

Supplementary Figure S1.

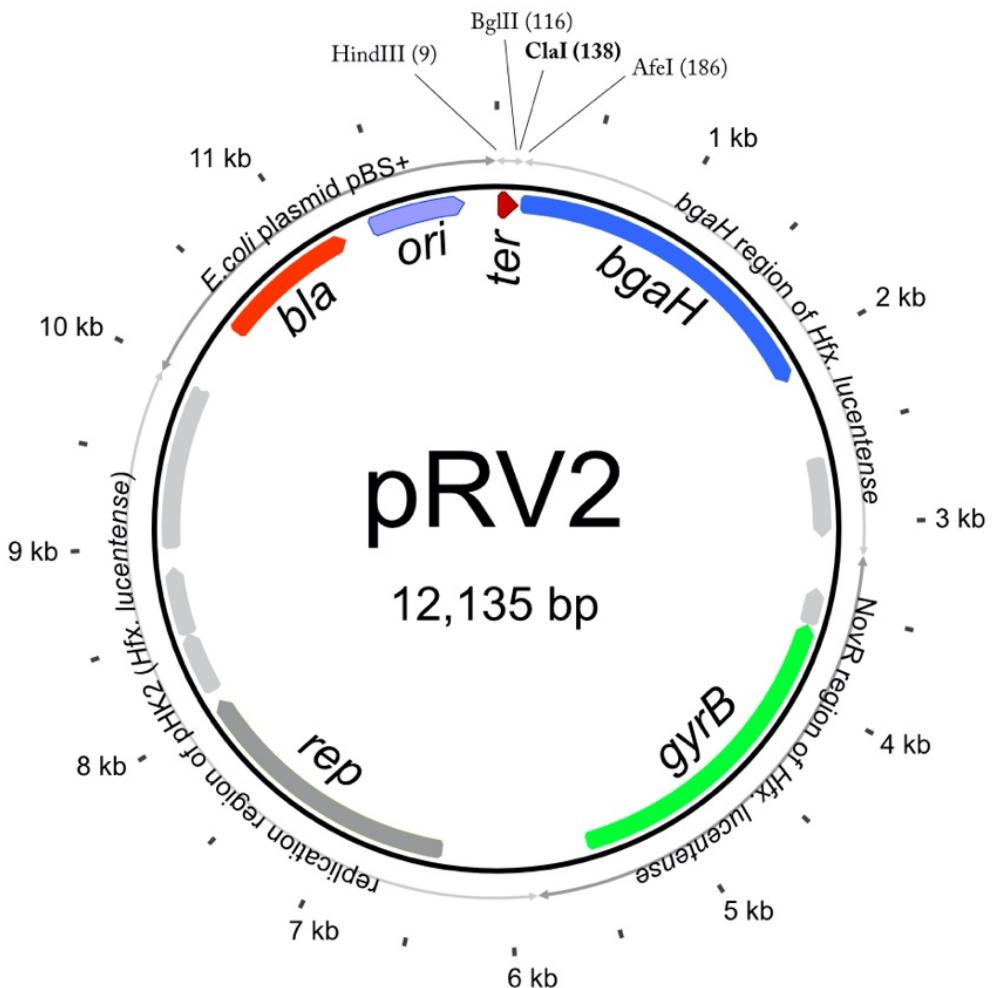


Figure S1. Map of reporter plasmid pRV2 (see Methods for construction details). The circular plasmid is 12,135 bp in length (accession MZ936313), and a scale is given around the outer perimeter (in kb). The next inner level shows the sources of sections of the plasmid, which are indicated by labelled, arrow-headed, grey arcs. Genes are depicted on the innermost level, and are represented as arrows with the most significant being labelled; *bla*, beta-lactamase; *ori*, *E.coli* replication origin; *ter*, L11e transcription termination sequence from *Hfx. volcanii*; *bgaH*, beta-galactosidase from *Hfx. lucentense*; *gyrB*, DNA gyraseB (NovR) from a *Hfx. lucentense* novobiocin resistant mutant; and *rep*, replicase from plasmid pHK2 of *Hfx. lucentense*. The *Clal* site at the start codon of *bgaH* is used for insertion of sequences to be tested for promoter activity.

