

Table 7: **Gag/Pol**

HXB2 Location	Author Location	Sequence	Immunogen	Species(HLA)	References
Gag( )	Gag/Pol( )		ALVAC-HIV vaccine	human( )	[Salmon-Ceron (1999)]
					<ul style="list-style-type: none"> <li>• A live attenuated canarypox vector expressing MN gp120 and LAI gp41/gag/protease could induce CTL and a lymphoproliferative response in healthy uninfected volunteers</li> </ul>
Gag( )	Gag/Pol( )		DNA vaccine + CD80 and CD86 expression cassettes	chimpanzee( )	[Kim (1998)]
					<ul style="list-style-type: none"> <li>• The study explores the use of co-stimulatory molecules co-expressed with an HIV-1 immunogen in a DNA vaccine to enhance the immune response – co-exprssion of CD86, but not CD80, dramatically increased both HIV Env and Gag/Pol specific CTL and Th proliferative responses</li> </ul>
Gag/Pol( )	RT(Gag/Pol)( )		DNA gag/pol, and env vaccine	murine( )	[Kim (1997c)]
					<ul style="list-style-type: none"> <li>• A Gag/Pol or Env DNA vaccine, when delivered in conjunction with the plasmid encoding the co-stimulatory molecules CD86, gave a dramatic increase in both the cytotoxic and proliferative responses in mice</li> <li>• When CD86 was present, CTL response could be detected even without <i>in vitro</i> stimulation</li> </ul>