

**Supplemental Table 1. 54 positive peptides identified upon deconvolution.<sup>1</sup>**

Antigen	Position	Sequence	Magnitude	Frequency	# Animals
Rv0125	306-320	AVDGAPINSATAMAD <sup>1</sup>	83.3	14%	2
Rv0288	1-15	MSQIMYNYPAMLGHA	31.7	7%	1
Rv0288	11-25	MLGHAGDMAGYAGTL	30.0	7%	1
Rv0288	21-35	YAGTLQSLGAEIAVE	20.0	7%	1
Rv0288	41-55	SAWQGDTGITYQAWQ <sup>2</sup>	70.0	7%	1
Rv0288	46-60	DTGITYQAWQAQWNQ	61.7	7%	1
Rv0288	61-75	AMEDLVRAYHAMSST	265.0	21%	3
Rv0288	66-80	VRAYHAMSSTHEANT	248.3	21%	3
Rv0288	71-85	AMSSTHEANTMAMMA	36.7	7%	1
Rv0288	76-90	HEANTMAMMARDTAE	43.3	7%	1
Rv0288	81-95	MAMMARDTAEAAKWG	33.3	7%	1
Rv1196	6-20	ALPPEINSARMYAGP	36.7	7%	1
Rv1196	21-35	GSASLVAAAQMWDSDV	86.7	7%	1
Rv1196	26-40	VAAAQMWDSDVSDLF	61.7	7%	1
Rv1196	31-45	MWDSVASDLFSAASA	23.3	7%	1
Rv1196	36-50	ASDLFSAASAFQSVV	31.7	7%	1
Rv1196	46-60	FQSVVWGLTVGSWIG	45.0	7%	1
Rv1196	51-65	WGLTVGSWIGSSAGL	36.7	7%	1
Rv1196	56-70	GSWIGSSAGLMVAAA	25.0	7%	1
Rv1886c	236-250	QIPKLVANNTLWVY	130.0	7%	1
Rv1886c	241-255	VANNTLWVYCGNGT	75.0	7%	1
Rv2608	286-300	PLLEYAARFITPVHP	30.0	7%	1
Rv2608	291-305	AARFITPVHPGYTAT	30.0	7%	1
Rv2608	301-315	GYTATFLETSPQFFP	31.7	7%	1
Rv2608	326-340	VSVAQGVNTLHTAIM	30.0	7%	1
Rv2608	366-380	RYLQSLPAHLRPLD	26.7	7%	1
Rv2608	486-500	LLPSQDLPLLVPLRA	30.0	7%	1
Rv2608	496-510	VPLRAIPLLGNPLAD	21.7	7%	1
Rv2608	561-575	DALSGLGLPPPWQPA	21.7	7%	1
RV3619	6-20	QFGDVDAHGAMIRAQ	75.0	7%	1
Rv3619	76-90	QAAGNNMAQTDSAVG	183.3	14%	2
Rv3619	80-94	NNMAQTDSAVGSSWA	173.3	14%	2
Rv3874	1-15	MAEMKTDAAATLAQEA	36.7	7%	1
Rv3874	11-25	LAQEAGNFERISGDL	21.7	7%	1
Rv3874	31-45	QVESTAGSLQGQWRG	83.3	14%	2
Rv3874	41-55	GQWRGAAGTAAQAAV	70.0	7%	1
Rv3874	46-60	AAGTAAQAAVRFQE	95.0	14%	2
Rv3874	51-65	AQAAVVRFQEAANKQ	1146.6	21%	3
Rv3874	56-70	VRFQEAANKQKQELD	783.3	7%	2
Rv3874	61-75	AANKQKQELDEISTN	23.3	7%	2
Rv3874	66-80	KQELDEISTNIRQAG	20.0	7%	2
Rv3874	71-85	EISTNIRQAGVQYSR	745.0	36%	5
Rv3874	76-90	IRQAGVQYSRADEEQ	426.7	29%	4
Rv3874	81-95	VQYSRADEEQQALS	75.0	21%	3
Rv3875	1-15	MTEQQWNFAGIEAAA	2836.7	57%	8
Rv3875	6-20	WNFAGIEAAAASAIQG	2633.3	57%	8
Rv3875	11-25	IEAAASAIQGNVTSI	318.3	7%	1
Rv3875	16-30	SAIQGNVTSIHSLLD	41.7	7%	1
Rv3875	46-60	SGSEAYQGVQKQWDA	43.3	7%	1
Rv3875	51-65	YQGVQKQW DATATEL	375.0	29%	4
Rv3875	56-70	QKWDATATELNNALQ	131.7	29%	4
Rv3875	71-85	NLARTISEAGQAMAS	50.0	7%	1
Rv3875	76-90	ISEAGQAMASTE GNV	53.3	7%	1
Rv3875	81-95	QAMASTE GNV TGMFA	35.0	7%	1

<sup>1</sup> Antigens that were initially tested positive were deconvoluted into their individual peptides and tested in the ELISPOT system.