

Supplementary Table 7: Blast search of the top 12 peptide exclusively recognized in healthy, PPD-, Quantiferon-negative individuals.

YNGWDINTPAFEWYY-030 (CAB10044, Rv1886c)

YNGWDINTPAFEWYY	M.tuberculosis
YNGWDINTPAFEWYY	M.marinum
YNGWDINTPAFEWYY	M.ulcerans
YNGWDINTPAFEWYY	M.bovis
YNGWDINTPAFEWYY	M.avium
YNGWDINTPAFEWYY	M.intracellulare
YNGWDINTPAFEW F Y	M.smegmatis
YNGWDINTPAFEW F Y	M.vanbaalenii

SPACGKAGCQTYKWE-042 (CAB10044, Rv1886c)

SPACGKAGCQTYKWE	M. tuberculosis
SPACGKAGCQTYKWE	M. bovis
SPACGKAGCQTYKWE	M. leprae
SPACGKAGC S TYKWE	M. gilvum
-PACGKAGC T TYKWE	M. marinum
-PACGKAGC T TYKWE	M. avium
-PACGKAGC S TYKWE	M. vanbaalenii
-PACGKAGC S TYKWE	M. flavescens

PLIFALYCLPLNWLR-063 (CAB05418, Rv2958c)

PLIFALYCLPLNWLR	M. tuberculosis
PLIFALYCLPLNWLR	M. bovis
PLIFALYCLPLNW R	M.leprae
LYCLPL HWM *	Infectious hypodermal & hematopoieticnecrosis virus

TVFKLTADGVLTAPQ-056 (M95808)

TVFKLTADGVLTAPQ	M. tuberculosis
TVFKLTADGVLTAPQ	M. bovis
TVF N L T ADGVLTAP E	M. leprae
KLTADGV S L TAKQ *	Caenorhabditis elegans
TVFKL S LDGVL*	Parabacteroides merdae
KLT S LDGVL*	Plasmodium vivax
ADGVLTAP*	Methylobacterium sp.

SSGAALLGSPGQAY-063 (M95808)

SSGAALLGSPGQAY	M. tuberculosis
SSGAALLGSPGQAY	M. leprae
SSGAALLGSPGQAY	M. bovis
SSGAAL M GSPGQAY	M. marinum
SSGAAL M GSPGQAY	M. ulcerans
SS S SALLGSPGQAY	Streptomyces fradiae
SS A AGLLGSPGQAY	Streptomyces sp
SS A AAL V GSPGQAY	M.smegmatis
SS A AAL V GSPGQAY	M. avium

VHPLLGSVRLTEEP-029 (M95808)

VHPLLGS HVRLTEEP	M. tuberculosis
VHPLLGS HVRLTEEP	M. bovis
VHPLLGS HVRLPEEP	M. avium
VHPLLGAHVRLAEEP	M. abscessus
VHPLLGS HVRLLEEP	M. leprae
VHPLLGS HVVLPQEP	M. smegmatis
HPLLGS VVRLAE*	Streptomyces hygroscopicus

AVDALTEYGLLRGSW -018 (CAA16235, Rv3922c)

AVDALTEYGLLRGSW	M. tuberculosis
AVDALTEYGLIRGTW	M. smegmatis
AVDALSEYGLIRGSW	M. ulcerans
AVDALDEYGLIRGSW	M. avium
YGLLRGSW*	Novosphingobium aromaticivorans
YGLLRGSW*	Rhodopseudomonas palustris
VDGLTESGLLRG*	Saccharopolyspora erythraea NRRL 2338

AAAAMAAAAAPYAGW-021 (YP_177963, Rv3347c)

AAAAMAAAAAPYAGW	M. tuberculosis
AAAAMAAAAAPYAGW	M. marinum
AAAAMAAAAAPYAGW	M. bovis
AAAAMAAAAAPYAGW	M. ulcerans

FRLPLLFVNALGDNW-578 (YP_177963, Rv3347c)

FRLPLLFVNALGDNW	M. tuberculosis
FRLPLLFVNALGDNW	M. bovis
FR-PLLFVNAL*	Marinobacter algicola
FKLPLLFVIAL*	Lactococcus lactis
FRVPLLFVAAL*	Aspergillus clavatus
FR-PLLFINAL*	Marinobacter aquaeolei

NIGNANVGFGNIGHG-674 (YP_177963, Rv3347c)

NIGNANVGFGNIGHG	M. tuberculosis
NIGNANVGFGNIGHG	M. bovis

NRTLLSLMDAWAGPV-016 (CAE55489, Rv2430c)

NRTLLSLMDAWAGPV	M. tuberculosis
NRTLLSLMDAWAGPV	M. bovis
TLLDLMDAWA*	Akkermansia muciniphila

AMTRAASPYVGLWNT-022 (CAE55489, Rv2430c)

AMTRAASPYVGLWNT	M. tuberculosis
AMTRAASPYVGLWNT	M. bovis