

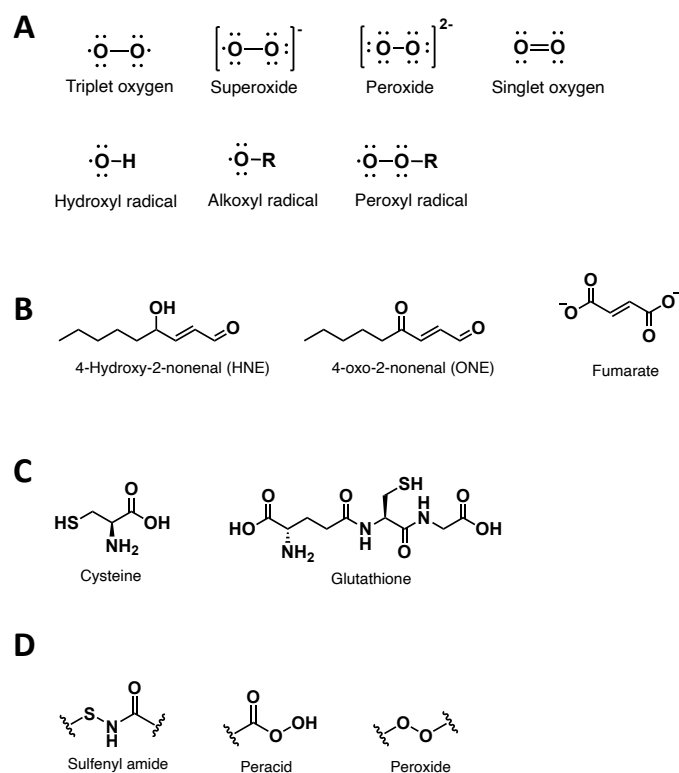


Figure S1. (A) Reactive oxidative species (ROS): triplet oxygen, superoxide, peroxide, singlet oxygen, hydroxyl radical, alkoxy radical, and peroxyl radical. (B) Reactive electrophilic species (RES): 4-hydroxy-2-nonenal (HNE), 4-oxo-2-nonenal (ONE) and fumarate. (C) Cysteine and glutathione. (D) Other functional groups: sulfenyl amide, peracid, and peroxide.