**Table S2. Single nucleotide polymorphisms identified in either a clonal HIV viral stock or plasmid that were sequenced using our drug resistance genotyping method.**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Nt position | Mutation | vRNA plasmid | % frequency | Adj. # of seqs.1 | Total Ns2 | Found in Sanger? |
| 1849 | G->C | vRNA | 5.6 | 606 | 131 | No |
|  |  | Plasmid 1 | 2.7 | 489 | 232 |  |
|  |  | Plasmid 2 | 2.5 | 727 | 379 |  |
| 2181 | A->G | vRNA | 2.9 | 246 | 452 | No |
|  |  | Plasmid 1 | 3.8 | 287 | 292 |  |
|  |  | Plasmid 2 | 13.6 | 346 | 563 |  |
| 2395 | A->T | vRNA | 18.5 | 27 | 693 | No |
|  |  | Plasmid 2 | 16.7 | 54 | 1097 |  |
| 2400 | A->G | vRNA | 12.0 | 25 | 694 | No |
|  |  | Plasmid 1 | 6.1 | 31 | 665 |  |
|  |  | Plasmid 2 | 15.8 | 38 | 1110 |  |
| 2402 | A->G | vRNA | 4.7 | 85 | 634 | No |
|  |  | Plasmid 1 | 5.0 | 119 | 577 |  |
|  |  | Plasmid 2 | 3.0 | 332 | 815 |  |
| 2407 | A->T | vRNA | 16.9 | 166 | 553 | No |
|  |  | Plasmid 1 | 1.2 | 246 | 450 |  |
| 2482 | \_->T | Plasmid 1 | 9.1 | 1538 | 25 | No |
|  |  | Plasmid 2 | 7.5 | 1668 | 16 |  |
| 2750 | A->C | vRNA | 9.0 | 144 | 675 | No |

1 Adj.# of seqs. is the number of sequences representing that nucleotide position after removing low quality sequences.

2 Total Ns refers to the number of sequences containing a poor quality nucleotide at that nucleotide position. These are eliminated in the Adj. # of seqs value.