World Health Organization

Summary of status of development and availability of A(H5) non–A(H5N1) candidate vaccine viruses and potency testing reagents

12 October 2018

Candidate vaccine viruses[#]

Sub type	Antigenic prototype	Clade	Candidate vaccine virus	Developing institute	Available from
H5N6	A/duck/Hyogo/1/2016	2.3.4.4	Wild type virus		WHO CCs
			NIID-001*	NIID, Japan	NIID, Japan
	A/Sichuan/26221/2014	2.3.4.4	Wild type virus		WHO CCs
			IDCDC-RG42A*	CCDC, China CDC, USA	CDC, USA
	A/Hubei/29578/2016	**2.3.4.4**	**Wild type virus**		**WHO CCs**
			CNIC-HB29578*	**CCDC, China**	**CCDC, China**
	A/Fujian-Sanyuan/21099/2017	**2.3.4.4**	**Wild type virus**		**WHO CCs**
			CNIC-21099[#]	**CCDC, China**	**CCDC, China**
H5N8	A/gyrfalcon/Washington/41088-6/2014	2.3.4.4	Wild type virus		WHO CCs
			IDCDC-RG43A*	CDC, USA	CDC, USA

[#] ***New candidate vaccine virus shown in blue***

*These viruses are candidate vaccine viruses which have passed relevant safety testing and two-way haemagglutination inhibition (HI) tests. They can be handled under BSL-2 enhanced containment[1].

Candidate vaccine viruses in preparation

Subtype	Antigenic prototype	Clade	Developing Institute	Available from
H5N6	**A/chicken/Viet Nam/NCVD-15A59/2015**	2.3.4.4	SJCRH, USA	**Pending**

Institutes contact details for candidate vaccine virus orders and other information:

CCDC: dayanwang@cnic.org.cn
CDC: dwentworth@cdc.gov (Subject: CVV Request)
NIID: nobusawa@nih.go.jp
SJCRH: richard.webby@stjude.org
WHO CCs: http://www.who.int/influenza/gisrs_laboratory/collaborating_centres/list/en/

Candidate vaccine viruses and potency testing reagents for influenza A(H5N1) can be found on the WHO web site at http://www.who.int/influenza/vaccines/virus/candidates_reagents/a_h5n1/en/

For information of other type and subtype candidate vaccine viruses and potency testing reagents, please go to: http://www.who.int/influenza/vaccines/virus/en/

For general enquiries, please contact gisrs-whohq@who.int

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