

Kim et al. An optimized molecular method for detection of influenza A virus using improved generic primers and concentration of the viral genomic RNA and nucleoprotein complex

Supplementary Table 1. List of matrix gene sequences ($n = 9,103$) used in the current study.

	Strain
1	A/Hong Kong/213/03
2	A/Hanoi/184/2002
3	A/Hanoi/190/2002
4	A/Hanoi/197/2002
5	A/Hanoi/209/2002
6	A/Hanoi/235/2002
7	A/Hanoi/1872/2002
8	A/Hanoi/695/2003
9	A/Hanoi/HN3068/2004
10	A/Hanoi/HN3069/2004
11	A/Hanoi/HN3094/2004
12	A/Hanoi/HN30109/2004
13	A/Hanoi/HN30138/2004
14	A/Hanoi/HN30188/2004
15	A/Hanoi/ND049/2004
16	A/Hanoi/HN30602/2005
17	A/Hanoi/HN30607/2005
18	A/Hanoi/HN30720/2005
19	A/Hanoi/TN388/2005
20	A/Hanoi/TN399/2005
21	A/Hanoi/TN403/2005
22	A/Hanoi/TN406/2005
23	A/Hanoi/TN410/2005
24	A/Hanoi/BG003/2004
25	A/Hanoi/1873/2002
26	A/Hanoi/1892/2002
27	A/Hanoi/1928/2002

28	A/Hanoi/2006/2002
29	A/Hanoi/188/2002
30	A/Hanoi/191/2002
31	A/Hanoi/337/2003
32	A/Hanoi/719/2003
33	A/Hanoi/777/2003
34	A/Hanoi/859/2003
35	A/Hanoi/867/2003
36	A/Hanoi/784b/2003
37	A/Hanoi/902b/2003
38	A/Hanoi/959b/2003
39	A/Hanoi/1004/2003
40	A/Hanoi/Q137/2006
41	A/Hanoi/Q177/2006
42	A/Hanoi/BM344/2006
43	A/Hanoi/BM356/2006
44	A/Hanoi/TX09/2006
45	A/duck/Shiga/8/2004
46	A/Hong Kong/156/97
47	A/Goose/Guangdong/1/96
48	A/Swine/Quebec/192/81
49	A/Swine/Quebec/5393/91
50	A/Teal/Hong Kong/W312/97
51	A/Hong Kong/1073/99
52	A/Hong Kong/481/97
53	A/Hong Kong/482/97
54	A/Hong Kong/483/1997
55	A/Hong Kong/486/97
56	A/Hong Kong/497/97
57	A/Hong Kong/498/97
58	A/Hong Kong/532/1997
59	A/Hong Kong/538/97
60	A/Hong Kong/542/97
61	A/Hong Kong/97/98
62	A/Hong Kong/470/97
63	A/Hong Kong/427/98

64	A/Wisconsin/10/98
65	A/Hong Kong/1143/99
66	A/Hong Kong/1143/99
67	A/Hong Kong/1144/99
68	A/Hong Kong/1144/99
69	A/Hong Kong/1179/99
70	A/Hong Kong/1179/99
71	A/Hong Kong/1180/99
72	A/Hong Kong/1180/99
73	A/Fiji/15899/83
74	A/pheasant/Hong Kong/SH39/99
75	A/quail/Hong Kong/1721-20/99
76	A/quail/Hong Kong/1721-30/99
77	A/quail/Hong Kong/SF550/00
78	A/quail/Hong Kong/SF595/00
79	A/pheasant/Hong Kong/NT261/00
80	A/chukka/Hong Kong/FY295/00
81	A/duck/Hong Kong/3096/99
82	A/duck/Hong Kong/3461/99
83	A/pheasant/Hong Kong/FY294/00
84	A/turkey/Italy/4603/1999
85	A/turkey/Italy/214845/2002
86	A/turkey/Italy/220158/2002
87	A/stone marten/Germany/R747/2006
88	A/wild boar/Germany/WS169/2006
89	A/Chicken/HongKong/NT873.3/01
90	A/Chicken/HongKong/NT873.3/01
91	A/chicken/PA/143586/01
92	A/Duck/PA/143585/01
93	A/Turkey/VA/158512/02
94	A/Netherlands/219/03
95	A/Netherlands/33/03
96	A/chicken/Netherlands/1/03
97	A/swine/Chiai/77-10/2001
98	A/swine/Pingtung/7-12/1999
99	A/duck/China/E319-2/03

100	A/Thailand/1(KAN-1)/2004
101	A/Thailand/2(SP-33)/2004
102	A/chicken/Jilin/9/2004
103	A/chicken/Hubei/327/2004
104	A/swine/Shandong/2/03
105	A/African starling/England-Q/983/1979
106	A/chicken/Hebei/1/2002
107	A/chicken/Guangdong/191/04
108	A/chicken/Guangdong/178/04
109	A/swine/Fujian/F1/2001
110	A/chicken/Hubei/489/2004
111	A/swine/Korea/S10/2004
112	A/swine/Korea/S81/2004
113	A/swine/Korea/S175/2004
114	A/swine/Korea/S190/2004
115	A/swine/Korea/S452/2004
116	A/swine/Korea/S109/2004
117	A/equine/Kentucky/5/02
118	A/duck/Shandong/093/2004
119	A/chicken/Henan/01/2004
120	A/Chicken/Henan/210/2004
121	A/Chicken/Henan/12/2004
122	A/Chicken/Henan/13/2004
123	A/Chicken/Henan/16/2004
124	A/wild duck/Guangdong/314/2004
125	A/swan/Guangxi/307/2004
126	A/New York/113/2002
127	A/New York/121/2002
128	A/New York/146/2000
129	A/New York/115/2002
130	A/New York/173/2000
131	A/Hong Kong/33/1973
132	A/Indonesia/5/2005
133	A/Indonesia/CDC739/2006
134	A/Indonesia/CDC759/2006
135	A/mallard duck/Alberta/331/1985

136	A/mallard/Alberta/27/2001
137	A/mallard/Alberta/267/1996
138	A/blue-winged teal/Alberta/120/1991
139	A/ruddy turnstone/Delaware/76/2000
140	A/shorebird/New Jersey/840/1986
141	A/mallard duck/Astrakhan/263/1982
142	A/duck/Australia/749/80
143	A/gull/Maryland/19/1977
144	A/turkey/Massachusetts/3740/1965
145	A/gull/Maryland/704/1977
146	A/duck/Chabarovsk/1610/1972
147	A/duck/Germany/1215/1973
148	A/duck/Minnesota/1525/81
149	A/duck/Minnesota/1375/1981
150	A/mallard duck/Minnesota/19/1979
151	A/turkey/Minnesota/5/1979
152	A/turkey/Minnesota/836/1980
153	A/turkey/Minnesota/1598/1981
154	A/turkey/Minnesota/12537/1989
155	A/turkey/Minnesota/957/80
156	A/turkey/Minnesota/501/1978
157	A/turkey/Minnesota/1200/1980
158	A/turkey/Minnesota/1/1988
159	A/turkey/Minnesota/1012/1990
160	A/mallard duck/Tennessee/11457/1985
161	A/mallard duck/Tennessee/11464/1985
162	A/chicken/New York/13828-3/1995
163	A/guinea fowl/New York/20221-11/1995
164	A/guinea fowl/New York/13820-3/1995
165	A/mallard duck/New York/6874/1978
166	A/mallard duck/New York/189/1982
167	A/mallard duck/New York/180/1986
168	A/mallard duck/New York/157/1986
169	A/black duck/New York/184/1988
170	A/chicken/New York/14677-13/1998
171	A/duck/New York/16873/1999

172	A/mallard duck/New York/170/1982
173	A/chicken/New York/28263/1989
174	A/mallard duck/New York/66861/1978
175	A/mallard duck/New York/194/1982
176	A/pintail duck/New York/155/1982
177	A/wood duck/New York/60/1982
178	A/mallard duck/New York/90/1982
179	A/mallard duck/New York/174/1982
180	A/mallard duck/New York/6861/1978
181	A/Japan/305/1957
182	A/Canada/rv504/2004
183	A/chicken/Italy/1285/2000
184	A/chicken/Chile/184240-4322/2002
185	A/chicken/Pakistan/34669/1995
186	A/goose/Leipzig/187-7/1979
187	A/chicken/Rostock/45/1934
188	A/starling/Victoria/5156/1985
189	A/chicken/Pennsylvania/1/1983
190	A/turkey/Ireland/1378/1983
191	A/chicken/Queretaro/14588-19/1995
192	A/turkey/Ontario/7732/1966
193	A/chicken/Pennsylvania/1370/1983
194	A/chicken/Italy/312/1997
195	A/turkey/England/50-92/1991
196	A/ruddy turnstone/Delaware/105/1998
197	A/ruddy turnstone/Delaware/34/1993
198	A/ruddy turnstone/Delaware/81/1993
199	A/shorebird/Delaware/224/1997
200	A/arctic tern/Alaska/300/1975
201	A/sabines gull/Alaska/296/1975
202	A/black-legged kittiwake/Alaska/295/1975
203	A/murre/Alaska/305/1976
204	A/Indonesia/CDC938/2006
205	A/Indonesia/CDC938E/2006
206	A/Indonesia/CDC940/2006
207	A/Indonesia/CDC835/2006

208	A/Indonesia/CDC836/2006
209	A/Indonesia/CDC836T/2006
210	A/Indonesia/CDC887/2006
211	A/New York/119/2002
212	A/New York/118/2002
213	A/New York/156/2000
214	A/New York/188/1999
215	A/New York/265/1999
216	A/New York/268/2003
217	A/New York/286/1999
218	A/Indonesia/CDC1031/2007
219	A/Indonesia/CDC1031T/2007
220	A/Indonesia/CDC1031T2/2007
221	A/Indonesia/CDC1031RE2/2007
222	A/Indonesia/CDC1032N/2007
223	A/Indonesia/CDC1032T/2007
224	A/Indonesia/CDC1046/2007
225	A/Indonesia/CDC1046T/2007
226	A/Indonesia/CDC1047/2007
227	A/Indonesia/CDC1047S/2007
228	A/New York/304/1998
229	A/New York/311/1999
230	A/New York/313/1998
231	A/New York/323/1999
232	A/New York/327/1999
233	A/New York/205/2001
234	A/New York/361/2005
235	A/New York/382/2005
236	A/New York/391/2005
237	A/New York/392/2004
238	A/New York/396/2005
239	A/New York/244/2004
240	A/Memphis/66/1986
241	A/Memphis/102/72
242	A/New York/356/2004
243	A/New York/357/2005

244	A/New York/369/2005
245	A/New York/371/2004
246	A/New York/372/2004
247	A/New York/374/2004
248	A/New York/381/2004
249	A/Memphis/24/1995
250	A/New York/98/2004
251	A/New York/347/1999
252	A/New York/398/1999
253	A/New York/266/1999
254	A/New York/209/2003
255	A/New York/300/2003
256	A/New York/334/2004
257	A/New York/353/2004
258	A/New York/373/2005
259	A/New York/281/2001
260	A/New York/358/2004
261	A/New York/380/2004
262	A/New York/234/2000
263	A/New York/319/2004
264	A/mallard/Postdam/178-4/83
265	A/mallard/Postdam/178-4/83
266	A/mallard/Alberta/24/01
267	A/mallard/Alberta/24/01
268	A/blue-winged teal/TX/11/01
269	A/green-winged teal/TX/7/01
270	A/laughing gull/NY/2455/00
271	A/laughing gull/NY/470/00
272	A/pintail/MN/410/99
273	A/pintail/MN/423/99
274	A/wild bird/DE/1185/02
275	A/mallard/Ohio/338/1986
276	A/Chicken/Shenzhen/9/97
277	A/chicken/Fujian/25/00
278	A/Chicken/Guangdong/10/00
279	A/chicken/Guangdong/21/02

280	A/chicken/Guangdong/4/00
281	A/chicken/Guangdong/47/01
282	A/chicken/Guangdong/5/97
283	A/chicken/Guangdong/56/01
284	A/chicken/Guangdong/6/97
285	A/chicken/Guangxi/10/99
286	A/chicken/Guangxi/9/99
287	A/chicken/Hebei/31/00
288	A/chicken/Heilongjiang/35/00
289	A/chicken/Heilongjiang/48/01
290	A/chicken/Henan/26/00
291	A/chicken/Henan/43/02
292	A/chicken/Henan/5/98
293	A/chicken/Jilin/53/01
294	A/chicken/Jiangsu/1/00
295	A/Duck/Nanjing/1/97
296	A/duck/Nanjing/2/97
297	A/chicken/Ningxia/4/99
298	A/Chicken/Shandong/6/96
299	A/chicken/Shandong/7/96
300	A/chicken/Shanghai/10/01
301	A/chicken/Shijiazhuang/2/98
302	A/Chicken/Beijing/8/98
303	A/New York/210/2005
304	A/New York/301/2001
305	A/Christchurch/13/2004
306	A/Christchurch/15/2004
307	A/Christchurch/89/2004
308	A/Christchurch/90/2004
309	A/Christchurch/184/2004
310	A/Ashburton/280/2004
311	A/Christchurch/297/2004
312	A/Christchurch/10/2004
313	A/Christchurch/339/2004
314	A/New York/221/2003
315	A/New York/341/2001

316	A/New York/364/2004
317	A/New York/376/2005
318	A/New York/408/2002
319	A/New York/410/2002
320	A/New York/411/2002
321	A/New York/418/2002
322	A/New York/433/2000
323	A/New York/434/2000
324	A/New York/421/1999
325	A/New York/430/2000
326	A/New York/439/2000
327	A/New York/443/2001
328	A/Hong Kong/46/1980
329	A/Hong Kong/24/1985
330	A/Hong Kong/7/1985
331	A/Hong Kong/7/1987
332	A/Hong Kong/6/1972
333	A/New York/449/1999
334	A/New York/450/1999
335	A/New York/451/1999
336	A/New York/456/1999
337	A/New York/457/1999
338	A/New York/471/2004
339	A/New York/485/2003
340	A/New York/420/2002
341	A/mallard/Alberta/77/1977
342	A/pintail/Alberta/293/1977
343	A/laughing gull/NJ/75/1985
344	A/mallard duck/ALB/884/1984
345	A/mallard duck/ALB/376/1985
346	A/sanderling/NJ/766/1986
347	A/herring gull/DE/475/1986
348	A/herring gull/Delaware/670/1988
349	A/herring gull/DE/698/1988
350	A/herring gull/DE/703/1988
351	A/laughing gull/NJ/798/1986

352	A/mallard duck/Alberta/323/1988
353	A/mallard duck/ALB/353/1988
354	A/mallard/ALB/201/1996
355	A/mallard/Alberta/202/1996
356	A/blue-winged teal/ALB/16/1997
357	A/mallard/ALB/205/1998
358	A/mallard/ALB/226/1998
359	A/mallard/Alberta/149/2002
360	A/mallard/Alberta/79/2003
361	A/mallard duck/ALB/250/1978
362	A/blue-winged teal/ALB/368/1978
363	A/blue-winged teal/ALB/48/1978
364	A/mallard duck/ALB/280/1978
365	A/mallard duck/ALB/290/1978
366	A/pintail duck/ALB/133/1978
367	A/pintail duck/ALB/367/1978
368	A/mallard duck/ALB/761/1978
369	A/pintail duck/ALB/647/1978
370	A/mallard duck/Alberta/205/1978
371	A/pintail duck/ALB/1040/1979
372	A/pintail duck/ALB/1045/1979
373	A/mallard duck/ALB/1081/1979
374	A/pintail duck/ALB/1343/1979
375	A/knot/DE/526/1988
376	A/laughing gull/NJ/276/1989
377	A/mallard duck/ALB/564/1979
378	A/pintail duck/ALB/628/1979
379	A/mallard duck/ALB/676/1979
380	A/mallard duck/ALB/1151/1979
381	A/pintail duck/ALB/1298/1979
382	A/mallard duck/ALB/730/1981
383	A/pintail duck/ALB/189/1982
384	A/widgeon/ALB/256/1982
385	A/blue-winged teal/ALB/266/1982
386	A/mallard duck/ALB/289/1982
387	A/blue-winged teal/ALB/685/1982

388	A/mallard duck/ALB/10/1985
389	A/blue-winged teal/ALB/69/1985
390	A/mallard duck/ALB/76/1985
391	A/pintail duck/ALB/111/1985
392	A/shoveler/ALB/114/1985
393	A/mallard duck/ALB/155/1990
394	A/mallard duck/ALB/191/1990
395	A/mallard duck/ALB/253/1990
396	A/mallard/ALB/199/1992
397	A/pintail/ALB/179/1993
398	A/mallard/ALB/206/1996
399	A/mallard/Alberta/154/2003
400	A/shorebird/DE/12/2004
401	A/mallard duck/ALB/65/1976
402	A/mallard/Alberta/130/2003
403	A/mallard duck/ALB/31/1976
404	A/pintail/Alberta/166/2003
405	A/mallard duck/ALB/20/1976
406	A/mallard/Alberta/254/2003
407	A/mallard duck/ALB/57/1976
408	A/mallard duck/ALB/48/1976
409	A/mallard duck/ALB/396/1983
410	A/pintail/Alberta/49/2003
411	A/pintail duck/ALB/303/1977
412	A/mallard/Alberta/209/2003
413	A/mallard duck/ALB/294/1977
414	A/mallard/Alberta/245/2003
415	A/mallard duck/ALB/60/1976
416	A/mallard/Alberta/52/1997
417	A/herring gull/New Jersey/780/86
418	A/ruddy turnstone/NJ/49/1985
419	A/herring gull/NJ/402/1989
420	A/shorebird/DE/101/2004
421	A/ruddy turnstone/NJ/65/1985
422	A/knot/DE/2552/1987
423	A/laughing gull/DE/5/2003