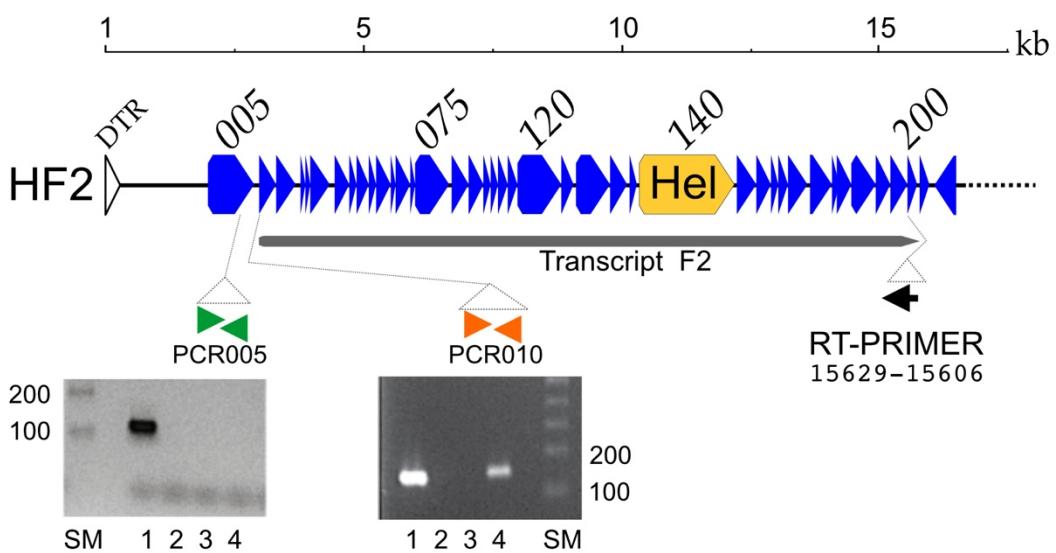


Figure S2. Example of RT-PCR results. At the top is a gene map of the left end of the HF2 genome with a scale bar (kb) above. DTR, direct terminal repeat. Numbers 005 - 200 refer to locus tag numbers of the CDS (blue arrows). Below this is a grey arrow representing transcript (F2) that spans HrrHF2_005 to HrrHF2_200 and was determined in the present study. A cDNA copy of this transcript was first synthesised using the primer 15629-15606 which is complementary to a sequence within the CDS of HrrHF2_200. The length of this cDNA was then determined by PCRs targeting regions that progressively moved towards the 3' end of the cDNA. In this example, only the last two sets of PCR primers are presented (orange arrows for HrrHF2_010 and green arrows for HrrHF2_005), and the results of the PCRs using these primer pairs are shown directly below. PCR products were separated by agarose gel electrophoresis with lane loadings as follows: 1, positive control (HF2 DNA as template); 2, negative control (RNA template); 3, negative control (uninfected cell RNA, mock reverse transcribed), and 4, the cDNA preparation being tested. The same DNA size marker (SM; 1 kb ladder) was used for both gels, with the 100bp and 200bp bands indicated at the side. PCR010 was positive for the presence of cDNA, while PCR005 was negative. This method has previously been described for analysing the transcripts of halovirus SH1 [1].

