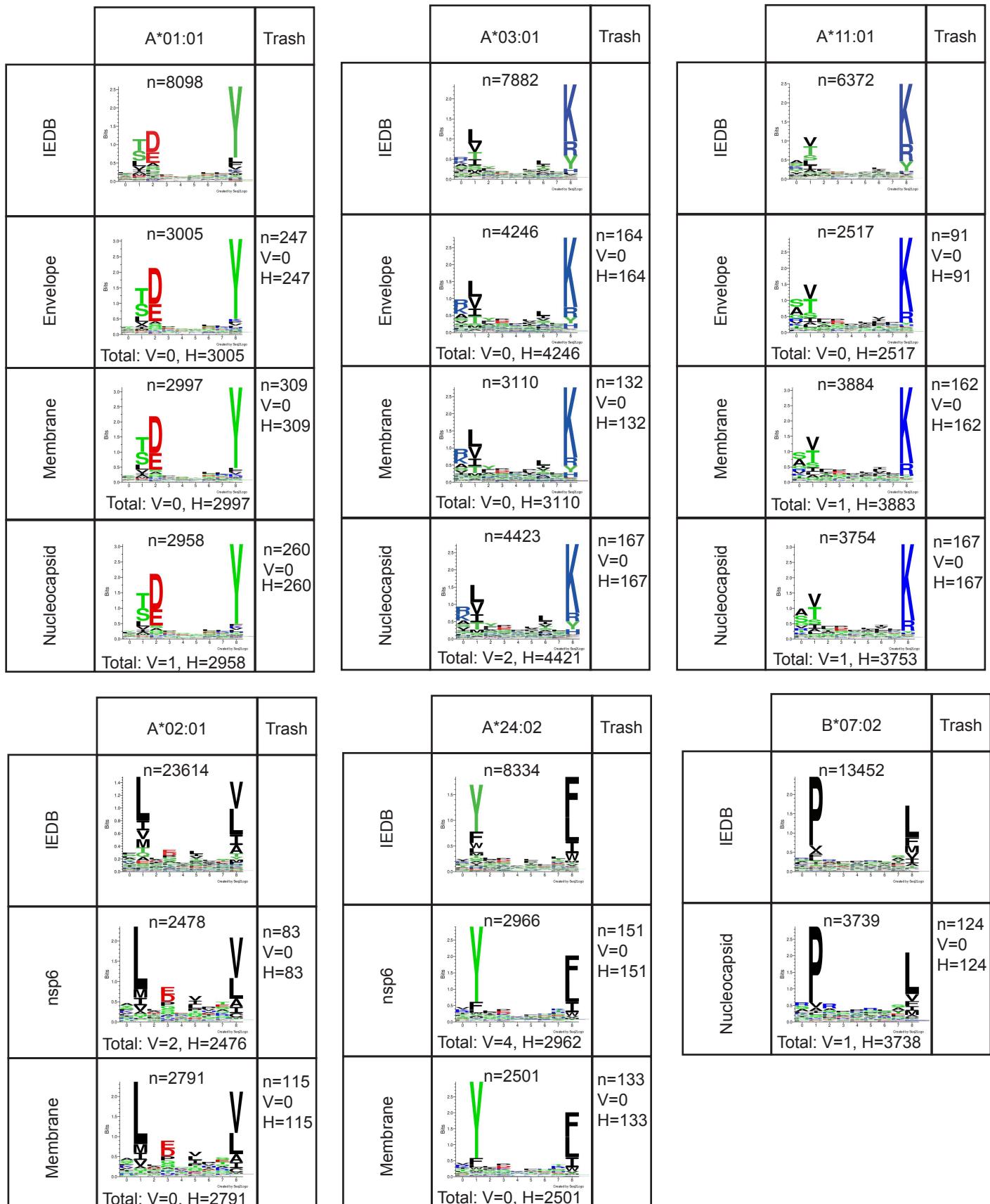
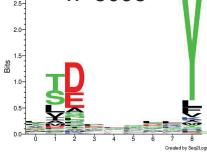
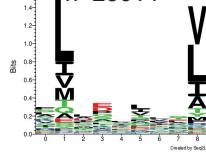
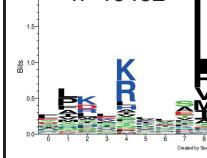
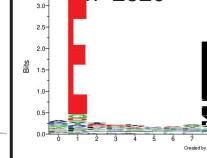
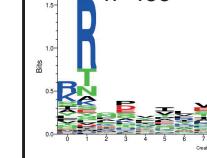
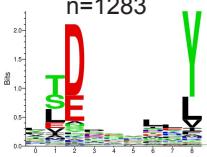
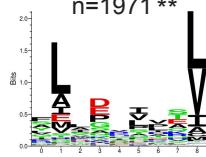
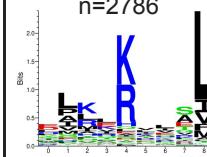
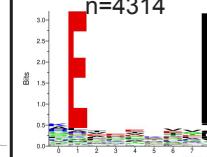
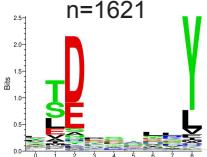
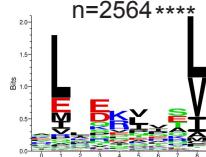
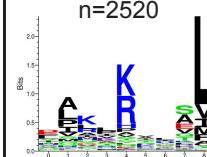
