

**Supplemental Table 3****Table 3A** Number and percent of cases with >2-fold change from baseline in CD4 and CD8 infiltrates in NCA

	CD4	CD8
>2-fold (n)	9	5
Total (n)	26	26
% with >2-fold	35	19

**Table 3B** Number and percent of cases with >2-fold change from baseline in CD4 and CD8 infiltrates in CA

	CT CD4	CT CD8	IM CD4	IM CD8	NL CD4	NL CD8
> 2-fold (n)	8	6	10	6	12	7
Total (n)	26	26	25	25	22	22
% with > 2-fold	31	23	40	24	55	32

**Table 3C** Number and percent of cases with >2-fold change from baseline in Tregs and activated (Ki67+) CD8 infiltrates in NCA

	Tregs	CD8+Ki67+
>2-fold (n)	7	6
Total (n)	26	26
% with >2-fold	27	23

**Table 3D** Number and percent of cases with >2-fold change from baseline in Tregs and activated (Ki67+) CD8 infiltrates in NCA

	Tregs
<2-fold (n)	10
Total (n)	26
% with >2-fold	38

**Table 3E** Number of cases with  $\geq 2$ -fold change from baseline in CD4 and CD8 infiltrates in any of 3 compartments (tIR) in association with peripheral immune response (pIR) to any of 3 target antigens tested

Increase in IC $\geq 2$ fold					
	CD4		CD8		Total
	No	Yes	No	Yes	
pIR -	3	9	6	6	12
pIR +	4	8	4	8	12
Total	7	17	10	14	24

**Table 3F** Case-by-case data for post/pre CD4 and CD8 T-cell densities by compartment in parallel with peripheral immune response to 3 target antigens tested (pIR).

Subject	Ratio of Post to Pre IC density by Compartment						pIR to TAA			
	CT CD4	CT CD8	IM CD4	IM CD8	NL CD4	NL CD8	PSA	Muc1	Brachyury	Any TAA
1	1.00	3.51	1.23	0.83	NA	NA	0	1	0	1
2	1.36	1.18	0.38	0.46	2.39	0.49	1	0	0	1
3	0.87	1.72	0.56	1.60	1.05	0.67	0	0	0	0
4	0.13	0.08	0.70	1.23	0.26	0.79	NA	NA	NA	NA
5	0.51	1.39	4.17	1.97	4.35	2.87	1	0	0	1
6	15.38	0.94	11.99	5.45	NA	NA	NA	NA	NA	NA
7	40.11	3.00	10.97	2.31	NA	NA	0	0	0	0
8	2.52	1.82	5.84	2.60	30.88	8.55	0	0	0	0
9	0.82	1.07	1.10	0.97	1.97	0.54	0	0	0	0
10	3.25	0.49	0.30	0.34	2.33	0.23	0	0	0	0
11	2.52	1.32	1.58	0.31	1.46	2.25	1	0	0	1
12	1.10	0.45	3.27	0.43	0.82	0.66	0	0	0	0
13	1.63	2.24	0.59	0.59	29.69	0.64	0	0	0	0
15	0.95	1.02	8.06	4.66	73.95	42.17	0	1	1	1
16	1.01	2.09	4.52	4.69	6.50	0.26	0	0	0	0
17	0.77	1.50	NA	NA	NA	NA	1	1	0	1
18	1.90	1.09	0.48	0.22	0.39	0.13	0	0	1	1
19	3.33	3.67	1.55	0.38	3.13	0.61	0	1	0	1
20	4.06	5.34	2.26	2.54	0.48	0.58	0	0	0	0
21	0.27	0.88	0.40	0.80	0.82	3.46	0	0	1	1
22	4.80	0.59	16.83	1.18	2.34	1.88	1	1	1	1
23	0.32	1.01	0.78	1.51	5.22	11.37	0	0	1	1
24	0.82	1.65	0.38	0.50	3.97	1.35	0	0	0	0
25	0.78	0.52	1.44	0.24	1.80	0.63	0	0	0	0
26	0.13	0.14	0.72	0.63	18.88	12.92	0	0	0	0
27	1.07	6.22	3.22	1.97	1.32	3.20	1	1	1	1