424	A/red knot/Delaware/2561/87
425	A/shorebird/DE/10/2004
426	A/ruddy turnstone/NJ/51/1985
427	A/shorebird/DE/68/2004
428	A/herring gull/NJ/782/1986
429	A/mallard duck/ALB/42/1977
430	A/mallard duck/ALB/46/1977
431	A/pintail duck/ALB/219/1977
432	A/pintail duck/ALB/238/1979
433	A/mallard duck/ALB/965/1979
434	A/pintail duck/ALB/631/1981
435	A/mallard/ALB/201/1998
436	A/coot/ALB/134/1987
437	A/mallard duck/ALB/294/1987
438	A/mallard duck/ALB/322/1988
439	A/blue-winged teal/Alberta/141/1992
440	A/pintail duck/Alberta/210/2002
441	A/herring gull/DE/692/1988
442	A/herring gull/Delaware/712/1988
443	A/ruddy turnstone/DE/773/1988
444	A/mallard duck/ALB/25/1976
445	A/pintail duck/ALB/86/1976
446	A/canvasback duck/ALB/102/1976
447	A/blue-winged teal/ALB/286/1977
448	A/mallard duck/ALB/127/1977
449	A/mallard duck/ALB/712/1978
450	A/green-winged teal/ALB/438/1979
451	A/pintail duck/ALB/462/1979
452	A/mallard duck/ALB/663/1979
453	A/mallard duck/ALB/1012/1979
454	A/blue-winged teal/ALB/452/1983
455	A/mallard duck/ALB/506/1983
456	A/mallard duck/ALB/635/1983
457	A/mallard duck/Alberta/438/1985
458	A/mallard duck/ALB/525/1985
459	A/blue-winged teal/ALB/569/1985

460	A/mallard/ALB/394/1988
461	A/mallard/Alberta/129/1991
462	A/mallard/ALB/118/1995
463	A/mallard/Alberta/31/2001
464	A/mallard/Alberta/156/2001
465	A/mallard duck/ALB/26/1976
466	A/canvasback duck/ALB/274/1977
467	A/gadwall duck/ALB/53/1977
468	A/redhead duck/ALB/74/1977
469	A/blue-winged teal/ALB/243/1977
470	A/mallard/Alberta/300/1977
471	A/mallard duck/ALB/210/1977
472	A/pintail duck/ALB/159/1977
473	A/mallard duck/ALB/161/1977
474	A/pintail duck/ALB/220/1977
475	A/mallard duck/ALB/354/1978
476	A/mallard duck/ALB/106/1979
477	A/blue-winged teal/ALB/580/1979
478	A/pintail duck/ALB/599/1979
479	A/mallard duck/ALB/581/1983
480	A/ruddy turnstone/NJ/47/1985
481	A/laughing gull/NJ/72/1985
482	A/mallard duck/ALB/630/1984
483	A/mallard duck/ALB/25/1985
484	A/redhead duck/ALB/116/1985
485	A/blue-winged teal/ALB/562/1985
486	A/pintail duck/ALB/623/1985
487	A/ruddy turnstone/DE/512/1988
488	A/knot/DE/541/1988
489	A/herring gull/DE/665/1988
490	A/ruddy turnstone/DE/2368/1988
491	A/blue-winged teal/ALB/67/1990
492	A/blue-winged teal/ALB/136/1990
493	A/blue-winged teal/ALB/293/1994
494	A/mallard/ALB/49/1995
495	A/pintail/ALB/275/1996

496	A/mallard/ALB/47/1998
497	A/pintail/Alberta/207/1999
498	A/mallard/Alberta/30/2001
499	A/pintail/Alberta/269/2001
500	A/blue-winged teal/Alberta/293/2003
501	A/mallard duck/ALB/291/1977
502	A/mallard duck/Alberta/645/1980
503	A/shorebird/DE/75/2004
504	A/mallard/Alberta/283/1977
505	A/pintail duck/Alberta/114/1979
506	A/blue-winged teal/ALB/39/1982
507	A/mallard duck/Alberta/7/1987
508	A/mallard/Alberta/194/1992
509	A/mallard duck/ALB/224/1977
510	A/blue-winged teal/ALB/295/1977
511	A/widgeon/Alberta/284/1977
512	A/gadwall duck/Alberta/291/1977
513	A/pintail duck/Alberta/121/1979
514	A/pintail duck/ALB/169/1980
515	A/green-winged teal/ALB/228/1985
516	A/mallard duck/Alberta/435/1985
517	A/laughing gull/DE/2838/1987
518	A/ruddy turnstone/DE/2378/1988
519	A/red knot/NJ/325/1989
520	A/pintail/Alberta/129/1993
521	A/mallard/Alberta/34/2001
522	A/mallard duck/ALB/743/1983
523	A/mallard duck/ALB/98/1985
524	A/ruddy turnstone/DE/2576/1987
525	A/laughing gull/Delaware/2718/1987
526	A/ruddy turnstone/DE/2731/1987
527	A/ruddy turnstone/DE/510/1988
528	A/mallard duck/ALB/321/1988
529	A/mallard/Alberta/11/1991
530	A/mallard/ALB/17/1991
531	A/shorebird/DE/66/2003

532	A/shorebird/DE/286/2003
533	A/mallard duck/ALB/302/1977
534	A/blue-winged teal/ALB/778/1978
535	A/mallard duck/ALB/742/1981
536	A/mallard duck/ALB/40/1984
537	A/pintail duck/ALB/584/1984
538	A/redhead duck/ALB/767/1984
539	A/ruddy turnstone/DE/2764/1987
540	A/mallard/ALB/5/1995
541	A/mallard/ALB/196/1996
542	A/pintail/Alberta/202/2000
543	A/mallard/Alberta/208/2000
544	A/shorebird/DE/122/2004
545	A/redhead duck/Alberta/357/1983
546	A/mallard duck/ALB/797/1983
547	A/ruddy turnstone/Delaware/2589/1987
548	A/ruddy turnstone/Delaware/2762/1987
549	A/ruddy turnstone/DE/637/1988
550	A/ruddy turnstone/NJ/842/1989
551	A/mallard/ALB/124/1991
552	A/mallard/ALB/126/1991
553	A/mallard/Alberta/125/1999
554	A/pintail/Alberta/84/2000
555	A/shorebird/DE/236/2003
556	A/pintail duck/Alberta/306/1983
557	A/mallard duck/Alberta/342/1983
558	A/green-winged teal/ALB/199/1991
559	A/laughing gull/Delaware/94/2000
560	A/ruddy turnstone/DE/97/2000
561	A/herring gull/Delaware/471/1986
562	A/laughing gull/DE/554/1988
563	A/mallard duck/AST/244/1982
564	A/wedge-tailed shearwater/Western Australia/2576/1979
565	A/semi-palmated sandpiper/Brazil/43/1990
566	A/sanderling/Delaware/1258/1986
567	A/Quail/Nanchang/12-340/2000

568	A/Duck/Nanchang/2-0486/2000
569	A/Duck/Nanchang/4-184/2000
570	A/Chicken/Nanchang/3-120/2001
571	A/Chicken/Nanchang/7-010/2000
572	A/Quail/Nanchang/7-026/2000
573	A/Duck/Nanchang/8-174/2000
574	A/duck/Nanchang/1681/1992
575	A/Duck/Nanchang/4-165/2000
576	A/duck/Nanchang/1904/1992
577	A/Quail/Nanchang/2-0460/2000
578	A/Pigeon/Nanchang/2-0461/2000
579	A/Wild Duck/Nanchang/2-0480/2000
580	A/Chicken/Nanchang/4-301/2001
581	A/duck/Nanchang/4-361/2001
582	A/duck/Nanchang/1749/1992
583	A/duck/Hong Kong/319/1978
584	A/duck/Hong Kong/278/1978
585	A/duck/Hong Kong/7/1975
586	A/goose/HK/10/1976
587	A/duck/HK/231/1977
588	A/duck/Hong Kong/365/1978
589	A/duck/Hong Kong/342/1978
590	A/goose/Hong Kong/23/1978
591	A/duck/Hong Kong/205/77
592	A/duck/Hong Kong/d73/1976
593	A/chicken/Hong Kong/17/1977
594	A/duck/Hong Kong/d134/1977
595	A/duck/Hong Kong/293/1978
596	A/duck/Hong Kong/24/1976
597	A/duck/Hong Kong/784/1979
598	A/duck/Hong Kong/147/77
599	A/duck/Hong Kong/562/1979
600	A/black duck/AUS/751/1978
601	A/gray teal/Australia/1/1979
602	A/grey teal/Australia/2/1979
603	A/gray teal/Australia/3/1979

604	A/black duck/AUS/4045/1980
605	A/red-necked stint/Australia/4189/1980
606	A/red-necked stint/Australia/4500/1980
607	A/red-necked stint/Australia/5745/1981
608	A/sooty tern/Western Australia/2190/1983
609	A/wedge-tailed shearwater/Western Australia/2327/1983
610	A/duck/New Zealand/31/76
611	A/duck/New Zealand/164/76
612	A/duck/NZL/76/1984
613	A/duck/New Zealand/78/1984
614	A/duck/New Zealand/38/1984
615	A/duck/NZL/41/1984
616	A/mallard/Potsdam/177-4/1983
617	A/duck/Potsdam/2216-4/1984
618	A/duck/Potsdam/1402-6/1986
619	A/turkey/Italy/3620/1999
620	A/turkey/Italy/4169/99
621	A/quail/Italy/1117/1965
622	A/equine/Prague/1/1956
623	A/duck/Ukraine/1/1963
624	A/shearwater/Australia/1/1973
625	A/chicken/Hidalgo/28159-232/1994
626	A/chicken/Chiapas/15224/97
627	A/mallard/Netherlands/12/00
628	A/shoveler/Netherlands/19/1999
629	A/gull/Minnesota/945/1980
630	A/pigeon/MN/1407/1981
631	A/goose/MN/5733-1/1980
632	A/blue-winged teal/MN/993/1980
633	A/pheasant/Minnesota/917/1980
634	A/duck/Minnesota/1516/1981
635	A/domestic duck/Minnesota/1086/1980
636	A/Beijing/39/75
637	A/Hong Kong/1/1982
638	A/New York/452/1999
639	A/New York/461/2005

640	A/New York/465/2005
641	A/New York/206/2005
642	A/New York/238/2005
643	A/New York/243/2005
644	A/New York/258/2005
645	A/New York/462/2005
646	A/Hong Kong/3/1969
647	A/New York/466/2004
648	A/New York/344/2001
649	A/New York/309/2001
650	A/New York/460/1999
651	A/Hong Kong/49/1974
652	A/Beijing/1/68
653	A/Moscow/328/2003
654	A/Moscow/328/2003
655	A/Moscow/328/2003
656	A/equine/Massachusetts/213/2003
657	A/equine/Ohio/1/2003
658	A/swine/Zhejiang/1/2004
659	A/Taiwan/117/1996
660	A/Taiwan/2332/2001
661	A/Taiwan/2984/2002
662	A/Taiwan/31001/2004
663	A/duck/Viet Nam/1/2005
664	A/goose/Vietnam/3/05
665	A/duck/Vietnam/8/05
666	A/chicken/Guangxi/12/2004
667	A/duck/Guangxi/13/2004
668	A/duck/Taiwan/0526/72
669	A/chicken/Taiwan/G2/87
670	A/chicken/Taiwan/G23/87
671	A/chicken/Taiwan/0824/97
672	A/chicken/Taiwan/na3/98
673	A/chicken/Taiwan/0705/99
674	A/chicken/Taiwan/ns2/99
675	A/partridge/Taiwan/LU1/99

676	A/chicken/Taiwan/165/99
677	A/duck/Taiwan/WB29/99
678	A/chicken/Taiwan/SP1/00
679	A/duck/Taiwan/29-3/00
680	A/chicken/Taiwan/1205/01
681	A/chicken/Taiwan/1212/01
682	A/chicken/Taiwan/1215/01
683	A/chicken/Taiwan/0329/01
684	A/chicken/Taiwan/0107/02
685	A/chicken/Taiwan/0208/02
686	A/chicken/Taiwan/0222/02
687	A/chicken/Taiwan/0320/02
688	A/chicken/Taiwan/0408/02
689	A/chicken/Taiwan/PF1/02
690	A/chicken/Taiwan/PF2/02
691	A/chicken/Taiwan/PF3/02
692	A/chicken/Taiwan/A37/02
693	A/chicken/Taiwan/0706/03
694	A/chicken/Taiwan/1203/03
695	A/duck/Taiwan/WB239/03
696	A/duck/Taiwan/A68/03
697	A/chicken/Taiwan/0305/04
698	A/duck/Kingmen/E322/04
699	A/chicken/Taiwan/ch1006/04
700	A/duck/Taiwan/WB459/04
701	A/chicken/Taiwan/0204/05
702	A/chicken/Taiwan/A342/05
703	A/swan/Germany/R65/2006
704	A/duck/Hubei/W1/2004
705	A/mallard/Xuyi/8/2004
706	A/chicken/China/Guangxi1/2000
707	A/chicken/China/Guangxi17/2000
708	A/Moscow/10/99
709	A/Panama/2007/1999
710	A/chicken/NSW/1/1997
711	A/cat/Germany/606/2006/

712	A/China/GD01/2006
713	A/Panama/2007/1999
714	A/chicken/Shanxi/2/2006
715	A/mallard/BC/373/2005
716	A/chicken/Jiangsu/cz1/2002
717	A/chicken/Suzdalka/06/05
718	A/chicken/Omsk/14/05
719	A/goose/Suzdalka/10/05
720	A/goose/Krasnoozerskoe/627/05
721	A/turkey/Suzdalka/12/05
722	A/chicken/Krasnodar/123/06
723	A/chicken/Tula/4/05
724	A/mallard/Manitoba/458/2005
725	A/mallard/ON/499/2005
726	A/chicken/India/NIV33487/06
727	A/chicken/India/NIV33491/06
728	A/Puerto Rico/8/34
729	A/spotbill duck/Xuyi/6/2005
730	A/Baikal Teal/Hongze/14/2005
731	A/Thailand/Prachinburi/6231/2004
732	A/Thailand/SP83/2004
733	A/Thailand/Kan353/2004
734	A/Thailand/Chaiyaphum/622/2004
735	A/chicken/Viet Nam/1/2004
736	A/chicken/Laos/7191/2004
737	A/Beijing/01/2003
738	A/swine/Guangxi/58/2005
739	A/Korea/KBNP-0028/2000
740	A/duck/Hunan/15/2004
741	A/chicken/Hubei/14/2004
742	A/swine/Tianjin/01/04
743	A/swine/Henan/01/06
744	A/swine/Guangxi/13/2006
745	A/chicken/Guangxi/4/1999
746	A/chicken/Guangxi/37/2005
747	A/duck/Guangxi/51/2005

748	A/chicken/Guangxi/6/2000
749	A/bird/Guangxi/62/2005
750	A/chicken/Guangxi/55/2005
751	A/bird/Guangxi/63/2005
752	A/bird/Guangxi/82/2005
753	A/bird/Guangxi/83/2005
754	A/quail/Guangxi/B1/2006
755	A/bird/Guangxi/A1/2006
756	A/swine/Guangxi/FS2/2005
757	A/bird/Guangxi/H1/2006
758	A/swine/Guangxi/S11/2005
759	A/swine/Guangxi/S15/2005
760	A/Wisconsin/67/2005
761	A/Arizona/1/2006
762	A/Colorado/1/2006
763	A/Kentucky/2/2006
764	A/Kentucky/3/2006
765	A/Maryland/1/2006
766	A/Missouri/3/2006
767	A/New Jersey/3/2006
768	A/Pennsylvania/2/2006
769	A/Tennessee/5/2005
770	A/Texas/14/2006
771	A/Virginia/1/2006
772	A/Swine/Shandong/3/2005/
773	A/chicken/Korea/IS2/2006
774	A/chicken/Korea/CA7/2006
775	A/chicken/Korea/IS3/2006
776	A/duck/Korea/Asan5/2006
777	A/duck/Korea/Asan6/2006
778	A/quail/Korea/KJ4/2006
779	A/environment/Korea/W149/2006
780	A/environment/Korea/W150/2006
781	A/swine/Heilongjiang/1/05
782	A/swine/Guangdong/164/06
783	A/swine/Guangdong/165/06

784	A/swine/Guangdong/166/06
785	A/wild duck/Hunan/021/2005
786	A/wild duck/Hunan/211/2005
787	A/chicken/Hubei/C1/2007
788	A/Bangkok/1/1979
789	A/Guangdong/39/89
790	A/Guangdong/39/89
791	A/Ann Arbor/6/60
792	A/swine/Iowa/15/30
793	A/Aichi/2/1968
794	A/Memphis/8/1988
795	A/swine/Wisconsin/1/61
796	A/swine/Ontario/2/1981
797	A/Wisconsin/3523/1988
798	A/swine/Iowa/17672/88
799	A/swine/Hong Kong/127/82
800	A/swine/Netherlands/12/1985
801	A/turkey/Minnesota/166/81
802	A/equine/Tennessee/5/1986
803	A/gull/Maryland/1815/1979
804	A/Korea/426/68
805	A/swine/Tennessee/24/1977
806	A/equine/Prague/1/1956
807	A/swine/Iowa/15/30
808	A/budgerigar/Hokkaido/1/1977
809	A/gull/Massachusetts/26/1980
810	A/gull/Maryland/1824/1978
811	A/equine/Kentucky/2/1986
812	A/equine/Jilin/1/1989
813	A/Leningrad/134/1957
814	A/WI/4754/1994
815	A/WI/4755/1994
816	A/nt/60/1968
817	A/duck/Guangxi/12/2003
818	A/duck/Guangxi/27/2003
819	A/swine/Jiangxi/1/2004

