Supplementary Table I Positional frequency of residues 57–65 of the HIV envelope protein and TAP-independent HIV gp160 ligand

Position	Amino acid																		HIVgp160 ligand
	A	D	E	F	G	H	I	K	L	M	N	P	Q	R	S	T	V	X	Y	
1	0[a]	**96**	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	D
2	**99**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	A
3	0	0	0	0	0	0	0	**93**	0	0	3	0	0	3	0	0	0	0	0	K
4	**84**	0	0	0	5	0	0	0	2	0	0	0	0	0	7	1	0	0	0	A
5	0	0	0	0	0	8	0	0	0	0	0	0	1	0	0	3	1	0	**87**	Y
6	1	**39**	37	0	0	1	0	7	0	0	2	0	0	0	11	0	2	0	0	D
7	4	0	1	0	0	0	0	19	0	0	0	3	1	11	1	**59**	0	0	0	T
8	0	0	**100**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	E
9	19	0	0	0	0	0	1	8	0	3	0	0	2	1	2	0	**65**	0	0	V

[a]Data are expressed as percentage of relative amino acid abundance of 2331 HIV envelope sequences from Los Alamos HIV Sequence Database. The high percentage in each peptide position is bolded.