

SUPPLEMENTARY INFORMATION

Exploring the mycovirus universe: Identification, Diversity, and Biotechnological Applications

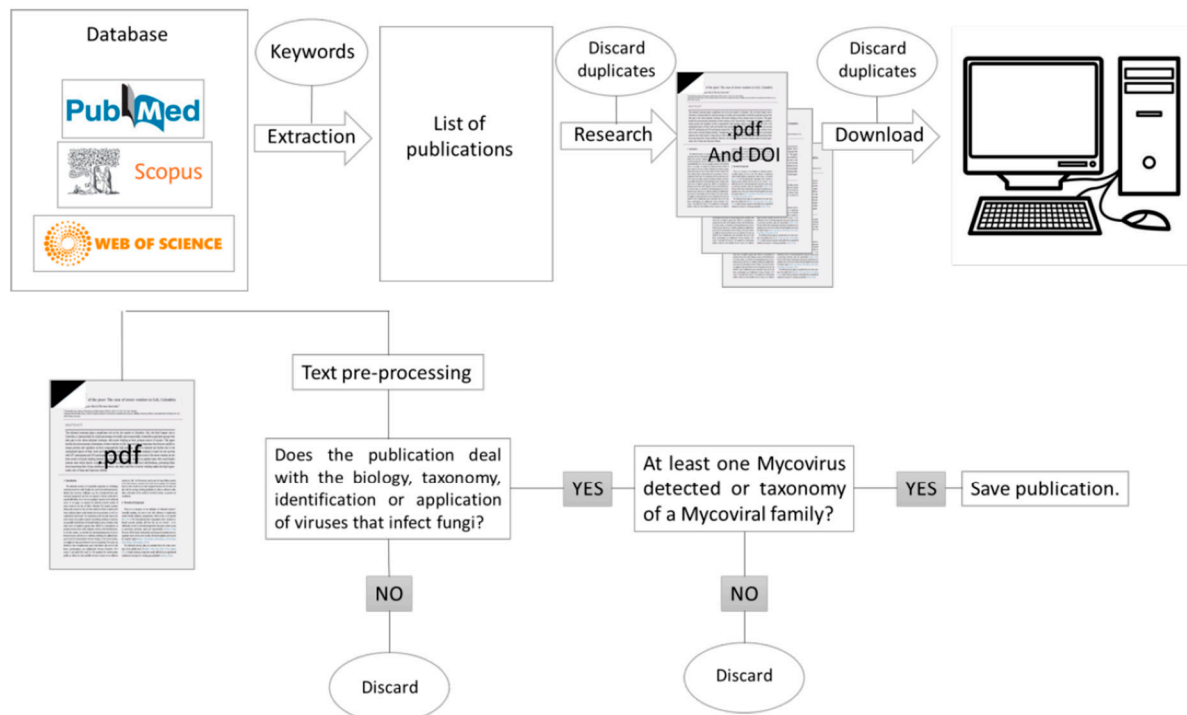
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Supplementary Figure S1. Workflow for data acquisition. The databases with keywords (mycovirus and fungal viruses) were consulted to extract a list of publications, in which title and abstract were considered, and duplicates discarded. The papers were classified by groups (publications dealing with the biology, taxonomy, identification, and application of mycovirus, and including at least one mycoviral family or species) those that did not meet the criteria were discarded.

Supplementary Table S1. Classification of viruses that infect fungi, based on Report of ICTV (May, 2021), ICTV on line.

Virus		Fungus			Fungos								
Family	Genus	Name	Size	Genome	Year	Host	Family	Genus	NCBI	Kingdom	Filo	Class	Order
Partitiviridae	Alphapartitivirus	<i>Chondrostereum purpureum cryptic virus 1</i>	1920 nt	dsRNA	2013	<i>Chondrostereum purpureum</i>	Meruliaceae	<i>Chondrostereum</i>	NC_038915	FUNGI	Basidiomycota	Agaricomycetes	Polyporales
		<i>Flammulina velutipes browning virus</i>	1915 nt	dsRNA	2013	<i>Flammulina Velutipes</i>	Physalacriaceae	<i>Flammulina</i>	AB465308	FUNGI	Basidiomycota	Agaricomycetes	Agaricales
		<i>Helicobasidium mompa partitivirus V70</i>	1928 nt	dsRNA	2005	<i>Helicobasidium mompa</i>	Platyglomeae	<i>Helicobasidium</i>	NC_043392	FUNGI	Basidiomycota	Pucciniomycetes	Helicobasidiales
		<i>Heterobasidium partitivirus 1, Heterobasidium partitivirus 3, Heterobasidium partitivirus 12, Heterobasidium partitivirus 13, y Heterobasidium partitivirus 15</i>	1791 nt	dsRNA	2015	<i>Heterobasidium sp., Heterobasidium ecrustosum, Heterobasidium annosum, Heterobasidium parviporum.</i>	Bondarzewiaceae	<i>Heterobasidium</i>	NC_038827 , NC_038835 , NC_038829 , NC_038831 , NC_038833	FUNGI	Basidiomycota	Agaricomycetes	Russulales
		<i>Rosellinia necatrix partitivirus 2</i>	1985 nt	dsRNA	2013	<i>rosellinia necatrix</i>	Xylariaceae	<i>Rosellinia</i>	NC_020234	FUNGI	Ascomycota	Sordariomycetes	Xylariales
Partitiviridae	Betapartitivirus	<i>Virus atkinsonella hypoxylon</i>	2180 nt	dsRNA	1999	<i>Atkinsonella hypoxylon</i>	Clavicipitaceae	<i>Atkinsonella</i>	NC_003470	FUNGI	Ascomycota	Sordariomycetes	Hypocreales
		<i>Ceratocystis resinifera virus 1</i>	2207 nt	dsRNA	2009	<i>Endoconidiophora resinifera</i>	Ceratocystidaceae	<i>Ceratocystis</i>	NC_010755	FUNGI	Ascomycota	Sordariomycetes	Microascales
		<i>Virus fusarium poae 1</i>	2231 nt	dsRNA	2002	<i>Fusarium poae</i>	Nectriaceae	<i>Fusarium</i>	NC_030877	FUNGI	Ascomycota	Sordariomycetes	Hypocreales
		<i>Virus pleurotus ostratus 1</i>	2223 nt	dsRNA	2009	<i>pleurotus ostreatus</i>	Pleurotaceae	<i>Pleurotus</i>	NC_006960	FUNGI	Basidiomycota	Agaricomycetes	Agaricales
		<i>Heterobasidium partivirus 2, Heterobasidium partivirus 7, Heterobasidium partivirus 8 y Heterobasidium partivirus P</i>	2281 nt, 2375 nt	dsRNA	2005	<i>Heterobasidium sp.,</i>	Bondarzewiaceae	<i>Heterobasidium</i>	NC_038839 , NC_035485 , NC_038841 , NC_043393	FUNGI	Basidiomycota	Agaricomycetes	Russulales
Partitiviridae	Gammaherpesvirus	<i>Rosellinia necatrix virus 1-w8</i>	2279 nt	dsRNA	2005	<i>Rosellinia necatrix</i>	Xylariaceae	<i>Rosellinia</i>	NC_007538	FUNGI	Ascomycota	Sordariomycetes	Xylariales
		<i>Rhizoctonia solani virus 717</i>	2206 nt	dsRNA	1991	<i>Rhizoctonia solani</i>	Agonomycetaceae	<i>Rhizoctonia</i>	NC_003802	FUNGI	Basidiomycota	Agaricomycetes	Cantharellales
		<i>Virus de aspergillus ochraceus</i>	1220 nt	dsRNA	1991	<i>Aspergillus ochraceus</i>	Trichocomaceae	<i>Aspergillus</i>	NC_043395	FUNGI	Ascomycota	Eurotiomycetes	Eurotiales
		<i>Virus discula destructiva 1 y Virus discula destructiva 2</i>	1787 nt	dsRNA	2005	<i>Discula destructiva</i>	Valseaceae	<i>Discula</i>	NC_002797	FUNGI	Ascomycota	Sordariomycetes	Diaporthales
		<i>Fusarium solani virus 1</i>	1645 nt	dsRNA	2002	<i>Fusarium solani, haematococca, fusarium silvicola</i>	Nectriaceae	<i>Fusarium</i>	NC_003885	FUNGI	Ascomycota	Sordariomycetes	Hypocreales

