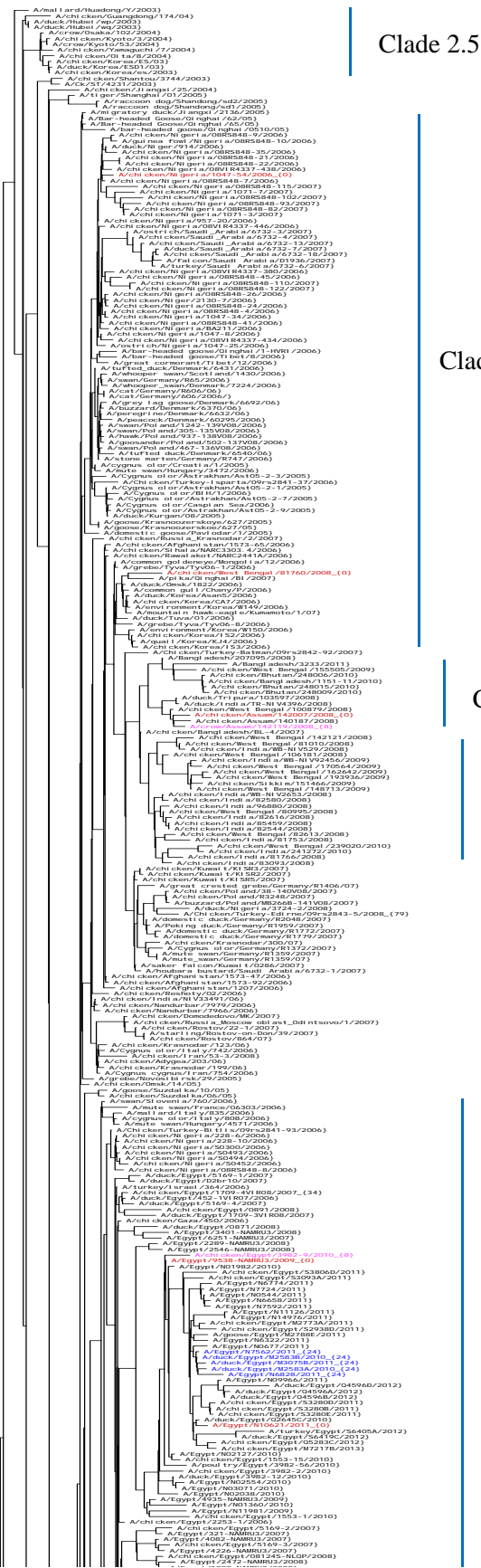


1 **Supplementary Figure 1. Evolutionary relationship of PB1-F2 truncations in H5N1**
2 **viruses.** HA gene sequences of H5N1 viruses were aligned using MAFFT and a maximum-
3 likelihood tree was determined using FastTree. The virus strains having PB1-F2 truncations of
4 24/25, 57 and 8 aa are colored blue, green and fuchsia, respectively. Viruses with mutated
5 initiating ATG are colored red. Clades were defined by taking representative sequences from the
6 WHO/OIE/FAO H5N1 Classification Working Group.

7

8 **Supplementary Table 1. Acknowledgements for influenza virus sequences acquired from**
9 **GISAID.**



Clade 2.5

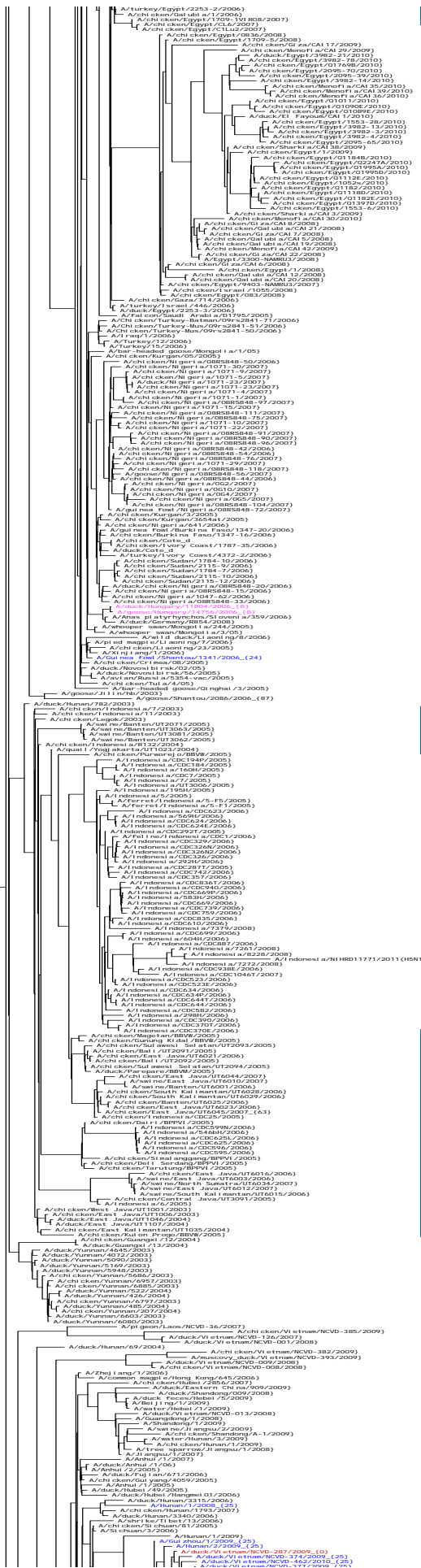
Clade 2.2

Clade 2.2.2.1

Clade 2.2.2

Clade 2.2

Clade 2.2.1



Clades 2.2.1.1, 2.2.1.1a and 2.2.1

Clade 2.2

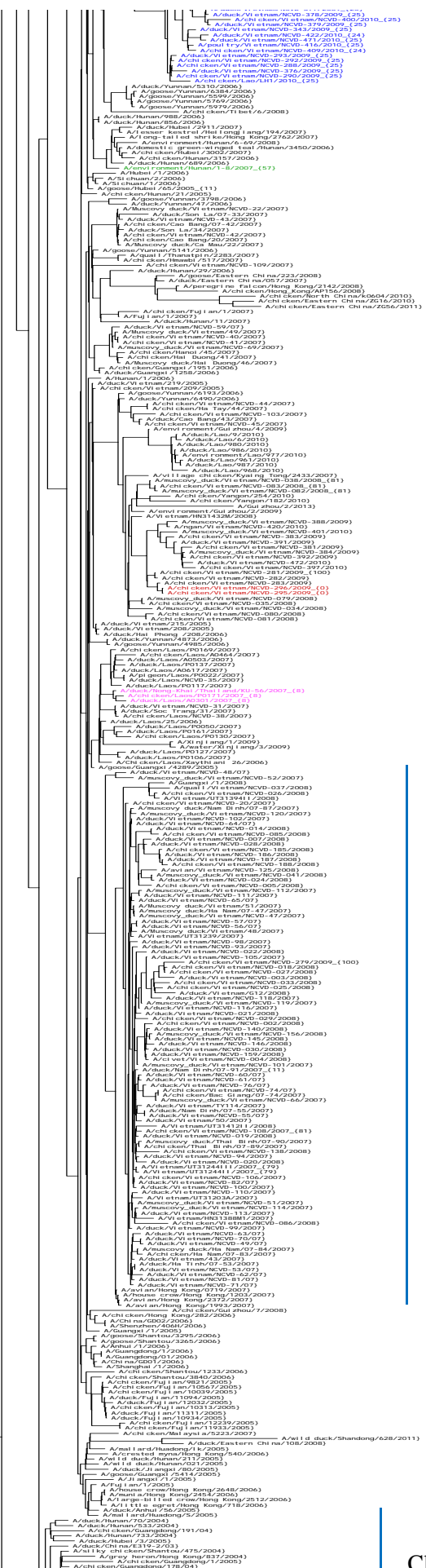
Clade 2.1.1

Clade 2.1.3.2

Clades 2.1.3.1, 2.1.3.3, 2.1.1, 2.1.2 and 2.1.3

Clade 2.4

Clade 2.3.4



Clade 2.3.4.1

Clade 2.3.4

Clade 2.3.4.2

Clade 2.3.4

Clade 2.3.4.3

Clade 2.3.4

Clades 2.3.1 and 2.3.2



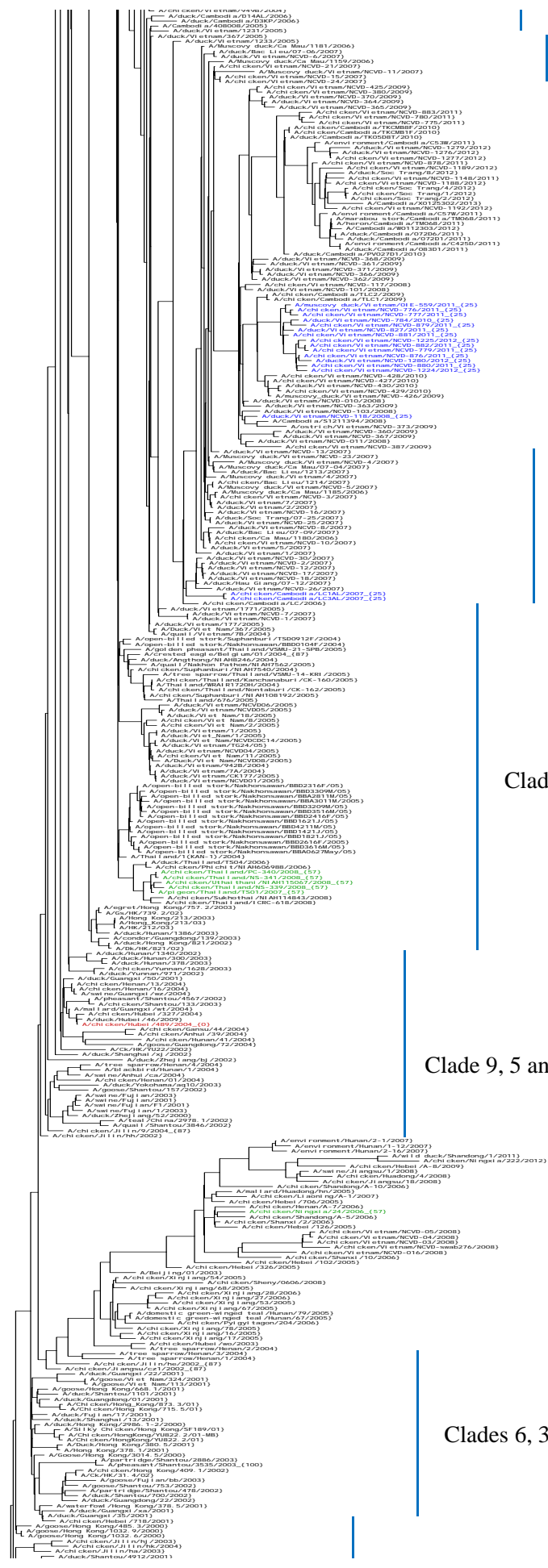
Clades 2.3.2.1 and 2.3.2.1b

Clade 2.3.2.1a

Clade 2.3.2.1c

Clades 2.3.2.1 and 2.3.2.1c

Clade 1



Clade 1.1

Clade 1.1.2

Clade 1.1.1

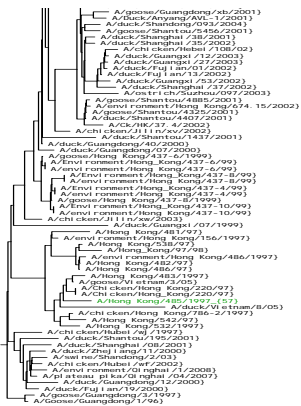
Clade 1.1

Clade 1

Clade 9, 5 and 6

Clades 7, 7.1 and 7.2

Clades 6, 3 and 4



Clade "0"

0.02

Supplementary Table 1

<i>We acknowledge the authors, originating and submitting laboratories of the sequences from GISAID's EpiFlu™ Database on which this research is based. The list is detailed below.</i>						
<i>All submitters of data may be contacted directly via the GISAID website www.gisaid.org</i>						
Segment ID	Segment	Country	Collection date	Isolate name	Originating Lab	Submitting Lab
EPI466488	PB1	China	2013-Apr-06	A/quail/Jiangsu/WX3/2013	Yangzhou University	Chinese Academy of Sciences
EPI490870	PB1	Germany	2013-Apr-11	A/turkey/Germany-NI/R534/2013		Friedrich-Loeffler-Institut
EPI464952	PB1	Italy	2012-Jun-28	A/turkey/Italy/12VIR-8036-2/2012	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI464936	PB1	Italy	2012-Aug-31	A/turkey/Italy/12VIR-6607-5/2012	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI457643	PB1	China	2013-Apr-20	A/homing pigeon/Jiangsu/SD184/2013	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI457635	PB1	China	2013-Apr-03	A/pigeon/Shanghai/S1421/2013	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI457627	PB1	China	2013-Apr-03	A/pigeon/Shanghai/S1423/2013	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI457619	PB1	China	2013-Apr-17	A/wild pigeon/Jiangsu/SD001/2013	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI440699	PB1	China	2013-Apr-02	A/Pigeon/Shanghai/S1069/2013	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI412102	PB1	Germany	2012-Jan-01	A/swine/Germany/R495/2012		Friedrich-Loeffler-Institut
EPI411974	PB1	Germany	2011-Jan-01	A/swine/Germany/R83/2011		Friedrich-Loeffler-Institut
EPI411949	PB1	Germany	2010-Jan-01	A/swine/Germany/R1421/2010		Friedrich-Loeffler-Institut
EPI411929	PB1	Germany	2010-Jan-01	A/swine/Germany/R819/2010		Friedrich-Loeffler-Institut
EPI411906	PB1	Germany	2010-Jan-01	A/swine/Germany/R494/2010		Friedrich-Loeffler-Institut
EPI411887	PB1	Germany	2009-Jan-01	A/swine/Germany/R2807/2009		Friedrich-Loeffler-Institut
EPI411859	PB1	Germany	2009-Jan-01	A/swine/Germany/R325/2009		Friedrich-Loeffler-Institut
EPI497538	PB1	China	2012-Oct-09	A/environment/Jiangxi/02899/2012		WHO Chinese National Influenza Center
EPI497535	PB1	China	2012-Oct-09	A/environment/Jiangxi/02895/2012		WHO Chinese National Influenza Center
EPI497522	PB1	China	2013-Feb-27	A/environment/Jiangxi/00452/2013		WHO Chinese National Influenza Center
EPI497519	PB1	China	2013-Feb-27	A/environment/Jiangxi/00449/2013		WHO Chinese National Influenza Center
EPI497498	PB1	China	2013-Mar-13	A/environment/Chongqing/00516/2013		WHO Chinese National Influenza Center
EPI457723	PB1	China	2013-Apr-30	A/environment/Fujian/SC337/2013	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI457715	PB1	China	2013-Apr-24	A/environment/Henan/SC232/2013	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI457707	PB1	China	2013-Apr-24	A/environment/Henan/SD429/2013	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI457699	PB1	China	2013-May-03	A/environment/Shandong/SD038/2013	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI457691	PB1	China	2013-May-03	A/environment/Shandong/SD039/2013	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI457683	PB1	China	2013-May-03	A/environment/Shandong/SD049/2013	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI457675	PB1	China	2013-Apr-03	A/environment/Shanghai/S1436/2013	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI457667	PB1	China	2013-Apr-03	A/environment/Shanghai/S1437/2013	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI457659	PB1	China	2013-Apr-03	A/environment/Shanghai/S1438/2013	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute

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EPI457651	PB1	China	2013-Apr-03	A/environment/Shanghai/S1439/2013	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI448285	PB1	Bangladesh	2010-May-25	A/environment/Bangladesh/100/2010	Institute of Epidemiology Disease Control	Centers for Disease Control and Prevention
EPI448261	PB1	Bangladesh	2012-Feb-28	A/environment/Bangladesh/1019-G/2012	Institute of Epidemiology Disease Control	Centers for Disease Control and Prevention
EPI448253	PB1	Bangladesh	2011-Dec-30	A/environment/Bangladesh/1017-1/2011	Institute of Epidemiology Disease Control	Centers for Disease Control and Prevention
EPI448245	PB1	Bangladesh	2011-Dec-28	A/environment/Bangladesh/1011/2011	Institute of Epidemiology Disease Control	Centers for Disease Control and Prevention
EPI448237	PB1	Bangladesh	2011-Sep-29	A/environment/Bangladesh/1018/2011	Institute of Epidemiology Disease Control	Centers for Disease Control and Prevention
EPI448117	PB1	Bangladesh	2011-May-29	A/environment/Bangladesh/1017/2011	Institute of Epidemiology Disease Control	Centers for Disease Control and Prevention
EPI447650	PB1	China	2013-Apr-27	A/Environment/Shandong/1/2013		WHO Chinese National Influenza Center
EPI440691	PB1	China	2013-Apr-03	A/Environment/Shanghai/S1088/2013	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI443649	PB1	China	2013-Apr-04	A/environment/Hangzhou/37/2013	Hangzhou Center for Disease Control and Prevention	Hangzhou Center for Disease Control and Prevention
EPI473791	PB1	China	2013-Apr-04	A/environment/Hangzhou/34-2/2013	Hangzhou Center for Disease Control and Prevention	Hangzhou Center for Disease Control and Prevention
EPI468344	PB1	China	2013-Apr-12	A/environment/Hangzhou/109-2/2013	Hangzhou Center for Disease Control and Prevention	Hangzhou Center for Disease Control and Prevention
EPI443673	PB1	China	2013-Apr-12	A/environment/Hangzhou/109-1/2013	Hangzhou Center for Disease Control and Prevention	Hangzhou Center for Disease Control and Prevention
EPI443570	PB1	China	2013-Apr-04	A/environment/Hangzhou/34-1/2013	Hangzhou Center for Disease Control and Prevention	Hangzhou Center for Disease Control and Prevention
EPI491033	PB1	China	2013-May-14	A/environment/Guangdong/C130582	Guangdong Provincial Center for Disease Control and Prevention	Guandong Centers for Disease Control
EPI491025	PB1	China	2013-May-18	A/environment/Guangdong/2013XN1	Guangdong Provincial Center for Disease Control and Prevention	Guandong Centers for Disease Control
EPI491017	PB1	China	2013-May-14	A/environment/Guangdong/C130582	Guangdong Provincial Center for Disease Control and Prevention	Guandong Centers for Disease Control
EPI491009	PB1	China	2013-May-28	A/environment/Guangdong/GD13021	Guangdong Provincial Center for Disease Control and Prevention	Guandong Centers for Disease Control
EPI491001	PB1	China	2013-May-28	A/environment/Guangdong/GD13020	Guangdong Provincial Center for Disease Control and Prevention	Guandong Centers for Disease Control
EPI490993	PB1	China	2013-May-07	A/environment/Guangdong/GD13018	Guangdong Provincial Center for Disease Control and Prevention	Guandong Centers for Disease Control
EPI490985	PB1	China	2013-Apr-17	A/environment/Guangdong/C132800	Guangdong Provincial Center for Disease Control and Prevention	Guandong Centers for Disease Control
EPI490977	PB1	China	2013-Apr-26	A/Environment/Guangdong/C132810	Guangdong Provincial Center for Disease Control and Prevention	Guandong Centers for Disease Control
EPI490969	PB1	China	2013-Apr-26	A/Environment/Guangdong/C132810	Guangdong Provincial Center for Disease Control and Prevention	Guandong Centers for Disease Control
EPI465411	PB1	China	2013-Apr-07	A/Environment/Zhenjiang/h9/2013	Jiangsu Provincial Center for Disease Control and Prevention	institution of microbiology
EPI489318	PB1	United States	2012-Jan-01	A/New York/39/2012 X-233	New York Medical College	Centers for Disease Control and Prevention
EPI432531	PB1	China	2010-Apr-27	r8	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI432523	PB1	China	2010-Apr-27	r78	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI432515	PB1	China	2010-Apr-27	r7	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI432507	PB1	China	2010-Apr-27	r68	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI432499	PB1	China	2010-Apr-27	r678	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI432491	PB1	China	2010-Apr-27	r67	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI432483	PB1	China	2010-Apr-21	r6	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI432475	PB1	China	2010-Apr-21	r58	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI432467	PB1	China	2010-Apr-21	r578	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute

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EPI432459	PB1	China	2010-Apr-21	r57	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432451	PB1	China	2010-Apr-21	r568	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432443	PB1	China	2010-Apr-21	r5678	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432435	PB1	China	2010-Apr-21	r567	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432427	PB1	China	2010-Apr-16	r56	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432419	PB1	China	2010-Apr-16	r5	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432411	PB1	China	2010-Apr-16	r38	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432403	PB1	China	2010-Apr-16	r378	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432395	PB1	China	2010-Apr-16	r37	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432387	PB1	China	2010-Apr-16	r368	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432379	PB1	China	2010-Apr-10	r3678	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432371	PB1	China	2010-Apr-10	r367	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432363	PB1	China	2010-Apr-10	r36	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432355	PB1	China	2010-Apr-10	r358	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432347	PB1	China	2010-Apr-10	r3578	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432339	PB1	China	2010-Apr-03	r357	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432331	PB1	China	2010-Apr-03	r3568	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432323	PB1	China	2010-Apr-03	r35678	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432315	PB1	China	2010-Apr-03	r3567	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432307	PB1	China	2010-Apr-03	r356	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432299	PB1	China	2010-Apr-03	r35	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432291	PB1	China	2010-Apr-03	r3	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432283	PB1	China	2010-Mar-28	r28	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432275	PB1	China	2010-Mar-28	r278	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432267	PB1	China	2010-Mar-28	r27	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432259	PB1	China	2010-Mar-28	r268	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432251	PB1	China	2010-Mar-28	r2678	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432243	PB1	China	2010-Mar-28	r267	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432235	PB1	China	2010-Mar-22	r26	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432227	PB1	China	2010-Mar-22	r258	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432219	PB1	China	2010-Mar-22	r2578	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432211	PB1	China	2010-Mar-22	r257	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432203	PB1	China	2010-Mar-22	r2568	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432195	PB1	China	2010-Mar-22	r25678	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute

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EPI432187	PB1	China	2010-Mar-17	r2567	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432179	PB1	China	2010-Mar-17	r256	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432171	PB1	China	2010-Mar-17	r25	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432163	PB1	China	2010-Mar-17	r238	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432155	PB1	China	2010-Mar-17	r2378	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432147	PB1	China	2010-Mar-17	r237	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432139	PB1	China	2010-Mar-12	r2368	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432131	PB1	China	2010-Mar-12	r23678	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432123	PB1	China	2010-Mar-12	r2367	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432115	PB1	China	2010-Mar-12	r236	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432107	PB1	China	2010-Mar-12	r2358	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432099	PB1	China	2010-Mar-12	r23578	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432091	PB1	China	2010-Mar-07	r2357	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432083	PB1	China	2010-Mar-07	r23568	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432075	PB1	China	2010-Mar-07	r235678	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432067	PB1	China	2010-Mar-07	r23567	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432059	PB1	China	2010-Mar-07	r2356	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432051	PB1	China	2010-Mar-07	r235	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432043	PB1	China	2010-Mar-02	r23	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432035	PB1	China	2010-Mar-02	r2	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432027	PB1	China	2010-Mar-02	r18	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432019	PB1	China	2010-Mar-02	r178	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432011	PB1	China	2010-Mar-02	r17	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432003	PB1	China	2010-Mar-02	r168	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431995	PB1	China	2012-Feb-25	r1678	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431987	PB1	China	2012-Feb-25	r167	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431979	PB1	China	2012-Feb-25	r16	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431971	PB1	China	2012-Feb-25	r158	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431963	PB1	China	2012-Feb-25	r1578	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431955	PB1	China	2012-Feb-25	r157	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431947	PB1	China	2010-Feb-18	r1568	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431939	PB1	China	2010-Feb-18	r15678	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431931	PB1	China	2010-Feb-18	r1567	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431923	PB1	China	2010-Feb-18	r156	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute

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EPI431915	PB1	China	2010-Feb-18	r15	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431907	PB1	China	2010-Feb-18	r138	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431899	PB1	China	2010-Feb-10	r1378	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431891	PB1	China	2010-Feb-10	r137	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431883	PB1	China	2010-Feb-10	r1368	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431875	PB1	China	2010-Feb-10	r13678	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431867	PB1	China	2010-Feb-10	r1367	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431859	PB1	China	2010-Feb-10	r136	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431851	PB1	China	2010-Feb-05	r1358	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431843	PB1	China	2010-Feb-05	r13578	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431835	PB1	China	2010-Feb-05	r1357	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431827	PB1	China	2010-Feb-05	r13568	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431819	PB1	China	2010-Feb-05	r135678	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431811	PB1	China	2010-Feb-05	r13567	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431803	PB1	China	2010-Jan-31	r1356	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431795	PB1	China	2010-Jan-31	r135	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431787	PB1	China	2010-Jan-31	r13	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431779	PB1	China	2010-Jan-31	r128	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431771	PB1	China	2010-Jan-31	r1278	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431763	PB1	China	2010-Jan-31	r127	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431755	PB1	China	2010-Jan-26	r1268	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431747	PB1	China	2010-Jan-26	r12678	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431739	PB1	China	2010-Jan-26	r1267	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431731	PB1	China	2010-Jan-26	r126	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431723	PB1	China	2010-Jan-26	r1258	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431715	PB1	China	2010-Jan-26	r12578	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431707	PB1	China	2010-Jan-20	r1257	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431699	PB1	China	2010-Jan-20	r12568	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431691	PB1	China	2010-Jan-20	r125678	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431683	PB1	China	2010-Jan-20	r12567	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431675	PB1	China	2010-Jan-20	r1256	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431667	PB1	China	2010-Jan-20	r125	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431659	PB1	China	2010-Jan-16	r1238	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431651	PB1	China	2010-Jan-16	r12378	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute

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EPI431643	PB1	China	2010-Jan-16	r1237	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431635	PB1	China	2010-Jan-16	r12368	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431627	PB1	China	2010-Jan-16	r123678	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431619	PB1	China	2010-Jan-16	r12367	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431611	PB1	China	2010-Jan-10	r1236	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431603	PB1	China	2010-Jan-10	r12358	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431595	PB1	China	2010-Jan-10	r123578	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431587	PB1	China	2010-Jan-10	r12357	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431579	PB1	China	2010-Jan-10	r123568	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431571	PB1	China	2010-Jan-10	r1235678	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431563	PB1	China	2010-Jan-04	r123567	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431555	PB1	China	2010-Jan-04	r12356	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431547	PB1	China	2010-Jan-04	r1235	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431539	PB1	China	2010-Jan-04	r123	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431531	PB1	China	2010-Jan-04	r12	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431523	PB1	China	2010-Jan-04	r1	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI499443	PB1	Japan	2013-Nov-25	A/SAPPORO/TH1/2013	Virus Research Center, Sendai Med	National Institute of Infectious Diseases (NIID)
EPI499445	PB1	Japan	2013-Nov-24	A/SAPPORO/114/2013	Sapporo City Institute of Public Hea	National Institute of Infectious Diseases (NIID)
EPI497666	PB1	United State	2013-Jul-05	A/Utah/07/2013	Utah Department of Health	Centers for Disease Control and Prevention
EPI503930	PB1	Australia	2013-Jun-16	A/Victoria/506/2013	WHO Collaborating Centre for Refe	Centers for Disease Control and Prevention
EPI497483	PB1	China	2013-Dec-04	A/Jiangxi-Donghu/346/2013		WHO Chinese National Influenza Center
EPI492811	PB1	United State	2013-Nov-04	A/Mississippi/11/2013	Mississippi Public Health Laborator	Centers for Disease Control and Prevention
EPI492803	PB1	United State	2013-Nov-11	A/Louisiana/13/2013	Louisiana Department of Health an	Centers for Disease Control and Prevention
EPI492715	PB1	Bangladesh	2013-May-12	A/Bangladesh/9269/2013	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI503941	PB1	Costa Rica	2013-Jul-26	A/Costa Rica/4700/2013	Laboratorio Nacional de Influenza	Centers for Disease Control and Prevention
EPI492684	PB1	United State	2013-Jul-10	A/Massachusetts/11/2013	Massachusetts Department of Publ	Centers for Disease Control and Prevention
EPI539676	PB1	Australia	2013-Sep-23	A/SOUTH AUSTRALIA/77/2013	Institute of Medical and Veterinary	WHO Collaborating Centre for Reference and Research on Influenza
EPI539681	PB1	Australia	2013-Jun-29	A/TOWNSVILLE/41/2013	Queensland Health Scientific Servic	WHO Collaborating Centre for Reference and Research on Influenza
EPI539656	PB1	Papua New	2013-Jul-02	A/GOROKA/27/2013	Papua New Guinea Institute of Med	WHO Collaborating Centre for Reference and Research on Influenza
EPI490880	PB1	Hong Kong	2013-Nov-30	A/Hong Kong/5942/2013	Public Health Laboratory Services B	Public Health Laboratory Services Branch, Centre for Health Protection
EPI490091	PB1	United State	2012-Oct-20	A/New York/39/2012	New York State Department of Hea	Centers for Disease Control and Prevention
EPI489310	PB1	United State	2013-Jul-10	A/Massachusetts/11/2013	Massachusetts Department of Publ	Centers for Disease Control and Prevention
EPI489298	PB1	United State	2013-Jul-05	A/Utah/07/2013	Utah Department of Health	Centers for Disease Control and Prevention
EPI500846	PB1	Costa Rica	2013-Aug-05	A/Costa Rica/5802/2013	Laboratorio Nacional de Influenza	Centers for Disease Control and Prevention

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EPI487730	PB1	United States	2013-Oct-29	A/Utah/10/2013	Utah Department of Health	Centers for Disease Control and Prevention
EPI486650	PB1	United States	2013-Oct-21	A/Louisiana/10/2013	Louisiana Department of Health and Hospitals	Centers for Disease Control and Prevention
EPI486642	PB1	United States	2013-Oct-23	A/Louisiana/11/2013	Louisiana Department of Health and Hospitals	Centers for Disease Control and Prevention
EPI486634	PB1	United States	2013-Oct-09	A/Louisiana/12/2013	Louisiana Department of Health and Hospitals	Centers for Disease Control and Prevention
EPI503469	PB1	Hong Kong	2013-Sep-19	A/Hong Kong/5008/2013	Government Virus Unit	Centers for Disease Control and Prevention
EPI485806	PB1	Costa Rica	2013-Jul-26	A/Costa Rica/4700/2013	Laboratorio Nacional de Influenza	Centers for Disease Control and Prevention
EPI485798	PB1	Costa Rica	2013-Jul-26	A/Costa Rica/4700/2013	Laboratorio Nacional de Influenza	Centers for Disease Control and Prevention
EPI485785	PB1	United States	2013-Oct-09	A/Louisiana/08/2013	Louisiana Department of Health and Hospitals	Centers for Disease Control and Prevention
EPI485777	PB1	United States	2013-Oct-07	A/Louisiana/07/2013	Louisiana Department of Health and Hospitals	Centers for Disease Control and Prevention
EPI485579	PB1	Cambodia	2013-Jan-25	A/Cambodia/X0125302/2013	Institut Pasteur in Cambodia	Institut Pasteur in Cambodia
EPI484689	PB1	Sweden	2009-Sep-02	A/Umea/4/2009/		Swedish National Institute for Communicable Disease Control
EPI484681	PB1	Sweden	2011-Oct-06	A/Stockholm/26/2011		Swedish National Institute for Communicable Disease Control
EPI484673	PB1	Sweden	2012-Mar-11	A/Stockholm/14/2012		Swedish National Institute for Communicable Disease Control
EPI484665	PB1	Sweden	2011-Dec-28	A/Stockholm/43/2011		Swedish National Institute for Communicable Disease Control
EPI484657	PB1	Sweden	2012-Jan-12	A/Stockholm/12/2012		Swedish National Institute for Communicable Disease Control
EPI484649	PB1	Sweden	2011-Oct-31	A/Stockholm/29/2011		Swedish National Institute for Communicable Disease Control
EPI484641	PB1	Sweden	2012-Apr-14	A/Stockholm/19/2012		Swedish National Institute for Communicable Disease Control
EPI484633	PB1	Sweden	2011-Dec-26	A/Stockholm/42/2011		Swedish National Institute for Communicable Disease Control
EPI484625	PB1	Sweden	2012-Jan-02	A/Stockholm/1/2012		Swedish National Institute for Communicable Disease Control
EPI484617	PB1	Sweden	2010-Dec-13	A/Stockholm/13/2010		Swedish National Institute for Communicable Disease Control
EPI484609	PB1	Sweden	2009-Jun-11	A/Stockholm/45/2009		Swedish National Institute for Communicable Disease Control
EPI484571	PB1	Bangladesh	2013-May-07	A/Bangladesh/9334/2013	Institute of Epidemiology Disease Control and Prevention	Centers for Disease Control and Prevention
EPI484563	PB1	United States	2013-Jul-14	A/Georgia/03/2013	Georgia Public Health Laboratory	Centers for Disease Control and Prevention
EPI484735	PB1	Costa Rica	2013-Jul-23	A/Costa Rica/4009/2013	Laboratorio Nacional de Influenza	Centers for Disease Control and Prevention
EPI484550	PB1	Costa Rica	2013-Jul-23	A/Costa Rica/4009/2013	Laboratorio Nacional de Influenza	Centers for Disease Control and Prevention
EPI484539	PB1	United States	2013-Jul-10	A/Massachusetts/11/2013	Massachusetts Department of Public Health	Centers for Disease Control and Prevention
EPI484522	PB1	Kenya	2013-Apr-29	A/Kenya/118/2013	CDC-Kenya	Centers for Disease Control and Prevention
EPI484514	PB1	United States	2013-Aug-15	A/Arkansas/13/2013	Arkansas Department of Health	Centers for Disease Control and Prevention
EPI484420	PB1	Sweden	2013-Mar-22	A/Sweden/137/2013		Swedish National Institute for Communicable Disease Control
EPI484412	PB1	Sweden	2013-Mar-10	A/Sweden/136/2013		Swedish National Institute for Communicable Disease Control
EPI484404	PB1	Sweden	2013-Feb-24	A/Sweden/135/2013		Swedish National Institute for Communicable Disease Control
EPI484396	PB1	Sweden	2013-Feb-22	A/Sweden/134/2013		Swedish National Institute for Communicable Disease Control
EPI484388	PB1	Sweden	2013-Feb-18	A/Sweden/133/2013		Swedish National Institute for Communicable Disease Control
EPI484380	PB1	Sweden	2013-Feb-15	A/Sweden/132/2013		Swedish National Institute for Communicable Disease Control

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EPI484372	PB1	Sweden	2013-Feb-15	A/Sweden/131/2013		Swedish National Institute for Communicable Disease Control
EPI484364	PB1	Sweden	2013-Feb-12	A/Sweden/130/2013		Swedish National Institute for Communicable Disease Control
EPI484356	PB1	Sweden	2013-Feb-11	A/Sweden/129/2013		Swedish National Institute for Communicable Disease Control
EPI484348	PB1	Sweden	2013-Feb-05	A/Sweden/128/2013		Swedish National Institute for Communicable Disease Control
EPI484340	PB1	Sweden	2013-Jan-31	A/Sweden/127/2013		Swedish National Institute for Communicable Disease Control
EPI484332	PB1	Sweden	2013-Jan-28	A/Sweden/126/2013		Swedish National Institute for Communicable Disease Control
EPI484324	PB1	Sweden	2013-Jan-22	A/Sweden/125/2013		Swedish National Institute for Communicable Disease Control
EPI484316	PB1	Sweden	2013-Jan-23	A/Sweden/124/2013		Swedish National Institute for Communicable Disease Control
EPI484308	PB1	Sweden	2013-Jan-18	A/Sweden/123/2013		Swedish National Institute for Communicable Disease Control
EPI484300	PB1	Sweden	2013-Jan-16	A/Sweden/122/2013		Swedish National Institute for Communicable Disease Control
EPI484284	PB1	Sweden	2013-Jan-11	A/Sweden/121/2013	Swedish Institute for Infectious Dis	Swedish National Institute for Communicable Disease Control
EPI484277	PB1	Sweden	2013-Jan-17	A/Sweden/120/2013	Swedish Institute for Infectious Dis	Swedish National Institute for Communicable Disease Control
EPI484269	PB1	Sweden	2013-Jan-13	A/Sweden/119/2013	Swedish Institute for Infectious Dis	Swedish National Institute for Communicable Disease Control
EPI484261	PB1	Sweden	2013-Jan-07	A/Sweden/118/2013	Swedish Institute for Infectious Dis	Swedish National Institute for Communicable Disease Control
EPI484253	PB1	Sweden	2013-Jan-03	A/Sweden/117/2013	Swedish Institute for Infectious Dis	Swedish National Institute for Communicable Disease Control
EPI484245	PB1	Sweden	2012-Dec-27	A/Sweden/35/2012	Swedish Institute for Infectious Dis	Swedish National Institute for Communicable Disease Control
EPI484238	PB1	Sweden	2012-Dec-25	A/Sweden/34/2012	Swedish Institute for Infectious Dis	Swedish National Institute for Communicable Disease Control
EPI484230	PB1	Sweden	2012-Dec-23	A/Sweden/33/2012	Swedish Institute for Infectious Dis	Swedish National Institute for Communicable Disease Control
EPI484222	PB1	Sweden	2012-Dec-20	A/Sweden/32/2012	Swedish Institute for Infectious Dis	Swedish National Institute for Communicable Disease Control
EPI484216	PB1	Sweden	2012-Dec-20	A/Sweden/31/2012		Swedish National Institute for Communicable Disease Control
EPI482823	PB1	United States	2013-Oct-01	A/Iowa/04/2013	Iowa State Hygienic Laboratory	Centers for Disease Control and Prevention
EPI482797	PB1	United States	2009-Feb-13	A/Iowa/02/2009	Iowa State Hygienic Laboratory	Centers for Disease Control and Prevention
EPI482783	PB1	United States	2013-Sep-06	A/Arkansas/15/2013	Arkansas Department of Health	Centers for Disease Control and Prevention
EPI477632	PB1	Australia	2013-Mar-11	A/TOWNSVILLE/23/2013		WHO Collaborating Centre for Reference and Research on Influenza
EPI477501	PB1	Australia	2013-Feb-09	A/TOWNSVILLE/5/2013	Queensland Health Scientific Servid	WHO Collaborating Centre for Reference and Research on Influenza
EPI477493	PB1	Australia	2013-Mar-04	A/SYDNEY/506/2013	Prince of Wales Hospital	WHO Collaborating Centre for Reference and Research on Influenza
EPI477485	PB1	Sri Lanka	2013-May-04	A/SRI LANKA/30/2013	Medical Research Institute	WHO Collaborating Centre for Reference and Research on Influenza
EPI477477	PB1	Sri Lanka	2013-Feb-27	A/SRI LANKA/27/2013	Medical Research Institute	WHO Collaborating Centre for Reference and Research on Influenza
EPI477469	PB1	Australia	2013-Mar-26	A/DARWIN/56/2013	Royal Darwin Hospital	WHO Collaborating Centre for Reference and Research on Influenza
EPI477447	PB1	China	2013-Oct-14	A/Zhejiang/DTID-ZJU10/2013	The First Affiliated Hospital, College	Shanghai Zhijiang Biotechnology Co.,Ltd
EPI477408	PB1	China	2013-Oct-14	A/Zhejiang/22/2013	Zhejiang Provincial Center for Disea	Zhejiang Provincial Center for Disease Control and Prevention
EPI477400	PB1	China	2013-Apr-24	A/Zhejiang/20/2013	Zhejiang Provincial Center for Disea	Zhejiang Provincial Center for Disease Control and Prevention
EPI471100	PB1	United States	2013-Sep-06	A/Arkansas/14/2013	Arkansas Department of Health	Centers for Disease Control and Prevention
EPI467446	PB1	Australia	2013-Jun-17	A/Victoria/505/2013	WHO Collaborating Centre for Refe	Centers for Disease Control and Prevention

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EPI467438	PB1	American Samoa	2013-Feb-22	A/American Samoa/4786/2013	State of Hawaii Department of Health	Centers for Disease Control and Prevention
EPI467264	PB1	Australia	2013-May-23	A/South Australia/17/2013	WHO Collaborating Centre for Reference and Surveillance on Influenza	Centers for Disease Control and Prevention
EPI467216	PB1	United States	2013-Aug-21	A/Indiana/21/2013	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI499463	PB1	Japan	2013-May-29	A/SHIZUOKA-C/99/2013	Shizuoka City Institute of Environmental Health Science	National Institute of Infectious Diseases (NIID)
EPI468084	PB1	Puerto Rico	2013-Jun-14	A/Puerto Rico/01/2013	Puerto Rico Department of Health	Centers for Disease Control and Prevention
EPI466903	PB1	American Samoa	2013-Feb-22	A/American Samoa/4786/2013	State of Hawaii Department of Health	Centers for Disease Control and Prevention
EPI466895	PB1	Bolivia, Plurinational	2013-Jun-08	A/Bolivia/559/2013	Instituto Nacional de Laboratorios de Referencia	Centers for Disease Control and Prevention
EPI466887	PB1	Ukraine	2013-Apr-06	A/Ukraine/387/2013	Institute of Epidemiology and Infectious Diseases	Centers for Disease Control and Prevention
EPI466872	PB1	Dominican Republic	2013-May-01	A/Dominican Republic/7293/2013	Laboratorio de Investigacion / Centro de Referencia y Vigilancia de Influenza	Centers for Disease Control and Prevention
EPI466864	PB1	United States	2013-Mar-06	A/Maryland/04/2013	Maryland Department of Health and General Services	Centers for Disease Control and Prevention
EPI466850	PB1	Ukraine	2013-Mar-20	A/Zaporizza/417/2013	Institute of Epidemiology and Infectious Diseases	Centers for Disease Control and Prevention
EPI466843	PB1	Brazil	2013-May-22	A/Brazil/0328/2013	Instituto Adolfo Lutz	Centers for Disease Control and Prevention
EPI466835	PB1	Bolivia, Plurinational	2013-Jun-08	A/Bolivia/559/2013	Instituto Nacional de Laboratorios de Referencia	Centers for Disease Control and Prevention
EPI466827	PB1	United States	2013-Jul-05	A/Utah/07/2013	Utah Department of Health	Centers for Disease Control and Prevention
EPI468081	PB1	Dominican Republic	2013-May-01	A/Dominican Republic/7293/2013	Laboratorio de Investigacion / Centro de Referencia y Vigilancia de Influenza	Centers for Disease Control and Prevention
EPI466813	PB1	Haiti	2013-Jun-02	A/Haiti/1790/2013	Caribbean Epidemiology Center	Centers for Disease Control and Prevention
EPI466055	PB1	Finland	2009-Nov-15	A/Finland/722/2009(H1N1)	Helsingin-Uusimaa Labotariokeskus	Institute for Molecular Medicine Finland (FIMM)
EPI466047	PB1	Finland	2009-Nov-12	A/Finland/721/2009(H1N1)	Helsingin-Uusimaa Labotariokeskus	Institute for Molecular Medicine Finland (FIMM)
EPI466039	PB1	Finland	2009-Nov-12	A/Finland/720/2009(H1N1)	Helsingin-Uusimaa Labotariokeskus	Institute for Molecular Medicine Finland (FIMM)
EPI466031	PB1	Finland	2009-Nov-12	A/Finland/719/2009(H1N1)	Helsingin-Uusimaa Labotariokeskus	Institute for Molecular Medicine Finland (FIMM)
EPI466023	PB1	Finland	2009-Nov-11	A/Finland/718/2009(H1N1)	Helsingin-Uusimaa Labotariokeskus	Institute for Molecular Medicine Finland (FIMM)
EPI466015	PB1	Finland	2009-Nov-11	A/Finland/717/2009(H1N1)	Helsingin-Uusimaa Labotariokeskus	Institute for Molecular Medicine Finland (FIMM)
EPI466007	PB1	Finland	2009-Oct-26	A/Finland/716/2009(H1N1)	Helsingin-Uusimaa Labotariokeskus	Institute for Molecular Medicine Finland (FIMM)
EPI465999	PB1	Finland	2009-Dec-14	A/Finland/715/2009(H1N1)	Ita-Suomen Labotariokeskus	Institute for Molecular Medicine Finland (FIMM)
EPI465991	PB1	Finland	2009-Nov-23	A/Finland/714/2009(H1N1)	Ita-Suomen Labotariokeskus	Institute for Molecular Medicine Finland (FIMM)
EPI465983	PB1	Finland	2009-Nov-06	A/Finland/713/2009(H1N1)	Ita-Suomen Labotariokeskus	Institute for Molecular Medicine Finland (FIMM)
EPI465371	PB1	United States	2013-Aug-03	A/Indiana/11/2013	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI465363	PB1	United States	2013-Jul-29	A/Illinois/03/2013	Illinois Department of Public Health	Centers for Disease Control and Prevention
EPI464868	PB1	United States	2013-Jul-22	A/Ohio/05/2013	Ohio Department of Health Laboratory	Centers for Disease Control and Prevention
EPI464509	PB1	United States	2013-Jul-16	A/Indiana/10/2013	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI461881	PB1	United States	2013-Jul-01	A/Indiana/09/2013	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI499458	PB1	Japan	2013-Apr-17	A/HIROSHIMA/19/2013	Center for Public Health and Environmental Health Sciences	National Institute of Infectious Diseases (NIID)
EPI460821	PB1	Peru	2013-Apr-19	A/Peru/106/2013	US NAMRU-6	Centers for Disease Control and Prevention
EPI460773	PB1	China	2013-Apr-25	A/Nanjing/5/2013		institute of microbiology

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EPI460765	PB1	China	2013-Apr-19	A/Nanjing/3/2013	Jiangsu Provincial Center for Disease Control and Prevention	institute of microbiology
EPI460749	PB1	China	2013-Apr-09	A/Nanjing/f0874/2013	Jiangsu Provincial Center for Disease Control and Prevention	institute of microbiology
EPI460740	PB1	United States	2013-Jun-20	A/Indiana/04/2013	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI459853	PB1	Taiwan	2013-May-07	A/Taiwan/2/2013	National Influenza Center, Centers for Disease Control and Prevention	Taiwan CDC
EPI451329	PB1	China	2013-May-01	A/Shanghai/Patient5/2013	Shanghai public health clinical center	Institute Pasteur of Shanghai, CAS
EPI451281	PB1	China	2013-May-01	A/Shanghai/Patient3/2013	Shanghai public health clinical center	Institute Pasteur of Shanghai, CAS
EPI451270	PB1	China	2013-May-01	A/Shanghai/Patient6/2013	Shanghai public health clinical center	Institute Pasteur of Shanghai, CAS
EPI451260	PB1	China	2013-May-01	A/Shanghai/Patient14/2013	Shanghai public health clinical center	Institute Pasteur of Shanghai, CAS
EPI451251	PB1	China	2013-May-01	A/Shanghai/Patient2/2013	Shanghai public health clinical center	Institute Pasteur of Shanghai, CAS
EPI451016	PB1		2013-May-01	A/Shanghai/patient1/2013	Shanghai public health clinical center	Institute Pasteur of Shanghai, CAS
EPI453648	PB1	China	2013-Apr-26	A/Nanjing/M2/2013	Jiangsu Provincial Center for Disease Control and Prevention	institute of microbiology
EPI456673	PB1	China	2013-Apr-26	A/Nanjing/M1/2013	Jiangsu Provincial Center for Disease Control and Prevention	institute of microbiology
EPI450291	PB1	Australia	2013-Jan-09	A/SOUTH AUSTRALIA/2/2013	Institute of Medical and Veterinary Science	WHO Collaborating Centre for Reference and Research on Influenza
EPI450280	PB1	Thailand	2012-Dec-03	A/SONG KHLA/416/2012	WHO National Influenza Centre, Nakhon Phanom	WHO Collaborating Centre for Reference and Research on Influenza
EPI450263	PB1	Australia	2012-Dec-24	A/PERTH/298/2012	Pathwest QE II Medical Centre	WHO Collaborating Centre for Reference and Research on Influenza
EPI0	PB1	Australia	2013-Jan-14	A/NEWCASTLE/1/2013	John Hunter Hospital, Virology Unit	WHO Collaborating Centre for Reference and Research on Influenza
EPI450226	PB1	Australia	2013-Jan-07	A/BRISBANE/6/2013	Queensland Health Scientific Services	WHO Collaborating Centre for Reference and Research on Influenza
EPI448093	PB1	Bangladesh	2011-Mar-07	A/Bangladesh/5487/2011	Institute of Epidemiology Disease Control and Prevention	Centers for Disease Control and Prevention
EPI447636	PB1	China	2013-Apr-21	A/Anhui/03/2013		WHO Chinese National Influenza Center
EPI447643	PB1	China	2013-Apr-14	A/Anhui/02/2013		WHO Chinese National Influenza Center
EPI447657	PB1	China	2013-Apr-09	A/Jiangsu/09/2013		WHO Chinese National Influenza Center
EPI447664	PB1	China	2013-Apr-11	A/Jiangsu/08/2013		WHO Chinese National Influenza Center
EPI447671	PB1	China	2013-Apr-03	A/Jiangsu/07/2013		WHO Chinese National Influenza Center
EPI447678	PB1	China	2013-Apr-10	A/Jiangsu/06/2013		WHO Chinese National Influenza Center
EPI447685	PB1	China	2013-Apr-08	A/Jiangsu/05/2013		WHO Chinese National Influenza Center
EPI447692	PB1	China	2013-Apr-25	A/Hunan/02/2013		WHO Chinese National Influenza Center
EPI447699	PB1	China	2013-Apr-24	A/Hunan/01/2013		WHO Chinese National Influenza Center
EPI447706	PB1	China	2013-Apr-24	A/Jiangxi/01/2013		WHO Chinese National Influenza Center
EPI447713	PB1	China	2013-Apr-23	A/Fujian/01/2013		WHO Chinese National Influenza Center
EPI447720	PB1	China	2013-Apr-21	A/Shandong/01/2013		WHO Chinese National Influenza Center
EPI447727	PB1	China	2013-Apr-16	A/Henan/01/2013		WHO Chinese National Influenza Center
EPI447734	PB1	China	2013-Apr-10	A/Shanghai/16/2013		WHO Chinese National Influenza Center
EPI447741	PB1	China	2013-Apr-09	A/Shanghai/15/2013		WHO Chinese National Influenza Center
EPI447748	PB1	China	2013-Apr-03	A/Zhejiang/02/2013		WHO Chinese National Influenza Center

