

These tables includes the taxonomically significant peptides from Vero cell cultured VACV samples purified by sucrose cushion, two sucrose gradients with and without CsCl gradient.

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.

Peptides observed in more than replicate data set are included.

Supplemental Table 2B
Sucrose cushion and two sucrose gradient purified, n = 13

Peptide	Uniport ID	Protein Description	Organism Specificity	Freq.
YGLIPEEFFQFLYPK	F7EHQ1	ATP synthase subunit b, mitochondrial	All Primates	0.38
LATQSNEITIPVTFESR	F6XTF7	Heat shock protein beta-1	All Primates	0.31
LPEEWSQWLGGSSWPGYVR	F6XTF7	Heat shock protein beta-1	All Primates	0.15
PLPPAAIESPAVAAPAYS	F6XTF7	Heat shock protein beta-1	All Primates	0.15
FENAFLSHVISQHQALLGTIR	F7ETD0	ATP synthase subunit alpha	Primates, no great apes	0.62
GVDNTFADELVELSTALEHQ	Q9MZE0	Complement component 1 Q subcomponent-binding protein, mitochondrial	Primates, no great apes	0.62
EYISFLEDLK	Q9MZE0	Uncharacterized protein (A-kinase anchor protein 8 (Homo sapiens))	Primates, no great apes	0.15
GEKDDEDEDVK	F7DSP9	Hydroxyacyl-coenzyme A dehydrogenase	Primates, no great apes	0.31
TLSSIATSTDAASVVHSTDV	F7DIX8	Superoxide dismutase [Cu-Zn]	Primates, no great apes	0.23
VEAIVENLK	F7DIX8	Superoxide dismutase [Cu-Zn]	Primates, no great apes	0.23
GDSPVQGTINFEQK	Q8HXQ0	Superoxide dismutase [Cu-Zn]	Primates, no great apes	0.23
HVGDLGNVTAGK	Q8HXQ0	Superoxide dismutase [Cu-Zn]	Primates, no great apes, Mus musculus, Sus scrofa	0.77

Supplemental Table 2C

**Sucrose cushion, two sucrose
gradient and CsCl gradient
purified, n = 35**

Peptide	Uniport ID	Protein Description	Organism Specificity	Freq.
LPEEWSQWLGGSSWPGYVR PLPPAAIESPAVAAPAYSR	F6XTF7	Heat shock protein beta- 1	All Primates	0.06
GDSPVQGTINFEQK	P62938	Superoxide dismutase [Cu-Zn]	Primates, no great apes Primates, no great	0.09
HVGD LGNV TAGK	P62938	Superoxide dismutase [Cu-Zn]	apes, Mus musculus, Sus scrofa	0.63