

S1 Fig.

Effect of $luxO^{D61E}$ mutation on the QS response in a quadruple receptor *Vibrio cholerae* mutant.

The QS response in different *V. cholerae* mutants was measured with a HapR-dependent bioluminescence operon. Normalized light production was measured in triplicates. RLU denotes relative light units. Blue lines and symbols represent the $luxO^{D61E}$ strain, black lines and symbols represent the $\Delta cqsS \Delta luxQ \Delta vpsS \Delta cqsR$ strain, and red lines and symbols represent the $\Delta cqsS \Delta luxQ \Delta vpsS \Delta cqsR luxO^{D61E}$ strain.

