Table S2: Primers used in this study

Name	Sequence	Purpose
P1	GTGTAGGCTGGAGCTGCTTC	Amplify pKD4 Kan cassette
P2	ATGGGAATTAGCCATGGTCC	Amplify pKD4 Kan cassette
P1 MluI	NNNNACGCGTGTGTAGGCTGGAGCTGCTTC	Amplify Cam^R from pKD3
P2 MluI	NNNNACGCGTATGGGAATTAGCCATGGTCC	Amplify Cam^R from pKD3
pSAM For	TGAAATGAGCACGGAGGACGGTGAA	Amplify pSAM_Cam backbone
pSAM Rev	TAACGCACTGAGAAGCCCTTAGAGC	Amplify pSAM_Cam backbone
Tn Verification	ACAGGTTGGATGATAAGTCC	Amplify pSAM_Cam Kanamycin cassette
KanR For	NNNNCAATTGAAGCAGGTAGCTTGCAGTGG	Amplify pSAM_Cam Kanamycin cassette
KanFSB	ACAAGATGGATTGCACGCAG	Generate southern blot probe
KanRSB	CTGATGCTCTTCGTCCAGAT	Generate southern blot probe
rfaH λ Red F	TTTCGCGATTACACCAGCCATTTGTTATGCTTGCCGTTATTAGAAGTGGAATGAGTCATTGTGTAGGCTGGAGCTGCTTC	lamba red forward primer for rfaH p1 at 3' end
rfaH λ Red R	GCTGGAGGCGCAAACGGACGCAAACGTCAGGGCGCTGTTTGGCGTCGACATTAACGGCGTATGGGAATTAGCCATGGTCC	lambda red reverse primer for rfaH p2 and 5' end
rfaH Flank F	CGGCGCGATGCTGTAATTTT	for verification of rfaH:KanR. Upstream of rfaH
rfaH Flank R	TACCGGTTGGGTATGCGATG	for verification of rfaH:KanR. Downstream of rfaH
rfaH complement F	ttcggtgatttccaggtgag	forward primer for rfaH cloning
rfaH complement R	ctgtttggcgtcgacattaac	reverse primer for rfaH cloning
ilvD λ Red F	CTGCTCGCAGGTACTCGGCGCCCTCAGGAGCGCCGGACAAGGGTTGTGAATCCGCCATGAGTGTAGGCTGGAGCTGCTTC	lamba red forward primer for ilvD p1 at 3' end
ilvD λ Red R	TTAAAAATGGGACGGCACGCACCGTCCCATTTAATAAACACAGATGGGAGTAAAAAGAGCATGGGAATTAGCCATGGTCC	lambda red reverse primer for ilvD p2 and 5' end
ilvD Flank F	GTGATCACCCCGTGGGATTT	for verification of ilvD:KanR. Upstream of ilvD
ilvD Flank R	ATTACCCGCGACGCCATTAT	for verification of ilvD:KanR. Downstream of ilvD
VF025	ATGTGACTGGGGTGTACGTACCGTAGCCAACGCATCGGCAAGTCGAAAGACGACGAGGAAGTGTAGGCTGGAGCTGCTTC	lamba red forward primer for ilvC p1 at 3' end
VF026	AAAGGTTTTCAGATCGCGTAAATCCACGGCGCGTACTCCCCGGTTTTGTATTTCATAAAAATGGGAATTAGCCATGGTCC	lambda red reverse primer for ilvC p2 and 5' end
VF027	GCCGACCCGGGTGCGGGCATTTATTGACTTCCTGCGCGAGAAGGTCGGTTAAGCGCCCGTGTGTAGGCTGGAGCTGCTTC	lambda red forward primer for VK055_4417
VF028	GGTATAAAAAGGCGTACGAACGGCTATCATAGAGGTGACAGTTTTGTTACGGAGTATTCAATGGGAATTAGCCATGGTCC	lambda red reverse primer for VK055_4417
VF029	TACTCGATGAAAGAGTGGTTCTGGTCAATCGTTGACCGGAAAATTATTCAGGAGTTATTTGTGTAGGCTGGAGCTGCTTC	lambda red forward primer for copA p1 at 3' end
VF030	TTGTCCCGGCAAAAAAACGGGCGCCGAACAACGTCGGCGCCCGTTTCATCTGACGGCGTTATGGGAATTAGCCATGGTCC	lambda red reverse primer for copA p2 at 5' end
VF031	TCAAGGTTCAGTGATATTCTGTCACTGACTTTCGGTGAGCCTGCACAAGGAGCATTGGCTGTGTAGGCTGGAGCTGCTTC	lambda red forward primer for VK055_468 p1 at 3' end
VF032	TCGCCGGGCAAATATGCCCGCCAGCGGGCGGCGCAAAATGTCTCCCGACCAGCTCTGACTATGGGAATTAGCCATGGTCC	lambda red reverse primer for VK055_468 p2 at 5' end
VF033	ACTGGAAGACATGGGTGCGCTGGGCAGCAGCGAAGCACAACGAATTCCCTTTCTAACTTAGTGTAGGCTGGAGCTGCTTC	lambda red forward primer for aroE p1 at 3' end
VF034	GGTAGTTGAGGTACAGCCCTGCCGCAGTAGGGATGTATTTATTTTTCATCATTCGCCTCTATGGGAATTAGCCATGGTCC	lambda red reverse primer for aroE p2 at 5' end
VF035	GCAAGTCGAAAGACGACGAG	for verification of ilvC:KanR. Upstream of ilvC
VF036	GCGTAAATCCACGGCGCGTA	for verification of ilvC:KanR. Downstream of ilvC
VF037	AAGGTCGGTTAAGCGCCCGT	for verification of VK055_4417:KanR. Upstream of VK055_4417
VF038	GTTTTGTTACGGAGTATTCA	for verification of VK055_4417:KanR. Downstream ofVK055_4417
VF039	TGGTCAATCGTTGACCGGAA	for verification of copA:KanR. Upstream of copA.
VF040	CCGTTTCATCTGACGGCGTT	for verification of copA:KanR. Downstream of copA.
VF041	CTGCACAAGGAGCATTGGCT	for verification ofVK055_468:KanR. Upstream of VK055_468.
VF042	TCTCCCGACCAGCTCTGACT	for verification of VK055_468:KanR. Downstream ofVK055_468.
VF043	AGCAGCGAAGCACAACGAAT	for verification of aroE:KanR. Upstream of aroE.
VF044	TGCCGCAGTAGGGATGTATT	for verification of aroE:KanR. Downstream of aroE.
VF073	NNNNCCTNNNNNAGGATCGCTGATATTCAT	forward primer for copA insertion into pACYC184
VF072	NNNNGCATGCGCGCATATGGTGATACACGT	reverse primer for copA insertion into pACYC184
VF074	TTTCTCCACCGCCTGCACTA	for verification of copA insertion into pACYC184
K1	CAGTCATAGCCGAATAGCCT	for verification of insertion of KanR. Binds within Kan cassette. Reverse primer.