



Fig. S1. The suitability of aminophenyl fluorescein (APF) for detection of peroxynitrite (ONOO^-). (A) Fluorescence kinetics after addition of various concentrations of the ONOO^- donor SIN-1 to APF ($10 \mu\text{mol l}^{-1}$ in relaxing solution; see text). (B) Fluorescence kinetics of APF after addition of 1 mmol l^{-1} SIN-1 in the presence or absence of 2 mmol l^{-1} urate (a peroxynitrite scavenger). The urate was added 30 min after SIN-1, such that previously activated APF remained fluorescent. (C) Fluorescence kinetics of APF after addition of 1 mmol l^{-1} SIN-1 in the presence or absence of 2 mmol l^{-1} freshly prepared or heat-treated urate. Values are means \pm s.e.m. ($N=4$ independent experiments).