

SUPPORTING DOCUMENT

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Investigation of the use of self-cleaving intein tag including chitin binding domain in the recombinant production of MPT64, the immunogenic protein of *M. tuberculosis*

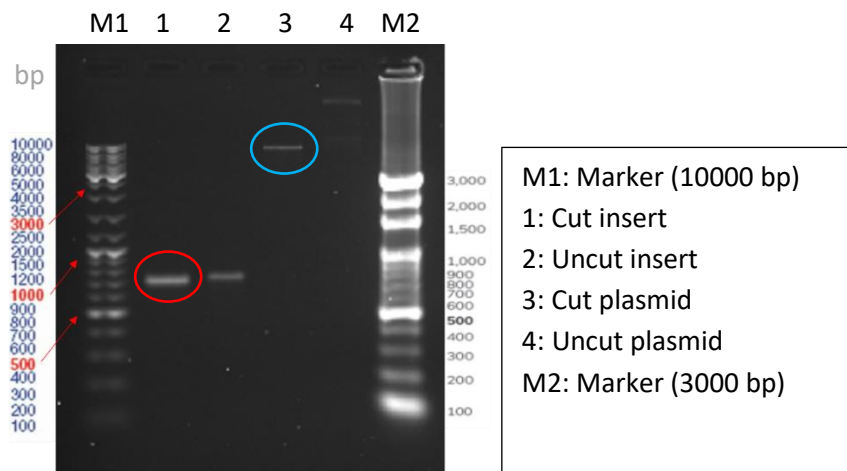


Figure S1. Digested fragment run in electrophoresis gel.

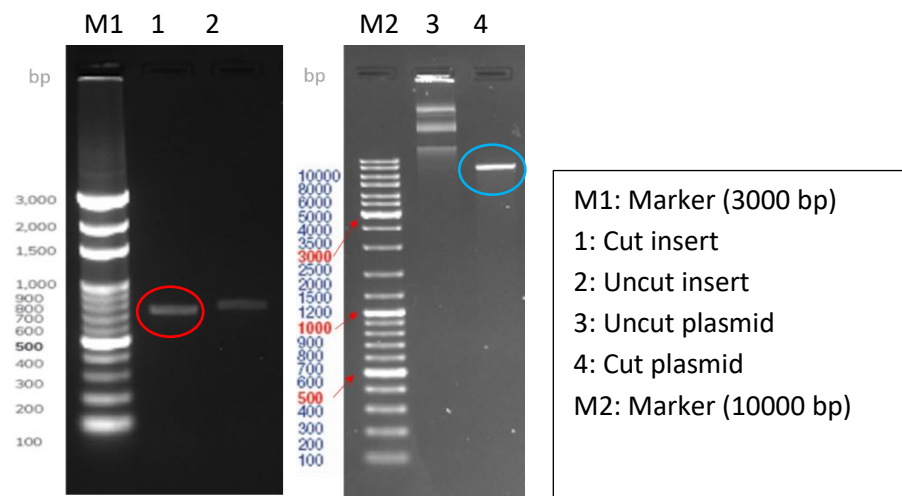
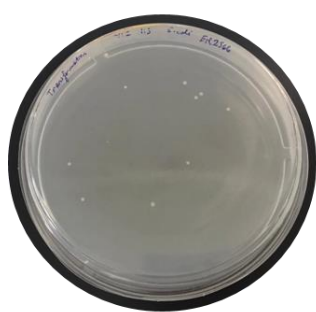
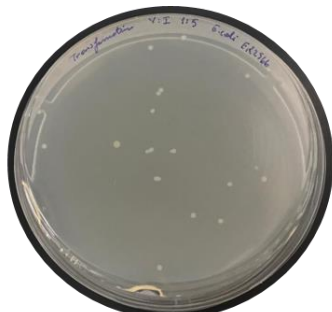


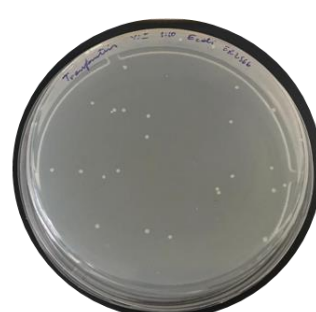
Figure S2: Digested fragment run in electrophoresis gel.



