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Appendix Figure S1: Chemical structures of the initial compounds assayed in Fig. 1A (compounds 1-40).



Appendix Figure S2: Binding affinity of H27 to HIV-1 hexamers. (A) SPR analysis of H27 (500 μ M) binding to HIV-1 CA monomers (48,00RU), hexamers (14,000 RU, and to TRN-1 (14,000 RU) immobilized on a CM-5 sensor chip. (B) Determination of K_D of H27 for immobilized HIV-1 CA hexamers by one cycle kinetic titration at five increasing H27 concentrations (62, 125, 250, 500 and 1,000 μ M).



Appendix Figure S3: Effect of H27 on infection, cell viability and HIV-1 reverse

transcription. (A) All tested HIV-1 were equally sensitive to H27, regardless of the tropism of their envelope. Infectivity in HeLa-R5 cells was assessed by ß-gal chemiluminescent assay at 48 hpi. Results show mean triplicate values \pm SD from 2 independent experiments. For toxicity kinetics in (B) HeLa-R5 cells and (C) peripheral blood lymphocytes (PBL), cells were treated with H27 and compound **31** at concentrations ranging between 0.01 and 100 μ M for 1, 3 or 6 days. Toxicity was assessed by Cell Titer assay. Results are representative of 2 independent experiments. Puromycin (2 μ g/mL) was added to PBL as positive control. (D) Effect of H27 on reverse transcription at 7 hpi. HeLa-R5 cells were pre-treated with compounds at the indicated concentrations, then infected with VSV-G pseudotyped LAI, X4 tropic NL4-3 or R5-tropic BaL virus, at 1 ng p24/1,000 cells for 7 h. Compounds **31** and **40** were included as negative controls since they do not affect HIV-1 infection. Results are the mean of 2 independent experiments \pm SEM normalised for the corresponding DMSO control. The reverse transcription (RT°) efficiency was assessed by qPCR amplification of late reverse transcripts (LRT) and normalised for Actin values.



Appendix Figure S4: SPR measurement of AG3.0 antibody kinetics against monomeric and hexameric capsids. The affinity of AG3.0 antibody against monomeric and hexameric capsids were performed using one cycle kinetic titration by capture of AG3.0 (220 RU) on immobilized mouse anti-Fc and injecting monomeric CA from 10 to 160 nM and hexameric CA from 100 to 1600 nM, as two-fold dilution series. The K_D were calculated using a bivalent fitting model.



| Sample | ka (1/Ms) | kd (1/s) | KD(M) | Chi ² (RU ²) |
|---------|-----------|----------|----------|-------------------------------------|
| CA mono | 1,69E+05 | 6,96E-04 | 4,12E-09 | 0,426 |
| Hexa CA | 5,93E+03 | 3,20E-04 | 5,39E-08 | 0,478 |

Appendix Figure S5: CA localisation following treatment with H27, PF74 or LEN. HeLa-R5 were treated with H27 (3 μ M), PF74 (1 μ M), LEN (9 nM), or DMSO (0.5%), then inoculated with LAI-VSV-G at 1 ng p24/1,000 cells in serum-free medium to promote cell attachment, then incubated in 10% FCS for a further 2 h or 6 h to allow infection to proceed. Samples were fixed, permeabilised and labelled with anti-CA and -Nup214 antibodies, and stained with Hoechst. Images were acquired on a LSM880 Airyscan confocal microscope with a 63 \times objective. The cell periphery was delineated using the line tool from FiJi using cell autofluorescence. Arrows point to intranuclear CA spots. Images are representative of 3 independent experiments.



