

Article title:

First report of a chrysovirus infecting a member of the fungal genus *Ilyonectria*

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Authors:

Tom P. Pielhop, Carolin Popp, Dennis Knierim, Paolo Margaria, Edgar Maiß

Corresponding author:

Tom P. Pielhop, pielhop@ipp.uni-hannover.de

Institute of Horticultural Production Systems, Dept. Phytomedicine, Leibniz University
Hannover, Herrenhäuser Str. 2, 30419, Hannover, Germany.

Tab. ESM3: Sequence identity (%) of IpCV1 with the alphachrysovirus, calculated with the EMBOSS/Needle software [12]. Sequence length and identity percentages of the nucleotide (ORF) and deduced aa sequence of the RdRp and CP are shown.

| | Acc. no | ORF (RdRp) | | aa sequence (RdRp) | | ORF (CP) | | aa sequence (CP) | | |
|-------------------|-----------|-------------|--------------|--------------------|--------------|------------------|--------------|---------------------|--------------|-------------|
| | | Length (nt) | Identity (%) | Length (aa) | Identity (%) | Length (nt) | Identity (%) | Length (aa) | Identity (%) | |
| IpCV1 | OM993531 | 3291 | - | 1096 | - | OM993532 | 2697 | - | 898 | - |
| CgCV1 | NC_043666 | 3267 | 62.4 | 1088 | 60.9 | NC_043668 | 2703 | 52.5 | 900 | 39.3 |
| PtCV1 | MH323409 | 3132 | 59.4 | 1043 | 56.2 | MH323410 | 2706 | 51 | 901 | 38.9 |
| HvV145S-A9 | NC_005978 | 3261 | 51.4 | 1086 | 40.9 | NC_005979 | 2688 | 46.6 | 895 | 25.5 |
| BmCV1 | KY489954 | 3267 | 50.9 | 1088 | 41 | KY489955 | 2685 | 48.1 | 894 | 25.8 |
| CCRSACV | AJ781397 | 3264 | 50.9 | 1087 | 36.4 | AJ781398 | 2982 | 47.5 | 993 | 26.7 |
| AsCV1 | MW656210 | 3255 | 50.8 | 1084 | 39.6 | MW656211 | 2718 | 48.1 | 905 | 27.3 |
| MpCV1 | NC_043662 | 3318 | 50.5 | 1105 | 36.9 | NC_043664 | 2976 | 46.3 | 991 | 22.1 |
| PcV | NC_007539 | 3354 | 50.4 | 1117 | 36 | NC_007540 | 2949 | 43.6 | 982 | 20.5 |
| ACDACV | NC_009947 | 3264 | 50.1 | 1087 | 36.3 | NC_009946 | 2985 | 46.7 | 994 | 26.1 |
| AfCV | NC_038872 | 3345 | 49.9 | 1114 | 36.4 | NC_038873 | 2862 | 45.3 | 953 | 24 |
| CCV1 | NC_055655 | 3270 | 49.9 | 1089 | 35.4 | NC_055656 | 2868 | 45.8 | 955 | 24.2 |
| IjCV-1 | NC_033277 | 3354 | 49.9 | 1117 | 35.3 | NC_033317 | 2925 | 46.1 | 974 | 25 |
| BbCV1 | MK279433 | 3348 | 49.4 | 1115 | 35.8 | MK279434 | 2931 | 45.4 | 976 | 24.1 |
| PrCV1 | MK279429 | 3351 | 49.3 | 1116 | 36.6 | MK279430 | 2952 | 45.5 | 983 | 23.4 |
| VdCV1 | NC_038784 | 3327 | 49.3 | 1108 | 36.6 | NC_038782 | 3051 | 43.3 | 1016 | 19.7 |
| PiCV1 | MK214380 | 3354 | 49.2 | 1117 | 36 | MK214381 | 2949 | 44.3 | 982 | 21.7 |
| PrpCV1 | MG887760 | 3354 | 48.8 | 1117 | 37.1 | MG887761 | 2702 | 44.6 | 900 | 21.9 |
| BcCV1 | NC_043660 | 3441 | 48.5 | 1146 | 33 | NC_043659 | 3351 | 43.7 | 1116 | 20.2 |
| RsCV1 | NC_043657 | 3417 | 48.5 | 1138 | 31.6 | NC_043656 | 3306 | 41.1 | 1101 | 20.4 |
| AMAV | NC_043676 | 3300 | 47.1 | 1099 | 27.6 | NC_043677 | 2994 | 44.2 | 997 | 16.8 |
| ZmCV1 | NC_040510 | 3273 | 47.1 | 1090 | 27.6 | NC_040509 | 3981 | 40.5 | 1326 | 14.6 |
| CnCV1 | NC_038778 | 2889 | 46 | 962 | 32.7 | NC_038779 | 2721 | 45.5 | 906 | 22.6 |
| PaCV | NC_043506 | 3282 | 45.5 | 1093 | 27.5 | NC_043508 | 3141 | 44.8 | 1046 | 17.1 |
| LiCV1 | MN393162 | 2539 | 45 | 846 | 38.9 | MN393161 | 2316 | 48.1 | 772 | 30.4 |
| SV | MN661047 | 3363 | 44.8 | 1120 | 24.6 | MN661048 | 2850 | 42.7 | 949 | 14.1 |
| SCLV | NC_055224 | 3357 | 44.4 | 1118 | 24.9 | NC_055227 | 2709 | 42.5 | 902 | 15.9 |
| HCLV | MF176309 | 3357 | 44.3 | 1118 | 23.7 | MF176310 | 2853 | 45.1 | 950 | 13.8 |
| FoCV1 | NC_043218 | 2553 | 49.4 | 851 | 50.5 | NC_043219 | 648 | Sequence incomplete | | |
| PbcV | MG887763 | 1620 | 29.8 | 539 | 9.6 | No GenBank entry | | NA | NA | NA |