

Supplemental Table 5. Example of HLA-II relevant epitopes tested in acute patient PHI-4

HLA-II: DRB1*03:02/13:01, DQB1*04:02/06:04

Protein	Predicted HLA-II restriction	Epitope sequence ^a	Type ^b
Gag	DRB1*13	CKTILKALGPAATLEEMMTA	NAE
Nef	DQB1*04:02	LLHPMSLHGMDDPEREVLVW	NAE
Nef	DRB1*03	MRRAEPAADGVGAVSRDLEK	NAE
Nef	DQB1*06:02	VLVWKFDSDLAFHHMARELH	NAE
Pol	DQB1*04:02	LTQIGCTLNFPISPI <u>E</u> TVPV	AE
Gag	DQB1*06	RGSDIAGTTSTL <u>QEQI</u> GWMT	AE
Nef	DQB1*06:02	PGIR <u>F</u> PLTFGWCFLVPVDP	AE
Pol	DQB1*06:02	VGKLNWAS <u>QIYPGIKVKQLC</u>	AE
Gag	DQB1*06:03	QNKS <u>KK</u> AAQQAAADTGNNSQ	AE
Pol	DQB1*06:04	NSDIKVVP <u>RRKV</u> KII <u>R</u> DYGK	AE
Nef	DQB1*06:11	GAVS <u>R</u> DLEKHGAITSSNTAA	AE

^a Amino acid (AA) polymorphism associated with the epitope's potential HLA-II restriction is bolded and underlined; all epitopes are based on the HLA-II and TFV sequence of PHI-4

^b AE = adapted epitope and NAE = non-adapted epitope