

TABLE S1 Accession numbers of the influenza A(H1N1)pdm09 viruses used in the phylogenetic trees

GISAID isolate ID	Isolate name	Collection date	Week number
EPI_ISL_143715	A/Hiroshima/19/2013	17-04-2013	16
EPI_ISL_145539	A/Shizuoka-C/99/2013	29-05-2013	22
EPI_ISL_154440	A/Saitama/134/2013	28-10-2013	44
EPI_ISL_153618	A/Kanagawa/146/2013	11-11-2013	46
EPI_ISL_154135	A/Yamagata/157/2013	14-11-2013	46
EPI_ISL_154136	A/Yamagata/158/2013	14-11-2013	46
EPI_ISL_152910	A/Sapporo/107/2013	15-11-2013	46
EPI_ISL_152927	A/Sapporo/114/2013	24-11-2013	47
EPI_ISL_152931	A/Sapporo/TH1/2013	25-11-2013	48
EPI_ISL_152928	A/Sapporo/116/2013	26-11-2013	48
EPI_ISL_157055	A/Kanagawa/152/2013	06-Dec-2013	49
EPI_ISL_154457	A/Kawasaki/62/2013	06-Dec-2013	49
EPI_ISL_152929	A/Sapporo/119/2013	07-Dec-2013	49

EPI_ISL_152930	A/Sapporo/120/2013	09-Dec-2013	50
EPI_ISL_154461	A/Sakai/23/2013	15-Dec-2013	50
EPI_ISL_159032	A/Chiba-c/49/2013	16-Dec-2013	51
EPI_ISL_153916	A/Sapporo/125/2013	19-Dec-2013	51
EPI_ISL_153112	A/Mie/27/2013	25-Dec-2013	52
EPI_ISL_153917	A/Sapporo/126/2013	25-Dec-2013	52
EPI_ISL_159035	A/Mie/1/2014	04-Jan-2014	1
EPI_ISL_159036	A/Mie/2/2014	06-Jan-2014	2
EPI_ISL_153918	A/Sapporo/1/2014	06-Jan-2014	2
EPI_ISL_154676	A/Sapporo/2/2014	07-Jan-2014	2
EPI_ISL_156432	A/Hokkaido/2/2014	07-Jan-2014	2
EPI_ISL_157412	A/Tokyo/32556/2014	08-Jan-2014	2
EPI_ISL_154677	A/Sapporo/3/2014	08-Jan-2014	2
EPI_ISL_154678	A/Sapporo/4/2014	09-Jan-2014	2
EPI_ISL_159039	A/Kochi/1/2014	09-Jan-2014	2
EPI_ISL_155839	A/Osaka/8/2014	09-Jan-2014	2

EPI_ISL_159034	A/Yamaguchi/2/2014	09-Jan-2014	2
EPI_ISL_154679	A/Sapporo/5/2014	10-Jan-2014	2
EPI_ISL_154680	A/Sapporo/6/2014	10-Jan-2014	2
EPI_ISL_154683	A/Sapporo/9/2014	10-Jan-2014	2
EPI_ISL_156433	A/Hokkaido/3/2014	10-Jan-2014	2
EPI_ISL_156434	A/Hokkaido/4/2014	10-Jan-2014	2
EPI_ISL_154681	A/Sapporo/7/2014	14-Jan-2014	3
EPI_ISL_156439	A/Sapporo/13/2014	14-Jan-2014	3
EPI_ISL_156443	A/Sapporo/18/2014	14-Jan-2014	3
EPI_ISL_156819	A/Ehime/1/2014	14-Jan-2014	3
EPI_ISL_156436	A/Kochi/2/2014	16-Jan-2014	3
EPI_ISL_156445	A/Sapporo/21/2014	17-Jan-2014	3
EPI_ISL_156449	A/Sapporo/25/2014	17-Jan-2014	3
EPI_ISL_156446	A/Sapporo/22/2014	18-Jan-2014	3
EPI_ISL_156441	A/Sapporo/16/2014	20-Jan-2014	4
EPI_ISL_156442	A/Sapporo/17/2014	20-Jan-2014	4

EPI_ISL_156444	A/Sapporo/19/2014	20-Jan-2014	4
EPI_ISL_156447	A/Sapporo/23/2014	20-Jan-2014	4
EPI_ISL_156448	A/Sapporo/24/2014	20-Jan-2014	4
EPI_ISL_159041	A/Kochi/3/2014	20-Jan-2014	4
EPI_ISL_156841	A/Ehime/5/2014	21-Jan-2014	4
EPI_ISL_156828	A/Sapporo/40/2014	22-Jan-2014	4
EPI_ISL_156830	A/Sapporo/42/2014	22-Jan-2014	4
EPI_ISL_156831	A/Sapporo/43/2014	23-Jan-2014	4
EPI_ISL_156435	A/Hokkaido/5/2014	23-Jan-2014	4
EPI_ISL_160237	A/Gifu-c/18/2014	23-Jan-2014	4
EPI_ISL_157414	A/Hyogo/1190/2014	25-Jan-2014	4
EPI_ISL_156820	A/Sapporo/29/2014	25-Jan-2014	4
EPI_ISL_156822	A/Sapporo/32/2014	25-Jan-2014	4
EPI_ISL_156823	A/Sapporo/33/2014	25-Jan-2014	4
EPI_ISL_157415	A/Hokkaido/9/2014	25-Jan-2014	4
EPI_ISL_156825	A/Sapporo/35/2014	27-Jan-2014	5

EPI_ISL_156833	A/Sapporo/45/2014	27-Jan-2014	5
EPI_ISL_159043	A/Kochi/5/2014	27-Jan-2014	5
EPI_ISL_156849	A/Saitama/49/2014	27-Jan-2014	5
EPI_ISL_156438	A/Yokohama/24/2014	27-Jan-2014	5
EPI_ISL_160238	A/Gifu-c/21/2014	28-Jan-2014	5
EPI_ISL_157416	A/Hokkaido/18/2014	28-Jan-2014	5
EPI_ISL_158797	A/Sapporo/63/2014	28-Jan-2014	5
EPI_ISL_156844	A/Sapporo/62/2014	29-Jan-2014	5
EPI_ISL_156842	A/Ishikawa/38/2014	29-Jan-2014	5
EPI_ISL_158180	A/Tokyo/32668/2014	29-Jan-2014	5
EPI_ISL_156850	A/Kobe/274/2014	30-Jan-2014	5
EPI_ISL_158791	A/Sapporo/54/2014	30-Jan-2014	5
EPI_ISL_156843	A/Sapporo/59/2014	30-Jan-2014	5
EPI_ISL_159038	A/Mie/13/2014	01-Feb-2014	5
EPI_ISL_157052	A/Osaka-c/43/2014	02-Feb-2014	5
EPI_ISL_156846	A/Sapporo/69/2014	03-Feb-2014	6

EPI_ISL_158802	A/Sapporo/71/2014	03-Feb-2014	6
EPI_ISL_158179	A/Tokyo/32026/2014	03-Feb-2014	6
EPI_ISL_156845	A/Sapporo/65/2014	04-Feb-2014	6
EPI_ISL_160236	A/Shizuoka/30/2014	04-Feb-2014	6
EPI_ISL_158805	A/Sapporo/75/2014	05-Feb-2014	6
EPI_ISL_160240	A/Sapporo/83/2014	06-Feb-2014	6
EPI_ISL_157413	A/Yamagata/88/2014	10-Feb-2014	7
EPI_ISL_159389	A/Wakayama-c/76/2014	10-Mar-2014	11
