

Supplementary Table S2: List of cell populations analyzed in the present study.

Panel 1: Immune status	
Leukocytes	
Lymphocytes	
T lymphocytes	CD45 ⁺ CD3 ⁺
T helper cells	CD45 ⁺ CD3 ⁺ CD4 ⁺ CD8 ⁻
Cytotoxic T cells	CD45 ⁺ CD3 ⁺ CD4 ⁻ CD8 ⁺
Ratio CD4/CD8	
B cells	CD45 ⁺ CD19 ⁺
NK cells	CD45 ⁺ CD3 ⁻ CD16/56 ⁺
Activated NK cells	CD45 ⁺ CD3 ⁻ CD16/56 ⁺ CD38 ⁺ HLA-DR ⁺
	CD45 ⁺ CD3 ⁻ CD16/56 ⁺ CD38 ⁺
	CD45 ⁺ CD3 ⁻ CD16/56 ⁺ HLA-DR ⁺
NK T cells	CD45 ⁺ CD3 ⁺ CD16/56 ⁺
Activated CD4 ⁺ T cells	CD45 ⁺ CD4 ⁺ CD8 ⁻ CD38 ⁺ HLA-DR ⁺
	CD45 ⁺ CD4 ⁺ CD8 ⁻ HLA-DR ⁺
	CD45 ⁺ CD4 ⁺ CD8 ⁻ CD38 ⁺
Activated CD8 ⁺ T cells	CD45 ⁺ CD4 ⁻ CD8 ⁺ CD38 ⁺ HLA-DR ⁺
	CD45 ⁺ CD4 ⁻ CD8 ⁺ HLA-DR ⁺
	CD45 ⁺ CD4 ⁻ CD8 ⁺ CD38 ⁺
Panel 2: $\alpha/\beta/\gamma/\delta$ T cells	
α/β T cells	CD45 ⁺ CD3 ⁺ α/β ⁺
γ/δ T cells	CD45 ⁺ CD3 ⁺ γ/δ ⁺
Double-positive T cells	CD45 ⁺ CD3 ⁺ CD4 ⁺ CD8 ⁺
Double-negative T cells	CD45 ⁺ CD3 ⁺ CD4 ⁻ CD8 ⁻
α/β double-negative T cells	CD45 ⁺ CD3 ⁺ CD4 ⁻ CD8 ⁻ α/β ⁺
γ/δ double-negative T cells	CD45 ⁺ CD3 ⁺ CD4 ⁻ CD8 ⁻ γ/δ ⁺
Panel 3: T cell differentiation	
Thymus emigrant CD4 ⁺	CD45 ⁺ CD3 ⁺ CD4 ⁺ CD45RA ⁺ CD31 ⁺
Thymus emigrant CD8 ⁺	CD45 ⁺ CD3 ⁺ CD8 ⁺ CD45RA ⁺ CD31 ⁺
naive CD4 ⁺	CD45 ⁺ CD3 ⁺ CD4 ⁺ CD45RA ⁺ CD45RO ⁻ CCR7 ⁺
naive CD8 ⁺	CD45 ⁺ CD3 ⁺ CD8 ⁺ CD45RA ⁺ CD45RO ⁻ CCR7 ⁺
Effector memory CD4 ⁺	CD45 ⁺ CD3 ⁺ CD4 ⁺ CD45RA ⁻ CD45RO ⁺ CCR7 ⁻
Effector memory CD8 ⁺	CD45 ⁺ CD3 ⁺ CD8 ⁺ CD45RA ⁻ CD45RO ⁺ CCR7 ⁻
Central memory CD4 ⁺	CD45 ⁺ CD3 ⁺ CD4 ⁺ CD45RA ⁻ CD45RO ⁺ CCR7 ⁺

Central memory CD8 ⁺	CD45 ⁺ CD3 ⁺ CD8 ⁺ CD45RA ⁻ CD45RO ⁺ CCR7 ⁺
Effector CD4 ⁺	CD45 ⁺ CD3 ⁺ CD4 ⁺ CD45RA ⁺ CD45RO ⁻ CCR7 ⁻
Effector CD8 ⁺	CD45 ⁺ CD3 ⁺ CD8 ⁺ CD45RA ⁺ CD45RO ⁻ CCR7 ⁻
Panel 4: HLA-DR on monocytes	
HLA-DR on monocytes	SSC ⁺ CD14 ⁺ HLA-DR ⁺
Panel 5: Regulatory T cells	
Treg	CD45 ⁺ CD3 ⁺ CD4 ⁺ CD25 ⁺ CD127 ^{low}
IL2 receptor expression	CD45 ⁺ CD3 ⁺ CD4 ⁺ CD25 ⁺
CD39	CD45 ⁺ CD3 ⁺ CD4 ⁺ CD25 ⁺ CD127 ^{low} CD39
Panel 6: Detection of PD-1	
On T lymphocytes	CD45 ⁺ CD3 ⁺ PD1 ⁺
On T helper cells	CD45 ⁺ CD3 ⁺ CD4 ⁺ CD8 ⁻ PD1 ⁺
On cytotoxic T cells	CD45 ⁺ CD3 ⁺ CD4 ⁻ CD8 ⁺ PD1 ⁺
Blank value, 24 h blank value, 24 h anti-CD3/-CD28 stimulated	
Panel 7: Detection of CTLA-4	
In T lymphocytes	CD45 ⁺ CD3 ⁺ CTLA4 ⁺
In T helper cells	CD45 ⁺ CD3 ⁺ CD4 ⁺ CD8 ⁻ CTLA4 ⁺
In cytotoxic T cells	CD45 ⁺ CD3 ⁺ CD4 ⁻ CD8 ⁺ CTLA4 ⁺
Blank value, 24 h blank value, 24 h anti-CD3/-CD28 stimulated	
Panel 8: STAT5 phosphorylation	
In T cells	CD45 ⁺ CD3 ⁺ pSTAT5 ⁺
Blank value, IL-2 stimulated, 24 h blank value, 24 h anti-CD3/-CD28 stimulated	