

Supplementary Table 2 (S2)

Positive immune response against StreptInCor overlapping peptides of controls (N=53 out of 90)

PepVac identification																
	HLA-DRB1	NC* cpm	10	15	16	17	18	20	21	38	44	48	51	52	53	PC** SI
1	8, 15, 51	128.9	0.4	2.1	1.1	1.0	1.0	0.9	0.7	1.3	1.4	1.2	0.8	0.8	0.6	315.1
2	9, 12, 52, 53	461.7	0.3	2.0	0.7	0.5	1.1	2.7	0.7	4.3	4.0	0.6	4.5	0.3	0.3	203.8
3	17, 13, 52	273.5	1.1	0.9	0.7	0.8	0.8	0.9	0.9	nt	1.0	1.0	0.9	0.8	2.0	234.7
4	15, 10, 51	144.3	2.1	nt	4.4	4.7	1.4	3.7	nt	nt	nt	7.1	1.5	1.2	nt	437.6
5	4, 13, 52, 53	129.2	0.8	nt	1.2	nt	1.4	1.3	nt	nt	nt	1.7	1.1	2.7	1.4	16.2
6	4, 14, 52, 53	516.0	nt	1.4	0.8	nt	nt	nt	nt	nt	2.2	1.5	nt	nt	nt	46.6
7	13, 52	319.0	1.7	1.1	1.5	0.7	nt	2.5	1.0	nt	1.2	0.8	1.6	1.7	nt	219.9
8	1, 17, 52	757.1	1.5	nt	2.8	0.5	0.7	0.9	0.6	nt	nt	1.0	1.0	1.0	1.1	12.3
9	11, 52	577.1	0.7	nt	1.5	1.0	2.4	1.5	1.3	nt	nt	0.5	3.4	3.8	1.6	nt
10	14, 11, 52	78.9	3.0	nt	9.8	nt	4.8	6.2	3.5	nt	nt	6.3	1.7	nt	4.5	404.7
11	14, 52	144.1	0.9	2.4	0.7	0.7	0.6	0.8	1.1	0.9	1.0	1.0	0.9	0.9	1.0	1130.5
12	7, 8, 53	593.6	3.0	6.3	1.2	0.7	2.1	5.6	0.6	1.2	0.3	0.8	0.6	1.4	0.4	599.3
13	15, 14.1, 51, 52	48.8	0.8	2.7	3.3	5.1	2.0	3.6	2.8	nt	4.0	4.5	5.6	3.3	4.6	220.9
14	11, 4, 52, 53	255.9	1.4	1.5	0.9	0.9	1.2	1.1	1.3	nt	9.0	8.4	5.4	2.9	1.9	264.6
15	1, 14.1, 52	136.6	1.1	1.5	1.7	1.4	1.5	1.3	2.5	nt	0.8	0.9	1.2	1.1	2.0	535.3
16	16, 17, 51, 52	193.6	nt	nt	nt	nt	nt	nt	nt	1.0	3.3	nt	nt	nt	nt	221.5
17	4, 13.1, 52, 53	234.3	1.6	4.5	2.4	1.5	1.3	3.5	1.7	nt	3.6	1.2	1.6	1.7	1.5	203.0
18	7, 8, 53	69.2	1.6	2.0	0.8	2.2	1.0	2.5	2.1	2.0	3.0	nt	2.9	0.7	18.4	836.3
19	17, 11, 52	342.7	1.2	4.7	5.6	1.8	1.7	3.0	8.5	nt	5.8	2.2	2.4	5.0	5.5	140.5
20	13, 14, 52	180.2	3.8	4.3	3.1	2.5	2.9	5.8	2.7	nt	8.0	1.3	1.8	nt	4.3	559.1
21	4, 11, 52, 53	250.7	1.0	0.6	0.8	2.0	0.7	0.8	0.7	nt	0.5	0.6	0.8	0.6	0.5	24.4
22	4, 12, 52, 53	159.2	0.7	2.7	1.9	1.4	2.1	1.5	1.5	nt	1.0	1.4	1.3	0.9	1.0	330.6
23	1, 15, 51	364.2	1.4	3.1	1.4	2.0	1.1	1.7	1.3	1.1	2.8	2.8	2.4	3.6	0.5	1028.8
24	1, 4, 53,	132.9	1.5	1.0	1.1	0.7	0.9	1.4	1.1	0.6	1.1	nt	0.8	0.7	2.1	333.1
25	18?, 17, 52, 52	227.2	4.1	1.0	1.1	1.8	1.1	1.1	4.0	nt	0.9	2.7	0.8	1.4	0.9	347.1
26	15, 4, 51, 53	220.7	4.4	1.6	1.4	1.8	1.7	3.3	4.5	nt	3.6	1.4	2.3	4.3	1.7	293.6
