

# 1 27mer

## 1.1 27mer Selection Sets

Symbol	Set	# Peptides	HLA-I Coverage	HLA-II Coverage	Total Coverage	# B-cell Epitope Regions
⊗	CD4+/CD8+	4	92.2%	88.5%	81.6%	0
⊗ <sup>d</sup>	CD4+/CD8+ (H2 <sup>d</sup> ligands)	4	93.8%	84.7%	79.5%	0
⊗ <sup>b</sup>	CD4+/CD8+ (H2 <sup>b</sup> ligands)	3	92.2%	84.7%	78.1%	0
⊗ <sup>bd</sup>	CD4+/CD8+ (H2 <sup>b</sup> and H2 <sup>d</sup> ligands)	4	92.1%	84.7%	78.0%	0
○	CD4+	3	91.3%	88.5%	80.8%	0
○ <sup>d</sup>	CD4+ (H2 <sup>d</sup> ligands)	3	91.3%	88.5%	80.8%	0
○ <sup>b</sup>	CD4+ (H2 <sup>b</sup> ligands)	3	76.8%	84.7%	65.0%	0
○ <sup>bd</sup>	CD4+ (H2 <sup>b</sup> and H2 <sup>d</sup> ligands)	3	92.2%	84.7%	78.1%	0
*	CD8+	3	95.8%	61.3%	58.7%	0
* <sup>d</sup>	CD8+ (H2 <sup>d</sup> ligands)	3	95.1%	76.2%	72.5%	0
* <sup>b</sup>	CD8+ (H2 <sup>b</sup> ligands)	3	95.8%	61.3%	58.7%	0
* <sup>bd</sup>	CD8+ (H2 <sup>b</sup> and H2 <sup>d</sup> ligands)	3	94.7%	72.6%	68.8%	0
⊗	B-Cell/CD4+/CD8+	3	88.9%	62.7%	55.7%	3
⊖	B-Cell/CD4+	3	88.9%	62.7%	55.7%	3
⊖ <sup>d</sup>	B-Cell/CD4+ (H2 <sup>d</sup> ligands)	1	66.2%	39.9%	26.4%	1
⊖ <sup>b</sup>	B-Cell/CD4+ (H2 <sup>b</sup> ligands)	2	64.8%	39.4%	25.5%	2
⊗	B-Cell/CD8+	3	90.8%	57.7%	52.4%	3
⊗ <sup>d</sup>	B-Cell/CD8+ (H2 <sup>d</sup> ligands)	1	81.8%	38.4%	31.4%	1
⊗ <sup>b</sup>	B-Cell/CD8+ (H2 <sup>b</sup> ligands)	2	89.4%	46.5%	41.5%	2
⊗ <sup>bd</sup>	B-Cell/CD8+ (H2 <sup>b</sup> and H2 <sup>d</sup> ligands)	1	81.8%	38.4%	31.4%	1
□	B-Cell	3	81.8%	52.8%	43.2%	3