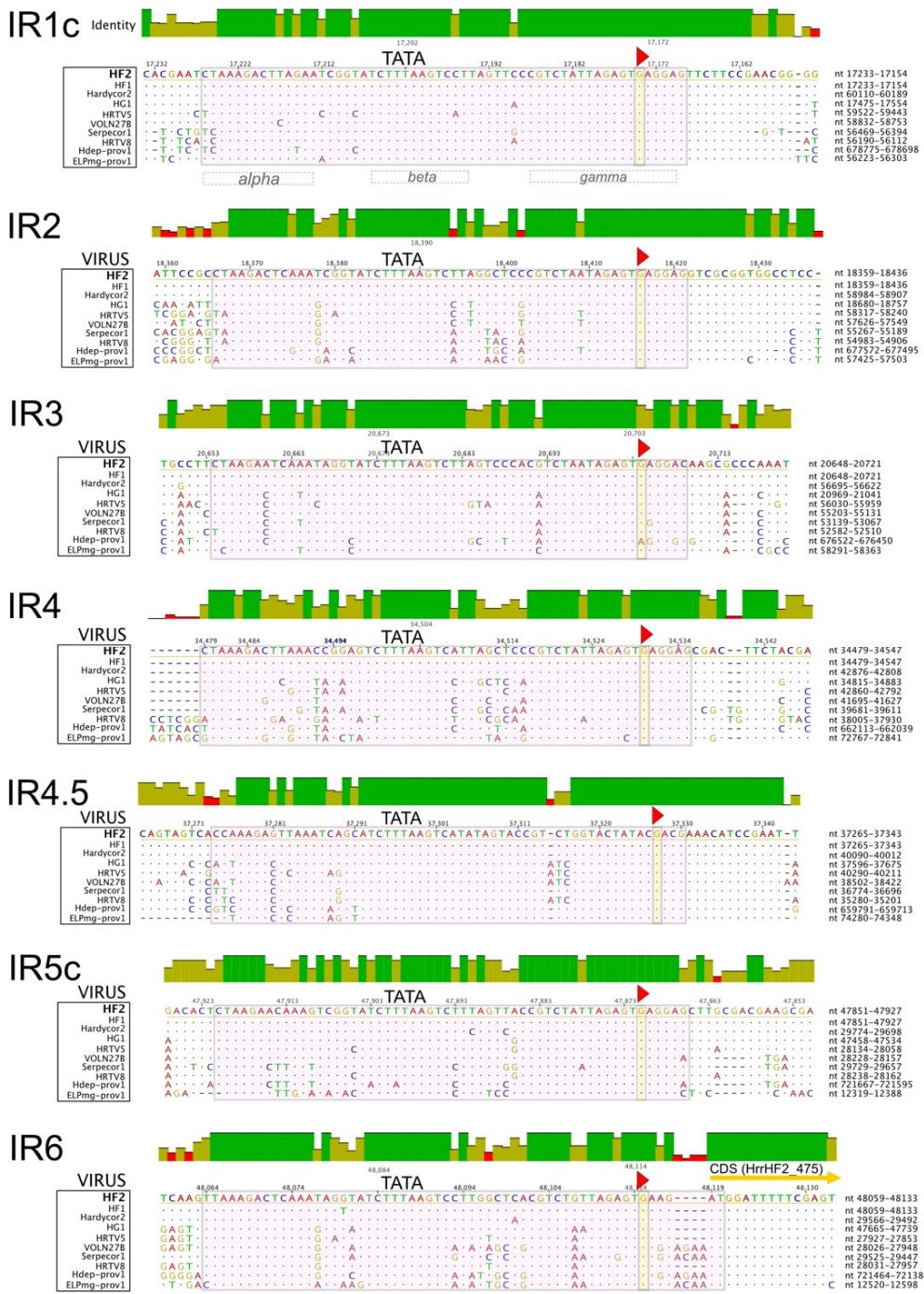
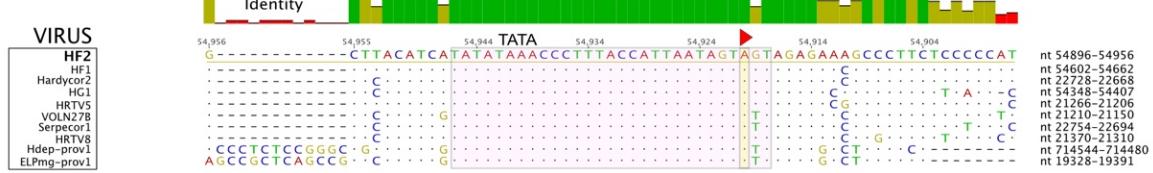


Figure S3. Conservation of class I Intergenic Repeat regions within members of *Haloferacalesvirus*
 a. a The IR number of each alignment, and the virus genomes represented on each row of the alignment are shown at the left of each panel. HF2 is the reference sequence and identical bases in the alignment are indicated by dots. Conserved motifs (*alpha*, *beta* and *gamma*) of the IR are indicated under the first panel (IR1c). Pink shading indicates extent of the IR. The TATA box region is indicated above the HF2 sequence, as is the TSS (red triangular arrow). Above each panel is a graph of base similarity, with dark green indicating complete identity and red indicating the weakest similarity. Base coordinates are given at the right side of each alignment and correspond to the GenBank accessions for each virus genome, as shown in Figure 5 of the main text. For the two proviruses, the base coordinates are for the contigs or scaffolds that they are found on; contig NZ_VCNM01000001.1 for Hdep-prov1, and scaffold JGI12451J12833_1000001 for ELPmg-prov1 (available from the JGI IMG/M website at <https://img.jgi.doe.gov>).

IR11c



IR12c

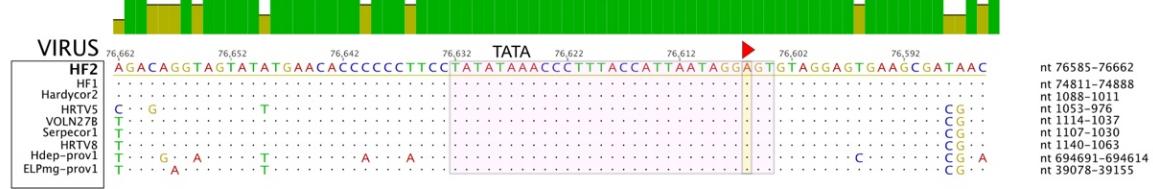


Figure S4. Conservation of class II Intergenic Repeat regions within members of *Haloferacalesvirus* ^a. ^a See legend for Figure S3.