Chyroviridae	Alphachyrovirus	<i>Virus de ARN de Gremmeniella abietina MSI</i>	1782 nt	dsRNA	2005	<i>Gremmeniella abietina</i>	Helotiaceae	<i>Gremmeniella</i>	NC_004018	FUNGI	Ascomycota	Sordariomycetes	<i>Helotiales</i>
		<i>Ophiostoma partitivirus 1</i>	1567 nt	dsRNA	2009	<i>Ophiostoma</i> sp.	Ophiostomataceae	<i>Ophiostoma</i>	NC_038917	FUNGI	Ascomycota	Sordariomycetes	Ophiostomatales
		<i>Penicillium stoloniferum virus F y Penicillium stoloniferum virus S</i>	1677 nt, 1754 nt	dsRNA	2009, 1979	<i>Penicillium stoloniferum</i> , <i>penicillium brevicompectum</i> , <i>aspergillus ochraceus</i>	Trichocomaceae	<i>Penicillium</i>	NC_007221 , NC_005976	FUNGI	Ascomycota	Eurotiomycetes	<i>Eurotiales</i>
		<i>Aspergillus fumigatus chrysovirus</i>	3006 nt	dsRNA	2012	<i>Aspergillus fumigatus</i>	Trichocomaceae	<i>Aspergillus</i>	NC_038871	FUNGI	Ascomycota	Eurotiomycetes	<i>Eurotiales</i>
		<i>Colletotrichum gloeosporioides chrysovirus</i>	3397 nt	dsRNA	2016	<i>Colletotrichum gloeosporioides</i>	Glomerellaceae	<i>Colletotrichum</i>	NC_043666	FUNGI	Ascomycota	Sordariomycetes	<i>Glomerellales</i>
		<i>Chrysothrix chrysovirus 1</i>	3552 nt	dsRNA	2020	<i>Penicillium citreosulfuratum</i>	Trichocomaceae	<i>Penicillium</i>	MN625832	FUNGI	Ascomycota	Eurotiomycetes	<i>Eurotiales</i>
		<i>Cryphonectria nitschkei chrysovirus 1</i>	2978 nt	dsRNA	2006	<i>Cryphonectria nitschkei</i>	Cryphonectriaceae	<i>Cryphonectria</i>	NC_038778	FUNGI	Ascomycota	Sordariomycetes	<i>Diaporthales</i>
		<i>Fusarium oxysporum chrysovirus 1</i>	2574 nt	ssRNA	2007	<i>Fusarium oxysporum</i>	Nectriaceae	<i>Fusarium</i>	NC_043218	FUNGI	Ascomycota	Sordariomycetes	<i>Hypocreales</i>
		<i>Virus Helminthosporium victoriae 145S</i>	3612 nt	RNA	2002	<i>Helminthosporium victoriae</i>	Pleosporaceae	<i>Helminthosporium</i>	NC_005978	FUNGI	Ascomycota	Dothideomycetes	<i>Pleosporales</i>
		<i>Isaria Javanica Chrysovirus</i>	3593 nt	dsRNA	2017	<i>Isaria Javanica</i> , <i>Cordyceps javanica</i>	Cordycipitaceae	<i>Isaria</i>	NC_033277	FUNGI	Ascomycota	Sordariomycetes	<i>Hypocreales</i>
	Betachyrovirus	<i>Macrophoma phaseolina chrysovirus</i>	3712 nt	dsRNA	2015	<i>Macrophoma phaseolina</i>	Botryosphaeriaceae	<i>Macrophoma</i>	NC_043662	FUNGI	Ascomycota	Dothideomycetes	<i>Botryosphaeriales</i>
		<i>Virus penicillium brevicompectum</i>	3149 nt	ssRNA	2002	<i>Penicillium brevicompectum</i>	Trichocomaceae	<i>Penicillium</i>	MG887748	FUNGI	Ascomycota	Eurotiomycetes	<i>Eurotiales</i>
		<i>Virus penicillium chrysogenum</i>	3562 nt	dsRNA	1979	<i>Penicillium chrysogenum</i>	Trichocomaceae	<i>Penicillium</i>	NC_007539	FUNGI	Ascomycota	Eurotiomycetes	<i>Eurotiales</i>
		<i>Penicillium cyaneofulvum virus</i>		dsRNA	1979	<i>Penicillium cyaneofulvum</i>	Trichocomaceae	<i>Penicillium</i>	Sem entrada no Genbank	FUNGI	Ascomycota	Eurotiomycetes	<i>Eurotiales</i>
		<i>Verticillium dahliae chrysovirus 1</i>	3313 nt	dsRNA	2010	<i>Verticillium dahliae</i>	Incertae	<i>Verticillium</i>	NC_038782	FUNGI	Ascomycota	Sordariomycetes	<i>Glomerellales</i>
		<i>Alternaria alternata chrysovirus</i>	2785 nt	dsRNA	2018	<i>alternaria alternata</i>	Pleosporaceae	<i>Alternaria</i>	NC_040736	FUNGI	Ascomycota	Dothideomycetes	<i>Pleosporales</i>
		<i>Botryosphaeria dothidea chrysovirus</i>	2397 nt	dsRNA	2014	<i>Botryosphaeria dothidea</i>	Botryosphaeriaceae	<i>Botryosphaeria</i>	NC_033476	FUNGI	Ascomycota	Dothideomycetes	<i>Botryosphaeriales</i>
		<i>Aspergillus thermomutatus chrysovirus 1</i>	3589 nt	dsRNA	2018	<i>Aspergillus thermomutatus</i>	Trichocomaceae	<i>Aspergillus</i>	MF045841	FUNGI	Ascomycota	Eurotiomycetes	<i>Eurotiales</i>
		<i>Colletotrichum fructicola chrysovirus 1</i>	3620 nt	dsRNA	2018	<i>Colletotrichum fructicola</i>	glomerellaceae	<i>Colletotrichum</i>	NC_040485	FUNGI	Ascomycota	Sordariomycetes	<i>Glomerellales</i>

		<i>Coniothyrium diplodiella chrysovirus 1</i>	3625 nt	dsRNA	2020	<i>Coniella diplodiella</i>	Melanconidaceae	<i>Coniella</i>	MK584812	FUNGI	Ascomycota	Sordariomycetes	Diaporthales
		<i>Fusarium graminearum chrysovirus</i>	3580 nt	dsRNA	2018	<i>Fusarium graminearum</i>	Nectriaceae	<i>Fusarium</i>	HQ343295	FUNGI	Ascomycota	Sordariomycetes	Hypocreales
		<i>Fusarium oxysporum chrysovirus 2</i>	3555 nt	dsRNA	2015	<i>Fusarium oxysporum</i>	Nectriaceae	<i>Fusarium</i>	NC_027563	FUNGI	Ascomycota	Sordariomycetes	Hypocreales
		<i>Penicillium janczewskii chrysovirus 1</i>	3698 nt	dsRNA	2015	<i>Penicillium janczewskii</i>	Trichocomaceae	<i>Penicillium</i>	NC_028495	FUNGI	Ascomycota	Eurotiomycetes	Eurotiales
		<i>Penicillium janczewskii chrysovirus 2</i>	2699 nt	ssRNA	2015	<i>Penicillium janczewskii</i>	Trichocomaceae	<i>Penicillium</i>	NC_043669	FUNGI	Ascomycota	Eurotiomycetes	Eurotiales
		<i>Magnaporthe oryzae chrysovirus</i>	2879 nt	dsRNA	2010	<i>Magnaporthe oryzae</i> , <i>Pyricularia oryzae</i>	Magnaportheaceae	<i>Magnaporthe</i>	NC_038011	FUNGI	Ascomycota	Sordariomycetes	Magnaporthales
		<i>Neofusicoccum parvum chrysovirus 1</i>	3698 nt	dsRNA	2020	<i>Neofusicoccum parvum</i>	Botryosphaeriaceae	<i>Neodusicoccum</i>	NC_028495	FUNGI	Ascomycota	Saccharomycetes	Botryosphaeriales
Amalgamiviridae	Zybayvirus	<i>Zygosaccharomyces bailii virus Z</i>	3157 nt	dsRNA	2018	<i>Zygosaccharomyces bailii</i>	Saccharomycetaceae	<i>Zygosaccharomyces</i>	NC_003874	FUNGI	Ascomycota	Saccharomycetes	Saccharomycetales
Curvulaviridae	<i>Orthocurvulavirus</i>	<i>Curvularia orthocurvulavirus 1</i>		dsRNA	2020	<i>Curvularia</i> sp.	Pleosporaceae	<i>Curvularia</i>	**	FUNGI	Ascomycota	Saccharomycetes	Pleosporales
		<i>Fusarium graminearum orthocurvulavirus</i>		dsRNA	2020	<i>Fusarium graminearum</i>	Nectriaceae	<i>Fusarium</i>	**	FUNGI	Ascomycota	Saccharomycetes	Hypocreales
		<i>Heterobasidion orthocurvulavirus</i>		dsRNA	2020	<i>Heterobasidion</i> sp.	Bondarzewiaceae	<i>Heterobasidion</i>	**	FUNGI	Basidiomycota	Agaricomycetes	Russulales
		<i>Lactarius rufus orthocurvulavirus 1</i>		dsRNA	2020	<i>Lactarius rufus</i>	Russulaceae	<i>Lactarius</i>	**	FUNGI	Basidiomycota	Agaricomycetes	Russulales
		<i>Rhizoctonia solani orthocurvulavirus 1</i>		dsRNA	2020	<i>Rhizoctonia solani</i>	Ceratobasidiaceae	<i>Rhizoctonia</i>	**	FUNGI	Basidiomycota	Agaricomycetes	Cantharellales
		<i>Lactarius tabidus orthocurvulavirus 1</i>		dsRNA	2020	<i>Lactarius tabidus</i>	Russulaceae	<i>Lactarius</i>	**	FUNGI	Basidiomycota	Agaricomycetes	Russulales
		<i>Sclerotium hydrophilum orthocurvulavirus 1</i>		dsRNA	2020	<i>Sclerotium hydrophilum</i>	Typhulaceae	<i>Sclerotium</i>	**	FUNGI	Basidiomycota	Agaricomycetes	Thelephorales
		<i>Trichoderma harzianum orthocurvulavirus 1</i>		dsRNA	2020	<i>Trichoderma harzianum</i>	Hypocreaceae	<i>Trichoderma</i>	**	FUNGI	Ascomycota	Sordariomycetes	Hypocreales
Hypoviridae	Not assigned	<i>Sclerotinia sclerotiorum hypovirus 7</i>	10208 nt	ssRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646394	FUNGI	Ascomycota	Leotiomycetes	Helotiales

