

**Table S1 Bacterial strains in this study**

Strain	Relevant genotype	Reference or source
BW25113	<i>lacIq rrmBT14 ΔlacZWJ16 hsdR514 ΔaraBADAH33 ΔrhaBADLD78</i>	Baba <i>et al.</i> (2006)
JW3907-1	BW25113 $\Delta rpmE::Km$ (Keio collection)	Baba <i>et al.</i> (2006)
JW5035-1	BW25113 $\Delta ykgM::Km$ (Keio collection)	Baba <i>et al.</i> (2006)
JW3261-1	BW25113 $\Delta rpmJ::Km$ (Keio collection)	Baba <i>et al.</i> (2006)
JW5714-1	BW25113 $\Delta zur::Km$ (Keio collection)	Baba <i>et al.</i> (2006)
W3110	F <sup>-</sup> , <i>rph-1</i>	
YB1010	W3110 $\Delta rpmE::Km$	Ueta <i>et al.</i> (2017)
YB1011	W3110 $\Delta ykgM::Km$	This work
YB1012	W3110 $\Delta ompT::Km$	Ueta <i>et al.</i> (2017)
YB1013	W3110 $\Delta rpmE \Delta ykgM::Km$	This work
YB1018	W3110 $\Delta rpmE::Km zur::IS2$ (25)	This work
YB1022	BW25113 $\Delta rpmE::Km zur$ (T200A)	This work
YB1024	W3110 $\Delta rpmE::Km zur::IS1$ (59)	This work
YB1025	W3110 $\Delta rpmE::Km zur$ (G422A)	This work
YB1026	W3110 $\Delta rpmJ::Km$	This work
YB1027	W3110 $\Delta zur \Delta rpmJ::Km$	This work
YB1028	W3110 $\Delta rpmJ \Delta ompT::Km$	This work
YB1029	W3110 $\Delta ompT \Delta rpmJ::Km$	This work
YB1030	W3110 $\Delta zur \Delta rpmJ \Delta ompT::Km$	This work
YB1031	W3110 $\Delta ompT \Delta zur::Km$	This work
YB1032	W3110 $\Delta ompT$	This work
YB1033	W3110 $\Delta ompT \Delta rpmJ$	This work
YB1034	W3110 $\Delta ompT \Delta rpmJ \Delta zur::Km$	This work