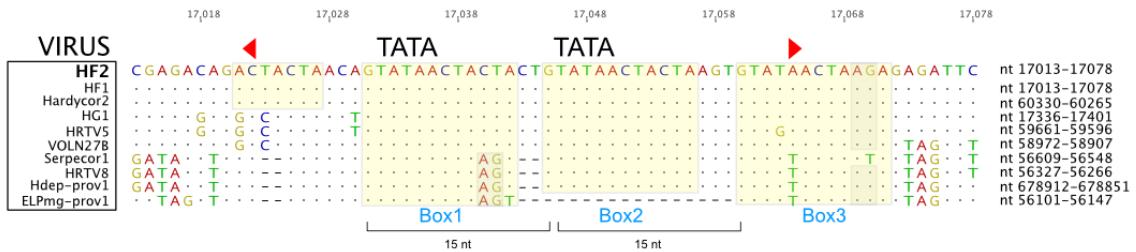


Figure S5. Conservation of T-17064 and T-17022 promoter region within members of *Haloferacalesvirus* ^a. ^a See legend to Figure S3. Repeat sequences are shaded yellow and labeled Box1 to Box3.

Table S1. Primers used to amplify IRs for ligation to the reporter vector pRV2.

Primer	Sequence (5'-3') ^a	HF2 Coordinates ^b
IRA BSTF	GC <u>GGCGTT</u> CGAAGCAAAGACTCATCTG	2880-2894
IRA BSTR	GC <u>GGCGTT</u> CGAAGGGGAGTCGAACCC	2937-2924
IRB BSTF	GC <u>GGCGTT</u> CGAA <u>G</u> TAAAGACTTAATAC	3666-3681
IRB BSTR	GC <u>GGCGTT</u> CGAAC <u>C</u> TC <u>A</u> CTCTAA <u>G</u> AG	3706-3693
IRCc BSTF	GC <u>GGCGTT</u> CGAA <u>C</u> TA <u>A</u> AGACTTAGAACG	4343-4358
IRCc BSTR	GC <u>GGCGTT</u> CGAAC <u>C</u> ACTCGGAGCAAAG	4385-4371
IRDc BSTF	GC <u>GGCGTT</u> CGAA <u>G</u> GGATGGCGGGCGG	7941-7954
IRDc BSTR	GC <u>GGCGTT</u> CGAA <u>A</u> GTGGAAC <u>G</u> CTCAT	8001-7986
IRE BSTF	GC <u>GGCGTT</u> CGAA <u>G</u> GTATA <u>A</u> CTACTACTG	17030-17045
IRE BSTR	GC <u>GGCGTT</u> CGAA <u>A</u> GT <u>T</u> ATACAC <u>T</u> AG	17067-17054
IRFc BSTF	GC <u>GGCGTT</u> CGAA <u>C</u> TA <u>A</u> AGACTTAGAAC	17226-17211
IRFc BSTR	GC <u>GGCGTT</u> CGAAC <u>C</u> TC <u>A</u> CTCTAA <u>T</u> AG	17171-17184
IRG BSTF	GC <u>GGCGTT</u> CGAA <u>C</u> TA <u>A</u> AGACTCAAATC	18366-18379
IRG BSTR	GC <u>GGCGTT</u> CGAA <u>C</u> TC <u>C</u> CT <u>A</u> CTCTATTAGACGG	18421-18402
IRH BSTF	GC <u>GGCGTT</u> CGAA <u>C</u> TA <u>A</u> GAATCAAATAG	20654-20668
IRH BSTR	GC <u>GGCGTT</u> CGAA <u>C</u> CT <u>A</u> CTCTATTAGACGTGG	20707-20688
IRI BSTF	GC <u>GGCGTT</u> CGAA <u>G</u> C <u>G</u> TTCTGCTAAAGAC	34471-34486
IRI BSTR	GC <u>GGCGTT</u> CGAA <u>A</u> CC <u>C</u> TC <u>A</u> CTCTAA <u>T</u> AGAC	34533-34518
IR4J BSTF	GC <u>GGCGTT</u> CGAA <u>C</u> CCAA <u>A</u> AGACTAA <u>T</u> ATC	37273-37288
IR4J BSTR	GC <u>GGCGTT</u> CGAA <u>C</u> GT <u>C</u> GT <u>T</u> AGTACCAG	37330-37315
IRKc BSTF	GC <u>GGCGTT</u> CGAA <u>G</u> GTGGAAA <u>A</u> CTCAA <u>A</u> GTAGG	37444-37420
IRKc BSTR	GC <u>GGCGTT</u> CGAA <u>A</u> AC <u>G</u> CGGGCGAA <u>A</u> TAC	37361-37377
IRL BSTF	GC <u>GGCGTT</u> CGAA <u>C</u> CTATTATA <u>A</u> ATA	40953-40967
IRL BSTR	GC <u>GGCGTT</u> CGAA <u>G</u> GTCC <u>C</u> ACAGACGGCATACGG	41001-40983
IRMc BSTF	GC <u>GGCGTT</u> CGAA <u>C</u> TC <u>C</u> CT <u>A</u> CTCTAA <u>T</u> AG	47866-47881
IRMc BSTR	GC <u>GGCGTT</u> CGAA <u>C</u> TA <u>A</u> GAAC <u>A</u> AA <u>G</u> TCG	47921-47907
IRN BSTF	GC <u>GGCGTT</u> CGAA <u>T</u> AA <u>A</u> AGACTCAA <u>A</u> TAGG	48064-48080
IRN BSTR	GC <u>GGCGTT</u> CGAA <u>T</u> TC <u>A</u> CTCTAA <u>C</u> AG	48118-48105
IRPc BSTF	GC <u>GGCGTT</u> CGAA <u>C</u> TA <u>A</u> AGACTTA <u>A</u> TC	69431-69418
IRPc BSTR	GC <u>GGCGTT</u> CGAA <u>G</u> GT <u>T</u> ACC <u>A</u> CTAA <u>A</u> AG CG <u>A</u> AT <u>T</u> AT <u>A</u> AA <u>A</u> CC <u>C</u> TT <u>A</u> CC <u>T</u> TA <u>A</u> TAG <u>T</u> AG	69390-69403
CL2 IROCII BSTF	TT	54946-54917
CL2 IROCII BSTR	TT CGAA <u>A</u> CT <u>A</u> CT <u>T</u> TA <u>A</u> AT <u>GG</u> TAA <u>AG</u> GG <u>T</u> T <u>A</u> T <u>A</u> T <u>A</u>	54917-54946
CL2 IRQCII BSTF	TT CGAA <u>A</u> CT <u>C</u> CT <u>T</u> TA <u>A</u> AT <u>GG</u> TAA <u>AG</u> GG <u>T</u> T <u>A</u> T <u>A</u> T <u>A</u>	76630-76602
CL2 IRQCII BSTR	TT CGAA <u>A</u> CT <u>C</u> CT <u>T</u> TA <u>A</u> AT <u>GG</u> TAA <u>AG</u> GG <u>T</u> T <u>A</u> T <u>A</u> T <u>A</u>	76602-76630

