Table S2. Summary of long-term storage test in this study

			Storage period at 4°C (month)					
			0			12		
			Reactivity (HAU threshold)			Reactivity (HAU threshold)		
Lineage	Clade	Strain	α2,3Sia strip	α2,6Sia strip	Identification	α2,3Sia strip	α2,6Sia strip	Identification
Group 1	H1N1	A/Suita/117/2011	_	+ (32)	Human	_	+ (32)	Human
	H5N1	A/duck/Egypt/D1Br/2007 (EG/D1	+ (32)	_	Bird	+ (32)	_	Bird
		rEG/D1	+ (32)	_	Bird	+ (32)	_	Bird
		rEG/D1 <sub>Q192H</sub>	+ (32)	+ (128)	Dual	+ (32)	+ (128)	Dual
		rEG/D1 <sub>128Δ/I151T</sub>	+ (32)	+ (128)	Dual	+ (32)	+ (128)	Dual
Group 2	H3N2	A/Japan/434/2003	_	_	un	_	_	un

Abbreviations: +, positive result; -, negative result; Human, Human-type receptor specificity; Bird, Bird-type receptor specificity; Dual, Dual receptor affinity; un, unknown.

Same batch of test strips were used to evaluate the stability and reproductiviey of the strip test. HAU threshold is the lowest HAU titer at which positive result was detected in the strip test.