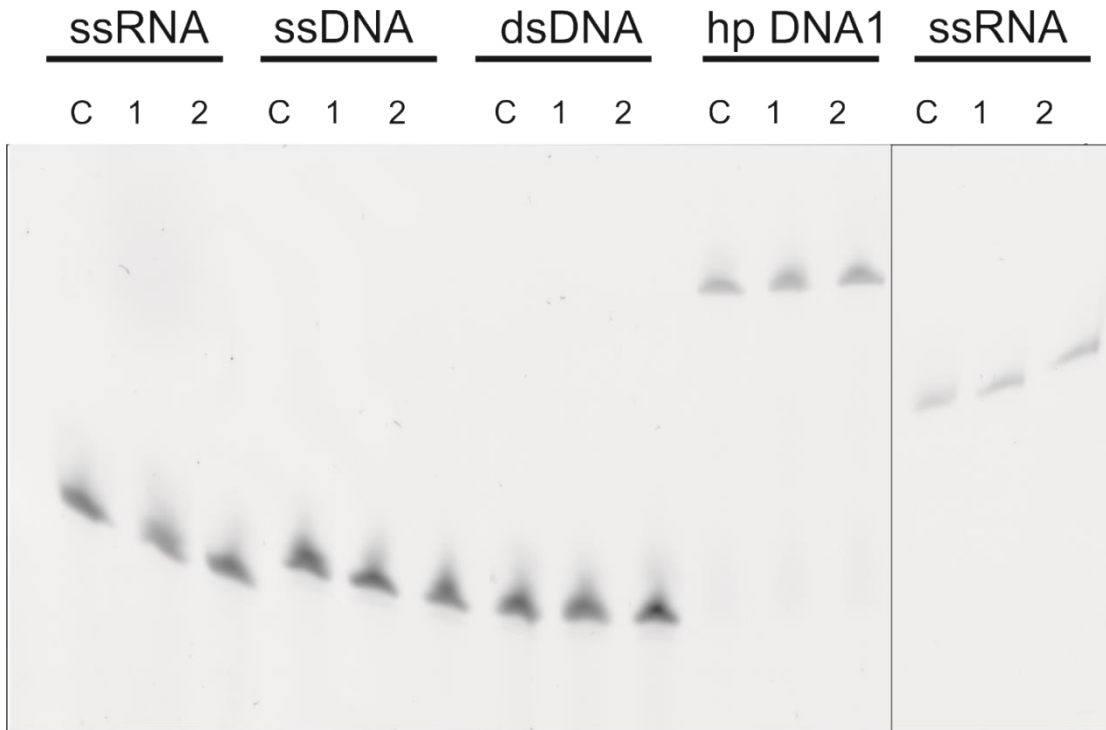


Supplementary Material



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14 **Figure S1.**

15 Cleavage assay of SIRV1_Gp1 and SIRV2_Gp1. Fluorescence imaging of nucleic acid products

16 after denaturing gel electrophoresis of reactions of both proteins with different types of

17 fluorescently labeled nucleic acids. C, loading control without protein. 1, SIRV1_Gp1. 2,