Endomaviridae	Alphaendornavirus	<i>Coniothyrium minitans</i> RNA virus	4975 nt	dsRNA	2003	<i>Coniothyrium minitans</i>	Phaeosphaeriaceae	<i>Coniothyrium</i>	NC_007523	FUNGI	<i>Ascomycota</i>	<i>Dothideomycetes</i>	<i>Pleosporales</i>
		<i>Epichloe festucae</i> virus 1	5109 nt	dsRNA	2006	<i>Epichloe festucae</i>	Clavicipitaceae	<i>Epichloe</i>	NC_038930	FUNGI	<i>Ascomycota</i>	<i>Sordariomycetes</i>	<i>Hypocreales</i>
		<i>Gremmeniella abietina</i> RNA virus LI	5133 nt	dsRNA	2001	<i>Gremmeniella abietina</i>	Helotiaceae	<i>Gremmeniella</i>	NC_003876	FUNGI	<i>Ascomycota</i>	<i>Leotiomycetes</i>	<i>Helotiales</i>
		<i>Helminthosporium victoriae</i> virus 190S	5179 nt	dsRNA	1990	<i>Bipolaris victoriae</i>	Pleosporaceae	<i>Bipolaris</i>	NC_003607	FUNGI	<i>Ascomycota</i>	<i>Dothideomycetes</i>	<i>Pleosporales</i>
		<i>Helicobasidium mompa</i> totivirus 1-17	5207 nt	dsRNA	2003	<i>Helicobasidium mompa</i>	Platyglaceae	<i>Helicobasidium</i>	NC_005074	FUNGI	<i>Basidiomycota</i>	<i>Pucciniomycetes</i>	<i>Helicobasidiales</i>
		<i>Magnaporthe oryzae</i> virus 1 y <i>Magnaporthe oryzae</i> virus 2	5350 nt	dsRNA	2008, 2013	<i>Magnaporthe oryzae</i>	Magnaportheaceae	<i>Magnaporthe</i>	NC_006367	FUNGI	<i>Ascomycota</i>	<i>Sordariomycetes</i>	<i>Magnaportheales</i>
		<i>Rosellinia necatrix</i> victorivirus 1	5329 nt	ssRNA	2012	<i>Rosellinia necatrix</i> y <i>Cryphonectria parasitica</i>	Xylariaceae y Cryphonectriaceae	<i>Rosellinia</i>	NC_021565	FUNGI	<i>Ascomycota</i>	<i>Sordariomycetes</i>	<i>Xylariales</i>
		<i>Sphaeropsis sapinea</i> RNA virus 1 y <i>Sphaeropsis sapinea</i> RNA virus 2	5163 nt, 5202 nt	dsRNA	1998, 1998	<i>Diplodia sapinea</i>	Botryosphaeriaceae	<i>Sphaeropsis</i>	NC_001963 , NC_001964	FUNGI	<i>Ascomycota</i>	<i>Dothideomycetes</i>	<i>Botryosphaeriales</i>
		<i>Tolypocladium cylindrosporum</i> virus 1	5196 nt	dsRNA	2010	<i>Tolypocladium cylindrosporum</i>	Ophiocordycipitaceae	<i>Tolypocladium</i>	NC_014823	FUNGI	<i>Ascomycota</i>	<i>Sordariomycetes</i>	<i>Hypocreales</i>
		<i>Agaricus bisporus</i> alphaendornavirus 1	12730 nt	dsRNA	2017	<i>Agaricus bisporus</i>	Agaricaceae	<i>Agaricus</i>	KY357509	FUNGI	<i>Basidiomycota</i>	<i>Agaricomycetes</i>	<i>Agaricales</i>
Endomaviridae	Alphaendornavirus	<i>Erysiphe cichoracearum</i> alphaendornavirus	11907 nt	dsRNA	2016	<i>Golovino myces cichoracearum</i>	Erysiphaceae	<i>Erysiphe</i>	NC_029095	FUNGI	<i>Ascomycota</i>	<i>Leotiomycetes</i>	<i>Erysiphales</i>
		<i>Helicobasidium mompa</i> alphaendornavirus 1	16614 nt	dsRNA	2006	<i>Helicobasidium mompa</i>	Helicobasidiaceae	<i>Helicobasidium</i>	NC_013447	FUNGI	<i>Ascomycota</i>	<i>Dothideomycetes</i>	<i>Pleosporales</i>
		<i>Rhizoctonia cerealis</i> alphaendornavirus 1	17486 nt	dsRNA	2016	<i>Ceratobasidium cereale</i>	Ceratobasidiaceae	<i>Ceratobasidium</i>	NC_022619	FUNGI		<i>Basidiomycota</i>	
		<i>Rhizoctonia solani</i> alphaendornavirus 2	15850 nt	dsRNA	2016	<i>Rhizoctonia solani</i>	Ceratobasidiaceae	<i>Rhizoctonia</i>	KT823701	FUNGI	<i>Basidiomycota</i>	<i>Agaricomycetes</i>	<i>Cantharellales</i>
		<i>Alternaria brassicicola</i> betaendornavirus 1	10290 nt	RNA	2014	<i>Alternaria brassicicola</i>	Pleosporaceae	<i>Alternaria</i>	NC_026136	FUNGI	<i>Ascomycota</i>	<i>Dothideomycetes</i>	<i>Pleosporales</i>

		<i>Botrytis cinerea betaendornavirus 1</i>	11557 nt	RNA	2016	<i>Botrytis cinerea</i>	Sclerotinicaeae	<i>Botrytis</i>	NC_031752	FUNGI	Ascomycota	<i>Leotiomyces</i>	<i>Helotiales</i>
		<i>Rosellinia necratix betaendornavirus 1</i>	9639 nt	RNA	2015	<i>Rosellinia necratix</i>	Xylariaceae	<i>Rosellinia</i>	NC_030938	FUNGI	Ascomycota	<i>Sordario micetos</i>	<i>Xylariales</i>
		<i>Gremmeniella abietina betaendornavirus 1</i>	10375 nt	dsRNA	2006	<i>Gremmeniella abietina</i>	Helotiaceae	<i>Gremmeniella</i>	NC_007920	FUNGI	Ascomycota	<i>Sordario micetos</i>	<i>Helotiales</i>
		<i>Sclerotinia minor betaendornavirus 1</i>	12626 nt	RNA	2018	<i>Sclerotinia minor</i>	Sclerotiniaceae	<i>Sclerotinia</i>	NC_040631	FUNGI	Ascomycota	<i>Leotiomyces</i>	<i>Helotiales</i>
		<i>Sclerotinia sclerotiorum betaendornavirus 1</i>	10513 nt	dsRNA	2013	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	NC_023893	FUNGI	Ascomycota	<i>Leotiomyces</i>	<i>Helotiales</i>
		<i>Tuber aestivum betaendornavirus</i>	9760 nt	RNA	2011	<i>Tuber aestivum</i>	Tuberaceae	<i>Tuber</i>	NC_014904	FUNGI	Ascomycota	<i>Pezizomyces</i>	<i>Pezizales</i>
	Not assigned	<i>Sclerotinia sclerotiorum endornavirus 1-WX</i>	10596 nt	ssRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646414	FUNGI	Ascomycota	<i>Leotiomyces</i>	<i>Helotiales</i>
		<i>Sclerotinia sclerotiorum endornavirus 8</i>	11543 nt	ssRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646356	FUNGI	Ascomycota	<i>Leotiomyces</i>	<i>Helotiales</i>
		<i>Sclerotinia sclerotiorum endornavirus 9</i>	13562 nt	ssRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646421	FUNGI	Ascomycota	<i>Leotiomyces</i>	<i>Helotiales</i>
		<i>Sclerotinia sclerotiorum endornavirus 10</i>	2504 nt	ssRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646402	FUNGI	Ascomycota	<i>Leotiomyces</i>	<i>Helotiales</i>
		<i>Sclerotinia sclerotiorum endornavirus 3</i>	12631 nt	ssRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT706020	FUNGI	Ascomycota	<i>Leotiomyces</i>	<i>Helotiales</i>
Alphaflexiviridae	Botrexvirus	<i>Botrytis virus X</i>	6966 nt	ssRNA	2003	<i>Botrytis cinerea</i>	Sclerotinicaeae	<i>Botrytis</i>	NC_005132	FUNGI	Ascomycota	<i>Leotiomyces</i>	<i>Helotiales</i>
	Sclerodamavirus	<i>Sclerotinia sclerotiorum debilitation-associated RNA virus</i>	5470 nt	dsRNA	2003	<i>Sclerotinia sclerotiorum</i>	Sclerotinicaeae	<i>Sclerotinia</i>	NC_007415	FUNGI	Ascomycota	<i>Leotiomyces</i>	<i>Helotiales</i>
Deltaflexiviridae	Deltaflexivirus	<i>Fusarium deltaflexivirus 1</i>	8246 nt	ssRNA	2016	<i>Fusarium sp.</i>	Nectriaceae	<i>Fusarium</i>	NC_030654	FUNGI	Ascomycota	<i>Sordario micetos</i>	<i>Hypocreales</i>
		<i>Sclerotinia deltaflexivirus 1</i>	8178 nt	ssRNA	2016	<i>Sclerotinia sp.</i>	Sclerotinicaeae	<i>Sclerotinia</i>	NC_038977	FUNGI	Ascomycota	<i>Leotiomyces</i>	<i>Helotiales</i>

