Table S2. A(H1N1)pdm09 virus nomenclature and sequence differences

Full name	HA genetic group	Abbrev	Amino acids that differ between the named NA and the NA of A/California/7/2009 (CA/09 consensus sequence provided in top row)																																																					
			13	14	15	19	34	40	41	44	47	48	59	67	77	79	81	83	89	95	99	106	108	117	126	127	130	188	200	222	223	241	248	260	264	270	275	284	309	314	321	339	341	369	381	382	386	394	397	412	432	449	451	453	454	466
A/California/7/2009		CA/09	V	C	M	M	I	L	G	N	E	T	N	V	G	S	V	V	S	S	I	V	I	I	P	L	K	I	N	N	I	V	N	K	V	N	H	D	N	I	I	S	N	N	T	G	N*	V	N	L	K	N	D	V	G	T
A/Brisbane/70/2011		BR/11								S												I					R					I	D											K													
A/Bangladesh/2021/2012	6A	BA/12			I																	I					R					I	D											K			S<						G			
A/Washington/24/2012		WA/12							R	S												I					R					I	D				Y				V			K													
A/Mississippi/10/2013	6C	MS/13						V		S						P							V				R		S	D		I	D											K													
A/Pennsylvania/07/2013	6C	PA/13				I				S																	R		S			I	D											K				I									
A/Costa Rica/5802/2013	6C	CR/13								S												I					R		S			I	D											K													
A/New Hampshire/04/2013	6B	NH/13					V			S											V				S		R		S			I	D								V			K					K		E						
A/Bolivia/559/2013	6B	BO/13					V			S	K																R		S			I	D								V			K					K		E						
A/Hong Kong/5008/2013	6B	HK/13					V			S																	R		S			I	D						H		V			K			K<				E					
A/Iowa/19/2014	6B	IA/14					V	I		S								L						M			R		S			I	D								V			K			K<				E					
A/Michigan/45/2015	6B.1	MI/15	I				V	I		S																	R		S			I	D		I	K				M	V			K			K<				E					
A/Slovenia/2903/2015	6B.1	SL/15	I				V	I		S									F								R		S			I	D		I	K				M	V			K			K<									A
A/Singapore/GP1908/2015	6B.1	SI/15	I	S			V	I		S																	R		S			I	D		I	K				M	V			K			K<				E					
A/Iowa/53/2015	6B.2	IA/15						I		S				I													R		S			I	D		I	K				M	V			K	I		K<				E					
A/Indiana/21/2016	6B.2	IN/16						I		S				I			I										R		S			I	D		I	K			D		V			K	I		K<				E					
A/New Hampshire/19/2016	6B.1	NH/16					V	I		S																	R		S			I	D		I	K				M	V			K			K<				E		G			
A/Lisboa/32/2015	6B.1	LS/16	I				V	I		S					R												R		S			I	D	E	I	K					V			K			K<				E					
A/Montana/50/2016	6B.1	MT/16	I				V	I		S																F	R		S			I	D	R	I	K				M	V			K			K<				E				A	
A/Delaware/29/2016	6B.1	DE/16	I				V	I		S										G							R		S			I	D		I	K				M	V	P		K			K<				E				A	
A/Wisconsin/94/2016	6B.1	WI/16	I				V	I		S																F	R		S			I	D		I	K				M	V			K			K<				E				A	
A/Oklahoma/13/2016	6B.1	OK/16	I				V	I		S																	R		S			I	D		I	K				M	V			K			K<				E				G	
A/Nevada/47/2016	6B.1	NV/16	I				V	I		S																	R		S			I	D		I	K				M	V			K			K<				E					
A/Sapporo/94/2016	6B.1	SA/16	I				V	I		S																F	R		S			I	D		I	K				M	V			K			K<				E					
A/Kanagawa/206/2016	6B.1	KA/16	I				V	I		S																	R		S			I	D	R	I	K				M	V			K			K<				E					
A/Manitoba/RV1811/2017	6B.1	MA/17	I				V	I		S		T														F	R		S			I	D		I	K				M	V			K			K<			Q	E				A	
A/Hawaii/25/2017	6B.1	HI/17	I				V	I		S		T														F	R		S			I	D		I	K	Y			M	V			K			K<				E				A	
A/Hong_Kong/2109/2017	6B.1	HK/17a	I				V	I		S		I															R	T	S			I	D		I	K				M				K			K<				E	D				
A/Hong_Kong/2244/2017	6B.1	HK/17b	I				V	I		S		I															R	T	S			I	D		I	K				M				K			K<				E	D				
A/Quebec/RV1925/2017	6B.1	QU/17	I				V	I		S		T	I														R		S			I	D		I	K	Y			M	V			K		E	K<		D						D	
A/Texas/04/2017	6B.1	TX/17	I				V	I		S		T			V												R		S			I	D		I	K				M	V		S	K			K<				E					
A/Hong Kong/2203/2017	6B.1	HK/17c						I		S		T		I													R		S		T+	I	D		I	K		E			V			K	I		K<		D	Q	E					