Table S2 Plasmids used in this study.

Name	Description	Origin
pTrcBIE	pTrc99a containing *crtB-crtI-crtE*, Amp^r	This study
pGexBIE	pGex-4T-2 derivate containing *crtB-crtI-crtE*, Amp^r	This study
pcrEG	PMB1 *aadA* J23119-N23 insert Pveg-sfGFP, Spc^r	[1]
pCpf1	rep101 Pcas-FnCpf1 ParaB-Red PrhaB-crRNA-pMB1 rhaS rhaRsacB, Kan^r	[1]
pet28a-sfGFP	pet28a derived containing sfGFP, Kan^r	Lab stock
pRSF-MUp	pRSF-duet derivate, containing Mup	This study
pRSF-ScMBot	pRSF-duet derivate, containing ScMBot	This study
pRSF-SaMBot	pRSF-duet derivate, containing SaMBot	This study
pRSF-SpMBot	pRSF-duet derivate, containing SpMBot	This study
pRSF-PtrcSpMbot	pRSF-SpMBot derivate, containing PtrcSpMBot	This study
pRSF-PgexSpMbot	pRSF-SpMBot derivate, containing PgexSpMBot	This study
pRSF-PvegSpMbot	pRSF-SpMBot derivate, containing PvegSpMBot	This study
pRSF-PJ23119SpMbot	pRSF-SpMBot derivate, containing PJ23119SpMBot	This study
pcrEG-AraB-T7RNAP	pcrEG derivate, containing $crRNA_{araB}$ and homologous arms for T7 RNA Polymerase integration	This study
pcrEG-pTrcMEP	pcrEG derivate, containing $crRNA_{araA}$ and homologous arms for PtrcMEP integration	This study
pcrEG-lpxM-MUp	pcrEG derivate, containing $crRNA_{lpxM}$ and homologous arms for PT7MUp integration	This study
pcrEG-ldhA-T7ScMBot	pcrEG derivate, containing $crRNA_{ldhA}$ and homologous arms for PT7ScMBot integration	This study
pcrEG-ldhA-T7SaMBot	pcrEG derivate, containing $crRNA_{ldhA}$ and homologous arms for PT7SaMBot integration	This study
pcrEG-ldhA-T7SpMBot	pcrEG derivate, containing $crRNA_{ldhA}$ and homologous arms for PT7SpMBot integration	This study
pcrEG-ldhA-T7SaScMBot	pcrEG derivate, containing $crRNA_{ldhA}$ and homologous arms for PT7SaScMBot integration	This study
pcrEG-ldhA-T7SaSpMBot	pcrEG derivate, containing $crRNA_{ldhA}$ and homologous arms for PT7SaSpMBot integration	This study
pcrEG-ldhA-T7ScSpMBot	pcrEG derivate, containing $crRNA_{ldhA}$ and homologous arms for PT7ScSpMBot integration	This study
pcrEG-ldhA-T7ScSpMBotSaI	pcrEG derivate, containing $crRNA_{ldhA}$ and homologous arms for PT7ScSpMBotSaI integration	This study
pcrEG-ldhA-T7ScSpMBotEfI	pcrEG derivate, containing $crRNA_{ldhA}$ and homologous arms for PT7ScSpMBotEfI integration	This study
pcrEG-ldhA-T7ScSpMBotBsI	pcrEG derivate, containing $crRNA_{ldhA}$ and homologous arms for PT7ScSpMBotBsI integration	This study
pcrEG-ldhA-T7ScSpMBotScI	pcrEG derivate, containing $crRNA_{ldhA}$ and homologous arms for PT7ScSpMBotScI integration	This study
pcrEG-ldhA-T7ScSpMBotSpI	pcrEG derivate, containing $crRNA_{ldhA}$ and homologous arms for PT7ScSpMBotSpI integration	This study
pcrEG-fliS-T7Mup	pcrEG derivate, containing $crRNA_{fliS}$ and homologous arms for PT7MUp integration	This study
pcrEG-fliS-T7SpMBot	pcrEG derivate, containing $crRNA_{fliS}$ and homologous arms for PT7SpMBot integration	This study

pcrEG-fliS-T7KI	pcrEG derivate, containing crRNA$_{fliS}$ and homologous arms for PT7*erg12-idi* integration	This study
pcrEG-fliS-T7KD	pcrEG derivate, containing crRNA$_{fliS}$ and homologous arms for PT7*erg8-erg19* integration	This study
pcrEG-dxr	pcrEG derivate, containing crRNA$_{dxr}$ and homologous arms for *dxr* deletion	This study

Reference

[1] Zhu X, Wu Y, Lv X, Liu Y, Du G, et al. 2022. Combining CRISPR-Cpf1 and recombineering facilitates fast and efficient genome editing in *Escherichia coli*. *ACS Synthetic Biology* 11:1897-907 http://doi.org/10.1021/acssynbio.2c00046