Table 5: **Tat**

Location	WEAU	Sequence	Immunogen	Species(HLA)	References
Tat(49-57)	Tat(49-57)	NOT AN EPITOPE	protein-peptide conjugate	murine	[Kim97a]
	NOTES: • The Tat presente	TES: The Tat peptide RKKRRQRRR when conjugated to a protein can cause that protein to be taken up by APCs and presented to CTL	ed to a protein can cause t	hat protein to be taken up	by APCs and
	The systThe CTI	The system was demonstrated by vaccinating mice with an OVA-Tat peptide conjugate and immunizing H-2 K ^b mice. The CTL response to the H-2 K ^b specific OVA peptide SIINFEKL was stimulated.	ce with an OVA-Tat peptide eptide SIINFEKL was stir	conjugate and immunizir nulated	ng H-2 K ^b mice
Tat	Tat		HIV-1 infection	human	[Froebel97]
	• Two HIV	Two HIV-1 infected children with contrasting disease courses were followed longitudinally – one died of AIDS, the other is a long term non-progressor	sease courses were followe	ed longitudinally – one die	ed of AIDS, the
	Reactivi expresse	other is a long term non-progressor Reactivity against Gag, Pol, Env and Tat proteins was tested by PBMC bulk cultured cells reacting with protein expressed in vaccinia constructs in autologous EBV transformed B cells	ins was tested by PBMC ins was tested by PBMC in BV transformed B cells	bulk cultured cells reactir	ng with protein
	The chilThe long receptor	The long term non-progressing child had no detectable CTL, but was heterozygous for a mutation in the CCR5 receptor and for HLA-B49, which has been shown to be associated with slower progression	against Pol and 1at stectable CTL, but was he was not be associated with slown to be as sociated with slown to be associated with slown to be as sociated with slown to be	terozygous for a mutation	n in the CCR5