

Supporting Information

Gillespie et al. 10.1073/pnas.1302334110

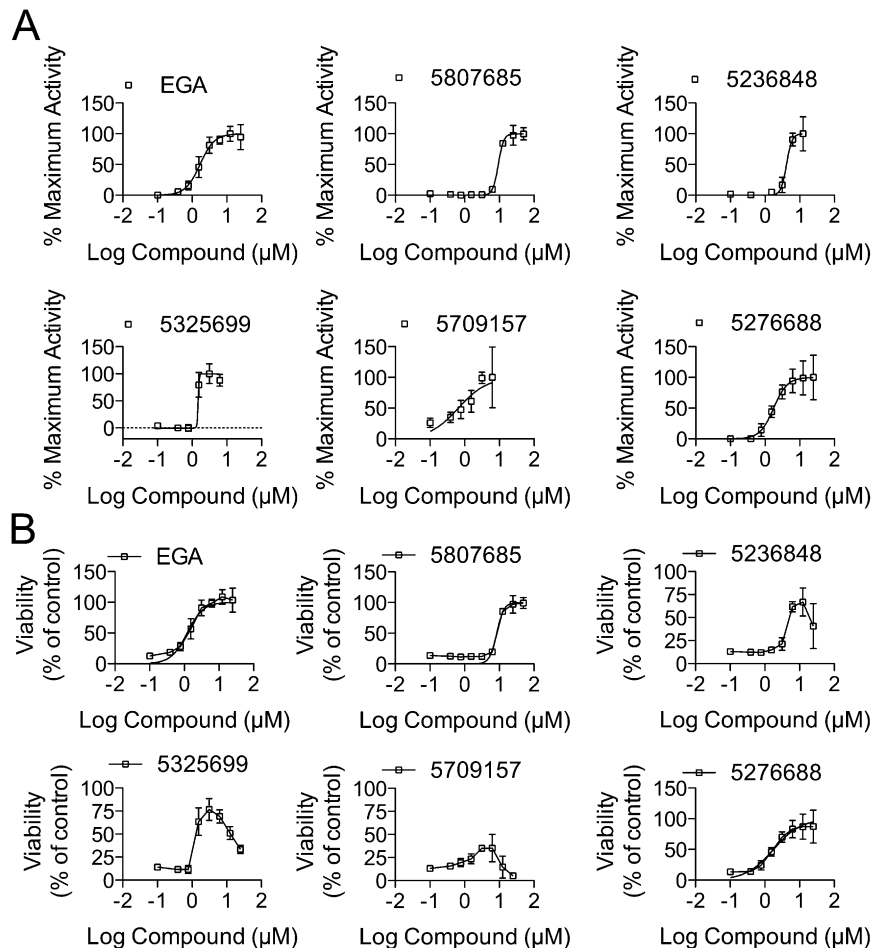


Fig. S1. Dose titrations of top hits from high-throughput screen. RAW264.7 cells were seeded at 2×10^3 cells/well in 384-well plates, pretreated with various doses of indicated compounds for 1 h, and then challenged with 231 ng/mL protective antigen (PA) and 33 ng/mL lethal factor (LF). Cell viability was measured 4–6 h later by ATPlite 1step reagent (Perkin-Elmer). Luminescence was measured on a Victor³V plate reader, and results were normalized to unintoxicated controls. Results represent average values from three independent experiments performed in triplicate \pm SD. (A) Calculation of IC_{50} values. Maximum viability provided by each compound was set at 100% activity, and viability in the absence of drug (toxin only) was set at 0% activity. IC_{50} values were calculated using nonlinear fit (variable slope) of normalized data (Prism 5, GraphPad). (B) Maximum viability provided by each compound. Data were normalized to unintoxicated controls (set at 100% viability), and the maximum protection provided by each was determined and graphed in Fig. 1B.

