

a

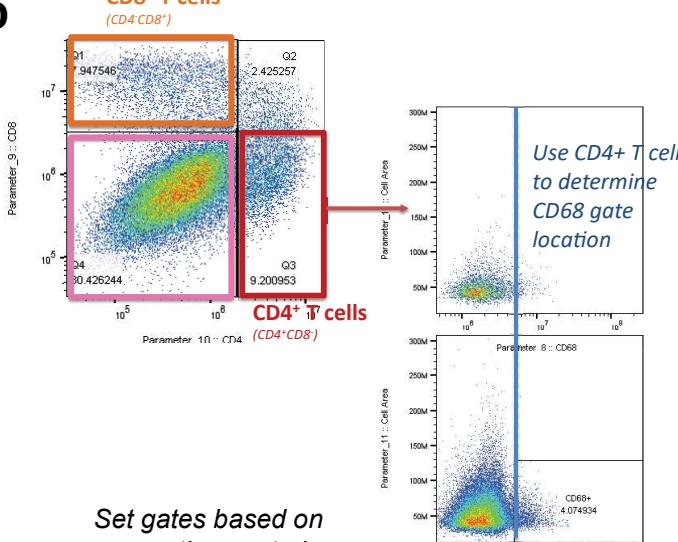
			G	R	B	M	N	O	P	S	T			
Image	Local Analysis	Re Anlaysis	Im1 Dstv	XMin	YMin	YMax	Marker 1 P Marker 1	Marker 2 P Marker 2	Marker 3 P Marker 3	Marker 4 P Marker 4	Marker 5 P Marker 5	Marker 6 P Marker 6		
2	Voronoi	Image	Zoo	1.61e+018	1326	1482	1550	1.07351	0.993678	0.10104	0.374959	0.0510460	0.48738	
3	Voronoi	Image	Zoo	1.61e+018	1427	1449	1453	0.98177	0.98177	0.10104	0.374959	0.0510460	0.48738	
4	Voronoi	Image	Zoo	1.61e+018	1427	1449	1453	0.242642	0.238442	0.144661	0.172796	0.107331	0.375792	
5	Voronoi	Image	Zoo	1.61e+018	1381	1388	1625	0.19	2.2095	0.19262	0.251815	0.022058	0.075565	
6	Voronoi	Image	Zoo	1.61e+018	1427	1449	1453	0.242642	0.238442	0.144661	0.172796	0.107331	0.375792	
7	Voronoi	Image	Zoo	1.61e+018	1429	1459	1469	0.19	2.2095	0.19262	0.251815	0.022058	0.075565	
8	Voronoi	Image	Zoo	1.61e+018	1429	1459	1467	0.111454	0.11809	0.151764	0.135158	0.290213	0.428075	
9	Voronoi	Image	Zoo	1.61e+018	1404	1426	1601	0.171	0.11584	0.051094	0.374932	0.020419	0.301031	
10	Voronoi	Image	Zoo	1.61e+018	1381	1388	1625	0.19	2.2095	0.19262	0.251815	0.022058	0.075565	
11	Voronoi	Image	Zoo	1.61e+018	1322	1359	1669	0.1884	0.086952	0.1586401	0.431211	0.120472	0.255467	
12	Voronoi	Image	Zoo	1.61e+018	1406	1420	1862	1.086	0.03518	0.575294	0.264622	0.051044	0.393571	
13	Voronoi	Image	Zoo	1.61e+018	1420	1449	1704	0.19	2.2095	0.19262	0.251815	0.022058	0.075565	
14	Voronoi	Image	Zoo	1.61e+018	1421	1449	1861	1.0711	0.7753492	0.0743551	0.17369	0.62363	0.129635	
15	Voronoi	Image	Zoo	1.61e+018	1481	1509	1698	1.0704	0.107714	0.5753492	0.0743551	0.17369	0.62363	
16	Voronoi	Image	Zoo	1.61e+018	1420	1449	1654	0.05544	0.60744	0.705727	0.705744	0.825266	0.339986	
17	Voronoi	Image	Zoo	1.61e+018	1420	1449	1655	0.05544	0.60744	0.705727	0.705744	0.825266	0.339986	
18	Voronoi	Image	Zoo	1.61e+018	1456	1488	1699	1.0710	0.11862	0.20873	0.059398	0.164481	0.399754	
19	Voronoi	Image	Zoo	1.61e+018	1332	1352	1760	1.0716	0.12070	0.4646542	0.0514507	0.0514529	0.191797	
20	Voronoi	Image	Zoo	1.61e+018	1332	1352	1761	1.0716	0.12070	0.4646542	0.0514507	0.0514529	0.191797	
21	Voronoi	Image	Zoo	1.61e+018	1540	1560	1723	1.0718	0.0517832	0.4455344	0.228847	0.610584	0.138493	
22	Voronoi	Image	Zoo	1.61e+018	1560	1583	1712	1.0717	0.117541	0.109486	0.4562526	0.211654	0.09006	0.237126
23	Voronoi	Image	Zoo	1.61e+018	1560	1583	1713	1.0717	0.117541	0.109486	0.4562526	0.211654	0.09006	0.237126