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EPI447755	PB1	China	2013-Apr-08	A/Shanghai/9/2013		WHO Chinese National Influenza Center
EPI447762	PB1	China	2013-Apr-07	A/Shanghai/8/2013		WHO Chinese National Influenza Center
EPI447769	PB1	China	2013-Apr-03	A/Shanghai/17/2013		WHO Chinese National Influenza Center
EPI447777	PB1	China	2013-Apr-10	A/Shanghai/14/2013		WHO Chinese National Influenza Center
EPI447784	PB1	China	2013-Apr-10	A/Shanghai/13/2013		WHO Chinese National Influenza Center
EPI447793	PB1	China	2013-Apr-10	A/Shanghai/12/2013		WHO Chinese National Influenza Center
EPI447801	PB1	China	2013-Apr-10	A/Shanghai/11/2013		WHO Chinese National Influenza Center
EPI447809	PB1	China	2013-Apr-09	A/Shanghai/10/2013		WHO Chinese National Influenza Center
EPI447822	PB1	China	2013-Apr-10	A/Shanghai/06-A/2013		WHO Chinese National Influenza Center
EPI447836	PB1	China	2013-Apr-12	A/Beijing/01-A/2013		WHO Chinese National Influenza Center
EPI447850	PB1	China	2013-Apr-05	A/Jiangsu/04/2013		WHO Chinese National Influenza Center
EPI447863	PB1	China	2013-Apr-06	A/jiangsu/03/2013		WHO Chinese National Influenza Center
EPI447876	PB1	China	2013-Mar-31	A/Jiangsu/02/2013		WHO Chinese National Influenza Center
EPI447897	PB1	China	2013-Mar-18	A/Shanghai/07/2013		WHO Chinese National Influenza Center
EPI447910	PB1	China	2013-Apr-02	A/shanghai/05/2013		WHO Chinese National Influenza Center
EPI447920	PB1	China	2013-Mar-30	A/Jiangsu/01/2013		WHO Chinese National Influenza Center
EPI447183	PB1	Russian Fed	2013-Mar-20	A/St. Petersburg/151/2013	Russian Academy of Medical Sciences	Centers for Disease Control and Prevention
EPI446153	PB1	Kenya	2010-Jun-12	A/Nairobi/97/2010	ARI Unit, Kenya Medical Research Institute	Kenya Medical Research Institute
EPI446140	PB1	Kenya	2010-Jun-04	A/Nairobi/80/2010	ARI Unit, Kenya Medical Research Institute	Kenya Medical Research Institute
EPI446132	PB1	Kenya	2010-Jun-04	A/Nairobi/72/2010	ARI Unit, Kenya Medical Research Institute	Kenya Medical Research Institute
EPI446124	PB1	Kenya	2010-Mar-25	A/Nairobi/25/2010	ARI Unit, Kenya Medical Research Institute	Kenya Medical Research Institute
EPI446116	PB1	Kenya	2010-Mar-25	A/Nairobi/24/2010	ARI Unit, Kenya Medical Research Institute	Kenya Medical Research Institute
EPI446108	PB1	Kenya	2010-Mar-20	A/Nairobi/21/2010	ARI Unit, Kenya Medical Research Institute	Kenya Medical Research Institute
EPI446100	PB1	Kenya	2010-Mar-20	A/Nairobi/20/2010	ARI Unit, Kenya Medical Research Institute	Kenya Medical Research Institute
EPI446092	PB1	Kenya	2010-Jan-21	A/Kijabe/16/2010	ARI Unit, Kenya Medical Research Institute	Kenya Medical Research Institute
EPI446084	PB1	Kenya	2010-Mar-12	A/Nairobi/11/2010	ARI Unit, Kenya Medical Research Institute	Kenya Medical Research Institute
EPI446076	PB1	Kenya	2009-Dec-09	A/Nairobi/16/2009	ARI Unit, Kenya Medical Research Institute	Kenya Medical Research Institute
EPI446069	PB1	Kenya	2009-Nov-04	A/Nairobi/3/2009	ARI Unit, Kenya Medical Research Institute	Kenya Medical Research Institute
EPI446062	PB1	Kenya	2009-Oct-27	A/Kikuyu/185/2009	ARI Unit, Kenya Medical Research Institute	Kenya Medical Research Institute
EPI446055	PB1	Kenya	2009-Oct-27	A/Kikuyu/184/2009	ARI Unit, Kenya Medical Research Institute	Kenya Medical Research Institute
EPI446048	PB1	Kenya	2009-Oct-12	A/Kisii/115/2009	ARI Unit, Kenya Medical Research Institute	Kenya Medical Research Institute
EPI446041	PB1	Kenya	2009-Oct-15	A/Kisii/143/2009	ARI Unit, Kenya Medical Research Institute	Kenya Medical Research Institute
EPI446034	PB1	Kenya	2009-Oct-29	A/Kisii/205/2009	ARI Unit, Kenya Medical Research Institute	Kenya Medical Research Institute
EPI446027	PB1	Kenya	2009-Oct-29	A/Kakamega/215/2009	ARI Unit, Kenya Medical Research Institute	Kenya Medical Research Institute

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EPI446018	PB1	Kenya	2009-Oct-03	A/Nairobi/37/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI446010	PB1	Kenya	2009-Oct-02	A/Mombasa/27/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI445994	PB1	Bangladesh	2011-Feb-26	A/Bangladesh/0994/2011	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI445910	PB1	Taiwan	2013-Apr-24	A/Taiwan/1/2013	National Influenza Center, Centers	Taiwan CDC
EPI447190	PB1	United State	2012-Oct-20	A/New York/39/2012	New York State Department of Hea	Centers for Disease Control and Prevention
EPI445652	PB1	United State	2013-Feb-20	A/Alaska/02/2013	Alaska State Virology Lab	Centers for Disease Control and Prevention
EPI443732	PB1	United State	2013-Feb-20	A/Alaska/02/2013	Alaska State Virology Lab	Centers for Disease Control and Prevention
EPI443707	PB1	United State	2013-Jan-07	A/Washington/07/2013	Spokane Regional Health District	Centers for Disease Control and Prevention
EPI443695	PB1	United State	2003-Feb-13	A/Wyoming/03/2003	Iowa State Hygienic Laboratory	Centers for Disease Control and Prevention
EPI443283	PB1	Kenya	2009-Oct-08	A/Mombasa/91/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI443276	PB1	Kenya	2009-Oct-16	A/Mombasa/148/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI443269	PB1	Kenya	2009-Oct-27	A/Mombasa/179/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI443261	PB1	Kenya	2009-Oct-22	A/Trans-Nzoia/168/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI443253	PB1	Kenya	2010-Oct-27	A/Nakuru/192/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI443246	PB1	Kenya	2009-Sep-29	A/Mombasa/512/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI443239	PB1	Kenya	2009-Jul-30	A/Kitale/532/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI443231	PB1	Kenya	2009-Sep-30	A/Kitale/531/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI443224	PB1	Kenya	2009-Sep-29	A/Meru/467/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI443217	PB1	Kenya	2009-Sep-29	A/Nyeri/478/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI443210	PB1	Kenya	2009-Sep-22	A/Embu/169/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI443203	PB1	Kenya	2009-Sep-19	A/Eldoret/120/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI443196	PB1	Kenya	2009-Sep-24	A/Eldoret/119/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI443189	PB1	Kenya	2009-Sep-24	A/Malindi/238/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI443182	PB1	Kenya	2009-Sep-15	A/Nairobi/59/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI443174	PB1	Kenya	2009-Sep-15	A/Nairobi/58/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI443167	PB1	Kenya	2009-Jul-05	A/Keiyo/96/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI443157	PB1	Kenya	2009-Jul-05	A/Garissa/78/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI443112	PB1	Kenya	2009-Jul-03	A/Nairobi/64/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI443065	PB1	Kenya	2009-Jul-02	A/Kisumu/61/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI443040	PB1	China	2013-Apr-03	A/Zhejiang/2/2013	Zhejiang Provincial Center for Disea	Zhejiang Provincial Center for Disease Control and Prevention
EPI443032	PB1	China	2013-Mar-24	A/Zhejiang/1/2013	Zhejiang Provincial Center for Disea	Zhejiang Provincial Center for Disease Control and Prevention
EPI447942	PB1	China	2013-Mar-25	A/Zhejiang/01/2013		WHO Chinese National Influenza Center
EPI447950	PB1	China	2013-Mar-09	A/Shanghai/4/2013		WHO Chinese National Influenza Center
EPI447960	PB1	China	2013-Feb-27	A/Shanghai/3/2013		WHO Chinese National Influenza Center

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EPI443015	PB1	Kenya	2009-Jul-02	A/Kisumu/56/2009	ARI Unit, Kenya Medical Research I	Kenyatta University
EPI446456	PB1	China	2013-Apr-02	A/Hangzhou/3/2013	Hangzhou Center for Disease Contr	Hangzhou Center for Disease Control and Prevention
EPI446450	PB1	China	2013-Mar-25	A/Hangzhou/2/2013	Hangzhou Center for Disease Contr	Hangzhou Center for Disease Control and Prevention
EPI441600	PB1	China	2013-Mar-24	A/Hangzhou/1/2013	Hangzhou Center for Disease Contr	Hangzhou Center for Disease Control and Prevention
EPI439508	PB1	China	2013-Mar-20	A/Anhui/1/2013		WHO Chinese National Influenza Center
EPI439501	PB1	China	2013-Mar-05	A/Shanghai/2/2013		WHO Chinese National Influenza Center
EPI439489	PB1	China	2013-Feb-26	A/Shanghai/1/2013		WHO Chinese National Influenza Center
EPI440007	PB1	India	2012-Dec-22	A/India/2192/2012	All India Institute of Medical Scienc	Centers for Disease Control and Prevention
EPI438418	PB1	China	2012-Dec-12	A/Hebei-Yuhua/SWL1250/2012 (H1N1	China National Influenza Centre	WHO Chinese National Influenza Center
EPI436259	PB1	United State	2012-Oct-20	A/New York/39/2012	New York State Department of Hea	Centers for Disease Control and Prevention
EPI426139	PB1	United State	2012-Oct-20	A/New York/39/2012	New York State Department of Hea	Centers for Disease Control and Prevention
EPI420767	PB1	China	2013-Feb-09	A/Guizhou/2/2013	WHO Chinese National Influenza Ce	China National Influenza Centre
EPI420390	PB1	China	2013-Feb-08	A/Guizhou/1/2013	WHO Chinese National Influenza Ce	China National Influenza Centre
EPI440008	PB1	United State	2012-Jun-17	A/Washington/24/2012	Washington State Public Health Lab	Centers for Disease Control and Prevention
EPI418172	PB1	India	2012-Dec-22	A/India/2192/2012	All India Institute of Medical Scienc	Centers for Disease Control and Prevention
EPI418121	PB1	China	2012-Oct-04	A/Beijing-Xicheng/12423/2012	WHO Chinese National Influenza Ce	Centers for Disease Control and Prevention
EPI418108	PB1	Thailand	2012-Oct-02	A/Chiang Rai/312/2012	WHO National Influenza Centre, Na	Centers for Disease Control and Prevention
EPI450437	PB1	Australia	2012-Oct-06	A/SOUTH AUSTRALIA/162/2012	Institute of Medical and Veterinary	WHO Collaborating Centre for Reference and Research on Influenza
EPI450412	PB1	New Zealan	2012-Aug-01	A/AUCKLAND/64/2012	Auckland Hospital	WHO Collaborating Centre for Reference and Research on Influenza
EPI490085	PB1	United State	2012-Nov-12	A/Delaware/15/2012	Delaware Public Health Lab	Centers for Disease Control and Prevention
EPI418016	PB1	Australia	2011-Oct-24	A/Victoria/361/2011	WHO Collaborating Centre for Refe	Centers for Disease Control and Prevention
EPI417229	PB1	United State	2012-Oct-22	A/Arizona/09/2012	Arizona Department of Health Serv	Centers for Disease Control and Prevention
EPI416143	PB1	United State	2012-Dec-03	A/Michigan/33/2012	Michigan Department of Communi	Centers for Disease Control and Prevention
EPI440093	PB1	United State	2012-Nov-18	A/Michigan/32/2012	Michigan Department of Communi	Centers for Disease Control and Prevention
EPI407277	PB1	United State	2012-Nov-13	A/Minnesota/18/2012	Minnesota Department of Health	Centers for Disease Control and Prevention
EPI407269	PB1	United State	2012-Nov-13	A/Minnesota/18/2012	Minnesota Department of Health	Centers for Disease Control and Prevention
EPI464920	PB1	Italy	2010-Jan-12	A/guinea fowl/Italy/10VIR-218-134/20	Istituto Zooprofilattico Sperimenta	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI450829	PB1	China	2013-Apr-04	A/quail/Hangzhou/35/2013	Hangzhou Center for Disease Contr	Hangzhou Center for Disease Control and Prevention
EPI448277	PB1	Bangladesh	2012-Feb-20	A/duck/Bangladesh/32077/2012	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI448269	PB1	Bangladesh	2012-Jan-08	A/chicken/Bangladesh/42010/2012	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI448229	PB1	Bangladesh	2011-Jun-15	A/chicken/Bangladesh/11RS-1984-30/2011		Centers for Disease Control and Prevention
EPI448221	PB1	Bangladesh	2011-Jul-24	A/duck/Bangladesh/4124T/2011	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI448213	PB1	Bangladesh	2011-Jul-24	A/duck/Bangladesh/4120T/2011	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI448205	PB1	Bangladesh	2011-Jul-15	A/chicken/Bangladesh/4070T/2011	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention

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EPI448197	PB1	Bangladesh	2011-Jul-14	A/chicken/Bangladesh/4058/2011	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI448189	PB1	Bangladesh	2011-Jul-01	A/goose/Bangladesh/4051T/2011	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI448181	PB1	Bangladesh	2011-May-24	A/chicken/Bangladesh/3075/2011	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI448173	PB1	Bangladesh	2011-May-23	A/chicken/Bangladesh/3072/2011	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI448165	PB1	Bangladesh	2011-Feb-07	A/crow/Bangladesh/316T/2011	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI448157	PB1	Bangladesh	2011-Feb-07	A/crow/Bangladesh/313T/2011	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI448149	PB1	Bangladesh	2011-Feb-13	A/crow/Bangladesh/1056/2011	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI448141	PB1	Bangladesh	2011-Feb-04	A/chicken/Bangladesh/11303/2011	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI448133	PB1	Bangladesh	2011-Feb-07	A/poultry/Bangladesh/11255-C/2011	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI448125	PB1	Bangladesh	2011-Feb-20	A/chicken/Bangladesh/31289-1/2011	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI448109	PB1	Bangladesh	2011-Jun-29	A/waterfowl/Bangladesh/33025/2011	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI448101	PB1	Bangladesh	2011-Mar-20	A/duck/Bangladesh/1849/2011	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI448085	PB1	Bangladesh	2010-Jan-12	A/chicken/Bangladesh/0411/2010	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI448077	PB1	Bangladesh	2010-Jan-04	A/chicken/Bangladesh/1012/2010	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI448069	PB1	Bangladesh	2010-Jan-04	A/chicken/Bangladesh/0912/2010	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI448061	PB1	Bangladesh	2011-Feb-15	A/crow/Bangladesh/1061/2011	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI448053	PB1	Bangladesh	2011-Feb-13	A/crow/Bangladesh/1054/2011	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI448045	PB1	Bangladesh	2011-Jan-20	A/crow/Bangladesh/1020/2011	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI448037	PB1	Bangladesh	2011-Jan-20	A/crow/Bangladesh/1019/2011	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI448029	PB1	Bangladesh	2011-Jan-20	A/crow/Bangladesh/1008/2011	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI425953	PB1	Vietnam	2011-Sep-07	A/chicken/Vietnam/NCVD-1038/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425945	PB1	Vietnam	2011-Feb-28	A/chicken/Vietnam/NCVD-715/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425937	PB1	Vietnam	2012-Aug-22	A/duck/Vietnam/NCVD-1875/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425929	PB1	Vietnam	2012-Jul-12	A/duck/Vietnam/NCVD-1544/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425921	PB1	Vietnam	2012-Jul-16	A/duck/Vietnam/NCVD-1547/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425913	PB1	Vietnam	2012-Feb-24	A/duck/Vietnam/NCVD-1304/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425905	PB1	Vietnam	2012-Feb-17	A/chicken/Vietnam/NCVD-1254/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425897	PB1	Vietnam	2012-Feb-16	A/duck/Vietnam/NCVD-1251/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425889	PB1	Vietnam	2012-Feb-08	A/duck/Vietnam/NCVD-1212/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425881	PB1	Vietnam	2012-Feb-01	A/duck/Vietnam/NCVD-1182/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425873	PB1	Vietnam	2012-Jan-01	A/duck/Vietnam/NCVD-1163/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425865	PB1	Vietnam	2011-Dec-30	A/duck/Vietnam/NCVD-1162/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425857	PB1	Vietnam	2011-Dec-30	A/duck/Vietnam/NCVD-1161/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425849	PB1	Vietnam	2011-Nov-26	A/duck/Vietnam/NCVD3-31/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention

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EPI425841	PB1	Vietnam	2011-Nov-26	A/duck/Vietnam/NCVD3-8/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425833	PB1	Vietnam	2011-Oct-31	A/chicken/Vietnam/NCVD-1148/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425825	PB1	Vietnam	2011-Sep-08	A/chicken/Vietnam/NCVD-1059/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425817	PB1	Vietnam	2011-Sep-08	A/muscovy duck/Vietnam/NCVD-1049	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425809	PB1	Vietnam	2011-Sep-07	A/duck/Vietnam/NCVD-1048/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425801	PB1	Vietnam	2011-Sep-07	A/duck/Vietnam/NCVD-1044/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425793	PB1	Vietnam	2011-Sep-07	A/duck/Vietnam/NCVD-1042/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425785	PB1	Vietnam	2011-Sep-07	A/chicken/Vietnam/NCVD-1040/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425777	PB1	Vietnam	2011-Sep-07	A/chicken/Vietnam/NCVD-1034/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425769	PB1	Vietnam	2011-Jan-01	A/duck/Vietnam/NCVD-671/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425686	PB1	Vietnam	2012-Jul-31	A/duck/Vietnam/NCVD-1602/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425678	PB1	Vietnam	2012-Jul-15	A/duck/Vietnam/NCVD-1593/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425670	PB1	Vietnam	2012-Aug-30	A/duck/Vietnam/NCVD-1905/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425662	PB1	Vietnam	2012-Feb-04	A/chicken/Vietnam/NCVD-1188/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425654	PB1	Vietnam	2012-Sep-21	A/duck/Vietnam/NCVD-1968/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425646	PB1	Vietnam	2012-Aug-24	A/duck/Vietnam/NCVD-1936/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425638	PB1	Vietnam	2012-Aug-19	A/duck/Vietnam/NCVD-1931/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425630	PB1	Vietnam	2012-Aug-16	A/duck/Vietnam/NCVD-1928/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425622	PB1	Vietnam	2012-Aug-18	A/duck/Vietnam/NCVD-1930/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425614	PB1	Vietnam	2012-Mar-02	A/chicken/Vietnam/NCVD-1488/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425606	PB1	Vietnam	2012-Sep-21	A/chicken/Vietnam/NCVD-1963/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425598	PB1	Vietnam	2012-Sep-21	A/duck/Vietnam/NCVD-1463/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425590	PB1	Vietnam	2011-Jun-15	A/chicken/Vietnam/NCVD-883/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425582	PB1	Vietnam	2011-Jun-15	A/chicken/Vietnam/NCVD-882/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425574	PB1	Vietnam	2011-Jun-15	A/chicken/Vietnam/NCVD-879/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425566	PB1	Vietnam	2011-Mar-17	A/chicken/Vietnam/NCVD-857/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425558	PB1	Vietnam	2010-Nov-01	A/duck/Vietnam/NCVD-645/2010	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425550	PB1	Vietnam	2011-Mar-12	A/duck/Vietnam/NCVD-850/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425542	PB1	Vietnam	2011-Mar-03	A/duck/Vietnam/NCVD-825/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425534	PB1	Vietnam	2010-Nov-06	A/duck/Vietnam/NCVD-815/2010	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425526	PB1	Vietnam	2011-Mar-19	A/chicken/Vietnam/NCVD-802/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425518	PB1	Vietnam	2011-Jun-15	A/chicken/Vietnam/NCVD-780/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425510	PB1	Vietnam	2011-Feb-25	A/chicken/Vietnam/NCVD-777/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425502	PB1	Vietnam	2011-Mar-18	A/duck/Vietnam/NCVD-946/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention

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EPI425494	PB1	Vietnam	2011-Aug-04	A/duck/Vietnam/NCVD-931/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425486	PB1	Vietnam	2011-Jul-19	A/duck/Vietnam/NCVD-927/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425478	PB1	Vietnam	2011-Feb-25	A/chicken/Vietnam/NCVD-775/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425470	PB1	Vietnam	2012-Feb-16	A/chicken/Vietnam/NCVD-1247/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425462	PB1	Vietnam	2012-Feb-20	A/duck/Vietnam/NCVD-1280/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425454	PB1	Vietnam	2012-Feb-20	A/duck/Vietnam/NCVD-1276/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425446	PB1	Vietnam	2012-Feb-08	A/duck/Vietnam/NCVD-1219/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425438	PB1	Vietnam	2012-Feb-08	A/duck/Vietnam/NCVD-1210/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425430	PB1	Vietnam	2012-Feb-08	A/duck/Vietnam/NCVD-1207/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425422	PB1	Vietnam	2012-Feb-24	A/duck/Vietnam/NCVD-1312/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425414	PB1	Vietnam	2012-Feb-24	A/duck/Vietnam/NCVD-1306/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425406	PB1	Vietnam	2012-Feb-21	A/duck/Vietnam/NCVD-1269/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425398	PB1	Vietnam	2012-Feb-18	A/muscovy duck/Vietnam/NCVD-1256	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425390	PB1	Vietnam	2012-Feb-16	A/duck/Vietnam/NCVD-1253/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425382	PB1	Vietnam	2012-Feb-16	A/chicken/Vietnam/NCVD-1248/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425374	PB1	Vietnam	2012-Feb-17	A/duck/Vietnam/NCVD-1234/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425366	PB1	Vietnam	2012-Feb-17	A/duck/Vietnam/NCVD-1232/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425358	PB1	Vietnam	2012-Jan-06	A/chicken/Vietnam/NCVD-1225/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425350	PB1	Vietnam	2012-Feb-10	A/chicken/Vietnam/NCVD-1223/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425342	PB1	Vietnam	2011-Apr-04	A/chicken/Vietnam/NCVD-753/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425334	PB1	Vietnam	2012-Feb-08	A/duck/Vietnam/NCVD-1221/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425326	PB1	Vietnam	2012-Feb-08	A/muscovy duck/Vietnam/NCVD-1220	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425318	PB1	Vietnam	2012-Feb-08	A/duck/Vietnam/NCVD-1217/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425310	PB1	Vietnam	2012-Aug-30	A/duck/Vietnam/NCVD-1904/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425302	PB1	Vietnam	2012-Aug-28	A/duck/Vietnam/NCVD-1902/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425294	PB1	Vietnam	2011-Jan-01	A/duck/Vietnam/NCVD-669/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425286	PB1	Vietnam	2011-Jan-01	A/duck/Vietnam/NCVD-674/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425278	PB1	Vietnam	2011-Jan-01	A/duck/Vietnam/NCVD-673/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425270	PB1	Vietnam	2012-Aug-27	A/duck/Vietnam/NCVD-1901/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425262	PB1	Vietnam	2012-Jan-06	A/chicken/Vietnam/NCVD-1224/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425254	PB1	Vietnam	2012-Jan-30	A/dove/Vietnam/NCVD-1178/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425246	PB1	Vietnam	2012-Jan-30	A/chicken/Vietnam/NCVD-1177/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425238	PB1	Vietnam	2012-Jan-13	A/duck/Vietnam/NCVD-1171/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425230	PB1	Vietnam	2011-Dec-30	A/duck/Vietnam/NCVD-1160/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention

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EPI425222	PB1	Vietnam	2011-Nov-26	A/duck/Vietnam/NCVD1-48/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425214	PB1	Vietnam	2011-Nov-26	A/duck/Vietnam/NCVD1-37/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425206	PB1	Vietnam	2012-Feb-04	A/chicken/Vietnam/NCVD-1192/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425198	PB1	Vietnam	2011-Nov-22	A/duck/Vietnam/NCVD129-7/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425190	PB1	Vietnam	2012-Feb-04	A/chicken/Vietnam/NCVD-1189/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425182	PB1	Vietnam	2012-Sep-09	A/duck/Vietnam/NCVD-1944/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425174	PB1	Vietnam	2012-Sep-01	A/chicken/Vietnam/NCVD-1942/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425166	PB1	Vietnam	2011-Mar-17	A/chicken/Vietnam/NCVD-854/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425158	PB1	Vietnam	2012-Aug-25	A/duck/Vietnam/NCVD-1937/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425150	PB1	Vietnam	2012-Aug-23	A/duck/Vietnam/NCVD-1935/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425142	PB1	Vietnam	2012-Aug-21	A/duck/Vietnam/NCVD-1933/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425134	PB1	Vietnam	2012-Aug-28	A/duck/Vietnam/NCVD-1899/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425126	PB1	Vietnam	2012-Aug-21	A/duck/Vietnam/NCVD-1872/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425118	PB1	Vietnam	2012-Feb-20	A/duck/Vietnam/NCVD-1279/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425110	PB1	Vietnam	2012-Sep-06	A/duck/Vietnam/NCVD-1943/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425102	PB1	Vietnam	2012-Jun-12	A/duck/Vietnam/NCVD-1497/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425094	PB1	Vietnam	2011-Apr-03	A/duck/Vietnam/NCVD-827/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425086	PB1	Vietnam	2011-Jun-15	A/chicken/Vietnam/NCVD-779/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425078	PB1	Vietnam	2011-Jun-15	A/chicken/Vietnam/NCVD-778/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425070	PB1	Vietnam	2011-Feb-25	A/chicken/Vietnam/NCVD-776/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425062	PB1	Vietnam	2012-Feb-16	A/duck/Vietnam/NCVD-1252/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425054	PB1	Vietnam	2011-Mar-25	A/duck/Vietnam/NCVD-760/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425046	PB1	Vietnam	2011-Mar-25	A/duck/Vietnam/NCVD-759/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425038	PB1	Vietnam	2011-Mar-25	A/duck/Vietnam/NCVD-758/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425030	PB1	Vietnam	2011-Apr-04	A/duck/Vietnam/NCVD-754/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425022	PB1	Vietnam	2012-Aug-25	A/duck/Vietnam/NCVD-1884/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425014	PB1	Vietnam	2012-Aug-23	A/duck/Vietnam/NCVD-1878/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425006	PB1	Vietnam	2012-May-04	A/chicken/Vietnam/NCVD-1437/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424998	PB1	Vietnam	2011-Feb-26	A/duck/Vietnam/NCVD-714/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424990	PB1	Vietnam	2012-Jul-31	A/duck/Vietnam/NCVD-1607/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424982	PB1	Vietnam	2012-Jul-27	A/duck/Vietnam/NCVD-1584/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424974	PB1	Vietnam	2011-Jun-15	A/chicken/Vietnam/NCVD-710/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424966	PB1	Vietnam	2011-Jun-15	A/chicken/Vietnam/NCVD-709/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424958	PB1	Vietnam	1905-Jul-02	A/duck/Vietnam/NCVD-891/2010	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention

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EPI424950	PB1	Vietnam	1905-Jul-02	A/duck/Vietnam/NCVD-890/2010	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424942	PB1	Vietnam	1905-Jul-02	A/duck/Vietnam/NCVD-885/2010	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424934	PB1	Vietnam	2011-Apr-04	A/chicken/Vietnam/NCVD-752/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424926	PB1	Vietnam	2011-Apr-06	A/duck/Vietnam/NCVD-947/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424918	PB1	Vietnam	2011-Mar-18	A/duck/Vietnam/NCVD-945/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424910	PB1	Vietnam	2011-Feb-12	A/duck/Vietnam/NCVD-943/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424902	PB1	Vietnam	2011-Aug-04	A/duck/Vietnam/NCVD-935/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424894	PB1	Vietnam	2011-Jul-15	A/chicken/Vietnam/NCVD-921/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424886	PB1	Vietnam	2011-Jul-15	A/duck/Vietnam/NCVD-920/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424878	PB1	Vietnam	2011-Sep-06	A/duck/Vietnam/NCVD-1029/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI438913	PB1	Vietnam	2011-Sep-06	A/duck/Vietnam/NCVD-1026/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424862	PB1	Vietnam	2011-Sep-06	A/duck/Vietnam/NCVD-1025/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424854	PB1	Vietnam	2011-Sep-06	A/duck/Vietnam/NCVD-1022/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424846	PB1	Vietnam	2011-Sep-06	A/duck/Vietnam/NCVD-1018/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424838	PB1	Vietnam	2011-Jun-24	A/duck/Vietnam/NCVD-952/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424830	PB1	Vietnam	2011-Jun-15	A/duck/Vietnam/NCVD-711/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424822	PB1	Vietnam	2011-Mar-28	A/duck/Vietnam/NCVD-806/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424814	PB1	Vietnam	2011-Feb-26	A/duck/Vietnam/NCVD-712/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424806	PB1	Vietnam	2011-Jun-15	A/chicken/Vietnam/NCVD-881/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424798	PB1	Vietnam	2011-Jun-15	A/chicken/Vietnam/NCVD-880/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424790	PB1	Vietnam	2011-Jun-15	A/chicken/Vietnam/NCVD-876/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424782	PB1	Vietnam	2011-Apr-07	A/duck/Vietnam/NCVD-861/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424774	PB1	Vietnam	2011-Apr-07	A/duck/Vietnam/NCVD-859/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424766	PB1	Vietnam	2011-Mar-12	A/duck/Vietnam/NCVD-851/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424758	PB1	Vietnam	2012-Feb-20	A/chicken/Vietnam/NCVD-1277/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424750	PB1	Vietnam	2010-Oct-29	A/duck/Vietnam/NCVD-784/2010	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424742	PB1	Vietnam	2012-Aug-20	A/duck/Vietnam/NCVD-1932/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424734	PB1	Vietnam	2012-Aug-15	A/chicken/Vietnam/NCVD-1927/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424726	PB1	Vietnam	2012-Aug-27	A/duck/Vietnam/NCVD-1898/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424718	PB1	Vietnam	2012-Aug-23	A/duck/Vietnam/NCVD-1897/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424710	PB1	Vietnam	2012-Aug-23	A/duck/Vietnam/NCVD-1896/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424702	PB1	Vietnam	2012-Aug-20	A/duck/Vietnam/NCVD-1869/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424694	PB1	Vietnam	2011-Apr-06	A/duck/Vietnam/NCVD-948/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424686	PB1	Vietnam	2012-Sep-21	A/duck/Vietnam/NCVD-1974/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention

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EPI424678	PB1	Vietnam	2012-Jun-11	A/duck/Vietnam/NCVD-1494/2012	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI424670	PB1	Vietnam	2012-Aug-29	A/duck/Vietnam/NCVD-1940/2012	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI424662	PB1	Vietnam	2012-Feb-18	A/chicken/Vietnam/NCVD-1255/2012	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI424432	PB1	Vietnam	2011-Feb-01	A/chicken/Vietnam/NCVD-705/2011	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI424424	PB1	Vietnam	2011-Feb-01	A/chicken/Vietnam/NCVD-704/2011	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI424416	PB1	Vietnam	2011-Feb-01	A/chicken/Vietnam/NCVD-703/2011	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI424408	PB1	Vietnam	2011-Feb-01	A/chicken/Vietnam/NCVD-702/2011	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI424400	PB1	Vietnam	2011-Feb-01	A/chicken/Vietnam/NCVD-699/2011	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI424392	PB1	Vietnam	2012-Feb-26	A/duck/Vietnam/NCVD-1283/2012	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI424384	PB1	Vietnam	2011-Feb-01	A/chicken/Vietnam/NCVD-685/2011	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI424376	PB1	Vietnam	2011-Feb-01	A/duck/Vietnam/NCVD-680/2011	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI424368	PB1	Vietnam	2010-Dec-01	A/duck/Vietnam/NCVD-664/2010	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI424360	PB1	Vietnam	2012-Feb-08	A/duck/Vietnam/NCVD-1206/2012	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI424352	PB1	Vietnam	2011-Jun-15	A/chicken/Vietnam/NCVD-878/2011	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI484293	PB1	Italy	2013-Aug-13	A/chicken/Italy/13VIR4527-11/2013	Istituto Zooprofilattico Sperimenta	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI466532	PB1	China	2012-Dec-23	A/chicken/Jiangsu/YCDF/2012	Yangzhou University	Chinese Academy of Sciences
EPI466528	PB1	China	2012-Dec-28	A/chicken/Jiangsu/NTHA1/2012	Yangzhou University	Chinese Academy of Sciences
EPI466521	PB1	China	2012-Nov-09	A/chicken/Jiangsu/YZ4/2012	Yangzhou University	Chinese Academy of Sciences
EPI466515	PB1	China	2013-Apr-05	A/chicken/Jiangsu/TZXH/2013	Yangzhou University	Chinese Academy of Sciences
EPI466509	PB1	China	2013-Mar-29	A/chicken/Jiangsu/YCDT/2013	Yangzhou University	Chinese Academy of Sciences
EPI466502	PB1	China	2013-Jan-23	A/chicken/Jiangsu/CZWJ5/2013	Yangzhou University	Chinese Academy of Sciences
EPI466494	PB1	China	2012-Nov-20	A/chicken/Jiangsu/CZ1/2012	Yangzhou University	Chinese Academy of Sciences
EPI466480	PB1	China	2013-Apr-05	A/chicken/Jiangsu/HA2/2013	Yangzhou University	Chinese Academy of Sciences
EPI466472	PB1	China	2013-Jan-07	A/chicken/Jiangsu/NTTZ/2013	Yangzhou University	Chinese Academy of Sciences
EPI466456	PB1	China	2013-Jan-23	A/chicken/Jiangsu/ZJ4/2013	Yangzhou University	Chinese Academy of Sciences
EPI466448	PB1	China	2013-Jan-23	A/chicken/Jiangsu/CZJT2/2013	Yangzhou University	Chinese Academy of Sciences
EPI466440	PB1	China	2012-Nov-06	A/chicken/Jiangsu/XZ6/2012	Yangzhou University	Chinese Academy of Sciences
EPI466432	PB1	China	2013-Mar-28	A/chicken/Jiangsu/ZJDT1/2013	Yangzhou University	Chinese Academy of Sciences
EPI466424	PB1	China	2012-Mar-24	A/chicken/Jiangsu/WJYBF/2012	Yangzhou University	Chinese Academy of Sciences
EPI466416	PB1	China	2012-May-12	A/chicken/Jiangsu/CZJF/2012	Yangzhou University	Chinese Academy of Sciences
EPI466408	PB1	China	2012-Mar-24	A/chicken/Jiangsu/MYJMF/2012	Yangzhou University	Chinese Academy of Sciences
EPI466400	PB1	China	2012-Apr-16	A/chicken/Jiangsu/XZLZG/2012	Yangzhou University	Chinese Academy of Sciences
EPI466392	PB1	China	2011-May-11	A/chicken/Jiangsu/YZ0511/2011	Yangzhou University	Chinese Academy of Sciences
EPI466384	PB1	China	2012-Mar-24	A/chicken/Jiangsu/CZYWP/2012	Yangzhou University	Chinese Academy of Sciences

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EPI466376	PB1	China	2011-Jan-21	A/chicken/Jiangsu/DTNSZ/2011	Yangzhou University	Chinese Academy of Sciences
EPI466368	PB1	China	2011-Jun-11	A/chicken/Jiangsu/YZ0611/2011	Yangzhou University	Chinese Academy of Sciences
EPI466360	PB1	China	2012-Feb-12	A/chicken/Jiangsu/DT0112/2012	Yangzhou University	Chinese Academy of Sciences
EPI466352	PB1	China	2012-May-09	A/chicken/Shangdong/SDWF29/2012	Yangzhou University	Chinese Academy of Sciences
EPI466344	PB1	China	2012-Mar-24	A/chicken/Jiangsu/XZWHL/2012	Yangzhou University	Chinese Academy of Sciences
EPI466336	PB1	China	2012-Mar-24	A/chicken/Jiangsu/XZZSL/2012	Yangzhou University	Chinese Academy of Sciences
EPI466328	PB1	China	2012-Mar-24	A/chicken/Jiangsu/CZLJG/2012	Yangzhou University	Chinese Academy of Sciences
EPI466320	PB1	China	2009-Sep-20	A/chicken/Jiangsu/DT/2009	Yangzhou University	Chinese Academy of Sciences
EPI466312	PB1	China	2011-May-21	A/chicken/Jiangsu/ZJDT/2011	Yangzhou University	Chinese Academy of Sciences
EPI466304	PB1	China	2011-Mar-28	A/chicken/Jiangsu/XZPZ/2011	Yangzhou University	Chinese Academy of Sciences
EPI466296	PB1	China	2012-Apr-13	A/chicken/Jiangsu/XZMG/2012	Yangzhou University	Chinese Academy of Sciences
EPI466288	PB1	China	2011-Jan-26	A/chicken/Shangdong/SDWD/2011	Yangzhou University	Chinese Academy of Sciences
EPI466280	PB1	China	2012-May-09	A/chicken/Shangdong/SDWF14/2012	Yangzhou University	Chinese Academy of Sciences
EPI466272	PB1	China	2012-Mar-24	A/chicken/Jiangsu/WJHRG/2012	Yangzhou University	Chinese Academy of Sciences
EPI466264	PB1	China	2012-May-09	A/chicken/Shandong/SDWF17/2012	Yangzhou University	Chinese Academy of Sciences
EPI466256	PB1	China	2012-Jan-12	A/chicken/Jiangsu/XZ38/2012	Yangzhou University	Chinese Academy of Sciences
EPI466248	PB1	China	2012-May-12	A/chicken/Jiangsu/CZZWQ/2012	Yangzhou University	Chinese Academy of Sciences
EPI464944	PB1	Italy	2012-Sep-28	A/chicken/Italy/12VIR-7785-67/2012	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI464928	PB1	Italy	2011-Dec-28	A/chicken/Italy/11VIR-7548/2011	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI457883	PB1	China	2013-May-03	A/chicken/Guangdong/SD641/2013	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI457875	PB1	China	2013-Apr-16	A/chicken/Jiangsu/S002/2013	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI457867	PB1	China	2013-Apr-16	A/chicken/Jiangsu/SC035/2013	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI457859	PB1	China	2013-Apr-16	A/chicken/Jiangsu/SC099/2013	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI457851	PB1	China	2013-Apr-16	A/chicken/Jiangsu/SC537/2013	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI457843	PB1	China	2013-May-03	A/chicken/Jiangxi/SD001/2013	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI457835	PB1	China	2013-Apr-03	A/chicken/Shanghai/S1055/2013	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI457827	PB1	China	2013-Apr-03	A/chicken/Shanghai/S1076/2013	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI457819	PB1	China	2013-Apr-03	A/chicken/Shanghai/S1077/2013	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI457811	PB1	China	2013-Apr-03	A/chicken/Shanghai/S1078/2013	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI457803	PB1	China	2013-Apr-03	A/chicken/Shanghai/S1079/2013	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI457795	PB1	China	2013-Apr-03	A/chicken/Shanghai/S1080/2013	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI457787	PB1	China	2013-Apr-03	A/chicken/Shanghai/S1358/2013	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI457779	PB1	China	2013-Apr-03	A/chicken/Shanghai/S1410/2013	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI457771	PB1	China	2013-Apr-03	A/chicken/Shanghai/S1413/2013	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute

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EPI457763	PB1	China	2013-Apr-22	A/chicken/Zhejiang/SD007/2013	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI457755	PB1	China	2013-Apr-11	A/chicken/Zhejiang/SD019/2013	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI457747	PB1	China	2013-Apr-11	A/chicken/Zhejiang/SD033/2013	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI468356	PB1	China	2013-Apr-10	A/chicken/Hangzhou/50-2/2013(H9N)	Hangzhou Center for Disease Control and Prevention	Hangzhou Center for Disease Control and Prevention
EPI468350	PB1	China	2013-Apr-10	A/chicken/Hangzhou/48-2/2013(H9N)	Hangzhou Center for Disease Control and Prevention	Hangzhou Center for Disease Control and Prevention
EPI447889	PB1	China	2013-Mar-29	A/chicken/Anhui-Chuzhou/01/2013		WHO Chinese National Influenza Center
EPI443665	PB1	China	2013-Apr-10	A/chicken/Hangzhou/50-1/2013(H7N)	Hangzhou Center for Disease Control and Prevention	Hangzhou Center for Disease Control and Prevention
EPI443657	PB1	China	2013-Apr-10	A/chicken/Hangzhou/48-1/2013(H7N)	Hangzhou Center for Disease Control and Prevention	Hangzhou Center for Disease Control and Prevention
EPI440683	PB1	China	2013-Apr-03	A/Chicken/Shanghai/S1053/2013	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI466240	PB1	China	2012-Mar-24	A/chicken/Jiangsu/WJHDL/2012	Yangzhou University	Chinese Academy of Sciences
EPI459872	PB1	Taiwan	2013-May-15	A/chicken/Taiwan/A2837/2013(H6N)	ANIMAL HEALTH RESEARCH INSTITUTE	ANIMAL HEALTH RESEARCH INSTITUTE
EPI466464	PB1	China	2013-Apr-05	A/duck/Jiangsu/YC2/2013	Yangzhou University	Chinese Academy of Sciences
EPI457739	PB1	China	2013-Apr-16	A/duck/Anhui/SC702/2013	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI457731	PB1	China	2013-Apr-16	A/duck/Zhejiang/SC410/2013	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI431454	PB1	China	2011-Dec-07	A/duck/Hebei/3/2011	Institute of Microbiology, Chinese Academy of Sciences	Institute of Microbiology
EPI431446	PB1	China	2011-Dec-01	A/duck/Hebei/2/2011	Institute of Microbiology, Chinese Academy of Sciences	Institute of Microbiology
EPI466212	PB1	China	2013-Mar-28	A/Mallard/Zhejiang/136/2013	State Key Laboratory of Virology and Host-Pathogen Interactions	Chinese Academy of Sciences
EPI490870	PB1	Germany	2013-Apr-11	A/turkey/Germany-NI/R534/2013		Friedrich-Loeffler-Institut
EPI464952	PB1	Italy	2012-Jun-28	A/turkey/Italy/12VIR-8036-2/2012	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI457643	PB1	China	2013-Apr-20	A/homing pigeon/Jiangsu/SD184/2013	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI457635	PB1	China	2013-Apr-03	A/pigeon/Shanghai/S1421/2013	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI457619	PB1	China	2013-Apr-17	A/wild pigeon/Jiangsu/SD001/2013	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI440699	PB1	China	2013-Apr-02	A/Pigeon/Shanghai/S1069/2013	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI412102	PB1	Germany	2012-Jan-01	A/swine/Germany/R495/2012		Friedrich-Loeffler-Institut
EPI411974	PB1	Germany	2011-Jan-01	A/swine/Germany/R83/2011		Friedrich-Loeffler-Institut
EPI411949	PB1	Germany	2010-Jan-01	A/swine/Germany/R1421/2010		Friedrich-Loeffler-Institut
EPI411906	PB1	Germany	2010-Jan-01	A/swine/Germany/R494/2010		Friedrich-Loeffler-Institut
EPI411859	PB1	Germany	2009-Jan-01	A/swine/Germany/R325/2009		Friedrich-Loeffler-Institut
EPI396880	PB1	Germany	2009-Jan-01	A/wild boar/Germany-HE/ws336/2009		Friedrich-Loeffler-Institut
EPI356464	PB1	Germany	2011-Jan-01	A/swine/Germany/R75/2011		Friedrich-Loeffler-Institut
EPI356447	PB1	Germany	2011-Jan-01	A/swine/Germany/R1048/2011		Friedrich-Loeffler-Institut
EPI347278	PB1	Norway	2009-Oct-09	A/swine/Norway/02-11342/2009	Norwegian Veterinary Institute	Norwegian Institute of Public Health
EPI497538	PB1	China	2012-Oct-09	A/environment/Jiangxi/02899/2012		WHO Chinese National Influenza Center
EPI497535	PB1	China	2012-Oct-09	A/environment/Jiangxi/02895/2012		WHO Chinese National Influenza Center

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EPI497522	PB1	China	2013-Feb-27	A/environment/Jiangxi/00452/2013		WHO Chinese National Influenza Center
EPI497498	PB1	China	2013-Mar-13	A/environment/Chongqing/00516/2013		WHO Chinese National Influenza Center
EPI457723	PB1	China	2013-Apr-30	A/environment/Fujian/SC337/2013	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI457715	PB1	China	2013-Apr-24	A/environment/Henan/SC232/2013	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI457707	PB1	China	2013-Apr-24	A/environment/Henan/SD429/2013	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI457699	PB1	China	2013-May-03	A/environment/Shandong/SD038/2013	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI457691	PB1	China	2013-May-03	A/environment/Shandong/SD039/2013	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI457683	PB1	China	2013-May-03	A/environment/Shandong/SD049/2013	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI457675	PB1	China	2013-Apr-03	A/environment/Shanghai/S1436/2013	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI457667	PB1	China	2013-Apr-03	A/environment/Shanghai/S1437/2013	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI457659	PB1	China	2013-Apr-03	A/environment/Shanghai/S1438/2013	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI448285	PB1	Bangladesh	2010-May-25	A/environment/Bangladesh/100/2010	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI448261	PB1	Bangladesh	2012-Feb-28	A/environment/Bangladesh/1019-G/2012	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI448253	PB1	Bangladesh	2011-Dec-30	A/environment/Bangladesh/1017-1/2011	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI448245	PB1	Bangladesh	2011-Dec-28	A/environment/Bangladesh/1011/2011	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI448237	PB1	Bangladesh	2011-Sep-29	A/environment/Bangladesh/1018/2011	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI448117	PB1	Bangladesh	2011-May-29	A/environment/Bangladesh/1017/2011	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI447650	PB1	China	2013-Apr-27	A/Environment/Shandong/1/2013		WHO Chinese National Influenza Center
EPI440691	PB1	China	2013-Apr-03	A/Environment/Shanghai/S1088/2013	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI443649	PB1	China	2013-Apr-04	A/environment/Hangzhou/37/2013	Hangzhou Center for Disease Contr	Hangzhou Center for Disease Control and Prevention
EPI468344	PB1	China	2013-Apr-12	A/environment/Hangzhou/109-2/2013	Hangzhou Center for Disease Contr	Hangzhou Center for Disease Control and Prevention
EPI443570	PB1	China	2013-Apr-04	A/environment/Hangzhou/34-1/2013	Hangzhou Center for Disease Contr	Hangzhou Center for Disease Control and Prevention
EPI491033	PB1	China	2013-May-14	A/environment/Guangdong/C130582	Guangdong Provincial Center for Di	Guandong Centers for Disease Control
EPI491025	PB1	China	2013-May-18	A/environment/Guangdong/2013XN1	Guangdong Provincial Center for Di	Guandong Centers for Disease Control
EPI491017	PB1	China	2013-May-14	A/environment/Guangdong/C130582	Guangdong Provincial Center for Di	Guandong Centers for Disease Control
EPI491009	PB1	China	2013-May-28	A/environment/Guangdong/GD13021	Guangdong Provincial Center for Di	Guandong Centers for Disease Control
EPI491001	PB1	China	2013-May-28	A/environment/Guangdong/GD13020	Guangdong Provincial Center for Di	Guandong Centers for Disease Control
EPI490993	PB1	China	2013-May-07	A/environment/Guangdong/GD13018	Guangdong Provincial Center for Di	Guandong Centers for Disease Control
EPI490969	PB1	China	2013-Apr-26	A/Environment/Guangdong/C132810	Guangdong Provincial Center for Di	Guandong Centers for Disease Control
EPI465411	PB1	China	2013-Apr-07	A/Enviroment/Zhenjiang/h9/2013	Jiangsu Provincial Center for Diseas	institution of microbiology
EPI489318	PB1	United State	2012-Jan-01	A/New York/39/2012 X-233	New York Medical College	Centers for Disease Control and Prevention
EPI432531	PB1	China	2010-Apr-27	r8	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432523	PB1	China	2010-Apr-27	r78	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432507	PB1	China	2010-Apr-27	r68	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute

