

Supplementary Table S1. Primers used in this study.

N°	Name	Sequence 5'-3'	Usage
1	mpkB_for	CACGATACTATTTCGACCTTC	<i>mpkB</i> deletion plasmid
2	mpkB_rev	GACAGGAGTATTTGGCTCTGG	<i>mpkB</i> deletion plasmid
3	mpkB_Del_for	GGGAGATTTCAGTGGCGTCTCTTG	<i>mpkB</i> deletion plasmid
4	mpkB_Del_rev	GGGTTGCTAACTTTCAGCATC	<i>mpkB</i> deletion plasmid
5	mpkB_pYes_P11	GCTGTAATACGACTCACTATAGGGAATATTGT TACTAGTGGATCCCCGGG	<i>mpkB-gfp</i> plasmid
6	mpkB_pYes_P2	CGATCCTCCTTGAGGAGTTGCTGCACCATGG TTGCTAACTTTCAGCATC	<i>mpkB-gfp</i> plasmid
7	mpkB_pYes_P3	ATAGTGCCACGTTCTAAATTCAACCAAGGGCG AATTCTGCAGATGGGAG	<i>mpkB-gfp</i> plasmid
8	mpkB_pYes_P4	CATAACTAATTACATGATGCGGCCCTCTAGGA CAGGAGTATTTGGCTCTGG	<i>mpkB-gfp</i> plasmid
9	eGFP_for_vv	ATGGTGAGCAAGGGCGAGGAGC	<i>mpkB-gfp</i> plasmid
10	nosT_hphR_vv	CCCAGCACTCGTCCGAGGGCAAAGGAATAGAT CGATGAATTCTCATGTTTG	<i>mpkB-gfp</i> plasmid
11	gpda_for_vv	CTTGGTTGAATTTAGAACGTGG	<i>mpkB-gfp</i> plasmid
12	Hph_Rev_vv	TTCCTTTGCCCTCGGACGAGTGC	<i>mpkB-gfp</i> plasmid
13	mpkA_for	CTCATTCCTTGTCTGATGCG	<i>mpkA</i> deletion
14	mpkA_rev	GACTGTGCGAGAAATCCGCTTC	<i>mpkA</i> deletion
15	pksP_75_for	CAACCTCTTGCAGGCGAAGAAC	<i>pksP</i> deletion
16	pksP_-4_rev	GGAATCATGGCCGTGCCATG	<i>pksP</i> deletion
17	gpaA_for	CATTCGTCTCGTTCTCCGAAC	<i>gpaA</i> deletion plasmid
18	gpaA_rev	CTGTGCCACTGCCATATCG	<i>gpaA</i> deletion plasmid
19	gpaA_XbaI_for	TCTAGAGCTCCTCTTACTGTGTACTC	<i>gpaA</i> deletion plasmid
20	gpaA_XbaI_rev	TCTAGACAGATAACCCGCTGCACATG	<i>gpaA</i> deletion plasmid
21	gpaC_F_XbaI	CTCCTTGCTCTAGAGGACGC	<i>gpaC</i> deletion plasmid
22	gpaC_R_XbaI	CTGAGCTTCTAGACATGCAGAC	<i>gpaC</i> deletion plasmid
23	gprM_for	ATTGTCACCTCCATGTTCACTCC	<i>gprM</i> deletion
24	gprM_rev_ptrA	GGCCTGAGTGGCCATCGAATTCCTTGTTCGTG TGACTTCTGCG	<i>gprM</i> deletion
25	gprM_for_ptrA	GAGGCCATCTAGGCCATCAAGCGCTATGTCAT ACCGTTGAGGC	<i>gprM</i> deletion
26	gprM_rev	GTGATAGTGCCATGCTGATGC	<i>gprM</i> deletion
27	ptrA_for	GAATTCGATGGCCACTCAGGCC	<i>ptrA</i> cassette amplification
28	ptrA_rev	GCTTGATGGCCTAGATGGCTC	<i>ptrA</i> cassette amplification
29	gprMc1	GCTGTAATACGACTCACTATAGGGAATATTGT CGGTAGTCTAGACTGTGG	<i>gprM</i> complementation
30	gprMc2	GTTTGAACGATCTGCAGCCGGGCGGCCGCTCT AGTCATCATATTCCCAGATAG	<i>gprM</i> complementation
31	gprMc3	CAATAGTGCCACGTTCTAAATTCAACCAAGCC ACTAGATCCCCGCATTC	<i>gprM</i> complementation
32	gprMc4	CATAACTAATTACATGATGCGGCCCTCTAGGT GAGTCTTCTCTAGACCAC	<i>gprM</i> complementation
33	NosT_f	CATAACTAATTACATGATGCGGCCCTCTAGGT GAGTCTTCTCTAGACCAC	<i>gprM</i> complementation
34	pUC19 5'ORF mpkA-for	TTGTAAAACGACGGCCAGTGC GGCTACACACG ACACTC	<i>mpkA-3xHA</i> plasmid
35	5'ORF mpkA linker 3xHA-rev	TACCACCTCCTTGGACATCCATCCCCCG	<i>mpkA-3xHA</i> plasmid

Supplementary Table S1. Primers used in this study (*continued*).