^aEngineered *Bst*B1 tags are underlined. Class 2 IRs were synthesised as linkers with *Bst*B1 overhangs (shown in bold). ^bnumbering according to accession AF222060.2.

Table S2. HF2 oligonucleotide primers used for RT-PCR or primer extension reactions.

Primer ^a	Sequence (5'-3')
1712-1727	GCGGCGTTCGAAGGCCTAAAGGGATGTG
1855-1868	GCGGCGTTCGAACTCGCTAACGCAAAC
1926-1913	ATAGCGTTCGAAACCAACCCCCCAT
2028-2015	ATGGCGTTCGAACCGATGGTGTCAC
2098-2077	GTGAGCTAAGCTCACGGTGGAG
2880-2894	GCGGCGTTCGAAGCAAAGACTCATCTG
2937-2924	GCGGCGTTCGAAGGGAGTCGAACCC
3072-3051	GCCTCTGGTCGATTTGAGGTC
3073-3093	ATCGAGCCTTCGGAGCGATAG
3220-3201	CCTTCGTATTCCCTCCGGCTC
3666-3681	GCGGCGTTCGAAGTAAAGACTTAATAC
3706-3693	GCGGCGTTCGAACCTCACTCTAACAGAG
3758-3780	ATGTGCCACTTCAACGACGACTG
3837-3817	GAAGCTCCTCCTACGTGGTC
3881-3860	GGCAGTCTGAGTATCCGCAAGC
4018-4001	GTCTCGTAGCTCGGTATG
4220-4241	GACAGTAACCGACGCCGACTAC
4343-4358	GCGGCGTTCGAACTAAAGACTTAGAACG
4385-4371	GCGGCGTTCGAACCACTCGGAGCAAAG
4509-4532	TTGAAGGTCGGAGATTACCTCCAC
4606-4585	GTCGGCTCAATCGCAATCGAAC
6436-6418	GTTGTGGATTCCCTCTCCG
6692-6706	GCGGCGATCGATATGAGTGTAAACACC
6846-6871	TCGAGGGATAACAACCACGACGACTAC
6956-6930	GGACTGTCATATAGCTACCGCGAGTC
7134-7156	CAAGCCGAACAAGCTCCGTTGG
7258-7234	GAGTCGTGGACTCGATAACTACCTC
7818-7839	GTCACCA CGGAC GAGAAGTAGC
7941-7954	GCGGCGTTCGAAGGATGGCGCGCGG
7995-8018	CCAAC TTCAATCGAGACGACTGCC
8001-7986	GCGGCGTTCGAAAGTTGGAACGCTCAT
8119-8102	GTCAACTGACCGGCCTTC
8249-8225	GTAAATCGTCGGTCTGGTTCCAG
10081-10101	GGAGTTCGGTTCTGGTTCCAG
10386-10408	CATAGCGTCCAGACTGTTGAACC
10471-10451	TCGT CAGCGAGGTGAAACAGG
13210-13225	ATAGCGATCGATATGAGTACGCTCGCTG
15568-15589	GTTCGGAGCTGTCACAATCACC
15629-15606	CCATCTTCTGAAGCATGAACACGG
16210-16233	ATCGAGCCACGGAGCTCAACGAC
16496-16509	GCGGCGTTCGAAGTAAACTCGCTCAT

