

Crop	Partner/ESR	Viral family	Viral genus	Viral species	New virus (Y/N)	Novel virus (Y/N)	Country(ies)	Year(s)
Carrot	ESR7	Amalgaviridae	Amalgavirus	Carrot amalgavirus 1		Y	France	2019, 2020
Carrot	ESR7/ESR9	Amalgaviridae	Amalgavirus	Carrot amalgavirus 2	Y		Spain	2021
Carrot	ESR1/ESR7	Betaflexiviridae	Chordovirus	Carrot chordovirus 1	Y		France, UK	2019, 2020
Carrot	ESR1/ESR7	Betaflexiviridae	Chordovirus	Carrot chordovirus 2	Y		France, UK	2019, 2020
Carrot	ESR7	Betaflexiviridae	Chordovirus	Carrot chordovirus 3		Y	France	2020
Carrot	ESR7	Betaflexiviridae	Chordovirus	Carrot chordovirus 4		Y	France	2020
Carrot	ESR7	Betaflexiviridae	Vitivirus	Carrot vitivirus 1		Y	France	2020
Carrot	ESR7	Bromoviridae	Iilarvirus	Solanum nigrum ilarvirus 1	Y		France	2020
Carrot	ESR1/ESR7	Closteroviridae	Closterovirus	Carrot closterovirus	Y		UK, France	2020
Carrot	ESR7	Closteroviridae	Closterovirus	Carrot closterovirus 2		Y	France	2019, 2020
Carrot	ESR7	Closteroviridae	Closterovirus	Carrot closterovirus 3		Y	France, Spain	2020, 2021
Carrot	ESR1/ESR7	Closteroviridae	Closterovirus	Carrot yellow leaf virus	Y		UK, France	2019, 2020
Carrot	ESR7	Endornaviridae	Alphaendornaviridae	Carrot endornavirus 1	Y		France	2020
Carrot	ESR7	Partitiviridae	Alphapartitivirus	Carrot cryptic virus	Y		France	2019, 2020
Carrot	ESR7	Partitiviridae	Betapartitivirus	Dill cryptic virus 2	Y		France	2019, 2020
Carrot	ESR7	Partitiviridae	Deltapartitivirus	Carrot cryptic virus 2		Y	France	2019, 2020
Carrot	ESR7/ESR9	Partitiviridae	Deltapartitivirus	Carrot cryptic virus 3		Y	Spain	2021
Carrot	ESR7	Reoviridae	Reovirus	Carrot reovirus 1		Y	France	2020
Carrot	ESR7	Reoviridae	Reovirus	Carrot reovirus 2		Y	France	2020
Carrot	ESR1	Secoviridae	Sequivirus	Carrot necrotic dieback virus	Y		UK	2020
Carrot	ESR1/ESR7	Secoviridae	Torradovirus	Carrot torradovirus	Y		UK, France	2019, 2020
Carrot	ESR7	Solemoviridae	Polerovirus	Carrot polerovirus 1		Y	France	2019, 2020
Carrot	ESR7	Solemoviridae	Polerovirus	Carrot polerovirus 2		Y	France	2019, 2020
Carrot	ESR1/ESR7	Solemoviridae	Polerovirus	Carrot red leaf virus	Y		UK, France	2019, 2020
Carrot	ESR1	Solemoviridae	Polerovirus	Turnip yellows virus	Y		UK	2020
Carrot	ESR1/ESR7	Solemoviridae	Polerovirus	Wild carrot red leaf virus	Y		UK, France	2019, 2020
Carrot	ESR7	Solemoviridae	Enamovirus	Carrot enamovirus 1		Y	France	2019, 2020
Carrot	ESR7	Tombusviridae	Umbravirus	Carrot mottle mimic virus	Y		France	2019, 2020
Carrot	ESR7	Tombusviridae	Umbravirus	carrot umbravirus 1		Y	France	2019, 2020
Carrot	ESR7	Tombusviridae	Umbravirus	carrot umbravirus 2		Y	France	2019, 2020
Carrot	ESR7	Tombusviridae	Umbravirus	carrot umbravirus 3		Y	France	2019, 2020

Carrot	ESR1/ESR7	Tombusviridae	Umbravirus	Carrot mottle virus	Y		UK, France	2019, 2020