820	A/swine/Jiangxi/wx2/2004
821	A/equine/Cornell/16/74
822	A/chicken/China/Guangxi14/2000
823	A/Hiroshima/52/2005
824	A/Duck/Hong Kong/702/79
825	A/New Caledonia/20/1999
826	A/Christchurch/19/2006
827	A/Sri Lanka/23/2007
828	A/Taiwan/834/2007
829	A/Lyon/1381/2007
830	A/northern shoveler/California/HKWF1005/2007
831	A/gadwall/California/HKWF100/2007
832	A/northern shoveler/California/HKWF1201/2007
833	A/northern shoveler/California/HKWF1370/2007
834	A/northern shoveler/California/HKWF268/2007
835	A/northern shoveler/California/HKWF383/2007
836	A/northern pintail/California/HKWF792/2007
837	A/northern shoveler/California/HKWF979/2007
838	A/northern shoveler/California/HKWF115/2007
839	A/bufflehead/California/HKWF205/2007
840	A/northern shoveler/California/HKWF611/2007
841	A/chicken/Zibo/B1/2008
842	A/chicken/Shandong/L1/2007
843	A/chicken/Henan/L1/2008
844	A/chicken/Henan/L2/2008
845	A/chicken/Henan/L3/2008
846	A/pintail/Barrow/38/2005
847	A/dunlin/Barrow/65/2005
848	A/pintail/Barrow/155/2005
849	A/Venezuela/4537/2006
850	A/turkey/KS/4880/1980
851	A/AnhuiBaohe/53/2006
852	A/Beijingxuanwu/38/2006
853	A/Brazil/938/2006
854	A/Canada/797/2006
855	A/Chelyabinsk/01/2006

856	A/Cheonbuk/102/2006
857	A/Chita/04/2006
858	A/Chongqing/928/2005
859	A/Concepcion/7195/2006
860	A/Daejeon/248/2006
861	A/Gyongbuk/337/2006
862	A/Hong Kong/29/2006
863	A/Hong Kong/31/2006
864	A/Hong Kong/456/2006
865	A/Hubei/Maojian11/2006
866	A/Jeju/244/2006
867	A/Jiangxi/680/2005
868	A/Korea/228/2006
869	A/New Caledonia/09/2004
870	A/New Caledonia/20/1999
871	A/OMSK/32/2004
872	A/Samara/128/2006
873	A/Shenzhen/168/2005
874	A/Shenzhen/86/2005
875	A/Singapore/14/2004
876	A/St Petersburg/08/2006
877	A/Taiwan/1571/2004
878	A/Taiwan/161/2006
879	A/Taiwan/162/2006
880	A/Taiwan/47/2006
881	A/Taiwan/604/2005
882	A/Thailand/3254/2006
883	A/Tianjin/452/2005
884	A/Tianjinnankai/09/2006
885	A/Ukraine/633/2006
886	A/Uruguay/9082/2005
887	A/Wuhan/08/2006
888	A/Wuhan/293/2005
889	A/Wuhan/396/2001
890	A/Yunnan/477/2005
891	A/Zhejianghaishu/14/2006

892	A/green-winged teal/LA/169GW/1988
893	A/blue winged teal/LA/B228/1986
894	A/chicken/NJ/294508-12/2004
895	A/goose/OH/22911-2/1986
896	A/chicken/FL/90348-4/2001
897	A/duck/LA/17G/1987
898	A/northern shoveler/California/HKWF1021/2007
899	A/northern shoveler/California/HKWF1046/2007
900	A/northern shoveler/California/HKWF1128/2007
901	A/northern shoveler/California/HKWF1131/2007
902	A/northern shoveler/California/HKWF1199/2007
903	A/northern shoveler/California/HKWF1367/2007
904	A/mallard/California/HKWF1971/2007
905	A/chicken/Zibo/L2/2008
906	A/swine/Sichuan/01/2006
907	A/northern shoveler/California/HKWF1325/2007
908	A/cinnamon teal/California/HKWF1111/2007
909	A/northern shoveler/California/HKWF592/2007
910	A/northern shoveler/California/HKWF848/2007
911	A/swine/Guangxi/17/2005
912	A/chicken/Hebei/B1/2001
913	A/chicken/Beijing/L1/2005
914	A/chicken/Henan/L1/2002
915	A/chicken/Jiangsu/L1/2004
916	A/chicken/Shandong/B4/2007
917	A/chicken/Tianjin/B1/2004
918	A/chicken/Jiangsu/L2/2005
919	A/chicken/Hebei/L1/2006
920	A/American black duck/NB/2538/2007
921	A/chicken/SK/HR-00011/2007
922	A/guinea fowl/OH/22911-20/1986
923	A/mallard/MN/14/1998
924	A/mallard/MN/1/2000
925	A/least sandpiper/South Central Alaska/1/2007
926	A/mallard/Interior Alaska/1/2007
927	A/northern pintail/California/HKWF151/2007

928	A/northern shoveler/California/HKWF216/2007
929	A/turkey/Minnesota/366767/2005
930	A/turkey/North Carolina/353568/2005
931	A/least sandpiper/South Central Alaska/4/2007
932	A/northern pintail/Interior Alaska/1/2007
933	A/green-winged teal/Interior Alaska/1/2007
934	A/Fowl/Hampshire/PD378/1985
935	A/chicken/Germany/N/1949
936	A/ruddy turnstone/NJ/631/2002
937	A/chicken/Poland/R3248/2007
938	A/turkey/Poland/R3249/2007
939	A/chicken/Germany/R3272/2007
940	A/chicken/Germany/R3294/2007
941	A/chicken/Germany/R3234/2007
942	A/Mergus albellus/Slovakia/Vh212/2006
943	A/Peregrine falcon/Slovakia/Vh242/2006
944	A/cygnus olor/Slovenia/156/06
945	A/Ardea cinerea/Slovenia/185/06
946	A/Anas platyrhynchos/Slovenia/359/2006
947	A/Anas acuta/Slovenia/470/06
948	A/teal/Germany/WV632/2005
949	A/whooper swan/Germany/R88/06
950	A/mute swan/Germany/R1349/07
951	A/mute swan/Germany/R1359/07
952	A/black-necked grebe/Germany/R1393/07
953	A/domestic goose/Germany/R1400/07
954	A/domestic duck/Germany/R1772/2007
955	A/domestic duck/Germany/R1779/2007
956	A/domestic duck/Germany/R2048/2007
957	A/swine/Germany/Vi3161/95
958	A/swine/Germany/Vi5698/1995
959	A/swine/Germany/SEC27/97
960	A/swine/Germany/SEk1178/2000
961	A/swine/Germany/S043/2002
962	A/Taiwan/421/2006
963	A/Taiwan/42/2006

964	A/Hong Kong/2845/2005
965	A/Venezuela/6971/2005
966	A/duck/Hunan/689/2006
967	A/chicken/Anhui/1089/2007
968	A/chicken/Henan/1362/2006
969	A/duck/Henan/1647/2006
970	A/duck/Henan/1650/2006
971	A/duck/Henan/1652/2006
972	A/chicken/Hunan/1793/2007
973	A/duck/Hunan/1930/2007
974	A/duck/Hunan/1964/2007
975	A/duck/Hunan/1994/2007
976	A/chicken/Hubei/2856/2007
977	A/duck/Hubei/2911/2007
978	A/chicken/Hubei/3002/2007
979	A/chicken/Hunan/3157/2006
980	A/duck/Hunan/3315/2006
981	A/duck/Hunan/3340/2006
982	A/swine/Shanghai/3/2005
983	A/Swine/Guangdong/01/2005
984	A/swine/Guangdong/04/2005
985	A/duck/Hubei/Hangmei01/2006
986	A/chicken/Rawalakot/NARC2441A/2006
987	A/chicken/Sihala/NARC3303.4/2006
988	A/chicken/Pakistan/c1998/1998
989	A/chicken/Pakistan/34668/1995
990	A/chicken/Rawalpindi/NARC72/2002
991	A/northern pintail/Interior Alaska/2/2007
992	A/swine/Guangdong/01/2002
993	A/chicken/Jiangsu/7/2002
994	A/chicken/Jiangsu/7/2002
995	A/northern shoveler/Interior Alaska/2/2007
996	A/northern shoveler/Interior Alaska/3/2007
997	A/northern shoveler/Interior Alaska/4/2007
998	A/mallard/Interior Alaska/1/2007
999	A/mallard/Interior Alaska/7/2007

1000	A/mallard/Interior Alaska/8/2007
1001	A/northern shoveler/California/AKS273/2007
1002	A/gadwall/California/AKS514/2007
1003	A/greater white-fronted goose/California/AKS617/2007
1004	A/northern shoveler/California/HKWF96/2007
1005	A/northern shoveler/California/HKWF1026/2007
1006	A/northern shoveler/California/HKWF1204/2007
1007	A/northern shoveler/California/HKWF2031/2008
1008	A/northern shoveler/California/HKWF392sm/2007
1009	A/northern pintail/California/HKWF440/2007
1010	A/northern shoveler/California/HKWF569/2007
1011	A/northern shoveler/California/HKWF608/2007
1012	A/mallard/California/7766/2008
1013	A/Nonthaburi/102/2009
1014	A/swine/Alberta/OTH-33-8/2009
1015	A/swine/Anhui/01/2006
1016	A/swine/Chibi/01/2005
1017	A/swine/Haseluenne/IDT2617/03
1018	A/Chicken/Iran/TH77/1998
1019	A/chicken/Iran/TH78/1999
1020	A/chicken/Iran/TH80/2001
1021	A/chicken/Iran/TH82/2003
1022	A/chicken/Iran/TH85/2006
1023	A/Chicken/Iran/TH186/2007
1024	A/chicken/Iran/TH87/2008
1025	A/chicken/Iran/TH84/2005
1026	A/spotbill duck/Xuyi/6/2005
1027	A/Baikal Teal/Hongze/14/2005
1028	A/duck/Memphis/546/74
1029	A/turkey/Ontario/84/1983
1030	A/swine/North Carolina/R08-001877-D08-013371/2008
1031	A/swine/Alberta/OTH-33-1/2009
1032	A/swine/Alberta/OTH-33-2/2009
1033	A/swine/Alberta/OTH-33-3/2009
1034	A/swine/Alberta/OTH-33-7/2009
1035	A/swine/Alberta/OTH-33-14/2009

1036	A/swine/Alberta/OTH-33-21/2009
1037	A/swine/Alberta/OTH-33-22/2009
1038	A/swine/Alberta/OTH-33-23/2009
1039	A/swine/Alberta/OTH-33-24/2009
1040	A/swine/Alberta/OTH-33-25/2009
1041	A/mallard/Germany/WV437/2004
1042	A/wild duck/Germany/WV2555/2006
1043	A/swine/Beijing/21/2008
1044	A/swine/Beijing/26/2008
1045	A/swine/Fujian/58/2008
1046	A/swine/Shandong/128/2008
1047	A/swine/Shandong/62/2008
1048	A/swine/Shandong/187/2008
1049	A/swine/Fujian/204/2007
1050	A/swine/Shandong/1012/2008
1051	A/swine/Shandong/443/2008
1052	A/swine/Shandong/692/2008
1053	A/Netherlands/602/2009
1054	A/Thailand/CU-H106/2009
1055	A/Shanghai/SWL2/2009
1056	A/Shanghai/SWL3/2009
1057	A/Beijing/SWL5/2009
1058	A/Fujian/SWL7/2009
1059	A/Fujian/SWL11/2009
1060	A/chicken/Hunan/8/2008
1061	A/duck/Hunan/8/2008
1062	A/duck/Viet Nam/41ST/2008
1063	A/env/California/7251/2008
1064	A/env/California/7255/2008
1065	A/env/California/7258/2008
1066	A/env/California/7261/2008
1067	A/env/California/7262/2008
1068	A/env/California/7264/2008
1069	A/env/California/7279/2008
1070	A/env/California/7286/2008
1071	A/env/California/7303/2008

1072	A/env/California/7313/2008
1073	A/env/California/7335/2008
1074	A/env/California/7341/2008
1075	A/env/California/7600/2008
1076	A/environment/Hunan/6-45/2008
1077	A/environment/Hunan/6-69/2008
1078	A/environment/Hunan/7-73/2008
1079	A/green winged teal/California/AKS1305/2008
1080	A/green winged teal/California/AKS1370/2008
1081	A/swine/Oklahoma/010226-17/2008
1082	A/swine/Oklahoma/010710-8/2008
1083	A/swine/Oklahoma/010710-9/2008
1084	A/swine/Oklahoma/011289-10/2008
1085	A/swine/Oklahoma/011289-8/2008
1086	A/swine/Oklahoma/011289-9/2008
1087	A/swine/Oklahoma/020734-2/2008
1088	A/American green-winged teal/California/HKWF609/2007
1089	A/American green-winged teal/Interior Alaska/3/2007
1090	A/American green-winged teal/Interior Alaska/4/2007
1091	A/American widgeon/Interior Alaska/1/2007
1092	A/American wigeon/California/HKWF1174/2007
1093	A/American wigeon/California/HKWF295/2007
1094	A/American wigeon/California/HKWF296/2007
1095	A/American wigeon/California/HKWF353/2007
1096	A/American wigeon/California/HKWF371/2007
1097	A/American wigeon/California/HKWF41/2007
1098	A/American wigeon/California/HKWF42/2007
1099	A/American wigeon/California/HKWF450/2007
1100	A/American wigeon/California/HKWF541/2007
1101	A/chicken/Shandong/B2/2007
1102	A/chicken/Shandong/B3/2007
1103	A/chicken/Zhejiang/HJ/2007
1104	A/duck/Hunan/3/2007
1105	A/water/Dongting Lake/Hunan/3-9/2007
1106	A/environment/Dongting Lake/Hunan/3-9/2007
1107	A/environment/Dongting Lake/Hunan/3-9/2007

1108	A/environment/Dongting Lake/Hunan/3-9/2007
1109	A/environment/Hunan/1-12/2007
1110	A/environment/Hunan/1-8/2007
1111	A/environment/Hunan/2-1/2007
1112	A/environment/Hunan/5-25/2007
1113	A/environment/Hunan/5-32/2007
1114	A/greater white fronted goose/California/HKWF446/2007
1115	A/least sandpiper/South Central Alaska/2/2007
1116	A/least sandpiper/South Central Alaska/3/2007
1117	A/mallard/Interior Alaska/2/2007
1118	A/mallard/Interior Alaska/2/2007
1119	A/mallard/Interior Alaska/3/2007
1120	A/mallard/Interior Alaska/3/2007
1121	A/mallard/Interior Alaska/4/2007
1122	A/mallard/Interior Alaska/4/2007
1123	A/mallard/Interior Alaska/5/2007
1124	A/mallard/Interior Alaska/5/2007
1125	A/mallard/Interior Alaska/6/2007
1126	A/northern pintail/Interior Alaska/1/2007
1127	A/northern shoveler/California/HKWF1203/2007
1128	A/northern shoveler/Interior Alaska/1/2007
1129	A/northern shoveler/Interior Alaska/1/2007
1130	A/ring necked duck/California/HKWF402/2007
1131	A/ring necked duck/California/HKWF515/2007
1132	A/ring-necked duck/California/HKWF662/2007
1133	A/swine/Minnesota/1145/2007
1134	A/swine/Oklahoma/008722/2007
1135	A/northern pintail/Interior Alaska/1/2007
1136	A/northern shoveler/Interior Alaska/1/2007
1137	A/mallard/Interior Alaska/6/2007
1138	A/swine/Shanghai/1/2005
1139	A/swine/Shanghai/2/2005
1140	A/Shanghai/1/2006
1141	A/chicken/Korea/IS/2006
1142	A/northern pintail/Akita/714/2006
1143	A/pelican/Zambia/01/2006

1144	A/chicken/Navapur/Nandurbar/India/7972/2006
1145	A/swine/Guangdong/102/2002
1146	A/Baikal teal/Hongze/16/2005
1147	A/Baikal teal/Xuyi/17/2005
1148	A/baikal teal/Xuyi/18/2005
1149	A/duck/Novosibirsk/02/05
1150	A/mallard/Gaoyou/31/2005
1151	A/mallard/Gaoyou/33/2005
1152	A/mallard/ON/499/2005
1153	A/mallard/Yan chen/2005
1154	A/raccoon dog/Shandong/sd1/2005
1155	A/raccoon dog/Shandong/sd2/2005
1156	A/spotbill duck/Xuyi/23/2005
1157	A/Spotbill duck/Xuyi/7/2005
1158	A/spotbill duck/Xuyi/9/2005
1159	A/spotbill duck/Yangcheng/19/2005
1160	A/goosander/Hongze/7/2005
1161	A/spotbill duck/Xuyi/25/2005
1162	A/swine/Taiwan/TD-4119B2/2009
1163	A/chicken/British Columbia/04
1164	A/GSC_chicken/British Columbia/04
1165	A/environment/Canada/av41/2004
1166	A/mallard/Guangxi/wt/2004
1167	A/chicken/Henan/wu/2004
1168	A/swine/Henan/wy/2004
1169	A/swine/Guangxi/wz/2004
1170	A/chicken/Jilin/hl/2004
1171	A/mallard/Xuyi/7/2004
1172	A/swine/Guangdong/wxl/2004
1173	A/swine/Guangxi/1/2004
1174	A/green-winged teal/Ohio/648/2004
1175	A/blue-winged teal/Ohio/658/2004
1176	A/Russia/200/2009
1177	A/swine/Italy/290271/2009
1178	A/fowl/Weybridge
1179	A/goose/nfav1

