

Supporting Information

Neumann et al. 10.1073/pnas.1001681107

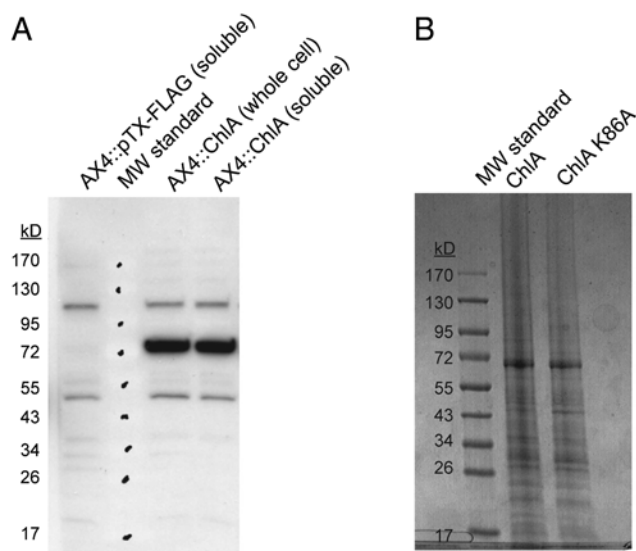


Fig. S1. Analysis of protein expression and purification. (A) Western blot analysis showing expression of ChIA protein and recovery in the soluble fraction of the cell lysate. Proteins were blotted with an α -myc antibody with HRP conjugate and detected with ECL Plus reagent (Amersham). (B) SDS-PAGE analysis of ChIA and ChIA K86A proteins after affinity purification with an α -FLAG agarose resin. (Molecular weight standards are approximate due to lot-specific variation in the pre-stained standards.)

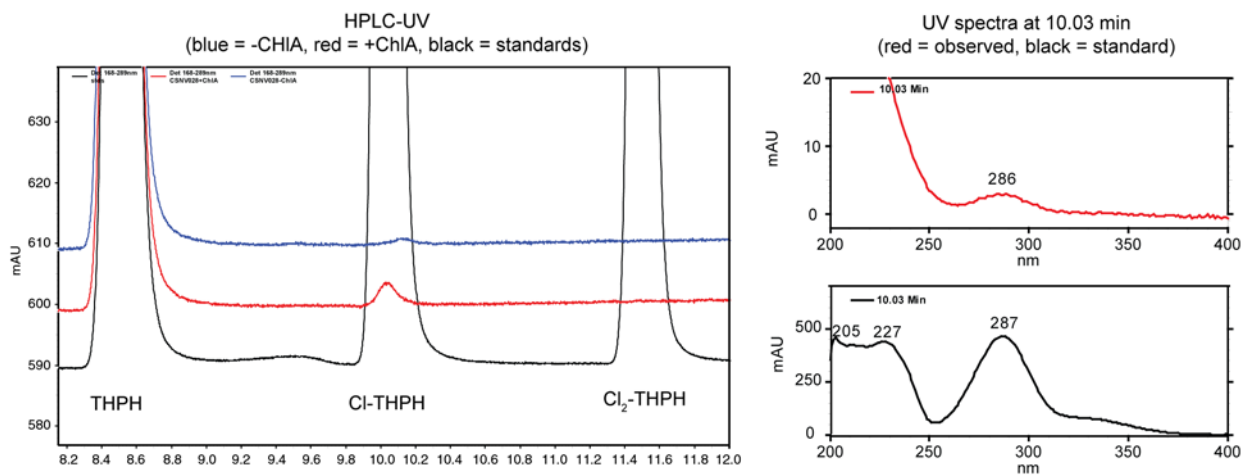


Fig. S2. HPLC-UV analysis of in vitro THPH halogenation reactions containing purified ChIA (red) or lacking ChIA (blue). A peak coeluting with authentic Cl-THPH showed $\lambda_{\text{max}} = 286$ nm (standard $\lambda_{\text{max}} = 287$ nm). Spectral differences below 250 nm are attributable to the organic phase of HPLC eluent.

