

Figure S8

Primers for GcrAs cloning:

S. meliloti Rm1021 (SMc02139)

pSMc02139-CACC- fw
CACCATGAACTGGACTGACGAGCG
pSMc02139-rev
AGCGGAATGAGCAAGGCG

B. melitensis biovar abortus (BAB1_0329)

pBAB1_0329- CACC- fw
CACCATGAACTGGACTGACGAGCG
pBAB1_0329- rev
GGGGACGCTTCCTGAATTCA

C. crescentus CB15N (CC2245)

pCC2245-NdeI-fw
CACCATGAGCTGGACCGACGAA
pCC2245-rev2
GTCATCCCGCGCTTTATGC

Oligonucleotide pairs for lacZ reporter constructions 5'- 3':

P_{CC_2165} (mipZ):

AAA AAA GAA TTC GTG CAG GGC GCC CAT GGT CGG AA
AAA AAA TCT AGA CGA CGT CGT TGT CGC TGA GGT TCA A

P_{CC_2045} (podJ):

AAA AAA GAA TTC ATC GGA CGC GCG CCC AGC CAG CCG AA
AAA AAA TCT AGA ATC CAG CGC CAG CGC GAC GCG ACC AA

P_{CCNA_00697}:

AAA AAA GAA TTC AAG GGG TCG TGG ACC GAC AAG AA
AAA AAA TCT AGA ATC CCT CTC TCC ATG AGA GAG GGA TT

P_{CC_2482} (pleC):

AAA AAA GAA TTC CTG GCG GAC GAG ATC CTC AA
AAA AAA TCT AGA GGG CTG GGC CAT GGC CCA A

P_{CC_1465} (flaY):

AAA AAA GAA TTC CTG GAT CGC GCC TTC CTT GA
AAA AAA TCT AGA TTG AGC GCC TGA TAG GTG GCG AAC A

EMSA probes (70 bp) 5'- 3':

CCNA_0697:
ACGTTTCCCCGAACAGGGGCGAAACGAATCGGGACCGAATCAGCGACGTTTCGCCGATTCAGTATTTGTTTC

ctrA promoter:

AGACTGGTTAATGGTGAATGTTTCCCGTCGGAGGAATGGTTAATCTGATTTGCGAATCGGGTGCAAGCCG

mipZ promoter:

TGGCTCGGATCCTTCTGCGTCGCGACTCAGCGACTCTTAATCGAAGGTTAACACGATGTTTCCCGCCCC

CCNA_0278 and CCNA_0279:

CGCGCGCTGGCGTCGGCCGCGCAGGCTGCGGCTCATGACCACGCCAAGCCGTCGCATCCTGATCTTGGT

CCNA_1926 and CCNA_1927:

TTCTGAAGATTTCTGCTAGCCTTCCCAAGGGGCAAAGGCGCCTAGACTCGCCCCAACGAACACAGGGAGG

DNase I foot printing region (ctrAP1 promoter), 120 bp, 5'- 3':

cggtgaaacccttcggccactttgccggagagttaatttaagactggtaaatggatgatttcccgctcgagggaatggtaatctgatttgcg
Aatcgggtgcaagccgcgctcgagcc