PBMCs from HIV-1 Infected Patients

CD4+ T Cell Enrichment

CD4pos T-cells (purity ≥ 97%)

Sorting:
- CD4neg from CD4pos (infected) (uninfected)

Day 0 - Stimulation with:
- a) PHA 24h + rIL2
- b) PHA 24h +/- rIL2 +/- rIL7
- d) Anti-CD3 + anti-CD28
- e) rIL2 +/- rIL7

Time Course Analysis
Days 0-3-5-8-12-15-18
Cell tested by Flow Cytometry for:
- CD4 expression
- Intracytoplasmic p24 levels
- HLA-class I molecules
- Ligands for activating NK Receptors

Purity of CD4neg/p24pos: 70%

Cytolytic Assay with Autologous rIL-2 activated NK Cells

Depletion of CD8+ and γ/δ+ T cells contaminating the culture (Negative Selection)

Purity of CD4pos/p24neg: 98%

Fogli/Mavilio et al. Supplemental Figure 1