



**Fig. S3. Titration of hydrogen peroxide in ROS assay.** The relative fluorescence yielded by oxidation of H<sub>2</sub>DCFDA was measured by flow cytometry after one hour (ROS). Percentages were based on untreated cells and cell treated with highest concentration of H<sub>2</sub>O<sub>2</sub> (18mM), which yielded the maximum signal. The proportion of dead cells was determined by forward and side scatter.