



S2 Fig. H₂S production in deletion mutants of *V. cholerae* *cbs*, *cse*, and *3mst* candidates.

Overnight cultures of single deletion for homologs of *cbs*, *cse*, and *3mst* were 1:100 sub-cultured into fresh Luria–Bertani broth containing 500 μM L-cysteine

hydrochloride, followed by stationary incubation at 37°C for 18 hrs. H₂S production was measured by the darkening of Pb(Ac)₂ paper stripe during cultivation. The

average H₂S level of the wild-type was set to be 100% for subsequent normalization.

Three replicates were sampled for each strain. Significance was determined by *t*-test;

p-value: ***, <0.001.