16530-16507	CATCGACCACCGGAGGTCTGGAAATG
16542-16521	CATCATTCTCACCATCGACCAC
16580-16567	ATAGCGTCGAAGCTGACAACCTCGG
16892-16911	GCGTGCTGTTCCCTCTCGTTC
17030-17045	GCGGCCTCGAAAGTATAACTACTACTG
17067-17054	GCGGCCTCGAAAGTTATAACACTTAG
17171-17184	GCGGCCTCGAACCTCACTCTAATAG
17211-17186	GCGGTATCTTAAGTCCTAGTTCCCG
17217-17233	GCGGCCTCGAAAAGTCTTAGATTCTG
17226-17211	GCGGCCTCGAACTAAAGACTTAGAATC
17291-17278	GCGGCCTCGAATCGTCCTTTCAT
17647-17667	TTCTACGAGATGGTGGAGCTG
18366-18379	GCGGCCTCGAACTAAGACTCAAATC
18371-18385	GCGGCCTCGAACTCAAATCGGTATC
18421-18402	GCGGCCTCGAACTCCTCACTCTATTAGACGG
18511-18498	ATAGCGTCGAACCCAAAAACCACCG
18511-18528	GGACGTAGCTCAGCTCGG
18531-18551	AGAGCGTCGGCTCTAACCG
18550-18532	GGTTAGAAGCCGAACGCTC
19584-19601	AAGCGACAGGCTGAGCTG
19598-19580	CTCAGCCTGTCGCTGAAG
19626-19640	GCGGCCTCGAATGAAGAACGACTAG
19713-19700	GCGGCCTCGAATTGACCCCTACCCAC
20101-20118	CTTCGACCTGCTCGATGC
20292-20274	CCGGTTGGTTCATCGAAGG
20503-20481	CAGCGAGAGAAGTGAGAGAGTCC
20649-20662	GCGGCCTCGAAGCCTCTAAGAACATC
20654-20668	GCGGCCTCGAACTAAGAACAAATAG
20707-20688	GCGGCCTCGAACCTCACTCTATTAGACGTGG
20738-20725	GCGGCCTCGAAGGCAAGAGAAAGAG
20748-20765	CAGTTGGTAGAGCGCCTG
20751-20769	GCGGCCTCGAATTGGTAGAGGCCCTGACTG
20783-20761	GACTACCTGATTAACAGTCAGGC
20827-20805	GCGGCCTCGAAATTAAAGGAAGATAACCGACGCC
20828-20850	CTGGACGTGTTCAAGGAGAACAG
20885-20865	GAATCGAACGCCCTACACTC
20930-20911	GCGGCCTCGAAAGCTACGGCATAGGTATTG
21008-20990	GCTGTTGACTCGGTGTCG
21080-21103	CGCCTTCATCTCGTTCAAGATTGG
21225-21206	CCGTATCATCCGACTCGTCG
22025-22042	GAGGTACAGGTCGGTTCG
22088-22110	ACGTT CCTGACCGCTGAGATTCC
22185-22165	GATTCCCACGCAAGTTCTTCC

