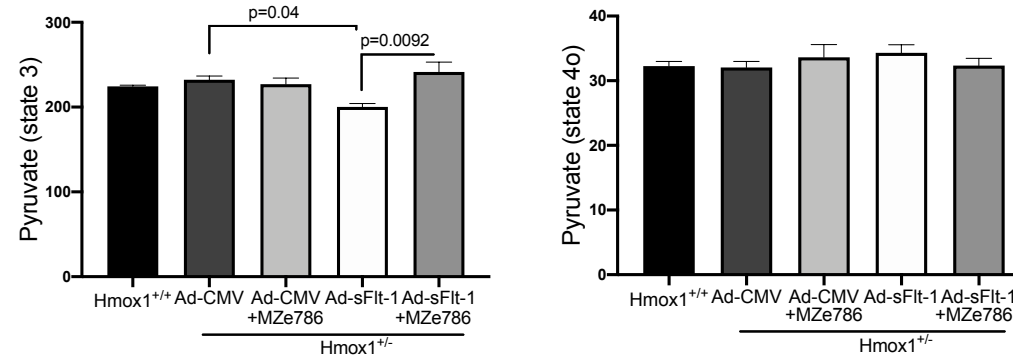
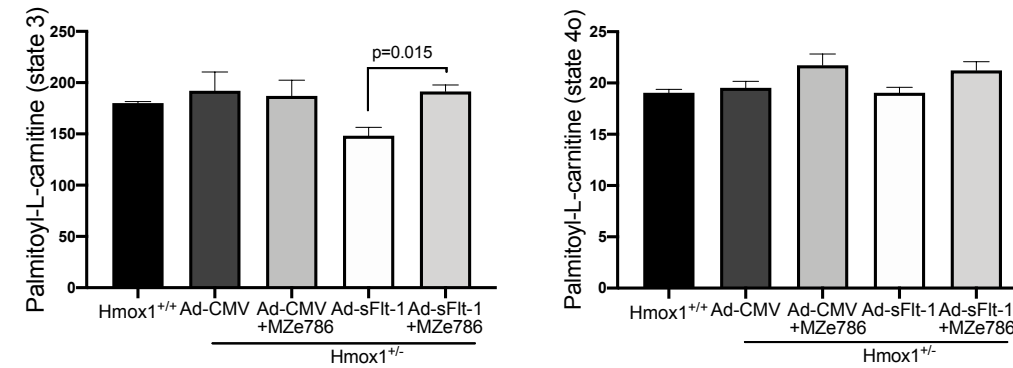
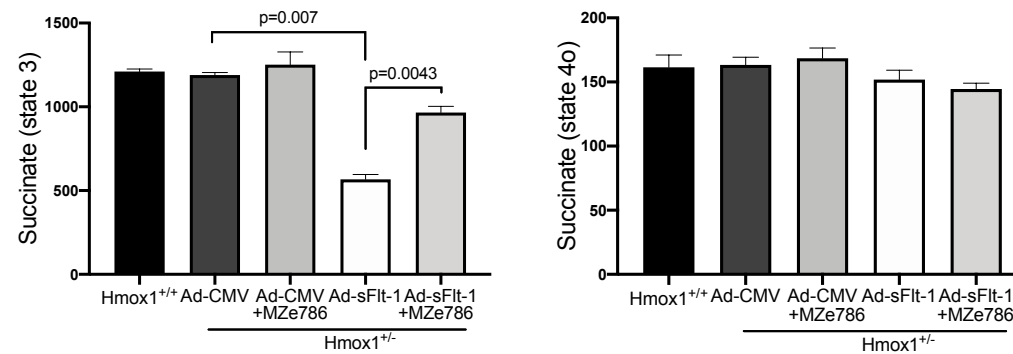
Supplementary Figure 1. Chemical structure of H₂S releasing aspirin, MZe786 [2-acetyloxybenzoic acid 4-(3-thioxo-3H-1,2-dithiol-5-yl)phenyl ester].



Supplementary Figure 2. Respiration parameters from Hmox1 deficient mice. Oxygen consumption rates representative of ADP-stimulated (state 3) and non-ADP-stimulated (state 4o) respiration in cardiac isolated mitochondria in response to substrates (A) pyruvate, (B) palmitoyl-L-carnitine and (C) succinate. n=4.



Supplementary Figure 3 . Plasma level of sFlt-1 six days post-injection. *Hmox1*^{+/-} mice were injected with either Ad-CMV or Ad-sFlt-1 via tail-vein injection and the plasma level of sFlt-1 were measured by ELISA. Values are expressed as means \pm SEM. Values in B are expressed as median and whiskers represent maximum and minimum values. n=4.

A**B****C**

Supplementary Figure 3. Respiration parameters from Hmox1^{+/-} mice. Oxygen consumption rates representative of ADP-stimulated (state 3) and non-ADP-stimulated (state 4o) respiration in cardiac isolated mitochondria in response to substrates (A) pyruvate, (B) palmitoyl-L-carnitine and (C) succinate. n=4.