LEGEND TO SUPPLEMENTARY FIGURES

FIG. 1S. Nucleotide sequence of the chromosomal region cloned in plasmid pP2 which includes the *eutT-eutG* intergenic region. The 5' and 3' ends of the fragments used in the study are indicated by the solid bent arrows and the solid bent connecting lines, respectively. The stop codon of *eutT* is indicated by the open bent connecting line while the start codon of *eutG* is shown by the open bent arrow. Structural features are highlighted with colors.

FIG. 2S. Complementation analysis of the *rr17* mutation by expression *in trans* of RR17. Plasmid pML28 (-■-, -□-) (a derivative of the shuttle vector pAT28 carrying the promoter of the *aphIII* gene (2,3) or pML28-RR17 (-●-, -○-) (1) were transformed in the parental strain V583 (closed symbols) or the *rr17* mutant (open symbols). Cells were grown in M9HY in the presence of EA and CoB12 and optical density was followed at the indicated times.

FIG. 3S. Comparison of time courses of β-galactosidase generated by the pP2 (-■-), pSP5 (-▲-) and pSP6 (-●-) constructs.

References

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3. Trieu-Cuot, P., C. Carlier, C. Poyart-Salmeron, and P. Courvalin. 1990. A pair of mobilizable shuttle vectors conferring resistance to spectinomycin for molecular cloning in *Escherichia coli* and in Gram-positive bacteria. Nucl. Acids Res. 18:4296
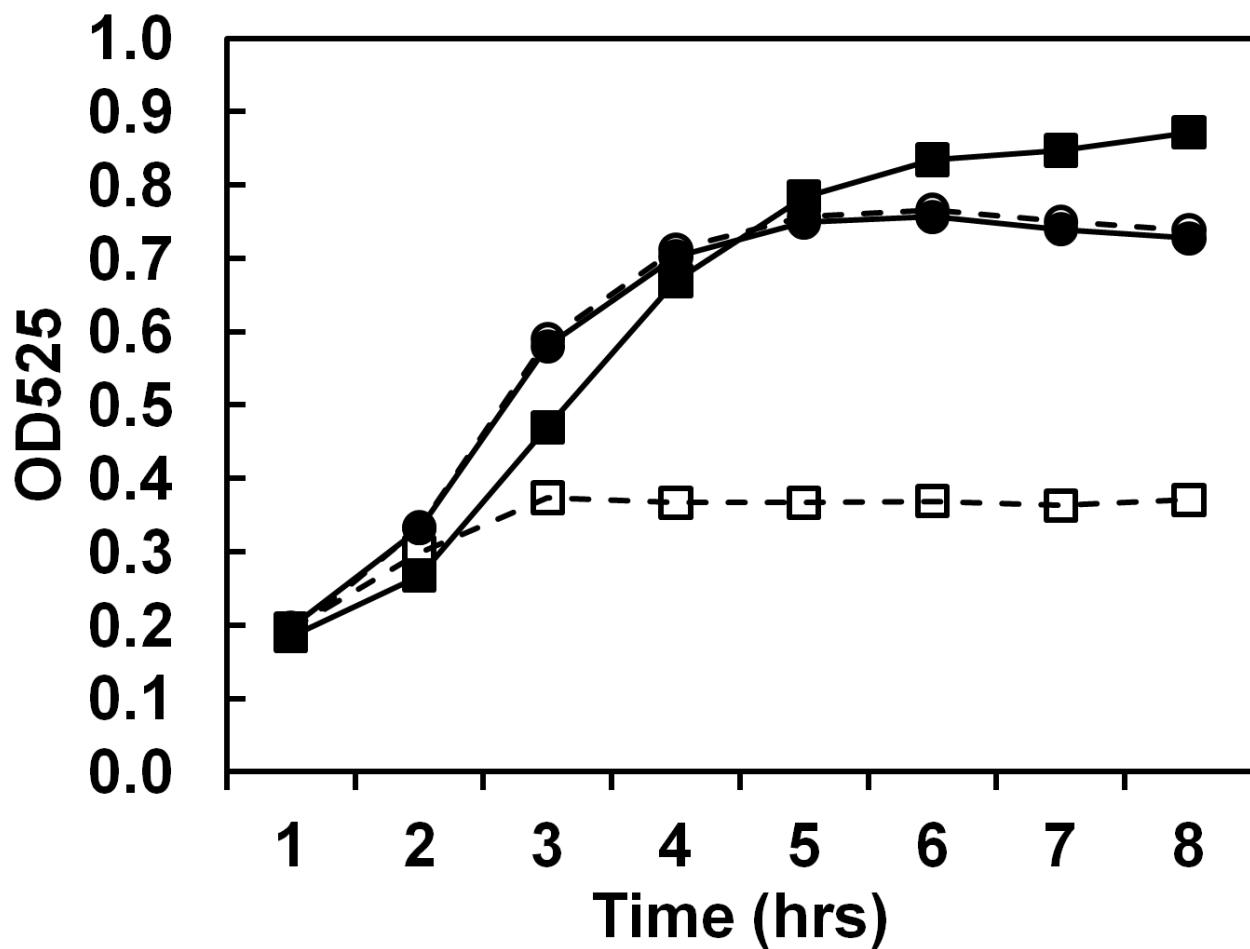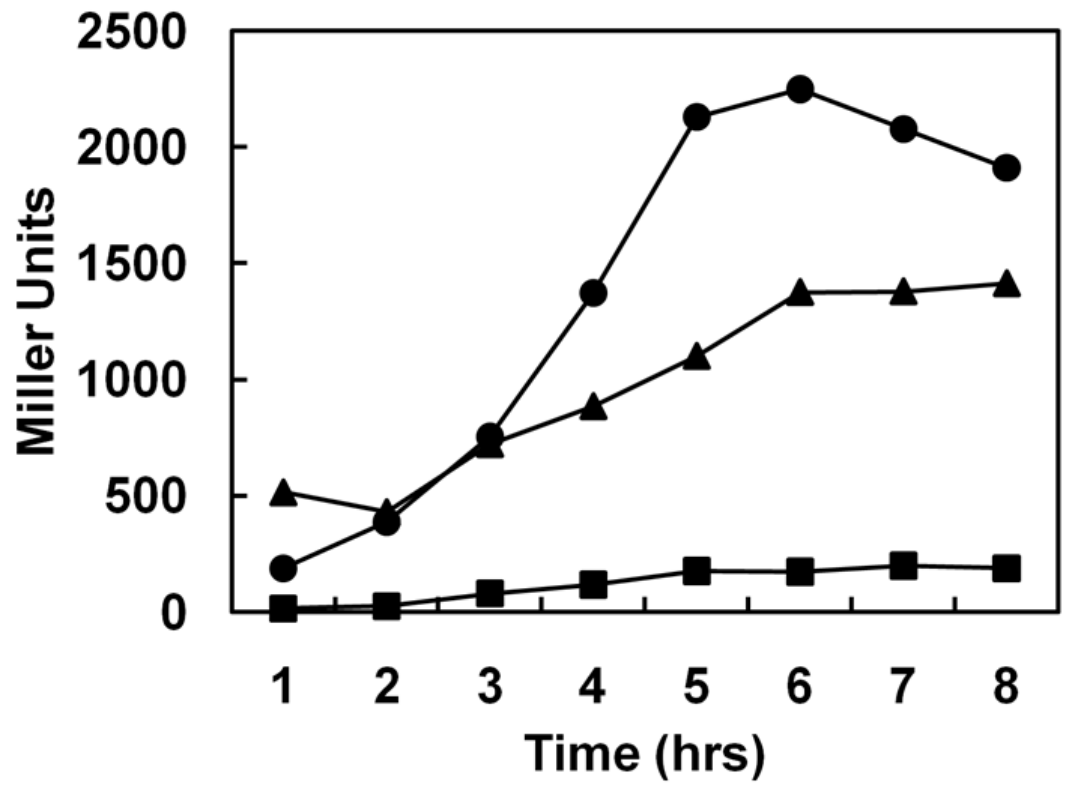
P2, SP2, SP3, SP4, SP5

