1 **S1 Table.** List of plasmids used in this study.

| Sl. No. | CONSTRUCT | PLASMID NAME | REFERENCE |
|---------|-----------|--------------|-----------|
| 1       | upstream and downstream sequence to pepN<sub>Mtb</sub> in pKA1 | pNS22 | This Study |
| 2       | pepN<sub>Mtb</sub> in pET28a | pNS23 | This Study |
| 3       | pepN<sub>Mtb</sub> in pDONR221 | pNS24 | This Study |
| 4       | pepN<sub>Mtb</sub> in pTetSG | pNS25 | This Study |
| 5       | 3X flag:: pepN<sub>Msmeg</sub> in pDONR221 | pNS26 | This Study |
| 6       | 3X flag:: pepN<sub>Msmeg</sub> in pTetSG | pNS27 | This Study |
| 7       | pepN<sub>Msmeg</sub> in pDONR221 | pNS28 | This Study |
| 8       | pepN<sub>Msmeg</sub> in pTetSG | pNS29 | This Study |
| 9       | 3X flag::pepN<sub>Mtb</sub>-GAMEN into pDONR221 | pNS30 | This Study |
| 10      | 3X flag::pepN<sub>Mtb</sub>-GAMEN-HEXXH into pDONR221 | pNS32 | This Study |
| 11      | 3X flag::pepN<sub>Mtb</sub>-GAMEN-HEXXH into pTetSG | pNS35 | This Study |
| 12      | Last 1 kb of pepN<sub>Msmeg</sub>::ssrA into pKA1 | pNS36 | This Study |
| 13      | Last 1 kb of pepN<sub>Msmeg</sub>::ssrA into pKA2 | pNS38 | This Study |
| 14      | Last 1 kb of pepN<sub>Msmeg</sub> into pKA2 | pNS39 | This Study |
| 15      | Gateway entry vector | pDONR221 | Invitrogen |
| 16      | Tet-inducible Gateway destination vector for mycobacteria | pTetSG | [1] |
| 17      | *E. coli* expression vector | pET28a | Novagen |
| 18      | pJM1 derivative with extended MCS (Hyg<sup>R</sup>) | pKA1 | This study |
| 19      | pKA1 with Kanamycin as selection marker | pKA2 | This Study |

2

3 **Reference**

4 1. Garces A, Atmakuri K, Chase MR, Woodworth JS, Krastins B, Rothchild AC, et al. EspA

5 Acts as a Critical Mediator of ESX1-Dependent Virulence in Mycobacterium tuberculosis by Affecting Bacterial Cell Wall Integrity. PLoS Pathogens. 2010;6.

6 doi:10.1371/journal.ppat.1000957