

| Epitope PPE10₂₂₁₋₂₃₅ | Protein Number | Amino acid Sequence Identity | Sequence identity (100%) |
|--------------------------------------------|---------------------------|----------------------------------------------------|-------------------------------------|
| PPE10 | Rv0442c | GSGNTGSGNLGLGNL | 100 |
| PPE13 | Rv0878c | GSGN EG SGNL GF GNL | 86.7 |
| PPE39 | Rv2353c | GF GNTGSGN FG FGNT | 80.0 |
| PPE53 | Rv3159c | GSGNTG STN FG GG NL | 80.0 |
| PPE16 | Rv1135c | GSGN DGN GN F GLGNI | 73.3 |
| PPE21 | Rv1548c | GSGN L GSGN I FGNK | 73.3 |
| PPPE56 | Rv3350c | GL GN VGD NLGLGNI | 73.3 |
| PPE40 | Rv2356c | GF GNTGSGN FG FGNT | 73.3 |
| PPE55 | Rv3347c | GSGN V GF GNM GVGNI | 66.7 |
| PPE34 | Rv1917c | G I GNTG TGN FG I GN S | 66.7 |
| PPE6 | Rv0305c | G I GN S GTGN F GLGNT | 66.7 |
| PPE8 | Rv0355c | G I GNTG TGN I F FGNT | 66.7 |
| PPE5 | Rv0304c | G I GNTG TGN FG I GN S | 66.7 |
| PPE62 | Rv3533c | G T GN A GSGN I GAGNT | 66.7 |
| PPE54 | Rv3343c | GSGN V GS YN VGAGN V | 66.7 |
| PPE24 | Rv1753c | GF GN L GS NN VGVGNL | 66.7 |
| PPE42 | Rv2608 | A SGN L GSGN V GVGNI | 66.7 |
| PPE64 | Rv3558 | G A GN V GTGN I FGN Q | 60.0 |
| PPE35 | Rv1918 | G I GN A GANN F GLANL | 60.0 |

| Epitope PPE10₃₈₁₋₃₉₅ | Protein Number | Amino acid Sequence Identity | Sequence identity (100%) |
|--------------------------------------------|---------------------------|---------------------------------------------------|-------------------------------------|
| PPE10 | Rv0442c | NVLNSGLTNT P VAA P | 100 |
| PPE12 | Rv0755c | G FLNSGLTNT GF AN S | 60.0 |
| PPE8 | Rv0355c | G LLN A GLVNT G IAN P | 53.3 |

S3 Table. Sequence identity determined by BlastP search of immunogenic epitopes against the genome of *M. tuberculosis* H37Rv [29,106]. Black letters indicate identical amino acids. Red letters indicate non-identical amino acids. Top: homologues of the MPTR-containing peptide PPE10₂₂₁₋₂₃₅ ordered by percentage of sequence identity. Bottom: Homologues of the peptide PPE10₃₈₁₋₃₉₅, which is part of the C-terminal secreted domain of PPE10.