

Table 3: p2p7p1p6

HXB2 Location	Author Location	Sequence	Immunogen	Species(HLA)	References
p2p7p1p6(30-44)	p15(393-407 IIIIB B10)	FNCGKEGHTARN CRA	HIV-1 infection	human( )	[Wahren (1989b), Wahren (1989a)]
			• 12 gag and 18 env T-cell sites were identified that could commonly evoke T-cell responses		
p2p7p1p6(55-69)	p15(418-432 IIIIB B10)	KEGHQMKDCTERQAN	HIV-1 infection	human( )	[Wahren (1989b), Wahren (1989a)]
			• 12 gag and 18 env T-cell sites were identified that could commonly evoke T-cell responses		
p2p7p1p6(60-74)	p15(423-437 IIIIB B10)	MKDCTERQANFLGKI	HIV-1 infection	human( )	[Wahren (1989b), Wahren (1989a)]
			• 12 gag and 18 env T-cell sites were identified that could commonly evoke T-cell responses		
p2p7p1p6(76-83)	p24(439-446 LAI)	PSYKGRPG	HIV-1 infection	human( )	[Schrier (1989)]
			• Stimulates T-cell proliferation in HIV-infected donors		
			• Schrier lists this peptide as p24(439-446), but because of the numbering used for Gag epitopes, we placed it in p2p7p1p6		
p2p7p1p6(83-97)	p15(446-460 BRU)	GNFLQSRPEPTAPPA	peptide	murine(H-2 <sup>b</sup> )	[Vaslin (1994)]
			• Peptide G4: could prime for <i>in vitro</i> immunoproliferative responses and for subsequent IgG responses		
p2p7p1p6(103-110)	p24(466-473 LAI)	REETTPS	HIV-1 infection	human( )	[Schrier (1989)]
			• Stimulates T-cell proliferation in HIV-infected donors		
			• Schrier lists this peptide as p24(466-473), but because of the numbering used for Gag epitopes, we placed it in p2p7p1p6		
p2p7p1p6(98-112)	p15(473-487 IIIIB B10)	ESFRSGVETTPPQK	HIV-1 infection	human( )	[Wahren (1989b), Wahren (1989a)]
			• Peptides were identified that commonly evoke T-cell responses – 50% of 90 HIV+ people had a T-cell response to this peptide		