22237-22216	GTCCGACTTCGGACGTGCTTC
22261-22275	GCGGCCTCGAAGATGAAGTAGTATAG
22330-22356	CCCGTTCTCAACCAGATGGAAGATAAC
22335-22321	GCGGCCTCGAAACGGGTATGTTCAT
22348-22331	CCATCTGGTTGAGAACCGG
22455-22431	GTTGAACCACGAGAGGAACACGGTC
23950-23977	AGGATACAAGAGCCGTGAACAATCGAG
24115-24091	CGTCGAAGTCGATGAAGATACTGTC
25089-25103	GCGGCATCGATATGAGTTACCAACAG
26281-26295	ATAGCGTCGAAGATAGCTCCGACTC
26359-26374	GCGGCATCGATATGAAAACAAAGACG
26372-26359	GCGGCCTCGAATCTTGTTCAT
26784-26799	GCGGCATCGATATGGAAGTTACAGAAC
27153-27169	GCGGCATCGATATGATGAGTTTGGAAC
27539-27525	CGGGATCCTTCTATTCACTTCGTCC
30481-30502	GAACAGCCGAAGTACGCTGTTG
30593-30571	GGAACCACGATAACAACGTCAGC
31421-31441	TCGGAGAGGATAGCAACCGAG
31542-31521	GAGAATATCCGCTGAGATTGCG
34644-34662	ACGAGAGGATTGCCGCATC
36920-36933	ATAGCGTCGAAGGAGGTCTACGAGG
37071-37058	GCGGCCTCGAATTGCGTGTCTTCAT
37149-37168	GGACGTTGGTGGTTCGCTG
37248-37272	GACTGTTGGAGGCCACCTCAGTAGTC
37273-37288	GCGGCCTCGAACCAAAGAGTTAAATC
37330-37315	GCGGCCTCGAACGTCGTATAGTACCAAG
37361-37377	GCGGCCTCGAAAACGGGGCGAAATATC
37444-37420	GCGGCCTCGAACGTGGAAAACCAAAGTAGG
37578-37558	GGGTCTTCCACTTCTTCTTCTGG
38589-38607	CCCGATGAACATGGAAGAC
38759-38736	GCAGAGTACGTTCCGTTGTCGTAC
39063-39045	CCAGTCTCCTCGATGAATC
39093-39112	TCACAATCGAGGCCGACTCC
39381-39403	GTCGGAAGAAGGAGTATCGCCTG
39471-39490	GTGTCTGAGTCTGAGTGGAG
40842-40860	GGTCTCGTCCTTACCAAGG
40931-40945	GCGGCCTCGAACTCTGTACCGAGCTAC
40953-40967	GCGGCCTCGAACCTATTATAAATAA
41001-40983	GCGGCCTCGAACGTCCACAGACGGCATACGG
41003-40985	GTGTCCACAGACGGCATAC
41034-41021	GCGGCCTCGAATCATTCCCCACAT
41105-41125	CACCTCGCCTCCTCGAACAC
41146-41117	GTCCTGATTGTTCCATCTCGTGTTCGAG

41200-41177	CATGCCGAAGATTCTGCGGCGAG
41234-41253	CAACACAACGGCGACGTTTC
41327-41341	GCGGCCTCGAAGTCCCATAACAACC
41385-41372	GCGGCCTCGAAGACGTATCTACCAT
41426-41409	CGAGTCGGGATGCTATCC
47142-47160	CACCTGATTACACGTCTCG
47671-47686	GCGGCCTCGAAGTGACTACGGACATTG
47681-47662	TCCGTAGTCACAACGTAAAC
47866-47881	GCGGCCTCGAACTCCTCACTCTAATAG
47921-47907	GCGGCCTCGAACTAAGAACAAAGTCG
47938-47923	GCGGCCTCGAACAGACGACTGACAC
47943-47964	GGAATCGGTGAGTATCTGCTG
48049-48063	GCGGCCTCGAACATATCAGTTCAAG
48064-48080	GCGGCCTCGAAATTAAAGACTCAAATAGG
48118-48105	GCGGCCTCGAACTTCACTCTAACAG
48132-48150	GTGTAACCAACGCCGTTAG
48133-48119	GCGGCCTCGAACTCGAAAAATCCAT
48167-48145	CCTTGTAGAGAGGTCACTAACG
48457-48437	CGCATCGAAGTAAACTTCACC
49107-49089	CGCGCATCTCCGTGCTAAG
49920-49933	GCGGCCTCGAATTACTCGTGCCAT
49984-50003	GTTCGGGTCTGACGTTTC
50002-49989	GCGGCCTCGAAAAACGTCAGACCCG
50046-50022	GGTGATATTCCGGCATCTTACGAGG
50259-50239	GGGAATGGCAACAGCAACTCC
52401-52422	GGGATTAGCTCCCTGAACGTAC
52540-52520	TCGAGGATGTTCAGCACCTCG
53290-53309	CTAACCAAGTTGCTTACCTC
54785-54809	GAATAACGACCGCCTGCTCGAACTC
54836-54817	GACCTGCTTCAGTAAGTGG
54917-54946	CGAAACTACTATTAATGGTAAAGGGTTATATATT
54946-54917	CGAATATATAAACCCTTACCATTAAATAGTAGTTT
55081-55055	GAATCCGTCTATCACGGTAATGGTAG
69390-69403	GCGGCCTCGAAGGTTAACCATAAAG
69431-69418	GCGGCCTCGAACTAAAGACTTAATC
70170-70150	CTATCTCGCGGAAGCGTGAGC
70230-70211	AGCTGACCGAGGAGCTTCC
74411-74430	CGCATCGCCGTAGAACTAGG
74451-74470	GCGGCCTCGAACATCGGTGAAAGAGCGTCAG
74640-74658	GGAGTCGAACCGGCGTAAG
74660-74641	GCGGCCTCGAACTCTACGCCGGTCGACTC
74699-74673	GAGACAGTAGTGTAGGGTATCATCGG
74730-74710	GCGGCCTCGAACATCGTCAGTTGGCCGATATG