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EPI432499	PB1	China	2010-Apr-27	r678	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432491	PB1	China	2010-Apr-27	r67	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432483	PB1	China	2010-Apr-21	r6	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432467	PB1	China	2010-Apr-21	r578	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432459	PB1	China	2010-Apr-21	r57	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432451	PB1	China	2010-Apr-21	r568	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432443	PB1	China	2010-Apr-21	r5678	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432435	PB1	China	2010-Apr-21	r567	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432427	PB1	China	2010-Apr-16	r56	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432419	PB1	China	2010-Apr-16	r5	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432403	PB1	China	2010-Apr-16	r378	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432395	PB1	China	2010-Apr-16	r37	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432387	PB1	China	2010-Apr-16	r368	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432379	PB1	China	2010-Apr-10	r3678	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432371	PB1	China	2010-Apr-10	r367	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432355	PB1	China	2010-Apr-10	r358	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432347	PB1	China	2010-Apr-10	r3578	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432339	PB1	China	2010-Apr-03	r357	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432331	PB1	China	2010-Apr-03	r3568	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432315	PB1	China	2010-Apr-03	r3567	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432307	PB1	China	2010-Apr-03	r356	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432299	PB1	China	2010-Apr-03	r35	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432291	PB1	China	2010-Apr-03	r3	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432283	PB1	China	2010-Mar-28	r28	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432267	PB1	China	2010-Mar-28	r27	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432259	PB1	China	2010-Mar-28	r268	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432251	PB1	China	2010-Mar-28	r2678	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432243	PB1	China	2010-Mar-28	r267	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432235	PB1	China	2010-Mar-22	r26	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432227	PB1	China	2010-Mar-22	r258	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432219	PB1	China	2010-Mar-22	r2578	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432203	PB1	China	2010-Mar-22	r2568	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432195	PB1	China	2010-Mar-22	r25678	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432187	PB1	China	2010-Mar-17	r2567	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute

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EPI432179	PB1	China	2010-Mar-17	r256	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432171	PB1	China	2010-Mar-17	r25	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432163	PB1	China	2010-Mar-17	r238	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432147	PB1	China	2010-Mar-17	r237	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432139	PB1	China	2010-Mar-12	r2368	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432131	PB1	China	2010-Mar-12	r23678	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432123	PB1	China	2010-Mar-12	r2367	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432115	PB1	China	2010-Mar-12	r236	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432107	PB1	China	2010-Mar-12	r2358	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432099	PB1	China	2010-Mar-12	r23578	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432091	PB1	China	2010-Mar-07	r2357	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432083	PB1	China	2010-Mar-07	r23568	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432075	PB1	China	2010-Mar-07	r235678	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432067	PB1	China	2010-Mar-07	r23567	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432059	PB1	China	2010-Mar-07	r2356	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432035	PB1	China	2010-Mar-02	r2	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432027	PB1	China	2010-Mar-02	r18	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432003	PB1	China	2010-Mar-02	r168	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431987	PB1	China	2012-Feb-25	r167	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431979	PB1	China	2012-Feb-25	r16	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431971	PB1	China	2012-Feb-25	r158	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431955	PB1	China	2012-Feb-25	r157	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431947	PB1	China	2010-Feb-18	r1568	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431939	PB1	China	2010-Feb-18	r15678	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431931	PB1	China	2010-Feb-18	r1567	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431923	PB1	China	2010-Feb-18	r156	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431915	PB1	China	2010-Feb-18	r15	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431907	PB1	China	2010-Feb-18	r138	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431899	PB1	China	2010-Feb-10	r1378	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431883	PB1	China	2010-Feb-10	r1368	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431875	PB1	China	2010-Feb-10	r13678	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431867	PB1	China	2010-Feb-10	r1367	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431851	PB1	China	2010-Feb-05	r1358	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431843	PB1	China	2010-Feb-05	r13578	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute

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EPI431835	PB1	China	2010-Feb-05	r1357	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431827	PB1	China	2010-Feb-05	r13568	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431819	PB1	China	2010-Feb-05	r135678	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431811	PB1	China	2010-Feb-05	r13567	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431803	PB1	China	2010-Jan-31	r1356	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431795	PB1	China	2010-Jan-31	r135	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431787	PB1	China	2010-Jan-31	r13	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431779	PB1	China	2010-Jan-31	r128	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431763	PB1	China	2010-Jan-31	r127	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431739	PB1	China	2010-Jan-26	r1267	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431731	PB1	China	2010-Jan-26	r126	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431723	PB1	China	2010-Jan-26	r1258	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431715	PB1	China	2010-Jan-26	r12578	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431707	PB1	China	2010-Jan-20	r1257	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431699	PB1	China	2010-Jan-20	r12568	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431691	PB1	China	2010-Jan-20	r125678	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431683	PB1	China	2010-Jan-20	r12567	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431659	PB1	China	2010-Jan-16	r1238	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431651	PB1	China	2010-Jan-16	r12378	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431643	PB1	China	2010-Jan-16	r1237	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431635	PB1	China	2010-Jan-16	r12368	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431619	PB1	China	2010-Jan-16	r12367	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431611	PB1	China	2010-Jan-10	r1236	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431603	PB1	China	2010-Jan-10	r12358	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431595	PB1	China	2010-Jan-10	r123578	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431587	PB1	China	2010-Jan-10	r12357	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431579	PB1	China	2010-Jan-10	r123568	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431555	PB1	China	2010-Jan-04	r12356	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431547	PB1	China	2010-Jan-04	r1235	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431539	PB1	China	2010-Jan-04	r123	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431531	PB1	China	2010-Jan-04	r12	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI499443	PB1	Japan	2013-Nov-25	A/SAPPORO/TH1/2013	Virus Research Center, Sendai Med	National Institute of Infectious Diseases (NIID)
EPI499445	PB1	Japan	2013-Nov-24	A/SAPPORO/114/2013	Sapporo City Institute of Public Hea	National Institute of Infectious Diseases (NIID)
EPI497666	PB1	United State	2013-Jul-05	A/Utah/07/2013	Utah Department of Health	Centers for Disease Control and Prevention

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EPI503930	PB1	Australia	2013-Jun-16	A/Victoria/506/2013	WHO Collaborating Centre for Reference and Research on Influenza	Centers for Disease Control and Prevention
EPI497483	PB1	China	2013-Dec-04	A/Jiangxi-Donghu/346/2013		WHO Chinese National Influenza Center
EPI492811	PB1	United States	2013-Nov-04	A/Mississippi/11/2013	Mississippi Public Health Laboratory	Centers for Disease Control and Prevention
EPI503941	PB1	Costa Rica	2013-Jul-26	A/Costa Rica/4700/2013	Laboratorio Nacional de Influenza	Centers for Disease Control and Prevention
EPI492684	PB1	United States	2013-Jul-10	A/Massachusetts/11/2013	Massachusetts Department of Public Health	Centers for Disease Control and Prevention
EPI539676	PB1	Australia	2013-Sep-23	A/SOUTH AUSTRALIA/77/2013	Institute of Medical and Veterinary Science	WHO Collaborating Centre for Reference and Research on Influenza
EPI489310	PB1	United States	2013-Jul-10	A/Massachusetts/11/2013	Massachusetts Department of Public Health	Centers for Disease Control and Prevention
EPI489298	PB1	United States	2013-Jul-05	A/Utah/07/2013	Utah Department of Health	Centers for Disease Control and Prevention
EPI500846	PB1	Costa Rica	2013-Aug-05	A/Costa Rica/5802/2013	Laboratorio Nacional de Influenza	Centers for Disease Control and Prevention
EPI487730	PB1	United States	2013-Oct-29	A/Utah/10/2013	Utah Department of Health	Centers for Disease Control and Prevention
EPI486634	PB1	United States	2013-Oct-09	A/Louisiana/12/2013	Louisiana Department of Health and Hospitals	Centers for Disease Control and Prevention
EPI503469	PB1	Hong Kong	2013-Sep-19	A/Hong Kong/5008/2013	Government Virus Unit	Centers for Disease Control and Prevention
EPI485806	PB1	Costa Rica	2013-Jul-26	A/Costa Rica/4700/2013	Laboratorio Nacional de Influenza	Centers for Disease Control and Prevention
EPI485798	PB1	Costa Rica	2013-Jul-26	A/Costa Rica/4700/2013	Laboratorio Nacional de Influenza	Centers for Disease Control and Prevention
EPI485785	PB1	United States	2013-Oct-09	A/Louisiana/08/2013	Louisiana Department of Health and Hospitals	Centers for Disease Control and Prevention
EPI485777	PB1	United States	2013-Oct-07	A/Louisiana/07/2013	Louisiana Department of Health and Hospitals	Centers for Disease Control and Prevention
EPI485579	PB1	Cambodia	2013-Jan-25	A/Cambodia/X0125302/2013	Institut Pasteur in Cambodia	Institut Pasteur in Cambodia
EPI484681	PB1	Sweden	2011-Oct-06	A/Stockholm/26/2011		Swedish National Institute for Communicable Disease Control
EPI484673	PB1	Sweden	2012-Mar-11	A/Stockholm/14/2012		Swedish National Institute for Communicable Disease Control
EPI484649	PB1	Sweden	2011-Oct-31	A/Stockholm/29/2011		Swedish National Institute for Communicable Disease Control
EPI484641	PB1	Sweden	2012-Apr-14	A/Stockholm/19/2012		Swedish National Institute for Communicable Disease Control
EPI484633	PB1	Sweden	2011-Dec-26	A/Stockholm/42/2011		Swedish National Institute for Communicable Disease Control
EPI484625	PB1	Sweden	2012-Jan-02	A/Stockholm/1/2012		Swedish National Institute for Communicable Disease Control
EPI484617	PB1	Sweden	2010-Dec-13	A/Stockholm/13/2010		Swedish National Institute for Communicable Disease Control
EPI484609	PB1	Sweden	2009-Jun-11	A/Stockholm/45/2009		Swedish National Institute for Communicable Disease Control
EPI484571	PB1	Bangladesh	2013-May-07	A/Bangladesh/9334/2013	Institute of Epidemiology Disease Control and Prevention	Centers for Disease Control and Prevention
EPI484735	PB1	Costa Rica	2013-Jul-23	A/Costa Rica/4009/2013	Laboratorio Nacional de Influenza	Centers for Disease Control and Prevention
EPI484550	PB1	Costa Rica	2013-Jul-23	A/Costa Rica/4009/2013	Laboratorio Nacional de Influenza	Centers for Disease Control and Prevention
EPI484539	PB1	United States	2013-Jul-10	A/Massachusetts/11/2013	Massachusetts Department of Public Health	Centers for Disease Control and Prevention
EPI484522	PB1	Kenya	2013-Apr-29	A/Kenya/118/2013	CDC-Kenya	Centers for Disease Control and Prevention
EPI484412	PB1	Sweden	2013-Mar-10	A/Sweden/136/2013		Swedish National Institute for Communicable Disease Control
EPI484404	PB1	Sweden	2013-Feb-24	A/Sweden/135/2013		Swedish National Institute for Communicable Disease Control
EPI484396	PB1	Sweden	2013-Feb-22	A/Sweden/134/2013		Swedish National Institute for Communicable Disease Control
EPI484388	PB1	Sweden	2013-Feb-18	A/Sweden/133/2013		Swedish National Institute for Communicable Disease Control

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EPI484364	PB1	Sweden	2013-Feb-12	A/Sweden/130/2013		Swedish National Institute for Communicable Disease Control
EPI484356	PB1	Sweden	2013-Feb-11	A/Sweden/129/2013		Swedish National Institute for Communicable Disease Control
EPI484348	PB1	Sweden	2013-Feb-05	A/Sweden/128/2013		Swedish National Institute for Communicable Disease Control
EPI484340	PB1	Sweden	2013-Jan-31	A/Sweden/127/2013		Swedish National Institute for Communicable Disease Control
EPI484332	PB1	Sweden	2013-Jan-28	A/Sweden/126/2013		Swedish National Institute for Communicable Disease Control
EPI484300	PB1	Sweden	2013-Jan-16	A/Sweden/122/2013		Swedish National Institute for Communicable Disease Control
EPI484277	PB1	Sweden	2013-Jan-17	A/Sweden/120/2013	Swedish Institute for Infectious Dis	Swedish National Institute for Communicable Disease Control
EPI484253	PB1	Sweden	2013-Jan-03	A/Sweden/117/2013	Swedish Institute for Infectious Dis	Swedish National Institute for Communicable Disease Control
EPI484238	PB1	Sweden	2012-Dec-25	A/Sweden/34/2012	Swedish Institute for Infectious Dis	Swedish National Institute for Communicable Disease Control
EPI484230	PB1	Sweden	2012-Dec-23	A/Sweden/33/2012	Swedish Institute for Infectious Dis	Swedish National Institute for Communicable Disease Control
EPI484222	PB1	Sweden	2012-Dec-20	A/Sweden/32/2012	Swedish Institute for Infectious Dis	Swedish National Institute for Communicable Disease Control
EPI484216	PB1	Sweden	2012-Dec-20	A/Sweden/31/2012		Swedish National Institute for Communicable Disease Control
EPI482823	PB1	United State	2013-Oct-01	A/Iowa/04/2013	Iowa State Hygienic Laboratory	Centers for Disease Control and Prevention
EPI482797	PB1	United State	2009-Feb-13	A/Iowa/02/2009	Iowa State Hygienic Laboratory	Centers for Disease Control and Prevention
EPI482783	PB1	United State	2013-Sep-06	A/Arkansas/15/2013	Arkansas Department of Health	Centers for Disease Control and Prevention
EPI477632	PB1	Australia	2013-Mar-11	A/TOWNSVILLE/23/2013		WHO Collaborating Centre for Reference and Research on Influenza
EPI477501	PB1	Australia	2013-Feb-09	A/TOWNSVILLE/5/2013	Queensland Health Scientific Serv	WHO Collaborating Centre for Reference and Research on Influenza
EPI477485	PB1	Sri Lanka	2013-May-04	A/SRI LANKA/30/2013	Medical Research Institute	WHO Collaborating Centre for Reference and Research on Influenza
EPI477477	PB1	Sri Lanka	2013-Feb-27	A/SRI LANKA/27/2013	Medical Research Institute	WHO Collaborating Centre for Reference and Research on Influenza
EPI477469	PB1	Australia	2013-Mar-26	A/DARWIN/56/2013	Royal Darwin Hospital	WHO Collaborating Centre for Reference and Research on Influenza
EPI477447	PB1	China	2013-Oct-14	A/Zhejiang/DTID-ZJU10/2013	The First Affiliated Hospital, Colle	Shanghai Zhijiang Biotechnology Co.,Ltd
EPI477408	PB1	China	2013-Oct-14	A/Zhejiang/22/2013	Zhejiang Provincial Center for Disea	Zhejiang Provincial Center for Disease Control and Prevention
EPI477400	PB1	China	2013-Apr-24	A/Zhejiang/20/2013	Zhejiang Provincial Center for Disea	Zhejiang Provincial Center for Disease Control and Prevention
EPI471100	PB1	United State	2013-Sep-06	A/Arkansas/14/2013	Arkansas Department of Health	Centers for Disease Control and Prevention
EPI467446	PB1	Australia	2013-Jun-17	A/Victoria/505/2013	WHO Collaborating Centre for Refe	Centers for Disease Control and Prevention
EPI467264	PB1	Australia	2013-May-23	A/South Australia/17/2013	WHO Collaborating Centre for Refe	Centers for Disease Control and Prevention
EPI467216	PB1	United State	2013-Aug-21	A/Indiana/21/2013	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI499463	PB1	Japan	2013-May-29	A/SHIZUOKA-C/99/2013	Shizuoka City Institute of Environm	National Institute of Infectious Diseases (NIID)
EPI468084	PB1	Puerto Rico	2013-Jun-14	A/Puerto Rico/01/2013	Puerto Rico Department of Health	Centers for Disease Control and Prevention
EPI466903	PB1	American Sa	2013-Feb-22	A/American Samoa/4786/2013	State of Hawaii Department of Hea	Centers for Disease Control and Prevention
EPI466895	PB1	Bolivia, Plur	2013-Jun-08	A/Bolivia/559/2013	Instituto Nacional de Laboratorios	Centers for Disease Control and Prevention
EPI466887	PB1	Ukraine	2013-Apr-06	A/Ukraine/387/2013	Institute of Epidemiology and Infec	Centers for Disease Control and Prevention
EPI466872	PB1	Dominican R	2013-May-01	A/Dominican Republic/7293/2013	Laboratorio de Investigacion / Cent	Centers for Disease Control and Prevention
EPI466864	PB1	United State	2013-Mar-06	A/Maryland/04/2013	Maryland Department of Health an	Centers for Disease Control and Prevention

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EPI466835	PB1	Bolivia, Plur	2013-Jun-08	A/Bolivia/559/2013	Instituto Nacional de Laboratorios	Centers for Disease Control and Prevention
EPI466827	PB1	United States	2013-Jul-05	A/Utah/07/2013	Utah Department of Health	Centers for Disease Control and Prevention
EPI468081	PB1	Dominican Republic	2013-May-01	A/Dominican Republic/7293/2013	Laboratorio de Investigacion / Centro	Centers for Disease Control and Prevention
EPI466813	PB1	Haiti	2013-Jun-02	A/Haiti/1790/2013	Caribbean Epidemiology Center	Centers for Disease Control and Prevention
EPI466047	PB1	Finland	2009-Nov-12	A/Finland/721/2009(H1N1)	Helsingin-Uusimaa Labotariokeskus	Institute for Molecular Medicine Finland (FIMM)
EPI466031	PB1	Finland	2009-Nov-12	A/Finland/719/2009(H1N1)	Helsingin-Uusimaa Labotariokeskus	Institute for Molecular Medicine Finland (FIMM)
EPI466015	PB1	Finland	2009-Nov-11	A/Finland/717/2009(H1N1)	Helsingin-Uusimaa Labotariokeskus	Institute for Molecular Medicine Finland (FIMM)
EPI466007	PB1	Finland	2009-Oct-26	A/Finland/716/2009(H1N1)	Helsingin-Uusimaa Labotariokeskus	Institute for Molecular Medicine Finland (FIMM)
EPI465999	PB1	Finland	2009-Dec-14	A/Finland/715/2009(H1N1)	Ita-Suomen Labotariokeskus	Institute for Molecular Medicine Finland (FIMM)
EPI465991	PB1	Finland	2009-Nov-23	A/Finland/714/2009(H1N1)	Ita-Suomen Labotariokeskus	Institute for Molecular Medicine Finland (FIMM)
EPI465983	PB1	Finland	2009-Nov-06	A/Finland/713/2009(H1N1)	Ita-Suomen Labotariokeskus	Institute for Molecular Medicine Finland (FIMM)
EPI465371	PB1	United States	2013-Aug-03	A/Indiana/11/2013	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI465363	PB1	United States	2013-Jul-29	A/Illinois/03/2013	Illinois Department of Public Health	Centers for Disease Control and Prevention
EPI464868	PB1	United States	2013-Jul-22	A/Ohio/05/2013	Ohio Department of Health Labora	Centers for Disease Control and Prevention
EPI461881	PB1	United States	2013-Jul-01	A/Indiana/09/2013	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI460821	PB1	Peru	2013-Apr-19	A/Peru/106/2013	US NAMRU-6	Centers for Disease Control and Prevention
EPI460765	PB1	China	2013-Apr-19	A/Nanjing/3/2013	Jiangsu Provincial Center for Disease	institution of microbiology
EPI460740	PB1	United States	2013-Jun-20	A/Indiana/04/2013	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI451329	PB1	China	2013-May-01	A/Shanghai/Patient5/2013	Shanghai public health clinical cent	Institute Pasteur of Shanghai, CAS
EPI451281	PB1	China	2013-May-01	A/Shanghai/Patient3/2013	Shanghai public health clinical cent	Institute Pasteur of Shanghai, CAS
EPI451270	PB1	China	2013-May-01	A/Shanghai/Patient6/2013	Shanghai public health clinical cent	Institute Pasteur of Shanghai, CAS
EPI451260	PB1	China	2013-May-01	A/Shanghai/Patient14/2013	Shanghai public health clinical cent	Institute Pasteur of Shanghai, CAS
EPI451251	PB1	China	2013-May-01	A/Shanghai/Patient2/2013	Shanghai public health clinical cent	Institute Pasteur of Shanghai, CAS
EPI451016	PB1		2013-May-01	A/Shanghai/patient1/2013	Shanghai public health clinical cent	Institute Pasteur of Shanghai, CAS
EPI456673	PB1	China	2013-Apr-26	A/Nanjing/M1/2013	Jiangsu Provincial Center for Disease	institution of microbiology
EPI450291	PB1	Australia	2013-Jan-09	A/SOUTH AUSTRALIA/2/2013	Institute of Medical and Veterinary	WHO Collaborating Centre for Reference and Research on Influenza
EPI450280	PB1	Thailand	2012-Dec-03	A/SONG KHLA/416/2012	WHO National Influenza Centre, Na	WHO Collaborating Centre for Reference and Research on Influenza
EPI450263	PB1	Australia	2012-Dec-24	A/PERTH/298/2012	Pathwest QE II Medical Centre	WHO Collaborating Centre for Reference and Research on Influenza
EPI0	PB1	Australia	2013-Jan-14	A/NEWCASTLE/1/2013	John Hunter Hospital, Virology Unit	WHO Collaborating Centre for Reference and Research on Influenza
EPI450226	PB1	Australia	2013-Jan-07	A/BRISBANE/6/2013	Queensland Health Scientific Servic	WHO Collaborating Centre for Reference and Research on Influenza
EPI448093	PB1	Bangladesh	2011-Mar-07	A/Bangladesh/5487/2011	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI447636	PB1	China	2013-Apr-21	A/Anhui/03/2013		WHO Chinese National Influenza Center
EPI447643	PB1	China	2013-Apr-14	A/Anhui/02/2013		WHO Chinese National Influenza Center
EPI447657	PB1	China	2013-Apr-09	A/Jiangsu/09/2013		WHO Chinese National Influenza Center

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EPI447664	PB1	China	2013-Apr-11	A/Jiangsu/08/2013		WHO Chinese National Influenza Center
EPI447678	PB1	China	2013-Apr-10	A/Jiangsu/06/2013		WHO Chinese National Influenza Center
EPI447685	PB1	China	2013-Apr-08	A/Jiangsu/05/2013		WHO Chinese National Influenza Center
EPI447692	PB1	China	2013-Apr-25	A/Hunan/02/2013		WHO Chinese National Influenza Center
EPI447699	PB1	China	2013-Apr-24	A/Hunan/01/2013		WHO Chinese National Influenza Center
EPI447706	PB1	China	2013-Apr-24	A/Jiangxi/01/2013		WHO Chinese National Influenza Center
EPI447713	PB1	China	2013-Apr-23	A/Fujian/01/2013		WHO Chinese National Influenza Center
EPI447734	PB1	China	2013-Apr-10	A/Shanghai/16/2013		WHO Chinese National Influenza Center
EPI447741	PB1	China	2013-Apr-09	A/Shanghai/15/2013		WHO Chinese National Influenza Center
EPI447748	PB1	China	2013-Apr-03	A/Zhejiang/02/2013		WHO Chinese National Influenza Center
EPI447755	PB1	China	2013-Apr-08	A/Shanghai/9/2013		WHO Chinese National Influenza Center
EPI447762	PB1	China	2013-Apr-07	A/Shanghai/8/2013		WHO Chinese National Influenza Center
EPI447769	PB1	China	2013-Apr-03	A/Shanghai/17/2013		WHO Chinese National Influenza Center
EPI447777	PB1	China	2013-Apr-10	A/Shanghai/14/2013		WHO Chinese National Influenza Center
EPI447784	PB1	China	2013-Apr-10	A/Shanghai/13/2013		WHO Chinese National Influenza Center
EPI447793	PB1	China	2013-Apr-10	A/Shanghai/12/2013		WHO Chinese National Influenza Center
EPI447801	PB1	China	2013-Apr-10	A/Shanghai/11/2013		WHO Chinese National Influenza Center
EPI447809	PB1	China	2013-Apr-09	A/Shanghai/10/2013		WHO Chinese National Influenza Center
EPI447822	PB1	China	2013-Apr-10	A/Shanghai/06-A/2013		WHO Chinese National Influenza Center
EPI447836	PB1	China	2013-Apr-12	A/Beijing/01-A/2013		WHO Chinese National Influenza Center
EPI447850	PB1	China	2013-Apr-05	A/Jiangsu/04/2013		WHO Chinese National Influenza Center
EPI447863	PB1	China	2013-Apr-06	A/Jiangsu/03/2013		WHO Chinese National Influenza Center
EPI447876	PB1	China	2013-Mar-31	A/Jiangsu/02/2013		WHO Chinese National Influenza Center
EPI447910	PB1	China	2013-Apr-02	A/shanghai/05/2013		WHO Chinese National Influenza Center
EPI447183	PB1	Russian Fed	2013-Mar-20	A/St. Petersburg/151/2013	Russian Academy of Medical Scienc	Centers for Disease Control and Prevention
EPI446153	PB1	Kenya	2010-Jun-12	A/Nairobi/97/2010	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI446132	PB1	Kenya	2010-Jun-04	A/Nairobi/72/2010	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI446124	PB1	Kenya	2010-Mar-25	A/Nairobi/25/2010	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI446116	PB1	Kenya	2010-Mar-25	A/Nairobi/24/2010	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI446108	PB1	Kenya	2010-Mar-20	A/Nairobi/21/2010	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI446100	PB1	Kenya	2010-Mar-20	A/Nairobi/20/2010	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI446092	PB1	Kenya	2010-Jan-21	A/Kijabe/16/2010	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI446084	PB1	Kenya	2010-Mar-12	A/Nairobi/11/2010	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI446076	PB1	Kenya	2009-Dec-09	A/Nairobi/16/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute

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EPI446069	PB1	Kenya	2009-Nov-04	A/Nairobi/3/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI446055	PB1	Kenya	2009-Oct-27	A/Kikuyu/184/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI446048	PB1	Kenya	2009-Oct-12	A/Kisii/115/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI446041	PB1	Kenya	2009-Oct-15	A/Kisii/143/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI446034	PB1	Kenya	2009-Oct-29	A/Kisii/205/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI446018	PB1	Kenya	2009-Oct-03	A/Nairobi/37/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI446010	PB1	Kenya	2009-Oct-02	A/Mombasa/27/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI445994	PB1	Bangladesh	2011-Feb-26	A/Bangladesh/0994/2011	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI445910	PB1	Taiwan	2013-Apr-24	A/Taiwan/1/2013	National Influenza Center, Centers	Taiwan CDC
EPI447190	PB1	United State	2012-Oct-20	A/New York/39/2012	New York State Department of Hea	Centers for Disease Control and Prevention
EPI445652	PB1	United State	2013-Feb-20	A/Alaska/02/2013	Alaska State Virology Lab	Centers for Disease Control and Prevention
EPI443707	PB1	United State	2013-Jan-07	A/Washington/07/2013	Spokane Regional Health District	Centers for Disease Control and Prevention
EPI443695	PB1	United State	2003-Feb-13	A/Wyoming/03/2003	Iowa State Hygienic Laboratory	Centers for Disease Control and Prevention
EPI443276	PB1	Kenya	2009-Oct-16	A/Mombasa/148/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI443269	PB1	Kenya	2009-Oct-27	A/Mombasa/179/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI443261	PB1	Kenya	2009-Oct-22	A/Trans-Nzoia/168/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI443253	PB1	Kenya	2010-Oct-27	A/Nakuru/192/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI443246	PB1	Kenya	2009-Sep-29	A/Mombasa/512/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI443239	PB1	Kenya	2009-Jul-30	A/Kitale/532/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI443231	PB1	Kenya	2009-Sep-30	A/Kitale/531/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI443224	PB1	Kenya	2009-Sep-29	A/Meru/467/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI443217	PB1	Kenya	2009-Sep-29	A/Nyeri/478/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI443210	PB1	Kenya	2009-Sep-22	A/Embu/169/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI443203	PB1	Kenya	2009-Sep-19	A/Eldoret/120/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI443182	PB1	Kenya	2009-Sep-15	A/Nairobi/59/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI443174	PB1	Kenya	2009-Sep-15	A/Nairobi/58/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI443167	PB1	Kenya	2009-Jul-05	A/Keiyo/96/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI443157	PB1	Kenya	2009-Jul-05	A/Garissa/78/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI443112	PB1	Kenya	2009-Jul-03	A/Nairobi/64/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI443065	PB1	Kenya	2009-Jul-02	A/Kisumu/61/2009	ARI Unit, Kenya Medical Research I	Kenya Medical Research Institute
EPI443040	PB1	China	2013-Apr-03	A/Zhejiang/2/2013	Zhejiang Provincial Center for Disea	Zhejiang Provincial Center for Disease Control and Prevention
EPI443032	PB1	China	2013-Mar-24	A/Zhejiang/1/2013	Zhejiang Provincial Center for Disea	Zhejiang Provincial Center for Disease Control and Prevention
EPI447942	PB1	China	2013-Mar-25	A/Zhejiang/01/2013		WHO Chinese National Influenza Center
EPI447950	PB1	China	2013-Mar-09	A/Shanghai/4/2013		WHO Chinese National Influenza Center

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EPI447960	PB1	China	2013-Feb-27	A/Shanghai/3/2013		WHO Chinese National Influenza Center
EPI443015	PB1	Kenya	2009-Jul-02	A/Kisumu/56/2009	ARI Unit, Kenya Medical Research I	Kenyatta University
EPI446456	PB1	China	2013-Apr-02	A/Hangzhou/3/2013	Hangzhou Center for Disease Contr	Hangzhou Center for Disease Control and Prevention
EPI446450	PB1	China	2013-Mar-25	A/Hangzhou/2/2013	Hangzhou Center for Disease Contr	Hangzhou Center for Disease Control and Prevention
EPI441600	PB1	China	2013-Mar-24	A/Hangzhou/1/2013	Hangzhou Center for Disease Contr	Hangzhou Center for Disease Control and Prevention
EPI439508	PB1	China	2013-Mar-20	A/Anhui/1/2013		WHO Chinese National Influenza Center
EPI439489	PB1	China	2013-Feb-26	A/Shanghai/1/2013		WHO Chinese National Influenza Center
EPI438418	PB1	China	2012-Dec-12	A/Hebei-Yuhua/SWL1250/2012 (H1N	China National Influenza Centre	WHO Chinese National Influenza Center
EPI436259	PB1	United State	2012-Oct-20	A/New York/39/2012	New York State Department of Hea	Centers for Disease Control and Prevention
EPI420767	PB1	China	2013-Feb-09	A/Guizhou/2/2013	WHO Chinese National Influenza Ce	China National Influenza Centre
EPI420390	PB1	China	2013-Feb-08	A/Guizhou/1/2013	WHO Chinese National Influenza Ce	China National Influenza Centre
EPI418172	PB1	India	2012-Dec-22	A/India/2192/2012	All India Institute of Medical Scienc	Centers for Disease Control and Prevention
EPI418121	PB1	China	2012-Oct-04	A/Beijing-Xicheng/12423/2012	WHO Chinese National Influenza Ce	Centers for Disease Control and Prevention
EPI450437	PB1	Australia	2012-Oct-06	A/SOUTH AUSTRALIA/162/2012	Institute of Medical and Veterinary	WHO Collaborating Centre for Reference and Research on Influenza
EPI490085	PB1	United State	2012-Nov-12	A/Delaware/15/2012	Delaware Public Health Lab	Centers for Disease Control and Prevention
EPI418016	PB1	Australia	2011-Oct-24	A/Victoria/361/2011	WHO Collaborating Centre for Refe	Centers for Disease Control and Prevention
EPI417229	PB1	United State	2012-Oct-22	A/Arizona/09/2012	Arizona Department of Health Serv	Centers for Disease Control and Prevention
EPI416143	PB1	United State	2012-Dec-03	A/Michigan/33/2012	Michigan Department of Communi	Centers for Disease Control and Prevention
EPI440093	PB1	United State	2012-Nov-18	A/Michigan/32/2012	Michigan Department of Communi	Centers for Disease Control and Prevention
EPI404994	PB1	United State	2012-Apr-21	A/Pennsylvania/09/2012	Centers for Disease Control and Pr	Centers for Disease Control and Prevention
EPI404987	PB1	United State	2012-Apr-21	A/Pennsylvania/09/2012	Pennsylvania Department of Health	Centers for Disease Control and Prevention
EPI418259	PB1	United State	2012-Oct-18	A/Iowa/14/2012	Iowa State Hygienic Laboratory	Centers for Disease Control and Prevention
EPI404188	PB1	United State	2012-Nov-17	A/Iowa/16/2012	Iowa State Hygienic Laboratory	Centers for Disease Control and Prevention
EPI439202	PB1	Bangladesh	2012-Jul-21	A/Bangladesh/2021/2012	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI400103	PB1	Kenya	2012-Mar-27	A/Kenya/224/2012	US Army Medical Research Unit - K	USAMRU-K
EPI400080	PB1	Kenya	2012-Mar-16	A/Kenya/223/2012	US Army Medical Research Unit - K	USAMRU-K
EPI398422	PB1	United State	2012-Jul-09	A/Hawaii/22/2012	State of Hawaii Department of Hea	Centers for Disease Control and Prevention
EPI398415	PB1	United State	2012-Apr-15	A/Texas/50/2012	Texas Department of State Health S	Centers for Disease Control and Prevention
EPI397959	PB1	United State	2012-Sep-10	A/Ohio/88/2012	Ohio Department of Health Laborat	Centers for Disease Control and Prevention
EPI397952	PB1	United State	2012-Aug-27	A/Ohio/85/2012	Ohio Department of Health Laborat	Centers for Disease Control and Prevention
EPI397930	PB1	United State	2012-Jul-29	A/Ohio/19/2012	Ohio Department of Health Laborat	Centers for Disease Control and Prevention
EPI397881	PB1	United State	2012-Jul-09	A/Hawaii/22/2012	State of Hawaii Department of Hea	Centers for Disease Control and Prevention
EPI398045	PB1	United State	2012-Apr-15	A/Texas/50/2012	Texas Department of State Health S	Centers for Disease Control and Prevention
EPI397866	PB1	Australia	2009-Jul-05	A/TASMANIA/2004/2009	Royal Hobart Hospital	WHO Collaborating Centre for Reference and Research on Influenza

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EPI397749	PB1	United States	2012-Aug-12	A/Ohio/87/2012	Ohio Department of Health Laboratory	Centers for Disease Control and Prevention
EPI397660	PB1	United States	2012-Aug-20	A/Maryland/28/2012	Maryland Department of Health and General Services	Centers for Disease Control and Prevention
EPI397560	PB1	United States	2012-Aug-20	A/Wisconsin/29/2012	Wisconsin State Laboratory of Hygiene	Centers for Disease Control and Prevention
EPI397546	PB1	United States	2012-Sep-04	A/Ohio/83/2012	Ohio Department of Health Laboratory	Centers for Disease Control and Prevention
EPI397538	PB1	United States	2012-Aug-10	A/Ohio/56/2012	Ohio Department of Health Laboratory	Centers for Disease Control and Prevention
EPI397530	PB1	United States	2012-Aug-07	A/Ohio/47/2012	Ohio Department of Health Laboratory	Centers for Disease Control and Prevention
EPI397522	PB1	United States	2012-Aug-08	A/Ohio/44/2012	Ohio Department of Health Laboratory	Centers for Disease Control and Prevention
EPI397514	PB1	United States	2012-Aug-02	A/Ohio/36/2012	Ohio Department of Health Laboratory	Centers for Disease Control and Prevention
EPI397653	PB1	United States	2012-Aug-02	A/Indiana/90/2012	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI397444	PB1	United States	2012-Aug-22	A/Wisconsin/31/2012	Wisconsin State Laboratory of Hygiene	Centers for Disease Control and Prevention
EPI397430	PB1	United States	2012-Aug-17	A/Ohio/81/2012	Ohio Department of Health Laboratory	Centers for Disease Control and Prevention
EPI397424	PB1	United States	2012-Sep-05	A/Minnesota/15/2012	Minnesota Department of Health	Centers for Disease Control and Prevention
EPI397416	PB1	United States	2012-Aug-16	A/Michigan/23/2012	Michigan Department of Community and Public Health	Centers for Disease Control and Prevention
EPI397410	PB1	United States	2012-Aug-15	A/Michigan/16/2012	Michigan Department of Community and Public Health	Centers for Disease Control and Prevention
EPI397402	PB1	United States	2012-Aug-03	A/Indiana/99/2012	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI397394	PB1	United States	2012-Aug-06	A/Indiana/93/2012	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI397376	PB1	United States	2012-Aug-04	A/Indiana/123/2012	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI397349	PB1	United States	2012-Aug-05	A/Ohio/37/2012	Ohio Department of Health Laboratory	Centers for Disease Control and Prevention
EPI397337	PB1	United States	2012-Jul-12	A/Hawaii/03/2012	State of Hawaii Department of Health	Centers for Disease Control and Prevention
EPI397356	PB1	United States	2012-Aug-10	A/Ohio/63/2012	Ohio Department of Health Laboratory	Centers for Disease Control and Prevention
EPI397354	PB1	United States	2012-Aug-05	A/Ohio/57/2012	Ohio Department of Health Laboratory	Centers for Disease Control and Prevention
EPI396268	PB1	United States	2012-Aug-03	A/Indiana/133/2012	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI396260	PB1	United States	2012-Aug-04	A/Indiana/127/2012	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI396244	PB1	United States	2012-Aug-03	A/Indiana/125/2012	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI397094	PB1	United States	2012-Aug-03	A/Ohio/34/2012	Ohio Department of Health Laboratory	Centers for Disease Control and Prevention
EPI396228	PB1	United States	2012-Aug-09	A/Indiana/147/2012	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI397091	PB1	United States	2012-Aug-02	A/Indiana/57/2012	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI396199	PB1	United States	2012-Aug-09	A/Ohio/79/2012	Ohio Department of Health Laboratory	Centers for Disease Control and Prevention
EPI396190	PB1	United States	2012-Aug-15	A/Ohio/77/2012	Ohio Department of Health Laboratory	Centers for Disease Control and Prevention
EPI396181	PB1	United States	2012-Aug-02	A/Indiana/77/2012	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI396174	PB1	United States	2012-Aug-19	A/Ohio/80/2012	Ohio Department of Health Laboratory	Centers for Disease Control and Prevention
EPI396168	PB1	United States	2012-Aug-16	A/Michigan/19/2012	Michigan Department of Community and Public Health	Centers for Disease Control and Prevention
EPI397109	PB1	United States	2012-Aug-23	A/Pennsylvania/17/2012	Pennsylvania Department of Health	Centers for Disease Control and Prevention
EPI395349	PB1	United States	2012-Aug-16	A/Michigan/20/2012	Michigan Department of Community and Public Health	Centers for Disease Control and Prevention

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EPI397110	PB1	United States	2012-Aug-28	A/Wisconsin/28/2012	Wisconsin State Laboratory of Hygiene	Centers for Disease Control and Prevention
EPI395326	PB1	United States	2011-Nov-21	A/West Virginia/06/2011	West Virginia Office of Laboratory Medicine	Centers for Disease Control and Prevention
EPI395311	PB1	United States	2012-Aug-16	A/Missouri/12/2012	Missouri Department of Health & Senior Services	Centers for Disease Control and Prevention
EPI395292	PB1	United States	2012-Aug-18	A/Maryland/25/2012	Maryland Department of Health and General Services	Centers for Disease Control and Prevention
EPI395265	PB1	United States	2012-Aug-11	A/Ohio/65/2012	Ohio Department of Health Laboratory	Centers for Disease Control and Prevention
EPI395257	PB1	United States	2012-Aug-04	A/Ohio/35/2012	Ohio Department of Health Laboratory	Centers for Disease Control and Prevention
EPI395249	PB1	United States	2012-Aug-10	A/Indiana/152/2012	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI394943	PB1	United States	2012-Aug-16	A/Maryland/22/2012	Maryland Department of Health and General Services	Centers for Disease Control and Prevention
EPI395275	PB1	United States	2012-Aug-16	A/Ohio/75/2012	Ohio Department of Health Laboratory	Centers for Disease Control and Prevention
EPI394931	PB1	United States	2012-Aug-15	A/Wisconsin/23/2012	Wisconsin State Laboratory of Hygiene	Centers for Disease Control and Prevention
EPI394924	PB1	United States	2012-Aug-14	A/Illinois/11/2012	Illinois Department of Public Health	Centers for Disease Control and Prevention
EPI394919	PB1	United States	2012-Aug-13	A/Ohio/69/2012	Ohio Department of Health Laboratory	Centers for Disease Control and Prevention
EPI394911	PB1	United States	2012-Aug-03	A/Indiana/132/2012	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI394881	PB1	Australia	2012-Jun-11	A/Victoria/523/2012	WHO Collaborating Centre for Reference and Research on Influenza	Centers for Disease Control and Prevention
EPI450442	PB1	Sri Lanka	2012-Jan-01	A/SRI LANKA/22/2012	Medical Research Institute	WHO Collaborating Centre for Reference and Research on Influenza
EPI450427	PB1	Singapore	2012-Jun-22	A/SINGAPORE/12/2012	National Public Health Laboratory	WHO Collaborating Centre for Reference and Research on Influenza
EPI450417	PB1	Fiji	2012-Jul-16	A/FIJI/4/2012	National Centre for Scientific Services	WHO Collaborating Centre for Reference and Research on Influenza
EPI450422	PB1	Malaysia	2012-Jan-01	A/MALAYSIA/192/2012	Institut Penyelidikan Perubatan	WHO Collaborating Centre for Reference and Research on Influenza
EPI539651	PB1	New Zealand	2012-Jul-07	A/CHRISTCHURCH/516/2012	Canterbury Health Services	WHO Collaborating Centre for Reference and Research on Influenza
EPI394147	PB1	New Zealand	2012-Jul-03	A/CHRISTCHURCH/503/2012	Canterbury Health Services	WHO Collaborating Centre for Reference and Research on Influenza
EPI394136	PB1	Australia	2012-Jun-26	A/TASMANIA/26/2012	Royal Hobart Hospital	WHO Collaborating Centre for Reference and Research on Influenza
EPI394122	PB1	New Caledonia	2012-Mar-26	A/NEW CALEDONIA/1/2012	Institut Pasteur New Caledonia	WHO Collaborating Centre for Reference and Research on Influenza
EPI394075	PB1	United States	2012-Aug-17	A/Wisconsin/27/2012	Wisconsin State Laboratory of Hygiene	Centers for Disease Control and Prevention
EPI393780	PB1	United States	2012-Aug-25	A/Ohio/74/2012	Ohio Department of Health Laboratory	Centers for Disease Control and Prevention
EPI393772	PB1	United States	2012-Apr-17	A/New York/34/2012	New York State Department of Health	Centers for Disease Control and Prevention
EPI418242	PB1	United States	2012-Jun-17	A/Washington/24/2012	Washington State Public Health Laboratory	Centers for Disease Control and Prevention
EPI393766	PB1	United States	2012-Apr-01	A/Maryland/13/2012	Maryland Department of Health and General Services	Centers for Disease Control and Prevention
EPI393708	PB1	United States	2012-Aug-26	A/Minnesota/12/2012	Minnesota Department of Health	Centers for Disease Control and Prevention
EPI393700	PB1	United States	2012-Aug-10	A/Ohio/64/2012	Ohio Department of Health Laboratory	Centers for Disease Control and Prevention
EPI393693	PB1	United States	2012-Aug-09	A/West Virginia/16/2012	West Virginia Office of Laboratory Medicine	Centers for Disease Control and Prevention
EPI393679	PB1	United States	2012-Aug-06	A/West Virginia/10/2012	West Virginia Office of Laboratory Medicine	Centers for Disease Control and Prevention
EPI395285	PB1	United States	2012-Aug-13	A/Ohio/71/2012	Ohio Department of Health Laboratory	Centers for Disease Control and Prevention
EPI393665	PB1	United States	2012-Aug-01	A/Ohio/28/2012	Ohio Department of Health Laboratory	Centers for Disease Control and Prevention
EPI393660	PB1	United States	2012-Aug-13	A/Ohio/62/2012	Ohio Department of Health Laboratory	Centers for Disease Control and Prevention

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EPI393517	PB1	United States	2012-Aug-02	A/Indiana/65/2012	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI393509	PB1	United States	2012-Aug-05	A/Ohio/52/2012	Ohio Department of Health Laboratory	Centers for Disease Control and Prevention
EPI393309	PB1	United States	2012-Aug-06	A/West Virginia/09/2012	West Virginia Office of Laboratory Science	Centers for Disease Control and Prevention
EPI393287	PB1	Spain	2008-Nov-12	A/Aragon/RR3218/2008	Instituto de Salud Carlos III	Centre for Infections, Health Protection Agency
EPI392924	PB1	United States	2012-Aug-16	A/Maryland/20/2012	Maryland Department of Health and General Services	Centers for Disease Control and Prevention
EPI392746	PB1	United States	2012-Aug-13	A/Wisconsin/22/2012	Wisconsin State Laboratory of Hygiene	Centers for Disease Control and Prevention
EPI392733	PB1	United States	2012-Aug-15	A/Pennsylvania/13/2012	Pennsylvania Department of Health	Centers for Disease Control and Prevention
EPI392727	PB1	United States	2012-Aug-10	A/Michigan/14/2012	Michigan Department of Community Health	Centers for Disease Control and Prevention
EPI392722	PB1	United States	2012-Aug-05	A/Kentucky/11/2012	Kentucky Division of Laboratory Services	Centers for Disease Control and Prevention
EPI393521	PB1	United States	2012-Aug-06	A/Illinois/09/2012	Illinois Department of Public Health	Centers for Disease Control and Prevention
EPI393535	PB1	United States	2012-Aug-02	A/Indiana/59/2012	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI397917	PB1	United States	2012-Jul-28	A/Ohio/17/2012	Ohio Department of Health Laboratory	Centers for Disease Control and Prevention
EPI388361	PB1	United States	2012-Jul-31	A/Indiana/16/2012	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI392750	PB1	United States	2012-Jul-29	A/Indiana/20/2012	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI388344	PB1	United States	2012-Jul-29	A/Indiana/15/2012	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI388317	PB1	United States	2012-Jul-28	A/Ohio/20/2012	Ohio Department of Health Laboratory	Centers for Disease Control and Prevention
EPI388310	PB1	United States	2012-Jul-28	A/Ohio/15/2012	Ohio Department of Health Laboratory	Centers for Disease Control and Prevention
EPI388303	PB1	United States	2012-Jul-29	A/Ohio/14/2012	Ohio Department of Health Laboratory	Centers for Disease Control and Prevention
EPI388288	PB1	United States	2012-Jul-30	A/Indiana/17/2012	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI439211	PB1	United States	2012-Mar-28	A/Colorado/14/2012	Colorado Department of Health and Human Services	Centers for Disease Control and Prevention
EPI397577	PB1	United States	2012-Mar-08	A/Ohio/02/2012	WHO Collaborating Centre for Reference and Research on Influenza	Centers for Disease Control and Prevention
EPI384817	PB1	United States	2012-Jan-30	A/Rhode Island/01/2012	Rhode Island Department of Health	Centers for Disease Control and Prevention
EPI381871	PB1	United States	2012-Jul-12	A/Hawaii/03/2012	State of Hawaii Department of Health	Centers for Disease Control and Prevention
EPI381855	PB1	United States	2012-Jul-27	A/Ohio/13/2012	Ohio Department of Health Laboratory	Centers for Disease Control and Prevention
EPI381847	PB1	United States	2012-Jul-27	A/Indiana/12/2012	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI379590	PB1	Australia	2012-Apr-24	A/BRISBANE/39/2012	Queensland Health Scientific Services	WHO Collaborating Centre for Reference and Research on Influenza
EPI450432	PB1	Thailand	2012-Mar-06	A/SONG KHLA/40/2012	WHO National Influenza Centre, Nakhon Phanom	WHO Collaborating Centre for Reference and Research on Influenza
EPI379506	PB1	Papua New Guinea	2012-Mar-05	A/GOROKA/5/2012	Papua New Guinea Institute of Medical Research	WHO Collaborating Centre for Reference and Research on Influenza
EPI394050	PB1	Australia	2012-May-10	A/SOUTH AUSTRALIA/30/2012	Institute of Medical and Veterinary Science	WHO Collaborating Centre for Reference and Research on Influenza
EPI379445	PB1	Australia	2012-Apr-08	A/PERTH/41/2012	Pathwest QE II Medical Centre	WHO Collaborating Centre for Reference and Research on Influenza
EPI378513	PB1	United States	2012-Jul-16	A/Indiana/07/2012	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI378500	PB1	United States	2012-Jul-16	A/Indiana/07/2012	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI377002	PB1	Australia	2011-Nov-18	A/SOUTH AUSTRALIA/313/2011	Institute of Medical and Veterinary Science	WHO Collaborating Centre for Reference and Research on Influenza
EPI376892	PB1	Australia	2012-Jan-21	A/TOWNSVILLE/1/2012	Queensland Health Scientific Services	WHO Collaborating Centre for Reference and Research on Influenza