Carrot	ESR1/ESR7	Tombusviridae	Umbravirus	Wild carrot mottle virus	Y		UK, France	2019, 2020
Carrot	ESR7	Totiviridae	Totivirus	Carrot associated toti-like virus		Y	France	2020
Carrot	ESR7	unclassified	Tombus-like associated RNA	Arracacha latent virus E associated RNA	Y		France	2019, 2020
Carrot	ESR1/ESR7	unclassified	Tombus-like associated RNA	Beet western yellows virus associated RNA	Y		UK, France	2019, 2020
Carrot	ESR7	unclassified	Tombus-like associated RNA	Carrot red leaf virus associated RNA	Y		France	2019, 2020
Carrot	ESR7	unclassified	Tombus-like associated RNA	Carrot red leaf virus associated RNA 2		Y	France	2019, 2020
Carrot	ESR7	unclassified	Umbravirus-like associated RNA	Carrot umbravirus-like virus associated RNA		Y	France, Spain	2019, 2020, 2021
Carrot	ESR7/ESR9	unclassified	Small circular satellite RNA	Carrot red leaf virus Satellite 1		Y	France, Spain	2020, 2021
Carrot	ESR7/ESR9	unclassified	Small circular satellite RNA	Carrot red leaf virus Satellite 2		Y	France, Spain	2019, 2020, 2021
Carrot	ESR7	unclassified	Unclassified virus	Carrot Ker-like virus		Y	France	2019,202
Carrot	ESR7	unclassified	Unclassified virus	Carrot associated flavi-like virus		Y	France	2019,202
Carrot	ESR7	unclassified	Unclassified virus	Carrot beny-like virus		Y	France	2019,202
Carrot	ESR7	unclassified	Unclassified subviral agent	Carrot mottle virus satellite RNA	Y		France	2019, 2020
Carrot	ESR7	unclassified	Unclassified subviral agent	Carrot mottle virus satellite RNA 2		Y	France	2019,202
Lettuce	ESR10	Betaflexiviridae	Vitivirus	Lettuce vitivirus 1		Y	Spain	2019, 2020
Lettuce	ESR10	Boutourmiaviridae	Ourmiavirus	Erysiphe necator associated ourmia-like virus 51	Y		Spain	2019, 2020
Lettuce	ESR10	Boutourmiaviridae	Ourmiavirus	Lettuce associated ourmia-like virus		Y	Spain	2019, 2020
Lettuce	ESR10	Bromoviridae	Alfamovirus	Alfalfa mosaic virus	Y		Spain	2019, 2020
Lettuce	ESR10	Closteroviridae	Closterovirus	Beet yellow stunt virus	Y		Spain	2019, 2020
Lettuce	ESR10	Ophioviridae	Ophiovirus	Mirafiori lettuce virus	Y		Spain	2019, 2020
Lettuce	ESR10	Rhabdoviridae	betanucleorhabdovirus	Lettuce betanucleorhabdovirus 1		Y	Spain	2019, 2030
Lettuce	ESR10	Rhabdoviridae	Varicosavirus	Lettuce big vein-associated virus	Y		Spain	2019, 2020
Lettuce	ESR10	Secoviridae	Waikavirus	Lettuce waikavirus 1	Y		Spain	2019, 2020
Lettuce	ESR10	Tombusviridae	Umbravirus	Ixeridium yellow mottle associated virus 2	Y		Spain	2019, 2020
Lettuce	ESR10	Tospoviridae	Orthospovirus	Tomato spotted wilt virus	Y		Spain	2019, 2020
Lettuce	ESR10	Virgaviridae	Tobamovirus	Cucumber green mottle mosaic virus	Y		Spain	2019, 2020
Malus	ESR2	Avsunviroidae	Pelamoviroid	Apple hammerhead viroid	Y		Belgium	2020