27	4, 13.1, 52, 53	136.4	1.4	2.7	1.1	1.1	4.2	3.5	1.7	nt	1.7	2.5	2.1	1.2	1.2	632.3
28	7, 11, 52, 53	190.4	1.7	1.2	nt	1.0	0.7	nt	0.7	0.8	1.2	0.7	0.6	0.6	6.3	291.6
29	7, 53	245.3	0.9	1.2	0.8	1.2	0.9	1.1	1.1	nt	1.7	2.0	0.8	0.1	0.1	243.6
30	15, 4, 52, 53	151.1	0.9	1.2	1.1	1.0	1.1	1.2	2.7	nt	0.9	0.9	1.0	0.8	1.0	539.5
31	1, 13.1, 52	178.9	1.1	1.3	1.0	0.7	0.9	1.1	1.7	nt	1.2	0.8	1.0	1.3	2.0	354.9
32	17, 7, 52, 53	227.7	2.3	2.0	1.1	0.6	0.7	0.8	0.5	1.0	0.9	0.9	0.7	0.7	1.1	133.2
33	15, 17, 51, 52	230.2	3.1	3.6	5.8	4.2	2.9	6.3	4.4	nt	6.2	nt	1.1	nt	1.7	343.4
34	15, 13.1, 51, 52	174.6	1.4	1.3	0.7	1.1	0.8	0.9	0.8	nt	2.1	0.8	2.0	1.1	1.0	177.4
35	13, 9, 52, 3	173.5	3.5	3.7	2.4	3.3	2.8	2.8	2.9	nt	5.9	1.4	1.8	1.2	2.4	351.4
36	4, 13, 52, 53	400.7	0.9	2.0	nt	0.8	2.1	2.0	0.7	1.5	2.0	0.7	1.1	0.8	0.7	17.6
37	4, 11, 53, 52	6147.4	0.6	2.0	nt	0.5	2.0	nt	0.8	nt	2.4	0.6	2.5	0.7	3.2	28.5
38	15, 14, 51, 52	201.1	0.8	2.4	nt	0.8	0.9	nt	0.5	nt	0.9	2.1	1.2	0.8	8.3	615.5
39	16, 7, 51, 53	294.0	2.9	0.9	0.6	0.7	0.7	0.8	0.7	nt	0.7	0.7	0.5	0.9	0.7	196.1
40	15, 7, 51, 53	135.9	1.3	2.1	1.1	1.7	1.4	1.7	1.5	nt	1.1	1.2	1.2	1.2	0.9	320.9
41	17, 11, 52	158.2	1.0	3.5	3.0	11.3	0.8	2.1	2.9	3.9	5.3	4.6	9.0	5.1	8.0	701.2
42	13, 7, 52, 53	209.0	2.3	1.0	0.3	0.9	1.1	0.9	1.0	1.0	2.0	nt	1.0	0.7	0.9	154.7
43	8, 4, 53	114.1	0.8	1.9	1.1	1.0	1.0	1.3	2.4	nt	1.9	2.2	1.5	1.2	1.7	843.2
44	9, 53	114.5	1.1	1.8	nt	1.1	0.9	nt	0.9	nt	1.6	1.1	1.6	1.1	9.3	596.2
45	1, 7, 53, 0	161	1.2	1.4	1.2	1.7	2.1	2.5	1.8	nt	2.7	1.3	0.9	1.0	1.3	402.8
46	4, 10, 53	215.5	1.0	0.8	0.9	0.7	1.0	1.1	2.5	nt	1.1	1.4	1.1	0.8	1.8	417.6
47	13, 2, 14.1, 52	240.1	0.9	7.0	0.6	16.4	0.6	0.8	1.2	nt	0.6	0.6	0.5	0.3	0.7	406.5
48	15, 9, 51, 53	148.3	nt	2.4	nt	2.8	nt	2.2	3.1	nt	2.4	nt	nt	nt	nt	477.7
49	7, 10, 53	232.0	1.7	2.5	1.1	nt	2.7	0.9	1.4	nt	1.0	1.0	0.7	0.6	0.6	524.9
50	13.1, 8, 52	312.5	1.1	0.9	1.9	0.7	0.7	1.8	0.6	1.1	1.1	3.4	0.5	0.3	0.5	103.0
51	17, 52	65.9	1.0	4.3	3.5	3.3	3.1	4.0	3.0	nt	3.9	2.9	2.9	4.1	2.1	427.5
52	11, 13, 52	185.7	0.9	2.0	1.7	1.9	1.3	1.6	1.7	nt	1.1	1.5	1.6	1.2	1.4	365.7
53	17, 7, 52, 53	180.2	2.2	2.2	2.6	1.6	0.9	0.9	1.7	2.0	2.0	4.0	1.6	1.2	4.3	967.3

* negative control nt - not tested

** positive control -PBMC stimulated with PHA (phytohemagglutinin A)

SI - stimulation index , positive SI ³ 2.0