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EPI376884	PB1	Australia	2012-Feb-20	A/TASMANIA/1/2012	Royal Hobart Hospital	WHO Collaborating Centre for Reference and Research on Influenza
EPI377528	PB1	United States	2012-Apr-26	A/North Carolina/18/2012	North Carolina State Laboratory of Health	Centers for Disease Control and Prevention
EPI375502	PB1	Hong Kong	2012-May-28	A/Hong Kong/5923/2012	Public Health Laboratory Services Branch	Public Health Laboratory Services Branch, Centre for Health Protection
EPI372961	PB1	Egypt	2011-Oct-30	A/Egypt/N10621/2011	U.S. Naval Medical Research Unit No. 3	Centers for Disease Control and Prevention
EPI372937	PB1	Egypt	2011-Dec-01	A/Egypt/N11126/2011	U.S. Naval Medical Research Unit No. 3	Centers for Disease Control and Prevention
EPI372921	PB1	Egypt	2011-Jan-01	A/Egypt/N7724/2011	U.S. Naval Medical Research Unit No. 3	Centers for Disease Control and Prevention
EPI372913	PB1	Egypt	2011-Jan-01	A/Egypt/N7592/2011	U.S. Naval Medical Research Unit No. 3	Centers for Disease Control and Prevention
EPI372905	PB1	Egypt	2011-Jan-01	A/Egypt/N7562/2011	U.S. Naval Medical Research Unit No. 3	Centers for Disease Control and Prevention
EPI372889	PB1	Egypt	2011-Jan-01	A/Egypt/N6828/2011	U.S. Naval Medical Research Unit No. 3	Centers for Disease Control and Prevention
EPI372881	PB1	Egypt	2011-Jan-01	A/Egypt/N6774/2011	U.S. Naval Medical Research Unit No. 3	Centers for Disease Control and Prevention
EPI372865	PB1	Egypt	2011-Jan-01	A/Egypt/N6658/2011	U.S. Naval Medical Research Unit No. 3	Centers for Disease Control and Prevention
EPI372857	PB1	Egypt	2011-Jan-01	A/Egypt/N6322/2011	U.S. Naval Medical Research Unit No. 3	Centers for Disease Control and Prevention
EPI372849	PB1	Egypt	2011-Jan-01	A/Egypt/N0544/2011	U.S. Naval Medical Research Unit No. 3	Centers for Disease Control and Prevention
EPI372843	PB1	Egypt	2010-Mar-07	A/Egypt/N03072/2010	U.S. Naval Medical Research Unit No. 3	Centers for Disease Control and Prevention
EPI372837	PB1	Egypt	2010-Mar-03	A/Egypt/N03071/2010	U.S. Naval Medical Research Unit No. 3	Centers for Disease Control and Prevention
EPI372831	PB1	Egypt	2010-Feb-23	A/Egypt/N02554/2010	U.S. Naval Medical Research Unit No. 3	Centers for Disease Control and Prevention
EPI372825	PB1	Egypt	2010-Feb-13	A/Egypt/N02127/2010	U.S. Naval Medical Research Unit No. 3	Centers for Disease Control and Prevention
EPI372819	PB1	Egypt	2010-Feb-15	A/Egypt/N02038/2010	U.S. Naval Medical Research Unit No. 3	Centers for Disease Control and Prevention
EPI372801	PB1	Egypt	2010-Feb-02	A/Egypt/N01360/2010	U.S. Naval Medical Research Unit No. 3	Centers for Disease Control and Prevention
EPI372795	PB1	Egypt	2009-Nov-22	A/Egypt/N11981/2009	U.S. Naval Medical Research Unit No. 3	Centers for Disease Control and Prevention
EPI372789	PB1	Egypt	2009-Apr-19	A/Egypt/3450-NAMRU3/2009	U.S. Naval Medical Research Unit No. 3	Centers for Disease Control and Prevention
EPI372783	PB1	Egypt	2009-May-11	A/Egypt/4394-NAMRU3/2009	U.S. Naval Medical Research Unit No. 3	Centers for Disease Control and Prevention
EPI372777	PB1	Egypt	2009-May-17	A/Egypt/4396-NAMRU3/2009	U.S. Naval Medical Research Unit No. 3	Centers for Disease Control and Prevention
EPI372771	PB1	Egypt	2009-Mar-30	A/Egypt/3228-NAMRU3/2009	U.S. Naval Medical Research Unit No. 3	Centers for Disease Control and Prevention
EPI372759	PB1	Egypt	2009-Mar-24	A/Egypt/2752-NAMRU3/2009	U.S. Naval Medical Research Unit No. 3	Centers for Disease Control and Prevention
EPI372745	PB1	Egypt	2009-May-31	A/Egypt/4979-NAMRU3/2009	U.S. Naval Medical Research Unit No. 3	Centers for Disease Control and Prevention
EPI372727	PB1	Egypt	2009-Sep-16	A/Egypt/9539-NAMRU3/2009	U.S. Naval Medical Research Unit No. 3	Centers for Disease Control and Prevention
EPI372713	PB1	Egypt	2009-May-18	A/Egypt/9538-NAMRU3/2009	U.S. Naval Medical Research Unit No. 3	Centers for Disease Control and Prevention
EPI372701	PB1	Egypt	2009-Jan-01	A/Egypt/0001-NAMRU3/2009	U.S. Naval Medical Research Unit No. 3	Centers for Disease Control and Prevention
EPI372689	PB1	Egypt	2009-Jan-01	A/Egypt/1310-NAMRU3/2009	U.S. Naval Medical Research Unit No. 3	Centers for Disease Control and Prevention
EPI372683	PB1	Egypt	2009-Jan-01	A/Egypt/0606-NAMRU3/2009	U.S. Naval Medical Research Unit No. 3	Centers for Disease Control and Prevention
EPI372665	PB1	Egypt	2008-Jan-01	A/Egypt/3300-NAMRU3/2008	U.S. Naval Medical Research Unit No. 3	Centers for Disease Control and Prevention
EPI372657	PB1	Egypt	2008-Jan-01	A/Egypt/2472-NAMRU3/2008	U.S. Naval Medical Research Unit No. 3	Centers for Disease Control and Prevention
EPI372645	PB1	Egypt	2008-Mar-02	A/Egypt/2289-NAMRU3/2008	U.S. Naval Medical Research Unit No. 3	Centers for Disease Control and Prevention

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EPI372639	PB1	Egypt	2008-Feb-26	A/Egypt/1980-NAMRU3/2008	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372627	PB1	Egypt	2007-Dec-29	A/Egypt/0216-NAMRU3/2007	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372615	PB1	Egypt	2007-Dec-24	A/Egypt/0211-NAMRU3/2007	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372609	PB1	Egypt	2007-Jul-21	A/Egypt/6251-NAMRU3/2007	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372597	PB1	Egypt	2007-Jun-21	A/Egypt/4226-NAMRU3/2007	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372591	PB1	Egypt	2007-Feb-28	A/Egypt/902-NAMRU3/2007	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372585	PB1	Egypt	2007-Mar-13	A/Egypt/321-NAMRU3/2007	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372579	PB1	Egypt	2007-Feb-05	A/Egypt/394-NAMRU3/2007	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI371817	PB1	United States	2012-Mar-06	A/Michigan/03/2012	Michigan Department of Communi	Centers for Disease Control and Prevention
EPI371800	PB1	United States	2012-Feb-16	A/New Mexico/07/2012	New Mexico Department of Health	Centers for Disease Control and Prevention
EPI371790	PB1	United States	2012-Feb-20	A/California/22/2012	California Department of Health Se	Centers for Disease Control and Prevention
EPI371774	PB1	United States	2012-Mar-30	A/Nevada/12/2012	Southern Nevada Public Health Lab	Centers for Disease Control and Prevention
EPI370405	PB1	United States	2012-Feb-23	A/Texas/27/2012	Texas Childrens Hospital	Centers for Disease Control and Prevention
EPI376926	PB1	Cambodia	2011-Nov-17	A/CAMBODIA/74/2011	USAMC-AFRIMS Department of Vir	WHO Collaborating Centre for Reference and Research on Influenza
EPI370305	PB1	Australia	2011-Aug-23	A/PERTH/299/2011	Pathwest QE II Medical Centre	WHO Collaborating Centre for Reference and Research on Influenza
EPI394053	PB1	Australia	2011-Dec-16	A/TOWNSVILLE/133/2011	Queensland Health Scientific Servic	WHO Collaborating Centre for Reference and Research on Influenza
EPI368641	PB1	United States	2012-Feb-21	A/Texas/26/2012	Corpus Christi-Nueces County Publ	Centers for Disease Control and Prevention
EPI368667	PB1	United States	2012-Feb-27	A/Florida/06/2012	Florida Department of Health-Tam	Centers for Disease Control and Prevention
EPI368435	PB1	United States	2012-Mar-01	A/North Carolina/09/2012	North Carolina State Laboratory of	Centers for Disease Control and Prevention
EPI363017	PB1	United States	2012-Jan-25	A/California/17/2012	California Department of Health Se	Centers for Disease Control and Prevention
EPI398411	PB1	United States	2012-Feb-26	A/Texas/22/2012	Dallas County Health and Human S	Centers for Disease Control and Prevention
EPI359562	PB1	United States	2012-Mar-05	A/Maryland/06/2012	Maryland Department of Health an	Centers for Disease Control and Prevention
EPI370179	PB1	Australia	2011-Oct-20	A/BRISBANE/395/2011	Queensland Health Scientific Servic	WHO Collaborating Centre for Reference and Research on Influenza
EPI370178	PB1	Australia	2011-Sep-06	A/BRISBANE/382/2011	Queensland Health Scientific Servic	WHO Collaborating Centre for Reference and Research on Influenza
EPI370186	PB1	Australia	2011-Sep-17	A/PERTH/219/2011	Pathwest QE II Medical Centre	WHO Collaborating Centre for Reference and Research on Influenza
EPI357634	PB1	Australia	2011-Sep-09	A/PERTH/194/2011	Pathwest QE II Medical Centre	WHO Collaborating Centre for Reference and Research on Influenza
EPI370279	PB1	Australia	2011-Aug-23	A/PERTH/175/2011	Pathwest QE II Medical Centre	WHO Collaborating Centre for Reference and Research on Influenza
EPI356494	PB1	Mexico	2011-Dec-12	A/Mexico/3752/2011	Laboratorio de Virus Respiratorio	Centers for Disease Control and Prevention
EPI355226	PB1	Pakistan	2009-Dec-02	A/Pakistan/154/2009	National Institute of Health	Centers for Disease Control and Prevention
EPI355215	PB1	Pakistan	2009-Nov-07	A/Pakistan/81/2009	National Institute of Health	Centers for Disease Control and Prevention
EPI353904	PB1	Australia	2011-Oct-24	A/Victoria/361/2011	WHO Collaborating Centre for Refe	Centers for Disease Control and Prevention
EPI353945	PB1	United States	2011-Nov-04	A/Kentucky/05/2011	Centers for Disease Control and Pre	Centers for Disease Control and Prevention
EPI353510	PB1	Hong Kong	2009-Apr-07	A/Hong Kong/2000/2009	Government Virus Unit	Centers for Disease Control and Prevention
EPI353435	PB1	Mexico	2011-Dec-12	A/Mexico/3723/2011	Laboratorio de Virus Respiratorio	Centers for Disease Control and Prevention

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EPI353309	PB1	Australia	2007-Feb-06	A/BRISBANE/10/2007	Queensland Health Scientific Service	WHO Collaborating Centre for Reference and Research on Influenza
EPI353296	PB1	Australia	2011-Feb-18	A/BRISBANE/70/2011	Queensland Health Scientific Service	WHO Collaborating Centre for Reference and Research on Influenza
EPI349305	PB1	Australia	2011-Jul-19	A/SYDNEY/74/2011	Westmead Hospital	WHO Collaborating Centre for Reference and Research on Influenza
EPI349295	PB1	Australia	2011-Jul-15	A/NEWCASTLE/179/2011	John Hunter Hospital, Virology Unit	WHO Collaborating Centre for Reference and Research on Influenza
EPI370284	PB1	Australia	2011-Jul-07	A/PERTH/54/2011	Pathwest QE II Medical Centre	WHO Collaborating Centre for Reference and Research on Influenza
EPI349235	PB1	New Zealand	2011-Aug-01	A/CHRISTCHURCH/18/2011	Canterbury Health Services	WHO Collaborating Centre for Reference and Research on Influenza
EPI349227	PB1	Australia	2011-Aug-04	A/SYDNEY/56/2011	Westmead Hospital	WHO Collaborating Centre for Reference and Research on Influenza
EPI370273	PB1	Cambodia	2011-Jul-18	A/CAMBODIA/11/2011	Institute Pasteur du Cambodia	WHO Collaborating Centre for Reference and Research on Influenza
EPI349207	PB1	Australia	2011-Aug-05	A/NEWCASTLE/170/2011	John Hunter Hospital, Virology Unit	WHO Collaborating Centre for Reference and Research on Influenza
EPI349184	PB1	Australia	2011-Aug-08	A/VICTORIA/821/2011	Austin Health	WHO Collaborating Centre for Reference and Research on Influenza
EPI349153	PB1	Australia	2011-Jul-06	A/PERTH/49/2011	Pathwest QE II Medical Centre	WHO Collaborating Centre for Reference and Research on Influenza
EPI349129	PB1	Australia	2011-Jun-14	A/BRISBANE/210/2011	Queensland Health Scientific Service	WHO Collaborating Centre for Reference and Research on Influenza
EPI348481	PB1	United States	2011-Nov-06	A/Utah/12/2011	Utah Department of Health	Centers for Disease Control and Prevention
EPI353948	PB1	United States	2011-Nov-04	A/Kentucky/05/2011	Kentucky Division of Laboratory Services	Centers for Disease Control and Prevention
EPI347308	PB1	China	2011-Dec-28	A/Guangdong-Shenzhen/1/2011(H5N1)	WHO Chinese National Influenza Center	WHO Chinese National Influenza Center
EPI464920	PB1	Italy	2010-Jan-12	A/guinea fowl/Italy/10VIR-218-134/2010	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI450829	PB1	China	2013-Apr-04	A/quail/Hangzhou/35/2013	Hangzhou Center for Disease Control and Prevention	Hangzhou Center for Disease Control and Prevention
EPI448277	PB1	Bangladesh	2012-Feb-20	A/duck/Bangladesh/32077/2012	Institute of Epidemiology Disease Control and Prevention	Centers for Disease Control and Prevention
EPI448269	PB1	Bangladesh	2012-Jan-08	A/chicken/Bangladesh/42010/2012	Institute of Epidemiology Disease Control and Prevention	Centers for Disease Control and Prevention
EPI448229	PB1	Bangladesh	2011-Jun-15	A/chicken/Bangladesh/11RS-1984-30/2011		Centers for Disease Control and Prevention
EPI448221	PB1	Bangladesh	2011-Jul-24	A/duck/Bangladesh/4124T/2011	Institute of Epidemiology Disease Control and Prevention	Centers for Disease Control and Prevention
EPI448213	PB1	Bangladesh	2011-Jul-24	A/duck/Bangladesh/4120T/2011	Institute of Epidemiology Disease Control and Prevention	Centers for Disease Control and Prevention
EPI448205	PB1	Bangladesh	2011-Jul-15	A/chicken/Bangladesh/4070T/2011	Institute of Epidemiology Disease Control and Prevention	Centers for Disease Control and Prevention
EPI448197	PB1	Bangladesh	2011-Jul-14	A/chicken/Bangladesh/4058/2011	Institute of Epidemiology Disease Control and Prevention	Centers for Disease Control and Prevention
EPI448189	PB1	Bangladesh	2011-Jul-01	A/goose/Bangladesh/4051T/2011	Institute of Epidemiology Disease Control and Prevention	Centers for Disease Control and Prevention
EPI448181	PB1	Bangladesh	2011-May-24	A/chicken/Bangladesh/3075/2011	Institute of Epidemiology Disease Control and Prevention	Centers for Disease Control and Prevention
EPI448165	PB1	Bangladesh	2011-Feb-07	A/crow/Bangladesh/316T/2011	Institute of Epidemiology Disease Control and Prevention	Centers for Disease Control and Prevention
EPI448157	PB1	Bangladesh	2011-Feb-07	A/crow/Bangladesh/313T/2011	Institute of Epidemiology Disease Control and Prevention	Centers for Disease Control and Prevention
EPI448149	PB1	Bangladesh	2011-Feb-13	A/crow/Bangladesh/1056/2011	Institute of Epidemiology Disease Control and Prevention	Centers for Disease Control and Prevention
EPI448141	PB1	Bangladesh	2011-Feb-04	A/chicken/Bangladesh/11303/2011	Institute of Epidemiology Disease Control and Prevention	Centers for Disease Control and Prevention
EPI448133	PB1	Bangladesh	2011-Feb-07	A/poultry/Bangladesh/11255-C/2011	Institute of Epidemiology Disease Control and Prevention	Centers for Disease Control and Prevention
EPI448109	PB1	Bangladesh	2011-Jun-29	A/waterfowl/Bangladesh/33025/2011	Institute of Epidemiology Disease Control and Prevention	Centers for Disease Control and Prevention
EPI448101	PB1	Bangladesh	2011-Mar-20	A/duck/Bangladesh/1849/2011	Institute of Epidemiology Disease Control and Prevention	Centers for Disease Control and Prevention
EPI448061	PB1	Bangladesh	2011-Feb-15	A/crow/Bangladesh/1061/2011	Institute of Epidemiology Disease Control and Prevention	Centers for Disease Control and Prevention

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EPI448053	PB1	Bangladesh	2011-Feb-13	A/crow/Bangladesh/1054/2011	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI448045	PB1	Bangladesh	2011-Jan-20	A/crow/Bangladesh/1020/2011	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI448037	PB1	Bangladesh	2011-Jan-20	A/crow/Bangladesh/1019/2011	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI448029	PB1	Bangladesh	2011-Jan-20	A/crow/Bangladesh/1008/2011	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI425953	PB1	Vietnam	2011-Sep-07	A/chicken/Vietnam/NCVD-1038/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425945	PB1	Vietnam	2011-Feb-28	A/chicken/Vietnam/NCVD-715/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425937	PB1	Vietnam	2012-Aug-22	A/duck/Vietnam/NCVD-1875/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425929	PB1	Vietnam	2012-Jul-12	A/duck/Vietnam/NCVD-1544/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425913	PB1	Vietnam	2012-Feb-24	A/duck/Vietnam/NCVD-1304/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425905	PB1	Vietnam	2012-Feb-17	A/chicken/Vietnam/NCVD-1254/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425897	PB1	Vietnam	2012-Feb-16	A/duck/Vietnam/NCVD-1251/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425889	PB1	Vietnam	2012-Feb-08	A/duck/Vietnam/NCVD-1212/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425873	PB1	Vietnam	2012-Jan-01	A/duck/Vietnam/NCVD-1163/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425865	PB1	Vietnam	2011-Dec-30	A/duck/Vietnam/NCVD-1162/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425857	PB1	Vietnam	2011-Dec-30	A/duck/Vietnam/NCVD-1161/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425833	PB1	Vietnam	2011-Oct-31	A/chicken/Vietnam/NCVD-1148/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425817	PB1	Vietnam	2011-Sep-08	A/muscovy duck/Vietnam/NCVD-1049	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425793	PB1	Vietnam	2011-Sep-07	A/duck/Vietnam/NCVD-1042/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425785	PB1	Vietnam	2011-Sep-07	A/chicken/Vietnam/NCVD-1040/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425769	PB1	Vietnam	2011-Jan-01	A/duck/Vietnam/NCVD-671/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425686	PB1	Vietnam	2012-Jul-31	A/duck/Vietnam/NCVD-1602/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425678	PB1	Vietnam	2012-Jul-15	A/duck/Vietnam/NCVD-1593/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425670	PB1	Vietnam	2012-Aug-30	A/duck/Vietnam/NCVD-1905/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425654	PB1	Vietnam	2012-Sep-21	A/duck/Vietnam/NCVD-1968/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425646	PB1	Vietnam	2012-Aug-24	A/duck/Vietnam/NCVD-1936/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425638	PB1	Vietnam	2012-Aug-19	A/duck/Vietnam/NCVD-1931/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425630	PB1	Vietnam	2012-Aug-16	A/duck/Vietnam/NCVD-1928/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425622	PB1	Vietnam	2012-Aug-18	A/duck/Vietnam/NCVD-1930/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425614	PB1	Vietnam	2012-Mar-02	A/chicken/Vietnam/NCVD-1488/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425606	PB1	Vietnam	2012-Sep-21	A/chicken/Vietnam/NCVD-1963/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425598	PB1	Vietnam	2012-Sep-21	A/duck/Vietnam/NCVD-1463/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425590	PB1	Vietnam	2011-Jun-15	A/chicken/Vietnam/NCVD-883/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425582	PB1	Vietnam	2011-Jun-15	A/chicken/Vietnam/NCVD-882/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425566	PB1	Vietnam	2011-Mar-17	A/chicken/Vietnam/NCVD-857/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention

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EPI425558	PB1	Vietnam	2010-Nov-01	A/duck/Vietnam/NCVD-645/2010	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI425550	PB1	Vietnam	2011-Mar-12	A/duck/Vietnam/NCVD-850/2011	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI425542	PB1	Vietnam	2011-Mar-03	A/duck/Vietnam/NCVD-825/2011	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI425534	PB1	Vietnam	2010-Nov-06	A/duck/Vietnam/NCVD-815/2010	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI425518	PB1	Vietnam	2011-Jun-15	A/chicken/Vietnam/NCVD-780/2011	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI425494	PB1	Vietnam	2011-Aug-04	A/duck/Vietnam/NCVD-931/2011	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI425486	PB1	Vietnam	2011-Jul-19	A/duck/Vietnam/NCVD-927/2011	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI425478	PB1	Vietnam	2011-Feb-25	A/chicken/Vietnam/NCVD-775/2011	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI425470	PB1	Vietnam	2012-Feb-16	A/chicken/Vietnam/NCVD-1247/2012	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI425454	PB1	Vietnam	2012-Feb-20	A/duck/Vietnam/NCVD-1276/2012	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI425446	PB1	Vietnam	2012-Feb-08	A/duck/Vietnam/NCVD-1219/2012	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI425438	PB1	Vietnam	2012-Feb-08	A/duck/Vietnam/NCVD-1210/2012	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI425430	PB1	Vietnam	2012-Feb-08	A/duck/Vietnam/NCVD-1207/2012	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI425422	PB1	Vietnam	2012-Feb-24	A/duck/Vietnam/NCVD-1312/2012	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI425414	PB1	Vietnam	2012-Feb-24	A/duck/Vietnam/NCVD-1306/2012	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI425406	PB1	Vietnam	2012-Feb-21	A/duck/Vietnam/NCVD-1269/2012	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI425390	PB1	Vietnam	2012-Feb-16	A/duck/Vietnam/NCVD-1253/2012	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI425382	PB1	Vietnam	2012-Feb-16	A/chicken/Vietnam/NCVD-1248/2012	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI425374	PB1	Vietnam	2012-Feb-17	A/duck/Vietnam/NCVD-1234/2012	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI425366	PB1	Vietnam	2012-Feb-17	A/duck/Vietnam/NCVD-1232/2012	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI425358	PB1	Vietnam	2012-Jan-06	A/chicken/Vietnam/NCVD-1225/2012	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI425342	PB1	Vietnam	2011-Apr-04	A/chicken/Vietnam/NCVD-753/2011	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI425334	PB1	Vietnam	2012-Feb-08	A/duck/Vietnam/NCVD-1221/2012	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI425326	PB1	Vietnam	2012-Feb-08	A/muscovy duck/Vietnam/NCVD-1220/2012	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI425318	PB1	Vietnam	2012-Feb-08	A/duck/Vietnam/NCVD-1217/2012	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI425310	PB1	Vietnam	2012-Aug-30	A/duck/Vietnam/NCVD-1904/2012	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI425302	PB1	Vietnam	2012-Aug-28	A/duck/Vietnam/NCVD-1902/2012	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI425294	PB1	Vietnam	2011-Jan-01	A/duck/Vietnam/NCVD-669/2011	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI425278	PB1	Vietnam	2011-Jan-01	A/duck/Vietnam/NCVD-673/2011	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI425270	PB1	Vietnam	2012-Aug-27	A/duck/Vietnam/NCVD-1901/2012	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI425262	PB1	Vietnam	2012-Jan-06	A/chicken/Vietnam/NCVD-1224/2012	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI425246	PB1	Vietnam	2012-Jan-30	A/chicken/Vietnam/NCVD-1177/2012	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI425238	PB1	Vietnam	2012-Jan-13	A/duck/Vietnam/NCVD-1171/2012	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI425230	PB1	Vietnam	2011-Dec-30	A/duck/Vietnam/NCVD-1160/2011	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention

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EPI425222	PB1	Vietnam	2011-Nov-26	A/duck/Vietnam/NCVD1-48/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425214	PB1	Vietnam	2011-Nov-26	A/duck/Vietnam/NCVD1-37/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425182	PB1	Vietnam	2012-Sep-09	A/duck/Vietnam/NCVD-1944/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425174	PB1	Vietnam	2012-Sep-01	A/chicken/Vietnam/NCVD-1942/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425158	PB1	Vietnam	2012-Aug-25	A/duck/Vietnam/NCVD-1937/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425150	PB1	Vietnam	2012-Aug-23	A/duck/Vietnam/NCVD-1935/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425142	PB1	Vietnam	2012-Aug-21	A/duck/Vietnam/NCVD-1933/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425134	PB1	Vietnam	2012-Aug-28	A/duck/Vietnam/NCVD-1899/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425126	PB1	Vietnam	2012-Aug-21	A/duck/Vietnam/NCVD-1872/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425118	PB1	Vietnam	2012-Feb-20	A/duck/Vietnam/NCVD-1279/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425102	PB1	Vietnam	2012-Jun-12	A/duck/Vietnam/NCVD-1497/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425094	PB1	Vietnam	2011-Apr-03	A/duck/Vietnam/NCVD-827/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425086	PB1	Vietnam	2011-Jun-15	A/chicken/Vietnam/NCVD-779/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425078	PB1	Vietnam	2011-Jun-15	A/chicken/Vietnam/NCVD-778/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425070	PB1	Vietnam	2011-Feb-25	A/chicken/Vietnam/NCVD-776/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425022	PB1	Vietnam	2012-Aug-25	A/duck/Vietnam/NCVD-1884/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425014	PB1	Vietnam	2012-Aug-23	A/duck/Vietnam/NCVD-1878/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425006	PB1	Vietnam	2012-May-04	A/chicken/Vietnam/NCVD-1437/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424998	PB1	Vietnam	2011-Feb-26	A/duck/Vietnam/NCVD-714/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424990	PB1	Vietnam	2012-Jul-31	A/duck/Vietnam/NCVD-1607/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424982	PB1	Vietnam	2012-Jul-27	A/duck/Vietnam/NCVD-1584/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424974	PB1	Vietnam	2011-Jun-15	A/chicken/Vietnam/NCVD-710/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424966	PB1	Vietnam	2011-Jun-15	A/chicken/Vietnam/NCVD-709/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424958	PB1	Vietnam	1905-Jul-02	A/duck/Vietnam/NCVD-891/2010	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424950	PB1	Vietnam	1905-Jul-02	A/duck/Vietnam/NCVD-890/2010	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424942	PB1	Vietnam	1905-Jul-02	A/duck/Vietnam/NCVD-885/2010	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424926	PB1	Vietnam	2011-Apr-06	A/duck/Vietnam/NCVD-947/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424918	PB1	Vietnam	2011-Mar-18	A/duck/Vietnam/NCVD-945/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424910	PB1	Vietnam	2011-Feb-12	A/duck/Vietnam/NCVD-943/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424902	PB1	Vietnam	2011-Aug-04	A/duck/Vietnam/NCVD-935/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424878	PB1	Vietnam	2011-Sep-06	A/duck/Vietnam/NCVD-1029/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424862	PB1	Vietnam	2011-Sep-06	A/duck/Vietnam/NCVD-1025/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424854	PB1	Vietnam	2011-Sep-06	A/duck/Vietnam/NCVD-1022/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424846	PB1	Vietnam	2011-Sep-06	A/duck/Vietnam/NCVD-1018/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention

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EPI424838	PB1	Vietnam	2011-Jun-24	A/duck/Vietnam/NCVD-952/2011	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI424830	PB1	Vietnam	2011-Jun-15	A/duck/Vietnam/NCVD-711/2011	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI424814	PB1	Vietnam	2011-Feb-26	A/duck/Vietnam/NCVD-712/2011	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI424806	PB1	Vietnam	2011-Jun-15	A/chicken/Vietnam/NCVD-881/2011	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI424798	PB1	Vietnam	2011-Jun-15	A/chicken/Vietnam/NCVD-880/2011	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI424790	PB1	Vietnam	2011-Jun-15	A/chicken/Vietnam/NCVD-876/2011	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI424782	PB1	Vietnam	2011-Apr-07	A/duck/Vietnam/NCVD-861/2011	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI424774	PB1	Vietnam	2011-Apr-07	A/duck/Vietnam/NCVD-859/2011	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI424750	PB1	Vietnam	2010-Oct-29	A/duck/Vietnam/NCVD-784/2010	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI424742	PB1	Vietnam	2012-Aug-20	A/duck/Vietnam/NCVD-1932/2012	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI424734	PB1	Vietnam	2012-Aug-15	A/chicken/Vietnam/NCVD-1927/2012	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI424726	PB1	Vietnam	2012-Aug-27	A/duck/Vietnam/NCVD-1898/2012	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI424710	PB1	Vietnam	2012-Aug-23	A/duck/Vietnam/NCVD-1896/2012	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI424702	PB1	Vietnam	2012-Aug-20	A/duck/Vietnam/NCVD-1869/2012	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI424694	PB1	Vietnam	2011-Apr-06	A/duck/Vietnam/NCVD-948/2011	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI424686	PB1	Vietnam	2012-Sep-21	A/duck/Vietnam/NCVD-1974/2012	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI424678	PB1	Vietnam	2012-Jun-11	A/duck/Vietnam/NCVD-1494/2012	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI424670	PB1	Vietnam	2012-Aug-29	A/duck/Vietnam/NCVD-1940/2012	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI424432	PB1	Vietnam	2011-Feb-01	A/chicken/Vietnam/NCVD-705/2011	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI424416	PB1	Vietnam	2011-Feb-01	A/chicken/Vietnam/NCVD-703/2011	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI424408	PB1	Vietnam	2011-Feb-01	A/chicken/Vietnam/NCVD-702/2011	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI424400	PB1	Vietnam	2011-Feb-01	A/chicken/Vietnam/NCVD-699/2011	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI424392	PB1	Vietnam	2012-Feb-26	A/duck/Vietnam/NCVD-1283/2012	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI424368	PB1	Vietnam	2010-Dec-01	A/duck/Vietnam/NCVD-664/2010	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI424360	PB1	Vietnam	2012-Feb-08	A/duck/Vietnam/NCVD-1206/2012	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI424352	PB1	Vietnam	2011-Jun-15	A/chicken/Vietnam/NCVD-878/2011	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI427327	PB1	Vietnam	2011-Jan-01	A/chicken/Vietnam/NCVD-675/2011	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI373008	PB1	Egypt	2007-Jan-01	A/chicken/Egypt/9403-NAMRU3/200	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI373001	PB1	Egypt	2007-Jan-01	A/chicken/Egypt/9402-NAMRU3/200	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372518	PB1	Ukraine	2006-Aug-13	A/garganey/Ukraine/05839-NAMRU3	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372510	PB1	Ukraine	2006-Aug-13	A/garganey/Ukraine/05835-NAMRU3	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372502	PB1	Ukraine	2006-Sep-30	A/mallard/Ukraine/05842-NAMRU3/2	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372487	PB1	Ukraine	2006-Aug-13	A/garganey/Ukraine/05834-NAMRU3	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372479	PB1	Egypt	2005-Nov-21	A/teal/Egypt/12908-NAMRU3/2005	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention

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EPI372472	PB1	Ukraine	2005-Sep-17	A/teal/Ukraine/12177-NAMRU3/2005	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372464	PB1	Egypt	2007-Jan-26	A/teal/Egypt/01351-NAMRU3/2007	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372448	PB1	Egypt	2006-Dec-29	A/shoveler/Egypt/00017-NAMRU3/2006	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372440	PB1	Egypt	2006-Dec-29	A/shoveler/Egypt/00006-NAMRU3/2006	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372432	PB1	Egypt	2006-Dec-29	A/shoveler/Egypt/00004-NAMRU3/2006	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372424	PB1	Egypt	2007-Jan-19	A/teal/Egypt/01207-NAMRU3/2007	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372408	PB1	Egypt	2007-Jan-05	A/shoveler/Egypt/00215-NAMRU3/2007	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372400	PB1	Egypt	2007-Jan-19	A/shoveler/Egypt/01198-NAMRU3/2007	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372392	PB1	Egypt	2006-Apr-07	A/Egyptian goose/Egypt/05588-NAMRU3/2006	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372384	PB1	Egypt	2006-Dec-02	A/teal/Egypt/13203-NAMRU3/2006	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372376	PB1	Egypt	2006-Dec-08	A/shoveler/Egypt/14029-NAMRU3/2006	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372369	PB1	Egypt	2006-Dec-02	A/shoveler/Egypt/13251-NAMRU3/2006	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372361	PB1	Egypt	2006-Dec-22	A/shoveler/Egypt/14879-NAMRU3/2006	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372353	PB1	Egypt	2005-Oct-03	A/teal/Egypt/09888-NAMRU3/2005	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372329	PB1	Egypt	2005-Jan-13	A/shoveler/Egypt/00134-NAMRU3/2005	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372313	PB1	Egypt	2004-Dec-18	A/shoveler/Egypt/09782-NAMRU3/2004	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372305	PB1	Egypt	2004-Feb-18	A/teal/Egypt/00835-NAMRU3/2004	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372297	PB1	Egypt	2004-Jan-28	A/teal/Egypt/00688-NAMRU3/2004	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372289	PB1	Egypt	2004-Jan-27	A/shoveler/Egypt/00600-NAMRU3/2004	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372281	PB1	Egypt	2004-Jan-27	A/shoveler/Egypt/00597-NAMRU3/2004	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI448891	PB1	Bangladesh	2011-Jul-17	A/waterfowl/Bangladesh/31935/2011	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI448898	PB1	Bangladesh	2011-Feb-19	A/chicken/Bangladesh/3012/2011	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI448912	PB1	Bangladesh	2011-Jul-14	A/duck/Bangladesh/4059T/2011	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI348851	PB1	Vietnam	2010-Jun-30	A/duck/Vietnam/NCVD-433/2010	National Institute of Hygiene and E	Centers for Disease Control and Prevention
EPI348914	PB1	Vietnam	2010-Mar-29	A/duck/Vietnam/NCVD-472/2010	National Institute of Hygiene and E	Centers for Disease Control and Prevention
EPI348907	PB1	Vietnam	2010-Mar-29	A/duck/Vietnam/NCVD-471/2010	National Institute of Hygiene and E	Centers for Disease Control and Prevention
EPI348900	PB1	Vietnam	2010-Oct-15	A/duck/Vietnam/NCVD-462/2010	National Institute of Hygiene and E	Centers for Disease Control and Prevention
EPI348893	PB1	Vietnam	2010-Nov-22	A/duck/Vietnam/NCVD-461/2010	National Institute of Hygiene and E	Centers for Disease Control and Prevention
EPI348886	PB1	Vietnam	2010-Nov-22	A/duck/Vietnam/NCVD-460/2010	National Institute of Hygiene and E	Centers for Disease Control and Prevention
EPI348879	PB1	Vietnam	2010-Nov-22	A/chicken/Vietnam/NCVD-459/2010	National Institute of Hygiene and E	Centers for Disease Control and Prevention
EPI348872	PB1	Vietnam	2010-Nov-16	A/duck/Vietnam/NCVD-457/2010	National Institute of Hygiene and E	Centers for Disease Control and Prevention
EPI348865	PB1	Vietnam	2010-Nov-16	A/duck/Vietnam/NCVD-456/2010	National Institute of Hygiene and E	Centers for Disease Control and Prevention
EPI348858	PB1	Vietnam	2010-Oct-04	A/duck/Vietnam/NCVD-449/2010	National Institute of Hygiene and E	Centers for Disease Control and Prevention
EPI348844	PB1	Vietnam	2010-Jul-14	A/duck/Vietnam/NCVD-432/2010	National Institute of Hygiene and E	Centers for Disease Control and Prevention

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EPI348837	PB1	Vietnam	2010-Mar-04	A/duck/Vietnam/NCVD-430/2010	National Institute of Hygiene and E	Centers for Disease Control and Prevention
EPI348830	PB1	Vietnam	2010-Feb-25	A/chicken/Vietnam/NCVD-429/2010	National Institute of Hygiene and E	Centers for Disease Control and Prevention
EPI348809	PB1	Vietnam	2009-Oct-11	A/muscovy duck/Vietnam/NCVD-426/	National Institute of Hygiene and E	Centers for Disease Control and Prevention
EPI348802	PB1	Vietnam	2009-Feb-20	A/chicken/Vietnam/NCVD-425/2009	National Institute of Hygiene and E	Centers for Disease Control and Prevention
EPI348795	PB1	Vietnam	2009-Feb-17	A/chicken/Vietnam/NCVD-424/2009	National Institute of Hygiene and E	Centers for Disease Control and Prevention
EPI484293	PB1	Italy	2013-Aug-13	A/chicken/Italy/13VIR4527-11/2013	Istituto Zooprofilattico Sperimenta	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI466532	PB1	China	2012-Dec-23	A/chicken/Jiangsu/YCDF/2012	Yangzhou University	Chinese Academy of Sciences
EPI466528	PB1	China	2012-Dec-28	A/chicken/Jiangsu/NTHA1/2012	Yangzhou University	Chinese Academy of Sciences
EPI466521	PB1	China	2012-Nov-09	A/chicken/Jiangsu/YZ4/2012	Yangzhou University	Chinese Academy of Sciences
EPI466509	PB1	China	2013-Mar-29	A/chicken/Jiangsu/YCDT/2013	Yangzhou University	Chinese Academy of Sciences
EPI466502	PB1	China	2013-Jan-23	A/chicken/Jiangsu/CZWI5/2013	Yangzhou University	Chinese Academy of Sciences
EPI466494	PB1	China	2012-Nov-20	A/chicken/Jiangsu/CZ1/2012	Yangzhou University	Chinese Academy of Sciences
EPI466480	PB1	China	2013-Apr-05	A/chicken/Jiangsu/HA2/2013	Yangzhou University	Chinese Academy of Sciences
EPI466456	PB1	China	2013-Jan-23	A/chicken/Jiangsu/ZJ4/2013	Yangzhou University	Chinese Academy of Sciences
EPI466448	PB1	China	2013-Jan-23	A/chicken/Jiangsu/CZJT2/2013	Yangzhou University	Chinese Academy of Sciences
EPI466440	PB1	China	2012-Nov-06	A/chicken/Jiangsu/XZ6/2012	Yangzhou University	Chinese Academy of Sciences
EPI466432	PB1	China	2013-Mar-28	A/chicken/Jiangsu/ZJDT1/2013	Yangzhou University	Chinese Academy of Sciences
EPI466416	PB1	China	2012-May-12	A/chicken/Jiangsu/CZJF/2012	Yangzhou University	Chinese Academy of Sciences
EPI466408	PB1	China	2012-Mar-24	A/chicken/Jiangsu/MYJMF/2012	Yangzhou University	Chinese Academy of Sciences
EPI466376	PB1	China	2011-Jan-21	A/chicken/Jiangsu/DTNSZ/2011	Yangzhou University	Chinese Academy of Sciences
EPI466360	PB1	China	2012-Feb-12	A/chicken/Jiangsu/DT0112/2012	Yangzhou University	Chinese Academy of Sciences
EPI466344	PB1	China	2012-Mar-24	A/chicken/Jiangsu/XZWHL/2012	Yangzhou University	Chinese Academy of Sciences
EPI466336	PB1	China	2012-Mar-24	A/chicken/Jiangsu/XZZSL/2012	Yangzhou University	Chinese Academy of Sciences
EPI466328	PB1	China	2012-Mar-24	A/chicken/Jiangsu/CZLJG/2012	Yangzhou University	Chinese Academy of Sciences
EPI466320	PB1	China	2009-Sep-20	A/chicken/Jiangsu/DT/2009	Yangzhou University	Chinese Academy of Sciences
EPI466312	PB1	China	2011-May-21	A/chicken/Jiangsu/ZJDT/2011	Yangzhou University	Chinese Academy of Sciences
EPI466304	PB1	China	2011-Mar-28	A/chicken/Jiangsu/XZPZ/2011	Yangzhou University	Chinese Academy of Sciences
EPI466296	PB1	China	2012-Apr-13	A/chicken/Jiangsu/XZMG/2012	Yangzhou University	Chinese Academy of Sciences
EPI466288	PB1	China	2011-Jan-26	A/chicken/Shandong/SDWD/2011	Yangzhou University	Chinese Academy of Sciences
EPI466264	PB1	China	2012-May-09	A/chicken/Shandong/SDWF17/2012	Yangzhou University	Chinese Academy of Sciences
EPI466256	PB1	China	2012-Jan-12	A/chicken/Jiangsu/XZ38/2012	Yangzhou University	Chinese Academy of Sciences
EPI466248	PB1	China	2012-May-12	A/chicken/Jiangsu/CZZWQ/2012	Yangzhou University	Chinese Academy of Sciences
EPI464928	PB1	Italy	2011-Dec-28	A/chicken/Italy/11VIR-7548/2011	Istituto Zooprofilattico Sperimenta	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI457883	PB1	China	2013-May-03	A/chicken/Guangdong/SD641/2013	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute

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EPI457875	PB1	China	2013-Apr-16	A/chicken/Jiangsu/S002/2013	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI457867	PB1	China	2013-Apr-16	A/chicken/Jiangsu/SC035/2013	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI457859	PB1	China	2013-Apr-16	A/chicken/Jiangsu/SC099/2013	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI457851	PB1	China	2013-Apr-16	A/chicken/Jiangsu/SC537/2013	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI457843	PB1	China	2013-May-03	A/chicken/Jiangxi/SD001/2013	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI457835	PB1	China	2013-Apr-03	A/chicken/Shanghai/S1055/2013	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI457827	PB1	China	2013-Apr-03	A/chicken/Shanghai/S1076/2013	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI457819	PB1	China	2013-Apr-03	A/chicken/Shanghai/S1077/2013	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI457811	PB1	China	2013-Apr-03	A/chicken/Shanghai/S1078/2013	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI457803	PB1	China	2013-Apr-03	A/chicken/Shanghai/S1079/2013	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI457795	PB1	China	2013-Apr-03	A/chicken/Shanghai/S1080/2013	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI457771	PB1	China	2013-Apr-03	A/chicken/Shanghai/S1413/2013	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI457763	PB1	China	2013-Apr-22	A/chicken/Zhejiang/SD007/2013	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI457755	PB1	China	2013-Apr-11	A/chicken/Zhejiang/SD019/2013	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI457747	PB1	China	2013-Apr-11	A/chicken/Zhejiang/SD033/2013	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI468356	PB1	China	2013-Apr-10	A/chicken/Hangzhou/50-2/2013(H9N	Hangzhou Center for Disease Contr	Hangzhou Center for Disease Control and Prevention
EPI447889	PB1	China	2013-Mar-29	A/chicken/Anhui-Chuzhou/01/2013		WHO Chinese National Influenza Center
EPI443665	PB1	China	2013-Apr-10	A/chicken/Hangzhou/50-1/2013(H7N	Hangzhou Center for Disease Contr	Hangzhou Center for Disease Control and Prevention
EPI443657	PB1	China	2013-Apr-10	A/chicken/Hangzhou/48-1/2013(H7N	Hangzhou Center for Disease Contr	Hangzhou Center for Disease Control and Prevention
EPI440683	PB1	China	2013-Apr-03	A/Chicken/Shanghai/S1053/2013	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI397850	PB1	Australia	2010-Jan-01	A/Chicken/NSW-Sydney/D809/2010	Elizabeth Macarthur Agricultural In	WHO Collaborating Centre for Reference and Research on Influenza
EPI355390	PB1	Egypt	2011-Mar-05	A/chicken/Egypt/11vir4453-274/2011		Istituto Zooprofilattico Sperimentale Delle Venezie
EPI355112	PB1	Egypt	2010-Dec-09	A/chicken/Egypt/11vir4453-276/2010	Istituto Zooprofilattico Sperimenta	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI355096	PB1	Egypt	2011-Mar-05	A/chicken/Egypt/11vir4453-273/2011	Istituto Zooprofilattico Sperimenta	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI355088	PB1	Egypt	2011-Mar-05	A/chicken/Egypt/11vir4453-272/2011	Istituto Zooprofilattico Sperimenta	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI354074	PB1	Indonesia	2004-Jan-01	A/chicken/Indonesia/R132/2004	Friedrich-Loeffler-Institut	Robert Koch-Institute
EPI466240	PB1	China	2012-Mar-24	A/chicken/Jiangsu/WJHDL/2012	Yangzhou University	Chinese Academy of Sciences
EPI459872	PB1	Taiwan	2013-May-15	A/chicken/Taiwan/A2837/2013(H6N1	ANIMAL HEALTH RESEARCH INSTIT	ANIMAL HEALTH RESEARCH INSTITUTE
EPI466464	PB1	China	2013-Apr-05	A/duck/Jiangsu/YC2/2013	Yangzhou University	Chinese Academy of Sciences
EPI457739	PB1	China	2013-Apr-16	A/duck/Anhui/SC702/2013	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI457731	PB1	China	2013-Apr-16	A/duck/Zhejiang/SC410/2013	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431454	PB1	China	2011-Dec-07	A/duck/Hebei/3/2011	Institute of Microbiology, Chinese A	Institute of Microbiology
EPI431446	PB1	China	2011-Dec-01	A/duck/Hebei/2/2011	Institute of Microbiology, Chinese A	Institute of Microbiology
EPI356408	PB1	Germany	2009-Jan-01	A/wild duck/Germany-BY/R2892/2009		Friedrich-Loeffler-Institut

