

Table 3: **p15**

Location	WEAU	Sequence	Immunogen	Species(HLA)	References
p15(418-433 BRU)	p15(69-83)	GNFLQSRPEPTAPPF	HIV-1 infection	human(A2)	[Claverie88]
	NOTES:				
					• 1 of 4 epitopes first predicted, then subsequently shown to stimulate an HLA-A2 restricted CTL line
p15(446-460 BRU)	p15(41-56)	KEGHQMKDCTERQANF	HIV-1 infection	human(A2)	[Claverie88]
	NOTES:				• 1 of 4 epitopes first predicted, then subsequently shown to stimulate an HLA-A2 restricted CTL line
gag	gag		HIV infection	human	[Trickett98]
	NOTES:				• 12 HIV-1 infected patients were re-infused with their own lymphocytes, cryopreserved from an earlier time point in the infection
					• Improvement in CD4+ and CD8+ T cells was seen in 7/12, and an increase in the CTL response to Gag was seen in one patient
gag(complete gag LAI)	gag		HIV infection	human	[Legrand97]
	NOTES:				• 17 recently infected patients were tested for CTL response to HIV proteins Env, Gag, Pol, Rev, Nef, Vif and Tat
					• An early response (within a month following PI) was noted in 87% of the subjects to Gag, 75% to Env, and 50% to Nef
					• Early responses to Pol, Rev, Vif and Tat were rare
Gag(Gag IIB)			HIV-1 infection	human	[Betts97]
	NOTES:				• 6/8 individuals from Zambia infected with C clade virus had CTL that were able to make response to B clade HIV-1 IIB vaccinia expressed Gag, Pol and Env proteins
					• A vigorous cross-clade response was not limited to a particular protein, and the level of recognition of different proteins varied among the six patients
Gag			HIV-1 infection	human	[DeMaria97]
	NOTES:				• CD3+ cells that also carry a natural killer cell receptor (NKR+), can exhibit down regulation of T-cell function
					• Anti-NKR IgM MAb masked this inhibitory function and increased HIV-1 specific CTL activity in phytohemagglutinin-activated PBMC cultured in the presence of IL-2 from 3/5 patients, and in one other case anti-NKR MAb brought HIV-1 specific CTL activity to detectable levels