

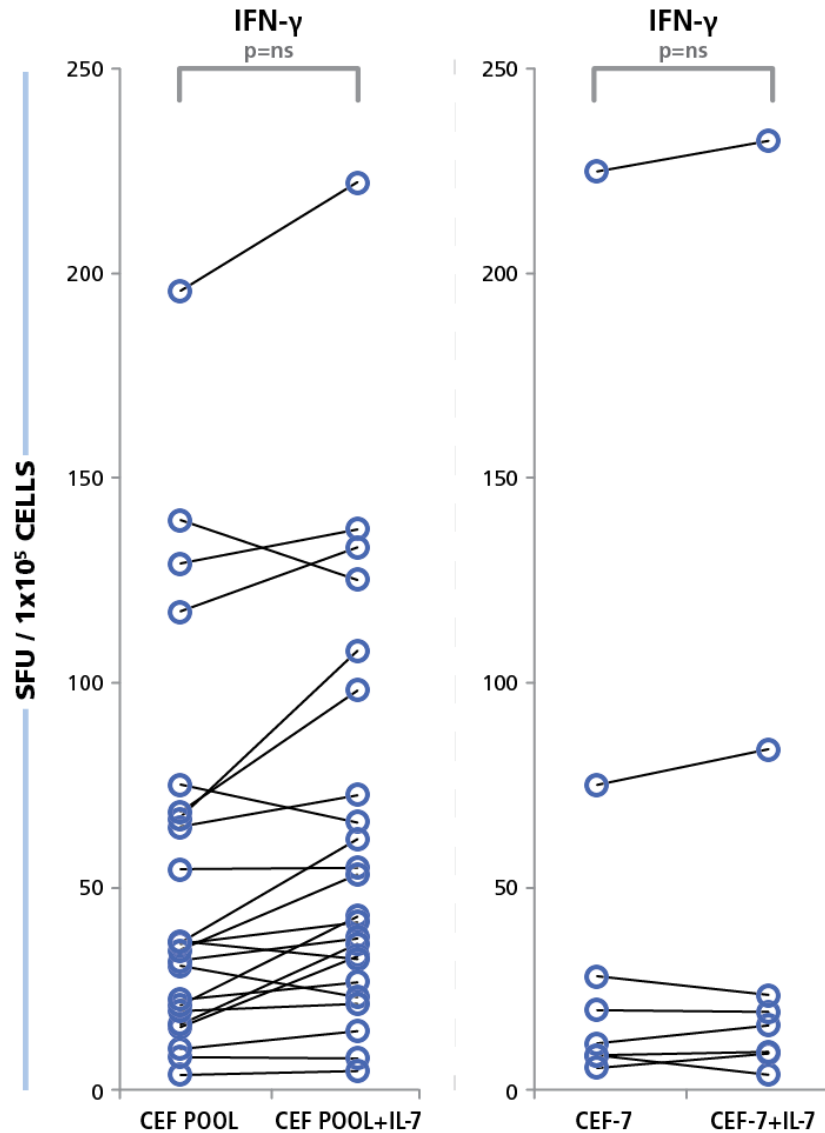
## Supplementary Materials

**Table S1.** Individual responses for IFN- $\gamma$ , IL-2, IL-4, and IL-17 responses from 45 donors.

Donor	IFN-Y		IL-2		IL-4		IL-17		OD
1	0	$\pm 0$	8	$\pm 1$	0	$\pm 0$	0	$\pm 0$	0
2	1	$\pm 0$	9	$\pm 3$	0	$\pm 0$	1	$\pm 0$	0
3	0	$\pm 0$	9	$\pm 1$	0	$\pm 0$	0	$\pm 0$	0
4	607	$\pm 4$	398	$\pm 12$	264	$\pm 38$	15	$\pm 2$	0
5	503	$\pm 17$	216	$\pm 14$	42	$\pm 1$	1	$\pm 1$	2
6	0	$\pm 0$	6	$\pm 1$	0	$\pm 0$	1	$\pm 1$	0
7	8	$\pm 4$	7	$\pm 2$	0	$\pm 0$	2	$\pm 3$	0
8	276	$\pm 4$	83	$\pm 9$	5	$\pm 4$	1	$\pm 0$	3
9	3	$\pm 2$	6	$\pm 2$	0	$\pm 0$	5	$\pm 2$	0
10	73	$\pm 14$	38	$\pm 8$	24	$\pm 4$	11	$\pm 3$	2
11	2	$\pm 2$	2	$\pm 1$	1	$\pm 1$	4	$\pm 2$	0
12	3	$\pm 2$	4	$\pm 2$	0	$\pm 0$	8	$\pm 2$	0
13	409	$\pm 19$	17	$\pm 4$	49	$\pm 11$	4	$\pm 1$	2
14	186	$\pm 2$	31	$\pm 2$	21	$\pm 4$	5	$\pm 1$	3
15	3	$\pm 1$	6	$\pm 1$	1	$\pm 1$	14	$\pm 4$	0
16	4	$\pm 2$	6	$\pm 3$	1	$\pm 0$	4	$\pm 2$	0
17	468	$\pm 18$	165	$\pm 19$	35	$\pm 4$	1	$\pm 2$	2
18	541	$\pm 11$	75	$\pm 5$	35	$\pm 9$	4	$\pm 2$	3
19	7	$\pm 2$	5	$\pm 2$	0	$\pm 0$	2	$\pm 1$	0
20	2	$\pm 0$	8	$\pm 3$	0	$\pm 0$	2	$\pm 1$	0
21	766	$\pm 17$	476	$\pm 29$	452	$\pm 37$	35	$\pm 6$	1
22	627	$\pm 30$	379	$\pm 8$	303	$\pm 53$	5	$\pm 2$	3
23	723	$\pm 5$	233	$\pm 4$	350	$\pm 21$	29	$\pm 4$	3
24	4	$\pm 2$	4	$\pm 3$	2	$\pm 2$	1	$\pm 0$	0
25	11	$\pm 3$	6	$\pm 2$	0	$\pm 0$	1	$\pm 1$	0
26	4	$\pm 3$	8	$\pm 4$	0	$\pm 0$	2	$\pm 1$	0