1180	A/Thailand/CU228/2006
1181	A/Thailand/CU231/2006
1182	A/Thailand/CU280/2007
1183	A/Thailand/CU282/2007
1184	A/ferret/Maryland/P10-UMD/2008
1185	A/duck/Beijing/61/05
1186	A/swine/Hainan/1/2005
1187	A/duck/Beijing/40/04
1188	A/chicken/Hubei/wo/2003
1189	A/chicken/Jilin/xw/2003
1190	A/duck/Hubei/wp/2003
1191	A/duck/Hubei/wq/2003
1192	A/goose/Fujian/bb/2003
1193	A/goose/Jilin/hb/2003
1194	A/swine/Shandong/na/2003
1195	A/swine/Shandong/nb/2003
1196	A/swine/Shandong/w4/2003
1197	A/chicken/Beijing/nl/2002
1198	A/chicken/Hubei/wf/2002
1199	A/chicken/Jiangsu/wa/2002
1200	A/chicken/Jilin/hd/2002
1201	A/chicken/Jilin/hg/2002
1202	A/chicken/Jilin/xv/2002
1203	A/chicken/Neimonggu/nk/2002
1204	A/duck/Hubei/wg/2002
1205	A/duck/Jiangsu/nf/2002
1206	A/duck/Shanghai/xj/2002
1207	A/duck/Zhejiang/bj/2002
1208	A/equine/North Carolina/152429/2002
1209	A/ruddy turnstone/Delaware/1543/2002
1210	A/ruddy turnstone/Delaware/726/2002
1211	A/ruddy turnstone/New Jersey/1315/2002
1212	A/swine/Guangdong/103/2002
1213	A/swine/Guangdong/106/2002
1214	A/swine/Guangdong/107/2002
1215	A/swine/Guangdong/110/2002

1216	A/swine/Guangdong/113/2002
1217	A/turkey/Colorado/169118-13/2002
1218	A/American black duck/Maryland/415/2001
1219	A/American black duck/Maryland/424/2001
1220	A/chicken/Henan/ni/2001
1221	A/chicken/Jiangsu/ng/2001
1222	A/chicken/Yunnan/nh/2001
1223	A/duck/Guangxi/xa/2001
1224	A/goose/Guangdong/xb/2001
1225	A/mallard/Maryland/423/2001
1226	A/Hong Kong/1074/1999
1227	A/Chicken/Shanghai/F/98
1228	A/chicken/Henan/nd/1998
1229	A/Quail/PA/20304/98
1230	A/chicken/Hubei/wi/1997
1231	A/chicken/Hubei/wj/1997
1232	A/chicken/Hubei/wk/1997
1233	A/chicken/Hubei/wl/1997
1234	A/chicken/Pakistan/1369-CR2/1995
1235	A/duck/Alaska/658/1991
1236	A/turkey/Minnesota/3/1992
1237	A/turkey/VA/31409/1991
1238	A/blackhead gull/Astrakhan/44/1988
1239	A/blackhead gull/Astrakhan/65/1983
1240	A/chicken/Victoria/1985
1241	A/chicken/Victoria/1/85
1242	A/green-winged teal/Louisiana/213GW/1987
1243	A/mallard/Marquenterre/Z237/1983
1244	A/turkey/Minnesota/833/80
1245	A/fowl/Weybridge
1246	A/NWS/1933
1247	A/USSR/90/1977
1248	A/USSR/90/1977
1249	A/Udorn/307/1972
1250	A/Leningrad/134/17/1957
1251	A/Leningrad/134/47/ca/1957

1252	A/Fort Monmouth/1/1947
1253	A/Tokyo/Ut-Sk-1/2007
1254	A/duck/Korea/GJ54/2004
1255	A/duck/Czechoslovakia/1956
1256	A/FPV/Dobson
1257	A/Fort Monmouth/1/1947-mouse adapted
1258	A/chicken/FPV/Weybridge
1259	A/duck/Alberta/286/1978
1260	A/duck/Alberta/35/1976
1261	A/duck/Hong Kong/702/1979-chicken adapted
1262	A/duck/Hong Kong/702/1979-quail adapted
1263	A/duck/Hong Kong/702/1979-quail adapted
1264	A/duck/Memphis/546/1974
1265	A/gull/Maryland/704/1977
1266	A/hvPR8/34
1267	A/lvPR8/34
1268	A/shearwater/AUS/405/1978
1269	A/swine/March/52
1270	A/turkey/England/1963
1271	A/Udorn/1972
1272	A/SC35M
1273	A/Singapore/1/1957
1274	A/New York/1682-WC_RG1/2009
1275	A/chicken/Brescia/1902
1276	A/chicken/Brescia/1902
1277	A/chicken/Germany/n/1949
1278	A/chicken/Scotland/1959
1279	A/duck/Czechoslovakia/1956
1280	A/duck/England/1956
1281	A/swine/29/1937
1282	A/swine/May/1954
1283	A/tern/South Africa/1961
1284	A/turkey/Minnesota/833/1980
1285	A/turkey/Ontario/6118/1968
1286	A/turkey/Wisconsin/1/1966
1287	A/turkey/Wisconsin/66

1288	A/X-31
1289	A/England/939/69(H3N2) × A/PR/8/34(H1N1)
1290	A/fowl/Dobson/1927
1291	A/duck/Alberta/60/1976
1292	A/environment/Hunan/1-18/2007
1293	A/environment/Hunan/1-23/2007
1294	A/environment/Hunan/1-70/2007
1295	A/environment/Hunan/1-81/2007
1296	A/environment/Hunan/2-84/2007
1297	A/environment/Hunan/5-38/2007
1298	A/feces/Hunan/2-28/2007
1299	A/feces/Hunan/3-91/2007
1300	A/Singapore/GN285/2009
1301	A/mallard/Korea/GH170/2007
1302	A/magpie/Korea/YJD174/2007
1303	A/mallard/Korea/GH171/2007
1304	A/Nanjing/01/2010
1305	A/duck/Jiangsu/022/2009
1306	A/swine/Germany-SH/R1737/09
1307	A/mallard/Germany-RP/R193/09
1308	A/wild duck/Germany/WV30/06
1309	A/mallard/Germany/WV355/07
1310	A/Almaty/1044/1983
1311	A/Alma-Ata/1417/1984
1312	A/Almaty/32/1998
1313	A/Almaty/05/1998
1314	A/chicken/Iran/AF110/2009
1315	A/chicken/Iran/AS133/1998
1316	A/chicken/Iran/AS110/2009
1317	A/reassortant/NYMC X-179A(California/07/2009 × NYMC X-157)
1318	A/duck/Hubei/46/2009
1319	A/Zhejiang/1/2006
1320	A/Anhui/1/2007
1321	A/Hunan/1/2008
1322	A/Guangdong/1/2008
1323	A/Xinjiang/1/2009

1324	A/Anhui/1/2006
1325	A/mallard/Sweden/4/2002
1326	A/mallard/Sweden/81/2002
1327	A/New York/392/2004
1328	A/Puerto Rico/8/34
1329	A/Puerto Rico/8/34/Mount Sinai
1330	A/Puerto Rico/8/34
1331	A/Ontario/10016/2009
1332	A/Ontario/10296/2009
1333	A/Ontario/25389/2009
1334	A/Ontario/25913/2009
1335	A/Ontario/26184/2009
1336	A/Ontario/296008/2009
1337	A/Ontario/29801/2009
1338	A/Ontario/304434/2009
1339	A/Ontario/305598/2009
1340	A/Ontario/309862/2009
1341	A/Ontario/313762/2009
1342	A/Ontario/314137/2009
1343	A/Ontario/315003/2009
1344	A/Ontario/315015/2009
1345	A/Ontario/315047/2009
1346	A/Ontario/315107/2009
1347	A/Ontario/315187/2009
1348	A/Ontario/315637/2009
1349	A/Ontario/328474/2009
1350	A/Jiangxi/SWL1/2009
1351	A/Hubei/SWL1/2009
1352	A/Beijing/SWL6/2009
1353	A/Hainan/SWL1/2009
1354	A/Shanxi/SWL1/2009
1355	A/Shanghai/SWL5/2009
1356	A/Shanghai/SWL6/2009
1357	A/Shanghai/SWL7/2009
1358	A/Tianjin/SWL2/2009
1359	A/Guangxi/SWL1/2009

1360	A/Hainan/SWL2/2009
1361	A/Hunan/SWL3/2009
1362	A/Hebei/SWL1/2009
1363	A/Hunan/SWL5/2009
1364	A/Hunan/SWL4/2009
1365	A/Jilin/SWL2/2009
1366	A/Hunan/SWL12/2009
1367	A/Shanghai/SWL120/2009
1368	A/Guangdong/SWL27/2009
1369	A/Xizang/SWL2/2009
1370	A/teal/Germany/Wv632/2005
1371	A/duck/Eastern China/318/2003
1372	A/crow/Assam/142119/2008
1373	A/Jiangsu-Xiaguan/SWL1438/2009
1374	A/Jiangsu-Xiaguan/SWL1439/2009
1375	A/Beijing-Huairou/SWL1859/2009
1376	A/Guangdong-Ruizhou/SWL1433/2009
1377	A/Tianjin-Tanggu/SWL1106/2009
1378	A/Hubei-Wuchang/SWL1407/2009
1379	A/Hubei-Wuchang/SWL1418/2009
1380	A/Hubei-Wuchang/SWL1423/2009
1381	A/Hubei-Hongshan/SWL1284/2009
1382	A/Hubei-Hongshan/SWL1288/2009
1383	A/Gansu-Chengguan/SWL12770/2009
1384	A/Gansu-Chengguan/SWL12771/2009
1385	A/Gansu-Chengguan/SWL12849/2009
1386	A/Beijing-Xuanwu/SWL1945/2009
1387	A/Guangdong-Luohu/SWL1712/2009
1388	A/Guangdong-Futian/SWL1485/2009
1389	A/Jiangsu-Canglang/SWL1428/2009
1390	A/Xinjiang-Kuitun/SWL32/2009
1391	A/Xinjiang-Kuitun/SWL39/2009
1392	A/Xinjiang-Kuitun/SWL314/2009
1393	A/Jiangsu-Xiaguan/SWL1411/2009
1394	A/Jiangsu-Xiaguan/SWL1438/2009
1395	A/Jiangsu-Xiaguan/SWL1440/2009

1396	A/Jiangsu-Taixing/SWL33/2009
1397	A/Gansu-Linxia/SWL1259/2009
1398	A/Shanxi-Xinghualing/SWL1480/2009
1399	A/Shanxi-Lishi/SWL530/2009
1400	A/Beijing-Huairou/SWL11001/2009
1401	A/Beijing-Huairou/SWL1998/2009
1402	A/Beijing-Huairou/SWL1994/2009
1403	A/Shanxi-Chengqu/SWL51/2009
1404	A/Shanxi-Yuci/SWL11110/2009
1405	A/Shanxi-Linxian/SWL325/2009
1406	A/Shanxi-Chengqu/SWL56/2009
1407	A/Shanxi-Chengqu/SWL58/2009
1408	A/Shanxi-Chengqu/SWL561/2009
1409	A/Shanxi-Chengqu/SWL563/2009
1410	A/Shanxi-Chengqu/SWL581/2009
1411	A/Shanxi-Chengqu/SWL351/2009
1412	A/Shanxi-Chengqu/SWL1741/2009
1413	A/Shanxi-Pingding/SWL351/2009
1414	A/Shanxi-Wanbolin/SWL337/2009
1415	A/Beijing-Huairou/SWL11032/2009
1416	A/Beijing-Huairou/SWL11031/2009
1417	A/Beijing-Huairou/SWL11030/2009
1418	A/Shanxi-Chengqu/SWL1717/2009
1419	A/Shanxi-Chengqu/SWL1681/2009
1420	A/Shanxi-Yuci/SWL352/2009
1421	A/Beijing-Huairou/SWL11052/2009
1422	A/Beijing-Huairou/SWL11005/2009
1423	A/Shanxi-Xinghualing/SWL1570/2009
1424	A/Shanxi-Qixian/SWL37/2009
1425	A/Gansu-Kongdong/SWL3113/2009
1426	A/Neimenggu-Hangjinhouqi/SWL51/2009
1427	A/Neimenggu-Hangjinhouqi/SWL53/2009
1428	A/Neimenggu-Hangjinhouqi/SWL54/2009
1429	A/Guangxi-Bamayaozuzizhi/SWL46/2009
1430	A/Guangdong-Luohu/SWL1754/2009
1431	A/Guangdong-Luohu/SWL1755/2009

1432	A/Guangdong-Futian/SWL1559/2009
1433	A/Sichuan-Jiuzhaigou/SWL320/2009
1434	A/Hunan-Beihu/SWL4133/2009
1435	A/Guangdong/SWL32/2009
1436	A/Guangdong/SWL33/2009
1437	A/Guangdong/SWL34/2009
1438	A/Zhejiang/SWL3/2009
1439	A/Beijing-Xicheng/SWL11649/2009
1440	A/Guangdong/SWL36/2009
1441	A/Sichuan-Jinniu/SWL446/2009
1442	A/Sichuan-Wuhou/SWL4391/2009
1443	A/Guangdong-Luohu/SWL1792/2009
1444	A/Guangdong-Luohu/SWL1808/2009
1445	A/Liaoning-Huanggu/SWL11020/2009
1446	A/Hunan-Yuhua/SWL11328/2009
1447	A/Hunan-Suxian/SWL1746/2009
1448	A/Hunan-Furong/SWL1519/2009
1449	A/Hunan-Yuhu/SWL4118/2009
1450	A/Hunan-Furong/SWL1529/2009
1451	A/Sichuan-Dongxing/SWL1517/2009
1452	A/Sichuan-Jiangyang/SWL1165/2009
1453	A/Sichuan-Ziliujing/SWL158/2009
1454	A/Sichuan-Dongqu/SWL1818/2009
1455	A/Sichuan-Dongqu/SWL4149/2009
1456	A/Liaoning-Shuncheng/SWL1145/2009
1457	A/Liaoning-Shuncheng/SWL1148/2009
1458	A/Liaoning-Shuangta/SWL1135/2009
1459	A/Henan-Hualong/SWL1313/2009
1460	A/Henan-Hualong/SWL1347/2009
1461	A/Henan-Qingfeng/SWL43/2009
1462	A/Guangxi/SWL10/2009
1463	A/Guangxi/SWL5/2009
1464	A/Guangxi/SWL6/2009
1465	A/Guangxi/SWL8/2009
1466	A/Sichuan-Wenjiang/SWL456/2009
1467	A/Beijing-Xicheng/SWL11626/2009

1468	A/Beijing-Xicheng/SWL11619/2009
1469	A/Hebei-Qiaodong/SWL1523/2009
1470	A/Hebei-Qiaodong/SWL1527/2009
1471	A/Hebei-Yuhua/SWL1438/2009
1472	A/Hebei-Yuhua/SWL1442/2009
1473	A/Guangdong-Yuexiu/SWL11552/2009
1474	A/Guangdong-Haizhu/SWL1644/2009
1475	A/Fujian-Gulou/SWL11951/2009
1476	A/Fujian-Gulou/SWL11954/2009
1477	A/Fujian-Gulou/SWL11875/2009
1478	A/Fujian-Gulou/SWL11881/2009
1479	A/Hunan-Hecheng/SWL1617/2009
1480	A/Hunan-Hecheng/SWL469/2009
1481	A/Hunan-Daxiang/SWL1421/2009
1482	A/Hunan-Hecheng/SWL1616/2009
1483	A/Henan-Hualong/SWL511/2009
1484	A/Sichuan-Wuhou/SWL4401/2009
1485	A/Sichuan-Qingyang/SWL11254/2009
1486	A/Sichuan-Qingyang/SWL11275/2009
1487	A/Chongqing-Wuxi/SWL3118/2009
1488	A/Hunan-Yueyanglou/1432/2009
1489	A/Anhui-Luyang/SWL1953/2009
1490	A/Anhui-Luyang/SWL1957/2009
1491	A/Hunan-Yuhua/SWL11707/2009
1492	A/Hunan-Yuhua/SWL11709/2009
1493	A/Shandong-Shizhong/SWL1850/2009
1494	A/Shandong-Wenshang/SWL47/2009
1495	A/Chongqing-Yuzhong/SWL11307/2009
1496	A/Chongqing-Yuzhong/SWL11351/2009
1497	A/Chongqing-Banan/SWL1696/2009
1498	A/Chongqing-Yuzhong/SWL11352/2009
1499	A/Chongqing-Banan/SWL1699/2009
1500	A/Chongqing-Yongchuan/SWL5226/2009
1501	A/Chongqing-Wuxi/SWL3120/2009
1502	A/Chongqing-Wanzhou/SWL1559/2009
1503	A/Guangxi-Longan/SWL1870/2009

1504	A/Guangxi-Qinnan/SWL467/2009
1505	A/Guangxi-Qinnan/SWL468/2009
1506	A/Guangxi-Tiane/SWL444/2009
1507	A/Jiangsu-Nanjinggulou/SWL11826/2009
1508	A/Jiangsu-Nanjinggulou/SWL11827/2009
1509	A/Jiangsu-Canglang/SWL1616/2009
1510	A/Jiangsu-Pingjiang/SWL1567/2009
1511	A/Jiangsu-Gulou/SWL1584/2009
1512	A/Jiangsu-Quanshan/SWL11158/2009
1513	A/Tianjin-Hexi/SWL11/2010
1514	A/Tianjin-Hexi/SWL113/2010
1515	A/Jiangxi-Donghu/SWL11494/2009
1516	A/Hunan-Yuhu/SWL4393/2009
1517	A/Guangdong-Puning/SWL535/2009
1518	A/Heilongjiang-Jianhua/SWL1574/2009
1519	A/Xinjiang-Tianshan/SWL11339/2009
1520	A/Guangxi-Yuzhou/SWL1337/2009
1521	A/Guangxi-Yuzhou/SWL16/2010
1522	A/Guangxi-Yuzhou/SWL11/2010
1523	A/Zhejiang-Nanxun/SWL1600/2009
1524	A/Zhejiang-Xiacheng/SWL1873/2009
1525	A/Zhejiang-Jiangan/SWL14/2010
1526	A/Shanghai/SWL1675/2009
1527	A/Hubei-Shashi/SWL1509/2009
1528	A/Tianjin-Hongqiao/SWL1463/2009
1529	A/Zhejiang-Shangcheng/SWL1709/2009
1530	A/Guangdong-Luohu/SWL1902/2009
1531	A/Guangdong-Luohu/SWL1916/2009
1532	A/Hubei-Huangshigang/SWL1492/2009
1533	A/Anhui-Baohe/SWL137/2010
1534	A/Tianjin-Hexi/SWL123/2010
1535	A/Tianjin-Hexi/SWL138/2010
1536	A/Tianjin-Nankai/SWL413/2010
1537	A/Hunan-Furong/SWL13/2010
1538	A/Hunan-Yuhua/SWL15/2010
1539	A/Hunan-Anhua/SWL59/2009