Appendix Figure S6: Effect of H27 on the subcellular localization of shuttling proteins. (A) HeLa-R5 cells were treated with DMSO or H27 (10 μ M) for 8 h, then fixed and labelled with antibodies recognizing the shuttling proteins TRN-1, CPSF6 and PML. (B) HeLa-R5 cells were pre-treated with DMSO or H27 (10 μ M) for 2 h, then stimulated with Influenza A virus (WSN strain) at 0.1 TCID50/cell. Cells were fixed after 6 h and labelled with antibodies recognizing the innate immune transcription factors IRF-3 and NF- κ B or the viral nucleoprotein (NP). Scale bars = 10 μ m.

| Α | | | В | Unin | fected | A/WSN/33 (| H1N1) |
|------|---|------------|------|---------------------------|--------|---------------|-------|
| | Hoechst | TRN-1 | | Hoechst | IRF-3 | Hoechst | IRF-3 |
| DMSO | | 6 0 0 0 | DMSO | © © © © © © © © ~ © | | | |
| H27 | | | H27 | | | | |
| | Hoechst | CPSF6 | | Hoechst | NF-κB | Hoechst | NF-κB |
| DMSO | | | DMSO | | | 69 68 8 69 | |
| H27 | () () () () () () () () () () () () () (| | H27 | | | | |
| | Hoechst | PML | | Hoechst | NP | Hoechst | NP |
| DMSO | | | DMSO | | | | 0 |
| H27 | | | H27 | | | | |

Appendix Figure S7: Infectivity and toxicity of H27 and analogues 41 - 85. The infectivity and toxicity of H27 and its structural analogues (compounds **41** to **85**) were assessed in HeLa-R5 cells. Infectivity was determined at 48 hpi following infection with HIV-1-VSV-G at 0.1 ng p24/1,000 cells, and toxicity was assessed in separate plates by Cell Titer assay in HeLa-R5 cells. Results show the mean ± SD of 2 independent experiments performed in triplicate.





Appendix Figure S8: Sequence alignments of primate lentiviral CA. Alignment of the capsid of HIV-1M and SIVgsn-99CM71, SIVmon-99CMCML1, SIVagmSAB, SIVmac251, HIV-2_{ROD}, SIVmnd2 and SIVcolCGU1. Dots represent fully conserved residues and deletions are indicated with dashes. The PY-NLS recognised by TRN-1 is highlighted in yellow.

