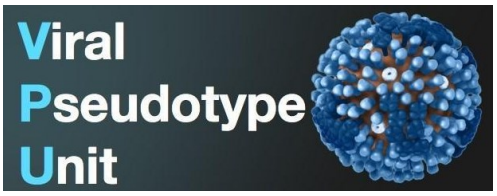
Viral Pseudotype Unit Catalogue

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Orthomyxoviridae – Influenza A Group I

- H1
  - South Carolina/1/1918
  - Puerto Rico/8/1934
  - New Caledonia/20/1999
  - Duck/Italy/1447/2005
  - Solomon Islands/3/2006
  - Brisbane/59/2007
  - California/7/2009
  - Texas/05/2009
  - England/195/2009
  - Bolivia/559/2013
  - Michigan/45/2015
  - Slovenia/2903/2015
  - Brisbane02/2018
  - Swine/Guanxi/1/2013
  - Swine/Henan/SN10/2018
  - Swine/Beijing/0301/2018
- H2
  - Korea/426/1968
  - Quail/Rhode Island/16-018622-1/2016
  - Duck/Germany/1215/1973
- H5
  - Hong Kong/156/1997
  - Hong Kong/213/2003
  - Vietnam/1194/2004
  - Vietnam/1203/2004
  - Indonesia/5/2005
  - Turkey/Turkey/1/2005
  - Anhui/1/2005
  - Whooper Swan/Mongolia/244/2005
  - Bar-headed Goose/Qinghai/2005
  - Jwe/Hong Kong/1038/2006
  - Chicken/Mexico/07/2007
  - Egypt/2629-NAMRU/2007
  - Chicken/Egypt 1709-01/2007
  - Chicken/Egypt 1709-06/2008
  - Gyrfalcon/Washington/41088-6/2014
  - Mallard/Netherlands/41/2015
- H6
  - American wigeon/California/HS007A/2015
  - duck/Vietnam/HU9-455/2018
- H8
  - Turkey/Ontario/6118/1968
  - Mallard Duck/Netherlands/7/2015
  - Mallard Duck/Ohio/16OS0672/2016
- H9
  - Hong Kong/1073/1999
  - Chicken/Israel/291417/2017
- H11
  - Duck/Memphis/546/1974
  - Common teal/Netherlands/1/2015
  - Red Shoveler/Chile/C14653/2016
- H12
  - duck/Alberta/60/1976
  - duck/Mongolia/850/2018
  - Northern Shoveler/Nevada/D1516557/2015
- H13
  - laughing gull/New Jersey/UGAI17-2843/2017
  - Ring-billed gull/Minnesota/OPMNAI0816/2017
- H16
  - black-headed gull/Sweden/2/1999
  - black-headed gull/Netherlands/1/2016
  - Mew Gull/Southcentral Alaska/18MB01898/2018
- H17
  - Little shouldered bat/Guatemala/060/2011
- H18
  - flat-faced bat/Peru/33/2010

Orthomyxoviridae – Influenza A Group II

- H3
  - Texas/50/2012
  - Udorn/307/1972
  - California/7/2004
  - Wisconsin/67/2005
  - Japan/WRAIR1059P/2008
  - Switzerland/9715293/2013
  - New Caledonia/71/2014
  - duck/Quang Ninh/220/2014
  - ruddy turnstone/Delaware Bay/606/2017
  - Kansas/14/2017
  - Switzerland/8060/2017
  - South Australia/34/2019
- H4
  - duck/Czechoslovakia/1956
  - green-winged teal/California/K218/2005
  - Calidris ruficollis/Hokkaido/12EY0172/2012
- H7
  - FPV/Rostock/1934
  - chicken/Pakistan/34668/1995
  - chicken/Italy/1082/1999
  - chicken/Italy/13474/1999
  - chicken/Netherlands/1/2003
  - chicken/Netherlands/219/2003
  - Shanghai/2/2013
  - northern pintail duck/California/UCD1582/2016
  - duck/Viet Nam/HU10-64/2018
  - Anhui/1/2013
- H10
  - duck/Bangladesh/24268/2015
  - mallard/Utah/D1802334/2018
  - chicken/Germany/N49
- H14
  - mallard/Astrakhan/263/1982
  - blue-winged Teal/Ohio/18OS1695/2018
- H15
  - shearwater/West Australia/2576/1979
  - duck/Bangladesh/24697/2015

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Orthomyxoviridae – Influenza B

- B/Hong Kong/8/1973
- B/Victoria/2/1987
- B/Yamagata/16/1988
- B/Florida/4/2006
- B/Bangladesh/3333/2007
- B/Brisbane/60/2008
- B/Brisbane/60/2008
- B/Phuket/3073/2013
- B/Colorado/06/2017
- B/Washington/2/2019

Orthomyxoviridae – Influenza C

- C/Minnesota/33/2015

Orthomyxoviridae – Influenza D

- D/swine/Italy/2015
- D/bovine/France/2014
- D/bovine/Ibaraki/2016

Other Influenza

- Equine (H3)
- Canine (H3N8)
- Phocine (H3N2)

Filoviridae

Ebolavirus

- EBOV
- RESTV
- SUDV
- BDBV
- TAFV
- BOMV

Cuevavirus

- LLOV

Marburgvirus

- RAVV
- MARV
  - Angola
  - DRC

Herpesviridae

- Equine Type 1 herpesvirus

Rhabdoviridae

Lyssavirus

- RABV
- DUVV
- EBLV-1
- EBLV-2
- ABLV
- BBLV
- ARAV
- IRKV
- KHUV
- TWBLV
- GBLV
- KBLV
- LBV
- MOKV
- SHIBV
- WCBV
- IKOV
- LLEBV

Paramyxoviridae

Henipavirus

- NIV
- M74a

Morbilivirus

- MeV

Arenaviridae

Mammarenavirus

- LASV

Togaviridae

Alphavirus

- CHIKV
- MAYV

Phenuiviridae

Phlebovirus

- RVFV

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Coronaviridae

Alphacoronavirus
- NL63
- 229E

Betacoronavirus
- SARS-CoV-1
- SARS-CoV-2
- MERS
- HKU1
- OC43

Bat Coronaviruses
- RaTG13
- WIV16
- GX13

SARS-CoV-2 Variants

- Ancestral Type
- A.2.5
- B.1 (D614G)
- Mink Cluster 5
- B.1.1.7 (Alpha
- B.1.351 (Beta)
- B.1.429
- B.1.525 (Eta)
- B.1.604
- B.1.617.1 (Kappa)
- B.1.617.2 (Delta)
- B.1.617.3
- B.1.620
- P.1 (Gamma)
- Omicron
  - BA.1
  - BA.2