**Supplemental Figure 1**: Inter-assay precision of standard curves. Serial dilutions of pNL4-3 and human DNA were used in the IC-qPCR assay to detect the total HIV-1 DNA and the beta globin DNA, respectively.

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**Supplemental Figure 2**: Intra assay precision of the standard curve generated from serial dilutions of pNL4-3 DNA; each point was tested in 5 replicates.

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**Supplemental Figure 3**: Precision of IC-qPCR on clinical samples. Samples were tested in 5 replicates for intra-run experiments and in 5 consecutive runs to determine the inter-run reproducibility.

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Supplemental Table 1: Sensitivity of IC-qPCR on serial dilutions of pNL4-3 DNA analysed in 20 consecutive runs.

|  |  |  |  |
| --- | --- | --- | --- |
| pNL4-3 copies | Number Tested | Number Detected | Percent Detected |
| 80 | 20 | 20 | 100 |
| 40 | 20 | 20 | 100 |
| 20 | 20 | 20 | 100 |
| 10 | 20 | 19 | 95 |
| 5 | 20 | 13 | 65 |
| 2.5 | 20 | 13 | 65 |