27	424	$\pm 11$	129	$\pm 1$	138	$\pm 22$	2	$\pm 0$	3
28	363	$\pm 11$	41	$\pm 9$	83	$\pm 6$	2	$\pm 2$	2
29	864	$\pm 54$	261	$\pm 20$	131	$\pm 8$	40	$\pm 5$	2
30	6	$\pm 2$	8	$\pm 1$	0	$\pm 0$	1	$\pm 1$	0
31	327	$\pm 28$	58	$\pm 6$	36	$\pm 1$	41	$\pm 4$	3
32	292	$\pm 39$	81	$\pm 8$	14	$\pm 2$	4	$\pm 1$	3
33	475	$\pm 26$	94	$\pm 2$	1	$\pm 0$	0	$\pm 0$	3
34	6	$\pm 1$	9	$\pm 4$	0	$\pm 0$	13	$\pm 4$	0
35	385	$\pm 7$	139	$\pm 23$	40	$\pm 6$	7	$\pm 1$	2
36	6	$\pm 3$	6	$\pm 1$	1	$\pm 0$	4	$\pm 1$	0
37	445	$\pm 5$	95	$\pm 20$	108	$\pm 19$	2	$\pm 1$	3
38	8	$\pm 1$	8	$\pm 3$	20	$\pm 1$	9	$\pm 2$	2
39	3	$\pm 2$	10	$\pm 0$	0	$\pm 0$	4	$\pm 2$	0
40	7	$\pm 5$	15	$\pm 3$	7	$\pm 7$	20	$\pm 5$	0

**Table S1. Cont.**

Donor	IFN- $\gamma$		IL-2		IL-4		IL-17		OD
41	156	$\pm 10$	110	$\pm 8$	92	$\pm 8$	4	$\pm 2$	1
42	899	$\pm 18$	399	$\pm 27$	90	$\pm 8$	46	$\pm 16$	2
43	204	$\pm 26$	43	$\pm 5$	28	$\pm 7$	9	$\pm 1$	2
44	340	$\pm 27$	60	$\pm 5$	52	$\pm 4$	8	$\pm 3$	1
45	925	$\pm 15$	490	$\pm 106$	105	$\pm 17$	119	$\pm 9$	3



**Figure S1.** No significant difference in functionality of CD8 cells with IL-7. PBMC from 40 donors were tested in an ELISPOT assay for reactivity to CEF pool, or CEF-7 antigen at 2 $\mu$ g/mL, with and without IL-7 added to the culture. The IFN-g recall response was studied in 250,000 PBMC per well. The concentration of IL-7 was 30 ng/mL. The SFU with and without IL-7 for IFN- $\gamma$  is shown. Only the positive responses are shown here.