Table 6: **Rev**

Location	WEAU	Sequence	Immunogen	Species(HLA)	References
Rev(9-23 HXB2)	Rev(9-23) NOTES:	DEELIRTVRLIKLLY	HIV-1 infection	human	[Blazevic95]
	 Induces b 	• Induces both Th and CTL activities, no HLA restriction analysis performed	triction analysis performed		
Rev(11-30 SF2)	Rev(12-31) NOTES: • Of 25 pat	LLKAVRLIKFLYQSNPPPNF ients, most had CTL specific for more	HIV-1 infection than 1 HIV-1 protein	human	[Lieberman97]
	 Of 25 pat Only one This subj	Of 25 patients, most had CTL specific for more than 1 HIV-1 protein Only one subject had CTL that could recognize vaccinia expressed LAI Rev This subject had a CTL response to this peptide, and was HLA-A2, A24, B13,	than 1 HIV-1 protein vaccinia expressed LAI Revand was HLA-A2, A24, B1	3, B35	
Rev(25-39 HXB2)	Rev(25-39) NOTES:	V(25-39) SNPPPNPEGTRQARR HIV-1 infection TES:	HIV-1 infection	human	[Blazevic95]
Rev(33-48 HXB2)	Rev(33-48) NOTES:	GTRQARRNRRRRWRER	HIV-1 infection	human	[Blazevic95]
	• Induces b	Induces both 1n and C1L activities, no HLA restriction analysis performed	triction analysis performed		
Rev(41-56 HXB2)	Rev(41-56) NOTES: • Induces b	ev(41-56) RRRRWRERQRQIHSIS OTES: • Induces both Th and CTL activities	HIV-1 infection	human	[Blazevic95]
Rev(55-63 LAI)	Rev(55-63) NOTES:	ISERILSTY	HIV-1 infection	human(A1)	[vanBaalen97]
	PredictedBoth forrCTL	Predicted to be an HLA-A1 epitope based on anchor residues 2S and 9Y Both forms LSGWL(L or I)STY, with intact anchors, were found in an HLA-A1+CTL	chor residues 2S and 9Y chors, were found in an HI	A-A1+ individual with Rev responsive	ev responsive
	An HLA.3/7 long tCTLp free	An HLA-A1 individual who did not make a Rev response had lost the C-term anchor, ISGWILS(T or N)S 3/7 long term non-progressors and 0/5 progressors were positive for HLA-B57 (associated with prolonged survival) CTLp frequencies to Rev and Tat were inversely correlated with rapid progression to AIDS, but not Gag, RT or Nef	response had lost the C-ten rrs were positive for HLA-B correlated with rapid progr	n anchor, ISGWILS(T or N)S 57 (associated with prolonged survival) ession to AIDS, but not Gag, RT or Nef	N)S nged survival) ag, RT or Nef
Rev			DNA vaccine pCMV160/Rev	$murine(H-2^d)$	[Ishii97]
	NOTES:	TES: pCMV160/Rev is a DNA vaccine candidate carrying gp160 and Rev linked to a cypCMV160/Rev given in conjuction with a cationic liposome gave enhanced DTH,	ying gp160 and Rev linked nic liposome gave enhanced	to a cytomegalovirus (CMV promotor) DTH, Ab and CTL responses	[V promotor) nses