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EPI466212	PB1	China	2013-Mar-28	A/Mallard/Zhejiang/136/2013	State Key Laboratory of Virology an	Chinese Academy of Sciences
EPI356415	PB1	Germany	2006-Jan-01	A/herring gull/Germany-MV/R2792/2006		Friedrich-Loeffler-Institut
EPI466488	PB1	China	2013-Apr-06	A/quail/Jiangsu/WX3/2013	Yangzhou University	Chinese Academy of Sciences
EPI464936	PB1	Italy	2012-Aug-31	A/turkey/Italy/12VIR-6607-5/2012	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI457627	PB1	China	2013-Apr-03	A/pigeon/Shanghai/S1423/2013	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI411929	PB1	Germany	2010-Jan-01	A/swine/Germany/R819/2010		Friedrich-Loeffler-Institut
EPI411887	PB1	Germany	2009-Jan-01	A/swine/Germany/R2807/2009		Friedrich-Loeffler-Institut
EPI412044	PB1	Germany	2011-Jan-01	A/swine/Germany/R2035/2011		Friedrich-Loeffler-Institut
EPI356439	PB1	Germany	2011-Jan-01	A/swine/Iceland/R117/2011	University of Iceland	Friedrich-Loeffler-Institut
EPI497519	PB1	China	2013-Feb-27	A/environment/Jiangxi/00449/2013		WHO Chinese National Influenza Center
EPI457651	PB1	China	2013-Apr-03	A/environment/Shanghai/S1439/2013	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI473791	PB1	China	2013-Apr-04	A/environment/Hangzhou/34-2/2013	Hangzhou Center for Disease Contr	Hangzhou Center for Disease Control and Prevention
EPI443673	PB1	China	2013-Apr-12	A/environment/Hangzhou/109-1/2013	Hangzhou Center for Disease Contr	Hangzhou Center for Disease Control and Prevention
EPI490985	PB1	China	2013-Apr-17	A/environment/Guangdong/C132800	Guangdong Provincial Center for Di	Guandong Centers for Disease Control
EPI490977	PB1	China	2013-Apr-26	A/Environment/Guangdong/C132810	Guangdong Provincial Center for Di	Guandong Centers for Disease Control
EPI432515	PB1	China	2010-Apr-27	r7	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432475	PB1	China	2010-Apr-21	r58	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432411	PB1	China	2010-Apr-16	r38	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432363	PB1	China	2010-Apr-10	r36	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432323	PB1	China	2010-Apr-03	r35678	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432275	PB1	China	2010-Mar-28	r278	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432211	PB1	China	2010-Mar-22	r257	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432155	PB1	China	2010-Mar-17	r2378	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432051	PB1	China	2010-Mar-07	r235	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432043	PB1	China	2010-Mar-02	r23	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432019	PB1	China	2010-Mar-02	r178	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI432011	PB1	China	2010-Mar-02	r17	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431995	PB1	China	2012-Feb-25	r1678	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431963	PB1	China	2012-Feb-25	r1578	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431891	PB1	China	2010-Feb-10	r137	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431859	PB1	China	2010-Feb-10	r136	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431771	PB1	China	2010-Jan-31	r1278	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431755	PB1	China	2010-Jan-26	r1268	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431747	PB1	China	2010-Jan-26	r12678	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute

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EPI431675	PB1	China	2010-Jan-20	r1256	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431667	PB1	China	2010-Jan-20	r125	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431627	PB1	China	2010-Jan-16	r123678	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431571	PB1	China	2010-Jan-10	r1235678	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431563	PB1	China	2010-Jan-04	r123567	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI431523	PB1	China	2010-Jan-04	r1	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI492803	PB1	United State	2013-Nov-11	A/Louisiana/13/2013	Louisiana Department of Health an	Centers for Disease Control and Prevention
EPI492715	PB1	Bangladesh	2013-May-12	A/Bangladesh/9269/2013	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI539681	PB1	Australia	2013-Jun-29	A/TOWNSVILLE/41/2013	Queensland Health Scientific Servic	WHO Collaborating Centre for Reference and Research on Influenza
EPI539656	PB1	Papua New	2013-Jul-02	A/GOROKA/27/2013	Papua New Guinea Institute of Med	WHO Collaborating Centre for Reference and Research on Influenza
EPI490880	PB1	Hong Kong	2013-Nov-30	A/Hong Kong/5942/2013	Public Health Laboratory Services B	Public Health Laboratory Services Branch, Centre for Health Protection
EPI490091	PB1	United State	2012-Oct-20	A/New York/39/2012	New York State Department of Hea	Centers for Disease Control and Prevention
EPI486650	PB1	United State	2013-Oct-21	A/Louisiana/10/2013	Louisiana Department of Health an	Centers for Disease Control and Prevention
EPI486642	PB1	United State	2013-Oct-23	A/Louisiana/11/2013	Louisiana Department of Health an	Centers for Disease Control and Prevention
EPI484689	PB1	Sweden	2009-Sep-02	A/Umea/4/2009/		Swedish National Institute for Communicable Disease Control
EPI484665	PB1	Sweden	2011-Dec-28	A/Stockholm/43/2011		Swedish National Institute for Communicable Disease Control
EPI484657	PB1	Sweden	2012-Jan-12	A/Stockholm/12/2012		Swedish National Institute for Communicable Disease Control
EPI484563	PB1	United State	2013-Jul-14	A/Georgia/03/2013	Georgia Public Health Laboratory	Centers for Disease Control and Prevention
EPI484514	PB1	United State	2013-Aug-15	A/Arkansas/13/2013	Arkansas Department of Health	Centers for Disease Control and Prevention
EPI484420	PB1	Sweden	2013-Mar-22	A/Sweden/137/2013		Swedish National Institute for Communicable Disease Control
EPI484380	PB1	Sweden	2013-Feb-15	A/Sweden/132/2013		Swedish National Institute for Communicable Disease Control
EPI484372	PB1	Sweden	2013-Feb-15	A/Sweden/131/2013		Swedish National Institute for Communicable Disease Control
EPI484324	PB1	Sweden	2013-Jan-22	A/Sweden/125/2013		Swedish National Institute for Communicable Disease Control
EPI484316	PB1	Sweden	2013-Jan-23	A/Sweden/124/2013		Swedish National Institute for Communicable Disease Control
EPI484308	PB1	Sweden	2013-Jan-18	A/Sweden/123/2013		Swedish National Institute for Communicable Disease Control
EPI484284	PB1	Sweden	2013-Jan-11	A/Sweden/121/2013	Swedish Institute for Infectious Dis	Swedish National Institute for Communicable Disease Control
EPI484269	PB1	Sweden	2013-Jan-13	A/Sweden/119/2013	Swedish Institute for Infectious Dis	Swedish National Institute for Communicable Disease Control
EPI484261	PB1	Sweden	2013-Jan-07	A/Sweden/118/2013	Swedish Institute for Infectious Dis	Swedish National Institute for Communicable Disease Control
EPI484245	PB1	Sweden	2012-Dec-27	A/Sweden/35/2012	Swedish Institute for Infectious Dis	Swedish National Institute for Communicable Disease Control
EPI477493	PB1	Australia	2013-Mar-04	A/SYDNEY/506/2013	Prince of Wales Hospital	WHO Collaborating Centre for Reference and Research on Influenza
EPI467438	PB1	American Sa	2013-Feb-22	A/American Samoa/4786/2013	State of Hawaii Department of Hea	Centers for Disease Control and Prevention
EPI466850	PB1	Ukraine	2013-Mar-20	A/Zaporizza/417/2013	Institute of Epidemiology and Infec	Centers for Disease Control and Prevention
EPI466843	PB1	Brazil	2013-May-22	A/Brazil/0328/2013	Instituto Adolfo Lutz	Centers for Disease Control and Prevention
EPI466055	PB1	Finland	2009-Nov-15	A/Finland/722/2009(H1N1)	Helsingin-Uusimaa Labotariokeskus	Institute for Molecular Medicine Finland (FIMM)

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EPI466039	PB1	Finland	2009-Nov-12	A/Finland/720/2009(H1N1)	Helsingin-Uusimaa Labotariokeskus	Institute for Molecular Medicine Finland (FIMM)
EPI466023	PB1	Finland	2009-Nov-11	A/Finland/718/2009(H1N1)	Helsingin-Uusimaa Labotariokeskus	Institute for Molecular Medicine Finland (FIMM)
EPI464509	PB1	United States	2013-Jul-16	A/Indiana/10/2013	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI499458	PB1	Japan	2013-Apr-17	A/HIROSHIMA/19/2013	Center for Public Health and Environment	National Institute of Infectious Diseases (NIID)
EPI460773	PB1	China	2013-Apr-25	A/Nanjing/5/2013		institution of microbiology
EPI460749	PB1	China	2013-Apr-09	A/Nanjing/f0874/2013	Jiangsu Provincial Center for Disease Control and Prevention	institution of microbiology
EPI459853	PB1	Taiwan	2013-May-07	A/Taiwan/2/2013	National Influenza Center, Centers for Disease Control and Prevention	Taiwan CDC
EPI453648	PB1	China	2013-Apr-26	A/Nanjing/M2/2013	Jiangsu Provincial Center for Disease Control and Prevention	institution of microbiology
EPI447671	PB1	China	2013-Apr-03	A/Jiangsu/07/2013		WHO Chinese National Influenza Center
EPI447720	PB1	China	2013-Apr-21	A/Shandong/01/2013		WHO Chinese National Influenza Center
EPI447727	PB1	China	2013-Apr-16	A/Henan/01/2013		WHO Chinese National Influenza Center
EPI447897	PB1	China	2013-Mar-18	A/Shanghai/07/2013		WHO Chinese National Influenza Center
EPI447920	PB1	China	2013-Mar-30	A/Jiangsu/01/2013		WHO Chinese National Influenza Center
EPI446140	PB1	Kenya	2010-Jun-04	A/Nairobi/80/2010	ARI Unit, Kenya Medical Research Institute	Kenya Medical Research Institute
EPI446062	PB1	Kenya	2009-Oct-27	A/Kikuyu/185/2009	ARI Unit, Kenya Medical Research Institute	Kenya Medical Research Institute
EPI446027	PB1	Kenya	2009-Oct-29	A/Kakamega/215/2009	ARI Unit, Kenya Medical Research Institute	Kenya Medical Research Institute
EPI443732	PB1	United States	2013-Feb-20	A/Alaska/02/2013	Alaska State Virology Lab	Centers for Disease Control and Prevention
EPI443283	PB1	Kenya	2009-Oct-08	A/Mombasa/91/2009	ARI Unit, Kenya Medical Research Institute	Kenya Medical Research Institute
EPI443196	PB1	Kenya	2009-Sep-24	A/Eldoret/119/2009	ARI Unit, Kenya Medical Research Institute	Kenya Medical Research Institute
EPI443189	PB1	Kenya	2009-Sep-24	A/Malindi/238/2009	ARI Unit, Kenya Medical Research Institute	Kenya Medical Research Institute
EPI439501	PB1	China	2013-Mar-05	A/Shanghai/2/2013		WHO Chinese National Influenza Center
EPI440007	PB1	India	2012-Dec-22	A/India/2192/2012	All India Institute of Medical Sciences	Centers for Disease Control and Prevention
EPI426139	PB1	United States	2012-Oct-20	A/New York/39/2012	New York State Department of Health	Centers for Disease Control and Prevention
EPI440008	PB1	United States	2012-Jun-17	A/Washington/24/2012	Washington State Public Health Laboratory	Centers for Disease Control and Prevention
EPI418108	PB1	Thailand	2012-Oct-02	A/Chiang Rai/312/2012	WHO National Influenza Centre, Nakhon Phanom	Centers for Disease Control and Prevention
EPI450412	PB1	New Zealand	2012-Aug-01	A/AUCKLAND/64/2012	Auckland Hospital	WHO Collaborating Centre for Reference and Research on Influenza
EPI407277	PB1	United States	2012-Nov-13	A/Minnesota/18/2012	Minnesota Department of Health	Centers for Disease Control and Prevention
EPI407269	PB1	United States	2012-Nov-13	A/Minnesota/18/2012	Minnesota Department of Health	Centers for Disease Control and Prevention
EPI404888	PB1	United States	2012-Nov-17	A/Iowa/16/2012	Iowa State Hygienic Laboratory	Centers for Disease Control and Prevention
EPI397937	PB1	United States	2012-Aug-04	A/Ohio/41/2012	Ohio Department of Health Laboratory	Centers for Disease Control and Prevention
EPI397923	PB1	United States	2012-Jul-27	A/Ohio/18/2012	Ohio Department of Health Laboratory	Centers for Disease Control and Prevention
EPI397757	PB1	United States	2012-Aug-22	A/Wisconsin/35/2012	Wisconsin State Laboratory of Hygiene	Centers for Disease Control and Prevention
EPI397670	PB1	United States	2012-Aug-27	A/Minnesota/14/2012	Minnesota Department of Health	Centers for Disease Control and Prevention
EPI397553	PB1	United States	2012-Aug-15	A/Ohio/86/2012	Ohio Department of Health Laboratory	Centers for Disease Control and Prevention

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EPI397945	PB1	United States	2012-Aug-13	A/Ohio/84/2012	Ohio Department of Health Laboratory	Centers for Disease Control and Prevention
EPI397501	PB1	United States	2012-Aug-03	A/Indiana/104/2012	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI397438	PB1	United States	2012-Aug-20	A/Wisconsin/30/2012	Wisconsin State Laboratory of Hygiene	Centers for Disease Control and Prevention
EPI397383	PB1	United States	2012-Aug-06	A/Indiana/138/2012	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI397238	PB1	Canada	2012-Aug-10	A/Ontario/N163578/2012(H1N1v)	Public Health Ontario	Ontario Agency for Health Protection and Promotion (OAHP)
EPI397105	PB1	United States	2012-Aug-04	A/Indiana/115/2012	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI405008	PB1	Puerto Rico	2012-Jun-27	A/Puerto Rico/36/2012	Puerto Rico Department of Health	Centers for Disease Control and Prevention
EPI396297	PB1	United States	2012-Aug-18	A/Maryland/23/2012	Maryland Department of Health and General Services	Centers for Disease Control and Prevention
EPI396284	PB1	United States	2012-Aug-06	A/Ohio/43/2012	Ohio Department of Health Laboratory	Centers for Disease Control and Prevention
EPI397221	PB1	United States	2012-Aug-08	A/Indiana/144/2012	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI396275	PB1	United States	2012-Aug-08	A/Indiana/135/2012	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI396252	PB1	United States	2012-Aug-04	A/Indiana/126/2012	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI396238	PB1	United States	2012-Aug-05	A/Indiana/103/2012	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI397339	PB1	United States	2012-Aug-08	A/Indiana/150/2012	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI396212	PB1	United States	2012-Aug-05	A/Indiana/113/2012	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI396206	PB1	United States	2012-Aug-05	A/Indiana/149/2012	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI396195	PB1	United States	2012-Aug-09	A/Ohio/78/2012	Ohio Department of Health Laboratory	Centers for Disease Control and Prevention
EPI395319	PB1	United States	2012-Aug-16	A/Missouri/12/2012	Missouri Department of Health & Senior Services	Centers for Disease Control and Prevention
EPI394890	PB1	United States	2012-Jun-17	A/Washington/24/2012	Washington State Public Health Laboratory	Centers for Disease Control and Prevention
EPI394114	PB1	Australia	2012-Jun-24	A/TASMANIA/12/2012	Royal Hobart Hospital	WHO Collaborating Centre for Reference and Research on Influenza
EPI393686	PB1	United States	2012-Jul-30	A/Ohio/23/2012	Ohio Department of Health Laboratory	Centers for Disease Control and Prevention
EPI393315	PB1	United States	2012-Aug-04	A/Ohio/38/2012	Ohio Department of Health Laboratory	Centers for Disease Control and Prevention
EPI393304	PB1	United States	2012-Jul-29	A/Indiana/18/2012	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI392932	PB1	United States	2012-Aug-15	A/Minnesota/11/2012	Minnesota Department of Health	Centers for Disease Control and Prevention
EPI393525	PB1	United States	2012-Aug-09	A/West Virginia/15/2012	West Virginia Office of Laboratory Medicine	Centers for Disease Control and Prevention
EPI388380	PB1	United States	2007-Aug-19	A/Michigan/09/2007	Michigan Department of Community Health	Centers for Disease Control and Prevention
EPI388372	PB1	United States	2011-Nov-04	A/Minnesota/19/2011	Minnesota Department of Health	Centers for Disease Control and Prevention
EPI393296	PB1	United States	2012-Jul-31	A/Indiana/21/2012	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI388337	PB1	United States	2012-Jul-28	A/Ohio/16/2012	Ohio Department of Health Laboratory	Centers for Disease Control and Prevention
EPI388326	PB1	United States	2012-Jul-30	A/Indiana/14/2012	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI388296	PB1	United States	2012-Jul-29	A/Indiana/19/2012	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI388280	PB1	United States	2012-Jul-26	A/Indiana/13/2012	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI379606	PB1	Australia	2012-Mar-19	A/BRISBANE/27/2012	Queensland Health Scientific Services	WHO Collaborating Centre for Reference and Research on Influenza
EPI379583	PB1	Australia	2012-May-09	A/VICTORIA/802/2012	Austin Health	WHO Collaborating Centre for Reference and Research on Influenza

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EPI450447	PB1	Australia	2012-May-28	A/VICTORIA/514/2012	Monash Medical Centre	WHO Collaborating Centre for Reference and Research on Influenza
EPI378521	PB1	United States	2012-Jul-16	A/Indiana/09/2012	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI372953	PB1	Egypt	2011-Dec-21	A/Egypt/N14976/2011	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372945	PB1	Egypt	2011-Dec-15	A/Egypt/N11470/2011	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372929	PB1	Egypt	2011-Sep-21	A/Egypt/N09966/2011	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372897	PB1	Egypt	2011-Jan-01	A/Egypt/N0423/2011	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372873	PB1	Egypt	2011-Jan-01	A/Egypt/N0677/2011	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372813	PB1	Egypt	2010-Feb-12	A/Egypt/N01982/2010	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372807	PB1	Egypt	2010-Feb-07	A/Egypt/N01644/2010	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372765	PB1	Egypt	2009-Mar-14	A/Egypt/2563-NAMRU3/2009	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372751	PB1	Egypt	2009-May-13	A/Egypt/4935-NAMRU3/2009	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372739	PB1	Egypt	2009-May-25	A/Egypt/4822-NAMRU3/2009	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372733	PB1	Egypt	2009-Aug-26	A/Egypt/9174-NAMRU3/2009	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372721	PB1	Egypt	2009-May-18	A/Egypt/4526-NAMRU3/2009	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372707	PB1	Egypt	2009-Jan-01	A/Egypt/0585-NAMRU3/2009	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372695	PB1	Egypt	2009-Jan-01	A/Egypt/2039-NAMRU3/2009	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372677	PB1	Egypt	2009-Jan-01	A/Egypt/0605-NAMRU3/2009	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372671	PB1	Egypt	2008-Jan-01	A/Egypt/3401-NAMRU3/2008	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372651	PB1	Egypt	2008-Mar-08	A/Egypt/2546-NAMRU3/2008	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372633	PB1	Egypt	2007-Dec-29	A/Egypt/0217-NAMRU3/2007	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372621	PB1	Egypt	2007-Dec-26	A/Egypt/0215-NAMRU3/2007	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372603	PB1	Egypt	2007-Jun-10	A/Egypt/4082-NAMRU3/2007	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI393763	PB1	United States	2012-Jan-30	A/Rhode Island/01/2012	Rhode Island Department of Health	Centers for Disease Control and Prevention
EPI370327	PB1	Philippines	2011-Oct-21	A/PHILIPPINES/3948/2011	Research Institute of Tropical Medi	WHO Collaborating Centre for Reference and Research on Influenza
EPI376939	PB1	Australia	2011-Dec-12	A/PERTH/305/2011	Pathwest QE II Medical Centre	WHO Collaborating Centre for Reference and Research on Influenza
EPI370109	PB1	Philippines	2011-Oct-25	A/PHILIPPINES/3969/2011	Research Institute of Tropical Medi	WHO Collaborating Centre for Reference and Research on Influenza
EPI376956	PB1	Australia	2011-Dec-07	A/VICTORIA/893/2011	Austin Health	WHO Collaborating Centre for Reference and Research on Influenza
EPI368648	PB1	United States	2012-Jan-26	A/Texas/23/2012	Texas Department of State Health S	Centers for Disease Control and Prevention
EPI366028	PB1	United States	2012-Mar-29	A/Utah/10/2012	Utah Department of Health	Centers for Disease Control and Prevention
EPI363010	PB1	United States	2012-Mar-02	A/Washington/16/2012	Spokane Regional Health District	Centers for Disease Control and Prevention
EPI359096	PB1	United States	2012-Mar-05	A/Maryland/04/2012	Maryland Department of Health an	Centers for Disease Control and Prevention
EPI370185	PB1	Papua New Guinea	2011-Jul-27	A/GOROKA/5/2011	Papua New Guinea Institute of Med	WHO Collaborating Centre for Reference and Research on Influenza
EPI370446	PB1	New Zealand	2011-Sep-06	A/CHRISTCHURCH/60/2011	Canterbury Health Services	WHO Collaborating Centre for Reference and Research on Influenza
EPI357515	PB1	Kenya	2011-Nov-10	A/Kenya/196/2011	US Army Medical Research Unit - K	USAMRU-K

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EPI356428	PB1	Germany	2011-Jan-01	A/Germany-MV/R26/2011		Friedrich-Loeffler-Institut
EPI353909	PB1	Mexico	2012-Jan-02	A/Mexico/254/2012	Laboratorio de Virus Respiratorio	Centers for Disease Control and Prevention
EPI349267	PB1	Australia	2011-Aug-29	A/SYDNEY/525/2011	Childrens Hospital Westmead	WHO Collaborating Centre for Reference and Research on Influenza
EPI370193	PB1	Australia	2011-Oct-24	A/Victoria/361/2011	Melbourne Pathology	WHO Collaborating Centre for Reference and Research on Influenza
EPI351320	PB1	Thailand	2011-Sep-20	A/Chiang Rai/277/2011	WHO National Influenza Centre, Na	Centers for Disease Control and Prevention
EPI448173	PB1	Bangladesh	2011-May-23	A/chicken/Bangladesh/3072/2011	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI448125	PB1	Bangladesh	2011-Feb-20	A/chicken/Bangladesh/31289-1/2011	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI448085	PB1	Bangladesh	2010-Jan-12	A/chicken/Bangladesh/0411/2010	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI448077	PB1	Bangladesh	2010-Jan-04	A/chicken/Bangladesh/1012/2010	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI448069	PB1	Bangladesh	2010-Jan-04	A/chicken/Bangladesh/0912/2010	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI425921	PB1	Vietnam	2012-Jul-16	A/duck/Vietnam/NCVD-1547/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425881	PB1	Vietnam	2012-Feb-01	A/duck/Vietnam/NCVD-1182/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425849	PB1	Vietnam	2011-Nov-26	A/duck/Vietnam/NCVD3-31/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425841	PB1	Vietnam	2011-Nov-26	A/duck/Vietnam/NCVD3-8/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425825	PB1	Vietnam	2011-Sep-08	A/chicken/Vietnam/NCVD-1059/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425809	PB1	Vietnam	2011-Sep-07	A/duck/Vietnam/NCVD-1048/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425801	PB1	Vietnam	2011-Sep-07	A/duck/Vietnam/NCVD-1044/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425777	PB1	Vietnam	2011-Sep-07	A/chicken/Vietnam/NCVD-1034/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425662	PB1	Vietnam	2012-Feb-04	A/chicken/Vietnam/NCVD-1188/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425574	PB1	Vietnam	2011-Jun-15	A/chicken/Vietnam/NCVD-879/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425526	PB1	Vietnam	2011-Mar-19	A/chicken/Vietnam/NCVD-802/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425510	PB1	Vietnam	2011-Feb-25	A/chicken/Vietnam/NCVD-777/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425502	PB1	Vietnam	2011-Mar-18	A/duck/Vietnam/NCVD-946/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425462	PB1	Vietnam	2012-Feb-20	A/duck/Vietnam/NCVD-1280/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425398	PB1	Vietnam	2012-Feb-18	A/muscovy duck/Vietnam/NCVD-1256	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425350	PB1	Vietnam	2012-Feb-10	A/chicken/Vietnam/NCVD-1223/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425286	PB1	Vietnam	2011-Jan-01	A/duck/Vietnam/NCVD-674/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425254	PB1	Vietnam	2012-Jan-30	A/dove/Vietnam/NCVD-1178/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425206	PB1	Vietnam	2012-Feb-04	A/chicken/Vietnam/NCVD-1192/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425198	PB1	Vietnam	2011-Nov-22	A/duck/Vietnam/NCVD129-7/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425190	PB1	Vietnam	2012-Feb-04	A/chicken/Vietnam/NCVD-1189/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425166	PB1	Vietnam	2011-Mar-17	A/chicken/Vietnam/NCVD-854/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425110	PB1	Vietnam	2012-Sep-06	A/duck/Vietnam/NCVD-1943/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425062	PB1	Vietnam	2012-Feb-16	A/duck/Vietnam/NCVD-1252/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention

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EPI425054	PB1	Vietnam	2011-Mar-25	A/duck/Vietnam/NCVD-760/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425046	PB1	Vietnam	2011-Mar-25	A/duck/Vietnam/NCVD-759/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425038	PB1	Vietnam	2011-Mar-25	A/duck/Vietnam/NCVD-758/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI425030	PB1	Vietnam	2011-Apr-04	A/duck/Vietnam/NCVD-754/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424934	PB1	Vietnam	2011-Apr-04	A/chicken/Vietnam/NCVD-752/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424894	PB1	Vietnam	2011-Jul-15	A/chicken/Vietnam/NCVD-921/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424886	PB1	Vietnam	2011-Jul-15	A/duck/Vietnam/NCVD-920/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI438913	PB1	Vietnam	2011-Sep-06	A/duck/Vietnam/NCVD-1026/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424822	PB1	Vietnam	2011-Mar-28	A/duck/Vietnam/NCVD-806/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424766	PB1	Vietnam	2011-Mar-12	A/duck/Vietnam/NCVD-851/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424758	PB1	Vietnam	2012-Feb-20	A/chicken/Vietnam/NCVD-1277/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424718	PB1	Vietnam	2012-Aug-23	A/duck/Vietnam/NCVD-1897/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424662	PB1	Vietnam	2012-Feb-18	A/chicken/Vietnam/NCVD-1255/2012	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424424	PB1	Vietnam	2011-Feb-01	A/chicken/Vietnam/NCVD-704/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424384	PB1	Vietnam	2011-Feb-01	A/chicken/Vietnam/NCVD-685/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI424376	PB1	Vietnam	2011-Feb-01	A/duck/Vietnam/NCVD-680/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI372526	PB1	Egypt	2004-Jan-28	A/teal/Egypt/00677-NAMRU3/2004	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372494	PB1	Ukraine	2006-May-01	A/pied avocet/Ukraine/05848-NAMRU	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372456	PB1	Egypt	2007-Feb-09	A/shoveler/Egypt/01574-NAMRU3/200	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372416	PB1	Egypt	2007-Jan-05	A/shoveler/Egypt/00241-NAMRU3/200	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372345	PB1	Egypt	2005-Sep-10	A/teal/Egypt/11974-NAMRU3/2005	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372337	PB1	Egypt	2004-Dec-18	A/shoveler/Egypt/09781-NAMRU3/200	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372321	PB1	Egypt	2004-Dec-22	A/shoveler/Egypt/09864-NAMRU3/200	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372273	PB1	Egypt	2003-Dec-22	A/teal/Egypt/20431-NAMRU3/2003	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI372265	PB1	Egypt	2003-Dec-15	A/shoveler/Egypt/20313-NAMRU3/200	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI448884	PB1	Bangladesh	2011-Feb-07	A/crow/Bangladesh/315T/2011	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI448905	PB1	Bangladesh	2011-Jul-24	A/duck/Bangladesh/4117T/2011	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI448919	PB1	Bangladesh	2011-Feb-13	A/crow/Bangladesh/1058/2011	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI348823	PB1	Vietnam	2010-Feb-25	A/chicken/Vietnam/NCVD-428/2010	National Institute of Hygiene and E	Centers for Disease Control and Prevention
EPI348816	PB1	Vietnam	2010-Feb-23	A/chicken/Vietnam/NCVD-427/2010	National Institute of Hygiene and E	Centers for Disease Control and Prevention
EPI466515	PB1	China	2013-Apr-05	A/chicken/Jiangsu/TZXH/2013	Yangzhou University	Chinese Academy of Sciences
EPI466472	PB1	China	2013-Jan-07	A/chicken/Jiangsu/NTTZ/2013	Yangzhou University	Chinese Academy of Sciences
EPI466424	PB1	China	2012-Mar-24	A/chicken/Jiangsu/WJYBF/2012	Yangzhou University	Chinese Academy of Sciences
EPI466400	PB1	China	2012-Apr-16	A/chicken/Jiangsu/XZLZG/2012	Yangzhou University	Chinese Academy of Sciences

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EPI466392	PB1	China	2011-May-11	A/chicken/Jiangsu/YZ0511/2011	Yangzhou University	Chinese Academy of Sciences
EPI466384	PB1	China	2012-Mar-24	A/chicken/Jiangsu/CZYWP/2012	Yangzhou University	Chinese Academy of Sciences
EPI466368	PB1	China	2011-Jun-11	A/chicken/Jiangsu/YZ0611/2011	Yangzhou University	Chinese Academy of Sciences
EPI466352	PB1	China	2012-May-09	A/chicken/Shangdong/SDWF29/2012	Yangzhou University	Chinese Academy of Sciences
EPI466280	PB1	China	2012-May-09	A/chicken/Shangdong/SDWF14/2012	Yangzhou University	Chinese Academy of Sciences
EPI466272	PB1	China	2012-Mar-24	A/chicken/Jiangsu/WJHRG/2012	Yangzhou University	Chinese Academy of Sciences
EPI464944	PB1	Italy	2012-Sep-28	A/chicken/Italy/12VIR-7785-67/2012	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Veneziae
EPI457787	PB1	China	2013-Apr-03	A/chicken/Shanghai/S1358/2013	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI457779	PB1	China	2013-Apr-03	A/chicken/Shanghai/S1410/2013	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI468350	PB1	China	2013-Apr-10	A/chicken/Hangzhou/48-2/2013(H9N	Hangzhou Center for Disease Contr	Hangzhou Center for Disease Control and Prevention
EPI397858	PB1	Australia	2012-Jan-01	A/Chicken/Queensland/1/2012	Queensland Health Scientific Servic	WHO Collaborating Centre for Reference and Research on Influenza
EPI355398	PB1	Egypt	2011-Jan-01	A/chicken/Egypt/11vir4453-132/VRLCU/2011		Istituto Zooprofilattico Sperimentale Delle Veneziae
EPI355120	PB1	Egypt	2011-Mar-05	A/chicken/Egypt/11vir4453-280/2011	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Veneziae
EPI355104	PB1	Egypt	2011-Mar-05	A/chicken/Egypt/11vir4453-275/2011	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Veneziae
EPI241711	PB1	Denmark	2006-Mar-03	A/peregrine/Denmark/6632/2006	National Veterinary Institute	Statens Serum Institute
EPI244108	PB1	Germany	2009-Dec-01	A/goose/Germany/R3160/09		Friedrich-Loeffler-Institut
EPI241735	PB1	Denmark	2006-Mar-21	A/grey lag goose/Denmark/6692/200	National Veterinary Institute	Statens Serum Institute
EPI345434	PB1	Belgium	2010-Jan-27	A/Larus argentatus/Belgium/02936cls	Veterinary and Agrochemical Resea	Veterinary and Agrochemical Research Institute
EPI345426	PB1	Belgium	2010-Jan-27	A/Larus argentatus/Belgium/02936pc	Veterinary and Agrochemical Resea	Veterinary and Agrochemical Research Institute
EPI345418	PB1	Belgium	2008-Aug-18	A/Larus argentatus/Belgium/14469-1	Veterinary and Agrochemical Resea	Veterinary and Agrochemical Research Institute
EPI345410	PB1	Belgium	2008-Aug-18	A/Larus argentatus/Belgium/14469-2	Veterinary and Agrochemical Resea	Veterinary and Agrochemical Research Institute
EPI345402	PB1	Belgium	2008-Sep-25	A/Larus argentatus/Belgium/17429-1	Veterinary and Agrochemical Resea	Veterinary and Agrochemical Research Institute
EPI345394	PB1	Belgium	2008-Sep-25	A/Larus michahellis/Belgium/17429-3	Veterinary and Agrochemical Resea	Veterinary and Agrochemical Research Institute
EPI241766	PB1	Denmark	2006-Apr-03	A/whooper swan/Denmark/7224/200	National Veterinary Institute	Statens Serum Institute
EPI241662	PB1	Denmark	2006-Apr-05	A/whooper swan/Denmark/7275/200	National Veterinary Institute	Statens Serum Institute
EPI248475	PB1	Germany	2009-Jan-01	A/turkey/Germany-NI/R778/09		Friedrich-Loeffler-Institut
EPI349052	PB1	Germany	2006-Jan-01	A/Common Buzzard/Berlin/1/2006	Robert Koch-Institute	Robert Koch-Institute
EPI345386	PB1	Belgium	2010-Jan-27	A/Arenaria interpres/Belgium/02936g	Veterinary and Agrochemical Resea	Veterinary and Agrochemical Research Institute
EPI345378	PB1	Belgium	2009-May-01	A/Arenaria interpres/Belgium/06765c	Veterinary and Agrochemical Resea	Veterinary and Agrochemical Research Institute
EPI345370	PB1	Belgium	2008-Sep-15	A/Arenaria interpres/Belgium/17044-	Veterinary and Agrochemical Resea	Veterinary and Agrochemical Research Institute
EPI294457	PB1	Poland	2008-Sep-03	A/mallard/Poland/227/08	National Veterinary Research Instit	National Veterinary Research Institute
EPI294444	PB1	Poland	2010-Aug-04	A/mallard/Poland/96/10	National Veterinary Research Instit	National Veterinary Research Institute
EPI293902	PB1	Turkey	2005-Dec-10	A/Pigeon/Turkey-Agri/09rs2841-8/20	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Veneziae
EPI293894	PB1	Turkey	2005-Dec-09	A/Pigeon/Turkey-Kars/09rs2841-7/20	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Veneziae

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EPI286986	PB1	Poland	2010-Aug-28	A/common teal/Poland/180/2010 (H4	National Veterinary Research Institut	National Veterinary Research Institute
EPI241671	PB1	Denmark	2006-May-16	A/peacock/Denmark/60295/2006	National Veterinary Institute	Statens Serum Institute
EPI241654	PB1	Denmark	2006-Apr-28	A/great crested grebe/Denmark/7498	Technical University of Denmark	Statens Serum Institute
EPI241646	PB1	Denmark	2006-Mar-15	A/buzzard/Denmark/6370/2006	National Veterinary Institute	Statens Serum Institute
EPI351602	PB1	Vietnam	2008-Jan-01	A/civet/Vietnam/NCVD-004/2008	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI295333	PB1	United State	2009-Sep-04	A/swine/South Dakota/152B/2009	Emerging Pathogens Institute, Univ	Centers for Disease Control and Prevention
EPI295322	PB1	United State	2009-Aug-28	A/swine/Minnesota/165A/2009	Emerging Pathogens Institute, Univ	Centers for Disease Control and Prevention
EPI295314	PB1	United State	2009-Aug-31	A/swine/Minnesota/136B/2009	Emerging Pathogens Institute, Univ	Centers for Disease Control and Prevention
EPI295306	PB1	United State	2009-Sep-01	A/swine/Minnesota/130A/2009	Emerging Pathogens Institute, Univ	Centers for Disease Control and Prevention
EPI295301	PB1	United State	2009-Sep-01	A/swine/Minnesota/130A/2009	Emerging Pathogens Institute, Univ	Centers for Disease Control and Prevention
EPI295294	PB1	United State	2009-Aug-26	A/swine/Minnesota/074A/2009	Emerging Pathogens Institute, Univ	Centers for Disease Control and Prevention
EPI295289	PB1	United State	2009-Aug-26	A/swine/Minnesota/074A/2009	Emerging Pathogens Institute, Univ	Centers for Disease Control and Prevention
EPI301671	PB1	Germany	2010-Jan-01	A/swine/Germany-NI/R856/10		Friedrich-Loeffler-Institut
EPI411919	PB1	Germany	2010-Jan-01	A/swine/Germany-NI/R757/10		Friedrich-Loeffler-Institut
EPI411881	PB1	Germany	2009-Jan-01	A/swine/Germany-NI/R369/09		Friedrich-Loeffler-Institut
EPI411875	PB1	Germany	2009-Jan-01	A/swine/Germany-NI/R299/09		Friedrich-Loeffler-Institut
EPI411869	PB1	Germany	2009-Jan-01	A/swine/Germany-NI/R248/09		Friedrich-Loeffler-Institut
EPI253905	PB1	Italy	2000-Jan-03	A/swine/Italy/18/2000		Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emi
EPI248491	PB1	Germany	2009-Jan-01	A/swine/Germany-BB/siv-leipz11308/09		Friedrich-Loeffler-Institut
EPI248483	PB1	Germany	2009-Jan-01	A/swine/Germany-SH/R1737/09		Friedrich-Loeffler-Institut
EPI280278	PB1	China	2009-Jan-16	A/water/Hunan/7/2009	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI280270	PB1	China	2009-Jan-16	A/water/Hunan/3/2009	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI280262	PB1	China	2009-Jan-16	A/environment/Xinjiang/6/2009	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI280246	PB1	China	2009-Jan-16	A/environment/Guizhou/9/2009	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI280238	PB1	China	2009-Jan-16	A/environment/Guizhou/7/2009	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI280230	PB1	China	2009-Jan-16	A/environment/Guizhou/4/2009	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI280222	PB1	China	2009-Jan-16	A/environment/Guizhou/2/2009	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI280214	PB1	China	2009-Jan-06	A/duck feces/Hebei/5/2009	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI280206	PB1	China	2009-Jan-06	A/water/Hebei/3/2009	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI280198	PB1	China	2009-Jan-06	A/water/Hebei/2/2009	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI280190	PB1	China	2009-Jan-06	A/water/Hebei/1/2009	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI338345	PB1	Germany	2009-Jan-01	A/hen's egg/Germany/[A/cygnus cygr	Friedrich-Loeffler-Institut	Friedrich-Loeffler-Institut
EPI338337	PB1	Germany	2009-Jan-01	A/hen's egg/Germany/[A/cygnus cygr	Friedrich-Loeffler-Institut	Friedrich-Loeffler-Institut
EPI328747	PB1	United State	2010-Jan-01	A/South Carolina/02/2010 NYMC X-205A		Centers for Disease Control and Prevention

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EPI325050	PB1	Australia	2010-Jan-01	A/Perth/10/2010 X-207		Centers for Disease Control and Prevention
EPI309748	PB1	Germany	2008-Jan-01	A/cygnus cygnus/Germany/R65.1/2008	Friedrich-Loeffler-Institut	Friedrich-Loeffler-Institut
EPI287338	PB1	Germany	2009-Jan-01	A/MDCK/Germany/[A/cygnus cygnus]	Friedrich-Loeffler-Institut	Friedrich-Loeffler-Institut
EPI287330	PB1	Germany	2009-Jan-01	A/MDCK/Germany/[A/cygnus cygnus]	Friedrich-Loeffler-Institut	Friedrich-Loeffler-Institut
EPI287322	PB1	Germany	2009-Jan-01	A/MDCK/Germany/[A/cygnus cygnus]	Friedrich-Loeffler-Institut	Friedrich-Loeffler-Institut
EPI287314	PB1	Germany	2009-Jan-01	A/MDCK/Germany/[A/cygnus cygnus]	Friedrich-Loeffler-Institut	Friedrich-Loeffler-Institut
EPI287306	PB1	Germany	2009-Jan-01	A/MDCK/Germany/[A/cygnus cygnus]	Friedrich-Loeffler-Institut	Friedrich-Loeffler-Institut
EPI287298	PB1	Germany	2009-Jan-01	A/MDCK/Germany/[A/cygnus cygnus]	Friedrich-Loeffler-Institut	Friedrich-Loeffler-Institut
EPI287290	PB1	Germany	2009-Jan-01	A/MDCK/Germany/[A/cygnus cygnus]	Friedrich-Loeffler-Institut	Friedrich-Loeffler-Institut
EPI287282	PB1	Germany	2009-Jan-01	A/MDCK/Germany/[A/cygnus cygnus]	Friedrich-Loeffler-Institut	Friedrich-Loeffler-Institut
EPI287274	PB1	Germany	2008-Jan-01	A/MDCK/Germany/[A/cygnus cygnus]	Friedrich-Loeffler-Institut	Friedrich-Loeffler-Institut
EPI287266	PB1	Germany	2009-Jan-01	A/MDCK/Germany/[A/cygnus cygnus]	Friedrich-Loeffler-Institut	Friedrich-Loeffler-Institut
EPI287258	PB1	Germany	2009-Jan-01	A/MDCK/Germany/[A/cygnus cygnus]	Friedrich-Loeffler-Institut	Friedrich-Loeffler-Institut
EPI287250	PB1	Germany	2009-Jan-01	A/MDCK/Germany/[A/cygnus cygnus]	Friedrich-Loeffler-Institut	Friedrich-Loeffler-Institut
EPI287242	PB1	Germany	2009-Jan-01	A/MDCK/Germany/[A/cygnus cygnus]	Friedrich-Loeffler-Institut	Friedrich-Loeffler-Institut
EPI287234	PB1	Germany	2009-Jan-01	A/MDCK/Germany/[A/cygnus cygnus]	Friedrich-Loeffler-Institut	Friedrich-Loeffler-Institut
EPI287226	PB1	Germany	2008-Jan-01	A/MDCK/Germany/[A/cygnus cygnus]	Friedrich-Loeffler-Institut	Friedrich-Loeffler-Institut
EPI287210	PB1	Germany	2008-Jan-01	A/MDCK/Germany/[A/cygnus cygnus]	Friedrich-Loeffler-Institut	Friedrich-Loeffler-Institut
EPI254624	PB1	Australia	2009-Jan-01	IVR-155(A/Victoria/210/2009)		Centers for Disease Control and Prevention
EPI239902	PB1	United States	2009-Apr-09	A/California/07/2009 X-181A		Centers for Disease Control and Prevention
EPI239899	PB1	United States	2009-Apr-09	A/California/07/2009 X-181		Centers for Disease Control and Prevention
EPI353527	PB1	United States	2009-Jan-01	A/Wisconsin/15/2009 X-183	New York Medical College	Centers for Disease Control and Prevention
EPI347089	PB1	Australia	2011-Feb-18	A/Brisbane/70/2011	WHO Collaborating Centre for Reference and Research on Influenza	Centers for Disease Control and Prevention
EPI347096	PB1	Thailand	2011-Jun-08	A/Nonthaburi/78/2011	WHO National Influenza Centre, Nonthaburi	Centers for Disease Control and Prevention
EPI346499	PB1	United States	2011-Nov-04	A/Minnesota/19/2011	Minnesota Department of Health	Centers for Disease Control and Prevention
EPI346491	PB1	United States	2011-Nov-21	A/West Virginia/06/2011	West Virginia Office of Laboratory Medicine	Centers for Disease Control and Prevention
EPI346438	PB1	United States	2011-Nov-14	A/Iowa/08/2011	Iowa State Hygienic Laboratory	Centers for Disease Control and Prevention
EPI346430	PB1	United States	2011-Nov-14	A/Iowa/07/2011	Iowa State Hygienic Laboratory	Centers for Disease Control and Prevention
EPI346422	PB1	United States	2011-Nov-14	A/Iowa/09/2011	Iowa State Hygienic Laboratory	Centers for Disease Control and Prevention
EPI370188	PB1	Australia	2011-Sep-20	A/VICTORIA/103/2011	Victorian Infectious Diseases Reference Laboratory	WHO Collaborating Centre for Reference and Research on Influenza
EPI346282	PB1	Singapore	2011-May-16	A/SINGAPORE/41/2011	National Public Health Laboratory	WHO Collaborating Centre for Reference and Research on Influenza
EPI344403	PB1	United States	2011-Jul-27	A/Indiana/08/2011	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI344395	PB1	United States	2011-Oct-22	A/Indiana/10/2011	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI344387	PB1	United States	2011-Oct-22	A/Indiana/10/2011	Indiana State Department of Health	Centers for Disease Control and Prevention

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EPI342702	PB1	United States	2011-Nov-14	A/Iowa/09/2011	Iowa State Hygienic Laboratory	Centers for Disease Control and Prevention
EPI342694	PB1	United States	2011-Nov-14	A/Iowa/08/2011	Iowa State Hygienic Laboratory	Centers for Disease Control and Prevention
EPI342686	PB1	United States	2011-Nov-14	A/Iowa/07/2011	Iowa State Hygienic Laboratory	Centers for Disease Control and Prevention
EPI342432	PB1	United States	2010-Nov-01	A/Kentucky/09/2010	Kentucky Division of Laboratory Services	Centers for Disease Control and Prevention
EPI341663	PB1	China	2009-Jun-01	A/Guangdong-Luohu/1256/2009	WHO Chinese National Influenza Center	Centers for Disease Control and Prevention
EPI377958	PB1	Indonesia	2011-Oct-07	A/Indonesia/NIHRD11771/2011(H5N1)	National Institute of Health Research and Development	National Institute of Health Research and Development
EPI377952	PB1	Indonesia	2011-Oct-07	A/Indonesia/NIHRD11767/2011(H5N1)	National Institute of Health Research and Development	National Institute of Health Research and Development
EPI339169	PB1	United States	2011-Oct-10	A/Maine/06/2011	Maine Health and Environmental Services	Centers for Disease Control and Prevention
EPI340943	PB1	Australia	2011-Jun-10	A/South Australia/03/2011	WHO Collaborating Centre for Reference and Research on Influenza	Centers for Disease Control and Prevention
EPI335921	PB1	United States	2010-Dec-30	A/Iowa/19/2010	Iowa State Hygienic Laboratory	Centers for Disease Control and Prevention
EPI367553	PB1	Bangladesh	2011-May-19	A/Bangladesh/5071/2011	Institute of Epidemiology Disease Control and Prevention	Centers for Disease Control and Prevention
EPI335627	PB1	United States	2011-Jul-27	A/Indiana/08/2011	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI335608	PB1	United States	2011-Aug-20	A/Pennsylvania/09/2011	Pennsylvania Department of Health	Centers for Disease Control and Prevention
EPI465442	PB1	Australia	2011-Jul-11	A/NEWCASTLE/163/2011	John Hunter Hospital, Virology Unit	WHO Collaborating Centre for Reference and Research on Influenza
EPI465430	PB1	Australia	2011-Jul-04	A/NEWCASTLE/85/2011	John Hunter Hospital, Virology Unit	WHO Collaborating Centre for Reference and Research on Influenza
EPI465436	PB1	Australia	2011-Jun-20	A/NEWCASTLE/17/2011	John Hunter Hospital, Virology Unit	WHO Collaborating Centre for Reference and Research on Influenza
EPI333150	PB1	United States	2011-Jul-27	A/Indiana/08/2011	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI465425	PB1	Australia	2011-Jul-02	A/NEWCASTLE/58/2011	John Hunter Hospital, Virology Unit	WHO Collaborating Centre for Reference and Research on Influenza
EPI349319	PB1	Australia	2011-Jun-23	A/NEWCASTLE/47/2011	John Hunter Hospital, Virology Unit	WHO Collaborating Centre for Reference and Research on Influenza
EPI332644	PB1	Australia	2011-Jan-26	A/BRISBANE/15/2011	Queensland Health Scientific Services	WHO Collaborating Centre for Reference and Research on Influenza
EPI332625	PB1	Nauru	2011-Jan-21	A/NAURU/5/2011	Republic of Nauru Hospital	WHO Collaborating Centre for Reference and Research on Influenza
EPI332686	PB1	Australia	2011-Mar-01	A/PERTH/30/2011	Pathwest QE II Medical Centre	WHO Collaborating Centre for Reference and Research on Influenza
EPI331663	PB1	Australia	2010-Dec-16	A/TOWNSVILLE/117/2010	Queensland Health Scientific Services	WHO Collaborating Centre for Reference and Research on Influenza
EPI349314	PB1	Australia	2011-May-09	A/TASMANIA/16/2011	Royal Hobart Hospital	WHO Collaborating Centre for Reference and Research on Influenza
EPI332654	PB1	Australia	2011-Feb-13	A/TASMANIA/2/2011	Royal Hobart Hospital	WHO Collaborating Centre for Reference and Research on Influenza
EPI331292	PB1	Australia	2011-Jan-21	A/VICTORIA/508/2011	Monash Medical Centre	WHO Collaborating Centre for Reference and Research on Influenza
EPI331281	PB1	Australia	2011-Jan-15	A/VICTORIA/506/2011	Monash Medical Centre	WHO Collaborating Centre for Reference and Research on Influenza
EPI332604	PB1	United States	2011-Mar-30	A/Michigan/03/2011	Michigan Department of Community Health	Centers for Disease Control and Prevention
EPI330985	PB1	United States	2011-Mar-13	A/California/21/2011	California Department of Health Services	Centers for Disease Control and Prevention
EPI332590	PB1	United States	2011-Feb-21	A/California/20/2011	California Department of Health Services	Centers for Disease Control and Prevention
EPI330863	PB1	China	2011-May-12	A/Hunan-Jishou/SWL1124/2011	WHO Chinese National Influenza Center	WHO Chinese National Influenza Center
EPI330855	PB1	China	2011-Apr-02	A/Fujian-Xinluo/SWL1141/2011	WHO Chinese National Influenza Center	WHO Chinese National Influenza Center
EPI330847	PB1	China	2011-Apr-08	A/Heilongjiang-Longsha/SWL1181/2011	WHO Chinese National Influenza Center	WHO Chinese National Influenza Center
EPI330783	PB1	China	2011-May-10	A/Shanghai-Fengxian/1170/2011	WHO Chinese National Influenza Center	WHO Chinese National Influenza Center

