Table 6: Tat

Location	WEAU	Sequence	Immunogen	Species(HLA)	References
Tat(1-20 LAI)	Tat(1-20)	MEPVDPRLEPWKHPGSQPKT	Nef, Rev and Tat DNA immunization	$murine(H-2^d)$	[Hinkula et al.(1997)]
	NOTES: Stronger, brocular protein Some prolife	TES: Stronger, broader responses were observed in animals vaccinated with DNA epidermally rather than with intramuscular protein Some proliferative response to vaccination was observed to peptides throughout Nef and Tat, less for Rev	imals vaccinated with DNA	\ epidermally rather than hout Nef and Tat, less fo	with intramus-
Tat(16-35 LAI)	Tat(16-35)	SQPKTACTTCYCKKCCFHCQ	Nef, Rev and Tat DNA immunization	$murine(H-2^d)$	[Hinkula et al.(1997)]
	NOTES: • Stronger, brocular protein • Some prolife	TES: Stronger, broader responses were observed in animals vaccinated with DNA epidermally rather than with intramuscular protein Some proliferative response to vaccination was observed to peptides throughout Nef and Tat, less for Rev	imals vaccinated with DNA	\ epidermally rather than hout Nef and Tat, less fo	with intramus-
Tat(17-32)	Tat(17–32) NOTES:	QPKTACTNCYCKRCCF?	HIV-1 infection	human	[Ranki et al.(1997)]
		a dear year former of severy effective feet and an entire feet feet feet feet feet feet feet fe			
Tat(31-50 LAI)	Tat(31-50)	CFHCQVCFTTKALGISYGRK	Nef, Rev and Tat DNA immunization	$murine(H-2^d)$	[Hinkula et al.(1997)]
	NOTES: • Stronger, brocular protein	TES: Stronger, broader responses were observed in animals vaccinated with DNA epidermally rather than with intramuscular protein	imals vaccinated with DNA	vepidermally rather than	with intramus-
Tat(33–48)	Tat(33-48)	33–48) HCQVCFMTKGLGISYG? HIV-1 infection human [F	HIV-1 infection	human	[Ranki et al.(1997)]
	• T-cell res	TES: T-cell response to this epitope persisted after seroreversion	oreversion		
Tat(46–65 LAI)	Tat(46–65)	SYGRKKRRQRRRPPQGSQTH	Nef, Rev and Tat DNA immunization	$murine(H-2^d)$	[Hinkula et al.(1997)]
	NOTES: • Stronger	TES: Stronger, broader responses were observed in animals vaccinated with DNA epidermally rather than with intramus-	imals vaccinated with DNA	epidermally rather than	with intramus-
	cular proteinSome prolife	cular protein Some proliferative response to vaccination was observed to peptides throughout N	bserved to peptides throug	hout Nef and Tat, less for Rev	r Rev

HIV Helper-T Cell Epitopes

Location	WEAU	Sequence	Immunogen	Species(HLA)	References
Tat(61-80 LAI)	Tat(61-80)	GSQTHQVSLSKQPTSQPRGD	Nef, Rev and Tat DNA immunization	$murine(H-2^d)$	[Hinkula et al.(1997)]
	NOTES:				
	 Stronger 	• Stronger, broader responses were observed in animals vaccinated with DNA epidermally; rather than with intramus-	imals vaccinated with DN.	A epidermally; rather than	n with intramus-
	cular protein	otein			
	Some pro	Some proliferative response to vaccination was observed to peptides throughout Nef and Tat, less for Rev	bserved to peptides throu	ghout Nef and Tat, less fo	or Rev
Tat(67-86 LAI)	Tat(67–86)	VSLSKQPTSQPRGDPTGPKE	Nef, Rev and Tat DNA immunization	$murine(H-2^d)$	[Hinkula et al.(1997)]
	NOTES:				
	 Stronger, broger 	 Stronger, broader responses were observed in animals vaccinated with DNA epidermally rather than with intramus- cular protein 	imals vaccinated with DN	A epidermally rather than	1 with intramus-
	• Some pro	Some proliferative response to vaccination was observed to peptides throughout Nef and Tat, less for Rev	bserved to peptides throu	ghout Nef and Tat, less fo	or Rev