1540	A/Guangdong-Wujiang/SWL58/2009
1541	A/Sichuan-Jingyang/SWL1897/2009
1542	A/Sichuan-Cuiping/SWL1197/2009
1543	A/Jiangsu-Pingjiang/SWL1633/2009
1544	A/Jiangsu-Canglang/SWL1653/2009
1545	A/Hubei-Wujiagang/SWL12/2010
1546	A/Hubei-Wujiagang/SWL16/2010
1547	A/Zhejiang-Haishu/SWL11/2010
1548	A/Zhejiang-Haishu/SWL128/2010
1549	A/Heilongjiang-Xiangfang/SWL1970/2009
1550	A/Heilongjiang-Longsha/SWL1424/2009
1551	A/Jiangsu-Gulou/SWL1633/2009
1552	A/Jiangsu-Quanshan/SWL11302/2009
1553	A/Hebei-Qiaodong/SWL1592/2009
1554	A/Hebei-Yuhua/SWL16/2010
1555	A/Guangxi-Luochengmulaozuzizhi/SWL440/2009
1556	A/Guangxi-Haicheng/SWL48/2010
1557	A/Hunan-Lengshuitan/SWL131/2010
1558	A/Hunan-Daoxian/SWL31/2010
1559	A/Guangdong-Luohu/SWL18/2010
1560	A/Guangdong-Luohu/SWL130/2010
1561	A/Liaoning-Heping/SWL1606/2009
1562	A/Liaoning-Heping/SWL116/2010
1563	A/Gansu-Chengguan/SWL157/2010
1564	A/Gansu-Chengguan/SWL562/2009
1565	A/Anhui-Luyang/SWL1103/2010
1566	A/Anhui-Baohe/SWL156/2010
1567	A/Yunnan-Qiaojia/SWL31/2010
1568	A/Yunnan-Qiaojia/SWL34/2010
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1570	A/Chongqing-Yuzhong/SWL119/2010
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1572	A/Hubei-Wuchang/SWL13/2010
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1574	A/Ningxia-Xixia/SWL116/2010
1575	A/Tianjin-Nankai/SWL1669/2010

1576	A/Tianjin-Ninghe/SWL43/2010
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1578	A/Jiangxi-Donghu/SWL131/2010
1579	A/Neimenggu-Huimin/SWL18/2010
1580	A/Neimenggu-Huimin/SWL11560/2009
1581	A/Hunan-Yuhua/SWL169/2010
1582	A/Hunan-Yuhu/SWL163/2010
1583	A/Shanghai-Pudongxin/SWL1117/2010
1584	A/Shanghai-Pudongxin/SWL1138/2010
1585	A/Fujian-Licheng/SWL1658/2009
1586	A/Fujian-Licheng/SWL1660/2009
1587	A/Shanghai-Pudongxin/SWL1147/2010
1588	A/Shanghai-Pudongxin/SWL1162/2010
1589	A/Fujian-Gulou/SWL1257/2010
1590	A/Jiangxi-Donghu/SWL1132/2010
1591	A/Jiangxi-Donghu/SWL1172/2010
1592	A/Zhejiang-Xiacheng/SWL167/2010
1593	A/Zhejiang-Jiangan/SWL155/2010
1594	A/Shanghai-Pudongxin/SWL1233/2010
1595	A/Hubei-Qiaokou/SWL14/2010
1596	A/Hubei-Qiaokou/SWL111/2010
1597	A/Ningxia-Litong/SWL19/2010
1598	A/Guangxi-Longan/SWL111/2010
1599	A/Yunnan-Simao/SWL459/2009
1600	A/Gansu-Chengguan/SWL1112/2010
1601	A/Jiangsu-Beitang/SWL164/2010
1602	A/Jiangsu-Nanchang/SWL190/2010
1603	A/Shanghai-Luwan/SWL134/2010
1604	A/Shanghai-Luwan/SWL143/2010
1605	A/Shanghai-Luwan/SWL154/2010
1606	A/Shanghai-Luwan/SWL157/2010
1607	A/Guangxi-Qinnan/SWL1108/2010
1608	A/Jiangsu-Beitang/SWL153/2010
1609	A/Jiangsu-Beitang/SWL158/2010
1610	A/Jiangsu-Nanchang/SWL138/2010
1611	A/Jiangsu-Nanchang/SWL160/2010

1612	A/Jiangsu-Beitang/SWL123/2010
1613	A/Shanghai-Luwan/SWL125/2010
1614	A/Shanghai-Luwan/SWL126/2010
1615	A/Shanghai-Luwan/SWL135/2010
1616	A/Shanghai-Luwan/SWL137/2010
1617	A/Guangxi-Fangcheng/SWL175/2010
1618	A/Guangxi-Fangcheng/SWL179/2010
1619	A/Guangxi-Xingbin/SWL115/2010
1620	A/Guangxi-Gangbei/SWL41/2010
1621	A/Guangxi-Beiliu/SWL52/2010
1622	A/Jiangsu-Xuzhougoulou/SWL185/2010
1623	A/Jiangsu-Quanshan/SWL1308/2010
1624	A/Hunan-Yueyanglou/SWL1432/2009
1625	A/Fujian-Gulou/SWL52/2010
1626	A/Fujian-Gulou/SWL1338/2010
1627	A/Fujian-Gulou/SWL119/2010
1628	A/Guangdong-Chancheng/SWL178/2010
1629	A/Guangdong-Chancheng/SWL51/2010
1630	A/Hainan-Dingan/SWL111/2010
1631	A/Tianjin-Nankai/SWL1692/2010
1632	A/Tianjin-Hebei/SWL157/2010
1633	A/Hubei-Maojian/SWL113/2010
1634	A/Hubei-Maojian/SWL132/2010
1635	A/Hubei-Maojian/SWL140/2010
1636	A/Hubei-Maojian/SWL197/2010
1637	A/Hubei-Maojian/SWL1165/2010
1638	A/Fujian-Gulou/SWL1280/2010
1639	A/Fujian-Gulou/SWL1223/2010
1640	A/Jiangxi-Donghu/SWL54/2010
1641	A/Guangdong-Liwan/SWL153/2010
1642	A/Guangdong-Yuexiu/SWL193/2010
1643	A/Beijing-Huairou/SWL1282/2010
1644	A/Beijing-Xicheng/SWL1304/2010
1645	A/Guangxi-Yuzhou/SWL125/2010
1646	A/Guangxi-Longan/SWL1979/2010
1647	A/Guangxi-Fangcheng/SWL184/2010

1648	A/Guangxi-Beiliu/SWL54/2010
1649	A/Guangxi-Fangcheng/SWL183/2010
1650	A/Hunan-Yueyanglou/SWL154/2010
1651	A/Shanghai-Pudongxin/SWL181/2010
1652	A/Shanghai-Pudongxin/SWL186/2010
1653	A/Shanghai-Pudongxin/SWL187/2010
1654	A/Guangxi-Xixiangtang/SWL139/2010
1655	A/Tianjin-Hexi/SWL195/2010
1656	A/Guangxi-Beiliu/SWL53/2010
1657	A/Fujian-Licheng/SWL144/2010
1658	A/Fujian-Gulou/SWL1338/2010
1659	A/Xinjiang-Tianshan/SWL1119/2010
1660	A/Heilongjiang-Jianhua/SWL18/2010
1661	A/Heilongjiang-Longsha/SWL19/2010
1662	A/Fujian-Gulou/SWL1494/2010
1663	A/Fujian-Gulou/SWL1544/2010
1664	A/Fujian-Gulou/SWL1549/2010
1665	A/Guangxi-Fangcheng/SWL1130/2010
1666	A/Beijing-Huairou/SWL1327/2010
1667	A/Xinjiang-Hutubi/SWL115/2010
1668	A/Xinjiang-Hutubi/SWL117/2010
1669	A/Guangxi-Gangbei/SWL158/2010
1670	A/Guangxi-Fangcheng/SWL188/2010
1671	A/Guangxi-Fangcheng/SWL194/2010
1672	A/Guangxi-Yuzhou/SWL128/2010
1673	A/Guangxi-Longan/SWL1976/2010
1674	A/Guangxi-Fangcheng/SWL189/2010
1675	A/Guangxi-Longan/SWL1990/2010
1676	A/Guangxi-Jiangzhou/SWL151/2010
1677	A/Hunan-Yueyanglou/SWL127/2010
1678	A/Hunan-Yueyanglou/SWL133/2010
1679	A/Hunan-Furong/SWL129/2010
1680	A/Jiangxi-Donghu/SWL157/2010
1681	A/Fujian-Yanping/SWL146/2010
1682	A/Fujian-Yanping/SWL143/2010
1683	A/Fujian-Licheng/SWL126/2010

1684	A/Shanghai-Putuo/SWL132/2010
1685	A/Shanghai-Putuo/SWL131/2010
1686	A/Guangxi-Xixiangtang/SWL118/2010
1687	A/Guangxi-Qinnan/SWL1113/2010
1688	A/Guangxi-Qinnan/SWL133/2010
1689	A/Guangxi-Longan/SWL11023/2010
1690	A/Anhui-Baohe/SWL131/2010
1691	A/Hunan-Yuhua/SWL174/2010
1692	A/Fujian-Gulou/SWL51/2010
1693	A/Shanghai-Pudongxin/SWL1335/2010
1694	A/Fujian-Yanping/SWL1115/2010
1695	A/Jiangsu-Qinhuai/SWL167/2010
1696	A/Shaanxi-Beilin/SWL134/2010
1697	A/Zhejiang-Haishu/SWL1289/2010
1698	A/Hubei-Wuchang/SWL145/2010
1699	A/Jilin-Nanguan/SWL181/2010
1700	A/duck/Eastern China/02/2003
1701	A/duck/Eastern China/164/2002
1702	A/duck/Eastern China/216/2007
1703	A/duck/Eastern China/22/2005
1704	A/duck/Eastern China/64/2004
1705	A/duck/Eastern China/74/2006
1706	A/great crested-grebe/Qinghai/1/2009
1707	A/Zhoushan/52/2009
1708	A/duck/Eastern China/103/2003
1709	A/duck/Eastern China/01/2007
1710	A/duck/Eastern China/160/2002
1711	A/duck/Eastern China/166/2004
1712	A/duck/Eastern China/06/2000
1713	A/duck/Eastern China/264/2002
1714	A/duck/Eastern China/161/2002
1715	A/duck/Eastern China/262/2002
1716	A/duck/Eastern China/152/2003
1717	A/duck/Eastern China/729/2003
1718	A/blue-winged teal/Minnesota/Sg-00028/2007
1719	A/blue-winged teal/Minnesota/Sg-00029/2007

1720	A/blue-winged teal/Minnesota/Sg-00033/2007
1721	A/blue-winged teal/Minnesota/Sg-00034/2007
1722	A/blue-winged teal/Minnesota/Sg-00036/2007
1723	A/blue-winged teal/Minnesota/Sg-00037/2007
1724	A/blue-winged teal/Minnesota/Sg-00041/2007
1725	A/blue-winged teal/Minnesota/Sg-00043/2007
1726	A/blue-winged teal/Texas/Sg-00075/2007
1727	A/blue-winged teal/Texas/Sg-00076/2007
1728	A/blue-winged teal/Texas/Sg-00078/2007
1729	A/blue-winged teal/Texas/Sg-00079/2007
1730	A/blue-winged teal/Texas/Sg-00080/2007
1731	A/gadwall/Minnesota/Sg-00044/2007
1732	A/mallard/Minnesota/Sg-00045/2007
1733	A/mallard/Minnesota/Sg-00046/2007
1734	A/mallard/Minnesota/Sg-00047/2007
1735	A/mallard/Minnesota/Sg-00050/2007
1736	A/mallard/Minnesota/Sg-00051/2007
1737	A/mallard/Minnesota/Sg-00055/2007
1738	A/mallard/Minnesota/Sg-00056/2007
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1740	A/mallard/Minnesota/Sg-00060/2007
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1742	A/mallard/Minnesota/Sg-00062/2007
1743	A/mallard/Minnesota/Sg-00063/2007
1744	A/mallard/Minnesota/Sg-00064/2007
1745	A/ring-necked duck/Minnesota/Sg-00066/2007
1746	A/ring-necked duck/Minnesota/Sg-00068/2007
1747	A/ring-necked duck/Minnesota/Sg-00069/2007
1748	A/Cygnus olor/Caspian Sea/2006
1749	A/Singapore/GP999/2010
1750	A/Singapore/KK066/2010
1751	A/Singapore/ON0801/2009
1752	A/Singapore/ON1868/2009
1753	A/Guangdong-Zhenjiang/SWL165/2010
1754	A/Guangdong-Jiangcheng/SWL181/2010
1755	A/Guangdong-Wujiang/SWL51/2010

1756	A/Guangdong-Zhenjiang/SWL176/2010
1757	A/Guangdong-Duanzhou/SWL1198/2010
1758	A/Guangdong-Duanzhou/SWL1178/2010
1759	A/Guangdong-Liwan/SWL1170/2010
1760	A/Guangdong-Yuexiu/SWL1276/2010
1761	A/Guangdong-Liwan/SWL172/2010
1762	A/Guangdong-Liwan/SWL176/2010
1763	A/Hubei-Songzi/SWL160/2010
1764	A/Hubei-Songzi/SWL161/2010
1765	A/Hubei-Songzi/SWL1176/2010
1766	A/Hubei-Songzi/SWL189/2010
1767	A/Hubei-Songzi/SWL1166/2010
1768	A/Hubei-Wuchang/SWL171/2010
1769	A/Hubei-Wuchang/SWL174/2010
1770	A/Hubei-Hongshan/SWL143/2010
1771	A/chicken/Uchal/8286/2006
1772	A/chicken/Uchal/8293/2006
1773	A/turkey/Ontario/FAV114-17/2009
1774	A/turkey/Ontario/FAV110/2009
1775	A/turkey/Ontario/FAV110/2009
1776	A/Guam/2123/2009
1777	A/Sydney/616/2009
1778	A/Perth/673/2009
1779	A/Singapore/534/2009
1780	A/Sri Lanka/13/2009
1781	A/Singapore/569/2009
1782	A/aquatic bird/India/NIV-17095/2007
1783	A/SIMBU/1/2010
1784	A/EAST SEPIK PROVINCE/1/2010
1785	A/GOROKA/2/2010
1786	A/GOROKA/9/2010
1787	A/GOROKA/16/2010
1788	A/GOROKA/17/2010
1789	A/WESTERN SEPIK/20/2009
1790	A/SURAT THANI/116/2010
1791	A/SINGAPORE/526/2010

1792	A/SURAT THANI/269/2010
1793	A/WAIKATO/2/2010
1794	A/KAKAMEGA/1/2009
1795	A/PHILIPPINES/824/2010
1796	A/MOMBASA/1/2009
1797	A/KENYA CP/1/2009
1798	A/MALINDI/1/2009
1799	A/KWANZA/1/2009
1800	A/VICTORIA/800/2010
1801	A/SINGAPORE/521/2010
1802	A/chicken/Shandong/SG2/2009
1803	A/blue-winged teal/Guatemala/CIP049-01/2008
1804	A/blue-winged teal/Guatemala/CIP049-02/2008
1805	A/Guangdong/06/2009
1806	A/mallard/PT/35910-2/2006
1807	A/tufted duck/PT/13771/2006
1808	A/mallard/PT/28006/2007
1809	A/Memphis/4/2002
1810	A/Anhui/2/2005
1811	A/Guangdong/45/2009
1812	A/Thailand/WRAIR1720H/2004
1813	A/Thailand/WRAIR1721H/2004
1814	A/Thailand/WRAIR1722H/2004
1815	A/Thailand/WRAIR1723H/2004
1816	A/Thailand/WRAIR1724H/2004
1817	A/chicken/Sichuan/81/2005
1818	A/duck/Hubei/49/2005
1819	A/goose/Hubei/65/2005
1820	A/Guangdong/01/2009
1821	A/CHIANG RAI/226/2010
1822	A/PERTH/10/2010
1823	A/BRUNEI/5/2010
1824	A/BRUNEI/25/2010
1825	A/BRUNEI/26/2010
1826	A/BRUNEI/28/2010
1827	A/chicken/Guangxi/KMIII/1999

1828	A/DARWIN/12/2010
1829	A/DARWIN/17/2010
1830	A/DARWIN/23/2010
1831	A/DARWIN/29/2010
1832	A/PERTH/12/2010
1833	A/DARWIN/35/2010
1834	A/SINGAPORE/584/2010
1835	A/PERTH/36A/2010
1836	A/VICTORIA/804/2010
1837	A/SRI LANKA/3/2010
1838	A/PERTH/518/2010
1839	A/TOWNSVILLE/2/2010
1840	A/CANBERRA/200/2010
1841	A/GRAFTON/2/2010
1842	A/Daegu/1374/2010
1843	A/PERTH/32/2010
1844	A/water/Hebei/2/2009
1845	A/water/Hebei/3/2009
1846	A/environment/Guizhou/4/2009
1847	A/water/Hunan/7/2009
1848	A/duck/New York/504372/2007
1849	A/swine/KU/2/2001
1850	A/Cambodia/S1211394/2008
1851	A/canine/Guangdong/1/2006
1852	A/duck/Hunan/8-19/2009
1853	A/avian/New Jersey/437109/2006
1854	A/environment/New York/483238/2007
1855	A/duck/New York/483239/2007
1856	A/unknown/New Jersey/456488/2006
1857	A/duck/Pennsylvania/467189/2006
1858	A/duck/Michigan/463796-7/2006
1859	A/mallard/Illinois/464067-5/2006
1860	A/green winged teal/Delaware/468157-6/2006
1861	A/swine/Guangdong/33/2006
1862	A/swine/Guangdong/109/2006
1863	A/swine/Guangdong/322/2006