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EPI330775	PB1	China	2011-Apr-28	A/Hunan-Wuling/1304/2011	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI330767	PB1	China	2011-Apr-15	A/Heilongjiang-Taoshan/147/2011	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI330759	PB1	China	2011-Apr-14	A/Hunan-Yanfeng/165/2011	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI330751	PB1	China	2011-Mar-11	A/Hunan-Beihu/1143/2011	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI330695	PB1	China	2011-Apr-29	A/Hunan-Jishou/SWL1116/2011	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI330687	PB1	China	2011-Apr-01	A/Shandong-Zhifu/SWL1200/2011	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI330679	PB1	China	2011-Feb-20	A/Zhejiang/SWL throat swab4/2011	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI330671	PB1	China	2011-Mar-04	A/Heilongjiang-Xiangfang/SWL1528/2	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI330663	PB1	China	2011-Apr-02	A/Hebei-Yuhua/SWL1187/2011	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI330575	PB1	China	2011-Mar-28	A/Liaoning-Tiedong/1153/2011	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI330567	PB1	China	2011-Mar-22	A/Liaoning-Haizhou/1118/2011	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI330559	PB1	China	2011-Mar-08	A/Heilongjiang-Nangang/124/2011	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI330551	PB1	China	2011-Feb-15	A/Tianjin-Hedong/195/2011	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI330535	PB1	China	2011-Mar-03	A/Jilin-Chuanying/1156/2011	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI330527	PB1	China	2011-Mar-17	A/Heilongjiang-Xiangyang/1134/2011	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI330519	PB1	China	2011-Mar-09	A/Heilongjiang-Xiangyang/1125/2011	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI330511	PB1	China	2011-Feb-14	A/Shanghai-Luwan/188/2011	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI330354	PB1	China	2011-Feb-15	A/Fujian-Gulou/SWL1103/2011	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI330346	PB1	China	2011-Feb-10	A/Hunan-Yuhua/SWL173/2011	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI330338	PB1	China	2011-Feb-20	A/Hunan-Yueyanglou/SWL143/2011	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI330330	PB1	China	2011-Mar-07	A/Guangdong-Xinxing/SWL198/2011	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI330322	PB1	China	2011-Mar-14	A/Gansu-Chengguan/SWL579/2011	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI330306	PB1	China	2011-Mar-01	A/Shanghai-Jingan/SWL1230/2011	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI330298	PB1	China	2011-Mar-03	A/Heilongjiang-Xiangyang/SWL196/20	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI330290	PB1	China	2011-Feb-04	A/Sichuan-Chuanshan/SWL118/2011	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI330282	PB1	China	2011-Mar-02	A/Jiangsu-Xinpu/SWL187/2011	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI330274	PB1	China	2011-Mar-07	A/Hunan-Xiangtan/SWL141/2011	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI330210	PB1	China	2011-Feb-13	A/Jiangxi/SWL throat swab1/2011	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI330202	PB1	China	2011-Feb-21	A/Hunan/SWL throat swab9/2011	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI330194	PB1	China	2011-Feb-15	A/Chongqing/SWL throat swab1/2011	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI330178	PB1	China	2011-Feb-02	A/Beijing-Xicheng/SWL1261/2011	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI330170	PB1	China	2011-Feb-15	A/Chongqing-Wanzhou/SWL53/2011	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI330162	PB1	China	2011-Feb-10	A/Hunan/SWL throat swab2/2011	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI330106	PB1	China	2011-Feb-22	A/Beijing-Xicheng/1409/2011	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center

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EPI330098	PB1	China	2011-Feb-08	A/Beijing-Xicheng/1293/2011	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI330082	PB1	China	2011-Feb-10	A/Beijing-Dongcheng/SWL51/2011	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI330074	PB1	China	2011-Feb-05	A/Hunan-Furong/SWL410/2011	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI326270	PB1	United State	2011-Jan-16	A/California/16/2011	California Department of Health Se	Centers for Disease Control and Prevention
EPI325034	PB1	United State	2011-Apr-15	A/Wisconsin/22/2011	Wisconsin State Laboratory of Hygi	Centers for Disease Control and Prevention
EPI320127	PB1	United State	2011-Feb-28	A/Pennsylvania/07/2011	Pennsylvania Department of Health	Centers for Disease Control and Prevention
EPI320119	PB1	United State	2011-Feb-22	A/Pennsylvania/02/2011	Pennsylvania Department of Health	Centers for Disease Control and Prevention
EPI320110	PB1	United State	2010-Dec-09	A/New York/14/2010	New York City Department of Health	Centers for Disease Control and Prevention
EPI320091	PB1	United State	2011-Feb-21	A/New Mexico/06/2011	New Mexico Department of Health	Centers for Disease Control and Prevention
EPI320083	PB1	United State	2011-Feb-09	A/New Mexico/05/2011	New Mexico Department of Health	Centers for Disease Control and Prevention
EPI320061	PB1	United State	2011-Feb-18	A/Minnesota/03/2011	Minnesota Department of Health	Centers for Disease Control and Prevention
EPI320053	PB1	United State	2011-Feb-18	A/Minnesota/03/2011	Minnesota Department of Health	Centers for Disease Control and Prevention
EPI326319	PB1	United State	2011-Jan-27	A/North Carolina/05/2011	North Carolina State Laboratory of	Centers for Disease Control and Prevention
EPI319693	PB1	United State	2011-Jan-22	A/Illinois/04/2011	Illinois Department of Public Health	Centers for Disease Control and Prevention
EPI319640	PB1	United State	2011-Mar-01	A/Alaska/15/2011	Alaska State Virology Lab	Centers for Disease Control and Prevention
EPI319575	PB1	Singapore	2010-Dec-15	A/Singapore/640/2010	National Public Health Laboratory	WHO Collaborating Centre for Reference and Research on Influenza
EPI332653	PB1	Brunei	2011-Jan-13	A/Brunei/1/2011	Qasya Diagnostic Services Sdn Bhd	WHO Collaborating Centre for Reference and Research on Influenza
EPI319583	PB1	Australia	2011-Mar-08	A/Perth/29/2011	Pathwest QE II Medical Centre	WHO Collaborating Centre for Reference and Research on Influenza
EPI332703	PB1	Australia	2011-Jan-13	A/DARWIN/2/2011	Influenza Surveillance Centre for Di	WHO Collaborating Centre for Reference and Research on Influenza
EPI316497	PB1	United State	2011-Feb-06	A/Wisconsin/18/2011	Wisconsin State Laboratory of Hygi	Centers for Disease Control and Prevention
EPI316488	PB1	United State	2011-Jan-15	A/Wisconsin/16/2011	Wisconsin State Laboratory of Hygi	Centers for Disease Control and Prevention
EPI316481	PB1	United State	2011-Feb-14	A/Wisconsin/15/2011	Wisconsin State Laboratory of Hygi	Centers for Disease Control and Prevention
EPI320165	PB1	Russian Fed	2011-Mar-14	A/Voronezh/1/2011	Russian Academy of Medical Scienc	Centers for Disease Control and Prevention
EPI320152	PB1	United State	2011-Mar-01	A/Texas/09/2011	Texas Childrens Hospital	Centers for Disease Control and Prevention
EPI316433	PB1	Russian Fed	2011-Mar-14	A/St. Petersburg/100/2011	Russian Academy of Medical Scienc	Centers for Disease Control and Prevention
EPI316411	PB1	United State	2011-Jan-20	A/North Carolina/09/2011	North Carolina State Laboratory of	Centers for Disease Control and Prevention
EPI316406	PB1	United State	2011-Mar-01	A/North Carolina/08/2011	North Carolina State Laboratory of	Centers for Disease Control and Prevention
EPI320113	PB1	United State	2011-Jan-15	A/North Carolina/07/2011	North Carolina State Laboratory of	Centers for Disease Control and Prevention
EPI316393	PB1	United State	2011-Jan-20	A/North Carolina/06/2011	North Carolina State Laboratory of	Centers for Disease Control and Prevention
EPI320002	PB1	United State	2011-Feb-15	A/California/17/2011	Naval Health Research Center	Centers for Disease Control and Prevention
EPI316199	PB1	United State	2011-Feb-05	A/Texas/06/2011	Dallas County Health and Human S	Centers for Disease Control and Prevention
EPI312979	PB1	United State	2010-Sep-13	A/Pennsylvania/40/2010	Pennsylvania Department of Health	Centers for Disease Control and Prevention
EPI342466	PB1	United State	2011-Jan-05	A/Washington/02/2011	Washington State Public Health La	Centers for Disease Control and Prevention
EPI310156	PB1	United State	2011-Jan-06	A/Virginia/04/2011	New York State Department of Hea	Centers for Disease Control and Prevention

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EPI310147	PB1	United States	2011-Feb-15	A/Virginia/01/2011	Virginia Division of Consolidated Laboratories	Centers for Disease Control and Prevention
EPI342456	PB1	United States	2011-Feb-22	A/Pennsylvania/02/2011	Pennsylvania Department of Health	Centers for Disease Control and Prevention
EPI310064	PB1	United States	2011-Jan-27	A/North Carolina/02/2011	North Carolina State Laboratory of Health	Centers for Disease Control and Prevention
EPI310021	PB1	United States	2011-Feb-18	A/Minnesota/03/2011	Minnesota Department of Health	Centers for Disease Control and Prevention
EPI309994	PB1	United States	2011-Mar-02	A/Maryland/08/2011	Maryland Department of Health and General Services	Centers for Disease Control and Prevention
EPI309988	PB1	United States	2011-Feb-25	A/Maryland/07/2011	Maryland Department of Health and General Services	Centers for Disease Control and Prevention
EPI309982	PB1	United States	2011-Feb-22	A/Maryland/06/2011	Maryland Department of Health and General Services	Centers for Disease Control and Prevention
EPI309975	PB1	United States	2011-Jan-24	A/Maryland/05/2011	Maryland Department of Health and General Services	Centers for Disease Control and Prevention
EPI309968	PB1	United States	2011-Feb-02	A/Maryland/04/2011	Maryland Department of Health and General Services	Centers for Disease Control and Prevention
EPI309960	PB1	United States	2011-Jan-10	A/Maryland/03/2011	Maryland Department of Health and General Services	Centers for Disease Control and Prevention
EPI309952	PB1	United States	2011-Feb-17	A/Maine/04/2011	Maine Health and Environmental Services	Centers for Disease Control and Prevention
EPI316357	PB1	United States	2011-Jan-19	A/Indiana/04/2011	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI309875	PB1	United States	2011-Feb-12	A/Delaware/08/2011	New York State Department of Health	Centers for Disease Control and Prevention
EPI316344	PB1	United States	2011-Jan-01	A/Delaware/07/2011		Centers for Disease Control and Prevention
EPI309863	PB1	United States	2011-Feb-04	A/Delaware/06/2011	New York State Department of Health	Centers for Disease Control and Prevention
EPI309855	PB1	United States	2011-Feb-04	A/Delaware/04/2011	New York State Department of Health	Centers for Disease Control and Prevention
EPI309835	PB1	United States	2010-Dec-29	A/Colorado/11/2010	Colorado Department of Health and Human Services	Centers for Disease Control and Prevention
EPI309824	PB1	United States	2011-Jan-07	A/California/14/2011	California Department of Health Services	Centers for Disease Control and Prevention
EPI316157	PB1	Canada	2011-Jan-02	A/Ontario/RV0064/2011	National Microbiology Laboratory, Health Canada	Centers for Disease Control and Prevention
EPI319675	PB1	United States	2011-Feb-10	A/Georgia/01/2011		Centers for Disease Control and Prevention
EPI309553	PB1	United States	2011-Jan-11	A/New Jersey/01/2011	New Jersey Department of Health and Senior Services	Centers for Disease Control and Prevention
EPI331235	PB1	United States	2010-Dec-31	A/Massachusetts/06/2010	Massachusetts Department of Public Health	Centers for Disease Control and Prevention
EPI316201	PB1	United States	2010-Dec-31	A/Texas/24/2010	Dallas County Health and Human Services	Centers for Disease Control and Prevention
EPI319850	PB1	United States	2010-Dec-21	A/Wyoming/09/2010	Wyoming Public Health Laboratory	Centers for Disease Control and Prevention
EPI353299	PB1	Philippines	2009-Mar-05	A/PHILIPPINES/16/2009	Research Institute of Tropical Medicine	WHO Collaborating Centre for Reference and Research on Influenza
EPI301679	PB1	United States	2010-Nov-01	A/Kentucky/09/2010	Kentucky Division of Laboratory Services	Centers for Disease Control and Prevention
EPI301162	PB1	China	2011-Jan-04	A/Jiangsu/1/2011		WHO Chinese National Influenza Center
EPI300981	PB1	United States	2010-Nov-01	A/Kentucky/09/2010	Kentucky Division of Laboratory Services	Centers for Disease Control and Prevention
EPI295479	PB1	United States	2010-Nov-16	A/Pennsylvania/17/2010	Pennsylvania Department of Health	Centers for Disease Control and Prevention
EPI295221	PB1	Mexico	2010-Sep-03	A/Mexico/4553/2010	Laboratorio de Virus Respiratorio	Centers for Disease Control and Prevention
EPI295213	PB1	Mexico	2010-Sep-03	A/Mexico/4553/2010	Laboratorio de Virus Respiratorio	Centers for Disease Control and Prevention
EPI295116	PB1	Kenya	2010-Jul-27	A/Kenya/6063/2010	CDC-Kenya	Centers for Disease Control and Prevention
EPI294688	PB1	United Kingdom	2010-Aug-01	A/England/3220137/2010	Centre for Infections, Health Protection Agency	Centre for Infections, Health Protection Agency
EPI294680	PB1	United Kingdom	2010-Nov-01	A/England/118/2010	Centre for Infections, Health Protection Agency	Centre for Infections, Health Protection Agency

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EPI353283	PB1	Australia	2010-Sep-19	A/SYDNEY/217/2010	Prince of Wales Hospital	WHO Collaborating Centre for Reference and Research on Influenza
EPI294377	PB1	Australia	2010-Sep-29	A/VICTORIA/906/2010	Austin Health	WHO Collaborating Centre for Reference and Research on Influenza
EPI294249	PB1	Papua New Guinea	2010-May-10	A/VANIMO/3/2010	Papua New Guinea Institute of Medical Research	WHO Collaborating Centre for Reference and Research on Influenza
EPI293963	PB1	United States	2010-Nov-26	A/Minnesota/11/2010	Minnesota Department of Health	Centers for Disease Control and Prevention
EPI293886	PB1	China	2010-Oct-10	A/Hubei-Wuchang/1271/2010	WHO Chinese National Influenza Center	WHO Chinese National Influenza Center
EPI293878	PB1	China	2010-Sep-19	A/Shanghai-Luwan/1568/2010	WHO Chinese National Influenza Center	WHO Chinese National Influenza Center
EPI293862	PB1	China	2010-Aug-17	A/Anhui-Baohe/1456/2010	WHO Chinese National Influenza Center	WHO Chinese National Influenza Center
EPI293854	PB1	China	2010-Aug-04	A/Jiangxi-Donghu/1682/2010	WHO Chinese National Influenza Center	WHO Chinese National Influenza Center
EPI293846	PB1	China	2010-Jul-14	A/Hubei-Enshi/1250/2010	WHO Chinese National Influenza Center	WHO Chinese National Influenza Center
EPI293838	PB1	China	2010-Jul-07	A/Shanghai-Luwan/1400/2010	WHO Chinese National Influenza Center	WHO Chinese National Influenza Center
EPI293830	PB1	China	2010-May-12	A/Tianjin-Hexi/1266/2010	WHO Chinese National Influenza Center	WHO Chinese National Influenza Center
EPI293822	PB1	China	2010-Apr-09	A/Heilongjiang-Longsha/160/2010	WHO Chinese National Influenza Center	WHO Chinese National Influenza Center
EPI293806	PB1	China	2010-Mar-01	A/Tianjin-Nankai/1842/2010	WHO Chinese National Influenza Center	WHO Chinese National Influenza Center
EPI293798	PB1	China	2010-Jan-06	A/Beijing-Zhaoyang/141/2010	WHO Chinese National Influenza Center	WHO Chinese National Influenza Center
EPI293790	PB1	China	2010-Jan-05	A/Tianjin-Hexi/18/2010	WHO Chinese National Influenza Center	WHO Chinese National Influenza Center
EPI293782	PB1	China	2010-Aug-18	A/Liaoning-Zhenxing/1686/2010	WHO Chinese National Influenza Center	WHO Chinese National Influenza Center
EPI293774	PB1	China	2010-Feb-08	A/Liaoning-Zhenxing/1109/2010	WHO Chinese National Influenza Center	WHO Chinese National Influenza Center
EPI293766	PB1	China	2010-Feb-11	A/Liaoning-Tixi/130/2010	WHO Chinese National Influenza Center	WHO Chinese National Influenza Center
EPI293758	PB1	China	2010-Feb-11	A/Liaoning-Tixi/129/2010	WHO Chinese National Influenza Center	WHO Chinese National Influenza Center
EPI293750	PB1	China	2010-Jan-07	A/Liaoning-Donggang/120/2010	WHO Chinese National Influenza Center	WHO Chinese National Influenza Center
EPI292868	PB1	Australia	2009-Aug-28	A/Brisbane/2015/2009	Queensland Health Scientific Services	WHO Collaborating Centre for Reference and Research on Influenza
EPI291887	PB1	United States	2008-Oct-15	A/Texas/14/2008		Centers for Disease Control and Prevention
EPI291879	PB1	United States	2008-Dec-04	A/South Dakota/03/2008	Texas Department of State Health Services	Centers for Disease Control and Prevention
EPI291867	PB1	United States	2010-Oct-26	A/Pennsylvania/14/2010	Pennsylvania Department of Health	Centers for Disease Control and Prevention
EPI291848	PB1	United States	2009-May-18	A/Minnesota/10/2009	Minnesota Department of Health	Centers for Disease Control and Prevention
EPI291840	PB1	United States	2010-May-27	A/Minnesota/09/2010	Minnesota Department of Health	Centers for Disease Control and Prevention
EPI291832	PB1	United States	2008-Feb-03	A/Minnesota/03/2008	Minnesota Department of Health	Centers for Disease Control and Prevention
EPI291818	PB1	United States	2009-Nov-19	A/Iowa/16/2009	Iowa State Hygienic Laboratory	Centers for Disease Control and Prevention
EPI291809	PB1	United States	2007-Nov-29	A/Iowa/05/2007	The Nebraska Medical Center	Centers for Disease Control and Prevention
EPI291801	PB1	United States	2009-Feb-13	A/Iowa/02/2009	Iowa State Hygienic Laboratory	Centers for Disease Control and Prevention
EPI291790	PB1	United States	2007-Sep-01	A/Illinois/09/2007	Illinois Department of Public Health	Centers for Disease Control and Prevention
EPI291698	PB1	United States	1992-Jan-01	A/Nebraska/01/1992	Children's Memorial Hospital	Centers for Disease Control and Prevention
EPI291690	PB1	United States	1995-Jan-01	A/Minnesota/18/1995	Minnesota Department of Health	Centers for Disease Control and Prevention
EPI291674	PB1	United States	1994-Aug-22	A/Indiana/01/1994	Indiana State Department of Health	Centers for Disease Control and Prevention

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EPI280174	PB1	China	2009-Jan-23	A/Hunan/2/2009	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI280166	PB1	China	2009-Jan-08	A/Hunan/1/2009	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI280158	PB1	China	2008-Dec-04	A/Beijing/1/2009	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI280150	PB1	China	2007-Dec-03	A/Jiangsu/2/2007	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI280142	PB1	China	2007-Nov-24	A/Jiangsu/1/2007	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI280134	PB1	China	2007-Feb-18	A/Fujian/1/2007	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI280126	PB1	China	2006-Jun-19	A/Xinjiang/1/2006	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI280118	PB1	China	2006-Apr-01	A/Hubei/1/2006	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI280110	PB1	China	2006-Mar-13	A/Shanghai/1/2006	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI280102	PB1	China	2006-Feb-22	A/Guangdong/1/2006	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI280094	PB1	China	2006-Jan-27	A/Hunan/1/2006	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI353532	PB1	Australia	2010-May-26	A/Brisbane/11/2010	WHO Collaborating Centre for Refe	Centers for Disease Control and Prevention
EPI279230	PB1	Australia	2010-Jul-07	A/DARWIN/36/2010	Influenza Surveillance Centre for DI	WHO Collaborating Centre for Reference and Research on Influenza
EPI376921	PB1	Cambodia	2010-Jun-21	A/CAMBODIA/1/2010	Institute Pasteur du Cambodia	WHO Collaborating Centre for Reference and Research on Influenza
EPI376947	PB1	Sri Lanka	2010-May-25	A/SRI LANKA/7/2010	Medical Research Institute	WHO Collaborating Centre for Reference and Research on Influenza
EPI279127	PB1	New Zealan	2010-Jul-10	A/SOUTH AUCKLAND/10/2010	Institute of Environmental Science	WHO Collaborating Centre for Reference and Research on Influenza
EPI279113	PB1	New Zealan	2010-Jul-03	A/SOUTH AUCKLAND/2/2010	Institute of Environmental Science	WHO Collaborating Centre for Reference and Research on Influenza
EPI279030	PB1	Australia	2010-Jun-03	A/PERTH/12/2010	Pathwest QE II Medical Centre	WHO Collaborating Centre for Reference and Research on Influenza
EPI279022	PB1	Australia	2010-Jun-29	A/VICTORIA/5/2010	Victorian Infectious Diseases Refer	WHO Collaborating Centre for Reference and Research on Influenza
EPI284403	PB1	Australia	2010-Jun-21	A/DARWIN/3/2010	Influenza Surveillance Centre for DI	WHO Collaborating Centre for Reference and Research on Influenza
EPI278902	PB1	Russian Fed	2010-Feb-08	A/St. Petersburg/204/2010	Russian Academy of Medical Scienc	Centers for Disease Control and Prevention
EPI278894	PB1	United State	2010-Jun-01	A/Texas/03/2010	Texas Department of State Health S	Centers for Disease Control and Prevention
EPI347075	PB1	United State	2010-Mar-08	A/Florida/08/2010	Florida Department of Health-Jacks	Centers for Disease Control and Prevention
EPI341642	PB1	United State	2010-Jul-13	A/Alabama/05/2010	U.S. Air Force School of Aerospace	Centers for Disease Control and Prevention
EPI353522	PB1	Panama	2010-Jun-08	A/Panama/307149/2010	Instituto Conmemorativo Gorgas d	Centers for Disease Control and Prevention
EPI273870	PB1	United State	2009-Oct-26	A/Washington/75/2009	University of Washington Molecula	Centers for Disease Control and Prevention
EPI273863	PB1	United State	2010-Apr-02	A/Washington/01/2010	University of Washington Molecula	Centers for Disease Control and Prevention
EPI273827	PB1	United State	2010-Apr-06	A/Kentucky/06/2010	Kentucky Division of Laboratory Ser	Centers for Disease Control and Prevention
EPI273730	PB1	United State	2010-Apr-05	A/Connecticut/02/2010	Connecticut Department. of Public	Centers for Disease Control and Prevention
EPI273607	PB1	United State	2009-Apr-09	A/California/07/2009	Naval Health Research Center	Centers for Disease Control and Prevention
EPI273599	PB1	United State	2009-Apr-16	A/California/06/2009	Naval Health Research Center	Centers for Disease Control and Prevention
EPI272060	PB1	Australia	2009-Jun-02	A/VICTORIA/208/2009	Victorian Infectious Diseases Refer	WHO Collaborating Centre for Reference and Research on Influenza
EPI270313	PB1	United State	2010-Jan-26	A/Rhode Island/01/2010	Rhode Island Department of Health	Centers for Disease Control and Prevention
EPI270294	PB1	India	2009-Sep-19	A/India/2710/2009	National Institute of Virology	Centers for Disease Control and Prevention

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EPI270032	PB1	Macao	2010-Mar-08	A/Macao/307249/2010	Laboratorio De Saude Publico	WHO Collaborating Centre for Reference and Research on Influenza
EPI269978	PB1	Singapore	2009-Nov-17	A/Singapore/569/2009	National Public Health Laboratory	WHO Collaborating Centre for Reference and Research on Influenza
EPI346375	PB1	Australia	2009-Aug-12	A/PERTH/261/2009	Pathwest QE II Medical Centre	WHO Collaborating Centre for Reference and Research on Influenza
EPI269965	PB1	Australia	2010-Feb-17	A/Perth/500/2010	Princess Margaret Hospital for Child	WHO Collaborating Centre for Reference and Research on Influenza
EPI269952	PB1	Australia	2010-Jan-01	A/Brisbane/1/2010	Queensland Health Scientific Serv	WHO Collaborating Centre for Reference and Research on Influenza
EPI269933	PB1	Singapore	2009-Aug-13	A/Singapore/591/2009	National Public Health Laboratory	WHO Collaborating Centre for Reference and Research on Influenza
EPI284415	PB1	Guam	2010-Mar-01	A/Guam/2/2010	PIHOA Regional Public Health Labo	WHO Collaborating Centre for Reference and Research on Influenza
EPI267593	PB1	United King	2009-Jun-01	A/ENG/419/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267585	PB1	United King	2009-Jun-01	A/ENG/418/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267577	PB1	United King	2009-Jun-01	A/ENG/414/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267569	PB1	United King	2009-May-01	A/ENG/359/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267545	PB1	United King	2009-Jun-01	A/ENG/445/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267537	PB1	United King	2009-Jun-01	A/ENG/433/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267529	PB1	United King	2009-Jun-01	A/ENG/431/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267513	PB1	United King	2009-Jun-01	A/ENG/428/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267505	PB1	United King	2009-Jun-01	A/ENG/423/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267497	PB1	United King	2009-Jun-01	A/ENG/402/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267489	PB1	United King	2009-Jun-01	A/ENG/400/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267481	PB1	United King	2009-Jun-01	A/ENG/395/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267473	PB1	United King	2009-Jun-01	A/ENG/394/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267465	PB1	United King	2009-Jun-01	A/ENG/388/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267457	PB1	United King	2009-Jun-01	A/ENG/386/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267449	PB1	United King	2009-Jun-01	A/ENG/385/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267441	PB1	United King	2009-Jun-01	A/ENG/384/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267433	PB1	United King	2009-Jun-01	A/ENG/382/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267425	PB1	United King	2009-Jun-01	A/ENG/381/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267417	PB1	United King	2009-Jun-01	A/ENG/361/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267401	PB1	United King	2009-May-01	A/ENG/266/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267393	PB1	United King	2009-May-01	A/ENG/XFL00482/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267385	PB1	United King	2009-May-01	A/SC/4/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267377	PB1	United King	2009-Jul-01	A/ENG/675/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267369	PB1	United King	2009-Jul-01	A/ENG/634/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267361	PB1	United King	2009-Jul-01	A/ENG/92860032/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267353	PB1	United King	2009-May-01	A/ENG/XFL00300/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency

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EPI267345	PB1	United King	2009-Apr-01	A/ENG/223/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267337	PB1	United King	2009-May-01	A/ENG/XFL00304/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267329	PB1	United King	2009-May-01	A/ENG/XFL00275/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267321	PB1	United King	2009-May-01	A/ENG/220/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267313	PB1	United King	2009-May-01	A/ENG/257/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267305	PB1	United King	2009-May-01	A/ENG/XFL00419/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267297	PB1	United King	2009-Apr-01	A/ENG/XFL00071/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267289	PB1	United King	2009-May-01	A/ENG/218/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267281	PB1	United King	2009-May-01	A/ENG/254/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267273	PB1	United King	2009-May-01	A/ENG/259/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267265	PB1	United King	2009-May-01	A/ENG/XFL00418/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267257	PB1	United King	2009-May-01	A/ENG/246/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267249	PB1	United King	2009-Apr-01	A/ENG/197/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267241	PB1	United King	2009-May-01	A/ENG/XFL00354/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267233	PB1	United King	2009-May-01	A/ENG/XFL00311/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267225	PB1	United King	2009-Jun-01	A/SC/10/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267217	PB1	United King	2009-May-01	A/ENG/XFL00200/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267209	PB1	United King	2009-May-01	A/ENG/XFL00473/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI267030	PB1	China	2010-Jun-01	A/Hubei/1/2010		WHO Chinese National Influenza Center
EPI266221	PB1	China	2010-Feb-22	A/Hubei-Hongshan/SWL143/2010		WHO Chinese National Influenza Center
EPI266213	PB1	China	2010-Apr-11	A/Hubei-Wuchang/SWL174/2010		WHO Chinese National Influenza Center
EPI266205	PB1	China	2010-Apr-03	A/Hubei-Wuchang/SWL171/2010		WHO Chinese National Influenza Center
EPI266197	PB1	China	2010-Mar-08	A/Hubei-Songzi/SWL1166/2010		WHO Chinese National Influenza Center
EPI266189	PB1	China	2010-Feb-04	A/Hubei-Songzi/SWL189/2010		WHO Chinese National Influenza Center
EPI266181	PB1	China	2010-Mar-03	A/Hubei-Songzi/SWL1176/2010		WHO Chinese National Influenza Center
EPI266165	PB1	China	2010-Jan-28	A/Hubei-Songzi/SWL160/2010		WHO Chinese National Influenza Center
EPI266149	PB1	China	2010-Jan-27	A/Guangdong-Liwan/SWL172/2010		WHO Chinese National Influenza Center
EPI266141	PB1	China	2010-Mar-01	A/Guangdong-Yuexiu/SWL1276/2010		WHO Chinese National Influenza Center
EPI266133	PB1	China	2010-Mar-14	A/Guangdong-Liwan/SWL1170/2010		WHO Chinese National Influenza Center
EPI266125	PB1	China	2010-Mar-01	A/Guangdong-Duanzhou/SWL1178/2010		WHO Chinese National Influenza Center
EPI266117	PB1	China	2010-Mar-10	A/Guangdong-Duanzhou/SWL1198/2010		WHO Chinese National Influenza Center
EPI266109	PB1	China	2010-Jan-26	A/Guangdong-Zhenjiang/SWL176/2010		WHO Chinese National Influenza Center
EPI266101	PB1	China	2010-Mar-18	A/Guangdong-Wuijiang/SWL51/2010		WHO Chinese National Influenza Center
EPI266093	PB1	China	2010-Jan-29	A/Guangdong-Jiangcheng/SWL181/2010		WHO Chinese National Influenza Center

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EPI266085	PB1	China	2010-Jan-25	A/Guangdong-Zhenjiang/SWL165/2010		WHO Chinese National Influenza Center
EPI258278	PB1	China	2009-Aug-29	A/Henan/18/2009		WHO Chinese National Influenza Center
EPI258270	PB1	China	2010-Jan-25	A/Jilin-Nanguan/SWL181/2010		WHO Chinese National Influenza Center
EPI258262	PB1	China	2010-Feb-25	A/Hubei-Wuchang/SWL145/2010		WHO Chinese National Influenza Center
EPI258254	PB1	China	2010-Feb-11	A/Zhejiang-Haishu/SWL1289/2010		WHO Chinese National Influenza Center
EPI258246	PB1	China	2010-Jan-18	A/Shaanxi-Beilin/SWL134/2010		WHO Chinese National Influenza Center
EPI258238	PB1	China	2010-Jan-27	A/Jiangsu-Qinhuai/SWL167/2010		WHO Chinese National Influenza Center
EPI258230	PB1	China	2010-Feb-24	A/Fujian-Yanping/SWL1115/2010		WHO Chinese National Influenza Center
EPI258222	PB1	China	2010-Mar-18	A/Shanghai-Pudongxin/SWL1335/2010		WHO Chinese National Influenza Center
EPI257238	PB1	China	2009-Nov-06	A/Sichuan-Wenjiang/SWL456/2009		WHO Chinese National Influenza Center
EPI256640	PB1	China	2009-Dec-20	A/Guangxi/SWL8/2009		WHO Chinese National Influenza Center
EPI256632	PB1	China	2009-Dec-20	A/Guangxi/SWL6/2009		WHO Chinese National Influenza Center
EPI256624	PB1	China	2009-Dec-20	A/Guangxi/SWL5/2009		WHO Chinese National Influenza Center
EPI256616	PB1	China	2009-Dec-20	A/Guangxi/SWL4/2009		WHO Chinese National Influenza Center
EPI256608	PB1	China	2009-Dec-20	A/Guangxi/SWL11/2009		WHO Chinese National Influenza Center
EPI256600	PB1	China	2009-Dec-20	A/Guangxi/SWL10/2009		WHO Chinese National Influenza Center
EPI256592	PB1	China	2009-Dec-20	A/Guangxi/SWL9/2009		WHO Chinese National Influenza Center
EPI256584	PB1	China	2009-Dec-20	A/Guangxi/SWL3/2009		WHO Chinese National Influenza Center
EPI256576	PB1	China	2009-Dec-20	A/Guangxi/SWL7/2009		WHO Chinese National Influenza Center
EPI256492	PB1	China	2009-Nov-20	A/Sichuan-Wuhou/SWL4391/2009		WHO Chinese National Influenza Center
EPI256484	PB1	China	2009-Nov-19	A/Sichuan-Jinniu/SWL446/2009		WHO Chinese National Influenza Center
EPI256468	PB1	China	2009-Nov-30	A/Beijing-Xicheng/SWL11649/2009		WHO Chinese National Influenza Center
EPI256448	PB1	China	2009-Nov-23	A/Guangdong/SWL33/2009		WHO Chinese National Influenza Center
EPI256440	PB1	China	2009-Nov-20	A/Guangdong/SWL32/2009		WHO Chinese National Influenza Center
EPI341647	PB1	Bangladesh	2009-May-17	A/Bangladesh/5014/2009	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI254568	PB1	United State	2010-Feb-02	A/Georgia/08/2010	Georgia Public Health Laboratory	Centers for Disease Control and Prevention
EPI254054	PB1	United State	2009-Sep-30	A/Wisconsin/67/2009	Wisconsin State Laboratory of Hygi	Centers for Disease Control and Prevention
EPI254048	PB1	Puerto Rico	2009-Dec-18	A/Puerto Rico/20/2009	Puerto Rico Department of Health	Centers for Disease Control and Prevention
EPI254045	PB1	United State	2009-Sep-16	A/Wisconsin/66/2009	Wisconsin State Laboratory of Hygi	Centers for Disease Control and Prevention
EPI254004	PB1	United State	2010-Mar-02	A/Louisiana/03/2010	Louisiana Department of Health an	Centers for Disease Control and Prevention
EPI253528	PB1	China	2009-Jun-11	A/Jiangsu/SWL1/2009		WHO Chinese National Influenza Center
EPI253468	PB1	China	2009-Sep-03	A/Xinjiang/SWL1/2009		WHO Chinese National Influenza Center
EPI253460	PB1	China	2009-Sep-03	A/Ningxia/SWL2/2009		WHO Chinese National Influenza Center
EPI253452	PB1	China	2009-Sep-02	A/Xizang/SWL2/2009		WHO Chinese National Influenza Center

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EPI253444	PB1	China	2009-Sep-02	A/Xizang/SWL1/2009	WHO Chinese National Influenza Center
EPI253436	PB1	China	2009-Aug-08	A/Guangdong/SWL28/2009	WHO Chinese National Influenza Center
EPI253420	PB1	China	2009-Jul-14	A/Hunan/SWL18/2009	WHO Chinese National Influenza Center
EPI253412	PB1	China	2009-Jul-12	A/Jiangxi/SWL8/2009	WHO Chinese National Influenza Center
EPI253404	PB1	China	2009-Jul-17	A/Henan/SWL14/2009	WHO Chinese National Influenza Center
EPI253396	PB1	China	2009-Jul-03	A/Hainan/SWL14/2009	WHO Chinese National Influenza Center
EPI253388	PB1	China	2009-Jul-06	A/Jiangxi/SWL2/2009	WHO Chinese National Influenza Center
EPI253380	PB1	China	2009-Jun-26	A/Guangdong/SWL27/2009	WHO Chinese National Influenza Center
EPI253372	PB1	China	2009-Jul-13	A/Heilongjiang/SWL1/2009	WHO Chinese National Influenza Center
EPI253364	PB1	China	2009-Jun-02	A/Shanghai/SWL121/2009	WHO Chinese National Influenza Center
EPI253355	PB1	China	2009-Jun-27	A/Hainan/SWL5/2009	WHO Chinese National Influenza Center
EPI253356	PB1	China	2009-Jun-27	A/Hainan/SWL5/2009	WHO Chinese National Influenza Center
EPI253348	PB1	China	2009-Jun-02	A/Shanghai/SWL119/2009	WHO Chinese National Influenza Center
EPI253340	PB1	China	2009-Jun-01	A/Shanghai/SWL120/2009	WHO Chinese National Influenza Center
EPI253332	PB1	China	2009-Jun-29	A/Hainan/SWL6/2009	WHO Chinese National Influenza Center
EPI253324	PB1	China	2009-Jun-26	A/Hunan/SWL12/2009	WHO Chinese National Influenza Center
EPI253316	PB1	China	2009-Jun-22	A/Hunan/SWL9/2009	WHO Chinese National Influenza Center
EPI253300	PB1	China	2009-Jun-26	A/Jilin/SWL2/2009	WHO Chinese National Influenza Center
EPI253292	PB1	China	2009-Jun-19	A/Hunan/SWL4/2009	WHO Chinese National Influenza Center
EPI253284	PB1	China	2009-Jun-21	A/Hunan/SWL5/2009	WHO Chinese National Influenza Center
EPI253276	PB1	China	2009-Jun-24	A/Shaanxi/SWL1/2009	WHO Chinese National Influenza Center
EPI253268	PB1	China	2009-Jun-22	A/Jilin/SWL1/2009	WHO Chinese National Influenza Center
EPI253260	PB1	China	2009-Jun-21	A/Hebei/SWL1/2009	WHO Chinese National Influenza Center
EPI253252	PB1	China	2009-Jun-13	A/Hunan/SWL3/2009	WHO Chinese National Influenza Center
EPI253244	PB1	China	2009-Jun-12	A/Hainan/SWL2/2009	WHO Chinese National Influenza Center
EPI253236	PB1	China	2009-Jun-13	A/Guangxi/SWL1/2009	WHO Chinese National Influenza Center
EPI253220	PB1	China	2009-Jun-18	A/Anhui/SWL1/2009	WHO Chinese National Influenza Center
EPI253212	PB1	China	2009-Jun-12	A/Yunnan/SWL1/2009	WHO Chinese National Influenza Center
EPI253204	PB1	China	2009-Jun-10	A/Tianjin/SWL2/2009	WHO Chinese National Influenza Center
EPI253196	PB1	China	2009-Jun-11	A/Liaoning/SWL1/2009	WHO Chinese National Influenza Center
EPI253188	PB1	China	2009-Jun-01	A/Shanghai/SWL7/2009	WHO Chinese National Influenza Center
EPI253180	PB1	China	2009-May-28	A/Shanghai/SWL6/2009	WHO Chinese National Influenza Center
EPI253172	PB1	China	2009-Jun-01	A/Shanghai/SWL5/2009	WHO Chinese National Influenza Center
EPI253164	PB1	China	2009-May-31	A/Shanghai/SWL4/2009	WHO Chinese National Influenza Center

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EPI253156	PB1	China	2009-Jun-03	A/Shanxi/SWL1/2009		WHO Chinese National Influenza Center
EPI253148	PB1	China	2009-Jun-10	A/Hainan/SWL1/2009		WHO Chinese National Influenza Center
EPI253140	PB1	China	2009-Jun-10	A/Guizhou/SWL1/2009		WHO Chinese National Influenza Center
EPI253132	PB1	China	2009-May-30	A/Beijing/SWL6/2009		WHO Chinese National Influenza Center
EPI253116	PB1	China	2009-Jun-10	A/Jiangxi/SWL1/2009		WHO Chinese National Influenza Center
EPI253108	PB1	China	2009-May-31	A/Zhejiang/SWL2/2009		WHO Chinese National Influenza Center
EPI253100	PB1	China	2009-Jun-08	A/Tianjin/SWL1/2009		WHO Chinese National Influenza Center
EPI252202	PB1	New Zealand	2009-Jun-13	A/New Zealand/871/2009	Institute of Environmental Science	Centers for Disease Control and Prevention
EPI252194	PB1	Chile	2009-May-30	A/Chile/945/2009	Instituto de Salud Publica de Chile	Centers for Disease Control and Prevention
EPI252186	PB1	United States	2010-Feb-06	A/Georgia/04/2010	Georgia Public Health Laboratory	Centers for Disease Control and Prevention
EPI252161	PB1	United States	2009-Aug-25	A/West Virginia/13/2009	Charleston Area Medical Center	Centers for Disease Control and Prevention
EPI254014	PB1	United States	2010-Mar-08	A/Utah/03/2010	Utah Department of Health	Centers for Disease Control and Prevention
EPI253990	PB1	United States	2010-Feb-09	A/New York/03/2010	New York City Department of Health	Centers for Disease Control and Prevention
EPI254009	PB1	United States	2010-Mar-11	A/Nebraska/02/2010	Nebraska Public Health Lab	Centers for Disease Control and Prevention
EPI253995	PB1	United States	2010-Mar-03	A/Iowa/04/2010	Iowa State Hygienic Laboratory	Centers for Disease Control and Prevention
EPI253951	PB1	United States	2010-Mar-04	A/California/05/2010	California Department of Health Services	Centers for Disease Control and Prevention
EPI254574	PB1	United States	2010-Mar-01	A/Alabama/03/2010	ADPH Bureau of Clinical Laboratories	Centers for Disease Control and Prevention
EPI280030	PB1	China	2006-Dec-10	A/Anhui/1/2006	WHO Chinese National Influenza Center	WHO Chinese National Influenza Center
EPI280072	PB1	China	2009-Jan-10	A/Xinjiang/1/2009	WHO Chinese National Influenza Center	WHO Chinese National Influenza Center
EPI280065	PB1	China	2009-Jan-05	A/Shandong/1/2009	WHO Chinese National Influenza Center	WHO Chinese National Influenza Center
EPI280079	PB1	China	2009-Jan-15	A/Guizhou/1/2009	WHO Chinese National Influenza Center	WHO Chinese National Influenza Center
EPI280086	PB1	China	2009-Jan-19	A/Guangxi/1/2009	WHO Chinese National Influenza Center	WHO Chinese National Influenza Center
EPI280058	PB1	China	2008-Feb-16	A/Guangdong/1/2008	WHO Chinese National Influenza Center	WHO Chinese National Influenza Center
EPI280051	PB1	China	2008-Feb-12	A/Guangxi/1/2008	WHO Chinese National Influenza Center	WHO Chinese National Influenza Center
EPI280044	PB1	China	2008-Jan-16	A/Hunan/1/2008	WHO Chinese National Influenza Center	WHO Chinese National Influenza Center
EPI280037	PB1	China	2007-Mar-17	A/Anhui/1/2007	WHO Chinese National Influenza Center	WHO Chinese National Influenza Center
EPI280023	PB1	China	2006-Jun-03	A/Guangdong/2/2006	WHO Chinese National Influenza Center	WHO Chinese National Influenza Center
EPI280016	PB1	China	2006-Apr-16	A/Sichuan/3/2006	WHO Chinese National Influenza Center	WHO Chinese National Influenza Center
EPI279947	PB1	China	2006-Feb-10	A/Zhejiang/1/2006	WHO Chinese National Influenza Center	WHO Chinese National Influenza Center
EPI250020	PB1	United States	2010-Feb-24	A/North Carolina/05/2010	North Carolina State Laboratory of Health	Centers for Disease Control and Prevention
EPI250012	PB1	United States	2010-Feb-03	A/Indiana/03/2010	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI249565	PB1	Hong Kong	2009-Oct-17	A/Hong Kong/33773/2009	Government Virus Unit	Centers for Disease Control and Prevention
EPI252105	PB1	United States	2010-Feb-08	A/Wyoming/01/2010	Wyoming Public Health Laboratory	Centers for Disease Control and Prevention
EPI347062	PB1	United States	2010-Feb-17	A/Wisconsin/02/2010	Wisconsin State Laboratory of Hygiene	Centers for Disease Control and Prevention

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EPI252100	PB1	United States	2010-Jan-24	A/Wisconsin/01/2010	Wisconsin State Laboratory of Hygiene	Centers for Disease Control and Prevention
EPI254017	PB1	United States	2010-Jan-21	A/Virginia/01/2010	Virginia Division of Consolidated Laboratories	Centers for Disease Control and Prevention
EPI252094	PB1	United States	2010-Feb-04	A/Vermont/01/2010	Vermont Department of Health Laboratories	Centers for Disease Control and Prevention
EPI247464	PB1	United States	2010-Feb-10	A/Utah/02/2010	Utah Department of Health	Centers for Disease Control and Prevention
EPI252088	PB1	United States	2009-Dec-07	A/Texas/75/2009	Texas Department of State Health Services	Centers for Disease Control and Prevention
EPI247433	PB1	United States	2010-Feb-23	A/Tennessee/01/2010	Tennessee Department of Health Laboratories	Centers for Disease Control and Prevention
EPI247422	PB1	United States	2009-Sep-16	A/South Carolina/18/2009	South Carolina Department of Health and Environmental Control	Centers for Disease Control and Prevention
EPI252077	PB1	United States	2009-Dec-08	A/Oregon/42/2009	Oregon Public Health Laboratory	Centers for Disease Control and Prevention
EPI251875	PB1	United States	2009-Nov-07	A/New Mexico/16/2009	New Mexico Department of Health	Centers for Disease Control and Prevention
EPI252072	PB1	United States	2010-Jan-01	A/New Jersey/01/2010	New Jersey Department of Health and Senior Services	Centers for Disease Control and Prevention
EPI252067	PB1	United States	2010-Jan-12	A/Nevada/01/2010	Nevada State Health Laboratory	Centers for Disease Control and Prevention
EPI254040	PB1	United States	2009-Dec-30	A/Nebraska/23/2009	Nebraska Public Health Lab	Centers for Disease Control and Prevention
EPI291910	PB1	United States	2009-Dec-23	A/Minnesota/41/2009	Minnesota Department of Health	Centers for Disease Control and Prevention
EPI273693	PB1	United States	2009-Nov-09	A/Minnesota/40/2009	Minnesota Department of Health	Centers for Disease Control and Prevention
EPI252061	PB1	United States	2010-Feb-03	A/Louisiana/01/2010	Louisiana Department of Health and Hospitals	Centers for Disease Control and Prevention
EPI252056	PB1	Japan	2009-Nov-10	A/Japan/4081/2009	U.S. Air Force School of Aerospace Medicine	Centers for Disease Control and Prevention
EPI252051	PB1	United States	2009-Dec-28	A/Georgia/25/2009	Georgia Public Health Laboratory	Centers for Disease Control and Prevention
EPI247287	PB1	United States	2009-Jul-06	A/Georgia/08/2009	Georgia Public Health Laboratory	Centers for Disease Control and Prevention
EPI252046	PB1	United States	2010-Feb-06	A/Georgia/01/2010	Georgia Public Health Laboratory	Centers for Disease Control and Prevention
EPI253976	PB1	United States	2010-Feb-02	A/Florida/02/2010	Florida Department of Health-Jacksonville	Centers for Disease Control and Prevention
EPI253971	PB1	United States	2010-Jan-06	A/Florida/01/2010	Florida Department of Health-Jacksonville	Centers for Disease Control and Prevention
EPI252041	PB1	Ethiopia	2010-Jan-06	A/Ethiopia/45/2010	Ethiopian Health and Nutrition Research Institute	Centers for Disease Control and Prevention
EPI252036	PB1	Dominican Republic	2009-Dec-15	A/Dominican Republic/3768/2009	Laboratorio de Investigacion / Centro de Referencia y Control de Enfermedades	Centers for Disease Control and Prevention
EPI252031	PB1	United States	2010-Jan-05	A/Colorado/02/2010	Colorado Department of Health and Human Services	Centers for Disease Control and Prevention
EPI252026	PB1	United States	2010-Feb-01	A/California/02/2010	California Department of Health Services	Centers for Disease Control and Prevention
EPI252021	PB1	Bangladesh	2009-Nov-11	A/Bangladesh/2001/2009	Institute of Epidemiology Disease Control and Prevention	Centers for Disease Control and Prevention
EPI247199	PB1	Argentina	2009-Jun-19	A/Argentina/8169/2009	Instituto Nacional de Enfermedades Infecciosas	Centers for Disease Control and Prevention
EPI252015	PB1	United States	2009-Dec-04	A/Alaska/47/2009	Alaska State Virology Lab	Centers for Disease Control and Prevention
EPI247173	PB1	United States	2010-Feb-07	A/Alaska/01/2010	Alaska State Virology Lab	Centers for Disease Control and Prevention
EPI252010	PB1	United States	2010-Jan-04	A/Alabama/01/2010	ADPH Bureau of Clinical Laboratories	Centers for Disease Control and Prevention
EPI246389	PB1	Germany	2009-Jan-01	A/Germany-BY/74/09		Friedrich-Loeffler-Institut
EPI244299	PB1	United States	2009-Jul-27	A/Kansas/13/2009	Kansas Department of Health and Human Services	Centers for Disease Control and Prevention
EPI266899	PB1	Kenya	2009-Aug-14	A/Kenya/1720/2009		Centers for Disease Control and Prevention
EPI266849	PB1	China	2009-Aug-08	A/Hong Kong/14775/2009		Centers for Disease Control and Prevention