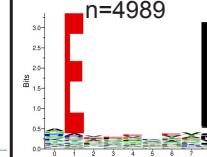
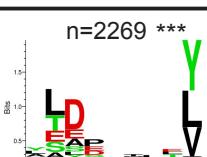
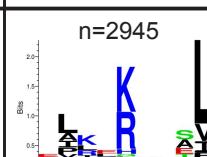
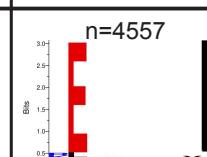
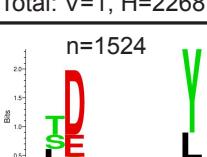
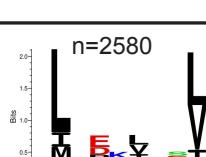
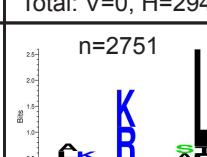
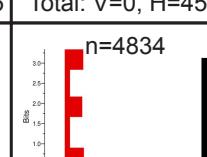
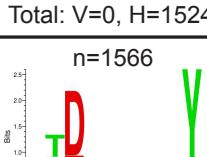
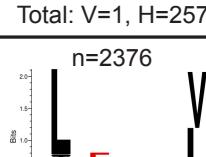
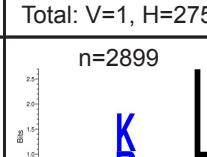
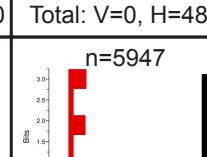


