

Table 16: **Vpu**

HXB2 Location	Author Location	Sequence	Immunogen	Species(HLA)	References
Vpu()	Vpu()		B clade Vif-Vpu-Nef DNA-vaccine pVVN-P	murine(H-2 <sup>d</sup> )	[Ayyavoo (2000)]
			<ul style="list-style-type: none"> <li>• Splenocytes from BALB/c mice immunized with pVVN-P DNA were incubated with Vif, Vpu or Nef antigens for 3 days and assayed for IL-4 and IFN-<math>\gamma</math> levels</li> <li>• Antigen stimulation increased IFN-<math>\gamma</math> production in pVVN-P immunized mice, indicating a Th1 response</li> <li>• IL-4 production was not significantly changed after antigen stimulation compared to control levels</li> <li>• Cross-clade CTL activity was also observed: A, B clade, CRF01(AE) clade antigens could serve as targets for the B clade immunization-stimulated CTL – an HIV-1 AC recombinant, however, did not stimulate a CTL response, but was expressed at lower levels on the target cell</li> </ul>		

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