

**Table S1.** List of strains used

Names	Relevant genotype	genotype	plasmid used or reference
ADV4	WT	N16961 attB Tn7::hapR+, lacZ ::(LacI-mCherry , yGFP-parBT1)	[8]
ADV22	WT	ADV4 parST1 -cat @ L3I : 2,31 Mb , LacOarray -Kan @ L1I : 2,66 Mb	[8]
ADV24	WT	ADV4 parST1 -cat @ L3I : 2,31 Mb , LacOarray -Kan @ ori1 : 0,05 Mb	[8]
ADV25	WT	ADV4 parST1 -cat @ L3I : 2,31 Mb , LacOarray -Kan @ R2I : 0,85 Mb	[8]
ADV27	WT	ADV4, lacOarray -Kan @ ori2 : 1,05 Mb parST1 -cat @ R3II : 0,312 Mb	[8]
ADV40	$\Delta$ 3parS1	ADV24 parS1::zeoR	pPOS188
ADV41	$\Delta$ 3parS1	ADV25 parS1::zeoR	pPOS188
ADV80	WT	ADV4, parST1 -cat @ R1II : 0,064 Mb	pAD39
CP578	WT	ADV80, tet-parS1-arr2-parS1-tet @ R1II : 0,064 Mb	pPOS184
CP768	$\Delta$ parAB2	CP578,LacOarray -Kan @ L1I : 2,66 Mb	pPOS209
CP688	$\Delta$ hubP	ADV25 hubP::zeoR	pEG266
CP700	$\Delta$ hubP	ADV24 hubP::zeoR	pEG266
CP770	$\Delta$ parAB2	ADV80, parAB2::aad1	pPOS209
CP789	$\Delta$ parAB2, ori2 ::2parS1	CP770, tet-parS1-arr2-parS1-tet @ R1II : 0,064 Mb,	pPOS184
CP797	$\Delta$ parAB2, ori2 ::2parS1I, $\Delta$ hubP	CP789, hubP::zeoR	pEG266
CP799	$\Delta$ parAB2, ori2 ::2parS1, $\Delta$ 3parS1	CP789, 3parS1::zeoR	pPOS188

Tables S2. List of Plasmids used

Plasmid	Description
<b>Reference / construction*</b>	
pXX705	Mini-F plasmid vector; Fori, Amp-R
[35]	
pYB145	pXX705 parAB2 parS2
[32]	
pYB153	TOPO-parAB1
parAB1 genes was amplified with YPR254 x YPR255 then cloned into pCR Blunt II-TOPO vector (ThermoFisher)	
pYB164	pXX705 parS1
parS1 dsDNA was generated by annealing YPR179 and YPR180, and cloned into the EcoRI site of pXX705.	
pYB167	pXX705 parAB1 parS1
parAB1 fragment was obtained by BamHI digestion of pYB153 and cloned into pYB164	
pYB172	pXX705 parAB1
parAB1 fragment was obtained by BamHI digestion of pYB153 and cloned into pXX705	
pGD162	; sacB ; ori R6K ; Tet'-zeo-'Tet cassette ; CmR, ZeoR
[8]	
pAD19	sacB ; ori R6K ; YGFP-ParBT1 and LacI-mcherry between Up- and Down-stream regions of V.cholerae LacZ gene ; CmR
[8]	
pAD20	sacB ; ori R6K ; LacO array + KanR between TetR homologies ; CmR, Kan
[8]	
pAD22	integration-excision vector ; sacB ; Tet-Zeo-Tet cassette between homologies around LII ; CmR, ZeoR
[8]	
pAD39	sacB ; ori R6K ; Tet'-parST1- FRT-CmR-FRT-'Tet ; CmR
[8]	
pPOS188	sacB ; ori R6K ; $\Delta$ 3parSI :: zeoR
See Mat. & Met.	
pPOS184	sacB ; ori R6K ; parSI-FRT-Rif-FRT-parSI between TetR homologies ; CmR, Rif
[8]	
pPOS209	sacB ; ori R6K ; $\Delta$ parAB2 :: specR
See Mat. & Met.	
pEG266	sacB ; ori R6K ; $\Delta$ hubP :: zeoR
[58]	

Table S3. Oligo DNAs used in plasmids construction

Name	Sequence (5'-3')
YPR179	AATTCGTTTCACGTGAAACAG
YPR180	AATTCTGTTTCACGTGAAACGG
YPR254	CGGGATCCAATCACCACAGCTCGAAC
YPR255	CGGGATCCGCGGCCGCGAGTGGAAGAGTTTGATCCTG
parAB2 DW SacI	CCgagctcGCAAAGGATTGGTACTTTCTGCAG
parAB2 DW XhoI	GCctcgagGTCAACTCAAATAACAAAGCCC
parAB2 UP BamHI	GCggatccTTTCCGTTATTAGGGCTTTAAAC
parAB2 UP xbaI	CCtctagaGCAATGAATTACATGCTTCCGCG
parS1 UP1 xbaI	GGCTtctagaCATGAGGCGCCATTCTATACCC
parS1DW1 BamHI	CTGCggatccATGCACAAACCATCTCCAATCG
parS1 UP2 xhoI	GCGTctcgagCAGTTATTGCTGGCCCATTAG
parS1 DW2 sacI	GGCTgagctcCAGAATGCGAGCCATTTCATAG