**Table S1. Summary of HIV-1 isolates and clones used to test the *in vitro* anti-HIV activity of MZC.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **HIV-1 or SHIV strain/ clone** | **Clade** | **Coreceptor** | **RT mutations** | |
| **NRTI** | **NNRTI** |
| NL4-3\* | B | X4 | - | - |
| 92UG029\* | GAG/ENV-A | X4 | - | - |
| 91US056\* | ENV-B | R5 | - | - |
| 92BR014\* | GAG/ENV-B | R5/X4 | - | - |
| 92HT593\* | ENV-B | R5/X4 | - | - |
| 97ZA009\* | GAG/ENV-C | R5 | - | - |
| 97USNG30\* | ENV-C | R5 | - | - |
| 96USNG31\* | ENV-C | R5/X4/R3 | - | - |
| CMU06\* | ENV-E |  | - | - |
| 92TH020\* | ENV-E | R5 | - | - |
| 93TH051\* | ENV-E | R5/X4 | - | - |
| 35764-2† | RT-B |  | 75I, 77L, 116Y, 151M | - |
| 7295-1† | RT-B |  | 67N, 70R, 215F, 219Q, 184V, 69N, 218E | - |
| 29129-2† | RT-B |  | 41L, 67G, 210W, 215Y, 184V | 103N |
| 56252-1† | RT-B |  | 70R, 77L, 116Y, 151M, 65R, 75I, 115F, 39A, 44D | 103N |
| 4755-5† | RT-B |  | 41L, 67G, 210W, 215Y, 184V, 69D, 39A, 43A, 44D, 118I | - |
| 1617-1† | RT-B |  | 70G, 184V, 69K, 62V, 77L, 116Y, 115M, 75I, 115F | - |
| 7324-4† | RT-B |  | 67N, 70R, 215F, 219E, 39A, 203D | - |
| 7136-1† | RT-B |  | 65R | - |
| 8415-2† | RT-B |  | 184V, 65R | - |
| 7324-1† | RT-B |  | 41L, 67N, 70R, 215F, 219E, 69N, 39A, 203D | - |
| V16770-2‡ | RT-B |  | 210W, 215Y | 227L, 230L |
| V17763-5‡ | RT-B |  | 41L, 215Y | 101P, 103N |
| W1023892-2‡ | RT-B |  | 67N, 69N, 215S, 219Q | 101E, 138K, 181C |
| J18-1 (2)8/30/04§ | B |  | 41L, 44D, 69D, 118I, 210W, 215D | 108I |
| S18-7d7§ | B |  | 70R | 100I, 103N |
| OL-1/4(II)d4§ | B |  | 41L, 67D/N, 118I, 184V/I, 210 L/G/M/R/V/W, 215C/Y, 219E | 101E, 181I |
| C18-15d7§ | B |  | 67N, 69D, 215S/F, 219Q | 101Q, 188L |
| SHIV-RT¶ | RT-B | R5 | - | - |

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† obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH from Dr. Robert Shafer.

‡ provided by Dr. Shafer at Stanford University

§ provided by Dr. Markowitz at ADARC

¶ provided by Disa Böttiger, Medivir AB, Sweden