



Fig S4. PqsE does not affect anthranilate production and *PphzA2* activity, while it positively controls *PphzA1* activity

(A) Anthranilate was quantified by LC-MS/MS analysis in *P. aeruginosa* wild type and $\Delta 4AQ$ grown to an OD_{600} of 1.5 in LB or in LB supplemented with 1 mM IPTG. Standard deviations are based on the mean values of three parallel cultures. (B) Maximal *PphzA1* and *PphzA2* promoter activity measured in *P. aeruginosa* PAO1 wild type and in the $\Delta pqsAHLE$ strain carrying the pUCP18 empty vector or the pUCPpqsE plasmid for constitutive expression of *pqsE*. Strains were grown in LB or in LB supplemented with 40 μ M HHQ or PQS. Promoter activity is reported as Relative Light Units (RLU)/ OD_{600} .