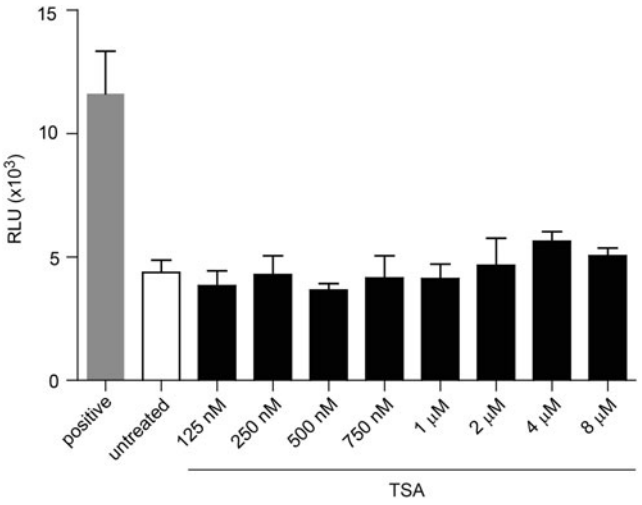
Supplementary Data



SUPPLEMENTARY FIG. S1. Impact of different amounts of TSA on the activation of apoptosis markers caspase-3/7. Myoblasts were untreated or were incubated with the indicated concentrations of TSA for 16 hr. Forty-eight hours after the initiation of the TSA treatments, the caspase-3/7 activities were determined by using a combination of a proluminescent caspase-3/7 substrate and a thermostable luciferase. To serve as a positive control for caspase activity, parallel myoblast cultures were exposed for 3 hr to 1 μM of the apoptosis-inducing agent staurosporine before initiating the caspase activity assays. The RLU values were normalized in relation to the protein content of the various samples. RLU, relative light units; TSA, trichostatin A.