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BACKGROUND

- remain unclear.
- mostly unclear.

- time points.
- site and proviral sequencing (MIP-seq).
- 3 participants.



4. Rao, S.S., et al. (2014). A 3D map of the human genome at kilobase resolution reveals principles of chromatin looping. Cell 159, 1665-1680.

Immune Selection of HIV-1 Reservoir Cells After Early ART Initiation

time points. (F) Average genetic distance of intact proviruses in each participant, determined by pair-wise comparisons between all unique intact proviruses in each participant. (G) Number of HLA-associated adapted mutations within intact provirus study participant. subjects. Only clade B sequences were included and clonal sequences were counted once. (A-G) Data from people treated with antiviral therapy for a median of 9 years (ART) and from elite controllers (EC) are shown for reference.

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affects the size, composition, and decay kinetics of the reservoir of HIV-1-infected CD4 T cells. J Virol 88, 10056-10065.

B. Massanella, M., et al. (2021). Long-term effects of early antiretroviral initiation on HIV reservoir markers: a longitudinal analysis of the MERLIN clinical study. Lancet Microbe 2, e198-e209.