Table S4. Strains, plasmids, and oligonucleotides used in this study.

Strains		
Organism	Description	Source
E. coli TOP10	For general cloning	Invitrogen
E. coli XL1-Blue	For general cloning	QB3 Macrolab
E. coli S17-1	Conjugation donor strain	(1)
E. coli WM3064	Strain APA752; barcoded *mariner* transposon vector (Kan^R) in *E. coli* conjugation strain	(2)
P. syringae B728a	Wild type strain (Rif^R)	(3)
P. syringae B728a	Whole genome barcoded *mariner* transposon library (Rif^R Kan^R)	This work
P. syringae B728a	Whole genome barcoded *mariner* transposon library (Rif^R Kan^R), in Δ*mexB* genotype	This work
P. syringae B728a	Δ*mexB* (Rif^R Kan^R)	This work
P. syringae B728a	Δ*mexB* (Rif^R) – cured of pFLP2Ω	This work
P. syringae B728a	p519-MexAB (Rif^R Kan^R)	This work
P. syringae B728a	Δ*mexB* p519-MexAB (Rif^R Kan^R)	This work
P. syringae B728a	Δ*mexB* p519-MexAB-OprM (Rif^R Kan^R)	This work
P. syringae B728a	Δ*mexF* (Rif^R Kan^R)	This work
P. syringae B728a	Δ*mexB* Δ*mexF* (Rif^R Kan^R)	This work
P. syringae B728a	Δ*muxB* (Kan^R)	This work
P. syringae B728a	Δ*mexB* Δ*muxB* (Kan^R)	This work
P. syringae B728a	Δ*mexK* (Rif^R Kan^R)	This work
P. syringae B728a	Δ*mexB* Δ*mexK* (Rif^R Kan^R)	This work

Plasmids			
Plasmid name	Description	Antibiotic	Reference
pKD13	Source of kanamycin resistance	Kan	(4)
pT*sacB*	Suicide plasmid to introduce DNA into *P. syringae*	Tet	(5)
pFLP2Ω	Contains Flp recombinase	Spec	(6)
p519*ngfp*	*lac* promoter and *pnpt2* in front of *gfp*	Kan	(7)
p519-MexAB	*mexAB* and upstream 1161 bp, replacing *gfp* in p519*ngfp*	Kan	This work
p519-MexAB-OprM	*mexAB-oprM* and upstream 1161 bp, replacing *gfp* in p519*ngfp*	Kan	This work
pT:2968-kan	To delete *mexF*, contains *Psyr_2968* flanking regions bordering kan^R cassette, inserted into SmaI site of pT*sacB*	Tet Kan	This work
pT:2483-kan	To delete *muxB*, contains *Psyr_2483* flanking regions bordering kan^R cassette, inserted into SmaI site of pT*sacB*	Tet Kan	This work
pT:0346-kan	To delete *mexK*, contains *Psyr_0346*	Tet Kan	This work

	flanking regions bordering kan^R cassette, inserted into SmaI site of pT*sacB*		

Primers used to construct MexAB (*Psyr_4007-8*) and MexAB-OprM (*Psyr_4007-9*) expression plasmids. Restriction cut sites are lowercase.

Name	Sequence
XbaI 4007 F	TAAtctagaTTTTCCTGCGGGGCAATACT
EcoRI 4008 R	ATgaattcGAACGCGGTAACTGCAAGTG
EcoRI 4009 R	ATgaattcCACTGATCGCAGGTGTGTTT

Bold sequence complements FRT-Kan sequence for splicing by overlap extension protocol. The primers used for TnSeq mapping and BarSeq amplification are described (2).

Name	Sequence
FRT-KanF	GTGTAGGCTGGAGCTGCTTC
FRT-KanR	ATTCCGGGGATCCGTCGACC
4008 up F	AGCACAGCCCTATACCCTGA
FRT 4008 up R	**GAAGCAGCTCCAGCCTACAC**TTACTCCCCTTTGCTGCCTG
FRT 4008 down F	**GGTCGACGGATCCCCGGAAT**TGCAGTTACCGCGTTCATTC
4008 down R	AGGAAGGTCAGGTTGCTGTC
2968 up F	GGGATGAATTCACCGGTCGT
FRT 2968 up R	**GAAGCAGCTCCAGCCTACAC**CGGACGAGTCCCTTAGCCGC
FRT 2968 down F	**GGTCGACGGATCCCCGGAAT**GAGTGCGTACAAAGTCTTCATCCCG
2968 down R	TTGTCGTAGTCGCTGAACGC
2483 up F	GCAGCTATCAAGTGGCGTTG
FRT 2483 up R	**GAAGCAGCTCCAGCCTACAC**GGTTTTTCCACCTTGCCGAG
FRT 2483 down F	**GGTCGACGGATCCCCGGAAT**GTGAGCTTTCGCTTGTTGCC
2483 down R	GAGCGGTCCATCGCGATATT
0346 up F	CAAAGTGCGCGAAGTAACCC
FRT 0346 up R	**GAAGCAGCTCCAGCCTACAC**TGACTGGCGACGGTGAATAC
FRT 0346 down F	**GGTCGACGGATCCCCGGAAT**GGCTGCTGACGCGGTAATC
0346 down R	CTGCGAAGTGGTGCAGCAAA

Primers used to confirm deletion strains.

Name	Sequence
4008 check F	CAGTGGCTGTAGCAAGAAGGA
4008 check R	TTTGTTGCGCACTGAACAGC
2968 check F	GTACTGGAGCAGCCAGTCAA
2968 check R	CCAGCAGGACCAGAAAGTCC
2483 check F	TTCCAGGAAGGGCAGATGGT
2483 check R	AGGTGCATGATCGCAAAGGT
0346 check F	ACGTTGCTCGATAACCCGAA
0346 check R	TCCGAACGTTTCGCAGAGAT

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