



Figure S1. (A & C) Dose response and (B & D) cell viability (measured via an MTT assay) curves in myoblasts and myotubes for CpdA and PNSL at 11 incremental $\frac{1}{2}$ log concentrations. Curves were generated by performing a minimum of three independent experiments, in triplicates, for each concentration as described in the Methods. CpdA is a potent inhibitor of NF- κ B Luciferase activity in C2C12 myoblasts and myotubes with a range of effective concentrations of 1 to 4 μ M. Triplicates for each experiment were averaged. The IC_{50} in myoblasts and myotubes was 2.5 μ M and 1.9 μ M respectively. Measurements are expressed as mean \pm SEM.