

SI Table 3

Class I HLA genotype of the patients and of the HLA-matched and mismatched BCL used to confirm the peptide-HLA associations shown in Fig. 2C.

Peptide-HLA association	Class I HLA alleles of the responders						Class I HLA alleles of the mismatched BCL						Class I HLA alleles of the matched BCL					
HLA-A*0201-SLYNTVATL	A*0201	A*6802	B*5101	B*4901	CW*0202	CW*0701	A*3101	A*3301	B*1402	B*4402	CW*0501	CW*0802	A*0201		B*4402	CW*0401	CW*0501	
HLA-A*0201-FLGKIWPSYK	A*0201	A*2402	B*0801	B*1801	CW*0701		A*3101	A*3301	B*1402	B*4402	CW*0501	CW*0802	A*0201		B*4402	CW*0401	CW*0501	
HLA-A*2402-KYKLVKLVW	A*2402		B*5101	B*1801	CW*1203	CW*1602	A*0201		B*4402		CW*0401	CW*0501	A*0101	A*2402	B*5201	B*2705	CW*0102	CW*1202
HLA-A*2601-EVIPMFSAL	A*0101	A*2601	B*3501	B*3801	CW*0401	CW*1203	A*0201		B*4402		CW*0401	CW*0501	A*0201	A*2601	B*4102	B*5501	CW*0303	CW*1701
HLA-A*3001-RLRPGGKKK	A*0201	A*3001	B*1302	B*4403	CW*0602	CW*1601	A*0201		B*4402		CW*0401	CW*0501	A*0101	A*3001	B*1302	B*0801	CW*0602	CW*0701
HLA-A*0301-RLRPGGKKK	A*0301	A*2402	B*2705	B*5701	CW*0202	CW*0602	A*0201		B*4402		CW*0401	CW*0501	A*0301		B*0702	B*3901	CW*0702	CW*1203
HLA-B*0702-TPQDLNTML	A*0301		B*0702	B*3901	CW*0702	CW*1203	A*0301	A*3101	B*0801	B*2705	CW*0102	CW*0701	A*0301		B*2714	B*0702	CW*0102	CW*0702
HLA-B*0702-GPGHKARVL	A*0301		B*0701	B*4001			A*0201		B*4402		CW*0401	CW*0501	A*0201	A*0301	B*0701	B*4402	CW*0501	CW*0702
HLA-B*0801-GGKKKYKLV	A*0201	A*3004	B*0801	B*4402	CW*0701	CW*0704	A*0101	A*2402	B*5201	B*2705	CW*0102	CW*1202	A*0101	A*3001	B*1302	B*0801	CW*0602	CW*0701
HLA-B*0801-DCKTILKAL	A*0201	A*2402	B*0801	B*1801	CW*0701		A*0301	A*2402	B*2705	B*5701	CW*0202	CW*0602	A*0101	A*3001	B*1302	B*0801	CW*0602	CW*0701
HLA-B*0801-EIYKRWII	A*2402	A*2501	B*0801	B*1801	CW*0701	CW*1203	A*0301	A*2402	B*2705	B*5701	CW*0202	CW*0602	A*0101	A*3001	B*1302	B*0801	CW*0602	CW*0701
HLA-B*4002-AEWDRVHPV	A*2608	A*3101	B*4002	B*4402	CW*0202	CW*0501	A*3201	A*6801	B*2705	B*4402	CW*0102	CW*0501	A*0201	A*2402	B*1801	B*4002	CW*0304	CW*0701
HLA-B*4002-TERQANFL	A*2301	A*3201	B*4002	B*5703	CW*0202	CW*0701	A*3201	A*6801	B*2705	B*4402	CW*0102	CW*0501	A*0201	A*2402	B*1801	B*4002	CW*0304	CW*0701
HLA-B*4002-GELDRWEKI	A*2301	A*3201	B*4002	B*5703	CW*0202	CW*0701	A*3201	A*6801	B*2705	B*4402	CW*0102	CW*0501	A*0201	A*2402	B*1801	B*4002	CW*0304	CW*0701
HLA-B*5701-ISPRTLNAW	A*0101	A*2402	B*0801	B*5701	CW*0602	CW*0701	A*0201	A*1101	B*5101	B*5201	CW*1202	CW*1502	A*0301	A*2402	B*2705	B*5701	CW*0202	CW*0602
HLA-B*5701-KAFSPEVIPMF	A*0101	A*2402	B*0801	B*5701	CW*0602	CW*0701	A*0201	A*1101	B*5101	B*5201	CW*1202	CW*1502	A*0301	A*2402	B*2705	B*5701	CW*0202	CW*0602

All epitopes are optimal for the relevant HLA Class I allele according to Frahm *et al* (1). The relevant HLA class I alleles are highlighted in bold.

1) Frahm N, Brander C (2005) HIV Molecular Immunology Database. Available at www.hiv.lanl.gov/content/immunology/index.html.