



Fig. S6. Complementation analysis of *E. coli* *efp* null mutant with *N. meningitidis*

EF-P

Plasmids pMW119, pMW-*NmE* (a pMW119-derived plasmid for expressing EF-P(*Nm*)), pMW-*NmED* (a pMW119-derived plasmid for expressing EF-P(*Nm*) and EarP(*Nm*)), and pMW-*EcEGY* (a pMW119-derived plasmid for expressing EF-P(*Ec*), EpmA, and EpmB) were introduced into the *E. coli* K12 strain BW25113 and the Δ *efp* strain JW4107 (BW25113 Δ *efp::kan*), and the growth of these strains was compared on LB-Amp plates at 37°C. (A) BW25113/pMW119 (B) BW25113/pMW-*NmE* (C) BW25113/pMW-*NmED* (D) BW25113/pMW-*EcEGY* (E) JW4107/pMW119 (F) JW4107/pMW-*NmE* (G) JW4107/pMW-*NmED* (H) JW4107/pMW-*EcEGY*. (I) The growth curves of these cells in LB broth (Miller) medium in the presence of Amp (50 μ g/ml) at 37°C are also shown.