Not assigned		<i>Sclerotinia sclerotiorum deltaflexivirus 3 S1</i>	7403 nt	ssRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT706024	FUNGI	Ascomycota	<i>Leotiomicetos</i>	<i>Helotiales</i>
		<i>Sclerotinia sclerotiorum deltaflexivirus 3 S2</i>	2560 nt	ssRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MW452524	FUNGI	Ascomycota	<i>Leotiomicetos</i>	<i>Helotiales</i>
		<i>Sclerotinia sclerotiorum deltaflexivirus 2-WX</i>	6651 nt	ssRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646426	FUNGI	Ascomycota	<i>Leotiomicetos</i>	<i>Helotiales</i>
		<i>Sclerotinia sclerotiorum deltaflexivirus 3</i>	7375 nt	ssRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646428	FUNGI	Ascomycota	<i>Leotiomicetos</i>	<i>Helotiales</i>
		<i>Sclerotinia sclerotiorum deltaflexivirus 1-WX</i>	8124 nt	ssRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646429	FUNGI	Ascomycota	<i>Leotiomicetos</i>	<i>Helotiales</i>
		<i>Sclerotinia sclerotiorum deltaflexivirus 3 S3</i>	1827 nt	ssRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MW452525	FUNGI	Ascomycota	<i>Leotiomicetos</i>	<i>Helotiales</i>
Narnaviridae	Barnaviridae	Mushroom bacilliform virus	4009 nt	ssRNA	1993	<i>Agaricus bisporus</i>	Agaricaceae	<i>Agaricus</i>	NC_001633	FUNGI	Basidiomycota	<i>Agaricomycetos</i>	<i>Agaricales</i>
	Not assigned	Contig2_gc1_gc4_2hits				<i>Moniliophthora roreri</i>	Marasmiaceae	<i>Moniliophthora sp</i>	**	FUNGI	Basidiomycota	<i>Agaricomycetos</i>	<i>Agaricales</i>
		Contig1_gc1_gc4_manhits				<i>Moniliophthora roreri</i>	Marasmiaceae	<i>Moniliophthora sp</i>	**	FUNGI	Basidiomycota	<i>Agaricomycetos</i>	<i>Agaricales</i>
		Contig3_gc4_gc1_orf menor_8hits				<i>Moniliophthora roreri</i>	Marasmiaceae	<i>Moniliophthora sp</i>	**	FUNGI	Basidiomycota	<i>Agaricomycetos</i>	<i>Agaricales</i>
		<i>Sclerotinia sclerotiorum narnavirus 1</i>	2562 nt	ssRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646401	FUNGI	Basidiomycota	<i>Agaricomycetos</i>	<i>Agaricales</i>
		<i>Sclerotinia sclerotiorum narnavirus 2</i>	2382 nt	ssRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646403	FUNGI	Basidiomycota	<i>Agaricomycetos</i>	<i>Agaricales</i>
		<i>Sclerotinia sclerotiorum narnavirus 3</i>		ssRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	**	FUNGI	Basidiomycota	<i>Agaricomycetos</i>	<i>Agaricales</i>
		<i>Sclerotinia sclerotiorum narnavirus 4</i>		ssRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	**	FUNGI	Basidiomycota	<i>Agaricomycetos</i>	<i>Agaricales</i>
	Narnavirus	<i>Narnavirus de ARN Saccharomyces 20S y Narnavirus de ARN Saccharomyces 23S</i>	2514 nt, 2891 nt	dsRNA	1998, 1998	<i>Saccharomyces</i>	Saccharomycetaceae	<i>Saccharomyces</i>	NC_004051 , NC_004050	FUNGI	Ascomycota	<i>Sordariomicetos</i>	<i>Saccharomycetales</i>

Pseudoviridae	Hemivirus	<i>Virus Candida albicans Tca2 y Virus Candida albicans Tca5</i>	6980 nt, 5911 nt	ssRNA	2004, 2004	<i>Candida albicans</i>	Saccharomycetaceae	<i>Candida</i>	AF050215 , AF065434	FUNGI	<i>Ascomycota</i>	<i>Sordariomycetes</i>	<i>Saccharomycetales</i>
		<i>Virus de Saccharomyces cerevisiae Ty5</i>		ssRNA	1999	<i>Saccharomyces cerevisiae</i>	Saccharomycetaceae	<i>Candida</i>	**	FUNGI	<i>Ascomycota</i>	<i>Sordariomycetes</i>	<i>Saccharomycetales</i>
	Pseudovirus	<i>Virus Saccharomyces cerevisiae Ty1, Virus de Saccharomyces cerevisiae Ty2 y Virus Saccharomyces cerevisiae Ty4</i>	5918 bp, 6727 bp	ssRNA	1998, 1999, 1999	<i>Saccharomyces cerevisiae</i>	Saccharomycetaceae	<i>Saccharomyces</i>	M18706 , M94164	FUNGI	<i>Ascomycota</i>	<i>Sordariomycetes</i>	<i>Saccharomycetales</i>
Metaviridae	Metavirus	<i>Virus Cladosporium fulvum T-1</i>	7396 nt	ssADN	1992	<i>Cladosporium fulvum</i>	Davidiellaceae	<i>Cladosporium</i>	NC_043491	FUNGI	<i>Ascomycota</i>	<i>Dothideomycetes</i>	<i>Mycosphaerellales</i>
		<i>Fusarium oxysporum Skippy virus</i>	8457 nt	ssADN	2005	<i>Fusarium oxysporum</i>	Nectriaceae	<i>Fusarium</i>	L34658	FUNGI	<i>Ascomycota</i>	<i>Sordariomycetes</i>	<i>Hypocreales</i>
		<i>Saccharomyces cerevisiae Ty3 virus</i>	5473 nt	ssADN	1998	<i>Saccharomyces cerevisiae</i>	Saccharomycetaceae	<i>Saccharomyces</i>	M34549	FUNGI	<i>Ascomycota</i>	<i>Sordariomycetes</i>	<i>Saccharomycetales</i>
		<i>Virus Schizosaccharomyces pombe Tj1 y Virus Schizosaccharomyces pombe Tj2</i>	4533 nt, 4916 nt	ssRNA	1999, 1999	<i>Schizosaccharomyces pombe</i>	Schizosaccharomycetaceae	<i>Schizosaccharomyces</i>	M38526 , L10324	FUNGI	<i>Ascomycota</i>	<i>Esquizosaccharomycetes</i>	<i>Schizosaccharomycetales</i>
Genomoviridae	Genomovirus	<i>Sclerotinia sclerotiorum hypovirulence associated DNA virus 1</i>	2166nt	ssDNA		<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	NC_013116.1	FUNGI	<i>Ascomycota</i>	<i>Leotiomycetes</i>	<i>Helotiales</i>
Gammaflexiviridae	mycoviruses	<i>Sclerotinia sclerotiorum gammaflexivirus 1</i>	6818 nt	ssRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646392	FUNGI	<i>Ascomycota</i>	<i>Leotiomycetes</i>	<i>Helotiales</i>
		<i>Botrytis virus F</i>	6827 nt	ssRNA	2000	<i>Botrytis</i>	Sclerotiniaceae	<i>Botrytis</i>	NC_002604	FUNGI	<i>Ascomycota</i>	<i>Leotiomycetes</i>	<i>Helotiales</i>
Mymonaviridae	<i>Auricularimonavirus</i>	<i>Auricularimonavirus auriculariae</i>		ssRNA-	2020	<i>Auricularia</i> sp.	Auriculaceae	<i>Auricularia</i>	**	FUNGI	<i>Bacillariophyta</i>	<i>Bacillariophyceae</i>	<i>Surirellales</i>

<i>Botryimonavirus</i>	<i>Botrytimonavirus glicinis</i> (Dadou sclerotimonavirus)	6218 nt	ssRNA-	2015	Patogenos de raiz en cultivos de soja, <i>Sclerotinia sclerotiorum</i>	Sclerotinicaeae	<i>Sclerotinia</i> sp.	KT598228	FUNGI	Ascomycota	<i>Leotiomicetos</i>	<i>Helotiales</i>
	<i>Botrytimonavirus sclerotinae</i>		ssRNA-	2018	<i>Botrytis</i> sp	Sclerotiniaceae	<i>Botrytis</i>	**	FUNGI	Ascomycota	<i>Leotiomicetos</i>	<i>Helotiales</i>
	<i>Botrytidis botrytimonavirus</i>		ssRNA-	2020	<i>Botrytis</i> sp	Sclerotiniaceae	<i>Botrytis</i>	**	FUNGI	Ascomycota	<i>Leotiomicetos</i>	<i>Helotiales</i>
<i>Penicillimonavirus</i>	<i>Penicillimonavirus alphapenicillii</i>		ssRNA-	2020	Penicillium sp.	Trichocomaceae	penicillium	**	FUNGI	Ascomycota	<i>Eurotiomicetes</i>	<i>Eurotiales</i>
	<i>Penicillimonavirus alphaplasmoparae</i>		ssRNA-	2020	Penicillium sp.	Trichocomaceae	penicillium	**	FUNGI	Ascomycota	<i>Eurotiomicetes</i>	<i>Eurotiales</i>
	<i>Penicillimonavirus betapenicillii</i>		ssRNA-	2020	Penicillium sp.	Trichocomaceae	penicillium	**	FUNGI	Ascomycota	<i>Eurotiomicetes</i>	<i>Eurotiales</i>
	<i>Penicillimonavirus deltaplasmoparae</i>		ssRNA-	2020	Penicillium sp.	Trichocomaceae	penicillium	**	FUNGI	Ascomycota	<i>Eurotiomicetes</i>	<i>Eurotiales</i>
	<i>Penicillimonavirus épsilonplasmoparae</i>		ssRNA-	2020	Penicillium sp.	Trichocomaceae	penicillium	**	FUNGI	Ascomycota	<i>Eurotiomicetes</i>	<i>Eurotiales</i>
	<i>Penicillimonavirus etaplasmoparae</i>		ssRNA-	2020	Penicillium sp.	Trichocomaceae	penicillium	**	FUNGI	Ascomycota	<i>Eurotiomicetes</i>	<i>Eurotiales</i>
	<i>Penicillimonavirus gammaplasmopara</i>		ssRNA-	2020	Penicillium sp.	Trichocomaceae	penicillium	**	FUNGI	Ascomycota	<i>Eurotiomicetes</i>	<i>Eurotiales</i>
	<i>Penicillimonavirus kilnbarnense</i>		ssRNA-	2020	Penicillium sp.	Trichocomaceae	penicillium	**	FUNGI	Ascomycota	<i>Eurotiomicetes</i>	<i>Eurotiales</i>
	<i>Penicillimonavirus zetaplasmoparae</i>		ssRNA-	2020	Penicillium sp.	Trichocomaceae	penicillium	**	FUNGI	Ascomycota	<i>Eurotiomicetes</i>	<i>Eurotiales</i>
<i>Lentimonavirus</i>	<i>Lentimonavirus lentinulae</i>	11563 nt	ssRNA-	2019	<i>Lentinula</i> sp.	Marasmiaceae	<i>Lentinula</i> sp	LC466007	FUNGI	Basidiomycota	<i>Agaricomycetos</i>	<i>Agaricales</i>
<i>Sclerotimonavirus</i>	<i>Drop sclerotimonavirus</i>	9707 nt	ssRNA-	2015	Sclerotinia sclerotiorum	Sclerotinicaeae	<i>Sclerotinia</i> sp.	NC_043483	FUNGI	Ascomycota	<i>Leotiomicetos</i>	<i>Helotiales</i>

