

S1 Table.

Individual donor responses to EBNA2, EBNA-LP and BHRF1

#	Donor	CD8			CD4		
	HLA type	EBNA2	EBNA-LP	BHRF1	EBNA2	EBNA-LP	BHRF1
1	A2, A3, B7, C7 DR15, 51, DQ6	<i>SPL</i> [†]	-	nt	4,15,16*	QEP	nt
2	A2, 26, B38, 51, C12, 15 DR4, 53, DQ8	YHL	nt	nt	TPL	nt	nt
3	A2, 24, B44, 55, C0303, 16 DR7, 14, 52b, 53, DQ2, 5	RPT	-	-	FVG,PRS,11,17	QEP	NSE, PYY
4	A1, B7, 8, DR15, 17, 51, 52a, DQ2, 6	-	-	-	PRS,PAQ	-	-
5	A26, B44, 58, C3, C7 DR14, 16, 51, 52b, DQ5	LAS**	-	-	-	QEP	-
6	A2, B55, 58, C0303, 7 DR4, 16, 51, 53, DQ5, 8	LAS	-	-	3,8,PRS	-	-
7	A1, 2, B44, 55, C0303, 5 DR4, 14, 52b, 53, DQ5, 7	RPT	nt	-	PRS	nt	PYY
8	A1, 2, B39, 40, C0304, 12 DR1, 13, 52b, DQ5, 6	TSS	-	SRV	FVG,PRS,11	-	-
9	A68, B44, C7 DR7, 11, 52b, 53, DQ2, 7	-	-	ETF	3,10,13,14	2	-
10	A3, 68, B7, 35, C4, 7 DR1, 15, 51 DQ5, 6	-	-	ETF	-	-	-
11	A1, 2, B57, 6 DR9, 13, 52b, 53, DQ2, 7	LAS	-	-	FVG,PRS,11	-	-
12	A1, B8, 57 DR7, 17, 52a, DQ2, 9	-	-	-	3,PRS,PAQ	2	-
13	A3, 31, B7, 38, C7, 12 DR7, 13, 52a, 53, DQ2, 6	YHL	-	-	PRS	2	-
14	A2, 29, B8, 40 DR4, 17, 52a, 53, DQ2, 8	-	-	-	VCR	-	-
15	A2, 24, B39, C6, 7 DR8, 15, 51, DQ4, 6	-	-	-	8	-	-
16	nt	<i>DVG</i> ^{††}	-	-	FVG,PRS,PAQ	-	3
17	A1, 11, B7, 35, C4, 7 DR1, 15, 51, DQ5, 6	QPR	-	-	10	-	-
18	A2, 24, B27, 35, C2, 4 DR4, 53, DQ8	-	-	-	15,16	-	-
19	A2, 68, B35, 49, C4, 7 DR1, 12, 52b, DQ5, 7	<i>SMP</i>	-	ETF	PRS,11	2	-
20	A2, A0203 [#]	nt	SLR	-	nt	-	-

Epitopes are identified by the first three amino acids of their sequence.

Italicised CD8 epitopes – minimal sequence not defined.

[†]No response to QPR epitope contained within 20mer.

nt not tested

*Numbers denote peptide pools recognised. Individual peptides within pools not screened.

** Response detected by Elispot only.

^{††}No response to LAS epitope contained within 20mer.

[#] mini-typed for HLA-A2 only