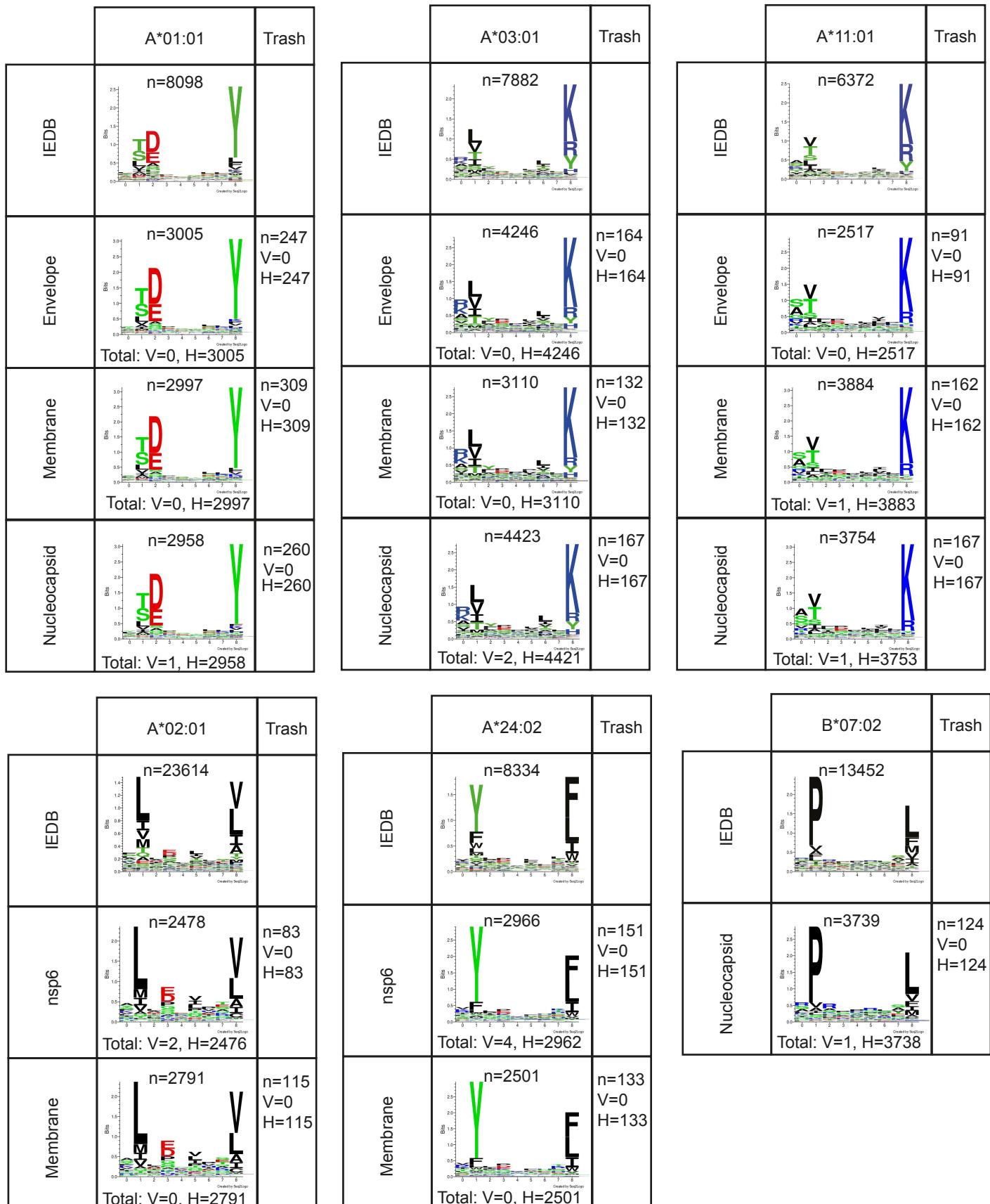


## Gibbs clustering of identified HLA-I peptides in 721.221 cells



# 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>			<p>n=239 V=0 H=239</p>
Membrane	<p>n=1621</p>	<p>n=2564 ****</p>	<p>n=2520</p>	<p>n=4989</p>			<p>n=303 V=0 H=303</p>
Nucleocapsid	<p>n=2269 ***</p>		<p>n=2945</p>	<p>n=4557</p>			<p>n=358 V=0 H=358</p>
nsp6	<p>n=1524</p>	<p>n=2580</p>	<p>n=2751</p>	<p>n=4834</p>			<p>n=248 V=0 H=248</p>
SARS-CoV-2	<p>n=1566</p>	<p>n=2376</p>	<p>n=2899</p>	<p>n=5947</p>			<p>n=242 V=0 H=242</p>

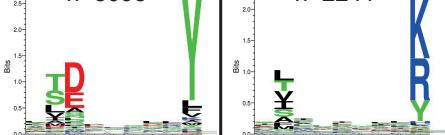
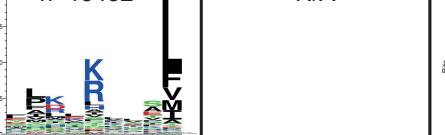