| | 1 | 0 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 |
|---------------------|------------|----------|-----------------------|-----------|--------------|------------|---|------------|---------------------------|----------------------------|
| | | | I | 1 | 1 | I | 1 | I | I | |
| HIV-1M | PIVQNLQGQ | MVHQAISP | RTLNAWVKV | /IEEKAFSE | PEVIPMFSALSE | GATPQDLNT | ILNTVGGHQAA | MQMLKETINI | EEAAEWDRL <mark>HI</mark> | <mark>PVHAGPIAPGQ</mark> 1 |
| SIVgsn | R.A | FQLNS | .V.KTSI | VK.A. | TVAL.QT. | .CI.Y.M.Q | ADY.G. | V.II.DV | .QL | .QP.A.QPVAG1 |
| SIVmon | .V.RTQG.G | FQVE. | .L.KTQ. | K.A. | VAL.Q | .MI.Y.I.QI | LAI.DG. | L.II.DV | NLV. | .QPPQ.QPNAG1 |
| SIVagmSAB | IVSVNN. | WPL | ••••• | KA | AVA. | I.Y.I.Q | AEG. | L.IV.DV | DLR. | .PPQQ.P.Q.VI |
| SIVmac251 | QIG.N | YLPL | I | K.GA | AV.G.Q | .CY.I.Q | CD | | DLQ. | .QPQ-Q1 |
| HIVZROD | HVG.N | YT.IPL | · · · · · · · · · · · | .vK.GA | 4V.G.Q | .CY.I.Q | CD | | vQ. | .IPGLPAI |
| SIVmnd2 | I.VINQT | PG | | СК | IVI | .CI.YG | AI.DG. | L.IV.DV | DLR. | .PVGMPQ.VI |
| SIVCOL | TGP | PPL | ····G····C | V.G-GIA. | .SLAL.Y.1 | IAY.M.L | ILDTGF | P.VDE | (K.E.Y.L | |
| | 1 | 10 | 120 | 130 | 140 | 150 | 160 | 170 | 180 | 190 |
| | | 1 | 1 | I. | · · · | I. | l l | 1 | 1 | 1 |
| HIV-1M | GSDIAGTTS | TLQEQIGW | MTN-NPPIF | VGEIYKRW | VIILGLNKIVRM | YSPVSILDI | RQGPKEPFRDY | VDRFYKTLRA | AEQATQEVKNI | WMTETLLVQNA |
| SIVgsn | .AV | .PNE. | I.RQ.N.VN | I.ADRK. | QRC.K. | .NNG.H | KKE. | F.C | D.A | QL |
| SIVmon | .AVS. | .P.QE. | I.RA.N.VÇ | O.SDRK. | VQRC.K. | .NH | KK | C | TD.A | Q |
| SIVagmSAB | | .IE. | T.RAQNAVN | ING. | Q.C.K. | .NN | KK | A | TDPA | QSI |
| SIVmac251 | | SVDQ. | .YRQQN | NR | QQ.C | .N.TNVI | KQS. | s | TDAA | QI |
| HIV2 _{ROD} | | .VEQ. | .FRPQN.V. | NR | QIQ.C | .N.TN | <qs.< td=""><td>s</td><td> TDPA</td><td>Q</td></qs.<> | s | TDPA | Q |
| SIVmnd2 | .N | SIEE. | T.RQQDQVN | 1GQ. | vQ.C.S. | .NN | KK | A | RTDPQT | QI |
| SIVcol | AT.N | SVAVA. | GEP | IANRG. | VQS.E.VIQI | AR.S.V | sD.Ks. | SA | P.AG.I.A | ANNI.H. |
| | 21 | 0 | 220 | 230 | | | | | | |
| | 1 | 0 | 1 | 1 | | | | | | |
| HIV-1M | TILKALGPAA | TLEEMMTA | COGVGGPGH | IKARV | | | | | | |
| SIVqsn | LMPG | SL | | .S.L | | | | | | |
| SIVmon | LMPG | SD.LQ. | M. | .S.I | | | | | | |
| SIVagmSAB | .VGMNP | L | IAQ. | L | | | | | | |
| SIVmac251 | LVGVNP | L | ç | 2L | | | | | | |
| HIV2 _{ROD} | LVGMNP | L | ç | 2L | | | | | | |
| SIVmnd2 | ATGMNP | LL. | KY | QM | | | | | | |
| SIVcol | RIG.QK-P | SD.LA. | D. | K. | | | | | | |

Appendix Figure S9: Listing of CA residues from two adjacent monomers within a hexamer that contact H27. Residues either from (A) HIV-1 or from (B) SIVmac in contact with H27 (ranked by contact frequency during MD simulations showing only high frequency contact (> 10%)). Sustained binding observed with residues belonging to the PR loop are highlighted in yellow and common residues between HIV-1 and SIVmac CA are underlined in grey. (C) PY-NLS that is recognized by TRN-1, and corresponding residues for SIVmac251. Residues implicated in sustained contact with H27 are highlighted in yellow.

