

Table 1a:16C Immune cell profile Panel

Fluochrome	BUV737	BUV395	BV786	BV711	BV650	BV605	BV510	BV421	FITC	PE	PE-CF594	PC5.5	PC7	APC	APC AF700	APC AF750
ICP 1	CD3	CD274 (PDL-1)	CD279 (PD-1)	CD8	CD366 (TIM-3)	CD194	CD183	CD197	CD45RA	CD127	CD152 (CTLA-4)	CD25	CD27	CCR10	CD196	CD4
ICP 2	CD3	Tigit	CD134(OX40)	CD8	CD252 (OX40L)	CD194	CD183	CD197	CD45RA	CD127	CD223 (LAG3)	CD25	CD27	CCR10	CD196	CD4
ICP 3	CD3	x	CD38	CD8	CD185	CD194	CD183	CD197	CD45RA	CD127	HLA-DR	CD25	CD27	CCR10	CD196	CD4
ICP 4	CD3	CD45	x	CD8	x	x	CD62L	CD95	CD45RA	KI67	CD7	CD25	CD28	TCF1	CD197	CD4

Table 1b: Median, range, and statistical values of immune cell subsets

Sr No.	Immune cells	PB Median	PB Median Range	Tissue Median	Tissue Median Range	P value
1	CD8+T reg	0.23	0.02-2.44	1.19	0.07-4.75	5.89029E-05
2	Naive CD8+	3.09	0.89-15.79	0.3	0.30-1.98	1.69E-11
3	TE CD8+	9.03	1.54-27.98	3.04	0.46-15.00	3.43616E-07
4	CM CD8	2.29	0.63-7.86	1.12	0.10-14.29	0.005569973
5	EM CD8+	17.15	2.78-37.14	34.41	9.63-62.70	6.9889E-08
6	Tc1	2.04	0.09-24.01	19.62	2.92-27.17	4.80241E-10
7	Tc2	1.09	0.07-4.10	0.38	0.00-1.86	0.000131471
8	PD1+ CD8+ NvT	0.17	0.05-3.72	0.06	0.00-1.10	0.004912217
9	PD1+ CD8+ EM-T	3.51	0.40-16.34	17.58	7.64-47.37	2.08921E-10
10	PD1+ CD8+ TE-T	1.02	0.04-4.84	0.54	0.00-4.20	0.045835445
11	PDL1+ NV CD8	0.05	0.01-0.43	0.02	0.00-0.33	0.026718099
12	PDL1+ TE CD8	0.17	0.00-0.62	0.07	0.00-4.53	0.008498758
13	CTLA4 + EM CD8	0.06	0.00-1.06	0.16	0.02-2.21	0.037518417
14	TIM3+ NV CD8	0.13	0.07-4.66	0.02	0.00-0.67	9.48616E-07
15	TIM3+ EM CD8	0.72	0.07-5.96	5.77	0.68-33.23	1.37792E-07
16	OX40+ NV CD8	0.21	0.03-3.70	0.01	0.00-0.64	3.15654E-08
17	OX40+ CM CD8	0.26	0.02-2.26	0.11	0.00-1.83	0.015754169
18	OX40+ TE CD8	0.47	0.00-2.84	0.06	0.01-1.54	0.000329322
19	OX40L+ NV CD8	0.04	0.00-1.38	0.01	0.01-0.46	0.00012054
20	OX40L+ EM CD8	0.21	0.01-1.06	0.95	0.00-12.66	9.6547E-07
21	LAG3+ NV CD8	0.02	0.00-0.47	0	0.00-0.19	0.002756522
22	LAG3+ EM CD8	0.08	0.00-1.13	0.38	0.00-9.52	0.000180654
23	TIGIT+ NV CD8	0.12	0.06-0.66	0.03	0.00-0.45	6.39304E-05
24	TIGIT+ CM CD8	0.72	0.17-2.93	0.33	0.00-1.23	0.000122481
25	TIGIT+ TERM EFF	3.88	0.39-17.44	0.77	0.00-6.70	2.2552E-08

	CD8					
26	T regs	4.66	1.74-11.34	9.57	0.54-32.44	1.46219E-05
27	Naive CD4+ T	8.07	2.59-25.44	0.51	0.03-1.97	8.46343E-13
28	TE CD4+ T	0.55	0.09-8.35	0.37	0.00-2.20	0.032527816
29	CM CD4+T	20.57	8.25-46.28	6.53	0.39-20.99	1.66022E-10
30	EM CD4+T	13.19	7.11-31.63	27.25	7.92-50.14	1.4654E-06
31	Th1	3.25	0.03-10.99	17.58	6.64-39.42	1.66022E-10
32	Th2	3.72	0.77-14.00	0.82	0.07-2.71	2.62491E-10
33	PD1+ CD4+ NvT	0.04	0.00-1.00	0.02	0.00-0.12	0.004519789
34	PD1+ CD4+ EM-T	2.51	0.47-10.39	11.45	3.22-26.67	7.64957E-11
35	PDL1+ NV CD4	0.13	0.02-1.12	0.02	0.00-0.31	3.09272E-08
36	PDL1+ CM CD4	0.71	0.02-2.73	0.17	0.00-1.51	1.30919E-05
37	CTLA4 + NV CD4	0.04	0.00-2.36	0.01	0.00-0.48	0.001649515
38	CTLA4 + CM CD4	0.19	0.00-1.07	0.08	0.00-1.45	0.035448765
39	CTLA4 + EM CD4	0.09	0.00-1.07	0.32	0.00-2.21	0.000943634
40	TIM3+ NV CD4	0.27	0.00-3.30	0.02	0.00-0.29	3.8464E-09
41	TIM3+ CM CD4	0.68	0.09-6.70	0.19	0.00-1.30	0.000316821
42	TIM3+ EM CD4	0.36	0.00-2.53	1.55	0.00-5.37	9.24197E-06
43	OX40+ NV CD4	0.06	0.01-0.44	0	0.00-0.17	1.31078E-05
44	OX40+ EM CD4	0.13	0.02-0.64	1.15	0.00-4.16	4.27329E-09
45	OX40L+ NV CD4	0.1	0.00-0.93	0.01	0.00-0.33	1.26774E-05
46	OX40L+ EM CD4	0.17	0.01-0.68	0.77	0.00-4.99	5.78359E-06
47	LAG3+ NV CD4	0.07	0.02-0.63	0	0.00-0.19	3.626E-05
48	LAG3+ CM CD4	0.19	0.00-2.19	0.05	0.00-1.00	0.001460102
49	TIGIT+ NV CD4	0.17	0.02-0.94	0.01	0.01-0.25	4.04176E-07
50	TIGIT+ CM CD4	4.42	1.94-13.22	0.75	0.00-5.23	2.95294E-08
51	TIGIT+ EM CD4	2.26	0.02-12.27	6.7	0.86-29.73	1.05889E-05