Supplemental Table 1: BAMA Env Epitope Sequences

gp120 Epitope[1]	Antigen[2]	Sequence[3]
V1V2	gp70 B.CaseA2_V1V2/169K	CIDLRNATNATSNSNTTNTTSSSGGLMMEQGEIKNCSFNITTSIRDKKQKEYALFYKLDIVPIDNPKNSTNYRLISC
	gp70 B.CaseA_V1V2	CIDLRNATNATSNSNTTNTTSSSGGLMMEQGEIKNCSFNITTSIRDKVQKEYALFYKLDIVPIDNPKNSTNYRLISC
	gp70 C.1086C_V1V2	CTNVKGNESDTSEVMKNCSFKATTELKDKKHKVHALFYKLDVVPLNGNSSSSGEYRLINC
V2	Bio-V2.1086C	KKKTELKDKKHKVHALFYKLDVVP
	Bio.V2.B	KKKTSIRDKVQKEYALFYKLDVVP
V3	Bio-V3.C	KKKNNTRKSIRIGPGQTFYATGDIIGDIRQAHC
	gp70 MNV3/293F	CTRPNYNKRKRIHIGPGRAFYTTKNIKGTIRQAHC
	gp70 ConC_V3tags	CTRPNNNTRKSIRIGPGQTFYATGDIIGDIRQAHC
C1	C1	KKKMQEDVISLWDQSLKPCVKLTPLCV
C5	Bio_RV144_C5.2.B	KKKSELYKYKVVKIEPLGVAPTKAKRRVVQREKRAV
	Bio_RV144_C5.2.C	KKKSELYKYKVVEIKPLGIAPTKAKRRVVEREKRAV

[1] epitope region of HIV Env gp120 analyzed by BAMA
[2] specific antigens within the specified Env epitope
[3] amino acid sequences of the antigens