	<i>Glycine sclerotimonavirus (Sclerotimonavirus fusarii)</i>	9041 nt	ssRNA-	2015	Patógenos de raíz en cultivos de soja, <i>Sclerotinia sclerotiorum</i>	Sclerotinicaeae	<i>Sclerotinia</i> sp.	KT598225	FUNGI	Ascomycota	Leotiomycetes	Helotiales
	<i>Illinois sclerotimonavirus (Sclerotimonavirus illinoisense)</i>	7321 nt	ssRNA-	2015	<i>Sclerotinia sclerotiorum</i>	Sclerotinicaeae	<i>Sclerotinia</i> sp.	KT598227	FUNGI	Ascomycota	Leotiomycetes	Helotiales
	<i>Sclerotinia sclerotimonavirus (Sclerotimonavirus sclerotinae)</i>	10002 nt	ssRNA-	2015	<i>Sclerotinia sclerotiorum</i>	Sclerotinicaeae	<i>Sclerotinia</i> sp.	NC_025383	FUNGI	Ascomycota	Leotiomycetes	Helotiales
	<i>Sclerotinia homoeocarpa</i> TSA contig 1		ssRNA-	2020	<i>Sclerotinia sclerotiorum</i>	Sclerotinicaeae	<i>Sclerotinia</i> sp.	JW826636	FUNGI	Ascomycota	Leotiomycetes	Helotiales
	<i>Sclerotimonavirus alphaplasmoparae</i> (Myonavirus asociado a lesión de Plasmopara viticola 1-PvaMV-1)		ssRNA-	2020	<i>Sclerotinia sclerotiorum</i>	Sclerotinicaeae	<i>Sclerotinia</i> sp.	**	FUNGI	Ascomycota	Leotiomycetes	Helotiales
	<i>Esclerotimonavirus alternariae</i>		ssRNA-	2020	<i>Sclerotinia sclerotiorum</i>	Sclerotinicaeae	<i>Sclerotinia</i> sp.	**	FUNGI	Ascomycota	Leotiomycetes	Helotiales
	<i>Sclerotimonavirus betaclarireediae</i>		ssRNA-	2020	<i>Sclerotinia sclerotiorum</i>	Sclerotinicaeae	<i>Sclerotinia</i> sp.	**	FUNGI	Ascomycota	Leotiomycetes	Helotiales
	<i>Sclerotimonavirus betaplasmoparae</i>		ssRNA-	2020	<i>Sclerotinia sclerotiorum</i>	Sclerotinicaeae	<i>Sclerotinia</i> sp.	**	FUNGI	Ascomycota	Leotiomycetes	Helotiales
	<i>Botrytis por esclerotimonavirus</i>		ssRNA-	2020	<i>Sclerotinia sclerotiorum</i>	Sclerotinicaeae	<i>Sclerotinia</i> sp.	**	FUNGI	Ascomycota	Leotiomycetes	Helotiales
	<i>Esclerotimonavirus alphaclarireediae</i>		ssRNA-	2020	<i>Sclerotinia sclerotiorum</i>	Sclerotinicaeae	<i>Sclerotinia</i> sp.	**	FUNGI	Ascomycota	Leotiomycetes	Helotiales
	<i>Sclerotimonavirus terrae</i>		ssRNA-	2020	<i>Sclerotinia sclerotiorum</i>	Sclerotinicaeae	<i>Sclerotinia</i> sp.	**	FUNGI	Ascomycota	Leotiomycetes	Helotiales
Not assigned	<i>Sclerotinia sclerotiorum</i> negative-stranded RNA virus 10	9952 nt	ssRNA-	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646378	FUNGI	Ascomycota	Leotiomycetes	Helotiales

		<i>Sclerotinia sclerotiorum</i> negative-stranded RNA virus 9	9624 nt	ssRNA-	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646386	FUNGI	Ascomycota	Leotiomycetes	Helotiales
		<i>Sclerotinia sclerotiorum</i> negative-stranded RNA virus 1-WX	9963 nt	ssRNA-	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646384	FUNGI	Ascomycota	Leotiomycetes	Helotiales
		<i>Sclerotinia sclerotiorum</i> negative-stranded RNA virus 2-WX	9623 nt	ssRNA-	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646385	FUNGI	Ascomycota	Leotiomycetes	Helotiales
		<i>Sclerotinia sclerotiorum</i> negative-stranded RNA virus 11	9982 nt	ssRNA-	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646406	FUNGI	Ascomycota	Leotiomycetes	Helotiales
Phenuiviridae	<i>Lentivirus</i>	<i>Lentivirus lentivirus</i>	7082 nt	ssRNA-	2019	<i>Lentivirus</i> sp.	Marasmiaceae	<i>Lentivirus</i> sp.	LC466008	FUNGI	Basidiomycota	Agaricomycetes	Agaricales
Mitoviridae	<i>Mitovirus</i>	<i>Cryphonectria mitovirus 1</i>	2728 nt	dsRNA	1994	<i>Cryphonectria parasitica</i>	Cryphonectriaceae	<i>Cryphonectria</i>	NC_004046	FUNGI	Ascomycota	Sordariomycetes	Diaporthales
		<i>Mitovirus de Ophiostoma 4</i> , <i>Mitovirus de Ophiostoma 5</i> , <i>Mitovirus de Ophiostoma 6 e</i> <i>Mitovirus de Ophiostoma 3a</i>		dsRNA	2002, 2002, 2002, 2002	<i>Ophiostoma</i> sp.	Ophiostomataceae	<i>Ophiostoma</i>	**	FUNGI	Ascomycota	Sordariomycetes	Ophiostomatales
Polymycoviridae	<i>Polymycovirus</i>	<i>Aspergillus fumigatus</i> polymycovirus 1	1094 nt	dsRNA	2019	<i>Aspergillus fumigatus</i>	Aspergillaceae	<i>Aspergillus</i>	NC_040418	FUNGI	Ascomycota	Eurotiomycetes	Eurotiales
		<i>Aspergillus spelaus</i> polymycovirus 1	2384 nt	dsRNA	2019	<i>Aspergillus spelaus</i>	Aspergillaceae	<i>Aspergillus</i>	MG887754	FUNGI	Ascomycota	Eurotiomycetes	Eurotiales
		<i>Beauveria bassiana</i> polymycovirus 1	2260 nt	dsRNA	2019	<i>Beauveria bassiana</i>	Cordycipitaceae	<i>Beauveria</i>	NC_034257	FUNGI	Ascomycota	Sordariomycetes	Hypocreales
		<i>Botryosphaeria dothidea</i> virus 1	2397 nt	dsRNA	2019	<i>Botryosphaeria dothidea</i>	Botryosphaeriaceae	<i>Botryosphaeria</i>	NC_033476	FUNGI	Ascomycota	Dothideomycetes	Botryosphaeriales
		<i>Cladosporium cladosporioides</i> polymycovirus 1		dsRNA	2019	<i>Cladosporium</i> sp.	Cladosporiaceae	<i>Cladosporium</i>	**	FUNGI	Ascomycota	Dothideomycetes	Cladosporiales

		<i>Colletotrichum camelliae polymycovirus 1</i>		dsRNA	2019	<i>Colletotrichum camelliae</i>	Glomerellaceae	<i>Colletotrichum</i>	**	FUNGI	Ascomycota	Sordariomycetes	Glomerellales
		<i>Fusarium redolens polymycovirus 1</i>	2470 nt	dsRNA	2019	<i>Fusarium redolens</i>	Nectriaceae	<i>Fusarium</i>	MK609920	FUNGI	Ascomycota	Sordariomycetes	Hypocreales
		<i>Magnaporthe oryzae polymycovirus 1</i>	2364 nt	dsRNA	2019	<i>Pyricularia oryzae</i>	Pyriculariaceae	<i>Pyricularia</i>	MW752175	FUNGI	Ascomycota	Sordariomycetes	Magnaporthales
		<i>Penicillium digitatum polymycovirus 1</i>	2382 nt	dsRNA	2016	<i>Penicillium digitatum</i>	Aspergillaceae	<i>Penicillium</i>	NC_040422	FUNGI	Ascomycota	Eurotiomycetes	Eurotiales
		<i>Penicillium brevicompactum polymycovirus 1</i>	2400 nt	dsRNA	2019	<i>Penicillium brevicompactum</i>	Aspergillaceae	<i>Penicillium</i>	MG887750	FUNGI	Ascomycota	Eurotiomycetes	Eurotiales
Quadriviridae	<i>Quadrivir</i>	<i>Rosellinia necatrix quadrivirus 1</i>	4942 nt	dsRNA	2012	<i>Rosellinia necatrix</i>	Xylariaceae	<i>Rosellinia</i>	NC_016757	FUNGI	Ascomycota	Sordariomycetes	Xylariales
Megabirnaviridae	<i>Megabirnavirus</i>	<i>Rosellinia necatrix megabirnavirus 1</i>	7180 nt	dsRNA	2009	<i>Rosellinia necatrix</i>	Xylariaceae	<i>Rosellinia</i>	NC_013463	FUNGI	Ascomycota	Sordariomycetes	Xylariales
Botourmiaviridae	<i>Botoulivirus</i>	<i>Botrytis botoulivirus</i>	2903 nt	ssRNA	2015	<i>Botrytis</i> sp., <i>Botrytis cinerea</i>	Sclerotiniaceae	<i>Botrytis</i>	NC_028476	FUNGI	Ascomycota	Leotiomyces	Helotiales
		<i>Sclerotinia botoulivirus 2 y Sclerotinia botoulivirus 3</i>	2333 nt	ssRNA	2015, 2020	<i>Sclerotinia</i> sp.	Sclerotiniaceae	<i>Sclerotinia</i>	KP900929	FUNGI	Ascomycota	Leotiomyces	Helotiales
		<i>Magnaporthe magoulivirus 1</i>	2364 nt	ssRNA	2016	<i>Magnaporthe</i> sp., <i>Pyricularia oryzae</i>	Magnaporthaceae	<i>Magnaporthe</i>	NC_043683	FUNGI	Ascomycota	Sordariomycetes	Magnaporthales
	<i>Magoulivirus</i>	<i>Cladosporium magoulivirus 1 y Cladosporium magoulivirus 2</i>		dsRNA	2019	<i>Cladosporium</i>	Cladosporiaceae	<i>Cladosporium</i>	**	FUNGI	Ascomycota	Dothideomycetes	Cladosporiales
		<i>Magnaporthe magoulivirus 1</i>	2364 nt	ssRNA	2018	<i>Pyricularia oryzae</i>	Pyriculariaceae	<i>Pyricularia</i>	NC_043683	FUNGI	Ascomycota	Sordariomycetes	Magnaporthales
		<i>Penicillium magoulivirus</i>		ssRNA	2020	<i>Penicillium</i>	Aspergillaceae	<i>Penicillium</i>	**	FUNGI	Ascomycota	Eurotiomycetes	Eurotiales
		<i>Phaeoacremonium magoulivirus</i>		ssRNA	2020				**	FUNGI			
		<i>Rhizoctonia magoulivirus 1</i>	2792 nt	ssRNA	2015	<i>Rhizoctonia solani</i>	Agonomycetaceae	<i>Rhizoctonia</i>	KP900921	FUNGI	Basidiomycota	Agaricomycetes	Cantharellales

