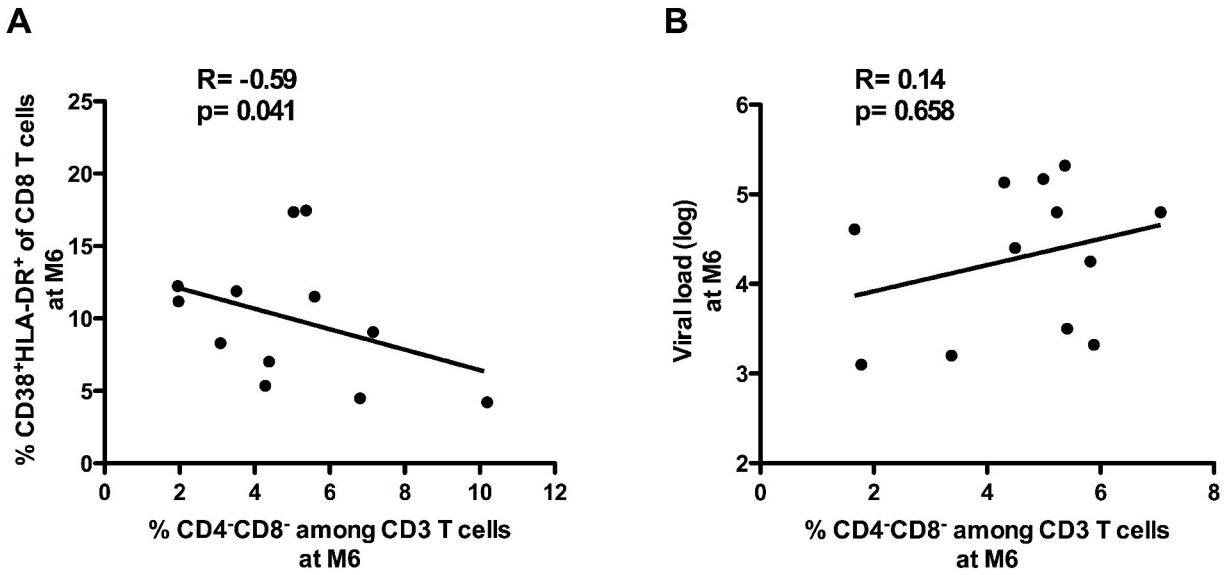
Supplemental Digital Content Figure 1.



Supplemental Digital Content Figure 1. Double negative T cells negatively correlated with CD8 T-cell activation level at month 6. (**A**) Relationship at M6 between the proportions of $CD3^+CD4^-CD8^-$ DN T cells and CD8 T-cell activation, defined as the percentage of

CD8 T cells co-expressing CD38 and HLA-DR measured at M6. (**B**) Relationship at M6 between the proportions of $CD3^+CD4^-CD8^-$ DN T cells and plasma HIV-1 RNA log_{10} copies/mL. Spearman's rank correlation coefficients R and corresponding p-values are indicated on each panel

Supplemental Digital Content Table 1.

Regulatory T cells subsets in untreated patients

Time points	Patients	% natural Treg of CD4 T cells	natural Treg count (cell/mm^3)	$\%CD4^-CD8^-$ of CD3 cells	$CD3^+CD4^-CD8^-$ count (cell/mm^3)
Baseline	n= 25	5.52 (3.44-6.96)	21.1 (11-26.4)	3.92 (2.11-5.45)	50.1 (23.7-74.9)
day 15	n= 13	4.58 (3.92-5.60)	27.3 (23-43.7)	4.67 (2.48-7.13)	61.0 (44.6-117.8)
M1	n= 13	4.82 (4.63-6.29)	33.5 (20.6-42.6)	4.01 (3.04-5.53)	71.1 (46.9-80.7)

M3	n= 13	4.48 (4.31-5.43)	31.3 (18.7-43.6)	5.04 (3.30-6.81)	72.5 (36.5-125.6)
M6	n= 12	4.36 (3.84-5.68)	24.3 (18.9-30.9)	5.11 (3.60-5.71)	70.1 (24.2-103.2)

Supplemental Digital Content Table 2.

Phenotypic characteristics of DN T cells

Markers	**Expression level on $CD3^+CD4^-CD8^-$ cells (%)**
CD25	<1
FoxP3	<1
CD127	51.50 (16.01-83.30)
CTLA-4	5.30 (3.10-12.20)

CD45RA	46.13 (12.63-70.11)
CD38	29.20 (6.51-62.70)
HLA-DR	14.60 (4.42-54.20)
Ki-67	21.60 (5.00-52.40)
Perforin^{high}	34.00 (20.20-54.50)
γδ TCR*	53.00 (43.40-60.40)

Data obtained from n= 25 patients.

Data are expressed as median (IQR).

*n= 15 patients^