V:I 1:3

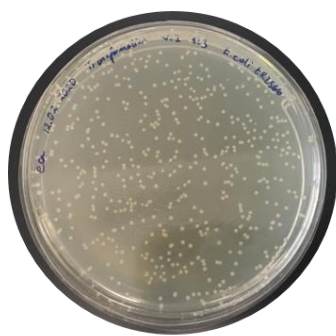


V:I 1:5

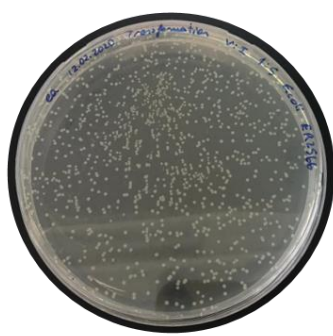


V:I 1:10

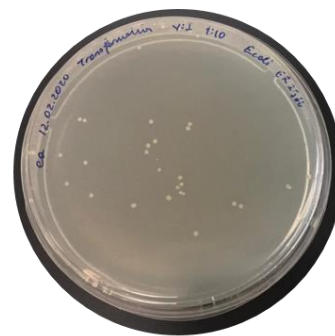
Figure S3. Pictures of agar plates after transformation of pTXB1 with insert into *E.coli* ER2566 at different V:I ratios.



V:I 1:3

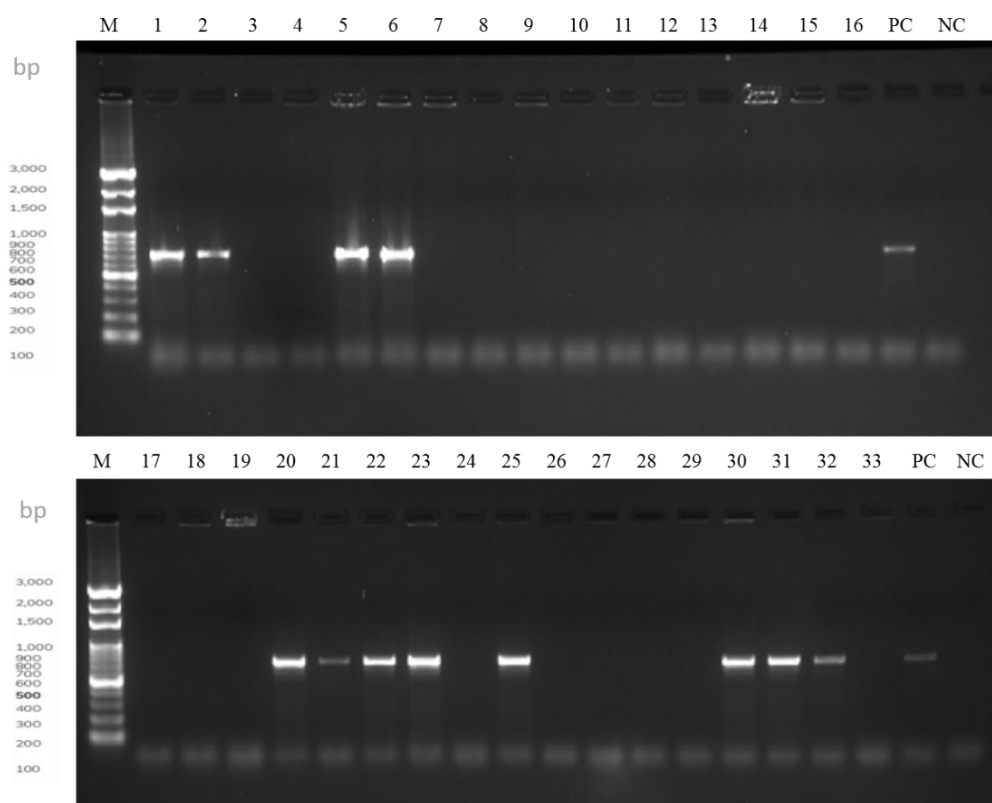


V:I 1:5



V:I 1:10

Figure S4. Pictures of agar plates after transformation of pTYB21 with insert into *E.coli* ER2566 at different V:I ratios.



