

Suppl. Table S11. Detailed nucleotide pairwise identity of ORF sequences of NA N5 gene segment of full-length H14 viruses from Guatemala (n=40), North America (n=12), and Eurasia (n=4) during 1982-2019.

# virus	Strain	Reference ID	19	20	21	31	41
19	A/blue_winged_teal/Guatemala/CIP049H117_36/2013	MK327704					
20	A/blue_winged_teal/Guatemala/CIP049H117_38/2013	MK326658	100				
21	A/blue_winged_teal/Guatemala/CIP049H117_99/2013	MK327736	99.9	99.9			
31	A/blue-winged_teal/Guatemala/CIP049H123_65/2014	OP144127	96.3	96.3	96.2		
41	A/Blue_winged_Teal/Ohio/18OS1695/2018	MN431051	94.7	94.7	94.7	97.3	