1864	A/swine/Guangdong/446/2006
1865	A/swine/Guangdong/611/2006
1866	A/swine/Guangdong/628/2006
1867	A/swine/Shandong/101/2008
1868	A/swine/Shandong/275/2009
1869	A/swine/Shandong/327/2009
1870	A/swine/Guangdong/1222/2006
1871	A/swine/Guangdong/211/2006
1872	A/swine/Guangdong/223/2006
1873	A/swine/Guangdong/423/2006
1874	A/swine/Guangdong/811/2006
1875	A/swine/Guangdong/968/2006
1876	A/chicken/West Bengal/170564/2009
1877	A/chicken/West Bengal/162642/2009
1878	A/chicken/West Bengal/82613/2008
1879	A/chicken/West Bengal/106181/2008
1880	A/chicken/West Bengal/81760/2008
1881	A/chicken/West Bengal/155505/2009
1882	A/chicken/West Bengal/193936/2009
1883	A/chicken/West Bengal/142121/2008
1884	A/chicken/West Bengal/148713/2009
1885	A/swine/Guangxi/7/2007
1886	A/swine/Guangxi/8/2007
1887	A/swine/Guangxi/9/2007
1888	A/swine/Guangxi/10/2007
1889	A/swine/Taiwan/TD-2542/2010
1890	A/Indiana/01/1994
1891	A/Indiana/05/1995
1892	A/Minnesota/18/1995
1893	A/Nebraska/01/1992
1894	A/Oklahoma/11/1990
1895	A/Brisbane/220/2010
1896	A/chicken/Assam/142007/2008
1897	A/duck/Fujian/FQ107/2007
1898	A/chicken/Emirates/R66/2002
1899	A/Ontario/147265/2009

1900	A/Ontario/147723/2009
1901	A/Ontario/152439/2009
1902	A/Ontario/152846/2009
1903	A/Ontario/156785/2009
1904	A/Liaoning-Donggang/120/2010
1905	A/Liaoning-Zhenxing/1686/2010
1906	A/Tianjin-Hexi/18/2010
1907	A/Beijing-Zhaoyang/141/2010
1908	A/Tianjin-Nankai/1842/2010
1909	A/Tianjin-Nankai/1912/2010
1910	A/Heilongjiang-Longsha/160/2010
1911	A/Tianjin-Hexi/1266/2010
1912	A/Shanghai-Luwan/1400/2010
1913	A/Hubei-Enshi/1250/2010
1914	A/Jiangxi-Donghu/1682/2010
1915	A/Anhui-Baohe/1456/2010
1916	A/Hubei-Qiaokou/1271/2010
1917	A/Shanghai-Luwan/1568/2010
1918	A/Hubei-Wuchang/1271/2010
1919	A/DARWIN/55/2010
1920	A/VICTORIA/833/2010
1921	A/PHILIPPINES/2638/2010
1922	A/PERTH/49/2010
1923	A/SOUTH AUSTRALIA/34/2010
1924	A/PERTH/56/2010
1925	A/MALAYSIA/174/2010
1926	A/BRISBANE/69/2010
1927	A/DARWIN/64/2010
1928	A/VICTORIA/858/2010
1929	A/TOWNSVILLE/10/2010
1930	A/BRISBANE/107/2010
1931	A/BRISBANE/217/2010
1932	A/BRISBANE/218/2010
1933	A/BRISBANE/219/2010
1934	A/NOTHABURI/488/2010
1935	A/VICTORIA/866/2010

1936	A/SOUTH AUSTRALIA/397/2010
1937	A/DARWIN/92/2010
1938	A/TOWNSVILLE/28/2010
1939	A/BRISBANE/209/2010
1940	A/DARWIN/118/2010
1941	A/PERTH/198/2010
1942	A/PERTH/223/2010
1943	A/WELLINGTON/94/2010
1944	A/PERTH/219/2010
1945	A/AUCKLAND/56/2010
1946	A/SOUTH AUSTRALIA/414/2010
1947	A/VICTORIA/650/2010
1948	A/DARWIN/150/2010
1949	A/SOUTH AUSTRALIA/346/2010
1950	A/SOUTH AUSTRALIA/435/2010
1951	A/VICTORIA/906/2010
1952	A/BRUNEI/218/2010
1953	A/TOWNSVILLE/56/2010
1954	A/TOWNSVILLE/64/2010
1955	A/AUCKLAND/118/2010
1956	A/DARWIN/165/2010
1957	A/TOWNSVILLE/60/2010
1958	A/BRISBANE/253/2010
1959	A/duck/Yangzhou/013/2008
1960	A/goose/Tripura/103596/2008
1961	A/duck/Tripura/103597/2008
1962	A/chicken/Assam/140203/2008
1963	A/swine/Fujian/FZ/2008
1964	A/swine/Taizhou/5/2008
1965	A/swine/Yangzhou/1/2008
1966	A/Netherlands/26/2007
1967	A/Netherlands/213/2003
1968	A/chicken/Iran/AS130/1999
1969	A/chicken/Iran/AS120/2007
1970	A/chicken/Iran/AS123/2006
1971	A/chicken/Rostock/45/1934

1972	A/Jiangsu/S62/2009
1973	A/Nanjing/1655/2010
1974	A/Nanjing/1663/2010
1975	A/Bilthoven/1761/1976
1976	A/Bilthoven/21793/1972
1977	A/Netherlands/233/1982
1978	A/Switzerland/5165/2010
1979	A/swine/KU/16/2001
1980	A/Jiangsu/S61/2009
1981	A/Nanjing/1654/2010
1982	A/FIJI/52/2010
1983	A/DARWIN/178/2010
1984	A/SYDNEY/31/2010
1985	A/TOWNSVILLE/100/2010
1986	A/TOWNSVILLE/104/2010
1987	A/TOWNSVILLE/72/2010
1988	A/TOWNSVILLE/92/2010
1989	A/TOWNSVILLE/93/2010
1990	A/TOWNSVILLE/97/2010
1991	A/TOWNSVILLE/98/2010
1992	A/VICTORIA/1026/2010
1993	A/VICTORIA/1202/2010
1994	A/VICTORIA/1204/2010
1995	A/VICTORIA/500/2011
1996	A/VICTORIA/663/2010
1997	A/BRISBANE/1/2011
1998	A/BRUNEI/237/2010
1999	A/swine/Taiwan/CH-1204/2009
2000	A/swine/Taiwan/HL-1125/2009
2001	A/swine/Taiwan/PT-1204/2009
2002	A/FIJI/45/2010
2003	A/SRI LANKA/21/2010
2004	A/PHILIPPINES/5232/2010
2005	A/Ontario/130741/2010
2006	A/Ontario/3620/2010
2007	A/Ontario/720545/2010

2008	A/Ontario/741328/2010
2009	A/Ontario/778873/2010
2010	A/Ontario/804635/2010
2011	A/duck/Hokkaido/5/1977
2012	A/swine/Hubei/101/2009
2013	A/Taiwan/141/2002
2014	A/duck/Zambia/02/2008
2015	A/duck /Zambia/03/2008
2016	A/duck/Zambia/04/2008
2017	A/goose/Zambia/05/2008
2018	A/goose/Zambia/06/2008
2019	A/goose/Zambia/07/2008
2020	A/duck/Zambia/08/2009
2021	A/goose/Zambia/09/2009
2022	A/duck/Zambia/11/2009
2023	A/duck/Zambia/12/2009
2024	A/pelican/Zambia/13/2009
2025	A/swine/Thailand/CU-M8_2/2009
2026	A/Uganda/MUWRP-003/2008
2027	A/Uganda/MUWRP-006/2008
2028	A/Uganda/MUWRP-008/2008
2029	A/Uganda/MUWRP-009/2008
2030	A/Uganda/MUWRP-010/2008
2031	A/Uganda/MUWRP-012/2008
2032	A/Uganda/MUWRP-013/2008
2033	A/Uganda/MUWRP-016/2008
2034	A/Uganda/MUWRP-017/2008
2035	A/Uganda/MUWRP-018/2008
2036	A/Uganda/MUWRP-019/2008
2037	A/Uganda/MUWRP-020/2008
2038	A/Uganda/MUWRP-021/2008
2039	A/Uganda/MUWRP-022/2008
2040	A/Uganda/MUWRP-023/2008
2041	A/Uganda/MUWRP-024/2008
2042	A/Uganda/MUWRP-025/2008
2043	A/Uganda/MUWRP-027/2008

2044	A/Uganda/MUWRP-031/2008
2045	A/Uganda/MUWRP-032/2008
2046	A/Uganda/MUWRP-037/2008
2047	A/Uganda/MUWRP-038/2008
2048	A/Uganda/MUWRP-040/2008
2049	A/Uganda/MUWRP-041/2008
2050	A/Uganda/MUWRP-045/2008
2051	A/Uganda/MUWRP-046/2008
2052	A/Uganda/MUWRP-058/2009
2053	A/Uganda/MUWRP-061/2009
2054	A/Uganda/MUWRP-062/2009
2055	A/Uganda/MUWRP-065/2009
2056	A/Uganda/MUWRP-070/2009
2057	A/Uganda/MUWRP-074/2009
2058	A/Uganda/MUWRP-075/2009
2059	A/Uganda/MUWRP-079/2009
2060	A/Uganda/MUWRP-086/2009
2061	A/chicken/Tibet/S1/2009
2062	A/chicken/Tibet/S4/2009
2063	A/duck/Tibet/S2/2009
2064	A/swine/Pingtung/199-2/2002
2065	A/duck/Guangxi/912/2008
2066	A/swine/Nanchang/3/2010
2067	A/swine/Nanchang/F9/2010
2068	A/swine/Nanchang/5/2010
2069	A/swine/Nanchang/6/2010
2070	A/Muscovy duck/Fujian/FZ01/2008
2071	A/chicken/China/AH-10-01/2010
2072	A/swine/Guangdong/34/2006
2073	A/chicken/Bhutan/248009/2010
2074	A/reassortant/IgYRP2(California/07/2004 × Puerto Rico/8/1934)
2075	A/reassortant/IgYRP16(California/07/2004 × Puerto Rico/8/1934)
2076	A/reassortant/CDC2005712034(California/07/2004 × Puerto Rico/8/1934)
2077	A/Darwin/10/2011
2078	A/Darwin/70/2011
2079	A/Perth/29/2011

2080	A/Singapore/640/2010
2081	A/Changchun/01/2009
2082	A/duck/Shimane/188/1999
2083	A/swine/Argentina/CIP051-A2/2008
2084	A/swine/Guangdong/01/2008
2085	A/swine/Hubei/01/2009
2086	A/swine/Hubei/03/2009
2087	A/swine/Hubei/04/2009
2088	A/swine/Hubei/05/2009
2089	A/swine/Hubei/104/2009
2090	A/swine/Jiangsu/s15/2011
2091	A/swine/Jiangsu/s16/2011
2092	A/quail/Lebanon/272/2010
2093	A/Jiangsu/ALS1/2011
2094	A/openbill stork/Thailand/VSMU-4-NSN/2004
2095	A/openbill stork/Thailand/VSMU-5-NSN/2004
2096	A/openbill stork/Thailand/VSMU-6-BKK/2004
2097	A/openbill stork/Thailand/VSMU-8-BKK/2004
2098	A/openbill stork/Thailand/VSMU-12-BKK/2003
2099	A/duck/Viet Nam/TMU026/2009
2100	A/chicken/Viet Nam/TMU025/2009
2101	A/duck/Viet Nam/TMU022/2009
2102	A/duck/Viet Nam/TMU021/2009
2103	A/duck/Viet Nam/TMU017/2009
2104	A/chicken/Viet Nam/TMU009/2008
2105	A/chicken/Viet Nam/TMU007/2008
2106	A/duck/Viet Nam/TMU005/2008
2107	A/chicken/Viet Nam/TMU004/2008
2108	A/swine/Texas/4199-2/1998
2109	A/duck/Eastern China/008/2008
2110	A/duck/Eastern China/031/2009
2111	A/duck/Eastern China/108/2008
2112	A/duck/Eastern China/909/2009
2113	A/swine/Guangdong/K6/2010
2114	A/Hunan-Furong/SWL410/2011
2115	A/Beijing-Dongcheng/SWL51/2011

2116	A/Hunan/SWL throat swab2/2011
2117	A/Chongqing-Wanzhou/SWL53/2011
2118	A/Beijing-Xicheng/SWL1261/2011
2119	A/Hunan-Yanfeng/SWL140/2011
2120	A/Hunan/SWL throat swab9/2011
2121	A/Jiangxi/SWL throat swab1/2011
2122	A/Hunan-Xiangtan/SWL141/2011
2123	A/Jiangsu-Xinpu/SWL187/2011
2124	A/Sichuan-Chuanshan/SWL118/2011
2125	A/Heilongjiang-Xiangyang/SWL196/2011
2126	A/Shanghai-Jingan/SWL1230/2011
2127	A/Jilin-Chuanying/SWL1186/2011
2128	A/Gansu-Chengguan/SWL579/2011
2129	A/Guangdong-Xinxing/SWL198/2011
2130	A/Hunan-Yueyanglou/SWL143/2011
2131	A/Hunan-Yuhua/SWL173/2011
2132	A/Fujian-Gulou/SWL1103/2011
2133	A/Shanghai-Luwan/188/2011
2134	A/Heilongjiang-Xiangyang/1125/2011
2135	A/Heilongjiang-Xiangyang/1134/2011
2136	A/Jilin-Chuanying/1156/2011
2137	A/Chongqing-Wanzhou/182/2011
2138	A/Heilongjiang-Nangang/124/2011
2139	A/Liaoning-Haizhou/1118/2011
2140	A/Liaoning-Tiedong/1153/2011
2141	A/Heilongjiang-Xiangfang/SWL1528/2011
2142	A/Hunan-Jishou/SWL1116/2011
2143	A/Hunan-Beihu/1143/2011
2144	A/Hunan-Yanfeng/165/2011
2145	A/Heilongjiang-Taoshan/147/2011
2146	A/Hunan-Wuling/1304/2011
2147	A/Shanghai-Fengxian/1170/2011
2148	A/Heilongjiang-Longsha/SWL1181/2011
2149	A/Fujian-Xinluo/SWL1141/2011
2150	A/Hunan-Jishou/SWL1124/2011
2151	A/VICTORIA/506/2011

2152	A/VICTORIA/504/2011
2153	A/VICTORIA/508/2011
2154	A/PERTH/272/2010
2155	A/PHILIPPINES/3334/2010
2156	A/VICTORIA/512/2011
2157	A/SINGAPORE/617/2010
2158	A/TOWNSVILLE/7/2011
2159	A/TOWNSVILLE/122/2010
2160	A/PERTH/345/2010
2161	A/SINGAPORE/591/2010
2162	A/SINGAPORE/592/2010
2163	A/SINGAPORE/595/2010
2164	A/TOWNSVILLE/3/2011
2165	A/NEW CALEDONIA/6/2011
2166	A/SINGAPORE/11/2011
2167	A/SINGAPORE/13/2011
2168	A/DARWIN/52/2011
2169	A/DARWIN/53/2011
2170	A/BRISBANE/18/2011
2171	A/BRISBANE/32/2011
2172	A/CAMBODIA/72/2010
2173	A/SINGAPORE/7/2011
2174	A/TOWNSVILLE/20/2011
2175	A/SINGAPORE/6/2011
2176	A/TOWNSVILLE/31/2011
2177	A/BRISBANE/46/2011
2178	A/TASMANIA/2/2011
2179	A/BRISBANE/67/2011
2180	A/BRISBANE/69/2011
2181	A/BRUNEI/10/2011
2182	A/BRISBANE/76/2011
2183	A/TOWNSVILLE/47/2011
2184	A/DARWIN/82/2011
2185	A/VICTORIA/516/2011
2186	A/CHRISTCHURCH/1/2011
2187	A/TOWNSVILLE/48/2011

2188	A/PERTH/7/2011
2189	A/PERTH/28/2011
2190	A/VICTORIA/803/2011
2191	A/MACAU/600159/2011
2192	A/DARWIN/92/2011
2193	A/MACAU/600129/2011
2194	A/BRISBANE/127/2011
2195	A/CHRISTCHURCH/10/2011
2196	A/PHILIPPINES/1343/2011
2197	A/PHILIPPINES/471/2011
2198	A/PHILIPPINES/494/2011
2199	A/PHILIPPINES/477/2011
2200	A/SOUTH AUCKLAND/4/2011
2201	A/WELLINGTON/1/2011
2202	A/BRISBANE/152/2011
2203	A/BRISBANE/154/2011
2204	A/TOWNSVILLE/117/2010
2205	A/VICTORIA/502/2010
2206	A/NAURU/19/2011
2207	A/PERTH/382/2010
2208	A/SINGAPORE/587/2010
2209	A/SINGAPORE/589/2010
2210	A/SINGAPORE/630/2010
2211	A/SINGAPORE/616/2010
2212	A/VICTORIA/1036/2010
2213	A/BRISBANE/72/2011
2214	A/BRISBANE/151/2011
2215	A/duck/Jiangxi/k0701/2009
2216	A/blue-winged teal/Guatemala/CIP049-09/2010
2217	A/blue-winged teal/Guatemala/CIP049-15/2010
2218	A/blue-winged teal/Guatemala/CIP049-08/2010
2219	A/blue-winged teal/Guatemala/CIP049-07/2010
2220	A/blue-winged teal/Guatemala/CIP049-14/2010
2221	A/blue-winged teal/Guatemala/CIP049-13/2010
2222	A/blue-winged teal/Guatemala/CIP049-12/2010
2223	A/blue-winged teal/Guatemala/CIP049-06/2010

