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Supplemental Material to:

Nicole Prada, Guillemette Antoni, Frédéric Commo, Sylvie Rusakiewicz, Michaela Semeraro, Faroudy Boufassa, Olivier Lambotte, Laurence Meyer, Marie-Lise Gougeon and Laurence Zitvogel

Analysis of NKp30/NCR3 isoforms in untreated HIV-1-infected patients from the ANRS SEROCO cohort

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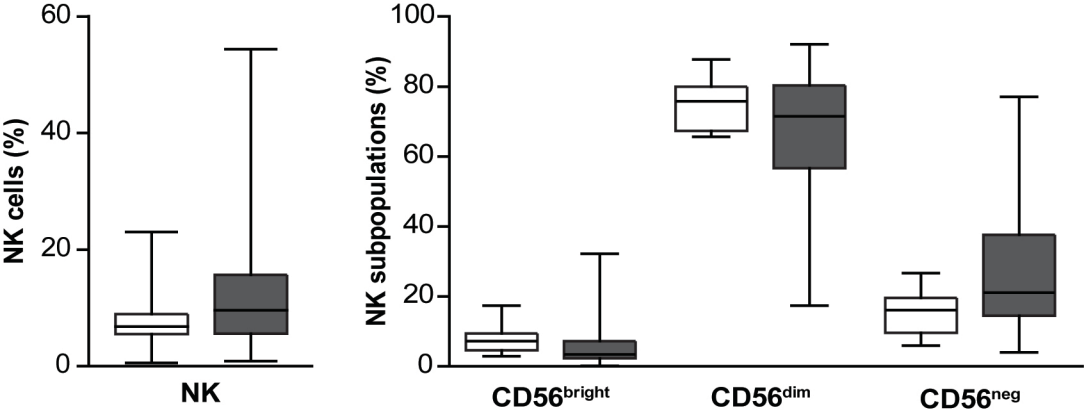
NK cells (%)
60
40
20
0
NK
NK subpopulations (%)
100
80
60
40
20
0
CD56bright
CD56dim
CD56neg

Figure S1

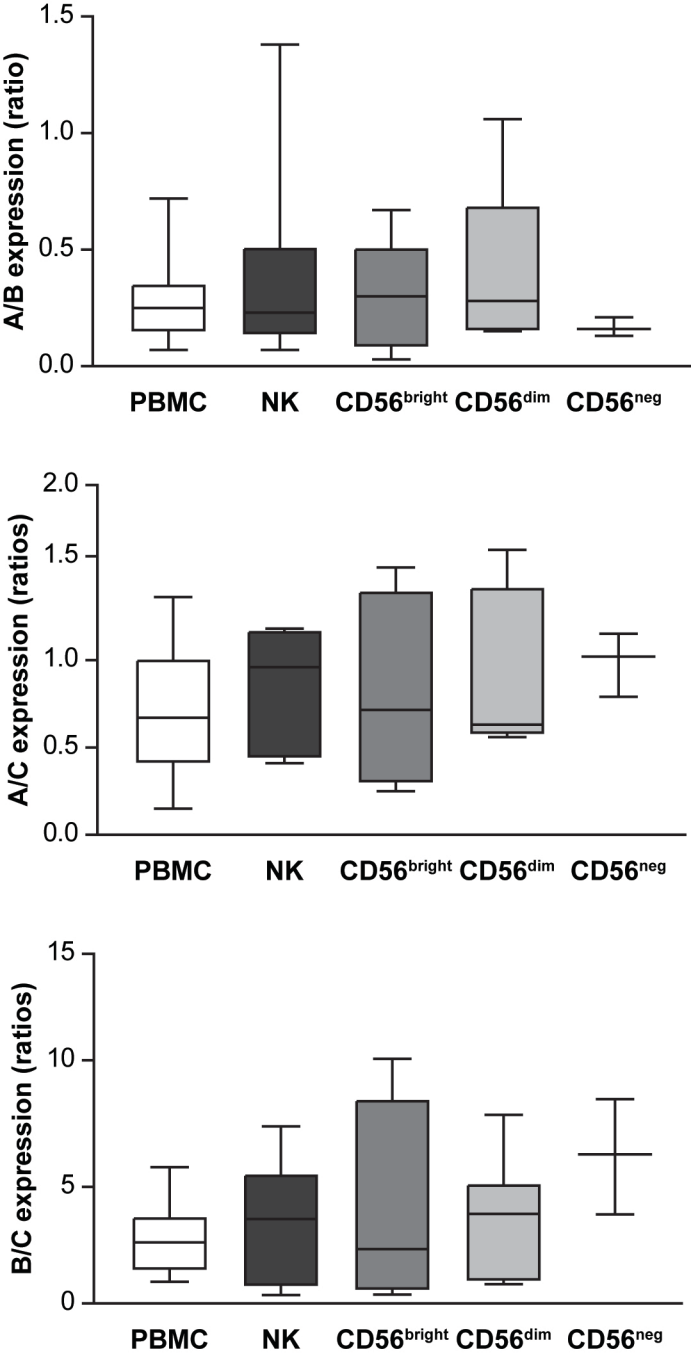
A/B expression (ratio)
1.5
1.0
0.5
0.0
PBMC
NK
CD56bright
CD56dim
CD56neg
A/C expression (ratios)
2.0
1.5
1.0
0.5
0.0
PBMC
NK
CD56bright
CD56dim
CD56neg
B/C expression (ratios)
15
10
5
0
PBMC
NK
CD56bright
CD56dim
CD56neg

