

Figure S7

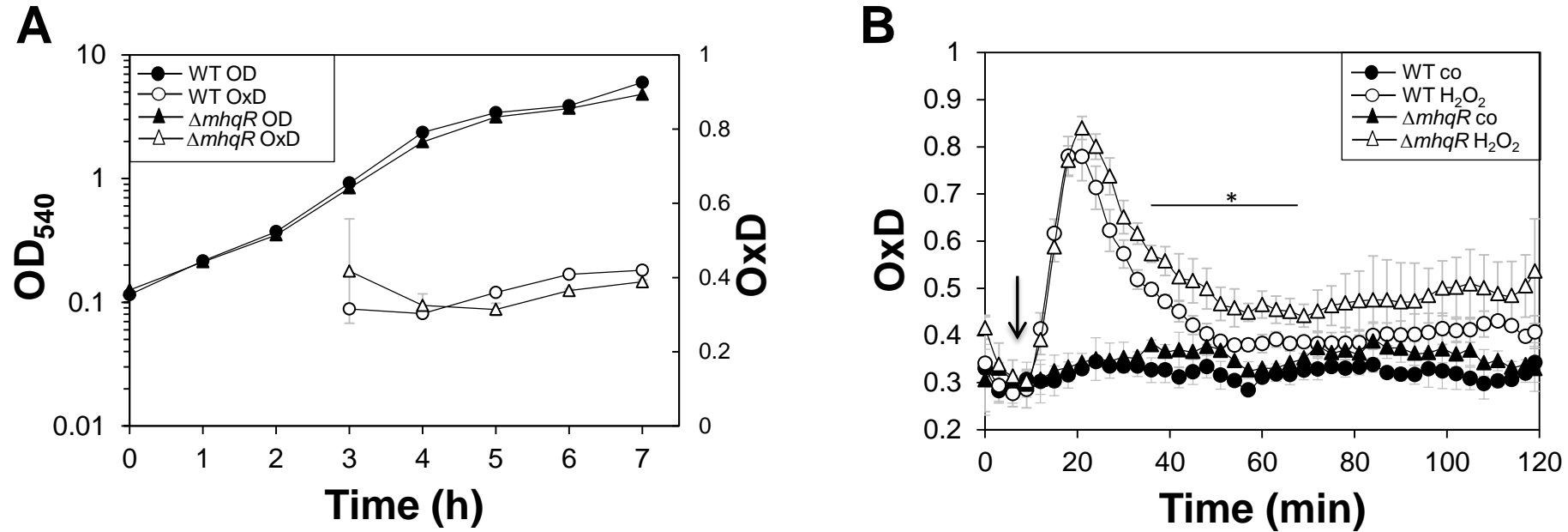


Fig. S7. The deletion of *mhqR* does not effect the basal BSH redox potential, but causes a slightly increased H₂O₂ response of the Brx-roGFP2 biosensor. **(A, B)** The BSH redox potential of the wild type and the *mhqR* mutant was measured with the Brx-roGFP2 biosensor along the growth curve and after exposure to 100 mM H₂O₂. The OxD was calculated based on 405/488 nm excitation ratios with emission at 510 nm and related to the fully oxidized and reduced controls. The *mhqR* mutant had a slightly increased biosensor response after exposure to 100 mM H₂O₂ and a significant delayed recovery of the reduced state. The mean values of four technical and three biological replicates are shown. Error bars represent the standard deviation. *p<0.05.