

Supplementary information

Supplementary table. Pairs of primers used for cloning *trpF* and *hisA* of *E. coli*, and *priA* of *S. coelicolor* and *M. tuberculosis*.

Primers (5' to 3')	Restriction sites inserted in the 5' end	Gene (organism)	Cloning vector
GGAATTCATATGATTATTCCGGCATTAGA CGGGATCCTGGAAGCGGTGATATCGTAGAACA	<i>NdeI</i> and <i>Bam</i> HI	<i>hisA</i> (<i>E. coli</i>)	pET3a
CCGCTCGAGTGAAGCGGTGATATCGTAGAACA GGAATTCATGATTATTCCGGCATTAGA	<i>XhoI</i> and <i>EcoRI</i>	<i>hisA</i> (<i>E. coli</i>)	pGEX-4T-1
CCGCTCGATGGACGCCCGGCATAGTTTTTCAG GGAATTCATGGCCCATGACGATTTG	<i>XhoI</i> and <i>EcoRI</i>	<i>trpF</i> (<i>E. coli</i>)	pGEX-4T-1
CCCAAGCTTGGACGCCCGCTTCTACTT CGGGATCCGGGCGAAACCGAAGGACTC	<i>HindIII</i> and <i>Bam</i> HI	<i>priA</i> (<i>S. coelicolor</i>)	pMTL22
CCGCTCGAGGGCGAAACCGAAGGACTC CCGGAATTCATGAGCAAGCTCGAAGCTC	<i>XhoI</i> and <i>EcoRI</i>	<i>priA</i> (<i>S. coelicolor</i>)	pGEX-4T-1
CCCTCGAGTTCAACCAGCGGGGCAACCAAC GGAATTCGTGATGCCGCTGATACTTTT	<i>XhoI</i> and <i>EcoRI</i>	<i>priA</i> (<i>M. tuberculosis</i>)	pGEX-4T-1