Α

В

| Ligand | ResName | Monomer | ResNumber | Contact (%) |
|--------|---------|---------|-----------|-------------|
| H27 | PRO | А | 125 | 59.3 |
| H27 | PRO | А | 122 | 57.3 |
| H27 | MET | А | 96 | 52 |
| H27 | PRO | А | 123 | 51.1 |
| H27 | GLN | В | 112 | 46.4 |
| H27 | GLN | А | 4 | 45.8 |
| H27 | THR | В | 110 | 44.6 |
| H27 | ILE | В | 115 | 44.3 |
| H27 | ILE | А | 124 | 41.9 |
| H27 | GLY | В | 116 | 40.6 |
| H27 | ILE | А | 129 | 39.7 |
| H27 | TRP | А | 80 | 39.4 |
| H27 | PRO | В | 93 | 37.3 |
| H27 | ARG | Α | 132 | 36.1 |
| H27 | THR | В | 119 | 36 |
| H27 | GLY | В | 94 | 35.9 |
| H27 | GLN | В | 95 | 34.8 |
| H27 | LEU | А | 6 | 34.1 |
| H27 | HIS | В | 12 | 33.2 |
| H27 | GLU | В | 113 | 31.7 |
| H27 | HIS | А | 84 | 30.4 |
| H27 | VAL | В | 11 | 30.1 |
| H27 | MET | А | 10 | 29.6 |
| H27 | HIS | А | 120 | 29.1 |
| H27 | PRO | А | 99 | 28.5 |
| H27 | ASN | А | 5 | 28 |
| H27 | HIS | В | 120 | 27.9 |
| H27 | MET | В | 10 | 25.2 |
| H27 | LEU | А | 83 | 24.7 |
| H27 | TRP | В | 117 | 24.2 |
| H27 | ALA | В | 92 | 23.3 |
| H27 | GLN | В | 9 | 20.8 |
| H27 | GLU | А | 98 | 20.5 |
| H27 | GLU | А | 128 | 19.6 |
| H27 | MET | А | 118 | 18.7 |
| H27 | GLU | А | 79 | 16.7 |
| H27 | ILE | В | 124 | 16.4 |
| H27 | TRP | А | 133 | 15.7 |
| H27 | ASN | А | 121 | 15.4 |
| H27 | ARG | В | 97 | 13.7 |
| H27 | GLN | А | 9 | 13 |
| H27 | ILE | А | 2 | 10 |

| Ligand | ResName | Monomer | ResNumber | Contact (%) |
|--------|---------|---------|-----------|-------------|
| H27 | VAL | В | 10 | 96.4 |
| H27 | TYR | А | 9 | 92.7 |
| H27 | ASP | В | 109 | 92.2 |
| H27 | TYR | А | 116 | 88.7 |
| H27 | GLN | А | 118 | 88.4 |
| H27 | HIS | В | 11 | 84.9 |
| H27 | VAL | В | 108 | 84.7 |
| H27 | PRO | А | 121 | 81.1 |
| H27 | ILE | В | 112 | 78.9 |
| H27 | ARG | А | 117 | 67.6 |
| H27 | ILE | В | 5 | 62.4 |
| H27 | VAL | А | 2 | 60.2 |
| H27 | GLN | А | 113 | 52 |
| H27 | GLN | А | 4 | 51.3 |
| H27 | ILE | А | 112 | 51.1 |
| H27 | PRO | А | 123 | 43.1 |
| H27 | TYR | В | 9 | 42.4 |
| H27 | GLN | В | 3 | 35.8 |
| H27 | PRO | В | 13 | 34.4 |
| H27 | HIS | А | 11 | 33.6 |
| H27 | GLY | А | 7 | 31.1 |
| H27 | TYR | В | 49 | 30.9 |
| H27 | LEU | В | 12 | 30 |
| H27 | ASN | В | 8 | 29.3 |
| H27 | VAL | А | 10 | 28.2 |
| H27 | GLN | В | 113 | 24.7 |
| H27 | MET | А | 115 | 23.6 |
| H27 | ASN | A | 8 | 21.6 |
| H27 | VAL | В | 2 | 17.8 |
| H27 | GLN | А | 3 | 14.9 |
| H27 | GLY | В | 6 | 13.8 |
| H27 | ASN | А | 120 | 10.7 |
| H27 | ASN | Δ | 126 | 10.2 |

С

84-HPVHAGPIAPGQMREPR-100 HIV-1 84 85 86 87 88 89 90 9<mark>1 92 93 94 95 96 97 98 99 100</mark>

