

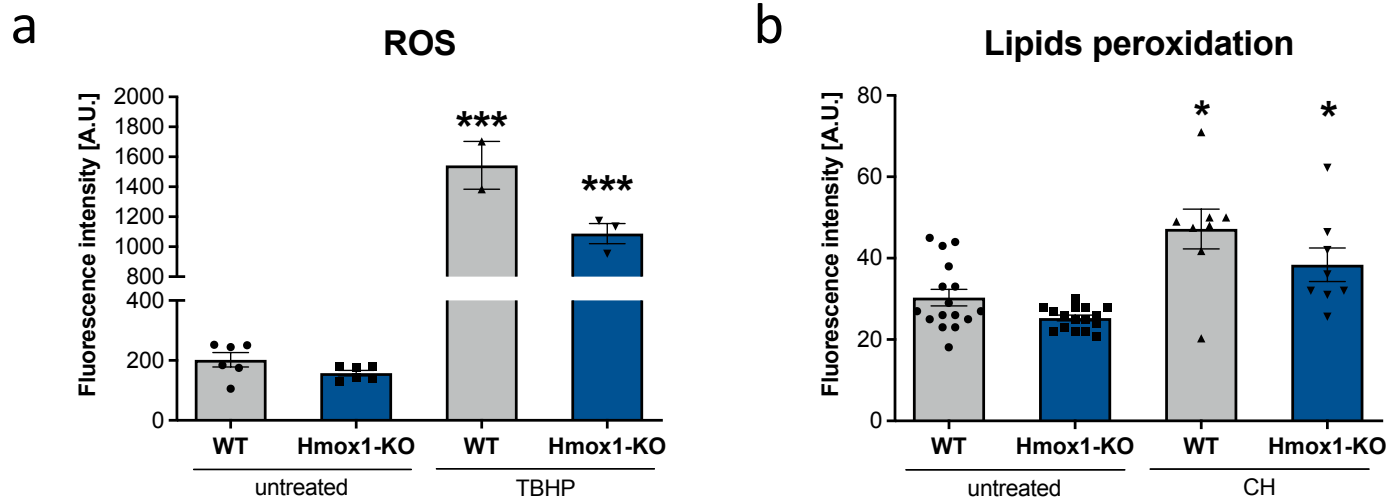
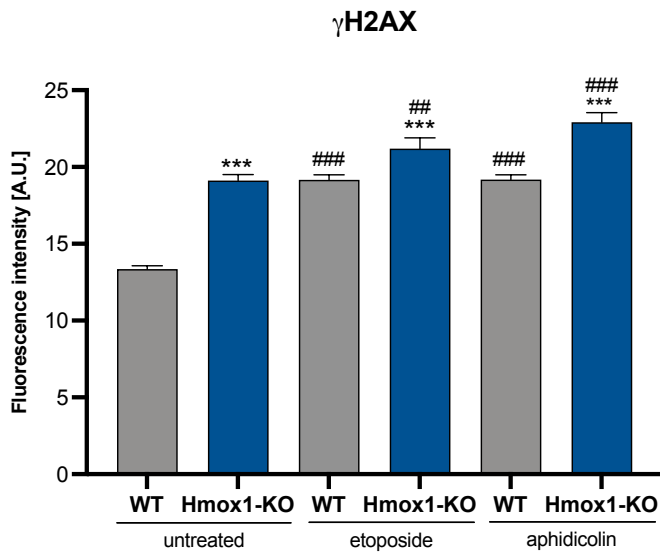
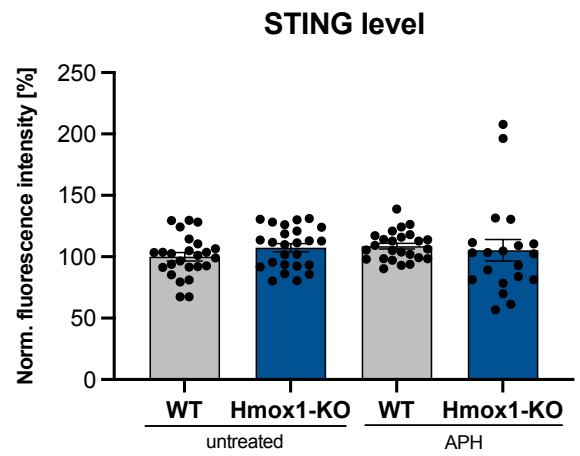


Fig. S1 a) ROS levels in WT and KO-Hmox1 fibroblasts. TBHP (200 μ M, 30 minutes) was used as a positive control. N=3. Two-way ANOVA. **b)** Lipids peroxidation in WT and KO-Hmox1 fibroblasts. Cumene hydroperoxide (CH, 100 μ M, 24 h) was used as a positive control. N=3. Two-way ANOVA.

a



b



c

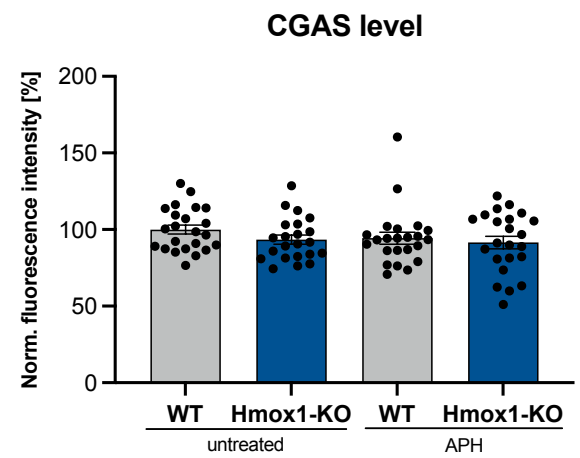


Fig. S2 a) Quantitative analysis of γ H2AX fluorescence signal in fibroblasts treated with 0.25 μ M etoposide or 0.01 μ g/ml aphidicolin for 24h. N=3, n=326-792. Two-way ANOVA. * - WT vs KO-Hmox1, # - untreated vs treated. **b)** Quantitative analysis of immunofluorescence staining of STING and **(c)** CGAS in fibroblasts treated with 0.01 μ g/ml aphidicolin (APH) for 24h. N=3. Two-way ANOVA.