

Figure S3. The additive drug interaction between chloramphenicol and tetracycline is robust to genetic perturbations. (A) Lines of 50% growth inhibition ( $IC_{50}$  lines) in two-dimensional concentration gradient of chloramphenicol and tetracycline for WT (magenta) and 16 mutants (gray) whose growth rate under the drug combination deviated most strongly from expectation (Fig. S5). (B) As A but with drug concentrations linearly rescaled to maximize similarity between mutants and WT. The drug interaction remains unchanged in all mutants, supporting that the additive chloramphenicol-tetracycline drug interaction is completely robust to genetic perturbations. Full response surfaces for three of these mutants are shown in Fig. S4.