

HIV CTL Epitopes

Table 5: **P55**

HXB2 Location	Author Location	Sequence	Immunogen	Species(HLA)	References
p55(357–372)	Gag(357–372 LAI)	GHKARYVLA EATL SQVN	HIV-1 infection	human()	[Buseyne (1993a)]

• Vertical transmission of HIV ranges from 13% to 39%

• Primary assays showed cytotoxic activity against at least one HIV protein was detected in 70% of infected children

• Epitopes recognized in five children were mapped using synthetic peptides and secondary cultures

• Patient EM28 (CDC P2A) had a CTL response to four epitopes in Gag

CTL