

Table 12. HLA A1 supertype binding vaccinia-derived T cell epitopes

Epitopes	Sequence	ORF	A1-supertype binding capacity (IC50 nM) ¹			
			A*0101	A*2601	A*2902	A*3002
D1R (156-164)	FTIDFKLKY	42	60	21	1.4	1048
B8R(139-147)	DMCDIYLLY	98	28	82	89	55
B8R(153-162)	FGDSKEPVPY	98	137	5679	564	8171
B8R(262-271)	FLSMLNLTKY	98	267	7830	154	500
C10L(297-305)	SQSDTVFDY	113	3022	1856	844	2.3
C10L(298-306)	QSDTVFDYY	113	1.0	-	-	2950
C19L(29-38)	VSVNNVCHMY	114	130	4257	1079	3.7
C19L(104-112)	QSITRSLIY	114	74	4985	295	291
C12L(97-106)	VTDTNKFDNY	125	1.6	-	-	256
D12L(11-19)	GTHVLLPFY	196	609	4337	5426	0.58
VWR050(259-267)	CMLTEFLHY	260	555	-	0.54	14

1. High affinity binding (IC50s ≤500 nM) is highlighted by bold font. A dash (-) indicates IC50 >50000 nM.