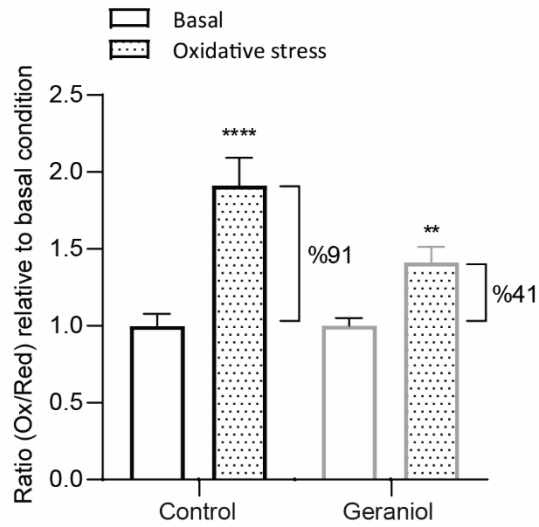


Supplementary Figures and legends

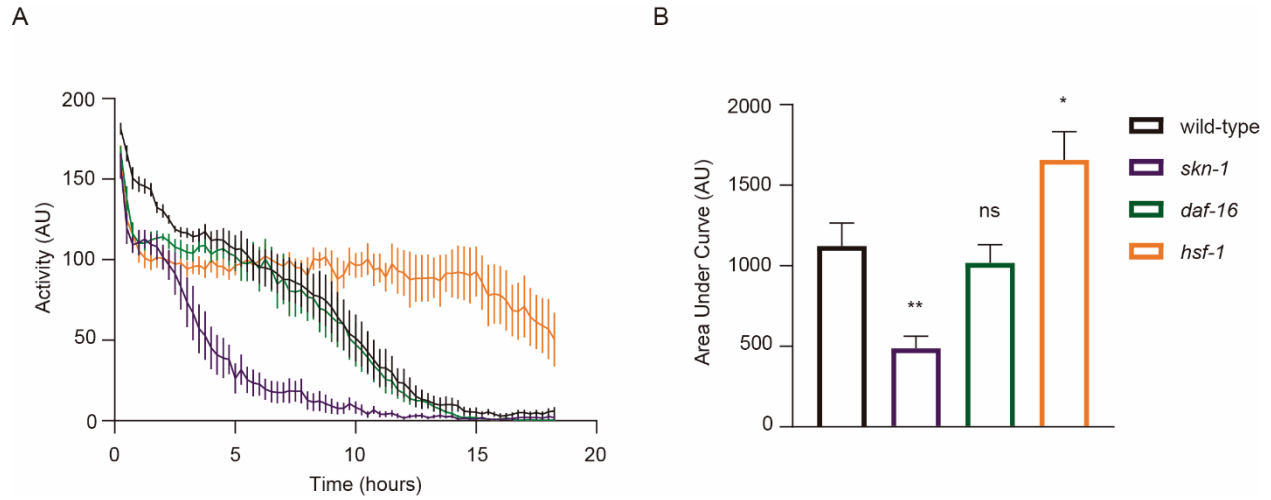
Supplementary Figure 1

A



Bar graph showing intracellular ROS levels under basal and oxidative stress conditions. Animals were treated with vehicle (DMSO) or 1 mM geraniol. For each treatment, ROS levels were measured under basal conditions and after oxidative stress induction with juglone (200 μ M, 20 min). Intracellular ROS levels are expressed as the oxidized/reduced HyPer ratio. Data are presented relative to the corresponding basal (non-stressed) condition for each treatment group

Supplementary Figure 2



a) Locomotor activity (Arbitrary Units: AU) of wild-type (Black line), *daf-16* (green line), *skn-1* (purple line), and *hsf-1* (orange line) mutant animals under oxidative stress (juglone 240 μ M) at the adult day 1 stage, measured using the WMicroTracker. Experiments were performed in at least 3 independent replicates, each including 6–12 wells per strain (approximately 50 worms per well). **b)** Area under the curve (AUC) quantification (AU) for each strain. Statistical significance was assessed using one-way ANOVA with comparisons against wild-type animals. Ns: no significant differences, * ($p < 0.05$), ** ($p < 0.01$)