

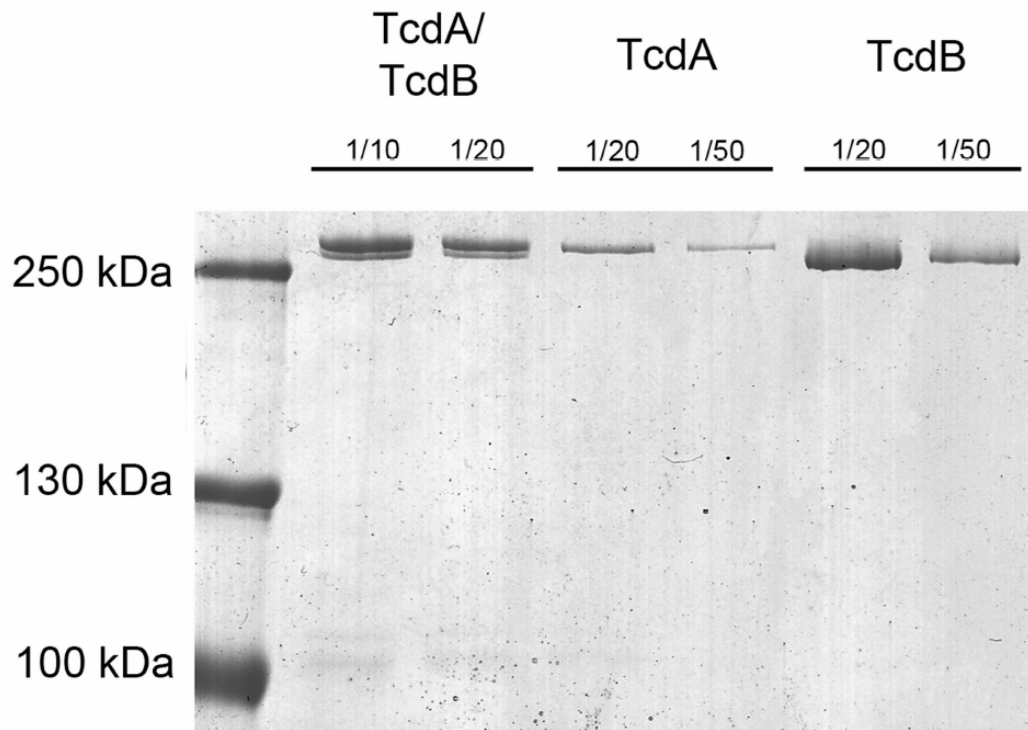
Supplementary Figure 1. Purification of TcdA and TcdB from filtered supernatants of *C.difficile* NAP-1/027 cultures. **(a)** Coomassie-stained SDS-PAGE gel with TcdA/TcdB (100kDa filtered input), TcdA- and TcdB-containing fractions. **(b)** Western blotting of the TcdA/TcdB, TcdA- and TcdB-containing fractions with mouse monoclonal anti-TcdA and TcdB antibodies.

Supplementary Figure 2. Inhibition of NO synthases with L-NAME (100 μ M) has no effect on toxin-induced (100 μ g/mL) upregulation of HIF-1 α gene expression **(a)** as assessed with qPCR; * denotes $p < 0.05$ compared to control, $n = 4$. **(b)** L-NAME did not alter toxin-induced changes in TER. Caco-2 cells were exposed to vehicle (control), *C.difficile* toxin (60 μ g/mL), L-NAME (100 μ M) with *C.difficile* toxin (60 μ g/mL) or L-NAME (100 μ M) alone. Time (min) indicates the time elapsed following addition of toxin to monolayer, data are expressed as a percentage of the control TER, # $p < 0.005$ compared to control, $n = 4$.

