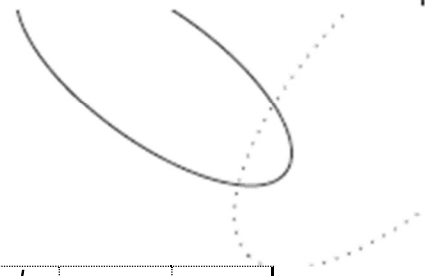


HPAI strains September 2023

Type	Strain	Assay				Animal model	
		HAI	MN	TCID50	EC50	mouse	ferret
H5N1	A/Anhui/01/2005						
	A/Anhui/01/2005xPR8	√	√				
	A/bar-headed goose/Qinghai Lake/1A/2005xPR8	√	√				
	A/CommonMagpie/HK/5052/2007						
	A/CommonMagpie/HK/5052/2007 xPR8						
	A/duck/Bangladesh/19097/2013xPR8	√	√				
	A/Egypt/1321/2007xPR8 rg11						
	A/HongKong/156/1997						
	A/HongKong/157/1997						
	A/HongKong/213/2003	√	√				
	A/HongKong/483/1997						
	A/HongKong/486/1997						
	A/Hooperswan/Mongolia/244/2005						
	A/Hubei/1/2010xPR8						
	A/India/NIV/2006xPR8						
	A/Indonesia/05/2005						√
	A/Indonesia/05/2005xPR8						
	A/JapaneseWhiteEye/HK/1038/2006						
	A/JapaneseWhiteEye/HK/1038/2006xPR8						
	A/Turkey/Turkey/1/2005						
A/turkey/Turkey/1/2005xPR8	√	√					
A/Vietnam/1194/2004							
A/Vietnam/1203/2004	√	√				√	



	A/Vietnam/1203/2004xPR8	√	√	√	√		
	A/chicken/Ghana/7/2015						
	A/Cambodia/X0810301/2013						
	A/Cambodia/X0123311/2013						
	A/chicken/Ghana/20/2015						
	A/duck/Bangladesh/38175/2019						
	A/duck/Bangladesh/17D1012/2018						
	A/chicken/Ghana/20/2015						
	A/duck/Vietnam/NCVD-1584/2012						
	A/duck/Bangladesh/51600/2021(H5N1)						
	A/bold eagle/North Carolina/W23-142A/2023						
	A/duck/Bangladesh/52866/2022						

H7N7	A/mallard/Netherland/12/2000	√	√				
	A/Netherlands/219/2003					√	
	A/Netherlands/219/2003xPR8						
H7N9	A/Anhui/01/2013	√				√	
	A/Guangdong/17SF003/2016xPR8	√	√				
	A/Shanghai/2/2013						
	A/Shanghai/2/2013xPR8	√	√				
	A/Hong Kong/125/2017xPR8	√	√				
	A/Taiwan/1/2017						
	A/chicken/Hong Kong/Y084/2016						

H2N2	A/Korea/426/1968xPR8		√				
	A/Singapore/01/1957	√	√				
H5N8	A/gyrfalcon/Washington/41088-6/2014	√	√				
H7N2	A/Turkey/VA/4529/2002						
H7N3	A/Canada/RV/444/2004						
H10N8	A/Quail/Italy/1117/1965		√				