Malus	ESR2	Betaflexiviridae	Capillovirus	Apple stem grooving virus	Y		Belgium	2020
Malus	ESR2	Betaflexiviridae	Foveavirus	Apple stem pitting virus	Y		Belgium	2020
Malus	ESR2	Betaflexiviridae	Trichovirus	Apple chlorotic leafspot virus	Y		Belgium	2020

Melon	ESR8/9	Bromoviridae	Anulavirus	Pelargonium zonate spot virus	Y		Spain	2020
Melon	ESR8/9	Bromoviridae	Cucumovirus	Cucumber mosaic virus	Y		Spain	2020
Melon	ESR8/9	Bromoviridae	Cucumovirus	Gayfeather mild mottle virus	Y		Spain	2020
Malus	ESR2	Phenuiviridae	Rubodvirus	Apple rubodvirus 1	Y		Belgium	2020
Malus	ESR2	Tombusviridae	Luteovirus	Apple luteovirus 1	Y		Belgium	2020
Pyrus	ESR2	Closteroviridae	Velarivirus	Pyrus virus A		Y	Belgium	2021
Pyrus	ESR2	Phenuiviridae	Coguvirus	Citrus virus A	Y		Belgium	2021
Pyrus	ESR2	Phenuiviridae	Rubodvirus	Apple rubodvirus 1	Y		Belgium	2021
Melon	ESR8/9	Bromoviridae	Cucumovirus	Tomato aspermy virus	Y		Spain	2020
Melon	ESR8/9	Endoviridae	Alphaendornavirus	Cucumis melo endornavirus	Y		Spain	2020
Melon	ESR8/9	Potyviridae	Potyvirus	Bean common mosaic virus	Y		Spain	2020
Melon	ESR8/9	Potyviridae	Potyvirus	Cally lily latent virus	Y		Spain	2020
Melon	ESR8/9	Potyviridae	Potyvirus	Cowpea aphid-borne mosaic virus	Y		Spain	2020
Melon	ESR8/9	Potyviridae	Potyvirus	Fritillary virus Y	Y		Spain	2020
Melon	ESR8/9	Potyviridae	Potyvirus	Iranian johnsongrass mosaic virus	Y		Spain	2020
Melon	ESR8/9	Potyviridae	Potyvirus	Soybean mosaic virus	Y		Spain	2020
Melon	ESR8/9	Potyviridae	Potyvirus	Telosma mosaic virus	Y		Spain	2020
Melon	ESR8/9	Potyviridae	Potyvirus	Tomato necrotic stunt virus	Y		Spain	2020
Melon	ESR8/9	Potyviridae	Potyvirus	Watermelon mosaic virus	Y		Spain	2020
Melon	ESR8/9	Potyviridae	Potyvirus	Yam bean mosaic virus	Y		Spain	2020
Melon	ESR8/9	Potyviridae	Potyvirus	Zucchini yellow mosaic virus	Y		Spain	2020
Melon	ESR8/9	Potyviridae	Tritimovirus	Wheat streak mosaic virus	Y		Spain	2020
Melon	ESR8/9	Solemoviridae	Sobemovirus	Rubus chlorotic mottle virus	Y		Spain	2020
Melon	ESR8/9	Virgaviridae	Potyvirus	Yam mosaic virus	Y		Spain	2020
Melon	ESR8/9	Virgaviridae	Tobamovirus	Pepper mild mottle virus	Y		Spain	2020
Melon	ESR8/9	Virgaviridae	Tobamovirus	Tobacco mild green mosaic virus	Y		Spain	2020
Prunus	ESR6	Avsunviroidae	Pelamoviroid	Peach latent mosaic viroid	Y		France	2020
Prunus	ESR6	Betaflexiviridae	Capillovirus	Cherry virus A	Y		France	2020
Prunus	ESR6	Betaflexiviridae	Capillovirus	Mume virus A	Y		France	2020
Prunus	ESR6	Betaflexiviridae	Foveavirus	Apricot latent virus	Y		France	2020
Prunus	ESR6	Betaflexiviridae	Foveavirus	Asian prunus virus 2	Y		France	2020
Prunus	ESR6	Betaflexiviridae	Robigovirus	Cherry green ring mottle virus	Y		France	2020