1   CATCA*GAATT* *C*GTTTAAATT GGACAGCCAA AATTAACGAA GAGGTATTAA
      *EcoR*I

51   TTTTTACCAA TCGTTTATCA GATTATTTTT ATGCGTTGGC TCGCTGTTTA

101 AATGTTCAAG CACAACGACC TGATGTTTTT TATGAACGAA GCGAAATGGT

      *eut*T (Ef1637)

151 TTTCCATAAA ATTAAAGAAG ATGGATTGTA AACAG<u>TTGCT</u> TTTCTAAAAA
                                           -35   **P2-1**

201 ACTTATGGTA <u>AA</u>TTCAGAT AGATTAAACG AATATTTTAT GAAAAATATG
                  -10

251 AATGGAAGCC AGTGAGAATC TGGCACGGTC CCGCCACTGT GAAGAAGCAA

301 GGTTGCTTTT AAGTCAGGTC TTTTCATTTT TTCATTATTG GGCATGCTGT
                              B12 riboswitch

                              SP3

351 TTCGAGGCAA AACAGGATGT TTCTTAACAA CGCTTGTGTT GAAAATCCAG

          SP2   **SP, SP6**

401 CCCAAGATAT TTGTATTAAT CCAATTAATG GCACGAGGAA GTGCTTTTGG

451 GAATTTTGGG CTGGTCTTTC AATGTTGAAG GAGATTTCAG GTACAATGAC

                              SP4

501 GTACTGCTAT ATTCCCTTTT TTTAT<u>TGACA</u> ATTAATTAAA GGCGTTG<u>TAC</u>
                                 -35   **P2-2**   **-10**
                              SP5, SP6

551 <u>T</u>CTATGGATA AGGTTTCGTG TACAATGGCG TATACATAAG GAAGCAAAGA
                                                anti-terminator

601 CGCTTCAGAC AGATGATTTT TCGTTTGTTT GAAGTGTCTT TTTGTATTTT
      overlap   **terminator**

                              *eut*G (Ef1638)

651 ATTAAGGAGG AATTGAGATG AAAACAATTC ATTTCCCTAC CGAACTATGG

701 GTAGGAGAAG GCGCATTAGC CAATTTGGAA ACACTTCATG ATAGACGTGT

                              P2, SP

751 TTTCATTGTC ACAGATCCAT TCATGGG*GAT* *CC*CTG
                              *BamH*I

Fig. 1S

Fig. 2S

Fig. 3S