



Figure S1. Electronic absorption spectra obtained during the determination of the concentration of H_2O_2 accumulated while bubbling O_2 through a solution containing 0.25 mM hydrazine at 25 °C. The blank (a) was obtained from a freshly prepared solution of hydrazine (see text), whereas spectra (b) and (c) were obtained from solutions of hydrazine bubbled with O_2 for 1.0 and 2.5 h, respectively.