

Table S1. Oligonucleotides used in this study.

Designation	Sequence (5' to 3')	Purpose
Plasmid clonings		
<i>csrA</i> -XbaI-s	GCGCTCTAGACAGCTGGGGTCGACAATTATC	cloning of pWKS- <i>csrA</i>
<i>csrA</i> -BamHI-as	GCGCGGATCCGGAAAGATTAGTAACTGGACTGCTG	cloning of pWKS- <i>csrA</i>
<i>csrA</i> -NcoI-s	GCGCCCATGGCAGCTGGGGTCGACAATTATC	cloning of pKD46- <i>csrA</i>
<i>csrA</i> -NcoI-as	GCGCCCATGGTTAGTAACTGGACTGCTGG	cloning of pKD46- <i>csrA</i>
pKD46-Seq1	ACGAGTATCGAGATGGCACA	control pKD46
pKD46-Seq2	ATGGCTCTTGTATCTATC	control pKD46
IHAPJPN126	GGGAATTCTCGTCTCCGTCAGTCAAAGC	cloning of pGEM- <i>csrC</i>
IHAPJPN127	GGGGATCCTGCGGCGGAATCTAACAG	cloning of pGEM- <i>csrC</i>
<i>venus</i> -fus-s	GGAGATATACATATGGTGTCTATCAC	<i>venus</i> template plasmid
<i>venus</i> -fus-as	GCGCGTCGACTTACTTGTACAGCTCGTCCATG	<i>venus</i> template plasmid
<i>PlacUV5</i> -s	GCGCGACGTCTCATTAGGCACCCCAGGCTTTACACTTTATGCTT CCGGCTCGTATAATGTGTGGATCTAGA	<i>venus</i> template plasmid
<i>PlacUV5</i> -as	GATAGACACCATATGTATATCTCCTTCTTAAAGTTAAACAAAATTAT TTCTAGATCCACACATTATACGAGC	<i>venus</i> template plasmid
<i>venus</i> -XbaI	GCGCTCTAGATGGTGTCTATCACTAAAGATCAAATC	<i>venus</i> cloning
MK67	CTTCTCTCATCCGCCAAAAC	<i>venus</i> cloning
<i>venus</i> -Seq-as	TACGTCGCCGTCCAGCTC	<i>venus</i> cloning
<i>venus</i> -Seq-as	TTCATGTGGTCGGGGTAGC	<i>venus</i> cloning
<i>rrnB</i> -XbaI-for	GCGCTCTAGACAGAACGCAGAAGCGGTCTG	<i>rrnB</i> terminator cloning
<i>rrnB</i> -SacI-rev2	GCGCGAGCTCACGCAAAAAGGCCATCCG	<i>rrnB</i> terminator cloning
<i>ybtA</i> -TLN-XbaI	GCGCTCTAGACGGTGAATCACCTGCCAG	<i>ybtA</i> - <i>venus</i> fusion
<i>ybtA</i> -long-for	GGAGATAACCAGGTCATGACGGAGTCAGTGTCTATCACTAAAG	<i>ybtA</i> - <i>venus</i> fusion

