Supplemental Table 1

Strain		
E. coli		
DH5	*supE44* D*lacU169* (f80 *lacZ*D*M15*) *hsdR17*	(1)
P. aeruginosa		
PA103	wt parental strain isolated from human sputum	(2)
PA103 Δ*vfr*	In-frame deletion of *vfr*	(3)
PA103 Δ*exsA*	In-frame deletion of *exsA*	(4)
PA103 Δ*hfq*	deletion of *hfq*	(5)
PA103 Δ*exsA, Δvfr*	In-frame deletions of *exsA and vfr*	This study
PA103 Δ*exsD*	In-frame deletion of *exsD*	(6)
PAK	wt parental strain	(7)
PAK Δ*vfr*	In-frame deletion of *vfr*	(8)
PAO1	wt parental strain, wound isolate	(9)
Plasmids		
pUC18-mini-Tn7T-Gm-LacZ10	standard Tn7 cloning vector	(10)
pSCPrhaB2	source of RhaRS and P_{rha} promoter	(11)
miniCTX1-lacI^{q}-Ptac (pJM252)	rhaSR-PrhaBAD Inducible Promoter System	(12)
miniCTX-P_{exsD}-lacZ	P_{exsD}-lacZ transcriptional reporter	(6)
pUC18 Tn7 P_{Rha}-lacZ	P_{Rha}-lacZ transcriptional reporter	This study
pUC18 Tn7 P_{Rha}-lacZ + *rhaT*	includes rhamnose transporter rhaT	This study
pUC18 Tn7 P_{Rha}-lacZ corrected	P_{Rha}-lacZ transcriptional reporter with corrected *lacZ*	This study
pUC18 Tn7 P_{BAD}-lacZ	P_{BAD}-lacZ transcriptional reporter	This study
pUC18 Tn7 P_{Tac}-lacZ	P_{Tac}-lacZ transcriptional reporter	This study
pTNS2	Tn7 helper plasmid	(13)
pFLP2	FLP recombinase	(14)
pJN105	Arabinose inducible expression vector	(15)
pVfr	Vfr expression vector, pJN105 backbone	(3)
pHfq	Hfq expression vector, pJN105 backbone	(5)
pEB124	ExsA expression vector, pJN105 backbone	(16)

Supplemental Table 2

Oligonucleotides

Name	ID	Sequence
exsA 101 for pRha	196423235	ATTCAGGCGCTTTTTAGACTGGTCGCACGTGCTCATGGCTTTGAAAATCAA
P_{Rha} for 101	196423236	TTGATTTTCAAAGCCATGAGCACGTGCGACCAGTCTAAAAAGCGCCTGAAT
P_{Rha} for Tn7	196423237	AAGCTAATTCGATCATGCATTTAATCTTTCTGCGAATTGAGATGAC
exsA Sac for Tn7	214219975	ACCATCCAGTGCAGGAGCTCTCAGTTATTTTTAGCCCGGCATTCG
P_{BAD} for Tn7 Nsi	288109006	AAGCTAATTCGATCATGCATTGCTACTCCGTCAAGCCGTCAATTG
P_{BAD} for Tn7 Pml	288109007	CCGCTCACAACACGTGTATGGAGAAACAGTAGAGAGTTGCG
Ptac Nsi	293293895	GAAGCTAATTCGATCATGCATAATTAACCCTCACTAAAGGGAACAAAAG
Ptac Pml	293293896	ATCCGCTCACAACACGTGAAATTGTTATCCGCTCACAATTCC
pBAD 5’	292259570	TTCTCGCTAACCAAACCGGTAACCCC
pBAD 3’	292259571	TATGGAGAAACAGTAGAGAGTTGCGATA
pRha 5’	292259572	TCACGAGGTCAGGTTCTTACCTTAAA
pRha 3’	292259573	TGCGACCAGTCTAAAAAGCGCCTGA

gBlocks

Name	ID	Sequence
lacZ adapter		TTTTTAGACTGGTCGCACGTGTTGTGAGCGGATAACAATTCCCCTCTACAAATAATTTTGTTTAACTTTGAAGGAGATATACATATGACCATGATTACGGATTCACTGGATCCGTCGACCTGCAGCC
pTAC rhaT Nsi		GAAGCTAATTCGATCATGCATGAGCTGTTGACAATTAATCATCGGCTCGTATAATGTGTGGGTCGGAGATGTGACGCGACGAAAAATGATGAGGATAAGAAGATGAGTAACGCGATTACGATGGGGATATTTTGGCATTTGATCGGCGCGGCCAGTGCAGCCTGTTTTTACGCTCCGTTCAAAAAAGTAAAAAAATGGTCATGGGAAACCATGTGGTCAGTCGGTGGGATTGTTTCGTGGATTATTCTGCCGTGGGCCATCAGCGCCCTGTTACTACCGAATTTCTGGGCGTATTACAGCTCGTTTAGTCTCTCTACGCGACTGCCTGTTTTTCTGTTCGGCGCTATGTGGGGGATCGGTAATATCAACTACGGCCTGACCATGCGTTATCTCGGCATGTCGATGGGAATTGGCATCGCCATTGGCATTACGTTGATTGTCGGTACGCTGATGACGCCAATTATCAACGGCAATTTCGATGTGTTGATTAGCACCGAAGGCGGACGCATGACGTTGCTCGGCGTTCTGGTGGCGCTGATTGGCGTAGGGATTGTAACTCGCGCCGGGCAGTTGAAAGAGCGCAAGATGGGCATTAAAGCCGAAGA

GTTCAATCTGAAAAAAGGGCTGGTGCTGGCGGTGATGTGCGGCATTTTCTCTGCCGGGAT
GTCCTTTGCGATGAACGCCGCAAAACCGATGCATGAAGCCGCTGCCGCACTTGGCGTCGA
TCCACTGTATGTCGCTCTGCCAAGCTATGTTGTCATCATGGGCGGCGGCGCGATCATTAAC
CTCGGTTTCTGTTTTATTCGTCTGGCAAAAGTGAAGGATTTGTCGCTAAAAGCCGACTTCTC
GCTGGCAAAATCGCTGATCATTCACAATGTGTTACTCTCGACACTGGGCGGGTTGATGTGG
TATCTGCAATTCTTTTTCTATGCCTGGGGCCACGCCCGCATTCCGGCGCAGTATGACTACA
TCAGTTGGATGCTGCATATGAGTTTCTATGTATTGTGCGGCGGTATCGTCGGGCTGGTGCT
GAAAGAGTGGAACAATGCAGGACGCCGTCCGGTAACGGTGTTGAGCCTCGGTTGTGTGGT
GATTATTGTCGCCGCTAACATCGTCGGCATCGGCATGGCGAATTAAATGCATTTAATCTTTC
TGCGAA

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