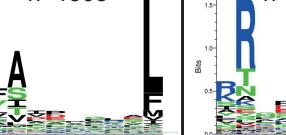
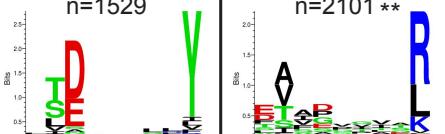
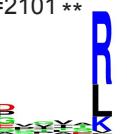
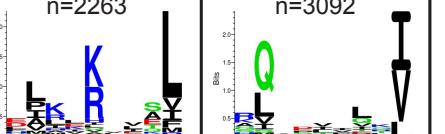
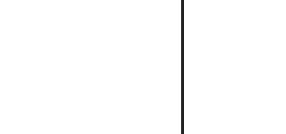
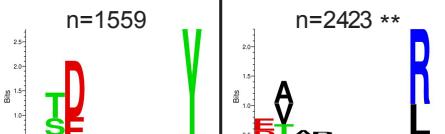
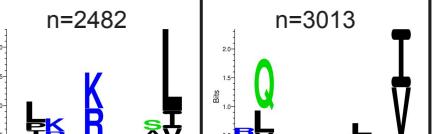
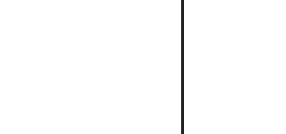
\* There are no peptides in the IEDB to create a motif

\*\* 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

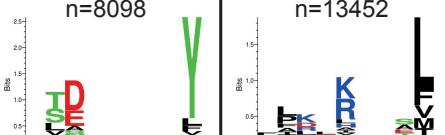
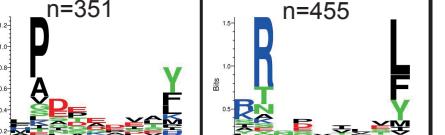
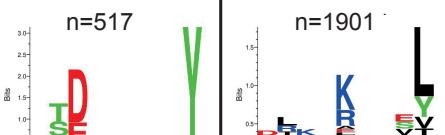
## Gibbs clustering of identified HLA-I peptides in IHW01161 cells