83-HPQPA-PQ-QGQLREPS-97 SIVmac 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97

Appendix Figure S10: Titration on HeLa-R5 cells of PBMC supernatants infected with patient plasma. Infectivity was assessed on HeLa-R5 cells at 48 hpi using undiluted supernatants isolated at the indicated days after PBMC inoculation. β -galactosidase activity is provided as relative light units (RLU) per s. Infectious virus was successfully isolated from the plasma of 7 out of 15 patients. The first supernatant samples yielding an infectivity that was above 1000 RLU/s were selected for experiments shown in Fig. 6A to avoid the selection of mutations at later time points. The HIV-1 subtypes were (A) Subtype A, (B) Subtype B, (C) Subtype C, (D) Subtype D, (E) Subtype F, (F) Subtype G, (G) Circulating Recombinant Form CRF01_AE and (H) CRF02_AG.



Appendix Figure S11: In vivo evaluation of H27 pharmacokinetics and toxicity. (A, B) Pharmacokinetic evaluation of H27 in whole blood after single administration. Male C57BL/6 mice were injected (A) intravenously (i.v.) or (B) intraperitoneally (i.p.) with H27 at 1 or 3 mg/kg, respectively, with 3 mice per group. Serial blood sampling in the tail was performed at 5, 15, 30 min, then 1, 2, 4, 8 and 12 hours for each mouse following i.v. injection or 15, 30 min, then 1, 2, 4, 8 h following i.p. injection. The $t_{1/2}$ of H27 was 1.6 h after i.v. injection and 5.3 h by i.p. route. Results show the mean values from n = 3 animals at each time point \pm SD. (C, D) Body weight and clinical scores following administration of H27. Female humanized mice were treated every 3-4 days from D37 to D44 and every 2 days from D48 to D69 with the vehicle (30% Kolliphor/ 70% H2O) or with H27 treatment at 3 mg/kg by intraperitoneal injection. (C) Body weight change from D7 to D69. Body weight change is calculated in reference to the body weight measured at D0. (Left) Average body weight change expressed as mean + SEM in % from D7 to D69. A two-way repeated measures ANOVA with Geisser-Greenhouse and Sidak's multiple comparisons tests was used. No statistical difference was observed. (Centre) Individual body weight change of the 6 vehicle treated mice from D7 to D69. (Right) Individual body weight change of the 6 H27 treated mice from D7 to D69. (D) Clinical Scores from D7 to D69. (Left) Average clinical score is expressed as mean + SEM from D0 to D69. A two-way repeated measures ANOVA with Geisser- Greenhouse and Sidak's multiple comparisons tests was used. ** p = 0.0088. (Centre) Individual clinical score of the 6 vehicle treated mice from D0 to D69. (Right) Individual clinical score of the 6 H27 treated mice from D0 to D69.



Appendix Table S1: Exact p values for all figures.

| Fig. 2G | | | | | |
|------------------------|---------------|---------|--|--|--|
| Ordinary one-way ANOVA | Exact p value | Summary | | | |
| H27 | 0.3369 | ns | | | |
| PF74 | 0.0002 | *** | | | |
| LEN | <0.0001 | **** | | | |

| Fig. 5D | | | | | |
|---------------------|------------------|---------|--|--|--|
| | CA::TRN-1 | | | | |
| Kruskal-Wallis test | Adjusted p value | Summary | | | |
| DMSO vs. ni | 0.0016 | ** | | | |
| DMSO vs. H27 | 0.0322 | * | | | |
| DMSO vs. PF74 | 0.5406 | ns | | | |
| DMSO vs. LEN | >0.9999 | ns | | | |
| | CA::CPSF6 | | | | |
| Kruskal-Wallis test | Adjusted p value | Summary | | | |
| DMSO vs. ni | 0.0004 | *** | | | |
| DMSO vs. H27 | >0.9999 | ns | | | |
| DMSO vs. PF74 | >0.9999 | ns | | | |
| DMSO vs. LEN | 0.0155 | * | | | |