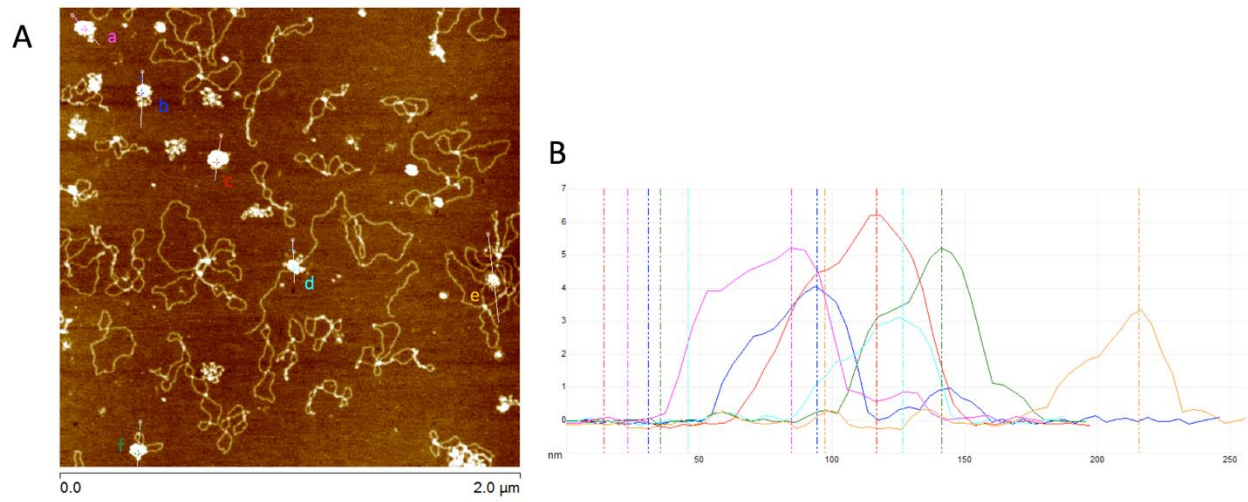
18 SIRV2_Gp1. hpDNA, hairpin DNA.

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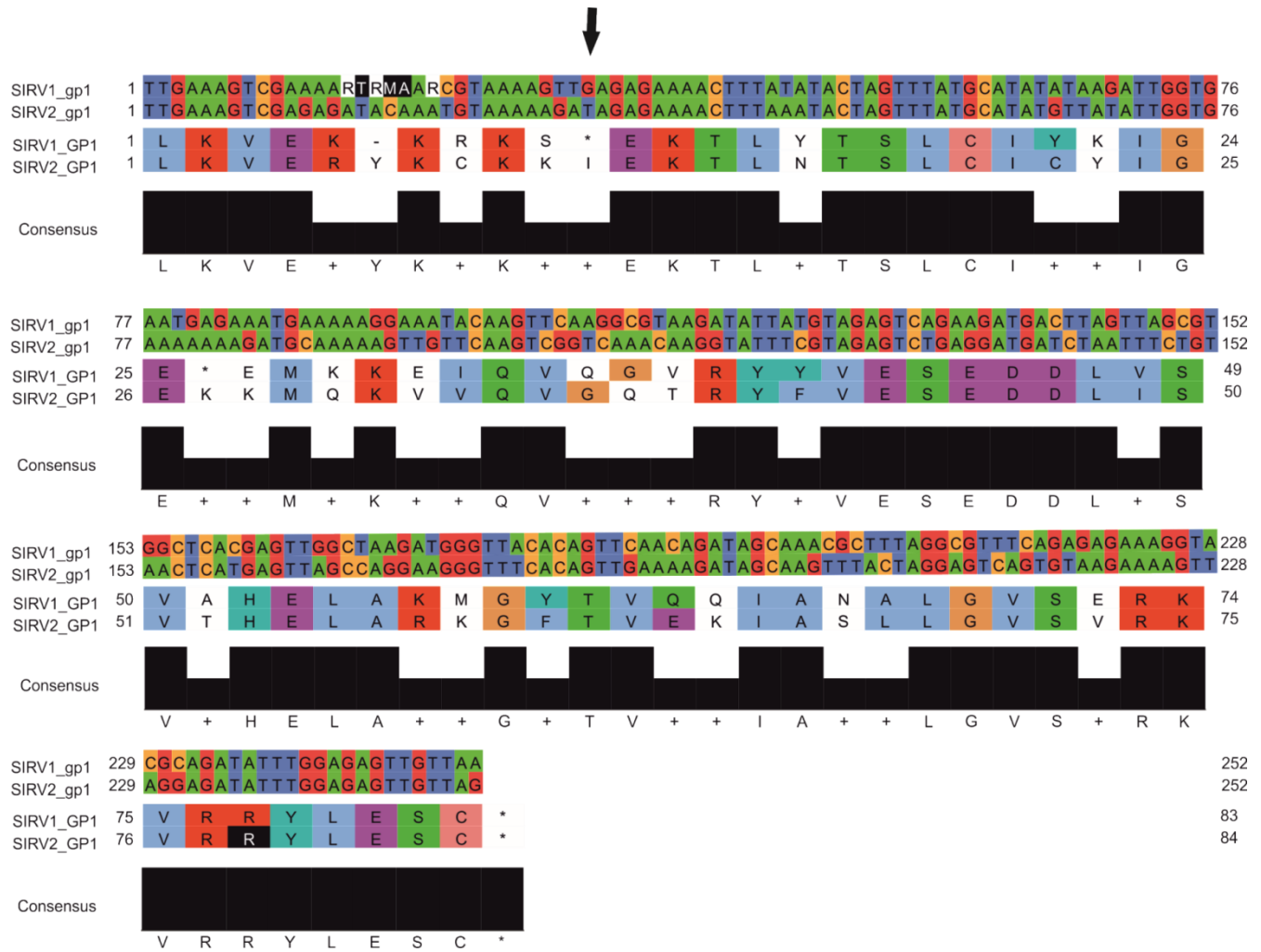
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24 **Figure S2.**

