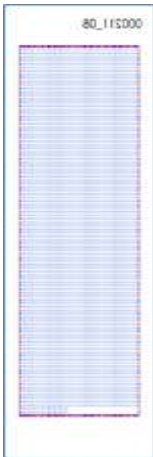


## PEPperCHIP® Oncovirus Epitope Microarray

<b>Product:</b>	PEPperCHIP® Peptide Microarray	
<b>Organisms:</b>	Hepatitis B Virus Hepatitis C Virus Human Herpesvirus 1 Human Herpesvirus 2 Human Herpesvirus 4 Human Herpesvirus 5 Human Papillomavirus	Human T-Lymphotropic Virus 1 JC Polyomavirus Simian Virus 40 Chimpanzee Adenovirus Epstein-Barr Virus Herpes Simplex Virus Human Adenovirus
<b>Microarray Content:</b>	3,653 linear B-cell epitopes of human oncoviruses from the Immune Epitope Database ( <a href="http://www.iedb.org/">http://www.iedb.org/</a> ) including 7 citrullinated peptides and the corresponding arginine variants.  More information on the epitope content is available in the Excel file "Peptide_Map_Oncovirus_Epitope_Microarray.xlsx".	
<b>Epitope Lengths:</b>	3 aa to 50 aa	
<b>Peptide Lengths:</b>	3 aa to 20 aa depending on the given epitope length; longer epitopes were translated into overlapping 20 aa peptides	
<b>Number of Peptides/Spots:</b>	4,463 / 8,926 (peptides in duplicate)	
<b>Microarray Layout:</b>		<p><b>Each PEPperCHIP® Peptide Microarray is marked with microarray ID on the backside of the glass slide. The glass slide is accurately placed in an incubation tray with the microarray surface up if the microarray ID appears in the <b>top right corner</b> in a <b>mirror view</b> manner.</b></p> <p>PEPperCHIP® Oncovirus Epitope Microarray contains a single peptide array and is compatible with a 3/1-well PEPperCHIP® Incubation Tray.</p> <p>Each PEPperCHIP® Oncovirus Epitope Microarray further contains HA, Polio and c-Myc control peptides (40, 52 and 38 spots each control).</p>
<b>Microarray Layout Files:</b>	Excel: Peptide_Map_Oncovirus_Epitope_Microarray.xlsx  GenePix® Pro: Oncovirus_Epitope_Microarray.gal  PepSlide® Analyzer: Oncovirus_Epitope_Microarray.psf	