



Supplementary Figure 1

Supplementary Table 1 The proportion of total T cells, CD4 T cells, and CD8 T cells in the bone marrow change before and after PD-1 antibody treatment

	Anti-PD-1 antibody treatment	total T cell (%)	CD4 T cell (%)	CD8 T cell (%)	CD4 T /CD8 T
Case 1	Before	87.62	22.48	68.79	0.33
	After	62.9	26.94	67.68	0.40
Case 2	Before	82.12	14.72	82.16	0.18
	After	40.48	10.53	88.07	0.12
Case 3	Before	71.55	15.79	82.05	0.19
	After	49.05	13.64	84.16	0.16
Case 4	Before	68.46	18.16	77.30	0.23
	After	44.14	31.50	63.28	0.50
Case 5	Before	66.22	47.6	47.83	1.00
	After	49.84	39.69	53.8	0.74