Supplementary Figure 3

Gibbs clustering of identified HLA-I peptides in 721.221 cells



Gibbs clustering of identified HLA-I peptides in IHW01070 cells

	A*01:01	A*02:01	B*08:01	B*40:01	C*04:04	C*07:01	Trash
IEDB	 <p>n=8098</p>	 <p>n=23614</p>	 <p>n=13452</p>	 <p>n=2820</p>	N/A *	 <p>n=455</p>	
Envelope	 <p>n=1283</p>	 <p>n=1971 **</p>	 <p>n=2786</p>	 <p>n=4314</p>			n=239 V=0 H=239
Membrane	 <p>n=1621</p>	 <p>n=2564 ****</p>	 <p>n=2520</p>	 <p>n=4989</p>			n=303 V=0 H=303
Nucleocapsid	 <p>n=2269 ***</p>		 <p>n=2945</p>	 <p>n=4557</p>			n=358 V=0 H=358
nsp6	 <p>n=1524</p>	 <p>n=2580</p>	 <p>n=2751</p>	 <p>n=4834</p>			n=248 V=0 H=248
SARS-CoV-2	 <p>n=1566</p>	 <p>n=2376</p>	 <p>n=2899</p>	 <p>n=5947</p>			n=242 V=0 H=242

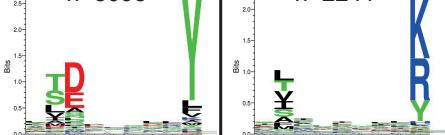
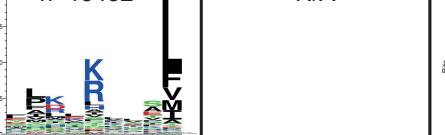
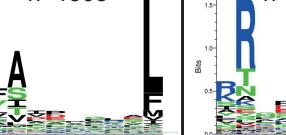
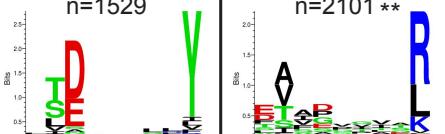
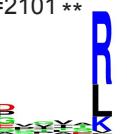
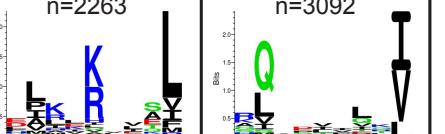
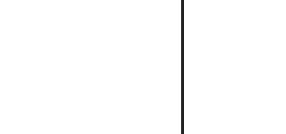
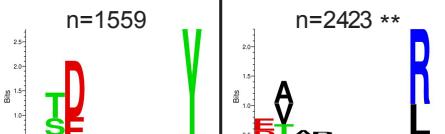
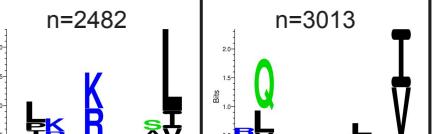
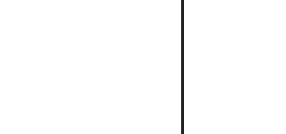
* There are no peptides in the IEDB to create a motif

** This cluster contains also peptides with the B*40:01 motif

*** This cluster contains also peptides with the A*02:01 motif

**** This cluster contains also peptides with the B*08:01 motif

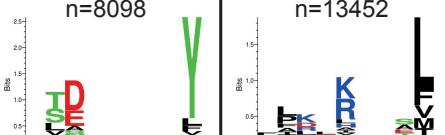
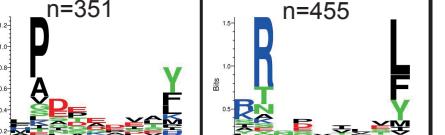
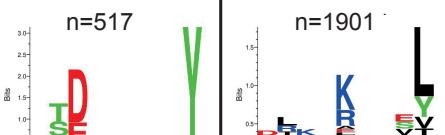
Gibbs clustering of identified HLA-I peptides in IHW01161 cells

	A*01:01	A*68:01	B*08:01	B*13:02	C*03:03	C*07:01	Trash
IEDB	n=8098 	n=2241 	n=13452 	N/A *	n=1305 	n=455 	
Envelope	n=1529 	n=2101 ** 	n=2263 	n=3092 			n=266 V=0 H=266
Nucleocapsid	n=1559 	n=2423 ** 	n=2482 	n=3013 			n=273 V=0 H=273