2224	A/blue-winged teal/Guatemala/CIP049-05/2010
2225	A/blue-winged teal/Guatemala/CIP049-04/2010
2226	A/blue-winged teal/Guatemala/CIP049-03/2009
2227	A/blue-winged teal/Guatemala/CIP049-11/2009
2228	A/blue-winged teal/Guatemala/CIP049-10/2009
2229	A/duck/Shandong/009/2008
2230	A/NAURU/3/2011
2231	A/DARWIN/6/2011
2232	A/NAURU/17/2011
2233	A/SYDNEY/5/2011
2234	A/TOWNSVILLE/58/2011
2235	A/Anas_platyrhynchos/Camargue/091863/09
2236	A/BRISBANE/183/2011
2237	A/BRISBANE/185/2011
2238	A/SYDNEY/12/2011
2239	A/BRISBANE/159/2011
2240	A/SOUTH AUCKLAND/6/2011
2241	A/BRISBANE/176/2011
2242	A/SOUTH AUSTRALIA/2/2011
2243	A/NEWCASTLE/14/2011
2244	A/TASMANIA/21/2011
2245	A/SOUTH AUSTRALIA/4/2011
2246	A/BRISBANE/500/2011
2247	A/BRISBANE/190/2011
2248	A/VICTORIA/809/2011
2249	A/duck/Lao/987/2010
2250	A/duck/Lao/986/2010
2251	A/duck/Lao/981/2010
2252	A/duck/Lao/980/2010
2253	A/environment/Lao/979/2010
2254	A/environment/Lao/977/2010
2255	A/duck/Lao/975/2010
2256	A/environment/Lao/964/2010
2257	A/duck/Lao/962/2010
2258	A/duck/Lao/961/2010
2259	A/duck/Lao/959/2010

2260	A/duck/Lao/670/2010
2261	A/duck/Lao/567/2010
2262	A/duck/Lao/471/2010
2263	A/duck/Lao/469/2010
2264	A/duck/Lao/463/2010
2265	A/duck/Lao/19/2010
2266	A/duck/Lao/9/2010
2267	A/duck/Lao/7/2010
2268	A/duck/Lao/6/2010
2269	A/chicken/Lao/LH1/2010
2270	A/New York/08-1326/2008
2271	A/New York/08-1253/2008
2272	A/chicken/Bhutan/248007/2010
2273	A/chicken/Bhutan/248006/2010
2274	A/chicken/Hubei/01/1999
2275	A/chicken/Hubei/01-MA01/1999
2276	A/water/Hebei/2/2009
2277	A/water/Hebei/3/2009
2278	A/environment/Guizhou/4/2009
2279	A/water/Hunan/3/2009
2280	A/water/Hunan/7/2009
2281	A/swine/Guangdong/L6/2009
2282	A/mink/Iowa/30943/2010
2283	A/dog/Shandong/JT01/2009
2284	A/swine/Guangdong/1/2010
2285	A/black-billed magpie/Guangxi/31/2005
2286	A/black-billed magpie/Guangxi/30/2005
2287	A/black-billed magpie/Guangxi/29/2005
2288	A/Mallard/Germany/1240/2007
2289	A/VICTORIA/529/2011
2290	A/NEWCASTLE/48/2011
2291	A/VICTORIA/5/2011
2292	A/SOUTH AUSTRALIA/14/2011
2293	A/VICTORIA/511/2011
2294	A/AUCKLAND/1/2011
2295	A/SOUTH AUSTRALIA/34/2011

2296	A/SOUTH AUSTRALIA/45/2011
2297	A/VICTORIA/546/2011
2298	A/NEWCASTLE/181/2011
2299	A/SINGAPORE/41/2011
2300	A/BRISBANE/281/2011
2301	A/TASMANIA/26/2011
2302	A/CHRISTCHURCH/23/2011
2303	A/CHRISTCHURCH/28/2011
2304	A/PHILIPPINES/2472/2011
2305	A/VICTORIA/860/2011
2306	A/VICTORIA/861/2011
2307	A/VICTORIA/862/2011
2308	A/VICTORIA/864/2011
2309	A/VICTORIA/865/2011
2310	A/TONGA/1/2011
2311	A/VICTORIA/304/2011
2312	A/VICTORIA/636/2011
2313	A/WELLINGTON/14/2011
2314	A/CHRISTCHURCH/54/2011
2315	A/VICTORIA/103/2011
2316	A/PERTH/86/2011
2317	A/VICTORIA/335/2011
2318	A/BRISBANE/358/2011
2319	A/SOUTH AUSTRALIA/280/2011
2320	A/SYDNEY/27/2011
2321	A/duck/Fujian/FQ2/2007
2322	A/Valencia/S025243/2011
2323	A/Valencia/S010111/2012
2324	A/Catalonia/S4320/2011
2325	A/Catalonia/S4345/2011
2326	A/Catalonia/S4360/2012
2327	A/Catalonia/S4365/2012
2328	A/Catalonia/S4367/2012
2329	A/Victoria/361/2011
2330	A/PERTH/39/2011
2331	A/SINGAPORE/18/2011

2332	A/TOWNSVILLE/95/2011
2333	A/BRISBANE/229/2011
2334	A/VICTORIA/9/2011
2335	A/VICTORIA/1002/2011
2336	A/PERTH/49/2011
2337	A/SYDNEY/17/2011
2338	A/SOUTH AUSTRALIA/68/2011
2339	A/VICTORIA/821/2011
2340	A/VICTORIA/822/2011
2341	A/SYDNEY/516/2011
2342	A/TOWNSVILLE/104/2011
2343	A/BRISBANE/503/2011
2344	A/NEWCASTLE/168/2011
2345	A/NEWCASTLE/170/2011
2346	A/CAMBODIA/11/2011
2347	A/CANBERRA/10/2011
2348	A/NEWCASTLE/204/2011
2349	A/SYDNEY/56/2011
2350	A/CHRISTCHURCH/18/2011
2351	A/PERTH/59/2011
2352	A/PHILIPPINES/2469/2011
2353	A/PHILIPPINES/959/2011
2354	A/GOROKA/6/2011
2355	A/BRISBANE/360/2011
2356	A/DARWIN/103/2011
2357	A/NEWCASTLE/179/2011
2358	A/SYDNEY/74/2011
2359	A/Catalonia/S4395/2012
2360	A/Catalonia/S4410/2012
2361	A/Catalonia/S4420/2012
2362	A/Catalonia/S4421/2012
2363	A/Catalonia/S4429/2012
2364	A/Valencia/S010319/2012
2365	A/Valencia/S01030G/2012
2366	A/Valencia/S010343/2012
2367	A/chicken/India/CA0301/2011

2368	A/chicken/India/CA0302/2011
2369	A/chicken/India/CA0303/2011
2370	A/chicken/India/CL03485/2011
2371	A/swine/Henan/4/2010
2372	A/chicken/Egypt/Q1011/2010
2373	A/chicken/Egypt/Q1185/2010
2374	A/Catalonia/S4451/2012
2375	A/Catalonia/S4454/2012
2376	A/Catalonia/S4468/2012
2377	A/Catalonia/S4477/2012
2378	A/Catalonia/S4485/2012
2379	A/Catalonia/S4496/2012
2380	A/Catalonia/S4497/2012
2381	A/BRISBANE/70/2011
2382	A/swine/Hebei/10/2006
2383	A/turkey/Ontario/FAV-10/2011
2384	A/chicken/Sikkim/151464/2009
2385	A/turkey/Ontario/FAV-9/2011
2386	A/turkey/Ontario/FAV-3/2011
2387	A/Kunming/1-Va10/2005
2388	A/Kenya/083/2010
2389	A/Kenya/090/2010
2390	A/Kenya/093/2010
2391	A/Kenya/082/2010
2392	A/Kenya/084/2010
2393	A/Kenya/086/2010
2394	A/Kenya/092/2010
2395	A/Kenya/094/2010
2396	A/common buzzard/Bulgaria/38WB/2010
2397	A/Kenya/196/2011
2398	A/VICTORIA/356/2011
2399	A/PERTH/175/2011
2400	A/CHRISTCHURCH/60/2011
2401	A/VICTORIA/362/2011
2402	A/GOROKA/5/2011
2403	A/PERTH/219/2011

2404	A/PERTH/183/2011
2405	A/BRISBANE/382/2011
2406	A/VICTORIA/714/2011
2407	A/BRISBANE/395/2011
2408	A/Tasmania/32/2011
2409	A/SOUTH AUSTRALIA/299/2011
2410	A/VICTORIA/704/2011
2411	A/VICTORIA/892/2011
2412	A/TASMANIA/31/2011
2413	A/duck/Hubei/10/2010
2414	A/duck/Hubei/2/2010
2415	A/duck/Hubei/5/2010
2416	A/duck/Hubei/5/2010
2417	A/duck/Hubei/5/2010
2418	A/Chicken/Laos/Xaythiani 26/2006
2419	A/Viet Nam/1203/2004
2420	A/Thailand/1(KAN-1)/2004
2421	A/CAMBODIA/40/2011
2422	A/BRISBANE/402/2011
2423	A/VICTORIA/725/2011
2424	A/SOUTH AUSTRALIA/318/2011
2425	A/SRI LANKA/24/2011
2426	A/SYDNEY/97/2011
2427	A/PERTH/305/2011
2428	A/PERTH/317/2011
2429	A/TOWNSVILLE/133/2011
2430	A/BRISBANE/413/2011
2431	A/BRISBANE/417/2011
2432	A/CAMBODIA/70/2011
2433	A/FIJI/1/2012
2434	A/CAMBODIA/69/2011
2435	A/VICTORIA/631/2011
2436	A/SINGAPORE/62/2011
2437	A/FIJI/3/2012
2438	A/FIJI/2/2012
2439	A/CAMBODIA/53/2011

2440	A/VICTORIA/730/2011
2441	A/SINGAPORE/60/2011
2442	A/CAMBODIA/29/2011
2443	A/CAMBODIA/74/2011
2444	A/Sri Lanka/32/2010
2445	A/chicken/Shandong/1/2008
2446	A/chicken/India/241272/2010
2447	A/Muscovy duck/Fujian/CL/1997
2448	A/chicken/Sheny/0606/2008
2449	A/chicken/Saudi Arabia/CP7/1998
2450	A/Indonesia/5/2005
2451	A/ferret/Indonesia/5-F1/2005
2452	A/ferret/Indonesia/5-F2/2005
2453	A/ferret/Indonesia/5-F3/2005
2454	A/ferret/Indonesia/5-F5/2005
2455	A/ferret/Indonesia/5-F6/2005
2456	A/ferret/Indonesia/5-F7/2005
2457	A/BRISBANE/11/2012
2458	A/BRISBANE/1/2012
2459	A/TASMANIA/1/2012
2460	A/TOWNSVILLE/1/2012
2461	A/Catalonia/S5014/2012
2462	A/Catalonia/S5017/2012
2463	A/Catalonia/S5029/2012
2464	A/Catalonia/S5036/2012
2465	A/Catalonia/S5063/2012
2466	A/Singapore/GP1020/2009
2467	A/Singapore/GP1022/2009
2468	A/Singapore/GP1087/2009
2469	A/Singapore/GP1090/2009
2470	A/Singapore/GP1092/2009
2471	A/Singapore/GP1094/2009
2472	A/Singapore/GP1097/2009
2473	A/Singapore/GP1099/2009
2474	A/Singapore/GP1102/2009
2475	A/Singapore/GP1107/2009

2476	A/Singapore/GP1114/2009
2477	A/Singapore/GP1120/2009
2478	A/Singapore/GP1122/2009
2479	A/Singapore/GP1124/2009
2480	A/Singapore/GP1127/2009
2481	A/Singapore/GP1132/2009
2482	A/Singapore/GP1136/2009
2483	A/Singapore/GP1137/2009
2484	A/Singapore/GP1142/2009
2485	A/Singapore/GP1146/2009
2486	A/Singapore/GP1164/2009
2487	A/Singapore/GP1167/2009
2488	A/Singapore/GP1169/2009
2489	A/Singapore/GP1174/2009
2490	A/Singapore/GP1178/2009
2491	A/Singapore/GP2215/2009
2492	A/Singapore/GP2223/2009
2493	A/Singapore/GP2238/2009
2494	A/Singapore/GP2242/2009
2495	A/Singapore/GP2252/2009
2496	A/Singapore/GP2293/2009
2497	A/Singapore/GP2315/2009
2498	A/Singapore/GP2317/2009
2499	A/Singapore/GP2640/2009
2500	A/Singapore/GP2649/2009
2501	A/Singapore/GP2658/2009
2502	A/Singapore/GP2672/2009
2503	A/Singapore/GP2680/2009
2504	A/Singapore/GP2693/2009
2505	A/Singapore/GP2697/2009
2506	A/Singapore/GP2709/2009
2507	A/Singapore/GP2714/2009
2508	A/Singapore/GP2982/2009
2509	A/Singapore/GP2987/2009
2510	A/Singapore/GP3009/2009
2511	A/Singapore/GP3012/2009

2512	A/Singapore/GP3069/2009
2513	A/Singapore/GP3081/2009
2514	A/Singapore/GP3187/2009
2515	A/Singapore/GP3491/2009
2516	A/Singapore/GP3545/2009
2517	A/Singapore/GP3710/2009
2518	A/Singapore/GP3839/2009
2519	A/Singapore/GP3912/2009
2520	A/Singapore/GP4000/2009
2521	A/Singapore/GP4012/2009
2522	A/Singapore/GP4148/2009
2523	A/Singapore/GP4218/2009
2524	A/Singapore/GP4539/2009
2525	A/Singapore/GP4309/2009
2526	A/Singapore/GP4381/2009
2527	A/Singapore/GP4556/2009
2528	A/BRISBANE/3/2012
2529	A/Singapore/GP4895/2009
2530	A/Singapore/GP4915/2009
2531	A/Singapore/ON1048/2009
2532	A/Singapore/ON1058/2009
2533	A/Singapore/ON1063/2009
2534	A/Singapore/ON1069/2009
2535	A/Singapore/ON1074/2009
2536	A/Singapore/ON1079/2009
2537	A/Singapore/ON1091/2009
2538	A/Singapore/ON1095/2009
2539	A/Singapore/ON1102/2009
2540	A/Singapore/ON1107/2009
2541	A/Singapore/ON1114/2009
2542	A/Singapore/ON1121/2009
2543	A/Singapore/GP674/2009
2544	A/Singapore/GP687/2009
2545	A/Singapore/ON1760/2009
2546	A/Singapore/ON1808/2009
2547	A/Singapore/ON1852/2009

2548	A/Singapore/ON1858/2009
2549	A/Singapore/ON1888/2009
2550	A/Singapore/ON1908/2009
2551	A/Singapore/ON1911/2009
2552	A/Singapore/ON1921/2009
2553	A/Singapore/ON1924/2009
2554	A/Singapore/ON193/2009
2555	A/Singapore/ON1934/2009
2556	A/Singapore/ON1955/2009
2557	A/Singapore/ON2009/2009
2558	A/Singapore/ON201/2009
2559	A/Singapore/ON2081/2009
2560	A/Singapore/ON2095/2009
2561	A/Singapore/ON2135/2009
2562	A/Singapore/ON2136/2009
2563	A/Latvia/1-49852/2012
2564	A/Singapore/ON2168/2009
2565	A/Singapore/ON2180/2009
2566	A/Singapore/ON2224/2009
2567	A/Singapore/ON2250/2009
2568	A/Singapore/ON279/2009
2569	A/Singapore/ON305/2009
2570	A/Singapore/ON313/2009
2571	A/Singapore/ON355/2009
2572	A/Singapore/ON360/2009
2573	A/Latvia/1-35583/2012
2574	A/Latvia/1-37528/2012
2575	A/Singapore/ON2416/2009
2576	A/Singapore/ON402/2009
2577	A/Singapore/ON479/2009
2578	A/Singapore/ON496/2009
2579	A/Singapore/ON506/2009
2580	A/Singapore/ON547/2009
2581	A/Singapore/ON575/2009
2582	A/Singapore/ON580/2009
2583	A/Singapore/ON799/2009

2584	A/Singapore/ON800/2009
2585	A/Singapore/ON802/2009
2586	A/Singapore/ON805/2009
2587	A/Singapore/ON807/2009
2588	A/Singapore/ON809/2009
2589	A/Singapore/ON811/2009
2590	A/Singapore/ON812/2009
2591	A/Singapore/ON816/2009
2592	A/Singapore/ON822/2009
2593	A/Singapore/CGH02/2011
2594	A/Singapore/EN1/2011
2595	A/Singapore/GP4/2011
2596	A/Singapore/EN34/2011
2597	A/Singapore/GP39/2011
2598	A/Singapore/GP433/2011
2599	A/Singapore/GP448/2011
2600	A/Singapore/GP479/2011
2601	A/Singapore/GP496/2011
2602	A/Singapore/GP62/2011
2603	A/Singapore/GP715/2011
2604	A/Singapore/GP808/2011
2605	A/Singapore/GP81/2011
2606	A/Singapore/GP846/2011
2607	A/Singapore/GP871/2011
2608	A/Singapore/GP887/2011
2609	A/Singapore/GP892/2011
2610	A/Singapore/GP908/2011
2611	A/Singapore/GP917/2011
2612	A/Singapore/KK12/2011
2613	A/Singapore/KK19/2011
2614	A/Singapore/KK35/2011
2615	A/Singapore/KK85/2011
2616	A/Singapore/KK105/2011
2617	A/Singapore/TT108/2011
2618	A/Singapore/TT117/2011
2619	A/Singapore/TT127/2011

