

Table, Supplemental Digital Content 1: Frequency of immune cells in peripheral blood and GALT from HIV-controllers and seronegative donors

Cell population	Sample	HIV controllers median (range min-max)	Seronegative donors median (range min-max)	P value (significant p<0.05)
pDC	PB	0.15% (0.063% - 0.27%)	0.22% (0.051% - 0.375%)	0.1715
mDC	PB	0.16% (0.08% - 1.185%)	0.26% (0.047% - 0.74%)	0.436
CD56 ^{dim} CD16 ⁺ NK cells	PB	5.5% (0.01% - 13.36%)	8.81% (1.76% - 25.6)	0.1797
CD56 ^{dim} CD16 ⁻ NK cells	PB	0.58% (0.24% - 15.29%)	0.3% (0.11% - 1.6%)	0.0053
CD56 ^{bright} NK cells	PB	0.45% (0.06% - 1.17%)	0.28% (0.06% - 0.83%)	0.0741
CD56 ⁻ NK cells	PB	1.15% (0.01% - 1.91%)	1.4% (0.04% - 3.01%)	0.0758
iNKT cells	PB	0.08% (0.02% - 0.30%)	0.27% (0.04% - 0.56%)	0.0126
CD4+ T cells	PB	31.05% (27.1% - 39.38%)	34.24% (26% - 40.54%)	0.0945
CD8+ T cells	PB	40.4% (21.4% - 55.4%)	19.7% (10.01% - 45.6%)	0.0012
CD4+CD8+ T cells	PB	0.42% (0.21% - 0.95%)	0.38% (0.12% - 1.14%)	0.1421
Tregs	PB	2.4% (1.5% - 3.8%)	3.4% (1.2% - 8.5%)	0.0879
Total NK cells	GALT	5.1% (1.1% - 21.6%)	3.25% (1.5% - 10.9%)	0.1088
CD4+ T cells	GALT	26.51 (11.07% - 36.36%)	32.93% (22.6% - 65.8%)	0.0359
CD8+ T cells	GALT	28.96% (10.86% - 40.03%)	27.03 (10.91% - 48.65%)	0.7568
CD4+ cells (IHC)	GALT	71 cells/area (15 - 109 cells/area*)	82 cells/area (38 - 213 cells/area)	0.1331
CD8+ cells (IHC)	GALT	93 cells/area (56 - 212 cells/area*)	105 cells/area (33 - 140 cells/area)	0.7690

* Area equals 0.1964mm²

PB: Peripheral blood

GALT: Gut associated lymphoid tissue

IHC: Immunohistochemistry

Table, Supplemental Digital Content 2: Phenotype of immune cells in peripheral blood and GALT from HIV-controllers and seronegative donors

Cell population	Sample	HIV controllers median (range min-max)	Seronegative donors median (range min-max)	P value (significant p<0.05)
CD86 ⁺ pDC	PB	2.33% (0% - 15.7%)	2.24% (0% - 17.6%)	0.9341
CD86 ⁺ mDC	PB	0.59% (0% - 6.43%)	1.1% (0% - 4.4%)	0.4301
CD69 ⁺ CD56 ^{dim} CD16 ⁺ NK cells	PB	1.27% (0% - 9.09%)	1.83% (0.11% - 3.72%)	0.6497
CD69 ⁺ CD56 ^{dim} CD16 ⁻ NK cells	PB	1.64% (0% - 3.82%)	1.34% (0% - 12.72%)	0.9342
CD69 ⁺ CD56 ^{bright} NK cells	PB	0.72% (0% - 3.33%)	0.50% (0% - 8.96%)	0.5629
CD69 ⁺ CD56 ⁻ NK cells	PB	1.15% (0.01% - 1.91%)	1.39% (0.04% - 3.01%)	0.0758
HLA-DR ⁺ CD38 ⁺ CD4 ⁺ T cells	PB	3.41% (1.8% - 5.08%)	3.22% (1.28% - 6.1%)	1.000
HLA-DR ⁺ CD38 ⁺ CD8 ⁺ T cells	PB	18.2% (4.8% - 32.62%)	8.83% (2.72% - 19.63%)	0.0036
HLA-DR ⁺ CD38 ⁺ CD4 ⁺ CD8 ⁺ T cells	PB	34.7% (10.3% - 68.92%)	29.59% (9.8% - 50%)	0.3118
CD69 ⁺ total NK cells	GALT	2.4% (0.1% - 10%)	2.9% (0.3% - 24.5%)	0.4648
HLA-DR ⁺ CD38 ⁺ CD4 ⁺ T cells	GALT	0.66% (0.16% - 13.47%)	2.0% (0.23% - 6.13%)	0.5494
HLA-DR ⁺ CD38 ⁺ CD8 ⁺ T cells	GALT	9.27% (4.78% - 32.14%)	14.32% (3.45% - 30.16%)	0.0990

PB: Peripheral blood

GALT: Gut associated lymphoid tissue