

Supplementary Table S2. The number of nearly full-genome HIV sequence from the Los Alamos HIV database for a rev gene analyzed in the present study (data available as of September 15, 2023).

| HIV-1 form | | No. sequences ^a | HIV-1 form | No. sequences | HIV-1 form | No. sequences |
|----------------|---------|----------------------------|------------|---------------|------------|---------------|
| Sub(-sub)types | A1 | 251/245 | 33_01B | 7/7 | 84_A1D | 3/3 |
| | A2 | 4/4 | 34_01B | 3/3 | 85_BC | 11/11 |
| | A3 | 3/3 | 35_AD | 22/22 | 87_cpx | 3/3 |
| | A4 | 3/3 | 36_cpx | 3/3 | 88_BC | 3/3 |
| | A6 | 221/187 | 37_cpx | 4/4 | 89_BF | 9/9 |
| | A7 | 3/3 | 38_BF | 5/5 | 90_BF1 | 6/6 |
| | A8 | 2/2 | 39_BF | 3/3 | 91_cpx | 10/10 |
| | B | 1726/1716 | 40_BF | 4/4 | 92_C2U | 7/7 |
| | C | 876/865 | 41_CD | 3/3 | 93_cpx | 3/3 |
| | D | 160/156 | 42_BF | 17/17 | 94_cpx | 6/6 |
| | F1 | 74/74 | 43_02G | 5/5 | 95_02B | 3/3 |
| | F2 | 14/14 | 44_BF | 3/3 | 96_cpx | 3/3 |
| | G | 91/91 | 45_cpx | 5/5 | 97_01B | 5/5 |
| | H | 10/10 | 46_BF | 8/8 | 98_06B | 1/1 |
| | J | 7/7 | 47_BF | 3/3 | 99_BF | 2/2 |
| | K | 2/2 | 48_01B | 3/3 | 100_01C | 3/3 |
| CRFs | 01_AE | 627/613 | 49_cpx | 4/4 | 101_01B | 3/3 |
| | 02_AG | 205/204 | 50_A1D | 5/5 | 102_0107 | 2/2 |
| | 03_AB | 4/4 | 51_01B | 7/7 | 103_01B | 10/10 |
| | 04_cpx | 5/5 | 52_01B | 3/3 | 104_0107 | 3/3 |
| | 05_DF | 4/4 | 53_01B | 4/4 | 105_0108 | 5/5 |
| | 06_cpx | 23/17 | 54_01B | 3/3 | 106_cpx | 6/6 |
| | 07_BC | 40/40 | 55_01B | 9/9 | 107_01B | 4/4 |
| | 08_BC | 33/33 | 56_cpx | 7/7 | 108_BC | 5/5 |
| | 09_cpx | 5/5 | 57_BC | 7/7 | 109_0107 | 2/2 |
| | 10_CD | 3/3 | 58_01B | 6/6 | 110_BC | 3/3 |
| | 11_cpx | 24/23 | 59_01B | 8/8 | 111_01C | 8/8 |
| | 12_BF | 14/14 | 60_BC | 5/5 | 112_0107 | 4/4 |
| | 13_cpx | 10/10 | 61_BC | 3/3 | 113_01B | 3/3 |
| | 14_BG | 12/12 | 62_BC | 3/3 | 114_01B | 7/7 |
| | 15_01B | 8/8 | 63_02A | 26/26 | 115_01C | 2/2 |
| | 16_A2D | 4/4 | 64_BC | 8/8 | 117_0107 | 3/3 |
| | 17_BF | 7/6 | 65_cpx | 6/5 | 118_BC | 1/1 |
| | 18_cpx | 7/7 | 66_BF1 | 8/8 | 119_0107 | 7/7 |
| | 19_cpx | 5/5 | 67_01B | 2/2 | 120_0107 | 3/3 |
| | 20_BG | 5/5 | 68_01B | 4/4 | 121_0107 | 4/4 |
| | 21_A2D | 3/3 | 69_01B | 7/7 | 122_BF1 | 4/4 |
| | 22_01A1 | 15/15 | 70_BF1 | 3/3 | 123_0107 | 3/3 |
| | 23_BG | 2/2 | 71_BF1 | 14/14 | 124_cpx | 2/2 |
| | 24_BG | 4/4 | 72_BF1 | 6/6 | 125_0107 | 4/4 |
| | 25_cpx | 6/6 | 73_BG | 2/2 | 126_0755 | 4/4 |
| | 26_A5U | 4/4 | 74_01B | 3/3 | 129_56G | 7/7 |
| | 27_cpx | 4/3 | 75_BF1 | 3/3 | 130_A1B | 1/1 |
| | 28_BF | 5/5 | 76_01B | 2/2 | 132_94B | 5/5 |
| | 29_BF | 6/6 | 77_cpx | 4/4 | 133_A6B | 8/8 |
| | 30_0206 | 3/3 | 79_0107 | 4/4 | 134_0107 | 6/6 |
| | 31_BC | 3/3 | 80_0107 | 2/2 | 137_0107 | 9/9 |
| | 32_06A6 | 3/3 | 81_cpx | 2/2 | 140_0107 | 5/5 |
| | | | | | 143_cpx | 3/3 |

^a Number sequences used in consensus calculation/ number nearly full-length HIV-1 genomes (See «Material and Methods»).
HIV-1 subtypes/CRFs with more than available 10 sequences marked in red. CRF, circulating recombinant forms.