

Supplemental Table 1A

This table includes the taxonomically significant peptides from HeLa cultured VACV samples purified by filter purification.

The peptide, uniprot ID and protein name from one of the homologous proteins is provided. The species specificity is provided along with the frequency of observation (n = 10).

Peptides observed in more than replicate data set are included.

Peptide	Uniprot ID	Protein Description	Specificity	Freq.
LLNENSYVPR	P02786	protein 1	Primates, racoon	0.9
LATQLTGPVMPVR	A8K4C8	60S ribosomal protein L13	Homo sapiens	0.8
HVGK	B0JYN6	Alpha-2-HS-glycoprotein	Bos taurus	0.8
LAVDEEENADNNTK	F8WBE5	protein 1	Great Apes	0.8
VTLTSEEEAR	B4DJI1	L-lactate dehydrogenase	Primates, Hamster	0.7
LGEYGFQNELIVR	B0JYQ0	ALB protein	Bos taurus	0.6
GTVTDFPGFDER	D6RCN3	Annexin A5	Elephant	0.6
YTPSGQAGAAASESLF		Fructose-bisphosphate	Great apes, cucumber	
VSNHAY	H3BR68	aldolase A (Fragment)	and some rodents	0.6
VGGHAAEYGAELER	P01966	Hemoglobin subunit alpha	Bos taurus	0.6
ALTGHLEEVVLALLK	P04083	Annexin A1	some rodents	0.5
AQGPAASAEPPKVEA		Brain acid soluble protein		
PAANSDQTVTVKE	P80723	1	Homo sapiens	0.5
FYALSASFEPFSNK	P27797	Calreticulin	Primates not gorilla	0.5
PK	P02081	beta	Bos taurus	0.5
NLK	F5H6B1	protein 1	Gorilla	0.5
K	P02786	protein 1	Primates	0.5
YNSQLLSFVR	P02786	protein 1	Great Apes	0.5
TPIVGQPSIPGGPVR	B0JYN6	Alpha-2-HS-glycoprotein	Bos taurus	0.4
AGTDLLNFLSSFIDPK	P81644	Apolipoprotein A-II	Bos taurus	0.4
SELPLDPLPVPTEEGNP		Neutral amino acid		
LLK	B4DWS4	transporter B(0)	Great apes	0.4
ADLLLSTQPGREEGSPL		4F2 cell-surface antigen		
ELER	B4E2Z3	heavy chain	Primates	0.3
TVMENFVAFVGK	B0JYQ0	ALB protein	Bos taurus	0.3
			Bos taurus + Ovis	
HTLNQIDSVK	P12763	Alpha-2-HS-glycoprotein	aries	0.3

QDGQFSVLFTK	P12763	Alpha-2-HS-glycoprotein	Bos taurus + Ovis aries	0.3
GAGTNEDALIEILTTR	P12429	Annexin A3	Great Apes, elephant, bat and squirrel	0.3
ALGLGVEQLPVVFEDV				
VLHQATILPK	P49327	Fatty acid synthase	Great Apes	0.3
TLLEGSGLSEIISIIHSSL				
AEPR	P49327	Fatty acid synthase	Homo sapiens/Bovine	0.3
YVNWIIQQTIAAN	Q9D7Y7	Putative uncharacterized protein	Mus musculus and pig	0.3
DAFLGSFLYEYSR	P02769	Serum albumin	Bos taurus, Zebu	0.3
LVNELTEFAK	P02769	Serum albumin	Bos taurus	0.3
YAPTEAQLNAVDALID		X-ray repair cross-complementing protein 5	Primates	0.3
SMSLAK	P13010			
SVLGDVGITEVFSDR	P34955	Alpha-1-antiproteinase	Bos taurus	0.2
TGHLEEVVLALLK	P04083	Annexin A1	Primates, Rabbit, some rodents	0.2
GIGTDEFTLNR	P12429	Annexin A3	Great Apes	0.2
EQFLDGDGWTSR	P27797	Calreticulin	Primates	0.2
TIGTGLVTNTLAMTEE		Elongation factor Tu, mitochondrial	Human Chimp and Gorilla	0.2
EK	P49411			
DLNSDMDSILASLK	E9KL44	Epididymis tissue sperm binding protein Li 14m	Primates	0.2
AG AHLQGGAK	A4UCT1	Glyceraldehyde-3-phosphate dehydrogenase	Primates	0.2
AVEHLDDLPGALSELS				
DLHAHK	P01966	Hemoglobin subunit alpha	Bos taurus, Yak	0.2
LLSHSLLVTLASHLPSD				
FTP AVHASLDK	P01966	Hemoglobin subunit alpha	Bos taurus, Yak	0.2
GFGFV TYATVEKVDA		Heterogeneous nuclear ribonucleoprotein A1	Macaca mulatta	0.2
AMNARPHK	Q28521			
ALAAPAAEEKEEAR	Q01650	Large neutral amino acids transporter small subunit 1	Primates	0.2
LCYVALGF EQEMATA		Putative uncharacterized protein		
ASSSLEK	Q3TIJ9		Mus musculus	0.2
RHPEYAVSVLLR	P02769	Serum albumin	Bos taurus + Ovis aries	0.2
EAGSQKDENLALYVEN		Transferrin receptor protein 1		
QFR	P02786		Great Apes	0.2
DDEAAAVALS SLIHAL		X-ray repair cross-complementing protein 5	Primates	0.2
DDLDMVAIVR	P13010			