

Supplementary Table 4. Kinetics of human immunophenotypic markers measured by flow cytometry analyses of blood cells for B95-8 model. Analyses at several time points for control (N=4, 0-6 wpi; N=3, wpi 8) and treated mice (N=11).

B95-8	Phenotype	Mean	SD	Mean	SD	Mean Difference	Unpaired Welch's t test
Time-point, wpi	Markers	CTR	CTR	Pembro (merged)	Pembro (merged)	CTR vs Pembro (merged)	CTR vs Pembro (merged)
0	%CD45	21,90	17,25	28,06	10,40	-6,155	0,5407
0	%CD3/CD45	12,13	8,04	16,08	6,31	-3,955	0,4196
0	%CD19/CD45	78,65	4,41	75,30	4,59	3,35	0,2489
0	%CD4/CD45	5,27	2,84	7,90	2,73	-2,632	0,1674
0	%CD8/CD45	6,45	5,36	7,35	4,54	-0,9007	0,7775
0	CD4/PD1 MFI*	3,777	0,1849	3,822	0,2931	0,045	0,7333
0	CD8/PD1 MFI*	3,370	0,1239	3,701	0,2666	0,3314	0,0070
2	%CD45	23,93	8,00	27,17	13,13	-3,248	0,5779
2	%CD3/CD45	15,55	7,87	22,49	13,42	-6,933	0,2489
2	%CD19/CD45	74,35	6,92	69,25	15,14	5,095	0,3916
2	%CD4/CD45	8,42	4,63	12,03	6,85	-3,619	0,2765
2	%CD8/CD45	6,64	2,89	9,83	7,15	-3,195	0,2408
2	CD4/PD1 MFI*	3,947	0,4790	4,117	0,4162	0,1701	0,5583
2	CD8/PD1 MFI*	4,508	0,2992	4,377	0,5613	-0,1310	0,5742
3, 4	%CD45	24,50	8,72	17,00	7,35	7,521	0,1889
3, 4	%CD3/CD45	12,13	7,63	16,41	5,94	3,741	0,4203
3, 4	%CD19/CD45	78,33	9,38	77,72	7,44	-3,193	0,5692
3, 4	%CD4/CD45	9,37	4,53	8,63	3,73	0,7443	0,7813
3, 4	%CD8/CD45	10,10	4,52	7,41	2,57	2,69	0,3277
3, 4	CD4/PD1 MFI*	4,245	0,1963	3,173	0,1584	-1,072	0,0003
3, 4	CD8/PD1 MFI*	4,301	0,1554	3,606	0,2450	-0,6956	0,0001
5, 6	%CD45	20,60	14,12	16,48	6,19	4,151	0,6050
5, 6	%CD3/CD45	61,20	21,51	32,76	11,83	28,44	0,0715
5, 6	%CD19/CD45	29,08	23,58	57,52	13,20	-23,56	0,1090
5, 6	%CD4/CD45	13,05	7,19	7,93	7,02	5,111	0,2727
5, 6	%CD8/CD45	47,08	26,80	24,36	15,58	22,72	0,1893
5, 6	CD4/PD1 MFI*	4,658	0,3002	3,467	0,2850	-1,191	0,0009
5, 6	CD8/PD1 MFI*	4,806	0,4794	4,486	0,5555	-0,3202	0,3143
8	%CD45	30,57	11,79	40,29	19,74	-9,727	0,3262
8	%CD3/CD45	82,43	15,55	56,43	24,29	26,01	0,0738
8	%CD19/CD45	13,75	13,65	36,01	19,58	-22,26	0,078
8	%CD4/CD45	25,64	33,00	5,54	5,41	20,11	0,4019
8	%CD8/CD45	54,97	29,86	49,72	26,93	5,248	0,8011
8	CD4/PD1 MFI*	4,382	0,1414	3,357	0,2444	-1,025	0,0001
8	CD8/PD1 MFI*	4,507	0,6777	3,979	0,8093	-0,5288	0,3194

* - original values were log-transformed before statistical tests