M: Marker (3000 bp)
1-33: Colony number
PC: Positive control
NC: Negative control

Figure S5. Image of gel electrophoresis after colony PCR.

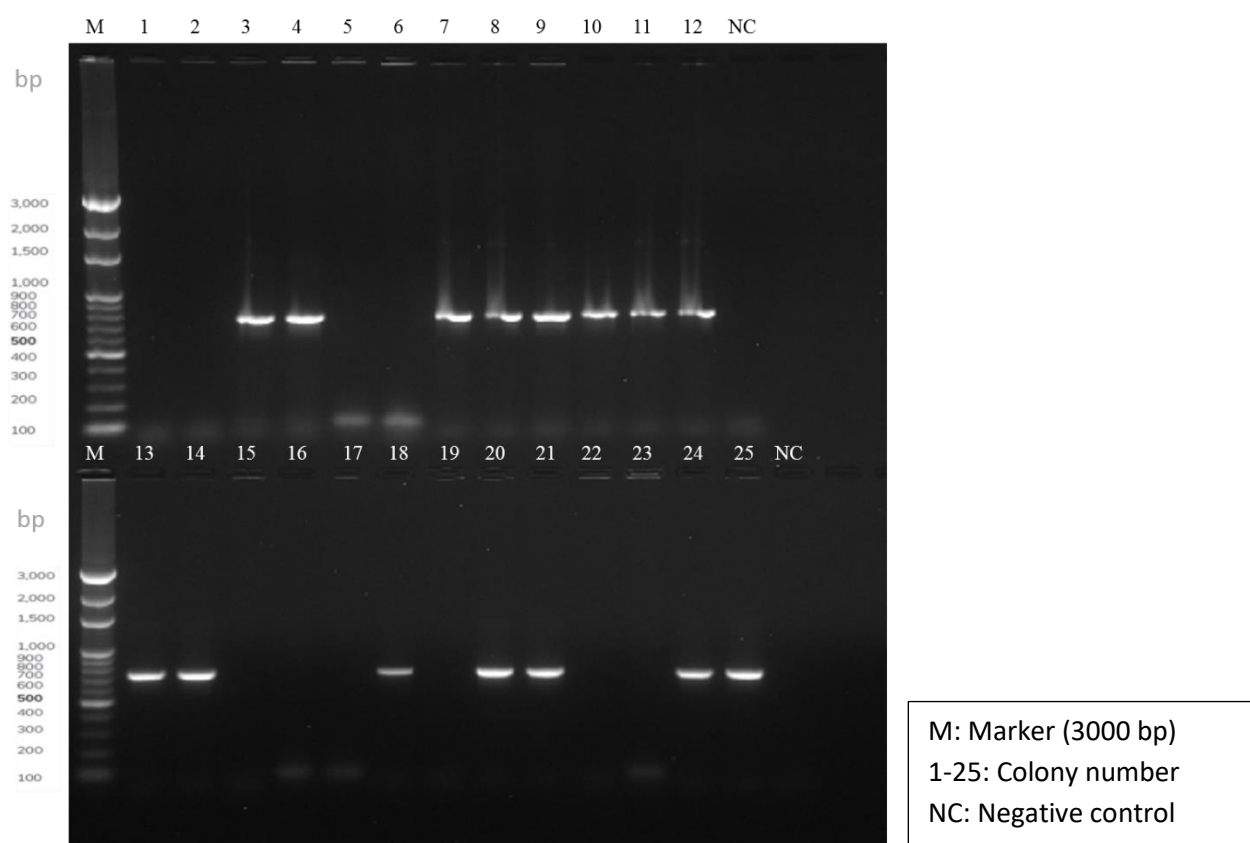


Figure S6. Image of gel electrophoresis after colony PCR.