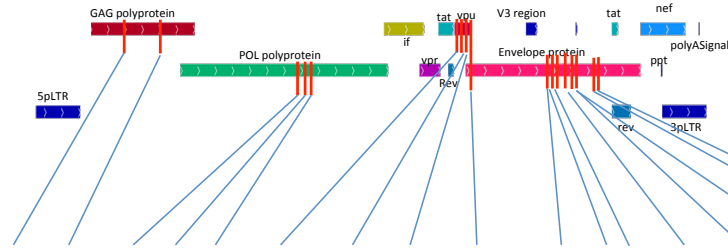
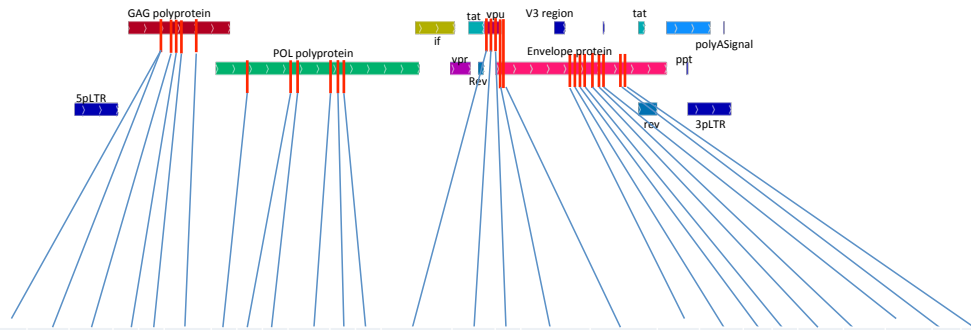


**a**



| POS                         | 1222    | 1852    | 3874    | 3876    | 3877           | 6066        | 6214                         | 6215 | 6231 | 7553    | 7555    | 7556    | 7757    | 7758    | 7759    | 8008 | 8009 |
|-----------------------------|---------|---------|---------|---------|----------------|-------------|------------------------------|------|------|---------|---------|---------|---------|---------|---------|------|------|
| CODON REF/ALT               | CAT/CCT | GGG/GTG | TAT/TAC | GTA/GGT | ATG(start)/CTG | GCA/GAG-GCG | Vpu: GAG/AAG<br>Env: ATG/ATA |      |      | ACA/ATA | AGA/CCA | TTG/TAG | TTG/TTA | GGA/AGA | ACT/TGT |      |      |
| AA Ref/Alt                  | H/P     | G/V     | Y/Y     | V/G     | M/L            | A/E-A       | vpu: E/K<br>Env: M(start)/I  |      |      | T/I     | R/P     | L/STOP  | L/L     | G/R     | T/C     |      |      |
| REF                         | A       | G       | T       | T       | A              | A           | C                            | A    | G    | C       | A       | G       | T       | G       | G       | A    | C    |
| ALT                         | C       | T       | C       | G       | T              | C           | A                            | G    | A    | T       | C       | C       | A       | A       | A       | T    | G    |
| (1) D1 Ctl                  |         |         |         |         |                | 99          |                              |      |      |         |         |         |         |         |         | 84   | 85   |
| (2) D2 Ctl                  |         |         |         |         |                | 99          |                              |      |      | 84      | 84      | 84      |         | 80      | 61      |      |      |
| (3) D3 Ctl                  |         |         |         |         |                | 99          |                              |      |      |         |         |         |         |         |         |      |      |
| (4) D4 Ctl                  | 84      | 60      | 84      | 65      | 99             | 99          | 87                           | 99   | 74   |         |         |         |         |         |         |      |      |
| (5) D1 treated with ABX-464 |         |         |         |         |                | 99          |                              |      |      |         |         |         | 99      |         |         |      |      |
| (6) D2 treated with ABX-464 |         |         |         |         |                | 99          |                              |      |      |         |         |         |         |         |         |      |      |
| (7) D3 treated with ABX-464 |         |         |         |         |                | 99          |                              |      |      |         |         |         |         |         |         |      |      |
| (8) D4 treated with ABX-464 |         |         |         |         |                | 99          |                              | 71   |      |         |         |         |         |         |         |      |      |

**b**[illegible]