

Mexican influenza virus A/H1N1/2009 pdm segment 8 (NS1) protein sequences (n=27, length 220 aa).

	1	30	60	90	120																																																																																																																		
A/California/04/2009	M	D	S	N	T	M	S	S	F	Q	V	D	C	F	L	W	H	I	R	K	R	F	A	D	N	G	L	G	D	A	P	F	L	D	R	L	R	R	D	Q	K	S	L	K	G	R	G	N	T	L	G	L	D	I	E	T	A	T	L	V	G	K	Q	I	V	E	W	I	L	K	E	S	S	E	T	L	R	M	T	I	A	S	V	P	T	S	R	Y	L	S	D	M	T	L	E	E	M	S	R	D	W	F	M	L	M	P	R	Q	K	I	I	G	P	L	C	V	R	L	D
A/Mexico/UASLP-004/2009	*****																																																																																																																						
A/Mexico/UASLP-015/2009	*****																																																																																																																						
A/Mexico/UASLP-023/2009	-----																																																																																																																						
A/Mexico/UASLP-026/2009	-----																																																																																																																						
A/Mexico/UASLP-028/2009	-----																																																																																																																						
A/Mexico/LaGloria-4/2009	-----																																																																																																																						
A/Mexico/UASLP-016/2009	-----																																																																																																																						
A/Mexico/InDRE13551/2009	-----																																																																																																																						
A/Mexico/UASLP-017/2009	-----																																																																																																																						
A/MexicoCity/019/2009	-----																																																																																																																						
A/MexicoCity/CIA11/2009	-----																																																																																																																						
A/MexicoCity/003/2009	-----																																																																																																																						
A/MexicoCity/010/2009	-----																																																																																																																						
A/MexicoCity/012/2009	-----																																																																																																																						
A/MexicoCity/WR1100N/2009	-----																																																																																																																						
A/MexicoCity/CIA2/2009	-----																																																																																																																						
A/MexicoCity/WR1306N/2009	-----																																																																																																																						
A/MexicoCity/WR1297N/2009	-----																																																																																																																						
A/MexicoCity/WR1696T/2009	-----																																																																																																																						
A/MexicoCity/WR1668T/2009	-----																																																																																																																						
A/MexicoCity/WR1090N/2009	-----																																																																																																																						
A/MexicoCity/WR1747N/2009	-----																																																																																																																						
A/Mexico/InDRECTRLA/2010	-----																																																																																																																						
A/MexicoCity/WRAIR1773T/2010	-----																																																																																																																						
A/MexicoCity/WRAIR1752N/2010	-----																																																																																																																						
A/Mexico/InDRE3740/2011	-----																																																																																																																						

Hyphens indicate unanimity to reference, asterisks indicate unknown sequence, full-stops indicate insertions, X indicates pre-mature stop codon.

	121	150	180	210	220
A/California/04/2009	Q	A	I	M	E
A/Mexico/UASLP-004/2009	K	N	I	V	L
A/Mexico/UASLP-015/2009	K	N	I	V	L
A/Mexico/UASLP-023/2009	K	N	I	V	L
A/Mexico/UASLP-026/2009	K	N	I	V	L
A/Mexico/UASLP-028/2009	K	N	I	V	L
A/Mexico/LaGloria-4/2009	K	N	I	V	L
A/Mexico/UASLP-016/2009	K	N	I	V	L
A/Mexico/InDRE13551/2009	K	N	I	V	L
A/Mexico/UASLP-017/2009	K	N	I	V	L
A/MexicoCity/019/2009	K	N	I	V	L
A/MexicoCity/CIA11/2009	K	N	I	V	L
A/MexicoCity/003/2009	K	N	I	V	L
A/MexicoCity/010/2009	K	N	I	V	L
A/MexicoCity/012/2009	K	N	I	V	L
A/MexicoCity/WR1100N/2009	K	N	I	V	L
A/MexicoCity/CIA2/2009	K	N	I	V	L
A/MexicoCity/WR1306N/2009	K	N	I	V	L
A/MexicoCity/WR1297N/2009	K	N	I	V	L
A/MexicoCity/WR1696T/2009	K	N	I	V	L
A/MexicoCity/WR1668T/2009	K	N	I	V	L
A/MexicoCity/WR1090N/2009	K	N	I	V	L
A/MexicoCity/WR1747N/2009	K	N	I	V	L
A/Mexico/InDRECTRLA/2010	K	N	I	V	L
A/MexicoCity/WRAIR1773T/2010	K	N	I	V	L
A/MexicoCity/WRAIR1752N/2010	K	N	I	V	L
A/Mexico/InDRE3740/2011	K	N	I	V	L

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QAIMEKNIVLKANFSVIFNRLETLLILRAFTEEGAIVGEISPLPSLPGHTYEDVKNVAVGLIGGLEWNGNTVVRVSENIQRFWRNCDENGRPSLPPEQK*
-----A-----
-----V-----
-----V-----
-----V-----
-----V-----
-----V-----
-----T-----
-----L-----
-----I-----
-----G-----
-----N-----
-----S-----
-----S-----
-----S-----
-----S-----
-----D-----
-----I-----
-----K-----
-----H-----
-----V-----

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