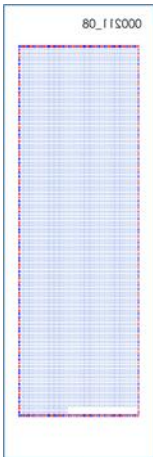


PEPperCHIP® Oncovirus Epitope Microarray

Product:	PEPperCHIP® Peptide Microarray	
Organisms:	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
Microarray Content:	3,653 linear B-cell epitopes of human oncoviruses from the Immune Epitope Database (http://www.iedb.org/) 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".	
Epitope Lengths:	3 aa to 50 aa	
Peptide Lengths:	3 aa to 20 aa depending on the given epitope length; longer epitopes were translated into overlapping 20 aa peptides	
Number of Peptides/Spots:	4,463 / 8,926 (peptides in duplicate)	
Microarray Layout:	 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 top right corner in a mirror view manner. PEPperCHIP® Oncovirus Epitope Microarray contains a single peptide array and is compatible with a 3/1-well PEPperCHIP® Incubation Tray. Each PEPperCHIP® Oncovirus Epitope Microarray further contains HA, Polio and c-Myc control peptides (40, 52 and 38 spots each control).	
Microarray Layout Files:	Excel: Peptide_Map_Oncovirus_Epitope_Microarray.xlsx GenePix® Pro: Oncovirus_Epitope_Microarray.gal PepSlide® Analyzer: Oncovirus_Epitope_Microarray.psf	