

Supplementary Material

Figure S1. Stereo view of electron density map of reduced OxyR.

Stereo view of 2Fo-Fc electron density map of reduced *P. gingivalis* OxyR-RD monomer contoured at 1σ level (resolution 4Å). The map can be traced for all polypeptide main chain except the 210-219 segment. The reduced form has the same fold as the reduced *P. gingivalis* OxyR-RD C199S mutant.

Figure S2. Sequence alignment of disulfide loop and adjacent regions of OxyRs from different bacterial species.

A non-redundant set of randomly picked OxyR sequences from different bacterial species were aligned (Geneious software) and displayed alphabetically by organism to highlight the insertion region at residue 215 (*E. coli* OxyR numbering).

Fig. S1

Supplementary Figure S1

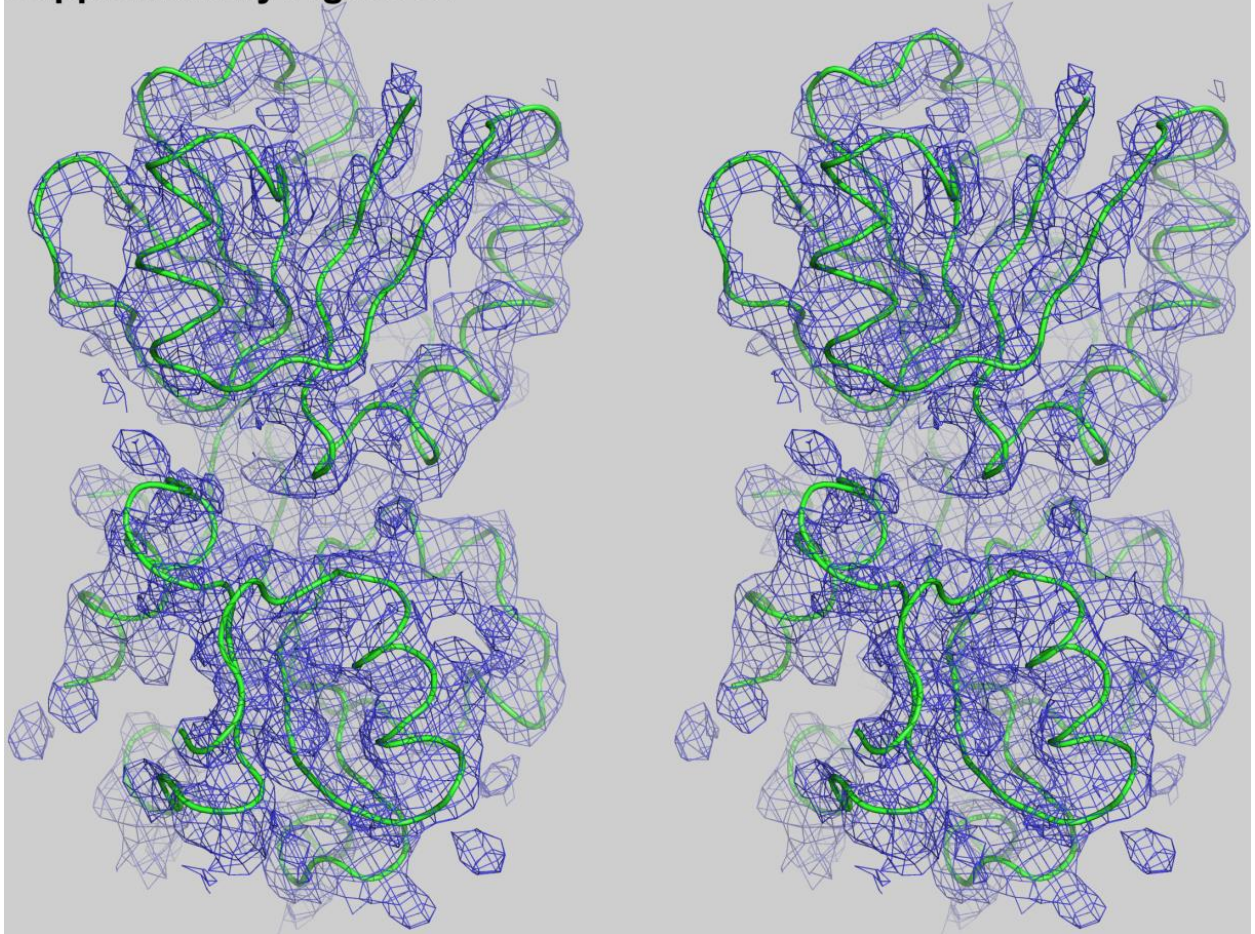


Figure S2

Supplemental Figure S2

