

Additional file 2. Plasmids used in this work.

Plasmid	Description	Source
pUG6	Multi-copy plasmid (loxP–kanMX–loxP disruption module, kanMX marker)	Güldener et al., 1996
pYEP-cre-cyh	Multi-copy plasmid (GAL1-cre recombinase system, CYH marker)	Delneri et al., 2000
pCUP1pNuiHA kanMX CEN	Centromeric ARS plasmid (kanMX marker, ScCUP1 promoter)	Gift from Nils Johnsson (Addgene plasmid #131168)
pLYS21 – MAE	pCUP1pNuiHA kanMX CEN with <i>LYS21</i> gene from MAE parental strain	This study
pLYS21 – eMAE 8-1b	pCUP1pNuiHA kanMX CEN with <i>LYS21^{Y347H}</i> gene from eMAE 8-1b evolved strain	This study
pLYS21 – TAE	pCUP1pNuiHA kanMX CEN with <i>LYS21</i> gene from TAE parental strain	This study
pLYS21 – eTAE 29I	pCUP1pNuiHA kanMX CEN with <i>LYS21^{R390G}</i> gene from eTAE 29I evolved strain	This study
pLYS20 – EAE	pCUP1pNuiHA kanMX CEN with <i>LYS20</i> gene from EAE parental strain	This study
pLYS20 – eEAE 29j	pCUP1pNuiHA kanMX CEN with <i>LYS20^{N379D}</i> gene from eEAE 29j evolved strain	This study
pRTG2 – MAE	pCUP1pNuiHA kanMX CEN with <i>RTG2</i> gene from MAE parental strain	This study
pRTG2 – eMAE 29-2c	pCUP1pNuiHA kanMX CEN with <i>RTG2^{R30C}</i> gene from eMAE 29-2c evolved strain	This study
pRTG2 – TAE	pCUP1pNuiHA kanMX CEN with <i>RTG2</i> gene from TAE parental strain	This study
pRTG2 – eTAE 29I	pCUP1pNuiHA kanMX CEN with <i>RTG2^{G248E}</i> gene from eTAE 29I evolved strain	This study