

Supplemental Data

Supplementary Table 1. Sensitivities of OxyR C199S and C208S single mutant strains and C199S C208S double mutant strain to H₂O₂.

The pAQ17, pGSO72 and pGSO11 plasmids expressing wild type OxyR and the C199S and C208S single mutants, respectively, from pUC vectors were described previously⁶. The C199S C208S double mutant was constructed by changing the Cys208 residue in pGSO72 by site directed mutagenesis. The zones of inhibition (in mm) surrounding disks impregnated with 10 µl of 10% H₂O₂ were determined as in Kullik *et al.*⁶. The values are given for four independent isolates of the C199S C208S double mutant and represent the average of two determinations.

<u>Strain</u>	<u>Zone of inhibition</u>
Vector (pUC18)	39
Wild type	23
C199S	40
C208S	28
C199S C208S	26
C199S C208S	27
C199S C208S	27
C199S C208S	28