Figure S2

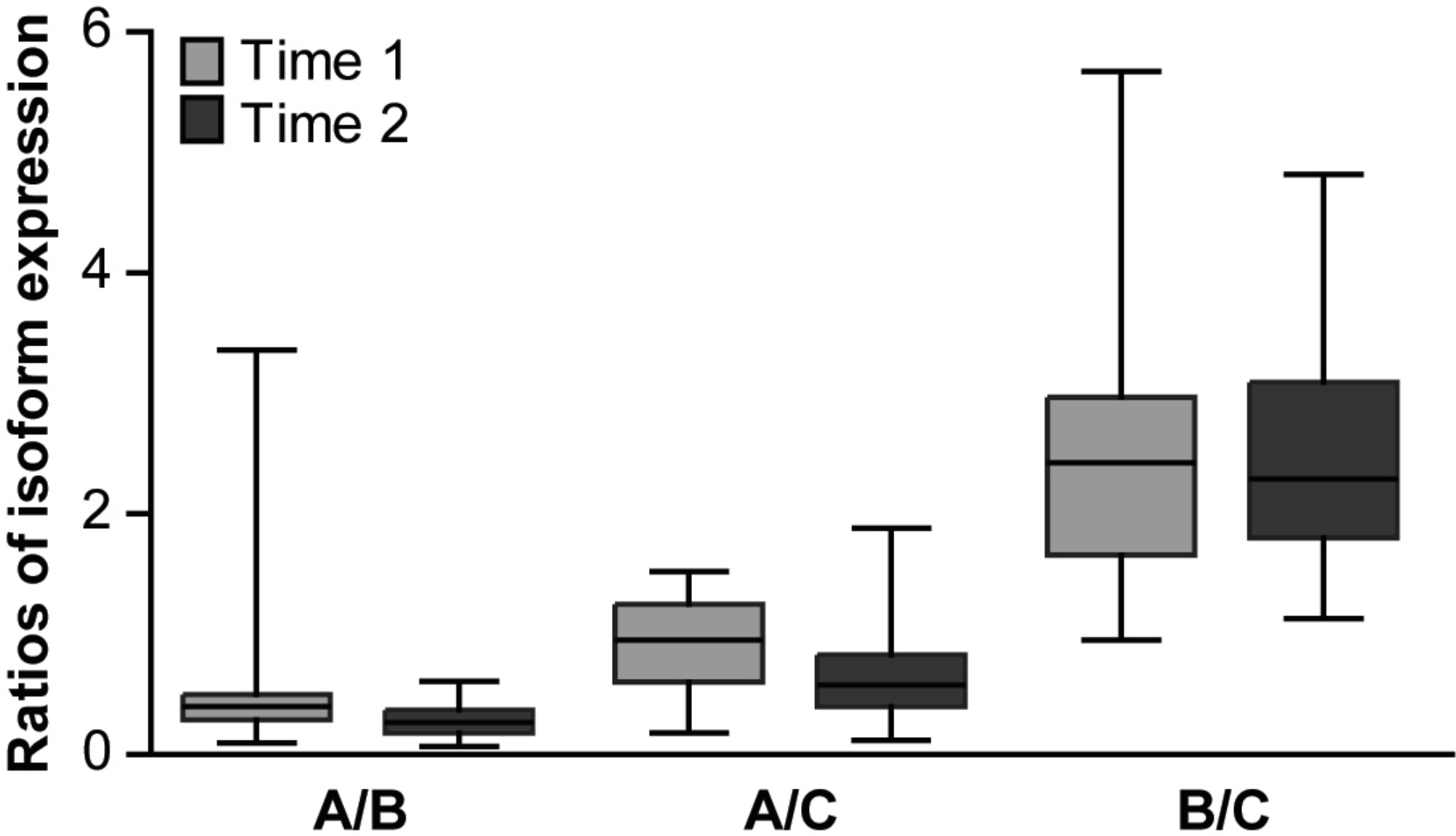

Figure S3

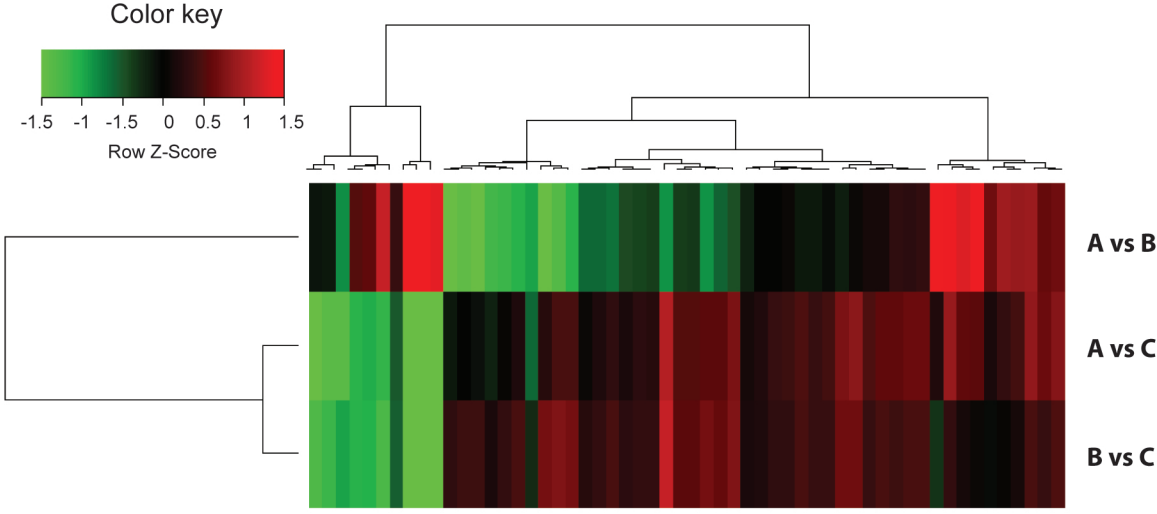

Figure S4

Figure S1. Comparable percentages of NK-cells and NK-cell subsets in HIV-1^+ seroconverters and healthy donors. The percentages of natural killer (NK, $CD3^-$, $CD56^+$ and/or $CD16^+$) cells among peripheral blood mononuclear cells (PBMCs) and $CD56^{bright}$, $CD56^{dim}$ and $CD56^{neg}$ cells among NK cells (as defined in **Fig. 1**) are shown. White and grey boxes represent data for healthy donors (HDs, n=10) and HIV-1^+ subjects (n=74), respectively. Middle bars = median values, box plots = 25% and 75% percentiles, whiskers = minimum and maximum values. No statistical difference was found between HIV-1^+ patients and HDs for any of the subsets considered.

Figure S2. Consistency of NKp30 isoform profiles in different NK-cell subsets. Relative NKp30 isoform expression levels in peripheral blood mononuclear cells (PBMCs) (n=10), natural killer (NK) cells (n=9), $CD56^{bright}$ (n=5), $CD56^{dim}$ (n=7) and $CD56^{neg}$ (n=3) NK cells from HIV-1^+ patients. Middle bars = median values, box plots = 25% and 75% percentiles, whiskers = minimum and maximum values.

Figure S3. Stability over time of NKp30 isoform profile expression. Relative NKp30 isoform expression levels in HIV-1^+ patients (n=10) at two different time points, mean 5.5 years apart. Middle bars = median values, box plots = 25% and 75% percentiles, whiskers = minimum and maximum values.

Figure S4. NKp30 isoform profile clustering in healthy donors. Total RNA was isolated from the peripheral blood mononuclear cells (PBMCs) of healthy donors (HDs) and quantified by qRT-PCR. Subjects were then clustered in three groups based on the relative expression levels of the three major NKp30 isoforms (ratio cluster).