



**Fig. S1** Different effects of RTFP-3, SeNPs, and RP3-SeNPs on the cell cycle induced by H<sub>2</sub>O<sub>2</sub> as examined by propidium iodide flow cytometric analysis: (A) Control; (B) H<sub>2</sub>O<sub>2</sub>; (C) H<sub>2</sub>O<sub>2</sub>+2 μg/mL RTFP-3; (D) H<sub>2</sub>O<sub>2</sub>+2 μg/mL SeNPs; (E) H<sub>2</sub>O<sub>2</sub>+0.5 μg/mL RP3-SeNPs; (F) H<sub>2</sub>O<sub>2</sub>+1 μg/mL RP3-SeNPs; (G) H<sub>2</sub>O<sub>2</sub>+2 μg/mL RP3-SeNPs.