

Supplementary Table S1: CEA-specific T-cell responses post- vs. pre-vaccination

Patient	Cohort	CD4 ⁺ T cells				CD8 ⁺ T cells				# of Responses ^a
		CD107a	IFN γ	IL2	TNF α	CD107a	IFN γ	IL2	TNF α	
B cycle 1	0	0	0	2582	0	0	0	0	2/4 (50%)	
F cycle 1	0	0	1391	0	0	288	0	0		
EE cycle 1	4	0	0	0	0	130	0	0		
OO cycle 1	4	0	0	0	0	0	0	0		
D cycle 2	0	1482	0	0	0	0	0	0	2/6 (33%)	
E cycle 2	0	1156	0	0	0	0	0	0		
J cycle 2	1	0	0	0	0	0	0	0		
M cycle 2	1	63	0	0	0	0	0	0		
O cycle 2	1	0	0	0	0	0	0	0		
FF cycle 2	4	0	0	0	0	0	0	0		
A cycle 3	0	0	0	0	0	0	0	0	3/9 (33%)	
C cycle 3	0	0	0	0	0	0	0	0		
N cycle 3	1	0	0	0	79	532	0	0		
LL cycle 3	4	22	0	17	17	0	0	0		
NN cycle 3	4	0	0	0	0	0	0	0		
PP cycle 3	4	0	297	0	0	0	0	0		
RR cycle 3	4	0	0	0	0	0	0	0		
UU cycle 3	4	260	128	0	0	0	0	141		
VV cycle 3	4	0	0	0	0	0	0	0		
*NN cycle 5	4	87	0	147	351	2116	0	0	1716	3/3 (100%)
*PP cycle 6	4	2281	806	0	0	0	27085	0	97	
*UU cycle 6	4	460	0	5	0	0	0	0	0	

Note: Absolute # of CD4⁺ or CD8⁺ T cells producing cytokine or CD107a⁺ / 1x10⁶ cells plated at start of in vitro stimulation.

^a Cytokine or CD107a in CD4⁺ or CD8⁺ T cells.

* Same patient tested as previous cycle.

Numbers in bold are those positive post- vs. pre-vaccination.