<i>ybtA</i> -long-rev	CTTTAGTGATAGACACTGACTCCGTCATGACCTGGTTATCTCC	<i>ybtA-venus</i> fusion
<i>ybtA</i> -int-up	CGCCAGTCCAGCCAGAAC	<i>ybtA-venus</i> fusion
<i>ybtA</i> -TLN-TTAT-for	CATTGGTCTAAGCCTTATGGAGATAAC	<i>ybtA-venus</i> fusion
<i>ybtA</i> -TLN-TTAT-rev	GACCTGGTTATCTCCATAAGGCTTAG	<i>ybtA-venus</i> fusion
<i>ybtA</i> -TXN-for	TGAGAATTAATGTGAATAATAACCATTATCTAGAAATAATTTGTTT AAC	<i>ybtA-venus</i> fusion
Genome modifications		
ABU_ <i>uvrY</i> :: <i>cat</i> _Fw	acgaatgactaactatcagtagcgttatccctattttctggagatattccTGTAGGCTGGAGCTGCTT CG	<i>uvrY</i> deletion
ABU_ <i>uvrY</i> :: <i>cat</i> _Rv	tggctggctggttacgggttttaaaacgcttttgcgtcaaacgatcacCCTCCTTAGTTCCTATTC CGAAG	<i>uvrY</i> deletion
<i>csrA</i> 51-Del-M15-up	cgtaaatccccgaaggaagttctgtcaccgtgaagagatctaccagcgtacTAAGTGTAGGCTG GAGCTGCTTC	<i>csrA</i> modification
<i>csrA</i> -Del-M15-rev	agagaaattttgagggtcgtctcaccgataaagatgagacgcggaagattaCATATGAATATCCT CCTTAGTTC	<i>csrA</i> modification
<i>ybtA</i> -Del-for	cattcggttctattataccgcattggcttaagccacaggagataaccagtcGTGTAGGCTGGAGC TGCTTC	partial deletion of HPI
<i>fyuA</i> -Del-rev	ctggttttaactagtggttaaaaggatacctttcggatccctttacaataaCATATGAATATCCTC CTTAGTTC	partial deletion of HPI
<i>clbQ</i> -TLN1- <i>venus</i> -s	cattaatcatcaaaataaacgaattctattacacaacaaggagtgggacgatgGTGTCTATCACTAA AGATCAAATCGTG	<i>clbQ-venus</i> fusion
<i>clbQ</i> - <i>cat</i> -as	ctttgatgatggaacagccatatctattgctcctgtatagttacacaactatttGCCTCAGGCATTTGA GAAGC	<i>clbQ-venus</i> fusion
<i>Kan</i> - <i>Plac</i> -fus-s	CCAGCCTACACCTCATTAGGCACCCCAGGC	<i>clbQ-venus</i> fusion
<i>clbQ</i> - <i>PlacUV5</i> -as	aatcgtttaatttgatgatttaatgtcagaacgaaagctaacaggataattccgTCCACACATTATACG AGCCG	<i>clbQ-venus</i> fusion
<i>clbQ</i> - <i>PlacUV5</i> -s	gagtaacagttggcgtgtaataagtgatgtccgcttgcgcagacaatcgatcctcCATATGAATATC CTCCTTAGTTC	<i>clbQ-venus</i> fusion

<i>Kan-Plac-fus-as</i>	CTAATGAGGTGTAGGCTGGAGCTGCTTCG	<i>clbQ-venus fusion</i>
<i>clbQ-TLN-TTAT-venus-s</i>	gcttcgtctgacattaaatcatcaaataaacgaattctattacacattatggagtgggacgatgGTGTCTAT CACTAAAGATCAAATC	<i>clbQ-venus fusion</i>
<i>clbQ-TXN-venus-s</i>	cttgactggcgtttatcttggtatgggtccatcgagcgtgtggcgataccgttcgTCTAGAAATAATT TTGTTTAACTTTAAG	<i>clbQ-venus fusion</i>
<i>ybtA-TLN-venus-s2</i>	ctcatctacccattcggttctattatacccgattggctctagccacaggagataaccaggtcatgGTGTCT ATCACTAAAGATCAAATC	<i>ybtA-venus fusion</i>
<i>ybtA-cat-as</i>	gcccggatggggtatccggcctctgtcaggaggagtttagggggcgcgaccccgGCCTCAGGC ATTTGAGAAGC	<i>ybtA-venus fusion</i>
<i>ybtA-PlacUV5-s</i>	gaggtgtgaaccctgtaagcgcagaacaaaagtaagaccacgcagccgatcacCATATGAATAT CCTCCTTAGTTCC	<i>ybtA-venus fusion</i>
<i>ybtA-PlacUV5-as</i>	ggcttagaccaatcgggtataatagaaccgaatgggtagatgatttgaTCCACACATTATAC GAGCCG	<i>ybtA-venus fusion</i>

EMSA application

<i>clbQ</i>	CGGAAUUAUCCUGUUAGCUUUCGUUCUGACAUUAAAUCAUCAAAU UAAACGAAUUCUAUUACACAACAAGGAGUGGGACG	RNA-EMSA
<i>ybtA</i>	AUCAUAACUCAUCUACCCCAUUCGGUUCUAUUUAUACCCGCAUU GGUCUAAGCCACAGGGAGAUAAACCAGGUC	RNA-EMSA
<i>phoB</i>	GCAUUAUGAUCGCAACCUAUUUUUACAACAGGGCAAAUCAUG	RNA-EMSA

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- 2 Restriction sites are written in italics. Homologous sequences to either the genome sequences for genome modifications or to
3 a plasmid required for restriction-free cloning are indicated by lowercase letters. *PlacUV5* promoter sequences are
4 highlighted in bold.