

Supplemental Table 2A

This table includes the taxonomically significant peptides from Vero cell cultured VACV samples purified by sucrose cushion and one sucrose gradient purified.

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 = 12).

Peptides observed in more than replicate data set are included.

Peptide	Uniport ID	Protein Description	Organism Specificity	Freq.
ISQTYQQQYGR	F6TG27	Annexin A4	Primates	0.33
FENAFLSHVISQHQALLG TIR	F7ETD0	ATP synthase subunit alpha	Primates	0.75
YGLIPEEFFQFLYPK	F7EHQ1	ATP synthase subunit beta	Primates	0.75
FSPLTTNLLINLLAENGR	F6S4N7	ATP synthase subunit O, mitochondrial	Primates	0.33
LATQSNEITIPVTFESR	F6XTF7	Heat shock protein beta-1	Primates	0.83
TIAQGNLSNTDVQAAK	P22695	Cytochrome b-c1 complex subunit 2, mitochondrial	Primates and Pig	0.50
GGPGSAVSPYPTFNPSSD VAALHK	F7D2H1	Annexin A1	All Primates plus elephant	0.33
VDFPQDQLTALTGR	F6YCN0	Malate dehydrogenase (Fragment)	All Primates scattered mammals	0.33
VSLDVNHFAPDELTVK	F6XTF7	Heat shock protein beta-1	All Primates, plus mouse	0.17
LAALPENPPAIDWAYYK	F7HS39	ATP synthase subunit d, mitochondrial	Most Primates	0.33
FFESFGDLSSADAILGNP K	P02081	Hemoglobin fetal subunit beta	Bos taurus	0.08
AVEHLDDLPGALSELSDL HAHK	P01966	Hemoglobin subunit alpha	Bos taurus	0.08
VGGHAAEYGAEALER	P01966	Hemoglobin subunit alpha	Bos taurus	0.33

LHTEGDKAFVDFLNDEIK EER	Q9MZE0	Complement component 1 Q subcomponent- binding protein, mitochondrial	African Green Monkey	0.33
TIGTGLVTDPTMTEEDK	F7E244	Elongation factor Tu ATP synthase subunit	Horse	0.42
ELAEAQDDSSILK	Q06185	e, mitochondrial	Mouse	0.08
ITKFENAFLSHVISQHQ LLGTIR	F7ETD0	ATP synthase subunit alpha	Primates, no great apes	0.17
GDSPVQGTINFEQK	Q8HXQ0	Superoxide dismutase [Cu-Zn]	Primates, no great apes	0.17
LTEANPVDKVK	F7H0R4	39S ribosomal protein L12, mitochondrial	Primates, no great apes	0.17
TLSSIATSTDAASVVHST DLVVEAIVENLK	F7DIX8	Hydroxyacyl- coenzyme A dehydrogenase	Primates, no great apes	0.83
GILGYTEHQVVSDFNSD THSSTFDAGAGIALNDHF VK	F6ZXW5	Glyceraldehyde-3- phosphate dehydrogenase	Some Primates	0.25
VAASVLNPYVK	F6S4N7	ATP synthase subunit O, mitochondrial	Primates	0.33
GINTLVTYDLVPEPK	Q53CF8	Cytochrome c oxidase subunit 5A	Some Primates	0.25
LPEEWSQWLGGSSWPGY VRPLPPAAIESPAVAAPA YSR	F6XTF7	Heat shock protein beta-1	Some Primates	0.17
TSSAETPTIPLGSAVEAIK	F7A1P8	Mitochondrial inner membrane protein	Some Primates	0.67
LANQFAIYKPVTDFFLQL VDAGKVDDAR	F7FU95	Leucine-rich PPR motif-containing protein, mitochondrial	Some Primates	0.17
HVGD LGNV TAGK	Q8HXQ0	Superoxide dismutase [Cu-Zn]	Macaque, Pig, Mouse	0.58