

3 15mer vaccine peptides

3.1 15mer Selection Sets

Symbol	Set	# Peptides	HLA-I Coverage	HLA-II Coverage	Total Coverage	# B-cell Epitope Regions
⊗	CD4+/CD8+	5	90.6%	88.5%	80.2%	0
⊗ ^d	CD4+/CD8+ (H2 ^d ligands)	3	81.1%	76.2%	61.8%	0
⊗ ^b	CD4+/CD8+ (H2 ^b ligands)	3	81.8%	62.5%	51.1%	0
⊗ ^{bd}	CD4+/CD8+ (H2 ^b and H2 ^d ligands)	2	77.2%	65.8%	50.8%	0
○	CD4+	3	83.9%	88.5%	74.3%	0
○ ^d	CD4+ (H2 ^d ligands)	3	86.7%	84.7%	73.4%	0
○ ^b	CD4+ (H2 ^b ligands)	3	83.9%	84.7%	71.1%	0
○ ^{bd}	CD4+ (H2 ^b and H2 ^d ligands)	3	86.7%	84.7%	73.4%	0
*	CD8+	3	95.8%	38.4%	36.8%	0
* ^d	CD8+ (H2 ^d ligands)	3	94.6%	22.6%	21.4%	0
* ^b	CD8+ (H2 ^b ligands)	3	91.2%	46.5%	42.4%	0
* ^{bd}	CD8+ (H2 ^b and H2 ^d ligands)	3	91.2%	46.5%	42.4%	0
⊗	B-Cell/CD4+/CD8+	4	77.2%	45.8%	35.3%	3
⊖	B-Cell/CD4+	5	77.2%	62.7%	48.4%	3
⊖ ^b	B-Cell/CD4+ (H2 ^b ligands)	2	0.0%	39.4%	0.0%	2
⊗	B-Cell/CD8+	6	84.2%	29.9%	25.2%	3
⊗ ^d	B-Cell/CD8+ (H2 ^d ligands)	1	77.2%	20.4%	15.8%	1
⊗ ^b	B-Cell/CD8+ (H2 ^b ligands)	2	72.5%	20.4%	14.8%	1
⊗ ^{bd}	B-Cell/CD8+ (H2 ^b and H2 ^d ligands)	1	77.2%	20.4%	15.8%	1
□	B-Cell	3	44.0%	11.9%	5.2%	3