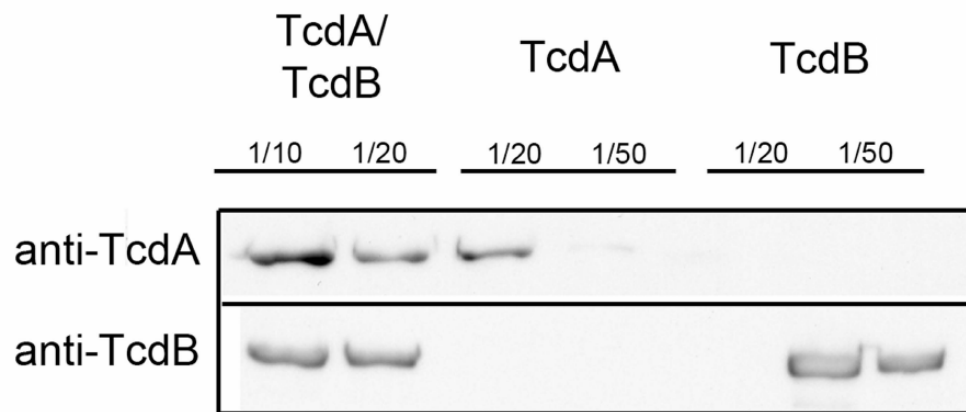
Supplementary Figure 3. Treatment of Caco-2 cells with dimethyloxallyl glycine (DMOG, 500 μ M for 2h) upregulates HIF-1 α protein.

Suppl. Figure 1.

a

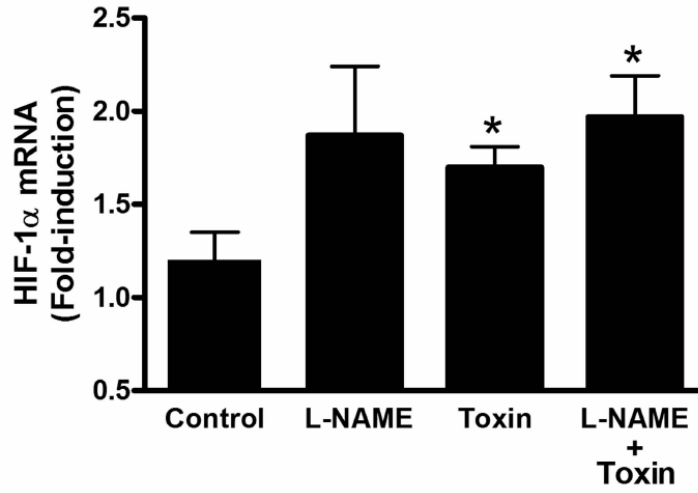


b

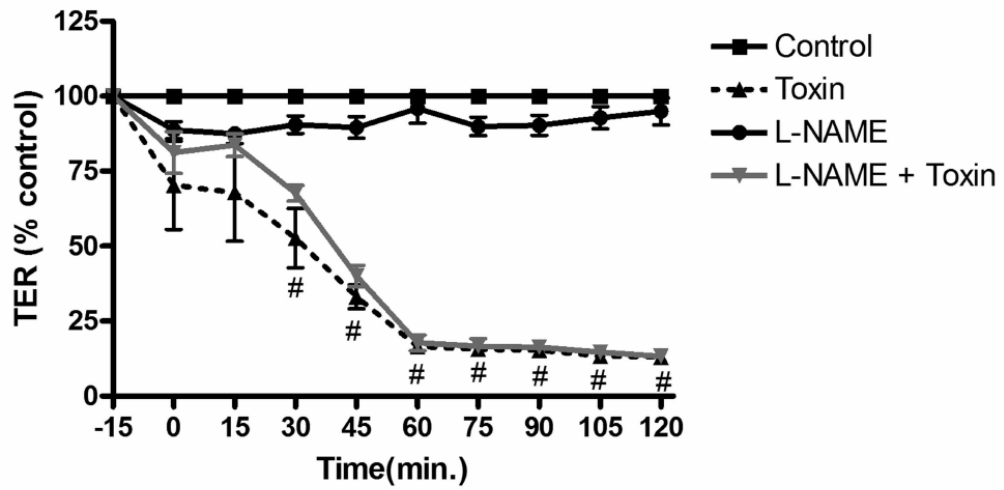


Suppl. Figure 2.

a



b



Suppl. Figure 3.