Penoulivirus	<i>Aspergillus penoulivirus</i>		ssRNA	2020	<i>Aspergillus</i>	Aspergillaceae		**	FUNGI			
	<i>Cladosporium penoulivirus</i>		dsRNA	2020	<i>Cladosporium</i>	Cladosporiaceae	<i>Cladosporium</i>	**	FUNGI	Ascomycota	Dothideomycetes	Cladosporiales
	<i>Magnaporthe penoulivirus</i>		ssRNA	2020	Pyricularia oryzae	Pyriculariaceae	<i>Pyricularia</i>	**	FUNGI	Ascomycota	Sordariomycetes	Magnaporthales
	<i>Epicoccum penoulivirus</i>		ssRNA	2020	<i>Epicoccum</i> sp.	Didymellaceae	<i>Epicoccum</i>	**	FUNGI	Ascomycota	Dothideomycetes	Pleosporales
	<i>Neofusicoccum penoulivirus</i>		ssRNA	2020	<i>Neofusicoccum</i> sp.	Botryosphaeriaceae	<i>Neofusicoccum</i>	**	FUNGI	Ascomycota	Dothideomycetes	Botryosphaeriales
	<i>Phaeoacremonium penoulivirus</i>		ssRNA	2020	<i>Phaeoacremonium</i> sp.	Valsaceae	<i>Phaeoacremonium</i>	**	FUNGI	Ascomycota	Sordariomycetes	Togniniales
	<i>Phoma penoulivirus</i>		ssRNA	2020	<i>Phoma</i> sp.	Didymellaceae	<i>Phoma</i>	**	FUNGI	Ascomycota	Dothideomycetes	Pleosporales
	<i>Phomopsis penoulivirus</i>		ssRNA	2020	<i>Phomopsis</i>	Valsaceae	<i>Phomopsis</i>	**	FUNGI	Ascomycota	Sordariomycetes	Diaporthales
	<i>Pyricularia penoulivirus</i>		ssRNA	2020	Pyricularia oryzae	Pyriculariaceae	<i>Pyricularia</i>	**	FUNGI	Ascomycota	Sordariomycetes	Magnaporthales
	<i>Sclerotinia penoulivirus</i>		ssRNA	2020	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	**	FUNGI	Ascomycota	Leotiomycetes	Helotiales
	<i>Penicillium penoulivirus</i>		ssRNA	2020	<i>Penicillium</i>	Aspergillaceae	<i>Penicillium</i>	**	FUNGI	Ascomycota	Eurotiomycetes	Eurotiales
Rhizoulivirus	<i>Rhizoctonia rhizoulivirus</i>		ssRNA	2020	<i>Rhizoctonia</i> sp.	Ceratobasidiaceae	<i>Rhizoctonia</i>	**	FUNGI	Basidiomycota	Agaricomycetes	Cantharellales
Escleroulivirus	<i>Scleroulivirus de cladosporium</i>		ssRNA	2020	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	**	FUNGI	Ascomycota	Leotiomycetes	Helotiales
	<i>Pyricularia scleroulivirus 2 e Pyricularia scleroulivirus 3</i>		ssRNA	2020	Pyricularia oryzae	Pyriculariaceae	<i>Pyricularia</i>	**	FUNGI	Ascomycota	Sordariomycetes	Magnaporthales
	<i>Sclerotinia scleroulivirus 1</i>	3180 nt	ssRNA	2015	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	KP900928	FUNGI	Ascomycota	Leotiomycetes	Helotiales
Not assigned	<i>Sclerotinia sclerotiorum ourmia-like virus 5</i>	2910 nt	ssRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646370	FUNGI	Ascomycota	Leotiomycetes	Helotiales
	<i>Sclerotinia sclerotiorum ourmia-like virus 6</i>	2602 nt	ssRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646372	FUNGI	Ascomycota	Leotiomycetes	Helotiales

		<i>Sclerotinia sclerotiorum ourmia-like virus 7</i>	3848 nt	ssRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646365	FUNGI	Ascomycota	Leotiomicetes	Helotiales
		<i>Sclerotinia sclerotiorum ourmia-like virus 8</i>	2016 nt	ssRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646373	FUNGI	Ascomycota	Leotiomicetes	Helotiales
		<i>Sclerotinia sclerotiorum ourmia-like virus 9</i>	1989 nt	ssRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646374	FUNGI	Ascomycota	Leotiomicetes	Helotiales
		<i>Sclerotinia sclerotiorum ourmia-like virus 10</i>	2888 nt	ssRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646379	FUNGI	Ascomycota	Leotiomicetes	Helotiales
		<i>Sclerotinia sclerotiorum ourmia-like virus 11</i>	2968 nt	ssRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646400	FUNGI	Ascomycota	Leotiomicetes	Helotiales
		<i>Sclerotinia sclerotiorum ourmia-like virus 12</i>	2498 nt	ssRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646377	FUNGI	Ascomycota	Leotiomicetes	Helotiales
		<i>Sclerotinia sclerotiorum ourmia-like virus 13</i>	2831 nt	ssRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646375	FUNGI	Ascomycota	Leotiomicetes	Helotiales
		<i>Sclerotinia sclerotiorum ourmia-like virus 14</i>	3368 nt	ssRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646410	FUNGI	Ascomycota	Leotiomicetes	Helotiales
		<i>Sclerotinia sclerotiorum ourmia-like virus 15</i>	3210 nt	ssRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646399	FUNGI	Ascomycota	Leotiomicetes	Helotiales
		<i>Sclerotinia sclerotiorum ourmia-like virus 16</i>	2416 nt	ssRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646382	FUNGI	Ascomycota	Leotiomicetes	Helotiales
		<i>Sclerotinia sclerotiorum ourmia-like virus 5</i>	2823 nt	ssRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT706022	FUNGI	Ascomycota	Leotiomicetes	Helotiales
Rhabdoviridae	Not assigned	<i>Sclerotinia sclerotiorum rhabdovirus 1</i>	11356 nt	ssRNA -	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT706019	FUNGI	Ascomycota	Leotiomicetes	Helotiales
Bovinebarnavirus	Not assigned	<i>Sclerotinia sclerotiorum bovinebarnavirus 1 - SCH941</i>	6457 nt	dsRNA	2015	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	NC_027138	FUNGI	Ascomycota	Leotiomicetes	Helotiales
		<i>Sclerotinia sclerotiorum bovinebarnavirus 2 - AH16</i>	6159 nt	dsRNA	2016	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	KT962972	FUNGI	Ascomycota	Leotiomicetes	Helotiales
		<i>Sclerotinia sclerotiorum bovinebarnavirus 3- SZ150</i>	6212 nt	dsRNA	2018	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MK530703	FUNGI	Ascomycota	Leotiomicetes	Helotiales