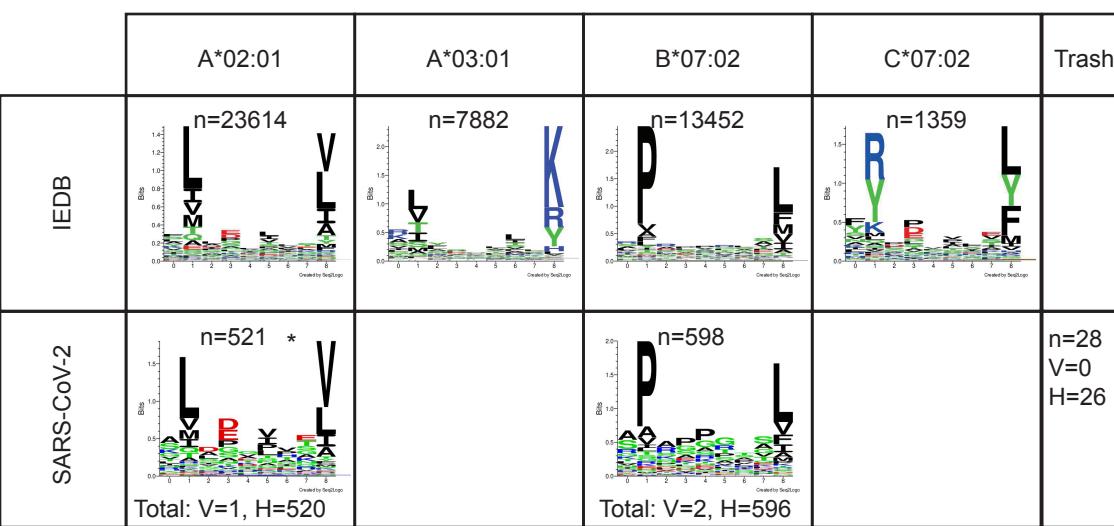
* There are no peptides in the IEDB to create a motif. The motif for this allele was found in HLATHENA.tools, with Q in second position and I/V/L in ninth position

** This cluster contains also peptides with the B*08:01 motif

Gibbs clustering of identified HLA-I peptides in Calu-6 cells

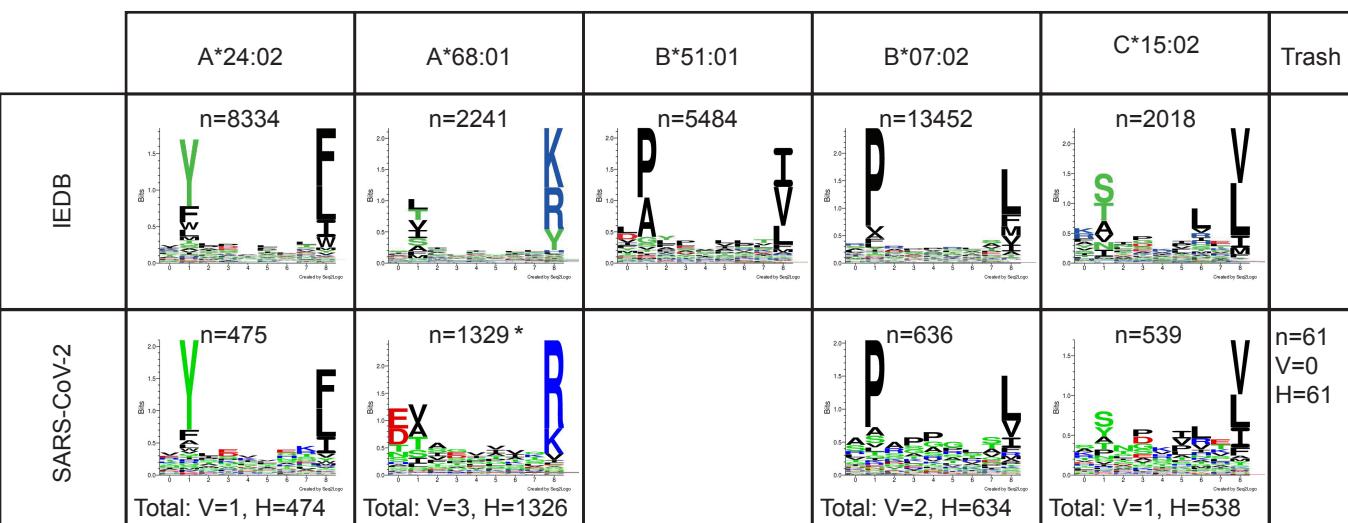
	A*01:01	B*08:01	B*35:08	C*07:01	Trash
IEDB	n=8098 	n=13452 	n=351 	n=455 	
Nucleocapsid	n=517 	n=1901 			n=57 V=0 H=57

Gibbs clustering of identified HLA-I peptides in 293-ACE2 cells



* This cluster contains also peptides with the B*07:02 motif

Gibbs clustering of identified HLA-I peptides in Calu-3 cells



* This cluster contains also peptides with the B*51:01 motif