***Supplementary information***

**Oxidized OxyR up-regulates *ahpCF* expression to suppress plating defects resulting from depletion of OxyR and catalase**

AhpCF result-Cindy-20180917-8.tif

Figure S1. Visualization of CcpA activities by peroxidase gel staining. Cell extracts were loaded on 10% non-denaturing PAGE. IPTG of indicated concentration was used to induce CcpA expression. Mw represents protein standard marker.