24	Voronoi	Image	Zoo	1.61e+018	1343	1348	1731	1.0713	0.087125	0.154975	0.6151012	0.168604	0.188419	
25	Voronoi	Image	Zoo	1.61e+018	1420	1452	1510	1.0716	0.0738941	0.6154946	0.715145	0.648046	0.237449	
26	Voronoi	Image	Zoo	1.61e+018	1420	1452	1510	1.0716	0.0738941	0.6154946	0.715145	0.648046	0.237449	
27	Voronoi	Image	Zoo	1.61e+018	1356	1532	1758	1.0718	0.109061	0.13624	0.355773	0.157376	0.480310	
28	Voronoi	Image	Zoo	1.61e+018	1356	1532	1758	1.0718	0.109061	0.13624	0.355773	0.157376	0.480310	
29	Voronoi	Image	Zoo	1.61e+018	1548	1545	1755	1.0717	0.15294	0.11357	0.675215	0.21046	0.490007	
30	Voronoi	Image	Zoo	1.61e+018	1420	1452	1506	1.0719	0.12083	0.6976106	0.327769	0.129852	0.137173	
31	Voronoi	Image	Zoo	1.61e+018	1420	1452	1506	1.0719	0.12083	0.6976106	0.327769	0.129852	0.137173	
32	Voronoi	Image	Zoo	1.61e+018	1386	1401	1760	1.0720	0.142057	0.1310932	0.3564528	0.020729	0.291713	
33	Voronoi	Image	Zoo	1.61e+018	1386	1401	1761	1.0720	0.142057	0.1310932	0.3564528	0.020729	0.291713	
34	Voronoi	Image	Zoo	1.61e+018	1353	1351	1798	1.0719	0.122188	0.1553683	0.705599	0.581818	0.091343	
35	Voronoi	Image	Zoo	1.61e+018	1420	1441	1791	1.0719	0.122188	0.1553683	0.705599	0.581818	0.091343	
36	Voronoi	Image	Zoo	1.61e+018	1420	1441	1791	1.0719	0.122188	0.1553683	0.705599	0.581818	0.091343	
37	Voronoi	Image	Zoo	1.61e+018	1545	1541	1802	1.0133	0.087913	0.118945	0.598564	0.212459	0.356981	
38	Voronoi	Image	Zoo	1.61e+018	1545	1541	1802	1.0133	0.087913	0.118945	0.598564	0.212459	0.356981	
39	Voronoi	Image	Zoo	1.61e+018	1577	1593	1805	1.0133	0.0736833	0.48266	0.48266	0.083972	0.231267	
40	Voronoi	Image	Zoo	1.61e+018	1577	1593	1805	1.0133	0.0736833	0.48266	0.48266	0.083972	0.231267	
41	Voronoi	Image	Zoo	1.61e+018	1574	1617	1807	1.0133	0.18944	0.707154	0.544451	0.059785	0.151186	
42	Voronoi	Image	Zoo	1.61e+018	1574	1617	1807	1.0133	0.18944	0.707154	0.544451	0.059785	0.151186	

Multiplex imaging fluorescence object data

Convert to integer format

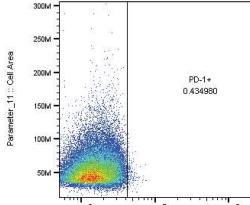
Convert to integer format

b

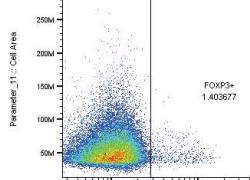


*Set gates based on
negative control*

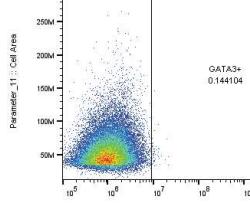
PD-1



EXP3



GATA3



Parameter 8 - CD69

CD4⁺ T cells

CD8⁺ T cells

PD-1+
2.265981

PD-1+
36.997029

Parameter S1: PD-1

300M

FOXP3+
36.808957

FOXP3+
2.322441

GATA3
0.72311

GATA3+
0.466092

Drag and drop into FlowJS10