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EPI266874	PB1	China	2009-Jul-06	A/Hong Kong/4458/2009		Centers for Disease Control and Prevention
EPI266839	PB1	China	2009-Oct-22	A/Fujian-Shanghang/523/2009		Centers for Disease Control and Prevention
EPI266823	PB1	China	2009-Oct-17	A/Beijing-Chaoyang/11263/2009		Centers for Disease Control and Prevention
EPI266818	PB1	China	2009-Oct-15	A/Beijing-Chaoyang/11230/2009		Centers for Disease Control and Prevention
EPI266909	PB1	China	2009-Sep-23	A/Sichuan-Xiqu/325/2009		Centers for Disease Control and Prevention
EPI266934	PB1	China	2009-Sep-23	A/Zhejiang-Liandu/1339/2009		Centers for Disease Control and Prevention
EPI266889	PB1	China	2009-Sep-07	A/Jiangsu-Quanshan/377/2009		Centers for Disease Control and Prevention
EPI244096	PB1	Vietnam	2005-Jun-27	A/duck/Vietnam/TG24/05		Friedrich-Loeffler-Institut
EPI252005	PB1	China	2009-Dec-04	A/Hebei-Yuhua/Sw11441/2009	WHO Chinese National Influenza C	Centers for Disease Control and Prevention
EPI252000	PB1	China	2009-Nov-20	A/Guangdong-Xinxing/Sw1621/2009	WHO Chinese National Influenza C	Centers for Disease Control and Prevention
EPI251995	PB1	Mexico	2009-Nov-18	A/Mexico/476/2009	Laboratorio de Virus Respiratorio	Centers for Disease Control and Prevention
EPI251990	PB1	Taiwan	2009-Nov-09	A/Taiwan/1127/2009	ADImmune Corporation	Centers for Disease Control and Prevention
EPI253986	PB1	United State	2010-Jan-05	A/Iowa/01/2010	Iowa State Hygienic Laboratory	Centers for Disease Control and Prevention
EPI253981	PB1	United State	2009-Dec-04	A/Pennsylvania/31/2009	Pennsylvania Department of Health	Centers for Disease Control and Prevention
EPI251985	PB1	Bangladesh	2009-Dec-19	A/Bangladesh/3009/2009	Institute of Epidemiology Disease C	Centers for Disease Control and Prevention
EPI252120	PB1	Peru	2009-Nov-17	A/Peru/8409/2009	US NAMRU-6	Centers for Disease Control and Prevention
EPI243795	PB1	United State	2009-Aug-01	A/Texas/71/2009	U.S. Air Force School of Aerospace	Centers for Disease Control and Prevention
EPI347050	PB1	Hong Kong	2009-Nov-21	A/Hong Kong/34360/2009	Government Virus Unit	Centers for Disease Control and Prevention
EPI251977	PB1	United State	2009-Dec-06	A/Arizona/20/2009	Arizona Department of Health Serv	Centers for Disease Control and Prevention
EPI251972	PB1	United State	2009-Nov-13	A/Arkansas/09/2009	Arkansas Department of Health	Centers for Disease Control and Prevention
EPI251967	PB1	Russian Fed	2009-Nov-30	A/Belgorod/01/2009	Russian Academy of Medical Scienc	Centers for Disease Control and Prevention
EPI251962	PB1	Russian Fed	2009-Nov-02	A/Kaliningrad/01/2009	Russian Academy of Medical Scienc	Centers for Disease Control and Prevention
EPI243735	PB1	United State	2009-Oct-22	A/Montana/23/2009	Montana Public Health Laboratory	Centers for Disease Control and Prevention
EPI251954	PB1	United State	2009-Nov-24	A/California/41/2009	L.A. County Public Health Laborator	Centers for Disease Control and Prevention
EPI251949	PB1	United State	2009-Nov-12	A/Oklahoma/05/2009	Oklahoma State Department of Hea	Centers for Disease Control and Prevention
EPI243671	PB1	United State	2009-Apr-09	A/California/08/2009	Naval Health Research Center	Centers for Disease Control and Prevention
EPI266939	PB1	China	2009-Nov-02	A/Sichuan-Dongqu/1836/2009	WHO Chinese National Influenza C	Centers for Disease Control and Prevention
EPI341652	PB1	Colombia	2009-Jan-01	A/Colombia/4335/2009		Centers for Disease Control and Prevention
EPI266924	PB1	Vietnam	2009-Jul-22	A/Vietnam/2036/2009	National Institute of Hygiene and E	Centers for Disease Control and Prevention
EPI249560	PB1	China	2009-Oct-23	A/Hong Kong/33775/2009	Government Virus Unit	Centers for Disease Control and Prevention
EPI266869	PB1	China	2009-Oct-21	A/Hong Kong/33774/2009	Government Virus Unit	Centers for Disease Control and Prevention
EPI240586	PB1	United King	2009-Apr-01	A/Eng/XFL00137/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI240578	PB1	United King	2009-Apr-01	A/Eng/91800797/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI240570	PB1	United King	2009-Jun-01	A/ENG/434/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency

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EPI240562	PB1	United King	2009-Jun-01	A/ENG/411/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI240554	PB1	United King	2009-Jun-01	A/ENG/398/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI240546	PB1	United King	2009-Jun-01	A/ENG/392/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI240538	PB1	United King	2009-Jun-01	A/ENG/389/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI240530	PB1	United King	2009-Jun-01	A/ENG/541/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI240522	PB1	United King	2009-May-01	A/ENG/247/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI240514	PB1	United King	2009-May-01	A/ENG/263/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI240506	PB1	United King	2009-Apr-01	A/ENG/551/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI240498	PB1	United King	2009-May-01	A/ENG/201/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI240490	PB1	United King	2009-Apr-01	A/ENG/205/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI240474	PB1	United King	2009-May-01	A/ENG/265/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI240466	PB1	United King	2009-May-01	A/Eng/XFL00481/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI240458	PB1	United King	2009-Apr-01	A/ENG/202/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI240442	PB1	United King	2009-May-01	A/ENG/256/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI240434	PB1	United King	2009-Apr-01	A/ENG/204/2009	Centre for Infections, Health Protec	Centre for Infections, Health Protection Agency
EPI252209	PB1	Puerto Rico	2009-Dec-06	A/Puerto Rico/51/2009	Puerto Rico Department of Health	Centers for Disease Control and Prevention
EPI240398	PB1	Canada	2009-Oct-16	A/Ontario/RV3226/2009	National Microbiology Laboratory,	Centers for Disease Control and Prevention
EPI251940	PB1	Korea, Repu	2009-Nov-02	A/Gyeongnam/11177/2009	National Institute of Health	Centers for Disease Control and Prevention
EPI239669	PB1	Hong Kong	2009-Sep-15	A/Hong Kong/26579/2009	Government Virus Unit	Centers for Disease Control and Prevention
EPI254560	PB1	United State	2009-Dec-01	A/Montana/22/2009	Montana Public Health Laboratory	Centers for Disease Control and Prevention
EPI239591	PB1	United State	2009-Oct-01	A/North Carolina/45/2009	North Carolina State Laboratory of	Centers for Disease Control and Prevention
EPI239584	PB1	United State	2009-Sep-20	A/North Carolina/44/2009	North Carolina State Laboratory of	Centers for Disease Control and Prevention
EPI239576	PB1	United State	2009-Oct-16	A/North Carolina/43/2009	North Carolina State Laboratory of	Centers for Disease Control and Prevention
EPI233197	PB1	United State	2009-Oct-16	A/North Carolina/46/2009	Centers for Disease Control and Pre	Centers for Disease Control and Prevention
EPI233189	PB1	United State	2009-Oct-16	A/North Carolina/46/2009	Centers for Disease Control and Pre	Centers for Disease Control and Prevention
EPI233168	PB1	United State	2009-Oct-15	A/North Carolina/39/2009	Duke University Health System	Centers for Disease Control and Prevention
EPI240353	PB1	Iraq	2009-Sep-08	A/Iraq/8529/2009	U.S. Air Force School of Aerospace	Centers for Disease Control and Prevention
EPI232959	PB1	Mexico	2009-Mar-12	A/Mexico/2964/2009	Laboratorio de Virus Respiratorio	Centers for Disease Control and Prevention
EPI266859	PB1	China	2009-Sep-11	A/Hong Kong/26552/2009	Government Virus Unit	Centers for Disease Control and Prevention
EPI266854	PB1	China	2009-Sep-07	A/Hong Kong/26547/2009	Government Virus Unit	Centers for Disease Control and Prevention
EPI266813	PB1	Canada	2009-Sep-24	A/Alberta/RV2859/2009	National Microbiology Laboratory,	Centers for Disease Control and Prevention
EPI341677	PB1	Philippines	2009-May-26	A/Philippines/2191/2009	Thailand MOPH-U.S. CDC Collabora	Centers for Disease Control and Prevention
EPI341670	PB1	China	2009-Sep-18	A/Hong Kong/26560/2009	Government Virus Unit	Centers for Disease Control and Prevention
EPI341657	PB1	United State	2009-Jan-01	A/Florida/22/2009		Centers for Disease Control and Prevention

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EPI341687	PB1	Australia	2009-Jun-02	A/Victoria/208/2009	WHO Collaborating Centre for Refe	Centers for Disease Control and Prevention
EPI253946	PB1	United State	2009-Nov-02	A/Wyoming/16/2009	Wyoming Public Health Laboratory	Centers for Disease Control and Prevention
EPI251918	PB1	United State	2009-Nov-08	A/Wisconsin/55/2009	Wisconsin State Laboratory of Hygi	Centers for Disease Control and Prevention
EPI251913	PB1	United State	2009-Nov-09	A/Washington/62/2009	Washington State Public Health Lab	Centers for Disease Control and Prevention
EPI231447	PB1	United State	2009-Sep-29	A/Texas/66/2009	Centers for Disease Control and Pre	Centers for Disease Control and Prevention
EPI347033	PB1	United State	2009-Sep-29	A/Texas/66/2009	Centers for Disease Control and Pre	Centers for Disease Control and Prevention
EPI347027	PB1	United State	2009-Aug-27	A/Mississippi/05/2009	Centers for Disease Control and Pre	Centers for Disease Control and Prevention
EPI251903	PB1	United State	2009-Nov-09	A/Maine/13/2009	Maine Health and Environmental T	Centers for Disease Control and Prevention
EPI251898	PB1	United State	2009-Nov-06	A/Illinois/15/2009	Illinois Department of Public Health	Centers for Disease Control and Prevention
EPI251893	PB1	United State	2009-Nov-04	A/Florida/25/2009	Florida Department of Health-Jacks	Centers for Disease Control and Prevention
EPI252112	PB1	Thailand	2009-Nov-15	A/Ayutthaya/568/2009	WHO National Influenza Centre, Na	Centers for Disease Control and Prevention
EPI251888	PB1	Canada	2009-Nov-05	A/Ontario/RV3181/2009	National Microbiology Laboratory,	Centers for Disease Control and Prevention
EPI348788	PB1	Vietnam	2010-Nov-16	A/duck/Vietnam/NCVD-458/2010	National Institute of Hygiene and E	Centers for Disease Control and Prevention
EPI427348	PB1	Vietnam	2010-Dec-01	A/chicken/Vietnam/NCVD-668/2010	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI348921	PB1	Vietnam	2010-May-12	A/duck/Vietnam/NCVD-431/2010	National Institute of Hygiene and E	Centers for Disease Control and Prevention
EPI301550	PB1	Saudi Arabia	2006-Jan-01	A/falcon/Saudi Arabia/08vir3489-40-a	Istituto Zooprofilattico Sperimenta	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI301464	PB1	Jordan	2004-Jan-01	A/duck/Jordan/1436-890/2004	Istituto Zooprofilattico Sperimenta	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI294652	PB1	Egypt	2010-Mar-15	A/poultry/Egypt/3982-55/2010	Istituto Zooprofilattico Sperimenta	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI350770	PB1	Vietnam	2008-Dec-01	A/duck/Vietnam/NCVD-187/2008	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI351555	PB1	Vietnam	2008-Dec-01	A/muscovy duck/Vietnam/NCVD-156/	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI351586	PB1	Vietnam	2008-Jan-01	A/quail/Vietnam/NCVD-037/2008	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI351579	PB1	Vietnam	2010-Apr-01	A/poultry/Vietnam/NCVD-416/2010	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI349087	PB1	Vietnam	2008-Dec-01	A/avian/Vietnam/NCVD-133/2008	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI349080	PB1	Vietnam	2008-Dec-01	A/avian/Vietnam/NCVD-132/2008	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI349073	PB1	Vietnam	2008-Dec-01	A/avian/Vietnam/NCVD-125/2008	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI349066	PB1	Vietnam	2008-Dec-01	A/avian/Vietnam/NCVD-124/2008	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI351572	PB1	Vietnam	2009-Jan-01	A/ostrich/Vietnam/NCVD-373/2009	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI351548	PB1	Vietnam	2010-Apr-01	A/muscovy duck/Vietnam/NCVD-401/	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI350707	PB1	Vietnam	2007-Jan-01	A/duck/Vietnam/NCVD-110/2007	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI350581	PB1	Vietnam	2008-Jan-01	A/duck/Vietnam/NCVD-011/2008	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI350525	PB1	Vietnam	2008-Jan-01	A/duck/Vietnam/NCVD-010/2008	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI350518	PB1	Vietnam	2008-Jan-01	A/duck/Vietnam/NCVD-009/2008	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI350644	PB1	Vietnam	2008-Jan-01	A/duck/Vietnam/NCVD-024/2008	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI350511	PB1	Vietnam	2008-Jan-01	A/duck/Vietnam/NCVD-001/2008	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention

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EPI350163	PB1	Vietnam	2010-Feb-01	A/chicken/Vietnam/NCVD-394/2010	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI350107	PB1	Vietnam	2009-Feb-01	A/chicken/Vietnam/NCVD-292/2009	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI350051	PB1	Vietnam	2009-Feb-01	A/chicken/Vietnam/NCVD-291/2009	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI350044	PB1	Vietnam	2009-Feb-01	A/chicken/Vietnam/NCVD-290/2009	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI350037	PB1	Vietnam	2009-Feb-01	A/chicken/Vietnam/NCVD-289/2009	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI350023	PB1	Vietnam	2009-Feb-01	A/chicken/Vietnam/NCVD-283/2009	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI350016	PB1	Vietnam	2009-Feb-01	A/chicken/Vietnam/NCVD-282/2009	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI350009	PB1	Vietnam	2009-Feb-01	A/chicken/Vietnam/NCVD-281/2009	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI350483	PB1	Vietnam	2008-Dec-01	A/chicken/Vietnam/NCVD-swab276/2	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI349978	PB1	Vietnam	2008-Dec-01	A/chicken/Vietnam/NCVD-188/2008	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI349971	PB1	Vietnam	2008-Dec-01	A/chicken/Vietnam/NCVD-185/2008	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI349964	PB1	Vietnam	2008-Dec-01	A/chicken/Vietnam/NCVD-138/2008	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI349957	PB1	Vietnam	2008-Dec-01	A/chicken/Vietnam/NCVD-117/2008	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI350476	PB1	Vietnam	2010-Apr-01	A/chicken/Vietnam/NCVD-412/2010	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI350420	PB1	Vietnam	2010-Apr-01	A/chicken/Vietnam/NCVD-410/2010	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI350413	PB1	Vietnam	2010-Apr-01	A/chicken/Vietnam/NCVD-409/2010	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI350405	PB1	Vietnam	2010-Apr-01	A/chicken/Vietnam/NCVD-407/2010	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI350397	PB1	Vietnam	2010-Apr-01	A/chicken/Vietnam/NCVD-406/2010	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI350390	PB1	Vietnam	2010-Apr-01	A/chicken/Vietnam/NCVD-405/2010	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI350383	PB1	Vietnam	2010-Apr-01	A/chicken/Vietnam/NCVD-404/2010	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI350100	PB1	Vietnam	2009-Jan-01	A/chicken/Vietnam/NCVD-359/2009	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI350156	PB1	Vietnam	2009-Jan-01	A/chicken/Vietnam/NCVD-390/2009	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI350149	PB1	Vietnam	2009-Jan-01	A/chicken/Vietnam/NCVD-389/2009	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI350142	PB1	Vietnam	2009-Jan-01	A/chicken/Vietnam/NCVD-392/2009	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI350093	PB1	Vietnam	2009-Jan-01	A/chicken/Vietnam/NCVD-383/2009	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI350086	PB1	Vietnam	2009-Jan-01	A/chicken/Vietnam/NCVD-381/2009	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI350135	PB1	Vietnam	2009-Jan-01	A/chicken/Vietnam/NCVD-387/2009	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI350128	PB1	Vietnam	2009-Jan-01	A/chicken/Vietnam/NCVD-385/2009	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI350079	PB1	Vietnam	2009-Jan-01	A/chicken/Vietnam/NCVD-369/2009	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI350072	PB1	Vietnam	2009-Jan-01	A/chicken/Vietnam/NCVD-382/2009	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI350065	PB1	Vietnam	2009-Jan-01	A/chicken/Vietnam/NCVD-380/2009	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI270715	PB1	Poland	2009-Dec-27	A/mallard/Poland/446/09	National Veterinary Research Instit	National Veterinary Research Institute
EPI427341	PB1	Vietnam	2011-Feb-01	A/chicken/Vietnam/NCVD-700/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI427334	PB1	Vietnam	2011-Feb-01	A/chicken/Vietnam/NCVD-686/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention

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EPI302177	PB1	Germany	2010-Jan-01	A/chicken/Germany-NI/R874/2010		Friedrich-Loeffler-Institut
EPI301645	PB1		2009-Jan-01	A/chicken/Kurdistan/4693-9/2009	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI301637	PB1		2009-Jan-01	A/chicken/Kurdistan/4693-8/2009	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI301629	PB1	Iran, Islamic	2009-Jan-01	A/chicken/Iran/10VIR854-4/2009	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI301621	PB1	Iran, Islamic	2002-Jan-01	A/chicken/Iran/10VIR854-1/2002	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI301613	PB1	Iran, Islamic	2009-Jan-01	A/chicken/Iran/10VIR854-3/2009	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI301605	PB1	Iran, Islamic	2008-Jan-01	A/chicken/Iran/10VIR854-5/2008	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI301597	PB1	United Arab	2008-Jan-01	A/chicken/Dubai/09vir3771-3/2008	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI301589	PB1	United Arab	2008-Jan-01	A/chicken/Dubai/09vir3771-2/2008	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI301582	PB1	Saudi Arabia	2008-Jan-01	A/chicken/Saudi Arabia/08vir3489-50	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI301574	PB1	Saudi Arabia	2008-Jan-01	A/chicken/Saudi Arabia/08vir3489-51	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI301566	PB1	Saudi Arabia	2007-Jan-01	A/chicken/Saudi Arabia/08vir3489-47	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI301558	PB1	Saudi Arabia	2007-Jan-01	A/chicken/Saudi Arabia/08vir3489-48	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI301534	PB1	Saudi Arabia	2006-Jan-01	A/chicken/Saudi Arabia/08vir3489-44	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI301520	PB1	Saudi Arabia	2005-Jan-01	A/chicken/Saudi Arabia/08vir3489-33	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI301512	PB1	Jordan	2007-Jan-01	A/chicken/Jordan/09vir579-2/2007	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI301504	PB1	Jordan	2007-Jan-01	A/chicken/Jordan/09vir579-3/2007	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI301496	PB1	Jordan	2010-Jan-01	A/chicken/Jordan/436-2/2010	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI301488	PB1	Jordan	2010-Jan-01	A/chicken/Jordan/436-1/2010	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI301480	PB1	Jordan	2004-Jan-01	A/chicken/Jordan/1436-997/2004	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI301456	PB1	Jordan	2004-Jan-01	A/chicken/Jordan/1436-1451/2004	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI293958	PB1	Turkey	2008-Mar-14	A/Chicken/Turkey-Edirne/09rs2843-5	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI293950	PB1	Turkey	2007-Feb-01	A/Chicken/Turkey-Batman/09rs2842-	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI293942	PB1	Turkey	2006-Feb-14	A/Chicken/Turkey-Bitlis/09rs2841-93/	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI293934	PB1	Turkey	2006-Jan-26	A/Chicken/Turkey-Batman/09rs2841-	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI293926	PB1	Turkey	2006-Jan-23	A/Chicken/Turkey-Mus/09rs2841-51/	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI293918	PB1	Turkey	2006-Jan-23	A/Chicken/Turkey-Mus/09rs2841-50/	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI293910	PB1	Turkey	2006-Jan-23	A/Chicken/Turkey-Isparta/09rs2841-3	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI294666	PB1	Egypt	2010-Feb-02	A/chicken/Egypt/3982-78/2010	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI294659	PB1	Egypt	2010-May-10	A/poultry/Egypt/3982-56/2010	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI294645	PB1	Egypt	2010-Jan-01	A/chicken/Egypt/3982-52/2010	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI294638	PB1	Egypt	2010-Jan-01	A/chicken/Egypt/3982-50/2010	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI294631	PB1	Egypt	2010-Jan-01	A/chicken/Egypt/3982-44/2010	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI294624	PB1	Egypt	2010-Jan-01	A/chicken/Egypt/3982-43/2010	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie

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EPI294610	PB1	Egypt	2010-Jul-02	A/chicken/Egypt/3982-20/2010	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI294603	PB1	Egypt	2010-Jul-02	A/chicken/Egypt/3982-19/2010	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI294596	PB1	Egypt	2010-Apr-21	A/chicken/Egypt/3982-14/2010	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI294589	PB1	Egypt	2010-Mar-07	A/chicken/Egypt/3982-13/2010	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI294575	PB1	Egypt	2010-Feb-24	A/chicken/Egypt/3982-9/2010	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI294568	PB1	Egypt	2010-Apr-11	A/chicken/Egypt/3982-5/2010	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI294561	PB1	Egypt	2010-Jan-15	A/chicken/Egypt/3982-4/2010	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI294554	PB1	Egypt	2010-Feb-01	A/chicken/Egypt/3982-3/2010	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI294547	PB1	Egypt	2010-Jan-25	A/chicken/Egypt/3982-2/2010	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI294540	PB1	Egypt	2010-Mar-27	A/chicken/Egypt/2095-75/2010	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI294533	PB1	Egypt	2010-Mar-23	A/chicken/Egypt/2095-70/2010	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI294526	PB1	Egypt	2010-Jan-11	A/chicken/Egypt/2095-68/2010	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI294519	PB1	Egypt	2010-Jan-31	A/chicken/Egypt/2095-65/2010	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI294510	PB1	Egypt	2010-Feb-01	A/chicken/Egypt/2095-39/2010	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI294503	PB1	Egypt	2010-Feb-01	A/chicken/Egypt/1553-28/2010	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI294496	PB1	Egypt	2010-Jan-01	A/chicken/Egypt/1553-26/2010	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI294489	PB1	Egypt	2010-Feb-01	A/chicken/Egypt/1553-15/2010	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI294482	PB1	Egypt	2010-Feb-01	A/chicken/Egypt/1553-13/2010	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI294475	PB1	Egypt	2010-Feb-01	A/chicken/Egypt/1553-6/2010	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI294468	PB1	Egypt	2010-Feb-01	A/chicken/Egypt/1553-1/2010	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI405134	PB1	Vietnam	2011-Jan-01	A/duck/Vietnam/NCVD-672/2011	National Centre of Veterinary Diagn	Centers for Disease Control and Prevention
EPI294617	PB1	Egypt	2010-Jul-02	A/duck/Egypt/3982-21/2010	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI294582	PB1	Egypt	2010-Apr-13	A/duck/Egypt/3982-12/2010	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI246377	PB1	Germany	2009-Jan-01	A/wild duck/Germany/R2892/09		Friedrich-Loeffler-Institut
EPI241727	PB1	Denmark	2006-Mar-15	A/tufted duck/Denmark/6431/2006	National Veterinary Institute	Statens Serum Institute
EPI241679	PB1	Denmark	2006-Mar-19	A/tufted duck/Denmark/6540/2006	National Veterinary Institute	Statens Serum Institute
EPI341704	PB1	Germany	2011-May-24	A/Mallard/Germany/1240/2007	Friedrich-Loeffler-Institut	Friedrich-Loeffler-Institut
EPI341693	PB1	Poland	2009-Aug-11	A/mallard/Poland/214/09	National Veterinary Research Institut	National Veterinary Research Institute
EPI332898	PB1	France	2009-May-20	A/Anas_platyrhynchos/Camargue/09	Station Biologique "Tour du Valat"	Institut Pasteur
EPI257226	PB1	Belgium	2008-Dec-01	A/Anas platyrhynchos/09-884/2008	Veterinary and Agrochemical Resea	Veterinary and Agrochemical Research Institute
EPI257218	PB1	Belgium	2008-Nov-01	A/Anas platyrhynchos/Belgium/09-76	Veterinary and Agrochemical Resea	Veterinary and Agrochemical Research Institute
EPI257209	PB1	Belgium	2008-Nov-01	A/Anas platyrhynchos/Belgium/09-76	Veterinary and Agrochemical Resea	Veterinary and Agrochemical Research Institute
EPI248499	PB1	Germany	2009-Jan-01	A/mallard/Germany-RP/R193/09		Friedrich-Loeffler-Institut
EPI294448	PB1	Poland	2006-Sep-10	A/mallard/Poland/358/06	National Veterinary Research Instit	National Veterinary Research Institute

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EPI301663	PB1	Germany	2010-May-01	A/swine/Germany-NW/R708/10		Friedrich-Loeffler-Institut
EPI411895	PB1	Germany	2009-Jan-01	A/swine/Germany-NI/R3394/09		Friedrich-Loeffler-Institut
EPI280254	PB1	China	2009-Jan-16	A/water/Xinjiang/3/2009	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI287346	PB1	Germany	2009-Jan-01	A/MDCK/Germany/[A/cygnus cygnus,	Friedrich-Loeffler-Institut	Friedrich-Loeffler-Institut
EPI287218	PB1	Germany	2008-Jan-01	A/MDCK/Germany/[A/cygnus cygnus,	Friedrich-Loeffler-Institut	Friedrich-Loeffler-Institut
EPI330543	PB1	China	2011-Feb-20	A/Chongqing-Wanzhou/182/2011	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI330314	PB1	China	2011-Mar-14	A/Jilin-Chuanying/SWL1186/2011	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI330186	PB1	China	2011-Mar-01	A/Hunan-Yanfeng/SWL140/2011	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI293870	PB1	China	2010-Sep-06	A/Hubei-Qiaokou/1271/2010	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI293814	PB1	China	2010-Mar-24	A/Tianjin-Nankai/1912/2010	WHO Chinese National Influenza Ce	WHO Chinese National Influenza Center
EPI266173	PB1	China	2010-Jan-28	A/Hubei-Songzi/SWL161/2010		WHO Chinese National Influenza Center
EPI266157	PB1	China	2010-Feb-01	A/Guangdong-Liwan/SWL176/2010		WHO Chinese National Influenza Center
EPI256476	PB1	China	2009-Nov-29	A/Guangdong/SWL36/2009		WHO Chinese National Influenza Center
EPI256456	PB1	China	2009-Nov-21	A/Guangdong/SWL34/2009		WHO Chinese National Influenza Center
EPI253476	PB1	China	2009-Aug-29	A/Henan/SWL19/2009		WHO Chinese National Influenza Center
EPI253428	PB1	China	2009-Aug-08	A/Guangdong/SWL30/2009		WHO Chinese National Influenza Center
EPI253308	PB1	China	2009-Jun-20	A/Hunan/SWL6/2009		WHO Chinese National Influenza Center
EPI253228	PB1	China	2009-Jun-17	A/Chongqing/SWL1/2009		WHO Chinese National Influenza Center
EPI253124	PB1	China	2009-May-30	A/Hubei/SWL1/2009		WHO Chinese National Influenza Center
EPI284413	PB1	Australia	2010-Jun-03	A/Brisbane/12/2010	Queensland Health Scientific Servic	WHO Collaborating Centre for Reference and Research on Influenza
EPI269958	PB1	Australia	2010-Mar-12	A/Brisbane/7/2010	Queensland Health Scientific Servic	WHO Collaborating Centre for Reference and Research on Influenza
EPI270040	PB1	Macao	2010-Jan-15	A/Macau/200018/2010	Laboratorio De Saude Publico	WHO Collaborating Centre for Reference and Research on Influenza
EPI332658	PB1	Australia	2011-Feb-09	A/Darwin/10/2011	Influenza Surveillance Centre for Di	WHO Collaborating Centre for Reference and Research on Influenza
EPI257144	PB1	Japan	2009-Sep-20	A/SHIGA/44/2009-		National Institute of Infectious Diseases (NIID)
EPI302257	PB1	Taiwan	2010-Sep-15	A/Taiwan/851/2010	ADImmune Corporation	Centers for Disease Control and Prevention
EPI251925	PB1	Thailand	2009-Nov-03	A/Surat Thani/563/2009	WHO National Influenza Centre, Na	Centers for Disease Control and Prevention
EPI253933	PB1	New Zealan	2009-Jun-12	A/New Zealand/874/2009	Institute of Environmental Science	Centers for Disease Control and Prevention
EPI266864	PB1	China	2009-Oct-17	A/Hong Kong/33773/2009	Government Virus Unit	Centers for Disease Control and Prevention
EPI320171	PB1	Russian Fed	2011-Mar-14	A/Voronezh/1/2011	Russian Academy of Medical Scienc	Centers for Disease Control and Prevention
EPI326340	PB1	United State	2010-Dec-30	A/Iowa/19/2010	WHO Collaborating Centre for Refe	Centers for Disease Control and Prevention
EPI295124	PB1	Kenya	2010-Jul-27	A/Kenya/6063/2010	CDC-Kenya	Centers for Disease Control and Prevention
EPI295109	PB1	Kenya	2010-Jul-27	A/Kenya/6063/2010	CDC-Kenya	Centers for Disease Control and Prevention
EPI250043	PB1	Lao, People	2009-Aug-22	A/Laos/138/2009	National Center for Laboratory and	Centers for Disease Control and Prevention
EPI253999	PB1	Suriname	2010-Feb-01	A/Suriname/0777/2010	Caribbean Epidemiology Center	Centers for Disease Control and Prevention

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EPI335616	PB1	United States	2011-Aug-25	A/Pennsylvania/11/2011	University of Pittsburgh Medical Center	Centers for Disease Control and Prevention
EPI320075	PB1	United States	2011-Feb-07	A/New Mexico/04/2011	New Mexico Department of Health	Centers for Disease Control and Prevention
EPI316061	PB1	United States	2011-Jan-22	A/Illinois/03/2011	Illinois Department of Public Health	Centers for Disease Control and Prevention
EPI252083	PB1	United States	2010-Jan-27	A/South Carolina/01/2010	South Carolina Department of Health	Centers for Disease Control and Prevention
EPI243928	PB1	United States	2009-Sep-16	A/South Carolina/18/2009	South Carolina Department of Health	Centers for Disease Control and Prevention
EPI252178	PB1	United States	2010-Feb-05	A/Georgia/06/2010	Georgia Public Health Laboratory	Centers for Disease Control and Prevention
EPI291895	PB1	United States	2010-Nov-02	A/Wisconsin/12/2010	Evanston Hospital and NorthShore	Centers for Disease Control and Prevention
EPI320134	PB1	United States	2011-Feb-23	A/Pennsylvania/08/2011	Pennsylvania Department of Health	Centers for Disease Control and Prevention
EPI340982	PB1	United States	2011-Oct-22	A/Indiana/10/2011	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI291682	PB1	United States	1995-Jul-27	A/Indiana/05/1995	Indiana State Department of Health	Centers for Disease Control and Prevention
EPI347016	PB1	United States	2009-Dec-07	A/Iowa/14/2009	Iowa State Hygienic Laboratory	Centers for Disease Control and Prevention
EPI346914	PB1	United States	2011-Dec-01	A/Wisconsin/28/2011	Wisconsin State Laboratory of Hygiene	Centers for Disease Control and Prevention
EPI291706	PB1	United States	1990-Mar-13	A/Oklahoma/11/1990	Oklahoma State Department of Health	Centers for Disease Control and Prevention
EPI309801	PB1	United States	2011-Feb-01	A/Arizona/01/2011	Arizona Department of Health Services	Centers for Disease Control and Prevention
EPI310013	PB1	United States	2011-Feb-18	A/Minnesota/03/2011	Minnesota Department of Health	Centers for Disease Control and Prevention
EPI266828	PB1	China	2009-Sep-09	A/Beijing-Chaoyang/1792/2009		Centers for Disease Control and Prevention
EPI240316	PB1	United Kingdom	2009-May-01	A/England/195/2009		Centers for Disease Control and Prevention
EPI267561	PB1	United Kingdom	2009-May-01	A/ENG/252/2009	Centre for Infections, Health Protection Agency	Centre for Infections, Health Protection Agency
EPI267553	PB1	United Kingdom	2009-May-01	A/ENG/253/2009	Centre for Infections, Health Protection Agency	Centre for Infections, Health Protection Agency
EPI267521	PB1	United Kingdom	2009-Jun-01	A/ENG/430/2009	Centre for Infections, Health Protection Agency	Centre for Infections, Health Protection Agency
EPI267409	PB1	United Kingdom	2009-May-01	A/ENG/XFL00532/2009	Centre for Infections, Health Protection Agency	Centre for Infections, Health Protection Agency
EPI267201	PB1	United Kingdom	2009-May-01	A/ENG/219/2009	Centre for Infections, Health Protection Agency	Centre for Infections, Health Protection Agency
EPI240482	PB1	United Kingdom	2009-Apr-01	A/Eng/91800799/2009	Centre for Infections, Health Protection Agency	Centre for Infections, Health Protection Agency
EPI240450	PB1	United Kingdom	2009-May-01	A/ENG/264/2009	Centre for Infections, Health Protection Agency	Centre for Infections, Health Protection Agency
EPI301542	PB1	Saudi Arabia	2006-Jan-01	A/quail/Saudi Arabia/08vir3489-46-as	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI350637	PB1	Vietnam	2007-Jan-01	A/duck/Vietnam/NCVD-105/2007	National Centre of Veterinary Diagnostics	Centers for Disease Control and Prevention
EPI350623	PB1	Vietnam	2007-Jan-01	A/duck/Vietnam/NCVD-100/2007	National Centre of Veterinary Diagnostics	Centers for Disease Control and Prevention
EPI350532	PB1	Vietnam	2008-Jan-01	A/duck/Vietnam/NCVD-013/2008	National Centre of Veterinary Diagnostics	Centers for Disease Control and Prevention
EPI350602	PB1	Vietnam	2008-Jan-01	A/duck/Vietnam/NCVD-028/2008	National Centre of Veterinary Diagnostics	Centers for Disease Control and Prevention
EPI350721	PB1	Vietnam	2008-Dec-01	A/duck/Vietnam/NCVD-142/2008	National Centre of Veterinary Diagnostics	Centers for Disease Control and Prevention
EPI350805	PB1	Vietnam	2009-Jan-01	A/duck/Vietnam/NCVD-363/2009	National Centre of Veterinary Diagnostics	Centers for Disease Control and Prevention
EPI350875	PB1	Vietnam	2009-Jan-01	A/duck/Vietnam/NCVD-376/2009	National Centre of Veterinary Diagnostics	Centers for Disease Control and Prevention
EPI349992	PB1	Vietnam	2007-Jan-01	A/chicken/Vietnam/NCVD-106/2007	National Centre of Veterinary Diagnostics	Centers for Disease Control and Prevention
EPI349827	PB1	Vietnam	2008-Jan-01	A/chicken/Vietnam/NCVD-025/2008	National Centre of Veterinary Diagnostics	Centers for Disease Control and Prevention

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EPI349920	PB1	Vietnam	2008-May-01	A/chicken/Vietnam/NCVD-086/2008	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI349888	PB1	Vietnam	2008-May-01	A/chicken/Vietnam/NCVD-080/2008	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI350121	PB1	Vietnam	2009-Mar-01	A/chicken/Vietnam/NCVD-296/2009	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI350030	PB1	Vietnam	2009-Feb-01	A/chicken/Vietnam/NCVD-288/2009	National Centre of Veterinary Diagr	Centers for Disease Control and Prevention
EPI301472	PB1	Jordan	2004-Jan-01	A/chicken/Jordan/1436-643/2004	Istituto Zooprofilattico Sperimentale	Istituto Zooprofilattico Sperimentale Delle Venezie
EPI178526	PB1	Italy	2004-Jan-01	A/Goose/Italy/6117/2004		Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emi
EPI168477	PB1	Vietnam	2001-Jan-01	A/goose/Vietnam/113/2001		Centers for Disease Control and Prevention
EPI168470	PB1	Vietnam	2001-Jan-01	A/goose/Vietnam/324/2001		Centers for Disease Control and Prevention
EPI174886	PB1	Denmark	1996-Apr-09	A/ostrich/Denmark/96-72420/1996	Technical University of Denmark	National Veterinary Institute
EPI154495	PB1	Saudi Arabia	2007-Jan-01	A/ostrich/Saudi Arabia/6732-3/2007		Istituto Zooprofilattico Sperimentale Delle Venezie
EPI186390	PB1	Slovenia	2006-Jan-01	A/cygnus olor/Slovenia/156/2006	University of Ljubljana	Friedrich-Loeffler-Institut
EPI156843	PB1	Poland	2006-Apr-03	A/swan/Poland/1242-139V08/2006		National Veterinary Research Institute
EPI156827	PB1	Poland	2006-Mar-10	A/swan/Poland/467-136V08/2006		National Veterinary Research Institute
EPI156795	PB1	Poland	2006-Mar-04	A/swan/Poland/305-135V08/2006		National Veterinary Research Institute
EPI178465	PB1	Italy	1967-Jan-01	A/Turkey/Italy/928/1967		Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emi
EPI154946	PB1	Egypt	2007-Jan-01	A/turkey/Egypt/1709-9VIR08/2007		Istituto Zooprofilattico Sperimentale Delle Venezie
EPI186393	PB1	Slovenia	2006-Jan-01	A/Ardea cinera/Slovenia/185/2006	University of Ljubljana	Friedrich-Loeffler-Institut
EPI178549	PB1	Italy	1966-Jan-01	A/Quail/Italy/1966		Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emi
EPI174824	PB1	Denmark	2002-Oct-03	A/cormorant/Denmark/74-68899-G2	Technical University of Denmark	National Veterinary Institute
EPI156835	PB1	Poland	2006-Mar-24	A/hawk/Poland/937-138V08/2006		National Veterinary Research Institute
EPI156819	PB1	Poland	2006-Mar-11	A/goosander/Poland/502-137V08/2006		National Veterinary Research Institute
EPI156811	PB1	Poland	2007-Dec-11	A/buzzard/Poland/MB266B-141V08/2007		National Veterinary Research Institute
EPI156754	PB1	Togo	2007-Jan-01	A/avian/Togo/3618-10/2007		Istituto Zooprofilattico Sperimentale Delle Venezie
EPI176576	PB1	Italy	2006-Jan-01	A/swine/Italy/3275/06		Istituto Zooprofilattico Sperimentale Delle Venezie
EPI176570	PB1	Italy	2006-Jan-01	A/swine/Italy/3274/06		Istituto Zooprofilattico Sperimentale Delle Venezie
EPI176565	PB1	Italy	2006-Jan-01	A/swine/Italy/2559/06		Istituto Zooprofilattico Sperimentale Delle Venezie
EPI176560	PB1	Italy	2006-Jan-01	A/swine/Italy/4159/06		Istituto Zooprofilattico Sperimentale Delle Venezie
EPI176554	PB1	Italy	2006-Jan-01	A/swine/Italy/3279/06		Istituto Zooprofilattico Sperimentale Delle Venezie
EPI176548	PB1	Italy	2006-Jan-01	A/swine/Italy/711/06		Istituto Zooprofilattico Sperimentale Delle Venezie
EPI176542	PB1	Italy	2006-Jan-01	A/swine/Italy/537/06		Istituto Zooprofilattico Sperimentale Delle Venezie
EPI176536	PB1	Italy	2007-Jan-01	A/swine/Italy/327/07		Istituto Zooprofilattico Sperimentale Delle Venezie
EPI257193	PB1	Japan	2009-Aug-22	A/SAPPORO/190/2009		National Institute of Infectious Diseases (NIID)
EPI257161	PB1	Japan	2009-Jun-11	A/CHIBA/1017/2009		National Institute of Infectious Diseases (NIID)
EPI257199	PB1	Japan	2009-Sep-20	A/SHIGA/44/2009		National Institute of Infectious Diseases (NIID)

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EPI257187	PB1	Japan	2009-Sep-16	A/OSAKA/2032/2009		National Institute of Infectious Diseases (NIID)
EPI257181	PB1	Japan	2009-Sep-09	A/OSAKA/2031/2009		National Institute of Infectious Diseases (NIID)
EPI257174	PB1	Japan	2009-Aug-31	A/OKINAWA/283/2009		National Institute of Infectious Diseases (NIID)
EPI257168	PB1	Japan	2009-Aug-28	A/KAGOSHIMA/56/2009		National Institute of Infectious Diseases (NIID)
EPI257155	PB1	Japan	2009-Jun-06	A/CHIBA/1016/2009		National Institute of Infectious Diseases (NIID)
EPI227933	PB1	United States	2009-Oct-06	A/Colorado/13/2009	Centers for Disease Control and Prevention	Centers for Disease Control and Prevention
EPI227915	PB1	United States	2009-Jun-08	A/Wisconsin/26/2009	City of Milwaukee Health Department	Centers for Disease Control and Prevention
EPI227908	PB1	United States	2009-Oct-23	A/West Virginia/09/2009	Charleston Area Medical Center	Centers for Disease Control and Prevention
EPI227892	PB1	United States	2009-Jun-03	A/Virginia/24/2009	Virginia Division of Consolidated Laboratories	Centers for Disease Control and Prevention
EPI227879	PB1	United States	2009-Aug-25	A/Utah/51/2009	Utah Department of Health	Centers for Disease Control and Prevention
EPI227873	PB1	United States	2009-Jun-03	A/Utah/27/2009	Utah Public Health Laboratory	Centers for Disease Control and Prevention
EPI227868	PB1	United States	2009-Jun-25	A/Utah/22/2009	Utah Public Health Laboratory	Centers for Disease Control and Prevention
EPI227862	PB1	United States	2009-Jun-22	A/Utah/21/2009	Utah Public Health Laboratory	Centers for Disease Control and Prevention
EPI227854	PB1	Mongolia	2009-Oct-19	A/Ulaanbaatar/5974/2009	National Center for Communicable Disease Control and Prevention	Centers for Disease Control and Prevention
EPI227839	PB1	United States	2009-Sep-13	A/Texas/67/2009	Centers for Disease Control and Prevention	Centers for Disease Control and Prevention
EPI231448	PB1	United States	2009-Sep-13	A/Texas/67/2009	Centers for Disease Control and Prevention	Centers for Disease Control and Prevention
EPI227818	PB1	Saudi Arabia	2009-Jul-29	A/Saudi Arabia/4285/2009	Ministry of Health Riyadh	Centers for Disease Control and Prevention
EPI227809	PB1	United States	2009-Oct-27	A/Rhode Island/18/2009	Rhode Island Department of Health	Centers for Disease Control and Prevention
EPI227801	PB1	United States	2009-Jun-13	A/Rhode Island/15/2009	Rhode Island Department of Health	Centers for Disease Control and Prevention
EPI227790	PB1	United States	2009-Jun-19	A/Pennsylvania/13/2009	Pennsylvania Department of Health	Centers for Disease Control and Prevention
EPI227783	PB1	United States	2009-Jun-18	A/Oregon/13/2009	Oregon Public Health Laboratory	Centers for Disease Control and Prevention
EPI227775	PB1	United States	2009-Jun-18	A/Oregon/11/2009	Oregon Public Health Laboratory	Centers for Disease Control and Prevention
EPI227768	PB1	United States	2009-Jun-15	A/Oregon/10/2009	Oregon Public Health Laboratory	Centers for Disease Control and Prevention
EPI227757	PB1	United States	2009-Sep-10	A/North Carolina/37/2009	North Carolina State Laboratory of Health	Centers for Disease Control and Prevention
EPI231490	PB1	United States	2009-Jun-22	A/New York/98/2009	Erie County Medical Center	Centers for Disease Control and Prevention
EPI227721	PB1	United States	2009-Aug-28	A/Minnesota/16/2009	Iowa College of Public Health	Centers for Disease Control and Prevention
EPI227714	PB1	United States	2009-Aug-28	A/Minnesota/15/2009	Iowa College of Public Health	Centers for Disease Control and Prevention
EPI227703	PB1	United States	2009-Jun-03	A/Michigan/10/2009		Centers for Disease Control and Prevention
EPI227700	PB1	United States	2009-Jun-03	A/Michigan/10/2009	Michigan Department of Community Health	Centers for Disease Control and Prevention
EPI251908	PB1	United States	2009-Nov-09	A/Maryland/31/2009	Maryland Department of Health and General Services	Centers for Disease Control and Prevention
EPI227688	PB1	Nicaragua	2009-Aug-25	A/Managua/6502/2009	Laboratorio de Virologia, Direccion General de Salud	Centers for Disease Control and Prevention
EPI239595	PB1	India	2009-Sep-16	A/India/2993/2009	Centers for Disease Control and Prevention	Centers for Disease Control and Prevention
EPI227648	PB1	Costa Rica	2009-Jul-13	A/Costa Rica/3149/2009	Laboratorio Nacional de Influenza	Centers for Disease Control and Prevention
EPI227638	PB1	Chile	2009-Jul-05	A/Chile/1579/2009	Instituto de Salud Publica de Chile	Centers for Disease Control and Prevention