	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

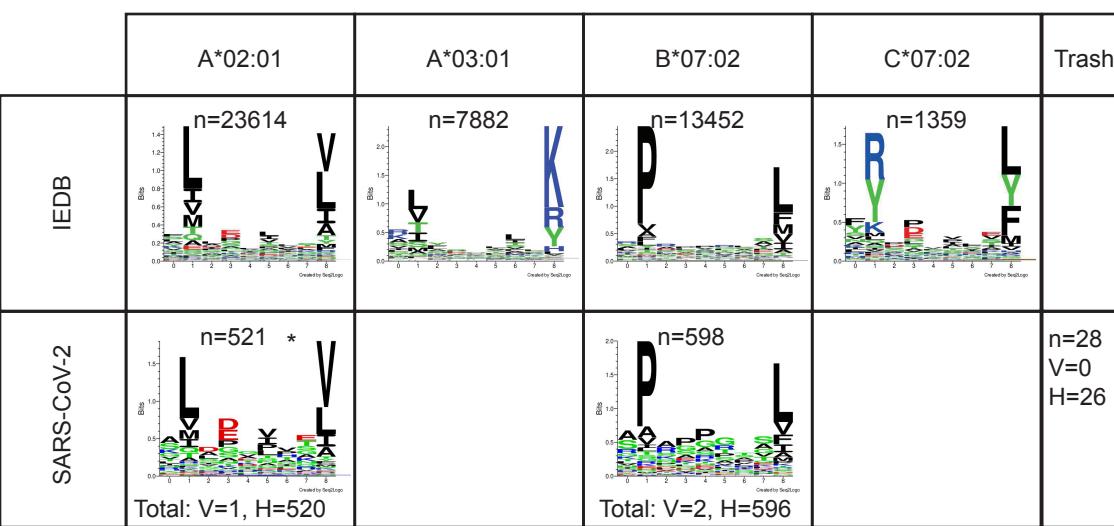
\* There are no peptides in the IEDB to create a motif. The motif for this allele was found in HLATHENA.tools, with Q in second position and I/V/L in ninth position

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

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

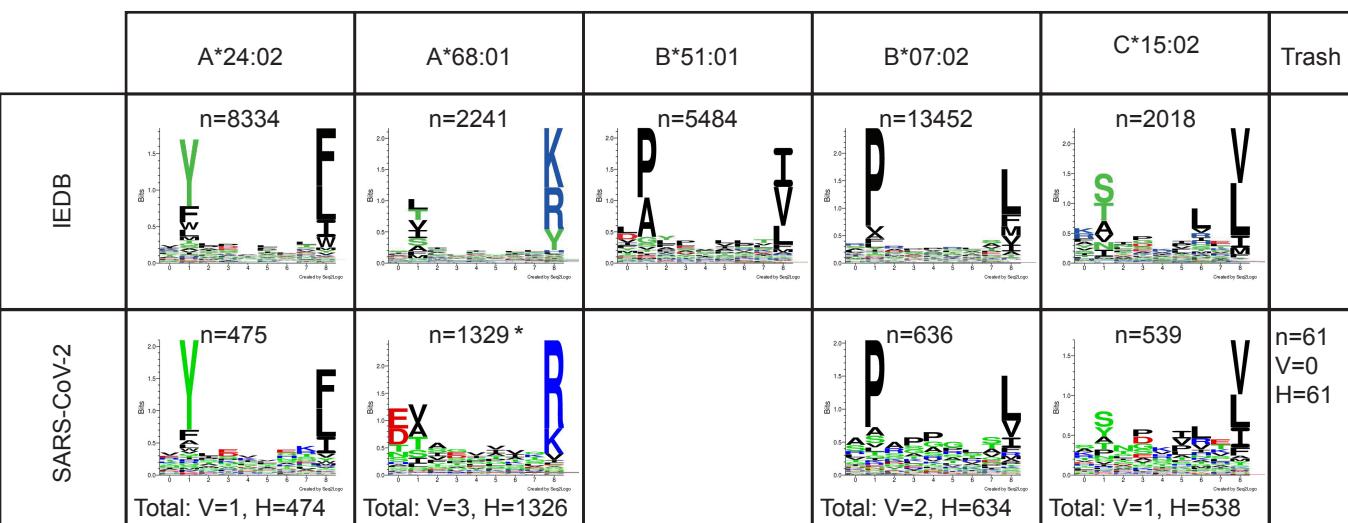
	A*01:01	B*08:01	B*35:08	C*07:01	Trash
IEDB	n=8098 	n=13452 	n=351 	n=455 	
Nucleocapsid	n=517 	n=1901 			n=57 V=0 H=57

## 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