

Supplementary Materials

Table S1. The electrostatic potential energy of molecular docking.

Ligand	Receptor	Affinity (kcal/mol)
ampicillin	PTCL1-EstA	-7.6
cephalothin	PTCL1-EstA	-6.5
Dimethyl phthalate	PTCL1-EstA	-5.8

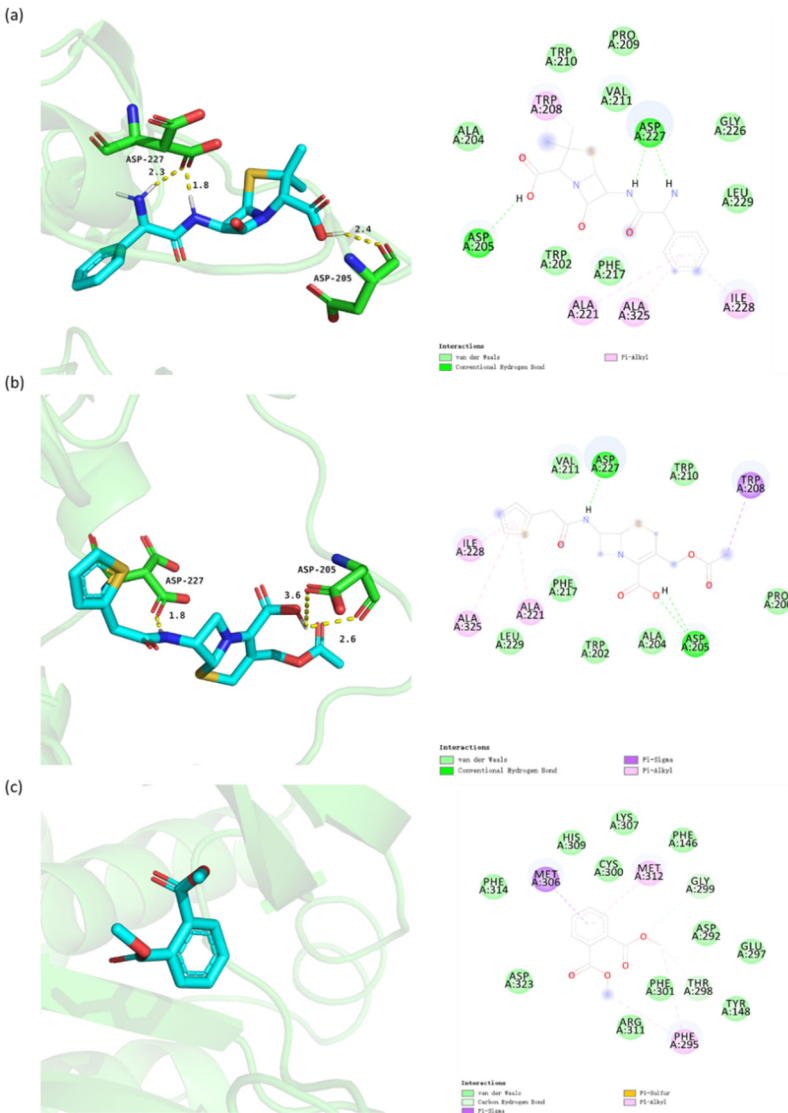


Figure S1. (a) Molecular docking of PTCL1-EstA with ampicillin; (b) Molecular docking of PTCL1-EstA with cephalothin; (c) Molecular docking of PTCL1-EstA with dimethyl phthalate.

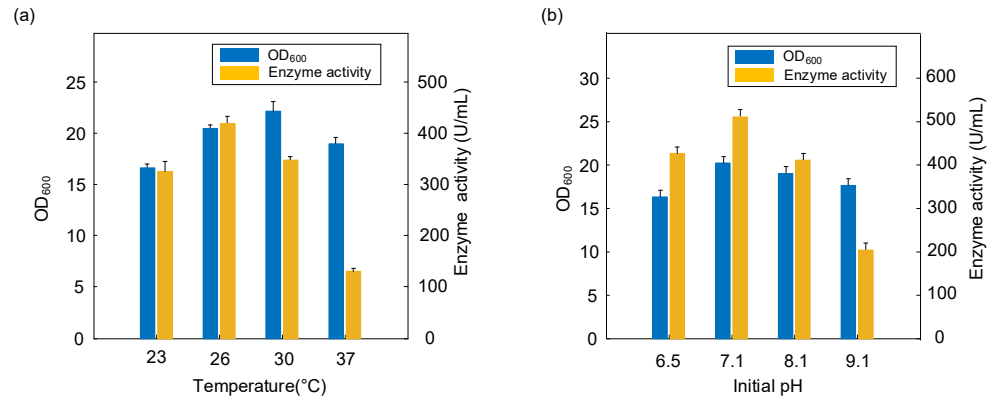


Figure S2. (a) Effect of cultivation temperature; (b) Effect of initial pH of fermentation medium.