

**Supplementary Table 2. Comparison of HA sequences from oseltamivir resistant and susceptible 2008-2009 H1N1 virus strains.**

Strain name	Accession No.	NA 275	Residue position (H1 numbering)				
			141	183	185	186	189
A/Brisbane/59/2007			S	N	G	D	A
A/Hong Kong/04633/2008	CY087264		S	N	G	D	A
A/Hong Kong/04427/2008	CY087262		S	N	G	D	A
A/Hong Kong/03807/2008	CY087260		S	N	G	D	A
A/Hong Kong/01045/2008	CY087248	H	S	N	G	D	A
A/Hong Kong/01085/2008	CY087250		S	N	G	D	A
A/Hong Kong/01236/2008	CY087252		S	N	G	D	A
A/Hong Kong/02022/2008	CY087254		S	N	G	D	A
A/Hong Kong/02181/2008	CY087256		S	N	G	D	A
A/Hong Kong/03138/2008	CY087258		S	N	G	D	A
A/Hong Kong/15273/2009	CY087266		<b>K</b>	N	<b>A</b>	D	<b>T</b>
A/Hong Kong/15411/2009	CY087268		<b>N</b>	N	<b>A</b>	D	<b>T</b>
A/Hong Kong/16176/2009	CY087270		<b>N</b>	N	<b>A</b>	D	<b>T</b>
A/Hong Kong/16418/2009	CY087272		<b>N</b>	N	<b>A</b>	D	<b>T</b>
A/Hong Kong/17270/2009	CY087274		<b>N</b>	N	<b>A</b>	<b>N</b>	<b>T</b>
A/Hong Kong/17566/2009	CY087276		S	N	G	D	<b>T</b>
A/Hong Kong/62768/2008	CY087278		S	<b>S</b>	<b>N</b>	D	<b>T</b>
A/Hong Kong/63799/2008	CY087280		S	<b>S</b>	<b>S</b>	D	<b>T</b>
A/Hong Kong/65446/2008	CY087284		S	<b>S</b>	<b>S</b>	D	<b>T</b>
A/Hong Kong/65101/2008	CY087282		<b>N</b>	N	<b>A</b>	<b>N</b>	<b>T</b>
A/Hong Kong/18295/2009	CY099317		<b>N</b>	N	<b>A</b>	<b>N</b>	<b>T</b>
A/Hong Kong/18443/2009	CY099318	Y	<b>N</b>	N	<b>A</b>	<b>V</b>	<b>T</b>
A/Hong Kong/23800/2009	CY099319		<b>N</b>	N	<b>A</b>	D	<b>T</b>
A/Hong Kong/25119/2009	CY099320		S	<b>S</b>	<b>S</b>	D	<b>T</b>
A/Hong Kong/32794/2009	CY099321		S	N	<b>V</b>	D	<b>T</b>
A/Hong Kong/33955/2009	CY099322		S	<b>S</b>	<b>S</b>	D	<b>T</b>
A/Hong Kong/45537/2009	CY099323		<b>N</b>	N	<b>A</b>	<b>N</b>	<b>T</b>
A/Hong Kong/46035/2009	CY099324		<b>N</b>	N	<b>A</b>	D	<b>T</b>
A/Hong Kong/64989/2009	CY099325		<b>N</b>	N	<b>A</b>	D	<b>T</b>
A/Hong Kong/66641/2009	CY099326		<b>N</b>	N	<b>A</b>	D	<b>T</b>
A/Hong Kong/01078/2009	CY099315		<b>N</b>	N	<b>A</b>	D	<b>T</b>
A/Hong Kong/02701/2009	CY099316		<b>N</b>	N	<b>A</b>	D	<b>T</b>

**Note.**

Boldface font indicates residues which differ from the A/Brisbane/59/2007 sequence