		<i>Sclerotinia sclerotiorum</i> botybirnavirus 1-WX	6469 nt	dsRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646397	FUNGI	Ascomycota	Leotiomycetes	Helotiales
		<i>Sclerotinia sclerotiorum</i> botybirnavirus 2-WX	6119 nt	dsRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646423	FUNGI	Ascomycota	Leotiomycetes	Helotiales
		<i>Sclerotinia sclerotiorum</i> botybirnavirus 3-WX	6201 nt	dsRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646418	FUNGI	Ascomycota	Leotiomycetes	Helotiales
		<i>Sclerotinia sclerotiorum</i> botybirnavirus 4	6414 nt	dsRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646360	FUNGI	Ascomycota	Leotiomycetes	Helotiales
		<i>Sclerotinia sclerotiorum</i> botybirnavirus 3 S1	6214 nt	dsRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT829323	FUNGI	Ascomycota	Leotiomycetes	Helotiales
		<i>Sclerotinia sclerotiorum</i> botybirnavirus 3 S2	12631 nt	dsRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT829324	FUNGI	Ascomycota	Leotiomycetes	Helotiales
<i>Tymoviridae</i>	Not assigned	<i>Sclerotinia sclerotiorum</i> mycotymovirus 1-WX	7320 nt	ssRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646427	FUNGI	Ascomycota	Leotiomycetes	Helotiales
		<i>Sclerotinia sclerotiorum</i> mycotymovirus 1	6414 nt	ssRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MK530705	FUNGI	Ascomycota	Leotiomycetes	Helotiales
<i>Fusagranitidae</i>	Not assigned	<i>Sclerotinia sclerotiorum</i> fusagravirus 1	9018 nt	dsRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646357	FUNGI	Ascomycota	Leotiomycetes	Helotiales
		<i>Sclerotinia sclerotiorum</i> fusagravirus 2	9001 nt	dsRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646358	FUNGI	Ascomycota	Leotiomycetes	Helotiales
		<i>Sclerotinia sclerotiorum</i> dsRNA mycovirus-L-WX1	9095 nt	dsRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646387	FUNGI	Ascomycota	Leotiomycetes	Helotiales
		<i>Sclerotinia sclerotiorum</i> dsRNA mycovirus-L-WX2	9097 nt	dsRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646415	FUNGI	Ascomycota	Leotiomycetes	Helotiales
<i>Sclerobunyaviridae</i>	Not assigned	<i>Sclerotinia sclerotiorum</i> bunyavirus 1		ssRNA-	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	**	FUNGI	Ascomycota	Leotiomycetes	Helotiales
		<i>Sclerotinia sclerotiorum</i> bunyavirus 2	8062 nt	ssRNA-	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646359	FUNGI	Ascomycota	Leotiomycetes	Helotiales
		<i>Sclerotinia sclerotiorum</i> bunyavirus 3	7707 nt	ssRNA-	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646391	FUNGI	Ascomycota	Leotiomycetes	Helotiales

Sclerotinia sclerotiorum umbra-like virus 3-WX2	3945 nt	ssRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646364	FUNGI	Ascomycota	Leotiomicetes	Helotiales
Hubei sclerotinia RNA virus 1-WX	4222 nt	ssRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646396	FUNGI	Ascomycota	Leotiomicetes	Helotiales
Sclerotinia sclerotiorum RNA virus L-WX	2746 nt	ssRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646376	FUNGI	Ascomycota	Leotiomicetes	Helotiales
Sclerotinia sclerotiorum fusarivirus 2	6281 nt	ssRNA	2021	<i>Sclerotinia sclerotiorum</i>	Sclerotiniaceae	<i>Sclerotinia</i>	MT646393	FUNGI	Ascomycota	Leotiomicetes	Helotiales
Penicillium miczynskii RNA virus 1	2891 nt	dsRNA	2019	Penicillium miczynskii	Trichocomaceae	Penicillium	MK584820	FUNGI	Ascomycota	Eurotiomycetes	Eurotiales
Fusarium culmorum virus 1	2898 nt	dsRNA	2020	Fusarium culmorum	Nectriaceae	<i>Fusarium</i>	MN187541	FUNGI	Ascomycota	Sordariomycetes	Hypocreales

** Without access to GenBank

Supplementary Table S2. Mycoviruses genomic information: genome size, ORF prediction, conserved domains, and probable genetic code.

Family	Genome size (Kb)	Segments	Genes that encode	Reference studies	Genome type	Reference
<i>Partitiviridae</i>	3 - 4.8	2	RdRp, CP	Biocontrol Vainio et al., 2017	dsRNA	Nibert et al., 2013
<i>Chrysoviridae</i>	8.9 - 16	4	RdRp, CP, P3, P5	Associated with hypovirulence, application not developed. Ejmal et al., 2018; Jamal et al., 2010; Torres-Trenas et al., 2019	dsRNA	Kotta-Loizou & Coutts, 2017
<i>Hypoviridae</i>	9 - 13	1	RdRp	Associated with hypovirulence, application not developed. Choi et al., 2012	ssRNA+	Picarelli et al., 2019
<i>Reoviridae</i>	18,2 - 30,5	10 - 12	Vp1 pol, VP2, VP3, VP4, NSp1, VP6, NSp3, NSp2, VP7, NSp4, NSp5	Study of proteins associated with signs Kanematsu et al., 2010	dsRNA	J. Wang et al., 2015
<i>Totiviridae</i>	4,6 - 7	1	RdRp, CP	protein study Chiba et al., 2013; Kotta-Loizou et al., 2020; Lukša et al., 2017	dsRNA	Kartali et al., 2019
<i>Endornaviridae</i>	14 - 17,6	1	RdRp	transmission mechanisms Revill et al., 1994	dsRNA	Rossmann et al., 2021
<i>Alphaflexiviridae</i>	5,5 - 9	1	RdRp, CP, TGB1, TGB3	N/A	ssRNA+	Kreuze et al., 2020
<i>Betaflexiviridae</i>	6,5 - 9	1	RdRp, CP, TGB1, TGB3	N/A	ssRNA+	Kreuze et al., 2020
<i>Gammaflexiviridae</i>	6,8	1	RdRp, CP	N/A	ssRNA+	Picarelli et al., 2019
<i>Deltaflexiviridae</i>	6 - 8	1	RdRp, poliproteinas	N/A	ssRNA+	Hamid et al., 2018
<i>Barnaviridae</i>	4	1	RdRp, CP, poliproteinas	N/A	ssRNA+	Marzano et al., 2016
<i>Narnaviridae</i>	2,5 - 2,9	1	RdRp	N/A	ssRNA+	Marzano et al., 2016
<i>Pseudoviridae</i>	--	1	--	N/A	ssRNA+	Koch et al., 2021
<i>Metaviridae</i>	3 - 15	1	RdRp, CP, NC	N/A	ssDNA+	Jacquat et al., 2020
<i>Mymonaviridae</i>	10	1	poliproteinas	transmission mechanisms Magae, 2012	ssRNA-	Picarelli et al., 2019
<i>Phenuiviridae</i>	1,7 - 6,4	3	N, NS, poliproteinas	N/A	ssRNA-+	Guo et al., 2021
<i>Quadriviridae</i>	16,8	4	P2, RdRp, P4	N/A	dsRNA	Picarelli et al., 2019

Megabirnaviridae	7 - 9	2	CP, RdRp	N/A	dsRNA	Sato et al., 2019
Botourmiaviridae	23,8	1 - 2	CP, RdRp	N/A	ssRNA+	Linnakoski et al., 2021
Rhabdoviridae	11 - 15	2	poliproteinas	N/A	ssRNA -	Walker et al., 2018; Mu et al., 2021
Tymoviridae	6 - 7,5	1	poliprotein	MA	ssRNA+	Martelli et al., 2002
<i>Amalgaviridae</i>	--	--	--	N/A	dsRNA	Zhu et al., 2021
<i>Curvulaviridae</i>	--	--	--	N/A	dsRNA	Zhu et al., 2021
<i>Mitoviridae</i>	--	--	--	N/A	dsRNA	Jacquat et al., 2020
Botybirnavirus	--	--	--	NA	dsRNA	Ruiz-Padilla et al., 2021
Fusagraviridae	--	--	--	NA	dsRNA	Jacquat et al., 2020
Sclerobunyaviridae	--	--	--	NA	ssRNA-	Sutela et al., 2020
<i>Polymycoviridae</i>	--	--	--	N/A	dsRNA	Zhu et al., 2021
Mycoaspiviridae	--	--	--	NA	ssRNA-	Rumbou et al., 2021
Genomoviridae	2.17	1	CP, polyprotein	NA	ssDNA	Fu et al., 2022

** RdRp – RNA-dependent RNA Polymerase; CP – Capsid Protein, NC – Nucleocapside, P3 – polymerase, P5 – promoting region, Vp1 pol, polymerase RdRp; VP2 – capsular protein; VP3 – nucleus capsid,- VP4- enzyme (guanylyl-transferase); NSp1, non-structural (associated with microtubule formation); VP6 - Helicase, NTPase NSp3 - variable proteins (associated with virulence); NSp2 - RNA binding associated with the outer capsid; VP7 – formation of the nucleus; NSp4 - transmembrane glycoprotein NSp5- microtubule formation; TGB1 – β b; TGB3 - β c (associated with the membrane); N – Nucleocapside; NS - non-structural proteins

Supplementary Table S3. Information about phytopathogenic fungal species described to be infected by viruses and their hosts.