| Fig. 6A | | | | |
|------------------|------------------|---------|--|--|
| | YU2 | | | |
| RM one-way ANOVA | Adjusted P value | Summary | | |
| DMSO vs. 5 µM | <0.0001 | **** | | |
| DMSO vs. 10 µM | <0.0001 | **** | | |
| DMSO vs. 50 µM | <0.0001 | **** | | |
| DMSO vs. NVP | <0.0001 | **** | | |
| DMSO vs. 3TC | <0.0001 | **** | | |
| | Patient 3 | | | |
| RM one-way ANOVA | Adjusted P value | Summary | | |
| DMSO vs. 5 µM | <0.0001 | **** | | |
| DMSO vs. 10 µM | <0.0001 | **** | | |
| DMSO vs. 50 µM | <0.0001 | **** | | |
| DMSO vs. NVP | <0.0001 | **** | | |
| DMSO vs. 3TC | <0.0001 | **** | | |
| Patient 4 | | | | |
| RM one-way ANOVA | Adjusted P value | Summary | | |
| DMSO vs. 5 µM | 0.0160 | * | | |
| DMSO vs. 10 µM | 0.0007 | *** | | |
| DMSO vs. 50 µM | <0.0001 | **** | | |
| DMSO vs. NVP | <0.0001 | **** | | |
| DMSO vs. 3TC | <0.0001 | **** | | |
| | Patient 8 | | | |
| RM one-way ANOVA | Adjusted P value | Summary | | |
| DMSO vs. 5 µM | 0.2085 | ns | | |
| DMSO vs. 10 µM | 0.0086 | ** | | |
| DMSO vs. 50 µM | <0.0001 | **** | | |
| DMSO vs. NVP | <0.0001 | **** | | |
| DMSO vs. 3TC | <0.0001 | **** | | |
| Patient 10 | | | | |
| RM one-way ANOVA | Adjusted P value | Summary | | |
| DMSO vs. 5 µM | 0.0223 | * | | |
| DMSO vs. 10 µM | <0.0001 | **** | | |
| | | | | |

| DMSO vs. 50 µM | <0.0001 | **** |
|------------------|------------------|---------|
| DMSO vs. NVP | <0.0001 | **** |
| DMSO vs. 3TC | <0.0001 | **** |
| | Patient 15 | |
| RM one-way ANOVA | Adjusted P value | Summary |
| DMSO vs. 5 µM | <0.0001 | **** |
| DMSO vs. 10 µM | <0.0001 | **** |
| DMSO vs. 50 µM | <0.0001 | **** |
| DMSO vs. NVP | <0.0001 | **** |
| DMSO vs. 3TC | <0.0001 | **** |
| | Patient 17 | |
| RM one-way ANOVA | Adjusted P value | Summary |
| DMSO vs. 5 µM | 0.0001 | *** |
| DMSO vs. 10 µM | <0.0001 | **** |
| DMSO vs. 50 µM | <0.0001 | **** |
| DMSO vs. NVP | <0.0001 | **** |
| DMSO vs. 3TC | <0.0001 | **** |
| | Patient 18 | |
| RM one-way ANOVA | Adjusted P value | Summary |
| DMSO vs. 5 µM | <0.0001 | **** |
| DMSO vs. 10 µM | <0.0001 | **** |
| DMSO vs. 50 µM | <0.0001 | **** |
| DMSO vs. NVP | <0.0001 | **** |
| DMSO vs. 3TC | <0.0001 | **** |

