

## 2 21mer

### 2.1 21mer Selection Sets

Symbol	Set	# Peptides	HLA-I Coverage	HLA-II Coverage	Total Coverage	# B-cell Epitope Regions
⊗	CD4+/CD8+	3	84.9%	84.7%	71.9%	0
⊗ <sup>d</sup>	CD4+/CD8+ (H2 <sup>d</sup> ligands)	4	90.2%	84.7%	76.4%	0
⊗ <sup>b</sup>	CD4+/CD8+ (H2 <sup>b</sup> ligands)	4	93.9%	84.7%	79.5%	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	92.2%	88.5%	81.6%	0
○ <sup>d</sup>	CD4+ (H2 <sup>d</sup> ligands)	3	92.2%	88.5%	81.6%	0
○ <sup>b</sup>	CD4+ (H2 <sup>b</sup> ligands)	3	69.5%	84.7%	58.9%	0
○ <sup>bd</sup>	CD4+ (H2 <sup>b</sup> and H2 <sup>d</sup> ligands)	3	93.8%	84.7%	79.4%	0
*	CD8+	3	95.1%	62.2%	59.1%	0
* <sup>d</sup>	CD8+ (H2 <sup>d</sup> ligands)	3	94.7%	68.9%	65.3%	0
* <sup>b</sup>	CD8+ (H2 <sup>b</sup> ligands)	3	94.7%	68.9%	65.3%	0
* <sup>bd</sup>	CD8+ (H2 <sup>b</sup> and H2 <sup>d</sup> ligands)	3	94.7%	68.9%	65.3%	0
⊗	B-Cell/CD4+/CD8+	4	84.2%	62.7%	52.8%	3
⊖	B-Cell/CD4+	4	84.2%	62.7%	52.8%	3
⊖ <sup>b</sup>	B-Cell/CD4+ (H2 <sup>b</sup> ligands)	2	37.2%	39.4%	14.6%	2
⊗	B-Cell/CD8+	3	88.9%	22.6%	20.1%	3
⊗ <sup>d</sup>	B-Cell/CD8+ (H2 <sup>d</sup> ligands)	1	77.2%	38.4%	29.7%	1
⊗ <sup>b</sup>	B-Cell/CD8+ (H2 <sup>b</sup> ligands)	2	87.2%	22.6%	19.7%	2
⊗ <sup>bd</sup>	B-Cell/CD8+ (H2 <sup>b</sup> and H2 <sup>d</sup> ligands)	1	77.2%	38.4%	29.7%	1
□	B-Cell	3	78.0%	40.7%	31.8%	3