Fungal Family	Fungal specie	Plant	Author
<i>Meruliaceae</i>	<i>Chondrostereum purpureum</i>	Rose	Francia., et al 2017
<i>Meruliaceae</i>	<i>Chondrostereum purpureum</i>	Plum	Bus., et al 1998
<i>Meruliaceae</i>	<i>Chondrostereum purpureum</i>	Cherry	Børve J., et al 2017
<i>Meruliaceae</i>	<i>Chondrostereum purpureum</i>	Peach	Grinbergs., et all 2021
<i>Meruliaceae</i>	<i>Chondrostereum purpureum</i>	Apple tree	Ozgonen H., et al 2006
<i>Meruliaceae</i>	<i>Chondrostereum purpureum</i>	Almond	Grinbergs., et all 2020
<i>Platyglloeaceae</i>	<i>Helicobasidium mompa</i>	Potato	Hong., et al 2011
<i>Bondarzewiaceae</i>	<i>Heterobasidion</i> sp., <i>Heterobasidion ecrustosum</i> , <i>Heterobasidion annosum</i> , <i>Heterobasidion parviporum</i> .	Conifers	Yuan., et al 2021
<i>Bondarzewiaceae</i>	<i>Heterobasidion</i> sp., <i>Heterobasidion ecrustosum</i> , <i>Heterobasidion annosum</i> , <i>Heterobasidion parviporum</i> .	Firs	Yuan., et al 2022
<i>Xylariaceae</i>	<i>rosellinia necatrix</i>	Lenhosous species	Pliego., et al 2012
<i>Xylariaceae</i>	<i>rosellinia necatrix</i>	Semi-woody species	Pliego., et al 2012
<i>Xylariaceae</i>	<i>rosellinia necatrix</i>	Ornamental species	Pliego., et al 2012
<i>Clavivipitaceae</i>	<i>Atkinsonella hypoxylon</i>	Pastures	Clay K. 1984
<i>Clavivipitaceae</i>	<i>Atkinsonella hypoxylon</i>	Junco	Clay K. 1984
<i>Ceratocystidaceae</i>	<i>Endoconidiophora resinifera</i>	Conifers	Zubaer., et al 2018
<i>Nectriaceae</i>	<i>Fusarium poae</i>	Cereal	Gil-Serna., et al 2014
<i>Agonomisetaceae</i>	<i>Rhizoctonia solani</i>	Cereal	Wallon., et al 2020
<i>Agonomisetaceae</i>	<i>Rhizoctonia solani</i>	Vegetables	Kuramae., et al 2003
<i>Agonomisetaceae</i>	<i>Rhizoctonia solani</i>	Coffee	Kuramae., et al 2004
<i>Valseaceae</i>	<i>Discula destructiva</i>	Dogwood trees	Mantooth et al, 2017
<i>Nectriaceae</i>	<i>Fusarium solani</i> , <i>haematococca</i> , <i>fusarium silvicola</i>	Conifers	Šišić et al, 2018
<i>Helotiaceae</i>	<i>Gremmeniella abietina</i>	Conifers	Botella and hantula, 2018
<i>Trichocomaceae</i>	<i>Penicillium stoloniferum</i> , <i>penicillium brevicompactum</i> , <i>aspergillus ochraceus</i>	Apples	Detroy and still, 1974
<i>Trichocomaceae</i>	<i>Penicillium stoloniferum</i> , <i>penicillium brevicompactum</i> , <i>aspergillus ochraceus</i> , <i>Aspergillus fumigatus</i>	Mushrooms	Detroy and still, 1974
<i>Trichocomaceae</i>	<i>Penicillium stoloniferum</i> , <i>penicillium brevicompactum</i> , <i>aspergillus ochraceus</i> , <i>Aspergillus fumigatus</i>	Ginger	Detroy and still, 1974

Fungal Family	Fungal specie	Plant	Author
<i>Trichocomaceae</i>	<i>Penicillium stoloniferum, penicillium brevicompactum, aspergillus ochraceus , Aspergillus fumigatus</i>	Avocado	Detroy and still, 1974
<i>Glomerellaceae</i>	<i>Colletotrichum gloeosporioides</i>	Quercus	Choub et al 2021
<i>Glomerellaceae</i>	<i>Colletotrichum gloeosporioides</i>	Cassava	Choub et al 2021
<i>Glomerellaceae</i>	<i>Colletotrichum gloeosporioides</i>	Peach	Liang et al 2021
<i>Glomerellaceae</i>	<i>Colletotrichum gloeosporioides</i>	Pear	Wang et al 2021
<i>Glomerellaceae</i>	<i>Colletotrichum gloeosporioides</i>	Auchuba	Liang et al 2021
<i>Glomerellaceae</i>	<i>Colletotrichum gloeosporioides</i>	Papaya	Wang et al 2021
<i>Glomerellaceae</i>	<i>Colletotrichum gloeosporioides</i>	Melon	Liang et al 2021
<i>Glomerellaceae</i>	<i>Colletotrichum gloeosporioides</i>	Tobacco	Choub et al 2021
<i>Cryphonectriaceae</i>	<i>Cryphonectria nitschkei</i>	Bulbs	shahi et al 2020
<i>Cryphonectriaceae</i>	<i>Cryphonectria nitschkei</i>	Tomato	shahi et al 2020
<i>Cryphonectriaceae</i>	<i>Cryphonectria nitschkei</i>	Carnation	shahi et al 2020
<i>Cryphonectriaceae</i>	<i>Cryphonectria nitschkei</i>	Chrysanthemums	shahi et al 2020
<i>Nectriaceae</i>	<i>Fusarium oxysporum</i>	Wheat	Jangir et al 2021
<i>Nectriaceae</i>	<i>Fusarium oxysporum</i>	Oatmeal	Jangir et al 2021
<i>Nectriaceae</i>	<i>Fusarium oxysporum</i>	Corn	Jangir et al 2021
<i>Pleosporaceae</i>	<i>Helminthosporium victoriae</i>	Cereal	Soldevila and Ghabrial, 2000
<i>Pleosporaceae</i>	<i>Helminthosporium victoriae</i>	Tomato	Li et al 2011
<i>Pleosporaceae</i>	<i>Helminthosporium victoriae</i>	Wheat	Huang and Ghabrial, 1996
<i>Pleosporaceae</i>	<i>Helminthosporium victoriae</i>	Papaya	Soldevila and Ghabrial, 2000
<i>Botryosphaeriaceae</i>	<i>Macrophomina phaseolina</i>	, SesameMani, Cabbage, Pepper, Chickpea, Soy, Sunflower, Sweet Potato, Alfalfa, Potato, Tomato	Marquez et al 2021
<i>Incertae</i>	<i>Verticillium Dahliae, Fusarium graminearum, Fuarium oxysporum</i>	Sunflower	Martin-Sanz et al 2018
<i>Incertae</i>	<i>Verticillium Dahliae, Fusarium graminearum, Fuarium oxysporum</i>	Cauliflower	Bhat and Subbarao, 1999
<i>Incertae</i>	<i>Verticillium Dahliae, Fusarium graminearum, Fuarium oxysporum</i>	Cotton	Li et al 2019
<i>Incertae</i>	<i>Verticillium Dahliae, Fusarium graminearum, Fuarium oxysporum</i>	Lettuce	Woolliams, 1966
<i>Incertae</i>	<i>Verticillium Dahliae, Fusarium graminearum, Fuarium oxysporum</i>	Olive	Jiménez-Ruiz et al 2019

Fungal Family	Fungal specie	Plant	Author
<i>Incertae</i>	<i>Verticillium Dahliae, Fusarium graminearum, Fuarium oxysporum</i>	Potato	Song et al 2020
<i>Incertae</i>	<i>Verticillium Dahliae, Fusarium graminearum, Fuarium oxysporum</i>	Tobacco	Song et al 2020
<i>Incertae</i>	<i>Verticillium Dahliae, Fusarium graminearum, Fuarium oxysporum</i>	Tomato	Acharya et al 2020
<i>Melanconidaceae</i>	<i>Coniella diplodiella</i>	Grape	Liu et al 2020
<i>Pleosporaceae</i>	<i>alternaria alternata</i>	Tomato, Wheat, Papaya	López Couso et al 2021
<i>Magnaporthaceae</i>	<i>Magnaporthe oryzae</i>	Rice	Sella et al 2021
<i>Botryosphaeriaceae</i>	<i>Neofusicoccum parvum</i>	Grape, Mango, Olive, Eucalyptus, Maple, Oak	Leal et al 2021
<i>Typhulaceae</i>	<i>Sclerotium hydrophilum</i>	Rice	Gutiérrez, 2007
<i>Sclerotiniaceae</i>	<i>Sclerotinia sclerotiorum</i>	Potato, Beans, Lettuce, Tomato, Celery, Cauliflower, Cabbage, Carrot, Grape	Xia et al 2020
<i>Cryphonectriaceae</i>	<i>Cryphonectria parasitica</i>	Quercus	Rigling and Prospero, 2018
<i>Ustilaginaceae</i>	<i>Ustilago maydis</i>	Corn	Kretschmer et al 2017
<i>Ceratocystidaceae</i>	<i>Berkeleyomyces basicola</i>	Alfalfa	Gonçalves Silva et al 2021
<i>Ceratocystidaceae</i>	<i>Berkeleyomyces basicola</i>	African daisy, Carrot, Chickpea, Citrus, Catton, Curcubetaceae, Line, Geranium, Lentils, Green peas, Peanut, Poinsettia, Red clover, Tobacco, Tomato, Verbena	Trojak-Goluch et al 2016
<i>Pleosporaceae</i>	<i>Bipolaris victoriae</i>	Cereal	García-León et al 2013
<i>Botryosphaeriaceae</i>	<i>Diplodia sapinea</i>	Conifers	Van der Nest et al 2014
<i>Erysiphaceae</i>	<i>Golovinomyces cichoracearum</i>	Melon	Delhey et al 2003
<i>Erysiphaceae</i>	<i>Golovinomyces cichoracearum</i>	Cucumber	Cortez, 2008
<i>Erysiphaceae</i>	<i>Golovinomyces cichoracearum</i>	Pumpkin	Delhey et al 2004
<i>Pleosporaceae</i>	<i>Alternaria brassicicola</i>	Chinese cabbage, Pak choi	Calmes et al 2015
<i>Nectriaceae</i>	<i>Fusarium redolens</i>	Wheat, Barley	Ölmez and Tunali, 2019
<i>Marasmiaceae</i>	<i>Moniliophthora sp.</i>	Cocoa	Barbosa et al 2018
<i>Davidiellaceae</i>	<i>Phoma sp.</i>	Tomato	Chen et al 2015
<i>Davidiellaceae</i>	<i>Cladosporium fulvum</i>	Tomato	Wit et al 2012
<i>Botryosphaeriaceae</i>	<i>Botryosphaeria dothidea</i>	Grape, Mango, Olive, Eucalyptus, Maple, Oak	Dong and Gou, 2020

Fungal Family	Fungal specie	Plant	Author
<i>Glomerellaceae</i>	<i>Colletotrichum camelliae</i>	Tea	Wang et al 2016
<i>Botryosphaeriaceae</i>	<i>Neofusicoccum sp</i>	Eucalyptus	Marais et al 2021
<i>Glomerellacea</i>	<i>Colletotrichum higginsianum</i>	Arabidopsis	Korn et al 2015