N°	Name	Sequence 5'-3'	Usage
36	ptrA 3' mpkA-for	CCCATGATAGACGTTGACTTTCGTATGAAG	<i>mpkA-3xHA</i> plasmid
37	pUC19 3' mpkA-rv	ATCCCCGGGTACCGAGCTCGGAAATCCGCTTCAACACC	<i>mpkA-3xHA</i> plasmid
38	linker3xHA trpC-fr	GGAGGTGGTAGCGGTGGT	<i>mpkA-3xHA</i> plasmid
39	linker3xHA trpC-rv	CTGTCAGATCTGTAAAAAAGTTTCGGCCGGC	<i>mpkA-3xHA</i> plasmid
40	pYes2_ptrA_F	GGGCGCTACAGGGCGCGTGGGGATGATCCAGGGAACAAAAGCTGGGTACC	GpaA-GprM co-IP
41	pYes2_ptrA_R	GGCCTTCCGGTTTCATACACCGGGCAAAGGGGCTGCAGGAATTCGATGG	GpaA-GprM co-IP
42	pYes2_Tet_F	CTTTGCCCGGTGTATGAAACC	GpaA-GprM co-IP
43	pYes2_Tet_R	CCGCCAGTGTGATGGATATCTGCAGAATTCTGTGATGTGATGGAGTTGAG	GpaA-GprM co-IP
44	gpaAG1	GCTGTAATACGACTCACTATAGGGAATATTGACTTTTCGTTAAGAGACTCC	<i>gpaA-gfp</i> plasmid
45	gpaAG2	GGTGAACAGCTCCTCGCCCTTGCTCACCATGATCAGACCACAGAGTCTG	<i>gpaA-gfp</i> plasmid
46	gpaAG3	ACGAGCGTCAGCGCGAGTGTGCTGAGTAAGAGCCATTATACTTGACGGAG	<i>gpaA-gfp</i> plasmid
47	gpaAG4	CATAACTAATTACATGATGCGGCCCTCTAGGCAGGGCTGAATTCGAGATG	<i>gpaA-gfp</i> plasmid
48	nosT-pyrP	CCTGAGTGGCCATCGAATTCCTGCAGCCCCGATGAATTCATGTTTGAC	<i>gpaA-gfp</i> plasmid
49	ptrA_for_2	GGGCTGCAGGAATTCGATGG	<i>gpaA-gfp</i> plasmid
50	ptrA-rev3	TTACTCAGCACACTCGCGCTG	<i>gpaA-gfp</i> plasmid
51	pTet_ptrA_F	GGCCCTGCATTAATGAATCGG	GpaA-GprM co-IP
52	pTet_ptrA_R	TGTGATGTGATGGAGTTGAGATGGA	GpaA-GprM co-IP
53	2A_F	GGCTCTGGCGCCACCAACTTCTCTCTCCTCAAACAGGCTGGCGACGTTGAAGAAAACCTGGCCCT	GpaA-GprM co-IP
54	2A_R	AGGGCCAGGGTTTTTCTTCAACGTCGCCAGCCTGTTTGAGGAGAGAGAAGTTGGTGGCGCCAGAGCC	GpaA-GprM co-IP
55	Tet_gpaA_F	CTCAACTCCATCACATCACAATGGGTGTGGAATGAGTAC	GpaA-GprM co-IP
56	2A_GFP_R	GAAGTTGGTGGCGCCAGGCCCTTGACAGCTCGTCCATGC	GpaA-GprM co-IP
57	2A_gprM_F	GACGTTGAAGAAAACCTGGCCCTATGACGAAATCGTACATCATT	GpaA-GprM co-IP
58	pYes2_troT_R	TGGCCGATTCATTAATGCAGGGCCGTAAAAAAGTTTCGGCCGGC	GpaA-GprM co-IP
59	Tet_GFP_F	CTCAACTCCATCACATCACAATGGTGAGCAAGGGCGAGGA	GpaA-GprM co-IP