

## PEPperCHIP® Vaccinia Virus Antigen Microarray

Product: PEPperCHIP® Peptide Microarray

Organism: Vaccinia Virus

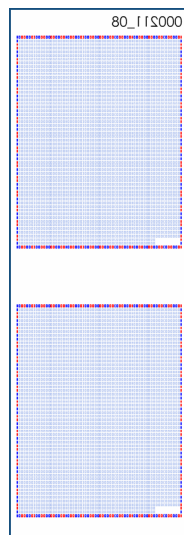
Microarray Content:	Protein	UniProt Entry	Sequence Length
	Putative 21.7k protein	O57265	188 AA
	IMV associated protein p35	O57206	324 AA
	Putative 49.8k protein	O57196	434 AA
	Major core protein P4a	O57223	891 AA
	Interferon antagonist C7L	P68598	150 AA
	Cell surface-binding protein	O57211	304 AA

Sequence Compilation: The protein sequences were translated into 13mer peptides with a peptide-peptide overlap of 11 amino acids. The C- and N-termini of all protein were elongated by neutral GSGSGSG linkers to avoid truncated peptides.

Peptide Length/Overlap: 13 AA/11 AA

Number of Peptides/Spots: 1,165/2,330 (peptide duplicates)

Microarray Layout:



Each PEPperCHIP® is marked with an individual number on the backside of the slide. The slide is placed correctly in an incubation tray with the microarray surface up when the slide number appears in the **upper right corner in a mirror view manner**.

PEPperCHIP® Vaccinia Virus Antigen Microarray contains two array copies and is fully compatible with 3/2 well PEPperCHIP® Incubation Tray.

Each array copy is framed by Flag and HA control peptides (104 spots each peptide).

Microarray Layout Files: Excel: Peptide\_Map\_VacciniaVirus\_Antigen\_Microarray.xlsx

GenePix® Pro: VacciniaVirus\_Antigen.gal

PepSlide® Analyzer: VacciniaVirus\_Antigen.psf