

**Table S1:  $\Delta$ yejM suppressors**

<b>Strain</b>	<b>Selection condition</b>	<b>Mutation</b>	<b>Potential causative mutation</b>
EMF40	LB 37°C	Amplification ( <i>yaiO-yjgX</i> )	Amplification of <i>lpxC</i>
EMF41	LB 37°C	<i>aspC</i> (A371A) (GCT → GCG)  <i>lpxC</i> (V37G) (CAG → CCG)	Point mutant in <i>lpxC</i>
EMF42	LB 37°C	Amplifications ( <i>ykfC-rrlE</i> ) and ( <i>hemG-yhcF</i> )	Amplification of <i>lpxC</i>
EMF43	LB 37°C	Amplification ( <i>hokE-yjgX</i> ), A → T point mutation upstream of <i>gspH</i>	Amplification of <i>lpxC</i>
EMF44	LB 37°C	Amplifications ( <i>hoke-nmpC</i> ) and ( <i>ykfC-mokC</i> )	Amplification of <i>lpxC</i>
EMF45	LB 37°C 1% SDS	<i>lapB</i> (H181R) GTA → GCA	<i>lapB</i> (H181R)
EMF46	LB 37°C 1% SDS	C → A point mutant upstream of <i>lapAB</i> operon	C → A point mutant upstream of <i>lapAB</i> operon
EMF47	LB 37°C 1% SDS	<i>lpxC</i> (L114Q) GAC → GTC	<i>lpxC</i> (L114Q)
EMF48	LB 37°C 1% SDS	<i>lapA</i> (Q36STOP) GTT → ATT	<i>lapA</i> (Q36STOP)
EMF49	LB 37°C 1% SDS	Amplification ( <i>yejO-yecF</i> )	unknown
EMF50	LB 37°C 1% SDS	Amplification ( <i>yejO-yecF</i> )	unknown

EMF51

LB 37°C 1% SDS

Amplification  
(*yaiX*- *yjgX*)

Amplification of *lpxC*