Prunus	ESR6	Betaflexiviridae	Robigovirus	Cherry necrotic ruty mottle virus	Y		France	2020
Prunus	ESR6	Betaflexiviridae	Robigovirus	Cherry twisted leaf-associated virus	Y		France	2020
Prunus	ESR6	Betaflexiviridae	Tepovirus	Cherry virus T	Y		France	2020
Prunus	ESR6	Betaflexiviridae	Tepovirus	Prunus virus T	Y		France	2020
Prunus	ESR6	Betaflexiviridae	Trichovirus	Apple chlorotic leaf spot virus	Y		France	2020
Prunus	ESR6	Betaflexiviridae	Trichovirus	Apricot pseudo-chlorotic leaf spot virus	Y		France	2020
Prunus	ESR6	Bromoviridae	Ilarvirus	Apple mosaic virus	Y		France	2020
Prunus	ESR6	Bromoviridae	Ilarvirus	Prunus dwarf virus	Y		France	2020
Prunus	ESR6	Bromoviridae	Ilarvirus	Prunus necrotic ringspot virus	Y		France	2020
Prunus	ESR6	Closteroviridae	Ampelovirus	Little cherry virus 2	Y		France	2020
Prunus	ESR6	Closteroviridae	Ampelovirus	Plum bark necrosis stem putting-associated virus	Y		France	2020
Prunus	ESR6	Closteroviridae	Velarivirus	Little cherry virus 1	Y		France	2020
Prunus	ESR6	Pospiviroidae	Hostuviroid	Hop stunt viroid	Y		France	2020
Prunus	ESR6	Secoviridae	Fabavirus	Cherry virus F	Y		France	2020
Prunus	ESR6	Secoviridae	Fabavirus	Prunus virus F	Y		France	2020
Prunus	ESR6	Secoviridae	Nepovirus	Strawberry latent ringspot virus	Y		France	2020
Prunus	ESR6	Tombosviridae	Luteovirus	Nectarine stem pitting-associated virus	Y		France	2020
Prunus	ESR6	Tombosviridae	Luteovirus	Peach-associated luteovirus	Y		France	2020
Prunus	ESR6	Tombusviridae	Luteovirus	Almond luteovirus 1		Y	France	2019
Prunus	ESR6	Tombusviridae	Luteovirus	Alpine wild prunus virus		Y	France	2020
Prunus	ESR6	Tombusviridae	Luteovirus	Peach-associated luteovirus		Y	France	2020
Prunus	ESR6	Tombusviridae	Luteovirus	Prunus mahaleb-associated virus		Y	France	2022
Prunus	ESR6	Tombusviridae	Luteovirus	Prunus mume-associated virus		Y	Japan	2019
Tomato	ESR3/ESR4	Amalgaviridae	Amalgavirus	Southern tomato virus	Y		Slovenia, Belgium	2019, 2020, 2021
Tomato	ESR4	Aspiviridae	Ophiovirus	Ranunculus white mottle ophiovirus	Y		Slovenia	2019, 2020
Tomato	ESR4	Betaflexiviridae	Carlavirus	Potato virus M	Y		Slovenia	2020
Tomato	ESR4	Betaflexiviridae	Carlavirus	Potato virus S	Y		Slovenia	2020
Tomato	ESR4	Betaflexiviridae	Vitivirus	Tomato vitivirus 1		Y	Slovenia	2020
Tomato	ESR4	Bromoviridae	Cucumovirus	Tomato aspermy virus	Y		Slovenia	2020
Tomato	ESR4	Bromoviridae	Ilarvirus	Tomato ilarvirus 1		Y	Slovenia	2020
Tomato	ESR3	Bromoviridae	Ilavirus	Spinach Latent virus	Y		Belgium	2020
Tomato	ESR3	Bromoviridae	Cucumovirus	Cucumber mosaic virus	Y		Belgium, Slovenia	2020, 2021

Tomato	ESR3/ESR4	Iflaviridae	Iflavirus	Tomato matilda virus	Y		Belgium, Slovenia	2019, 2020, 2021
Tomato	ESR4	Kitaviridae	Blunervirus	Tomato fruit blotch virus	Y		Slovenia	2019
