

Fragment 45361-45500:

^{#1}
 CAGGGCGGGCCTGATCTAT**TTGTTGAAGTT**TACCAACTAGGT**TACACTTCAAAAC**CATCAT
 GTCCCGCCCGGACTAGATAACAACCTTCAAATGGTTGATCCAATGTGAAGTTTTGTGTAGTA

^{#6}
 TCTGATGAGGGCTTATTAC**ATGA**ACCAATCACGACCGGCCACACCTGGCCAGATACTTGAA
 AGACTACTCCCGAATAATGTACTTGGTTAGTGCTGGCCGGTGTGGACCGGTCTATGAACTT

EcoRI
 AGGGAATTCTTGGCCCCG
 TCCCTTAAGAACCGGGGC
 r e f l a p

Figure S6. DNA sequence of the *repA* promoter region

The -35 and -10 motifs of *repAp* are bolded. The rbs site of *repAm*RNA is underlined and the N-terminal sequence of RepA is shown. The arms of two palindromic sequences, IR1 and IR2, are labelled in green (operator O_{RepA}) and in gray (unknown function), respectively. Lowercase letters above the DNA sequence indicate substitutions in IR1* (6 nt) and IR2* (5 nt), introduced to diminish the reverse complementarity of IR1 or IR2 motifs. Restriction site EcoRI (italics) and primers used for PCR amplification are indicated.