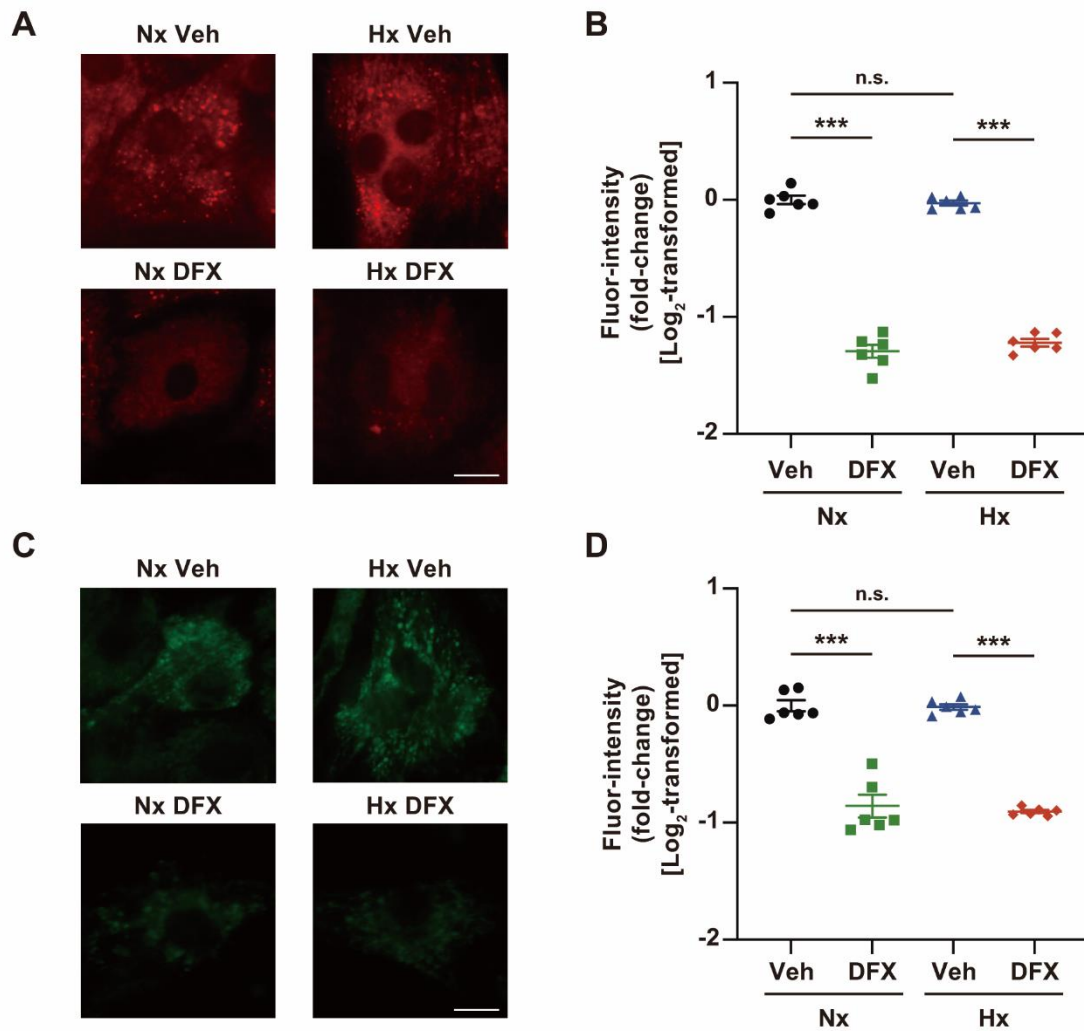


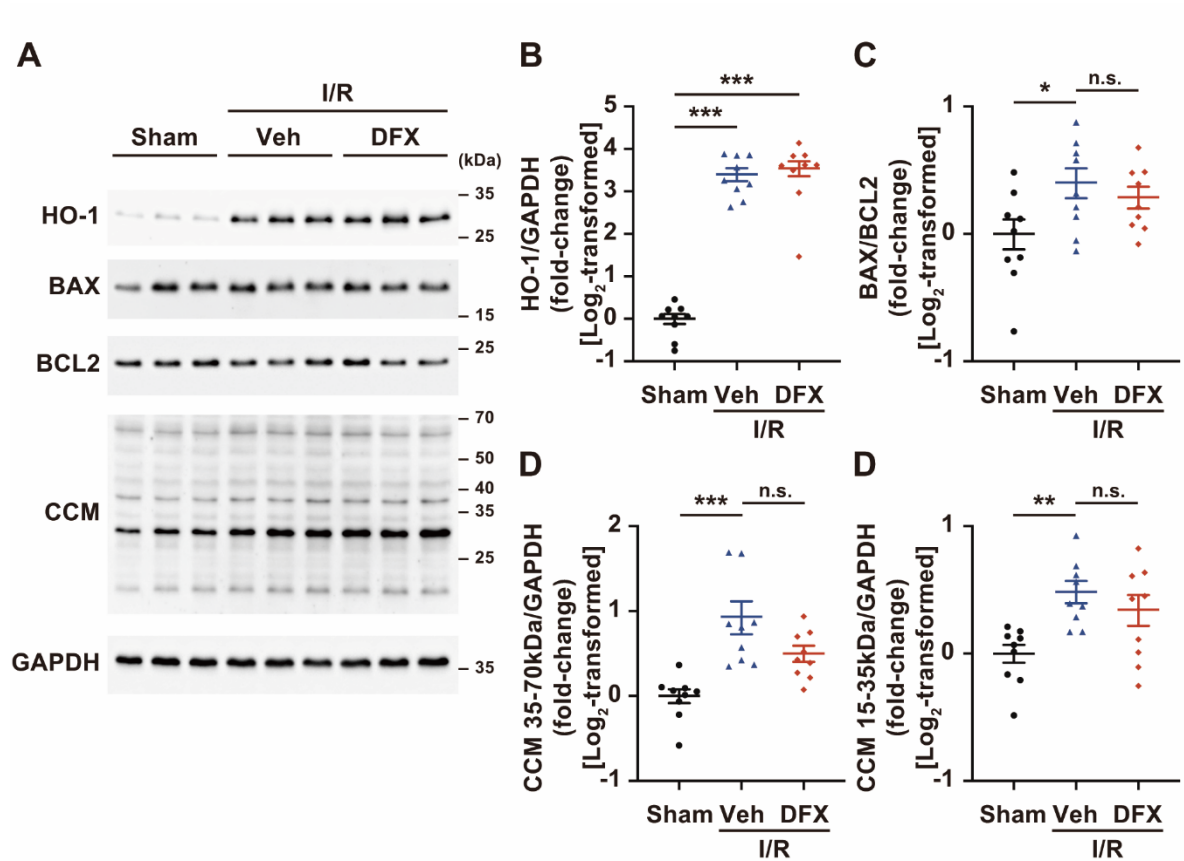
SUPPLEMENTAL MATERIAL

Figure S1. Cytoplasmic and mitochondrial iron levels after hypoxia and treatment with vehicle (Veh) or deferasirox (DFX).



A, Cytoplasmic iron, fluor-stained with FerroOrange. Scale bar: 10 μ m. **B**, Quantification of fluor-intensity, stained with FerroOrange (n = 6, each group). **C**, Mitochondrial iron, fluor-stained with MitoFerroGreen. Scale bar: 10 μ m. **D**, Quantification of fluor-intensity, stained with MitoFerroGreen (n = 6, each group). Data are presented as the mean \pm SEM. Statistical significance was determined using one-way ANOVA with Tukey's post-hoc test. *** $P < 0.001$. n.s. indicates "non-significant."

Figure S2. Western blot analysis of sham or I/R-injured myocardium, treated with vehicle (Veh) or deferasirox (DFX).



A, Western blots of sham or I/R-injured myocardium 24 h after I/R injury. HO-1, heme oxygenase-1; CCM, cleaved caspase motif. **B-E**, Quantification of HO-1 (**B**), BAX/BCL2 ratio (**C**), CCM (35-70 kDa, **D**), and CCM (15-35 kDa, **E**). $n = 9$, each group. Data are presented as the mean \pm SEM. Statistical significance was determined using one-way ANOVA with Tukey's post-hoc test. n.s., non-significant. * $P < 0.05$, ** $P < 0.01$, *** $P < 0.001$.