Tomato	ESR3	Phenuiviridae	Tenuivirus	Melon Chlorotic spot virus	Y		Belgium	2020
Tomato	ESR4	Potyviridae	Potyvirus	Henbane mosaic virus	Y		Slovenia	2020
Tomato	ESR3/ESR4	Potyviridae	Potyvirus	Potato virus Y	Y		Belgium, Slovenia	2019, 2020, 2021
Tomato	ESR4	Rhabdoviridae	Alphanucleorhabdovirus	Eggplant mottled dwarf virus	Y		Slovenia	2020
Tomato	ESR3/ESR4	Rhabdoviridae	Alphanucleorhabdovirus	Physostegia chlorotic mottle virus	Y		Belgium, Slovenia	2019, 2020, 2021
Tomato	ESR4	Rhabdoviridae	Alphanucleorhabdovirus	Tomato alphanucleorhabdovirus 1		Y	Slovenia	2020
Tomato	ESR4	Rhabdoviridae	Betanucleorhabdovirus	Tomato betanucleorhabdovirus 1		Y	Slovenia	2019
Tomato	ESR4	Rhabdoviridae	Betanucleorhabdovirus	Tomato betanucleorhabdovirus 2		Y	Slovenia	2020
Tomato	ESR3	Secoviridae	Stralarivirus	Strawberry latent ringspot virus	Y		Belgium	2021
Tomato	ESR3/ESR4	Tombusviridae	Alphanecrovirus	Olive latent virus 1	Y		Belgium, Slovenia	2019, 2020, 2021
Tomato	ESR3/ESR4	Tombusviridae	Alphanecrovirus	Olive mild mosaic virus	Y		Belgium, Slovenia	2019, 2021
Tomato	ESR3/ESR4	Tombusviridae	Alphanecrovirus	Tobacco necrosis virus A	Y		Belgium, Slovenia	2019, 2020, 2021
Tomato	ESR3/ESR4	Tombusviridae	Alphanecrovirus	Tomato bushy stunt virus	Y		Belgium, Slovenia	2019, 2020, 2021
Tomato	ESR3	Tombusviridae	Tombusvirus	Carnation Italian ringspot virus	Y		Belgium	2021
Tomato	ESR3	Tombusviridae	Tombusvirus	Moroccan pepper virus	Y		Belgium	2021
Tomato	ESR4	Tospoviridae	Orthotospovirus	Tomato spotted wilt orthotospovirus	Y		Slovenia	2020
Tomato	ESR3/ESR4	Virgaviridae	Tobamovirus	Tomato mosaic virus	Y		Belgium, Slovenia	2019, 2020, 2021
Tomato	ESR4	unclassified	Albetovirus	Tomato albetovirus 1		Y	Slovenia	2019
Tomato	ESR4	unclassified	satellite RNAs	Cymbidium ringspot virus satellite RNA	Y		Slovenia	2019
Tomato	ESR4	unclassified	satellite RNAs	Tomato bushy stunt virus satellite B10	Y		Slovenia	2019
Tomato	ESR4	unclassified	satellite RNAs	Tomato bushy stunt virus satellite RNA C		Y	Slovenia	2019
Tomato	ESR4	unclassified	satellite RNAs	Tomato bushy stunt virus satellite RNA L	Y		Slovenia	2019
Tomato	ESR4	unclassified	unclassified	Novo Mesto picornavirus 1		Y	Slovenia	2020
Tomato	ESR4	unclassified	unclassified	Plant associated tobamo-like virus 1		Y	Slovenia	2020
Tomato	ESR4	unclassified	unclassified	Plant associated virga-like virus 1		Y	Slovenia	2019
Tomato	ESR4	unclassified	unclassified	Tomato associated bunya-like virus 1		Y	Slovenia	2020
Tomato	ESR4	unclassified	unclassified	Tomato associated partiti-like virus 1		Y	Slovenia	2019, 2020
Tomato	ESR4	unclassified	unclassified	Tomato associated tombus-like virus 1		Y	Slovenia	2019, 2020
Tomato	ESR4	unclassified	unclassified	Tomato associated virga-like virus 1		Y	Slovenia	2019