

Strain/ plasmid	Genotype and relevant features	Reference
<i>E. coli</i> K-12 strains		
MC4100	F- <i>araD139 (argF-lac)U169 rpsL150 relA1 flb5301 deoC1 ptsF25 thi</i>	(T.J. Silhavy, M.L. Berman, and L.W. Enquist, <i>Experiments with gene fusions</i> . 1984)
JCM158	MC4100 <i>ara</i> ^{-/-}	(J.C. Malinverni, J. Werner, S. Kim, J.G. Sklar, D. Kahne, R. Misra, and T.J. Silhavy, <i>Mol. Microbiol.</i> 61 :151–64, 2006)
JCM320	JCM158 Δ <i>bamA</i> Δ (λ <i>att-lom</i>)::bla P _{BAD} <i>bamA</i> <i>araC</i>	(29)
DPR437	JCM320 pZS21:: <i>bamA</i> ⁺	(D.P. Ricci, C.L. Hagan, D. Kahne, and T.J. Silhavy, <i>Proc. Natl. Acad. Sci. U. S. A.</i> 109 (9):3487-91, 2012)
DPR439	DPR437 Δ <i>bamA</i>	(D.P. Ricci, C.L. Hagan, D. Kahne, and T.J. Silhavy, <i>Proc. Natl. Acad. Sci. U. S. A.</i> 109 (9):3487-91, 2012)
DPR478	Δ <i>bamA</i> pZS21:: <i>bamA616 surA10 ara</i> ::cam	This study
DPR479	Δ <i>bamA</i> pZS21:: <i>bamA616 surA13 ara</i> ::cam	This study
DPR528	DPR439 <i>surA10</i>	This study
DPR529	DPR439 <i>surA13</i>	This study
DPR639	JCM158 <i>surA10</i>	This study
DPR640	JCM158 <i>surA13</i>	This study
DPR531	DPR439 <i>bamB8 yfhS</i> ::Tn10	This study
DPR542	Δ <i>bamA</i> pZS21:: <i>bamA</i> ⁺ pSurA	This study
DPR545	Δ <i>bamA</i> pZS21:: <i>bamA616</i> pSurA	This study
DPR549	Δ <i>bamA</i> pZS21:: <i>bamA616</i> pACYC177	This study
DPR546	Δ <i>bamA</i> pZS21:: <i>bamA616 surA10 araBAD</i> ::cam pSurA	This study
DPR547	Δ <i>bamA</i> pZS21:: <i>bamA616 surA13 araBAD</i> ::cam pSurA	This study
DPR587	Δ <i>bamA</i> pZS21:: <i>bamA</i> ⁺ <i>cpXR</i> ::spc	This study
DPR588	Δ <i>bamA</i> pZS21:: <i>bamA616 cpXR</i> ::spc	This study
DPR589	Δ <i>bamA</i> pZS21:: <i>bamA616 surA10 cpXR</i> ::spc	This study
DPR590	Δ <i>bamA</i> pZS21:: <i>bamA616 surA13 cpXR</i> ::spc	This study
DPR602	DPR528 <i>bamB</i> ::kan <i>xyz</i> ::cam	This study
DPR603	DPR529 <i>bamB</i> ::kan <i>xyz</i> ::cam	This study

DPR641	JCM158 <i>surA10 bamB::kan</i>	This study
DPR642	JCM158 <i>surA13 bamB::kan</i>	This study
DPR638	DPR478 <i>cpxA24 zii::Tn10</i> $\Phi\lambda$ [<i>spy::lacZ</i>]	This study
DPR647	DPR439 $\Phi\lambda$ [<i>rpoHP3::'lacZ</i>]	This study
DPR648	Δ <i>bamA</i> pZS21:: <i>bamA616</i> $\Phi\lambda$ [<i>rpoHP3::'lacZ</i>]	This study
DPR649	Δ <i>bamA</i> pZS21:: <i>bamA616 surA10</i> $\Phi\lambda$ [<i>rpoHP3::'lacZ</i>]	This study
DPR650	Δ <i>bamA</i> pZS21:: <i>bamA616 surA13</i> $\Phi\lambda$ [<i>rpoHP3::'lacZ</i>]	This study
JAS610	MC4100 Δ <i>araBAD</i> Δ <i>surA</i> pSurA ^{AP1}	This study
JAS365	MC4100 Δ <i>araBAD</i> Δ <i>surA</i> pSurA ^{AP2}	This study
JAS377	MC4100 Δ <i>araBAD</i> Δ <i>surA</i> pSurA ^{S220A}	This study
DPR768	Δ <i>bamA</i> pZS21:: <i>bamA616</i> pSurA ^{S220A}	This study
DPR880	Δ <i>bamA</i> pZS21:: <i>bamA616</i> pSurA ^{Δ217-222}	This study
DPR821	JCM158 pHis-BamA	(D.P. Ricci, C.L. Hagan, D. Kahne, and T.J. Silhavy, Proc. Natl. Acad. Sci. U. S. A. 109 (9):3487-91, 2012)
DPR720	JCM158 pHis-BamA ⁶¹⁶	This study
DPR748	JCM158 <i>surA10</i> pHis-BamA	This study
DPR721	JCM158 <i>surA10</i> pHis-BamA ⁶¹⁶	This study
DPR1270	JCM158 <i>bamB::kan</i> pHis-BamA	This study

Plasmids

pZS21	Low-copy vector; λ P _L -driven expression, Kan ^r	(R. Lutz and H. Bujard, Nucleic Acids Res. 25 :1203–10, 1997)
pBamA	pZS21:: <i>bamA</i> ⁺	(30)
pBamA ⁶¹⁶	pZS21:: <i>bamA616</i>	This study
pHis-BamA	pET22-42::His ₆ - <i>bamA</i>	(28)
pHis-BamA ⁶¹⁶	pET22-42::His ₆ - <i>bamA616</i>	This study
pACYC177	Low-copy vector; Amp ^r , Kan ^r	(A.C. Chang and S.N. Cohen, J. Bacteriol. 134 :1141–1156, 1978)
pSurA	pACYC177::P _{BAD} - <i>surA</i> ⁺ (pAER1)	(8)
pSurA ^{S220A}	pACYC177::P _{BAD} - <i>surAS220A</i>	This study
pSurA ^{AP1}	pACYC177::P _{BAD} - <i>surA</i> Δ P1	This study
pSurA ^{AP2}	pACYC177::P _{BAD} - <i>surA</i> Δ P2	(14)
pSurA ^{Δ217-222}	pACYC177::P _{BAD} - <i>surA</i> Δ 217-222	This study