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EPI226598	PB1	Japan	2009-Jan-01	A/SHIMANE/188/2009		National Institute of Infectious Diseases (NIID)
EPI226590	PB1	Japan	2009-Jan-01	A/SHIGA/61/2009		National Institute of Infectious Diseases (NIID)
EPI226582	PB1	Japan	2009-Jan-01	A/Sendai-H/1434/2009		National Institute of Infectious Diseases (NIID)
EPI226574	PB1	Japan	2009-Jan-01	A/NIIGATA/1234/2009		National Institute of Infectious Diseases (NIID)
EPI226566	PB1	Lao, People	2009-Jan-01	A/Laos/JP1413/2009		National Institute of Infectious Diseases (NIID)
EPI226558	PB1	Japan	2009-Oct-16	A/YOKOHAMA/1394/2009		National Institute of Infectious Diseases (NIID)
EPI226550	PB1	Japan	2009-Aug-19	A/YOKOHAMA/1311/2009		National Institute of Infectious Diseases (NIID)
EPI226542	PB1	Japan	2009-Jun-20	A/YOKOHAMA/1017/2009		National Institute of Infectious Diseases (NIID)
EPI226534	PB1	Japan	2009-May-08	A/YOKOHAMA/1000/2009		National Institute of Infectious Diseases (NIID)
EPI226526	PB1	Japan	2009-Jul-23	A/YAMANASHI/260/2009		National Institute of Infectious Diseases (NIID)
EPI226518	PB1	Japan	2009-Aug-18	A/YAMAGUCHI/58/2009		National Institute of Infectious Diseases (NIID)
EPI226510	PB1	Japan	2009-Aug-18	A/YAMAGUCHI/56/2009		National Institute of Infectious Diseases (NIID)
EPI226502	PB1	Japan	2009-Jul-24	A/YAMAGUCHI/52/2009		National Institute of Infectious Diseases (NIID)
EPI226494	PB1	Japan	2009-Sep-17	A/YAMAGUCHI/128/2009	Yamaguchi Prefectural Institute of	National Institute of Infectious Diseases (NIID)
EPI226486	PB1	Japan	2009-Sep-24	A/YAMAGATA/313/2009		National Institute of Infectious Diseases (NIID)
EPI226478	PB1	Japan	2009-Jul-23	A/WAKAYAMA/78/2009		National Institute of Infectious Diseases (NIID)
EPI226470	PB1	Japan	2009-Jul-04	A/WAKAYAMA/54/2009		National Institute of Infectious Diseases (NIID)
EPI226462	PB1	Japan	2009-Jul-23	A/TOCHIGI/154/2009		National Institute of Infectious Diseases (NIID)
EPI226454	PB1	Japan	2009-Jul-27	A/SHIZUOKA/851/2009		National Institute of Infectious Diseases (NIID)
EPI226446	PB1	Japan	2009-Jul-14	A/SHIZUOKA/832/2009		National Institute of Infectious Diseases (NIID)
EPI226438	PB1	Japan	2009-Jun-27	A/SHIZUOKA/826/2009		National Institute of Infectious Diseases (NIID)
EPI226430	PB1	Japan	2009-Oct-21	A/SHIZUOKA/1131/2009		National Institute of Infectious Diseases (NIID)
EPI226422	PB1	Japan	2009-Jul-28	A/SHIMANE/1010/2009		National Institute of Infectious Diseases (NIID)
EPI226414	PB1	Japan	2009-Jul-08	A/SHIMANE/1004/2009		National Institute of Infectious Diseases (NIID)
EPI226406	PB1	Japan	2009-Oct-01	A/SHIGA/45/2009		National Institute of Infectious Diseases (NIID)
EPI226398	PB1	Japan	2009-Aug-11	A/SHIGA/43/2009		National Institute of Infectious Diseases (NIID)
EPI226390	PB1	Japan	2009-Jun-14	A/SAITAMA/63/2009		National Institute of Infectious Diseases (NIID)
EPI226382	PB1	Japan	2009-May-21	A/SAITAMA/43/2009		National Institute of Infectious Diseases (NIID)
EPI226374	PB1	Japan	2009-Aug-28	A/SAITAMA-C/88/2009		National Institute of Infectious Diseases (NIID)
EPI226366	PB1	Japan	2009-Jun-22	A/SAITAMA-C/29/2009		National Institute of Infectious Diseases (NIID)
EPI226358	PB1	Japan	2009-Sep-19	A/SAITAMA-C/131/2009		National Institute of Infectious Diseases (NIID)
EPI226350	PB1	Japan	2009-Aug-23	A/OKINAWA/259/2009		National Institute of Infectious Diseases (NIID)
EPI226342	PB1	Japan	2009-Aug-21	A/OKINAWA/258/2009		National Institute of Infectious Diseases (NIID)
EPI226334	PB1	Japan	2009-Aug-17	A/OKINAWA/257/2009		National Institute of Infectious Diseases (NIID)

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EPI226326	PB1	Japan	2009-Aug-18	A/OKINAWA/256/2009	National Institute of Infectious Diseases (NIID)
EPI226318	PB1	Japan	2009-Aug-14	A/OKINAWA/254/2009	National Institute of Infectious Diseases (NIID)
EPI226310	PB1	Japan	2009-Jul-12	A/OITA/40/2009	National Institute of Infectious Diseases (NIID)
EPI226302	PB1	Japan	2009-Jul-03	A/OITA/37/2009	National Institute of Infectious Diseases (NIID)
EPI226294	PB1	Japan	2009-Jul-16	A/OITA/126/2009	National Institute of Infectious Diseases (NIID)
EPI226286	PB1	Japan	2009-Aug-07	A/NIIGATA/871/2009	National Institute of Infectious Diseases (NIID)
EPI226278	PB1	Japan	2009-Jul-22	A/NIIGATA/805/2009	National Institute of Infectious Diseases (NIID)
EPI226270	PB1	Japan	2009-Oct-02	A/NIIGATA/1176/2009	National Institute of Infectious Diseases (NIID)
EPI226262	PB1	Japan	2009-Sep-24	A/NIIGATA/1141/2009	National Institute of Infectious Diseases (NIID)
EPI226254	PB1	Japan	2009-Aug-17	A/NIIGATA-C/56/2009	National Institute of Infectious Diseases (NIID)
EPI226246	PB1	Japan	2009-Aug-27	A/NAGANO/RC1/2009	National Institute of Infectious Diseases (NIID)
EPI226238	PB1	Japan	2009-Jul-23	A/NAGANO-C/40/2009	National Institute of Infectious Diseases (NIID)
EPI226230	PB1	Japan	2009-Jul-15	A/NAGANO-C/34/2009	National Institute of Infectious Diseases (NIID)
EPI226222	PB1	Mongolia	2009-Oct-15	A/Mongolia/JP5759/2009	National Institute of Infectious Diseases (NIID)
EPI226214	PB1	Mongolia	2009-Oct-14	A/Mongolia/JP5701/2009	National Institute of Infectious Diseases (NIID)
EPI226206	PB1	Mongolia	2009-Oct-14	A/Mongolia/JP5699/2009	National Institute of Infectious Diseases (NIID)
EPI226198	PB1	Mongolia	2009-Oct-14	A/Mongolia/JP5627/2009	National Institute of Infectious Diseases (NIID)
EPI226190	PB1	Mongolia	2009-Oct-13	A/Mongolia/JP5621/2009	National Institute of Infectious Diseases (NIID)
EPI226182	PB1	Mongolia	2009-Oct-13	A/Mongolia/JP5581/2009	National Institute of Infectious Diseases (NIID)
EPI226174	PB1	Japan	2009-Jun-24	A/MIE/32/2009	National Institute of Infectious Diseases (NIID)
EPI226166	PB1	Lao, People	2009-Jul-20	A/Laos/JP1432/2009	National Institute of Infectious Diseases (NIID)
EPI226158	PB1	Lao, People	2009-Jul-19	A/Laos/JP1424/2009	National Institute of Infectious Diseases (NIID)
EPI226150	PB1	Lao, People	2009-Jul-19	A/Laos/JP1422/2009	National Institute of Infectious Diseases (NIID)
EPI226142	PB1	Lao, People	2009-Jul-17	A/Laos/JP1388/2009	National Institute of Infectious Diseases (NIID)
EPI226134	PB1	Lao, People	2009-Jul-17	A/Laos/JP1383/2009	National Institute of Infectious Diseases (NIID)
EPI226126	PB1	Lao, People	2009-Jul-13	A/Laos/JP1375/2009	National Institute of Infectious Diseases (NIID)
EPI226118	PB1	Lao, People	2009-Jul-14	A/Laos/JP1294/2009	National Institute of Infectious Diseases (NIID)
EPI226110	PB1	Lao, People	2009-Jul-14	A/Laos/JP1291/2009	National Institute of Infectious Diseases (NIID)
EPI226102	PB1	Lao, People	2009-Jul-11	A/Laos/JP1252/2009	National Institute of Infectious Diseases (NIID)
EPI226094	PB1	Lao, People	2009-Jul-11	A/Laos/JP1251/2009	National Institute of Infectious Diseases (NIID)
EPI226086	PB1	Lao, People	2009-Jul-10	A/Laos/JP1239/2009	National Institute of Infectious Diseases (NIID)
EPI226078	PB1	Lao, People	2009-Jul-09	A/Laos/JP1157/2009	National Institute of Infectious Diseases (NIID)
EPI226070	PB1	Lao, People	2009-Jul-07	A/Laos/JP1155/2009	National Institute of Infectious Diseases (NIID)
EPI226062	PB1	Lao, People	2009-Jul-03	A/Laos/JP1139/2009	National Institute of Infectious Diseases (NIID)

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EPI226054	PB1	Lao, People	2009-Jul-02	A/Laos/JP1121/2009		National Institute of Infectious Diseases (NIID)
EPI226046	PB1	Lao, People	2009-Jun-22	A/Laos/JP1079/2009		National Institute of Infectious Diseases (NIID)
EPI226038	PB1	Lao, People	2009-Jun-21	A/Laos/JP1074/2009		National Institute of Infectious Diseases (NIID)
EPI226030	PB1	Lao, People	2009-Jun-15	A/Laos/JP1057/2009		National Institute of Infectious Diseases (NIID)
EPI226022	PB1	Japan	2009-Oct-29	A/KUMAMOTO/161/2009		National Institute of Infectious Diseases (NIID)
EPI226014	PB1	Japan	2009-Oct-13	A/KOBE/92359/2009		National Institute of Infectious Diseases (NIID)
EPI226006	PB1	Japan	2009-Aug-18	A/KOBE/91993/2009		National Institute of Infectious Diseases (NIID)
EPI225998	PB1	Japan	2009-Aug-17	A/KOBE/91992/2009		National Institute of Infectious Diseases (NIID)
EPI225990	PB1	Japan	2009-Jul-20	A/KAWASAKI/105/2009		National Institute of Infectious Diseases (NIID)
EPI225982	PB1	Japan	2009-Oct-30	A/IWATE/1086/2009		National Institute of Infectious Diseases (NIID)
EPI225974	PB1	Japan	2009-Sep-29	A/HOKKAIDO/200/2009		National Institute of Infectious Diseases (NIID)
EPI225966	PB1	Japan	2009-Oct-19	A/HIROSHIMA/393/2009		National Institute of Infectious Diseases (NIID)
EPI225958	PB1	Japan	2009-Sep-20	A/HIROSHIMA/316/2009		National Institute of Infectious Diseases (NIID)
EPI225950	PB1	Japan	2009-Sep-01	A/HIROSHIMA/287/2009		National Institute of Infectious Diseases (NIID)
EPI225942	PB1	Japan	2009-Aug-03	A/HIROSHIMA/245/2009		National Institute of Infectious Diseases (NIID)
EPI225934	PB1	Japan	2009-Jul-20	A/HIROSHIMA/239/2009		National Institute of Infectious Diseases (NIID)
EPI225926	PB1	Japan	2009-Jul-16	A/HIROSHIMA-C/242/2009		National Institute of Infectious Diseases (NIID)
EPI225918	PB1	Japan	2009-Aug-29	A/HIMEJI/L1/2009	Himeji City Institute of Environmen	National Institute of Infectious Diseases (NIID)
EPI225910	PB1	Japan	2009-Jul-14	A/GUNMA/82/2009		National Institute of Infectious Diseases (NIID)
EPI225902	PB1	Japan	2009-Jun-24	A/GUNMA/52/2009		National Institute of Infectious Diseases (NIID)
EPI225894	PB1	Japan	2009-Jun-29	A/GIFU-C/65/2009		National Institute of Infectious Diseases (NIID)
EPI225886	PB1	Japan	2009-Sep-27	A/FUKUOKA-C/26/2009		National Institute of Infectious Diseases (NIID)
EPI225878	PB1	Japan	2009-Jul-17	A/FUKUI/73/2009		National Institute of Infectious Diseases (NIID)
EPI225870	PB1	Japan	2009-Jul-04	A/FUKUI/69/2009		National Institute of Infectious Diseases (NIID)
EPI225862	PB1	Japan	2009-Jul-22	A/CHIBA-C/62/2009		National Institute of Infectious Diseases (NIID)
EPI225854	PB1	Japan	2009-Sep-28	A/CHIBA-C/131/2009		National Institute of Infectious Diseases (NIID)
EPI225846	PB1	Japan	2009-Jul-17	A/AICHI/237/2009		National Institute of Infectious Diseases (NIID)
EPI221223	PB1	United State	2009-Sep-01	A/Wisconsin/53/2009	Wisconsin State Laboratory of Hygi	Centers for Disease Control and Prevention
EPI227898	PB1	United State	2009-May-07	A/Washington/51/2009	Centers for Disease Control and Pre	Centers for Disease Control and Prevention
EPI227743	PB1	United State	2009-May-23	A/New York/97/2009	Centers for Disease Control and Pre	Centers for Disease Control and Prevention
EPI227739	PB1	United State	2009-Jan-01	A/New York/96/2009		Centers for Disease Control and Prevention
EPI221042	PB1	Thailand	2009-Sep-11	A/Thailand/2944/2009	Thailand MOPH-U.S. CDC Collabora	Centers for Disease Control and Prevention
EPI221034	PB1	Philippines	2009-Jun-23	A/Philippines/566/2009	Thailand MOPH-U.S. CDC Collabora	Centers for Disease Control and Prevention
EPI221012	PB1	Nepal	2009-Aug-17	A/Nepal/426/2009	Thailand MOPH-U.S. CDC Collabora	Centers for Disease Control and Prevention

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EPI220970	PB1	Bhutan	2009-Aug-26	A/Bhutan/739/2009	Thailand MOPH-U.S. CDC Collabora	Centers for Disease Control and Prevention
EPI217336	PB1	China	2009-Jun-11	A/Tianjin/SWL4/2009		WHO Chinese National Influenza Center
EPI273623	PB1	United State	2009-Sep-27	A/Wisconsin/51/2009	Wisconsin State Laboratory of Hygi	Centers for Disease Control and Prevention
EPI217201	PB1	Uganda	2009-Aug-18	A/Uganda/430/2009	Uganda Virus Research Institute (U	Centers for Disease Control and Prevention
EPI217183	PB1	United State	2009-Oct-10	A/Tennessee/18/2009	Westchester County Department o	Centers for Disease Control and Prevention
EPI217103	PB1	United State	2009-Sep-16	A/South Carolina/18/2009	South Carolina Department of Heal	Centers for Disease Control and Prevention
EPI217061	PB1	United State	2009-Oct-15	A/New York/102/2009	Westchester County Department o	Centers for Disease Control and Prevention
EPI221131	PB1	United State	2009-Oct-04	A/New York/101/2009	Westchester County Department o	Centers for Disease Control and Prevention
EPI217046	PB1	United State	2009-Oct-02	A/New Mexico/08/2009	New Mexico Department of Health	Centers for Disease Control and Prevention
EPI217040	PB1	United State	2009-Oct-18	A/New Mexico/07/2009	New Mexico Department of Health	Centers for Disease Control and Prevention
EPI217033	PB1	United State	2009-Oct-10	A/New Mexico/06/2009	New Mexico Department of Health	Centers for Disease Control and Prevention
EPI221106	PB1	United State	2009-Sep-25	A/Mississippi/03/2009	Mississippi Public Health Laborator	Centers for Disease Control and Prevention
EPI216972	PB1	United State	2009-Sep-15	A/Massachusetts/31/2009	Massachusetts Department of Publ	Centers for Disease Control and Prevention
EPI216955	PB1	Kyrgyzstan	2009-Aug-18	A/Kyrgyzstan/243/2009	National Virology Laboratory, Cent	Centers for Disease Control and Prevention
EPI216947	PB1	Kuwait	2009-May-21	A/Kuwait/4536/2009	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI216927	PB1	United State	2009-Sep-23	A/Kansas/23/2009	Kansas Department of Health and E	Centers for Disease Control and Prevention
EPI216919	PB1	United State	2009-Sep-22	A/Kansas/22/2009	Kansas Department of Health and E	Centers for Disease Control and Prevention
EPI216911	PB1	United State	2009-Sep-16	A/Kansas/21/2009	Kansas Department of Health and E	Centers for Disease Control and Prevention
EPI216903	PB1	United State	2009-Sep-14	A/Kansas/20/2009	Kansas Department of Health and E	Centers for Disease Control and Prevention
EPI216895	PB1	United State	2009-Sep-14	A/Kansas/19/2009	Kansas Department of Health and E	Centers for Disease Control and Prevention
EPI216835	PB1	El Salvador	2009-Jul-16	A/El Salvador/1644/2009	Contiguo a Hospital Rosales	Centers for Disease Control and Prevention
EPI216828	PB1	El Salvador	2009-Jul-14	A/El Salvador/1553/2009	Contiguo a Hospital Rosales	Centers for Disease Control and Prevention
EPI216820	PB1	El Salvador	2009-Jul-14	A/El Salvador/1553/2009	Contiguo a Hospital Rosales	Centers for Disease Control and Prevention
EPI216812	PB1	El Salvador	2009-Jul-09	A/El Salvador/1414/2009	Contiguo a Hospital Rosales	Centers for Disease Control and Prevention
EPI216804	PB1	El Salvador	2009-Jun-30	A/El Salvador/1123/2009	Contiguo a Hospital Rosales	Centers for Disease Control and Prevention
EPI216796	PB1	Egypt	2009-Jun-24	A/Egypt/6194/2009	U.S. Naval Medical Research Unit N	Centers for Disease Control and Prevention
EPI216773	PB1	Costa Rica	2009-Jul-22	A/Costa Rica/4635/2009	Laboratorio Nacional de Influenza	Centers for Disease Control and Prevention
EPI216765	PB1	Costa Rica	2009-Jul-17	A/Costa Rica/3896/2009	Laboratorio Nacional de Influenza	Centers for Disease Control and Prevention
EPI216713	PB1	Argentina	2009-Jun-26	A/Argentina/4623/2009	CEMIC University Hospital	Centers for Disease Control and Prevention
EPI216706	PB1	United State	2009-Sep-11	A/Alaska/38/2009	Alaska State Virology Lab	Centers for Disease Control and Prevention
EPI216690	PB1	China	2009-Jun-02	A/Fujian/SWL11/2009		WHO Chinese National Influenza Center
EPI216682	PB1	China	2009-Jun-02	A/Fujian/SWL10/2009		WHO Chinese National Influenza Center
EPI216674	PB1	China	2009-Jun-02	A/Fujian/SWL9/2009		WHO Chinese National Influenza Center
EPI216666	PB1	China	2009-Jun-02	A/Fujian/SWL8/2009		WHO Chinese National Influenza Center

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EPI216658	PB1	China	2009-Jun-02	A/Fujian/SWL7/2009		WHO Chinese National Influenza Center
EPI216650	PB1	China	2009-May-31	A/Fujian/SWL6/2009		WHO Chinese National Influenza Center
EPI216642	PB1	China	2009-May-30	A/Beijing/SWL5/2009		WHO Chinese National Influenza Center
EPI216634	PB1	China	2009-May-28	A/Guangdong/SWL4/2009		WHO Chinese National Influenza Center
EPI216626	PB1	China	2009-May-28	A/Guangdong/SWL3/2009		WHO Chinese National Influenza Center
EPI216618	PB1	China	2009-May-26	A/Shanghai/SWL3/2009		WHO Chinese National Influenza Center
EPI216610	PB1	China	2009-May-27	A/Shanghai/SWL2/2009		WHO Chinese National Influenza Center
EPI216602	PB1	China	2009-May-30	A/Fujian/SWL5/2009		WHO Chinese National Influenza Center
EPI216591	PB1	China	2009-Jun-22	A/Fujian/SWL4/2009		WHO Chinese National Influenza Center
EPI216583	PB1	China	2009-May-29	A/Fujian/SWL3/2009		WHO Chinese National Influenza Center
EPI216575	PB1	China	2009-May-27	A/Fujian/SWL2/2009		WHO Chinese National Influenza Center
EPI284426	PB1	Australia	2009-May-27	A/BRISBANE/2011/2009	Queensland Health Scientific Service	WHO Collaborating Centre for Reference and Research on Influenza
EPI270021	PB1	Australia	2009-Aug-07	A/PERTH/267/2009	Pathwest QE II Medical Centre	WHO Collaborating Centre for Reference and Research on Influenza
EPI270053	PB1	Australia	2009-Jul-24	A/PERTH/265/2009	Pathwest QE II Medical Centre	WHO Collaborating Centre for Reference and Research on Influenza
EPI215713	PB1	Australia	2009-Jul-12	A/SYDNEY/2503/2009	Royal Prince Alfred Hospital	WHO Collaborating Centre for Reference and Research on Influenza
EPI215698	PB1	Australia	2009-Jun-17	A/VICTORIA/3036/2009	Victorian Infectious Diseases Reference Unit	WHO Collaborating Centre for Reference and Research on Influenza
EPI244245	PB1	China	2009-Jul-16	A/Fujian-Gulou/1896/2009		Centers for Disease Control and Prevention
EPI266833	PB1	China	2009-May-27	A/Fujian-Gulou/1581/2009		Centers for Disease Control and Prevention
EPI266919	PB1	United States	2009-Aug-12	A/Texas/57/2009	Texas Department of State Health Services	Centers for Disease Control and Prevention
EPI221270	PB1	United States	2009-Aug-09	A/Oregon/30/2009	Oregon Public Health Laboratory	Centers for Disease Control and Prevention
EPI211521	PB1	United States	2009-Aug-09	A/Wyoming/08/2009	Wyoming Public Health Laboratory	Centers for Disease Control and Prevention
EPI211502	PB1	United States	2009-Jul-25	A/Utah/20/2009	Utah Department of Health	Centers for Disease Control and Prevention
EPI211494	PB1	United States	2009-Jun-26	A/Texas/48/2009	Texas Department of State Health Services	Centers for Disease Control and Prevention
EPI211457	PB1	United States	2009-May-13	A/Mississippi/01/2009	Mississippi Public Health Laboratory	Centers for Disease Control and Prevention
EPI211444	PB1	United States	2009-Jun-15	A/Massachusetts/16/2009	Massachusetts Department of Public Health	Centers for Disease Control and Prevention
EPI211406	PB1	Chile	2009-Jun-15	A/Chile/6536/2009	Instituto de Salud Publica de Chile	Centers for Disease Control and Prevention
EPI266884	PB1	China	2009-Jul-06	A/Hunan-Changning/52/2009		Centers for Disease Control and Prevention
EPI266879	PB1	China	2009-Jul-10	A/Hong Kong/4508/2009	Government Virus Unit	Centers for Disease Control and Prevention
EPI194269	PB1	Uruguay	2009-Jul-22	A/Uruguay/755/2009	Departamento de Laboratorio de Salud Publica	Centers for Disease Control and Prevention
EPI194253	PB1	Tanzania, United States	2009-Jul-01	A/Tanzania/88/2009		Centers for Disease Control and Prevention
EPI194244	PB1	Seychelles	2009-Jul-02	A/Seychelles/106/2009	CDC-Kenya	Centers for Disease Control and Prevention
EPI194238	PB1	United States	2009-Jul-13	A/Rhode Island/08/2009	Rhode Island Department of Health	Centers for Disease Control and Prevention
EPI194231	PB1	United States	2009-Jul-01	A/Rhode Island/07/2009	Rhode Island Department of Health	Centers for Disease Control and Prevention
EPI194182	PB1	Kenya	2009-Jul-07	A/Kenya/126/2009	CDC-Kenya	Centers for Disease Control and Prevention

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EPI194172	PB1	Iraq	2009-Jun-25	A/Iraq/10249/2009	U.S. Air Force School of Aerospace	Centers for Disease Control and Prevention
EPI194165	PB1	Iraq	2009-Jun-25	A/Iraq/0251/2009	U.S. Air Force School of Aerospace	Centers for Disease Control and Prevention
EPI221088	PB1	United States	2009-Jul-01	A/Indiana/17/2009		Centers for Disease Control and Prevention
EPI194150	PB1	United States	2009-Jul-06	A/Georgia/08/2009	Georgia Public Health Laboratory	Centers for Disease Control and Prevention
EPI194124	PB1	Brazil	2009-Jul-01	A/Brazil/764/2009	National Influenza Center	Centers for Disease Control and Prevention
EPI221046	PB1	Uganda	2009-Jul-01	A/Uganda/07/2009		Centers for Disease Control and Prevention
EPI227859	PB1	United States	2009-Jun-12	A/Utah/06/2009	Utah Public Health Laboratory	Centers for Disease Control and Prevention
EPI191963	PB1	Singapore	2009-Jun-22	A/Singapore/93/2009	Singapore General Hospital	Centers for Disease Control and Prevention
EPI221087	PB1	United States	2009-Jun-13	A/Illinois/07/2009	Illinois Department of Public Health	Centers for Disease Control and Prevention
EPI191956	PB1	Argentina	2009-Jun-17	A/Argentina/7768/2009	Instituto Nacional de Enfermedades	Centers for Disease Control and Prevention
EPI191950	PB1	Honduras	2009-Jun-17	A/Honduras/2039/2009	Laboratorio Nacional de Virologia	Centers for Disease Control and Prevention
EPI191941	PB1	Cote d'Ivoire	2009-Jun-16	A/Cote d'Ivoire/709/2009	Pasteur Institut of Côte d'Ivoire	Centers for Disease Control and Prevention
EPI194286	PB1	United States	2009-Jul-14	A/Washington/29/2009		Centers for Disease Control and Prevention
EPI194283	PB1	United States	2009-Jul-14	A/Washington/28/2009		Centers for Disease Control and Prevention
EPI266914	PB1	United States	2009-Feb-08	A/Texas/38/2009	Texas Childrens Hospital	Centers for Disease Control and Prevention
EPI266929	PB1	United States	2009-Mar-18	A/West Virginia/02/2009	West Virginia Office of Laboratory	Centers for Disease Control and Prevention
EPI266844	PB1	China	2009-Mar-13	A/Guangdong-Zhuangzuyaozuzhi/51	WHO Chinese National Influenza Ce	Centers for Disease Control and Prevention
EPI266904	PB1	China	2009-Mar-23	A/Liaoning-Huanggu/1144/2009	WHO Chinese National Influenza Ce	Centers for Disease Control and Prevention
EPI266894	PB1	United States	2009-May-12	A/Kentucky/08/2009	Kentucky Division of Laboratory Se	Centers for Disease Control and Prevention
EPI189203	PB1	United States	2009-Jun-14	A/Utah/11/2009		Centers for Disease Control and Prevention
EPI189191	PB1	United States	2009-Jun-14	A/Utah/05/2009		Centers for Disease Control and Prevention
EPI189175	PB1	Suriname	2009-Jun-09	A/Surinam/02/2009	National Influenza Center French G	Centers for Disease Control and Prevention
EPI189166	PB1	Singapore	2009-Jun-17	A/Singapore/91/2009	Singapore General Hospital	Centers for Disease Control and Prevention
EPI189125	PB1	Kenya	2009-Jun-26	A/Kenya/18/2009	CDC-Kenya	Centers for Disease Control and Prevention
EPI189115	PB1	Ethiopia	2009-Jun-25	A/Ethiopia/16/2009	CDC-Kenya	Centers for Disease Control and Prevention
EPI189110	PB1	Chile	2009-May-19	A/Chile/8976/2009	Instituto de Salud Publica de Chile	Centers for Disease Control and Prevention
EPI189108	PB1	Chile	2009-May-18	A/Chile/8949/2009	Instituto de Salud Publica de Chile	Centers for Disease Control and Prevention
EPI189105	PB1	Chile	2009-May-17	A/Chile/8945/2009	Instituto de Salud Publica de Chile	Centers for Disease Control and Prevention
EPI189103	PB1	Chile	2009-May-30	A/Chile/867/2009	Instituto de Salud Publica de Chile	Centers for Disease Control and Prevention
EPI189100	PB1	Chile	2009-Jun-01	A/Chile/1175/2009	Instituto de Salud Publica de Chile	Centers for Disease Control and Prevention
EPI189078	PB1	Argentina	2009-Jun-18	A/Argentina/7953/2009	Instituto Nacional de Enfermedades	Centers for Disease Control and Prevention
EPI186498	PB1	United Kingdom	2009-Apr-27	A/England/197/2009		Health Protection Agency (HPA)
EPI186490	PB1	United Kingdom	2009-Apr-27	A/England/196/2009		Health Protection Agency (HPA)
EPI186482	PB1	United Kingdom	2009-Apr-29	A/England/223/2009		Health Protection Agency (HPA)

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EPI186474	PB1	United King	2009-May-02	A/England/221/2009		Health Protection Agency (HPA)
EPI186466	PB1	United King	2009-May-02	A/England/220/2009		Health Protection Agency (HPA)
EPI186458	PB1	United King	2009-May-02	A/England/219/2009		Health Protection Agency (HPA)
EPI186450	PB1	United King	2009-Apr-30	A/England/217/2009		Health Protection Agency (HPA)
EPI186442	PB1	United King	2009-Apr-30	A/England/216/2009		Health Protection Agency (HPA)
EPI186434	PB1	United King	2009-Apr-30	A/England/215/2009		Health Protection Agency (HPA)
EPI186426	PB1	United King	2009-Apr-30	A/England/214/2009		Health Protection Agency (HPA)
EPI186418	PB1	United King	2009-Apr-29	A/England/213/2009		Health Protection Agency (HPA)
EPI186410	PB1	United King	2009-Apr-28	A/England/211/2009		Health Protection Agency (HPA)
EPI186402	PB1	United King	2009-May-02	A/England/201/2009		Health Protection Agency (HPA)
EPI186374	PB1	Taiwan	2009-Jan-01	A/Taiwan/126/2009		Lin-Kou Chang-Gung Memorial Hospital
EPI186372	PB1	Singapore	2009-Jun-01	A/Singapore/ON134/2009	Ministry of Health	National Public Health Laboratory
EPI186369	PB1	Singapore	2009-Jun-05	A/Singapore/ON144/2009	Ministry of Health	National Public Health Laboratory
EPI186352	PB1	Singapore	2009-Jun-06	A/Singapore/ON145/2009	Ministry of Health	National Public Health Laboratory
EPI186279	PB1	Mexico	2009-Apr-20	A/Mexico/4635/2009	Laboratorio de Virus Respiratorio	Centers for Disease Control and Prevention
EPI186272	PB1	Barbados	2009-Jun-17	A/Barbados/5211/2009	Caribbean Epidemiology Center	Centers for Disease Control and Prevention
EPI220979	PB1	British Virgi	2009-Jun-15	A/British Virgin Islands/5437/2009	Caribbean Epidemiology Center	Centers for Disease Control and Prevention
EPI220966	PB1	Bermuda	2009-Jun-03	A/Bermuda/4287/2009	Caribbean Epidemiology Center	Centers for Disease Control and Prevention
EPI221004	PB1	Jamaica	2009-Jun-06	A/Jamaica/4423/2009	Caribbean Epidemiology Center	Centers for Disease Control and Prevention
EPI186264	PB1	Chile	2009-Jun-08	A/Chile/2407/2009	Instituto de Salud Publica de Chile	Centers for Disease Control and Prevention
EPI221005	PB1	Japan	2009-Jan-01	A/Amagasaki/1/2009		Centers for Disease Control and Prevention
EPI221019	PB1	Netherlands	2009-Jan-01	A/Netherlands/604/2009	Erasmus University of Rotterdam	Centers for Disease Control and Prevention
EPI221018	PB1	Netherlands	2009-Jan-01	A/Netherlands/603/2009	Erasmus University of Rotterdam	Centers for Disease Control and Prevention
EPI183298	PB1	Dominican R	2009-Apr-30	A/Dominican Republic/807/2009	Laboratorio de Investigacion / Cent	Centers for Disease Control and Prevention
EPI221025	PB1	Paraguay	2009-May-20	A/Paraguay/09/2009	Central Laboratory of Public Health	Centers for Disease Control and Prevention
EPI243858	PB1	Panama	2009-May-11	A/Panama/302869/2009	Instituto Conmemorativo Gorgas d	Centers for Disease Control and Prevention
EPI220999	PB1	Honduras	2009-May-12	A/Honduras/327/2009	Laboratorio Nacional de Virologia	Centers for Disease Control and Prevention
EPI220993	PB1	El Salvador	2009-May-13	A/El Salvador/351/2009	Contiguo a Hospital Rosales	Centers for Disease Control and Prevention
EPI220989	PB1	Ecuador	2009-May-11	A/Ecuador/752/2009	Instituto Nacional de Higiene y Med	Centers for Disease Control and Prevention
EPI181859	PB1	China	2009-May-27	A/Guangdong/2/2009		WHO Chinese National Influenza Center
EPI220986	PB1	Costa Rica	2009-Apr-28	A/Costa Rica/4314/2009	Laboratorio Nacional de Influenza	Centers for Disease Control and Prevention
EPI181737	PB1	Colombia	2009-May-02	A/Colombia/330/2009	Instituto Nacional de Salud de Colu	Centers for Disease Control and Prevention
EPI181375	PB1	Hong Kong	2009-Apr-30	A/Hong Kong/01/2009	Queen Mary Hospital	State Key Laboratory of Emerging Infectious Diseases
EPI181366	PB1	United King	2009-Apr-30	A/England/200/2009	Health Protection Agency (HPA)	Centre for Infections, Health Protection Agency

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EPI181358	PB1	United King	2009-Apr-30	A/England/207/2009	Health Protection Agency (HPA)	Centre for Infections, Health Protection Agency
EPI186344	PB1	Singapore	2009-May-28	A/Singapore/ON126/2009		National Public Health Laboratory
EPI180635	PB1	China	2009-May-18	A/Guangdong/1/2009		WHO Chinese National Influenza Center
EPI179078	PB1	El Salvador	2009-Apr-26	A/El Salvador/213/2009	Contiguo a Hospital Rosales	Centers for Disease Control and Prevention
EPI291824	PB1	United State	2007-Aug-19	A/Michigan/09/2007	Michigan Department of Communi	Centers for Disease Control and Prevention
EPI291907	PB1	United State	2007-Aug-17	A/Ohio/02/2007	Ohio Department of Health Labora	Centers for Disease Control and Prevention
EPI291859	PB1	United State	2007-Aug-17	A/Ohio/01/2007	Ohio Department of Health Labora	Centers for Disease Control and Prevention
EPI291901	PB1	United State	2005-Dec-08	A/Wisconsin/87/2005	Wisconsin State Laboratory of Hygi	Centers for Disease Control and Prevention
EPI179500	PB1	Germany	2009-Apr-29	A/Regensburg/Germany/02/2009		University of Regensburg
EPI176485	PB1	United State	2009-Apr-01	A/California/04/2009		Centers for Disease Control and Prevention
EPI164769	PB1	Indonesia	2008-Jan-01	A/Indonesia/7272/2008	Ministry of Health, NIHRD	Eijkman Institute for Molecular Biology
EPI164761	PB1	Indonesia	2008-Jan-01	A/Indonesia/7379/2008	Ministry of Health, NIHRD	Eijkman Institute for Molecular Biology
EPI164238	PB1	China	2006-Jan-17	A/Sichuan/2/2006		WHO Chinese National Influenza Center
EPI164214	PB1	Indonesia	2008-May-08	A/Indonesia/8228/2008	Ministry of Health, NIHRD	Eijkman Institute for Molecular Biology
EPI163117	PB1	Indonesia	2008-Jan-16	A/Indonesia/7261/2008	Ministry of Health, NIHRD	Eijkman Institute for Molecular Biology
EPI223121	PB1	Afghanistan	2009-Jan-01	A/chicken/Afghanistan/329-8vir09-AFG-Heart7/2009		Istituto Zooprofilattico Sperimentale Delle Venezia
EPI223113	PB1	Afghanistan	2009-Jan-01	A/chicken/Afghanistan/329-7vir09-AFG-Heart6/2009		Istituto Zooprofilattico Sperimentale Delle Venezia
EPI223105	PB1	Afghanistan	2008-Jan-01	A/chicken/Afghanistan/329-6vir09-AFG-Khost9/2008		Istituto Zooprofilattico Sperimentale Delle Venezia
EPI223097	PB1	Afghanistan	2008-Jan-01	A/chicken/Afghanistan/329-5vir09-AFG-Khost4/2008		Istituto Zooprofilattico Sperimentale Delle Venezia
EPI223089	PB1	Afghanistan	2008-Jan-01	A/chicken/Afghanistan/329-4vir09-AFG-Khost3/2008		Istituto Zooprofilattico Sperimentale Delle Venezia
EPI223081	PB1	Afghanistan	2008-Jan-01	A/chicken/Afghanistan/329-3vir09-AFG-Khost2/2008		Istituto Zooprofilattico Sperimentale Delle Venezia
EPI223073	PB1	Afghanistan	2008-Jan-01	A/chicken/Afghanistan/329-2vir09-AFG-Khost1/2008		Istituto Zooprofilattico Sperimentale Delle Venezia
EPI210063	PB1	Russian Fed	2006-Mar-01	A/chicken/Adygea/203/06	Federal Centre for Animal Health (A	Istituto Zooprofilattico Sperimentale Delle Venezia
EPI210049	PB1	Russian Fed	2006-Mar-01	A/chicken/Krasnodar/199/06	Federal Centre for Animal Health (A	Istituto Zooprofilattico Sperimentale Delle Venezia
EPI210041	PB1	Russian Fed	2007-Dec-01	A/chicken/Rostov/864/07	Federal Centre for Animal Health (A	Istituto Zooprofilattico Sperimentale Delle Venezia
EPI210015	PB1	Russian Fed	2006-Mar-01	A/chicken/Volgograd/236/06	Federal Centre for Animal Health (A	Istituto Zooprofilattico Sperimentale Delle Venezia
EPI210007	PB1	Russian Fed	2007-Sep-01	A/chicken/Krasnodar/776/2007	Federal Centre for Animal Health (A	Istituto Zooprofilattico Sperimentale Delle Venezia
EPI164753	PB1	China	2004-Jan-01	A/Chicken/Anhui/39/2004	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI164737	PB1	China	2004-Jan-01	A/Chicken/Jiangxi/25/2004	Harbin Veterinary Research Institut	Harbin Veterinary Research Institute
EPI160533	PB1	Vietnam	2007-Jul-01	A/chicken/Vietnam/NCVD-74/07		Centers for Disease Control and Prevention
EPI159882	PB1	Egypt	2007-Dec-18	A/chicken/Egypt/1709-8VIR08/2007		Istituto Zooprofilattico Sperimentale Delle Venezia
EPI156803	PB1	Poland	2007-Dec-04	A/chicken/Poland/38-140V08/2007		National Veterinary Research Institute
EPI156770	PB1	Egypt	2007-Jun-01	A/chicken/Egypt/5169-3/2007		Istituto Zooprofilattico Sperimentale Delle Venezia
EPI156762	PB1	Togo	2007-Jan-01	A/chicken/Togo/4106-4/2007		Istituto Zooprofilattico Sperimentale Delle Venezia

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EPI154953	PB1	Egypt	2007-Jan-01	A/chicken/Egitto/2628-1/2007		Istituto Zooprofilattico Sperimentale Delle Venezie
EPI154916	PB1	Egypt	2007-Jan-01	A/chicken/Egypt/1709-2/2008		Istituto Zooprofilattico Sperimentale Delle Venezie
EPI154527	PB1	Saudi Arabia	2007-Jan-01	A/chicken/Saudi Arabia/6732-18/2007		Istituto Zooprofilattico Sperimentale Delle Venezie
EPI154519	PB1	Saudi Arabia	2007-Jan-01	A/chicken/Saudi Arabia/6732-13/2007		Istituto Zooprofilattico Sperimentale Delle Venezie
EPI154503	PB1	Saudi Arabia	2007-Jan-01	A/chicken/Saudi Arabia/6732-4/2007		Istituto Zooprofilattico Sperimentale Delle Venezie
EPI152046	PB1	Egypt	2007-Jan-01	A/chicken/Egypt/5169-2/2007		Istituto Zooprofilattico Sperimentale Delle Venezie
EPI223059	PB1	Hungary	2006-Jan-01	A/duck/Hungary/11804/2006	Central Veterinary Institute Budapest	Veterinary and Agrochemical Research Institute
EPI186398	PB1	Germany	2008-Jan-01	A/duck/Germany/R854/2008		Friedrich-Loeffler-Institut
EPI178541	PB1	Italy	2007-Jan-01	A/Duck/Italy/60772/2007		Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia-Romagna
EPI178534	PB1	Italy	2006-Jan-01	A/Duck/Italy/62330/2006		Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia-Romagna
EPI178499	PB1	Italy	2004-Jan-01	A/Duck/Italy/268302/2004		Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia-Romagna
EPI174781	PB1	Italy	2006-Jan-01	A/duck/Italy/73383/2006		Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia-Romagna
EPI169308	PB1	France	2007-Feb-16	A/duck/France/070090b/2007		AFSSA
EPI169300	PB1	France	2006-Mar-30	A/duck/France/06436/2006		AFSSA
EPI169291	PB1	France	2005-Feb-03	A/duck/France/05057b/2005		AFSSA
EPI164745	PB1	China	2004-Jan-01	A/Duck/Hunnan/70/2004	Harbin Veterinary Research Institute	Harbin Veterinary Research Institute
EPI164200	PB1	Vietnam	2007-Jul-01	A/muscovy duck/Vietnam/NCVD-69/2007		Centers for Disease Control and Prevention
EPI164192	PB1	Vietnam	2007-Jul-01	A/muscovy duck/Vietnam/NCVD-67/2007		Centers for Disease Control and Prevention
EPI164184	PB1	Vietnam	2007-Jul-01	A/muscovy duck/Vietnam/NCVD-66/2007		Centers for Disease Control and Prevention
EPI164176	PB1	Vietnam	2007-Jul-01	A/muscovy duck/Vietnam/NCVD-52/2007		Centers for Disease Control and Prevention
EPI164168	PB1	Vietnam	2007-Jul-01	A/muscovy duck/Vietnam/NCVD-51/2007		Centers for Disease Control and Prevention
EPI164160	PB1	Vietnam	2007-Jul-01	A/muscovy duck/Vietnam/NCVD-47/2007		Centers for Disease Control and Prevention
EPI161704	PB1	Nigeria	2008-Jan-01	A/duck/Nigeria/3724-2/2008		Istituto Zooprofilattico Sperimentale Delle Venezie
EPI160614	PB1	Vietnam	2007-Jul-01	A/duck/Vietnam/NCVD-82/07		Centers for Disease Control and Prevention
EPI160549	PB1	Vietnam	2007-Jul-01	A/duck/Vietnam/NCVD-81/07		Centers for Disease Control and Prevention
EPI160541	PB1	Vietnam	2007-Jul-01	A/duck/Vietnam/NCVD-76/07		Centers for Disease Control and Prevention
EPI160525	PB1	Vietnam	2007-Jul-01	A/duck/Vietnam/NCVD-71/07		Centers for Disease Control and Prevention
EPI160517	PB1	Vietnam	2007-Jul-01	A/duck/Vietnam/NCVD-70/07		Centers for Disease Control and Prevention
EPI160509	PB1	Vietnam	2007-Jul-01	A/duck/Vietnam/NCVD-68/07		Centers for Disease Control and Prevention
EPI160501	PB1	Vietnam	2007-Jul-01	A/duck/Vietnam/NCVD-65/07		Centers for Disease Control and Prevention
EPI160493	PB1	Vietnam	2007-Jul-01	A/duck/Vietnam/NCVD-64/07		Centers for Disease Control and Prevention
EPI160485	PB1	Vietnam	2007-Jul-01	A/duck/Vietnam/NCVD-63/07		Centers for Disease Control and Prevention
EPI160477	PB1	Vietnam	2007-Jul-01	A/duck/Vietnam/NCVD-62/07		Centers for Disease Control and Prevention
EPI160469	PB1	Vietnam	2007-Jul-01	A/duck/Vietnam/NCVD-61/07		Centers for Disease Control and Prevention

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EPI160461	PB1	Vietnam	2007-Jul-01	A/duck/Vietnam/NCVD-60/07		Centers for Disease Control and Prevention
EPI160453	PB1	Vietnam	2007-Jul-01	A/duck/Vietnam/NCVD-59/07		Centers for Disease Control and Prevention
EPI160445	PB1	Vietnam	2007-Jul-01	A/duck/Vietnam/NCVD-58/07		Centers for Disease Control and Prevention
EPI160437	PB1	Vietnam	2007-Jul-01	A/duck/Vietnam/NCVD-57/07		Centers for Disease Control and Prevention
EPI160429	PB1	Vietnam	2007-Jul-01	A/duck/Vietnam/NCVD-56/07		Centers for Disease Control and Prevention
EPI160421	PB1	Vietnam	2007-Jul-01	A/duck/Vietnam/NCVD-55/07		Centers for Disease Control and Prevention
EPI160413	PB1	Vietnam	2007-Jul-01	A/duck/Vietnam/NCVD-54/07		Centers for Disease Control and Prevention
EPI160405	PB1	Vietnam	2007-Jul-01	A/duck/Vietnam/NCVD-53/07		Centers for Disease Control and Prevention
EPI160397	PB1	Vietnam	2007-Jul-01	A/duck/Vietnam/NCVD-50/07		Centers for Disease Control and Prevention
EPI160389	PB1	Vietnam	2007-Jul-01	A/duck/Vietnam/NCVD-49/07		Centers for Disease Control and Prevention
EPI160381	PB1	Vietnam	2007-Jul-01	A/duck/Vietnam/NCVD-48/07		Centers for Disease Control and Prevention
EPI156778	PB1	Egypt	2007-Feb-01	A/duck/Egypt/5169-4/2007		Istituto Zooprofilattico Sperimentale Delle Veneziae
EPI156733	PB1	Egypt	2007-Nov-01	A/duck/Egypt/452-1VIR07/2006		Istituto Zooprofilattico Sperimentale Delle Veneziae
EPI154511	PB1	Saudi Arabia	2007-Jan-01	A/duck/Saudi Arabia/6732-7/2007		Istituto Zooprofilattico Sperimentale Delle Veneziae
EPI211193	PB1	Poland	2009-Feb-16	A/mallard/Poland/41/09	National Veterinary Research Institut	National Veterinary Research Institute
EPI211183	PB1	Poland	2009-Jan-12	A/mallard/Poland/16/09	National Veterinary Research Institut	National Veterinary Research Institute
EPI186396	PB1	Slovenia	2006-Jan-01	A/Anas platyrhynchos/Slovenia/359/2	University of Ljubljana	Friedrich-Loeffler-Institut
EPI180549	PB1	Italy	2005-Jan-01	A/mallard/Italy/119/2005		Istituto Zooprofilattico Sperimentale Delle Veneziae
EPI178558	PB1	Italy	2006-Jan-01	A/Mallard/Italy/46341-12/2006		Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emi
EPI174878	PB1	Denmark	2005-Sep-07	A/mallard/Denmark/77-64849-G2/20	Technical University of Denmark	National Veterinary Institute
EPI174870	PB1	Denmark	2005-Oct-27	A/mallard/Denmark/77-64650-G4/20	Technical University of Denmark	National Veterinary Institute
EPI174863	PB1	Denmark	2005-Sep-19	A/mallard/Denmark/77-64590-5/2005	Technical University of Denmark	National Veterinary Institute
EPI174856	PB1	Denmark	2002-Apr-17	A/mallard/Denmark/74-08216/2002	Technical University of Denmark	National Veterinary Institute
EPI174817	PB1	Denmark	2005-Oct-27	A/mallard/Denmark/77-64650-G10/2	Technical University of Denmark	National Veterinary Institute
EPI169549	PB1	Sweden	2003-Jan-01	A/Mallard/Sweden/S90754/2003	National Veterinary Institute	National Veterinary Institute
EPI211182	PB1	Poland	2007-Dec-28	A/mallard/Poland/01/08	National Veterinary Research Institut	National Veterinary Research Institute
EPI169333	PB1	Belgium	2007-Sep-18	A/Anas platyrhynchos/Belgium/12827/2007		Veterinary and Agrochemical Research Institute
EPI169281	PB1	France	2006-Nov-22	A/duck/France/061054/2006		AFSSA
EPI169273	PB1	France	2006-Nov-08	A/duck/France/06964/2006		AFSSA
EPI174851	PB1	Denmark	2005-Sep-25	A/duck/Denmark/75-65472-P34/2003	Technical University of Denmark	National Veterinary Institute
EPI174844	PB1	Denmark	2003-Sep-25	A/duck/Denmark/75-65472-P31/2003	Technical University of Denmark	National Veterinary Institute
EPI174838	PB1	Denmark	2003-Sep-25	A/duck/Denmark/75-65472-P24/2003	Technical University of Denmark	National Veterinary Institute
EPI174831	PB1	Denmark	2002-Sep-23	A/duck/Denmark/74-68425/2002	Technical University of Denmark	National Veterinary Institute
EPI168465	PB1	Vietnam	2003-Jan-01	A/duck/Vietnam/NCVD1/2003		Centers for Disease Control and Prevention

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EPI168458	PB1	Vietnam	2001-Jan-01	A/duck/Vietnam/68/2001		Centers for Disease Control and Prevention
EPI168451	PB1	Vietnam	2001-Jan-01	A/duck/Vietnam/342/2001		Centers for Disease Control and Prevention
EPI168444	PB1	Vietnam	2001-Jan-01	A/duck/Vietnam/340/2001		Centers for Disease Control and Prevention