| Fig. 6B | | | | |
|------------------|-------------------------|---------|--|--|
| | NL4-3 | | | |
| RM one-way ANOVA | Adjusted P value | Summary | | |
| DMSO vs. 5 µM | 0.0994 | ns | | |
| DMSO vs. 10 µM | <0.0001 | **** | | |
| DMSO vs. 50 µM | <0.0001 | **** | | |
| DMSO vs. 3TC | <0.0001 | **** | | |
| DMSO vs. NVP | <0.0001 | **** | | |
| | NL4-3 R263K | | | |
| RM one-way ANOVA | Adjusted P value | Summary | | |
| DMSO vs. 5 µM | 0.0095 | ** | | |
| DMSO vs. 10 µM | 0.0007 | *** | | |
| DMSO vs. 50 µM | 0.0002 | *** | | |
| DMSO vs. DTG | 0.1888 | ns | | |
| DMSO vs. NVP | 0.0002 | *** | | |
| | NL4-3 G140S-Q148H | | | |
| RM one-way ANOVA | Adjusted P value | Summary | | |
| DMSO vs. 5 µM | 0.0030 | ** | | |
| DMSO vs. 10 µM | 0.0003 | *** | | |
| DMSO vs. 50 µM | 0.0002 | *** | | |
| DMSO vs. RAL | 0.4917 | ns | | |
| DMSO vs. NVP | 0.0001 | *** | | |
| | NL4-3 N155H-K211R-E212T | | | |
| RM one-way ANOVA | Adjusted P value | Summary | | |
| DMSO vs. 5 µM | 0.0010 | *** | | |
| DMSO vs. 10 µM | 0.0002 | *** | | |
| DMSO vs. 50 µM | 0.0001 | *** | | |
| DMSO vs. RAL | 0.9893 | ns | | |
| DMSO vs. NVP | 0.0001 | *** | | |
| NL4-3 I50V | | | | |
| RM one-way ANOVA | Adjusted P value | Summary | | |
| DMSO vs. 5 µM | 0.3743 | ns | | |
| DMSO vs. 10 µM | 0.0133 | * | | |
| | | | | |

| DMSO vs. 50 µM | 0.0013 | ** |
|------------------|----------------------|---------|
| DMSO vs. DRV | 0.9266 | ns |
| DMSO vs. NVP | 0.0016 | ** |
| | NL4-3 V32I-L33F-I47V | |
| RM one-way ANOVA | Adjusted P value | Summary |
| DMSO vs. 5 µM | 0.0003 | *** |
| DMSO vs. 10 µM | <0.0001 | **** |
| DMSO vs. 50 µM | 0.0001 | *** |
| DMSO vs. DRV | 0.3642 | ns |
| DMSO vs. NVP | 0.0001 | *** |
| | NL4-3 V106M | |
| RM one-way ANOVA | Adjusted P value | Summary |
| DMSO vs. 5 µM | 0.0414 | * |
| DMSO vs. 10 µM | 0.0072 | ** |
| DMSO vs. 50 µM | 0.0008 | *** |
| DMSO vs. NVP | 0.9028 | ns |
| DMSO vs. 3TC | 0.0058 | ** |
| | NL4-3 M184V | |
| RM one-way ANOVA | Adjusted P value | Summary |
| DMSO vs. 5 µM | 0.0011 | ** |
| DMSO vs. 10 µM | 0.0009 | *** |
| DMSO vs. 50 µM | 0.0007 | *** |
| DMSO vs. 3TC | 0.1074 | ns |
| DMSO vs. NVP | 0.0009 | *** |

| Fig. EV2A | | |
|---------------|---------------|---------|
| Wilcoxon test | Exact p value | Summary |
| Input 2h | 0.7500 | ns |
| Cores 2h | 0.2500 | ns |
| Friedman test | Exact p value | Summary |
| Input 16h | 0.9444 | ns |
| Cores 16h | 0.0046 | ** |

| Fig. EV2B | | | |
|------------------------|------------------|---------|--|
| Ordinary one-way ANOVA | Adjusted P Value | Summary | |
| DMSO vs. H27 | 0.0028 | ** | |
| DMSO vs. 31 | 0.9415 | ns | |