



Fig. S1. Mutant D6 (*pyrD*) exhibits a reduced growth rate in LB medium. The wild type strain and selected mutant strains were cultured in twenty-four well plates at 37°C. Growth was monitored by measurement of optical density at 600 nm (OD₆₀₀) using a microtitre plate reader (SynergyTM HT, MWG Biotech, Germany).