

Table 2: p17-p24

HXB2 Location	Author Location	Sequence	Immunogen	Species(HLA)	References
p17-p24(127-3)	p17-p24(127-135 Clade D)	QVSQNYPIV		human(A*6802)	[Dong (1998)]
	<ul style="list-style-type: none"> <li>• Epitope starts in p17 and ends in p24</li> <li>• Predicted on binding motif, no truncations analyzed</li> </ul>				
p17-p24(131-6)	p17-p24(132-140 SF2)	NYPIVQNL	HIV-1 infection	human(A*2402)	[Ikeda-Moore (1997)]
	<ul style="list-style-type: none"> <li>• The epitope starts in p17 and ends in p24</li> <li>• Defined using reverse immunogenetics – 59 HLA-A*2402 binding peptides were predicted by searching for A*2402 anchors in HIV proteins (Tyr at 2, and Phe, Leu or Ile at the C term) – 53 of the 59 peptides bound A*2402</li> <li>• This peptide induced CTL in 1/4 HIV-1+ people tested</li> <li>• NYPIVQNL bound to A*2402 with medium strength, and the epitope can be processed in a vaccinia construct and presented – no CTL clone was obtained</li> </ul>				