25 Cross-section analysis of a selection of large complexes (Figure 2A). (A) Height image with
26 indicated complexes (a-f). (B) Cross-sections of the indicated complexes.

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30 **Figure S3.**

31 Alignment of SIRV1_gp1 and SIRV2_gp1 on the base pair and amino acid level. Truncation of

32 SIRV1_gp1 in comparison with SIRV2_gp1 indicated with arrow.

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37 Table S1. Sequences of oligonucleotides used in this work

Number/name	Sequence
1	ATGAAAGTCGAGAGATACAAATG
2	ACAACCTCTCCAAATATCTCCTAAC
3	TGAGTTTTTTTCATTTTTTGC GTAAATTTC
4	GAAATTTACGCAAAAAATGAAAAAACTCA
5	TGAGTTTTTTTCATTTTTTGC GTAAATTTGAAATTTACGCAAAAAATG AAAAAACTCA
6	AGTAAGTTTTTCTTTGGTTTTTTCTCATT A
7	GCGTTACAATGGAAACTATTCTTGGCAGTTGCATCCAACG
8	CGTTGGATGCAACTGCCAAGAATAGTGTCAGTTCCAGACG
9	CGTCTGGA ACTGACACTATTCTTGGCGAATGGTCGTAAGC
10	GCTTACGACCATTCCCAAGAATAGTTTCCATTGTAACGC
11	AAATACTAGTTTATGCATATGTTATATTGGTGAAAAAAGATGAAAA AGGAAATACAAGTTC
12	ACAACCTCTCCAAATATCTGCGTACCTTTCTCTCTGAAAC

13	TTGAAAGTCGAGAGATACAAATGTAAAAAGATAGAGAAAAC TTAA ATACTAGTTTATGCATATG
14	GGAGATACCCTTATGAAAGTCGAGAG
15	CTCTCGACTTTCATAAGGGTATCTCC
16	CACCATGAAAAAGGAAATACAAGTTCAAGG
17	TTAACAACTCTCCAAATATCTG
18	CACCATGC AAAAAGTTGTTCAAGTCGGTC
19	CTAACAACTCTCCAAATATCTCCTA
20	CACCATGAAAGTCGAGAGATACAAATG
21	TTACTCAGACTCTACGAAATAC
22	CTCAGACTCTACGAAATACC
ep399	TAGCTAACTAGCTAGATAGTAG
ep400	ACATTTGTATCTCTCGACTTTC
ep092	ATACCCTGTCTGTTCTCTTC
ep093	CAATACTCATTTTAATCTCGCC
LL139	TCCACACCGTGGTTCACTAA
LL140	GATGGGAGTCTTGGACTCTAGG

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