



Fig. S5. Nile red binding affinity of *B. cenocepacia* BcnA site-directed mutants compared to the wild type, n=4, 2 independent experiments; the smooth lines show the non-linear least square regression analysis of the binding isotherms;

one-way ANOVA (with overall $p < 0.001$) Dunn's Multiple Comparison Test (A-B). (C) Consensus motif of BCN family of proteins. (D) Sequence alignment and consensus motif of BCN homologues used in this study.