74881-74899	AGAGACTTCAACCGGCTCG
75638-75660	TTTCATCGTCGGGTCGAAGCTC
75650-75627	CCCGACGATGAAATATTGATGAC
75722-75704	GAACAGCTGCCGCAGTTG
76444-76467	GGTGTAGAAAGAGTTGAACTCGG
76602-76630	CGAAAATCCTATTAATGGTAAAGGGTTATATATT
76630-76602	CGAATATATAAACCTTACCATTAATAGGAGTTT
76755-76773	GCGGCGTTCGAAGATAGGCCGATAAGTC
76765-76743	GGCCTATCTTCTTCTTATGGTGC
76816-76803	GCGGCGTTCGAAACCAGGGTCTACCAT
77121-77143	TACGAGAGAGGTCAAGTGAGGAC
77241-77220	GGTCTGGTTCATCTGGTGTGTG
77380-77356	GCACACGCGTTAGTAAGTCCACC

^aprimers are designated by their positions on the HF2 genome (AF222060.2).

Table S3. Oligonucleotide primer used for primer extension on transcripts generated by reporter vector pRV2

Primer	Sequence (5'-3')	Target
Bgal pEXT	GCCATCTGACTGATATCGGTCTCC	214-191 ^a

^anumbering according to pRV2 (accession MZ936313)

Table S4. HF2 infected cell transcripts detected by RT-PCR

Transcript Name	3' end primer	most 5' primer	Locus_tag range (HrrHF2_) ^a	Direction ^a	Estimated length of transcript (bp) ^b
F1	2937-2924	1855-1868	005	+	1,095
F2	15629-15606	3073-3093	010-200	+	12,743
F44	20503-20481	17171-17184	220-255	+	3,413
F52	39063-39045	20751-20769	260-435	+	18,701
F92	77241-77220	41327-41341	460-660	+	35,961
R131	41327-41341	76630-76602	655-460	-	35,320
R90	39471-39490	41003-40985	450-440	-	1,564
R52	1855-1868	20707-20688	260-005	-	18,865

^alocus tag and direction are according to accession AF222060.2. ^bestimated from the 3' end of the gene in which the cDNA synthesis primer is situated to the 5' end of the gene in which the last productive PCR was detected.

Table S4. Transcript names are as shown in Figure 3 of the main text. The 3' and 5' primer coordinates and locus tags correspond to the HF2 genome sequence (accession AF222060.2).

Supplementary text S1. *Haloferacalesvirus* isolate Hardygib1.

Hardygib1 was isolated in 1998 from Lake Hardy, Victoria (35° 04' S, 141° 44' E) by plating a water sample on lawns of *Haloferax gibbonsii* Ma2.38^T. Methods of isolation, plaque purification, preparation of virus stock and its long-term storage, DNA extraction and sequencing were as described in [2,3]. The reads were assembled from the same dataset that was used to determine the sequence of the *Haloferax gibbonsii* provirus Halfgib1 [2]. The 73,193 bp Hardygib1 genome sequence is about 96% complete but is missing sequence at both termini. It is estimated to be missing about 1kb at the left end (relative to halovirus HF2, accession AF222060.2), which includes the left terminal direct repeat. At the right end, it is estimated to be missing about 2.5 kb, which includes the right terminal direct repeat, the four genes corresponding to HrrHF2_645 to HrrHF2-660 as well as the N-terminal half of HrrHF2_640. The sequence has been deposited at Genbank under the accession OK649958. Pairwise comparison of viruses available in Genbank (accessed August 2021) shows it to be most similar to HRTV5 (83% nucleotide identity), and its encoded glycine-rich adhesin (corresponding to HrrHF2_490) corresponds to group 3 of [4].

References

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2. Dyall-Smith, M.; Pfeiffer, F.; Chiang, P.W.; Tang, S.L. The novel halovirus Hardycor1, and the presence of active (induced) proviruses in four haloarchaea. *Genes (Basel)* **2021**, *12*, 149.
3. Dyall-Smith, M.; Tang, S.L.; Russ, B.; Chiang, P.W.; Pfeiffer, F. Comparative genomics of two new HF1-like haloviruses. *Genes (Basel)* **2020**, *11*, 405.
4. Liu, Y.; Demina, T.A.; Roux, S.; Aiewsakun, P.; Kazlauskas, D.; Simmonds, P.; Prangishvili, D.; Oksanen, H.M.; Krupovic, M. Diversity, taxonomy, and evolution of archaeal viruses of the class *Caudoviricetes*. *PLoS Biol.* **2021**, *19*, e3001442.