

## Summary of status of development and availability of variant<sup>1</sup> influenza A(H3N2) candidate vaccine viruses and potency testing reagents

26 September 2019

### Candidate vaccine viruses

Antigenic prototype	Candidate vaccine virus	Type of virus or reassortant	Developing institute	Available from
A/Minnesota/11/2010	Wild type virus			WHO CCs
	NYMC X-203*	Classical	NYMC, USA	CDC, USA NYMC, USA
	NYMC X-203A*	Classical	NYMC, USA	CDC, USA NYMC, USA
A/Indiana/10/2011	Wild type virus			WHO CCs
	NYMC X-213*	Classical	NYMC, USA	CDC, USA NYMC, USA
A/Ohio/28/2016	IDCDC-RG55C*	Reverse genetics	CDC, USA	CDC, USA

*\*These viruses are candidate vaccine viruses which have passed relevant safety testing. They can be handled under BSL-2 enhanced containment<sup>2</sup>.*

### Candidate vaccine viruses in preparation

Antigenic prototype	Type of virus or reassortant	Developing Institute	Available from
A/Ohio/28/2016	Classical	NIBSC, UK	Pending
A/Ohio/13/2017-like	Reverse genetics	CDC, USA	Pending

### Institutes contact details for candidate vaccine viruses orders/information:

**CDC:** [dwentworth@cdc.gov](mailto:dwentworth@cdc.gov) (Subject: CVV request)

**NIBSC:** [standards@nibsc.org](mailto:standards@nibsc.org) or [enquiries@nibsc.org](mailto:enquiries@nibsc.org)

**NYMC:** [doris\\_bucher@nymc.edu](mailto:doris_bucher@nymc.edu)

**WHO CCs:** [http://www.who.int/influenza/gisrs\\_laboratory/collaborating\\_centres/list/en/](http://www.who.int/influenza/gisrs_laboratory/collaborating_centres/list/en/)

For general enquiries, please contact [gisrs-whohq@who.int](mailto:gisrs-whohq@who.int)

For other candidate vaccine viruses and potency testing reagents, please go to

<http://www.who.int/influenza/vaccines/virus/en/>

<sup>1</sup> Joint FAO, OIE, WHO announcement of the standardization of terminology for the variant A(H3N2) virus recently infecting humans at [http://www.who.int/influenza/gisrs\\_laboratory/terminology\\_ah3n2v/](http://www.who.int/influenza/gisrs_laboratory/terminology_ah3n2v/)

<sup>2</sup> <http://www.who.int/biologicals/publications/trs/areas/vaccines/influenza/Annex%205%20human%20pandemic%20influenza.pdf?ua=1>