

SUPPLEMENTARY TABLES

Supplementary Table 1. Maturation T-cell subsets stratified by lower (1st tertile, <1.4), intermediate (2nd tertile, 1.4-2) or higher (3rd tertile, >2) CD4/CD8 ratios.

Cell subset	CD4/CD8<1.4 N = 22 (Group a)	1.4<CD4/CD8<2 N = 19 (Group b)	CD4/CD8>2 N = 24 (Group c)	p (K-W)	p (M-W) (a vs. b)	p (M-W) (a vs. c)	p (M-W) (b vs. c)
CD4 (%)	47.1 [42.9 – 56.2]	60.2 [55.1 – 63.8]	73.0 [69.1 – 80.3]	< 0.001	0.151	< 0.001	0.001
Naïve	18.6 [11.4 – 37.7]	21.4 [14.4 – 27.4]	37.9 [26.1 – 51.7]	0.001	1	0.005	0.004
CM	30.5 [23.5 – 41.6]	37.7 [27.2 – 42.5]	35.5 [29.3 – 43.1]	0.548	0.425	0.291	0.922
EM	38.4 [19.6 - 45]	34.2 [30 - 43.1]	19.3 [14.3 - 334]	0.002	1	0.011	0.007
TemRA	2.4 [1.5 – 7.1]	4.7 [1.6 – 9.1]	1.8 [0.8 – 4.6]	0.114	0.411	0.169	0.050
Naïve/CM ratio	0.53 [0.39 – 0.99]	0.67 [0.43 – 0.84]	0.92 [0.71 – 1.87]	0.003	0.859	0.013	0.010
Treg (CD25^{hi} FoxP3⁺, %)	1.2 [1 – 1.9]	1.43 [1.2 – 1.9]	1.1 [0.8 – 1.5]	0.108	0.410	0.150	0.049
Treg/Tconv ratio	0.0122 [0.0099 – 0.0194]	0.0145 [0.0120 – 0.0195]	0.0109 [0.0077 – 0.0151]	0.108	0.410	0.150	0.050
Treg (Miyara's, %):							
Effector	3.3[2.3 – 5.2]	2.9 [2.5 – 4.3]	2.3 [1.4 – 4.15]	0.169	0.768	0.072	0.176
Naïve	5.3 [4.1 - 8]	6.4 [3.1 – 9.7]	7.2 [5.1 – 8.7]	0.368	0.638	0.146	0.456
Non-Treg	25.5 [16.5 – 31.6]	20.3 [18.8 – 28.6]	20.3 [11.2 – 23.3]	0.119	0.619	0.045	0.171
CD8 (%)	52.4 [43.5 – 56.6]	39.4 [34.0 – 77.5]	26.8 [19.2 – 29.7]	< 0.001	0.154	< 0.001	0.001
Naïve	4.9 [2 – 7.1]	6.1 [4.2 – 9.2]	8.4 [6 – 17.1]	0.002	0.987	0.002	0.067
CM	12.9 [3.2 – 17.8]	15.7 [9.5 – 30.2]	20 [14.4 – 27.8]	0.014	0.168	0.013	1
EM	23.8 [18 – 32.6]	28 [20.3 – 37.7]	22.6 [16.7 – 35.1]	0.478	0.261	0.869	0.322
TemRA	25.5 [16.5 – 31.6]	20.3 [18.8 – 28.6]	20.3 [11.2 – 23.3]	0.002	0.032	0.002	1
Naïve/CM ratio	0.68 [0.45 – 0.99]	0.59 [0.28 – 1.18]	0.92 [0.51 – 1.37]	0.198	0.123	0.140	0.753
CD4⁺ CD8⁺ (%)	0.46 [0.28 – 0.68]	0.28 [0.18 – 0.54]	0.45 [0.14 – 0.77]	0.533	0.175	0.817	0.680
CD4⁺ CD8⁻ (%)	4.95 [3.63 – 7.47]	4.63 [2.24 – 7.50]	5.82 [3.52 – 11.70]	0.656	0.586	0.390	0.300

Notes: Quantitative variables are expressed as median [IQR]. Variables with a p value <0.05 were considered statistically significant and are shown in bold. Abbreviations: K-W, non-parametric Kruskal-Wallis test; M-W, non-parametric Mann-Whitney U test; CM, central memory; EM, effector memory; TemRA, terminally differentiated effector memory; Treg, regulatory T-cell; and Tconv, conventional T-cells.

Supplementary Table 2. Parameters related to inflammatory response stratified by a lower (1st tertile, <1,4), intermediate (2nd tertile, 1,4-2) or higher (3rd tertile, >2) CD4/CD8 ratio.

Variable	CD4/CD8<1.4 N = 22 (Group a)	1.4<CD4/CD8<2 N = 19 (Group b)	CD4/CD8>2 N = 24 (Group c)	p (K-W)	p (M-W) (a vs. b)	p (M-W) (a vs. c)	p (M-W) (b vs. c)
IL-6 (pg/mL)	3.71 [2.65 – 5.78]	3.10 [2.29 – 4.46]	3.36 [2.35 – 4.53]	0.402	0.124	0.474	0.762
hsCRP (mg/L)	3.70 [2.23 – 3.33]	2.25 [1.75 – 3.33]	2.30 [0.90 – 3.4]	0.101	0.040	0.046	0.805
PLR	117 [80 – 175]	93 [77 – 159]	117 [100 – 162]	0.409	0.315	0.949	0.198
NLR	2.22 [1.74 – 2.77]	1.92 [1.64 – 2.70]	2.47 [1.89 – 2.90]	0.421	0.693	0.330	0.246
LBP (ng/mL)	13.2 [10.6 – 14.9]	12.4 [10.9 – 14.5]	12.7 [9.3 – 14.7]	0.662	0.560	0.386	0.838
β2M (μg/mL)	2.85 [2.40 – 3.80]	2.45 [2.17 – 3.23]	2.30 [1.93 – 3.53]	0.121	0.141	0.066	0.401
D-dimers (μg/L)	830 [505 - 1225]	780 [410 - 1160]	660 [420 - 1220]	0.878	0.723	0.646	0.866
sCD163 (ng/L)	1012 [889 – 1534]	1147 [880 – 1223]	958 [724 – 1204]	0.253	0.960	0.237	0.169

Notes: Quantitative variables are expressed as median [IQR]. Variables with a *p* value <0.05 were considered statistically significant and are shown in bold. Abbreviations: K-W, non-parametric Kruskal-Wallis test; M-W, non-parametric Mann-Whitney *U* test; IL-6, interleukin 6; hsCRP, high sensitive C reactive protein; PLR, platelets to lymphocytes ratio; NLR, neutrophils to lymphocytes ratio; LBP, lipopolysaccharide binding protein; β2M, β2 microglobulin.