**Supplementary File 10:** Comparison of Approaches to Assess Pre-ART Escape in the Latent HIV-1 Reservoir

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|  | Deng et al. ([42](#_ENREF_42)) | Warren et al. |
| # participants (acute:chronic) | 25 (10:15) | 25 (4:21) |
| HIV-1 proteome examined | Gag | Whole proteome |
| Latent reservoir sequencing  | Proviral (n= 25);Replication-competent (n=7) | Replication-competent (n=23) |
| Sequencing method (# participants) | Deep sequencing: Pac Bio and Miseq (25) | Near full-length: Pac Bio (22) | Deep sequencing of epitope: Primer ID (1)A |
| Mean sequencing depth (range) | >1000 | 25 (1-71) | 3,700 |
| Total Epitopes with sequencing data  | 169 | 151 |
| Variant differs from Clade B  | 72 (43%) | 115 (76%) |
| Variant *does not* differ from Clade B  | 97 (57%) | 36 (26%) |
|  |  |  |  Limited to Gag epitopes examined in Deng et. al. B |
| # of epitopes empirically tested  | 36(a subset of total) | 151 | 33  |
| Escape | 34 | 49 | 7 |
| No escape | 2 | 102 | 26 |
| Escape frequency | 94% (34/36) | 32% (49/151) |  21% (7/33) |
| Average within-epitope escape frequencyA | 98% | 27% | 22% |
| Definition of Escape (as measured by ex vivo IFN-γ ELISpot)  | No T cell response, or *partial* decreased | ≥50% decrease in the T cell magnitude |

A Partial HIV gene DNA sequencing for two participants as shown in Supp Figure 4

B Within-epitope escape frequency limited to individuals treated during chronic infection (compared to Deng et al.)