2620	A/Singapore/TT58/2011
2621	A/swine/Taichung/14-6/1999
2622	A/swine/Miaoli/20-6/2001
2623	A/swine/Matsu/31-18/2001
2624	A/swine/Kinmen/55-9/2001
2625	A/swine/Taichung/88-13/2001
2626	A/swine/Pingtung/31-8/2002
2627	A/swine/Pingtung/32-9/2002
2628	A/swine/Taichung/36-3/2002
2629	A/swine/Kaohsiung/38-2/2002
2630	A/swine/Matsu/42-1/2002
2631	A/swine/Pingtung/44-1/2002
2632	A/swine/Taoyuan/45-1/2002
2633	A/swine/Matsu/64-10/2002
2634	A/swine/Taoyuan/45-8/2002
2635	A/swine/Chiayi/68-1CM4/2002
2636	A/swine/Chiayi/68-5/2002
2637	A/swine/Taipei/76-4/2002
2638	A/swine/Chiayi/70-1/2002
2639	A/swine/Pingtung/79-7/2002
2640	A/swine/Matsu/116-15/2002
2641	A/swine/Miaoli/178-9/2002
2642	A/swine/Yunlin/19-1/2003
2643	A/swine/Pingtung/36-7/2003
2644	A/swine/Changhua/198-9/2002
2645	A/swine/Pingtung/1-10/2003
2646	A/swine/Yunlin/52-3/2003
2647	A/swine/Changhua/72-10F11/2003
2648	A/swine/Miaoli/56-1/2003
2649	A/swine/Tainan/83-1/2003
2650	A/swine/Taipei/75-1/2003
2651	A/swine/Matsu/97-6/2003
2652	A/swine/Changhua/72-10B5/2003
2653	A/swine/Tainan/5-8/2003
2654	A/swine/Changhua/126-8/2003
2655	A/swine/Taipei/149-10/2002

2656	A/swine/Kaohsiung/162-4/2002
2657	A/swine/Matsu/132-10/2003
2658	A/swine/Tainan/129-1/2003
2659	A/swine/Taipei/75-10/2003
2660	A/swine/Pingtung/111-7/2003
2661	A/swine/Pingtung/113-11/2003
2662	A/swine/Chiayi/127-1/2003
2663	A/swine/Matsu/133-3/2003
2664	A/swine/Kinmen/135-21/2003
2665	A/swine/Kinmen/135-40/2003
2666	A/swine/Changhua/161-1/2003
2667	A/swine/Kinmen/135-42/2003
2668	A/swine/Taoyuan/160-1/2003
2669	A/swine/Changhua/173-1/2003
2670	A/swine/Changhua/185-7/2003
2671	A/swine/Tainan/18-1/2004
2672	A/swine/Tainan/18-9M3C1/2004
2673	A/swine/Changhua/102-1/2002
2674	A/swine/Tainan/18-9MD3/2004
2675	A/swine/Taichung/50-1/2004
2676	A/swine/Ilan/19-3/2005
2677	A/swine/Tainan/45-11/2005
2678	A/swine/Tainan/46-4/2005
2679	A/swine/Pingtung/80-2/2005
2680	A/swine/Yunlin/18-3/2009
2681	A/swine/Hwalien/167-7/2009
2682	A/swine/Pingtung/96-6/2004
2683	A/swine/Pingtung/230-13/2009
2684	A/swine/Hwalien/168-4/2009
2685	A/swine/Tainan/383-5/2009
2686	A/swine/Kaohsiung/254-2/2009
2687	A/swine/Changhua/415-7/2009
2688	A/swine/Taoyuan/9-5/2010
2689	A/swine/Taitung/110-2/2010
2690	A/swine/Taiwan Ex USA/28-9/2010
2691	A/chicken/Guangdong/TS/2004

2692	A/chicken/Guangdong/V/2008
2693	A/duck/Guangdong/E1/2012
2694	A/chicken/Guangdong/C273/2011
2695	A/condor/Guangdong/139/2003
2696	A/duck/Guangdong/1/1996
2697	A/swine/Zhejiang/01/2008
2698	A/swine/Hubei/02/2008
2699	A/swine/Hunan/3/2008
2700	A/parrot/Guangdong/C99/2005
2701	A/parrot/Guangdong/258/2004
2702	A/Singapore/GP10/2010
2703	A/Singapore/GP33/2010
2704	A/Singapore/GP132/2010
2705	A/Singapore/GP155/2010
2706	A/Singapore/GP329/2010
2707	A/Singapore/GP220/2010
2708	A/Singapore/GP241/2010
2709	A/Singapore/GP256/2010
2710	A/Singapore/GP413/2010
2711	A/Singapore/GP398/2010
2712	A/Singapore/GP437/2010
2713	A/Singapore/GP489/2010
2714	A/Singapore/GP512/2010
2715	A/Singapore/GP266/2010
2716	A/Singapore/KK04/2010
2717	A/Singapore/TT37/2010
2718	A/Singapore/GP567/2010
2719	A/Singapore/GP661/2010
2720	A/Singapore/GP735/2010
2721	A/Singapore/GP758/2010
2722	A/Singapore/GP643/2010
2723	A/Singapore/KK77/2010
2724	A/Singapore/GP720/2010
2725	A/Singapore/TT114/2010
2726	A/Singapore/EN35/2010
2727	A/Singapore/GP784/2010

2728	A/Singapore/GP811/2010
2729	A/Singapore/GP690/2010
2730	A/Singapore/KK80/2010
2731	A/Singapore/KK70/2010
2732	A/Singapore/GP1003/2010
2733	A/Singapore/GP1012/2010
2734	A/Singapore/GP1035/2010
2735	A/Singapore/GP1040/2010
2736	A/Singapore/KK111/2010
2737	A/Singapore/KK103/2010
2738	A/Singapore/KK98/2010
2739	A/Singapore/EN39/2010
2740	A/Singapore/GP965/2010
2741	A/Singapore/GP866/2010
2742	A/Singapore/KK90/2010
2743	A/Singapore/GP820/2010
2744	A/Singapore/TT150/2010
2745	A/Singapore/KK136/2010
2746	A/Singapore/KK140/2010
2747	A/Singapore/GP1577/2010
2748	A/Singapore/GP1382/2010
2749	A/Singapore/GP1112/2010
2750	A/Singapore/TT134/2010
2751	A/Singapore/GP185/2010
2752	A/Singapore/SS09/2010
2753	A/Singapore/TT255/2010
2754	A/Singapore/TT289/2010
2755	A/Singapore/KK315/2010
2756	A/Singapore/GP2257/2010
2757	A/Singapore/SS35/2010
2758	A/Singapore/SS34/2010
2759	A/Singapore/EN103/2010
2760	A/Singapore/EN107/2010
2761	A/Singapore/TT350/2010
2762	A/Singapore/TT335/2010
2763	A/Singapore/KK444/2010

2764	A/Singapore/KK441/2010
2765	A/Singapore/KK415/2010
2766	A/Singapore/KK376/2010
2767	A/Singapore/GP3442/2010
2768	A/Singapore/GP3481/2010
2769	A/Singapore/GP3532/2010
2770	A/Singapore/GP3563/2010
2771	A/Singapore/GP3610/2010
2772	A/Singapore/GP3667/2010
2773	A/Singapore/GP3693/2010
2774	A/Singapore/KK467/2010
2775	A/Singapore/KK495/2010
2776	A/Singapore/SS37/2010
2777	A/Singapore/TT418/2010
2778	A/Singapore/TT421/2010
2779	A/Singapore/TT428/2010
2780	A/Singapore/SS38/2010
2781	A/Singapore/SS39/2010
2782	A/Singapore/SS40/2010
2783	A/Singapore/SS41/2010
2784	A/Singapore/TT414/2010
2785	A/Singapore/TT437/2010
2786	A/Singapore/GP4099/2010
2787	A/Singapore/GP4138/2010
2788	A/Singapore/TT450/2010
2789	A/Singapore/TT454/2010
2790	A/Singapore/TT459/2010
2791	A/Singapore/EN193/2010
2792	A/Singapore/GP4215/2010
2793	A/Singapore/GP4217/2010
2794	A/Singapore/GP4236/2010
2795	A/Singapore/GP4244/2010
2796	A/Singapore/GP4255/2010
2797	A/Singapore/GP4266/2010
2798	A/Singapore/GP4276/2010
2799	A/Singapore/GP4281/2010

2800	A/Singapore/GP4300/2010
2801	A/Singapore/GP4307/2010
2802	A/Singapore/GP4353/2010
2803	A/Singapore/GP4363/2010
2804	A/Singapore/GP4367/2010
2805	A/Singapore/GP4344/2010
2806	A/Singapore/GP4406/2010
2807	A/Singapore/GP4444/2010
2808	A/Singapore/GP4523/2010
2809	A/Singapore/GP4610/2010
2810	A/Singapore/GP4565/2010
2811	A/Singapore/KK734/2010
2812	A/swine/Guangdong/K4/2011
2813	A/canine/Korea/01/2007
2814	A/Liaoning/1/2009
2815	A/reassortant/IVR-148(Brisbane/59/2007 × Texas/1/1977)
2816	A/reassortant/IVR-148(Brisbane/59/2007 × Texas/1/1977)
2817	A/reassortant/IVR-148(Brisbane/59/2007 × Texas/1/1977)
2818	A/reassortant/IVR-148(Brisbane/59/2007 × Texas/1/1977)
2819	A/duck/Jiangsu/10-d4/2011
2820	A/duck/Guangdong/W12/2011
2821	A/chicken/Korea/01310_CE20/2001
2822	A/chicken/Korea/01310/2001
2823	A/swine/Mexico/Mex19/2010
2824	A/swine/Mexico/Mex50/2010
2825	A/swine/Mexico/Mex51/2010
2826	A/swine/Mexico/Mex52/2010
2827	A/swine/Mexico/Mich40/2010
2828	A/swine/Mexico/Qro32/2010
2829	A/swine/Mexico/Qro35/2010
2830	A/swine/Mexico/Ver29/2010
2831	A/swine/Mexico/Ver31/2010
2832	A/swine/Mexico/Ver37/2010
2833	A/Singapore/C2009.458V/2009
2834	A/Singapore/C2009.518V/2009
2835	A/Singapore/C2009.715V/2009

2836	A/Singapore/C2010.036V/2010
2837	A/Singapore/C2010.304V/2010
2838	A/Singapore/C2010.362V/2010
2839	A/Singapore/C2010.471aV/2010
2840	A/Singapore/C2010.682V/2010
2841	A/Singapore/C2010.803V/2010
2842	A/Singapore/C2010.937V/2010
2843	A/Singapore/C2011.027V/2011
2844	A/Singapore/C2011.362V/2011
2845	A/Singapore/C2011.507V/2011
2846	A/Singapore/C2011.584V/2011
2847	A/Singapore/H2009.332C/2009
2848	A/Singapore/H2009.334C/2009
2849	A/Singapore/H2009.471C/2009
2850	A/Singapore/H2010.321C/2010
2851	A/Singapore/H2010.370C/2010
2852	A/Singapore/H2010.471C/2010
2853	A/Singapore/H2010.559C/2010
2854	A/Singapore/H2010.564C/2010
2855	A/Singapore/H2010.666C/2010
2856	A/Singapore/H2011.140C/2011
2857	A/Singapore/H2011.460cC/2011
2858	A/Singapore/H2011.504C/2011
2859	A/Singapore/H2011.704C/2011
2860	A/Singapore/H2011.808bC/2011
2861	A/Singapore/C2011.545C/2011
2862	A/Singapore/C2009.803bV/2009
2863	A/egret/Hunan/1/2012
2864	A/Mexico/InDRE7218/2012
2865	A/chicken/Jalisco/CPA1/2012
2866	A/SOUTH AUSTRALIA/54/2012
2867	A/CANBERRA/5/2012
2868	A/VICTORIA/43/2012
2869	A/TASMANIA/12/2012
2870	A/NEW CALEDONIA/1/2012
2871	A/SOUTH AUSTRALIA/66/2012

2872	A/VICTORIA/535/2012
2873	A/TASMANIA/26/2012
2874	A/SOUTH AUSTRALIA/72/2012
2875	A/CHRISTCHURCH/503/2012
2876	A/CHRISTCHURCH/516/2012
2877	A/SOUTH AUCKLAND/1/2012
2878	A/WELLINGTON/3/2012
2879	A/CHRISTCHURCH/9/2012
2880	A/CHRISTCHURCH/8/2012
2881	A/VICTORIA/346/2012
2882	A/WELLINGTON/5/2012
2883	A/VICTORIA/92/2012
2884	A/SYDNEY/1001/2012
2885	A/CANBERRA/1001/2012
2886	A/VICTORIA/327/2012
2887	A/CANBERRA/33/2012
2888	A/CANBERRA/35/2012
2889	A/SRI LANKA/12/2012
2890	A/SYDNEY/205/2012
2891	A/CAMBODIA/31/2012
2892	A/WELLINGTON/21/2012
2893	A/WELLINGTON/19/2012
2894	A/WELLINGTON/36/2012
2895	A/WAIKATO/6/2012
2896	A/MACAU/600193/2012
2897	A/DARWIN/1001/2012
2898	A/canine/Guangdong/2/2011
2899	A/swine/Hubei/10/2008
2900	A/chicken/Tibet/LZ01/2010
2901	A/chicken/Jalisco/12283/2012
2902	A/equine/Kirgiziya/26/1974
2903	A/duck/Shanghai/C84/2009
2904	A/duck/Shanghai/28-1/2009
2905	A/environment/Hunan/3/2011
2906	A/turkey/Oregon/1971
2907	A/swine/HuBei/06/2009

2908	A/duck/HuBei/03/2010
2909	A/aquatic bird/Korea/CN5/2009
2910	A/duck/Jiangsu/m234/2012
2911	A/Kenya/223/2012
2912	A/Kenya/224/2012
2913	A/chicken/Nanjing/908/2009
2914	A/gull/Maryland/1824/1978
2915	A/wild duck/Korea/CSM4-28/2010
2916	A/wild bird/Korea/GS26/2006
2917	A/wild bird/Korea/GD42/2005
2918	A/wild bird/Korea/YS109/2007
2919	A/Kenya/225/2012
2920	A/long-tailed duck/Wisconsin/10OS4225/2010
2921	A/duck/Guangxi/GXd-5/2010
2922	A/long-tailed duck/Wisconsin/10OS3912/2010
2923	A/white-winged scoter/Wisconsin/10OS3922/2010
2924	A/chicken/Bac Lieu/1214/2007
2925	A/chicken/Ca Mau/1180/2006
2926	A/Mexico City/IBT22/2009
2927	A/Mexico City/IBT23/2009
2928	A/Mexico City/INER12/2009
2929	A/Mexico City/INER13/2009
2930	A/Mexico City/INER2/2009
2931	A/Mexico City/INER14/2009
2932	A/Mexico City/INER15/2009
2933	A/Mexico City/INER16/2009
2934	A/Mexico City/INER17/2010
2935	A/Mexico City/INER18/2010
2936	A/Mexico City/INER9/2010
2937	A/Mexico City/INER10/2010
2938	A/Mexico City/INER11/2010
2939	A/Mexico/InDRE2112/2005
2940	A/Mexico/InDRE2118/2005
2941	A/Mexico/InDRE2160/2005
2942	A/Mexico/InDRE2227/2005
2943	A/Mexico/InDRE2246/2005

2944	A/Mexico/InDRE2601/2003
2945	A/Mexico/InDRE2662/2003
2946	A/Mexico/InDRE756/2003
2947	A/Mexico/InDRE835/2003
2948	A/swine/Hunan/26/2010
2949	A/swine/Guangxi/12/2005
2950	A/swine/Henan/11/2005
2951	A/swine/Germany-NI/R3394/09
2952	A/ostrich/South Africa/AI2114/2011
2953	A/ostrich/South Africa/AI2214/2011
2954	A/ostrich/South Africa/AI2512/2011
2955	A/duck/Jiangsu/26/2004
2956	A/duck/Jiangsu/4/2010
2957	A/duck/Jiangsu/1-15/2011
2958	A/feline/Korea/01/2010
2959	A/wild duck/Korea/SNU50-5/2009
2960	A/wild duck/Korea/SNU50-5/2009
2961	A/chicken/Shandong/01/2010
2962	A/chicken/Shandong/02/2008
2963	A/chicken/Shandong/02/2009
2964	A/chicken/Shandong/02/2010
2965	A/chicken/Shandong/03/2010
2966	A/chicken/Shandong/BD/2008
2967	A/chicken/Shandong/BD/2010
2968	A/chicken/Shandong/H/2009
2969	A/chicken/Shandong/KD/2009
2970	A/chicken/Shandong/LY-1/2008
2971	A/chicken/Shandong/lx929/2007
2972	A/chicken/Shandong/WF/1998
2973	A/chicken/Shandong/lx1023/2007
2974	A/chicken/Heilongjiang/u/1998
2975	A/chicken/Shandong/01/2009
2976	A/AUCKLAND/64/2012
2977	A/BRISBANE/132/2012
2978	A/BRISBANE/153/2012
2979	A/BRISBANE/157/2012

2980	A/NEWCASTLE/33/2012
2981	A/NEWCASTLE/8/2012
2982	A/SOUTH AUCKLAND/106/2012
2983	A/SOUTH AUCKLAND/120/2012
2984	A/SOUTH AUSTRALIA/160/2012
2985	A/SYDNEY/195/2012
2986	A/SYDNEY/245/2012
2987	A/VICTORIA/469/2012
2988	A/VICTORIA/874/2012
2989	A/VICTORIA/920/2012
2990	A/WAIKATO/1/2012
2991	A/WELLINGTON/49/2012
2992	A/duck/Guangxi/GXd-3/2009
2993	A/duck/Guangxi/GXd-2/2010
2994	A/duck/Hebei/3/2011
2995	r1
2996	r12
2997	r123
2998	r1235
2999	r12356
3000	r123567
3001	r1235678
3002	r123568
3003	r12357
3004	r123578
3005	r12358
3006	r1236
3007	r12367
3008	r123678
3009	r12368
3010	r1237
3011	r12378
3012	r1238
3013	r125
3014	r1256
3015	r12567

3016	r125678
3017	r12568
3018	r1257
3019	r12578
3020	r1258
3021	r126
3022	r1267
3023	r12678
3024	r1268
3025	r127
3026	r1278
3027	r128
3028	r13
3029	r135
3030	r1356
3031	r13567
3032	r135678
3033	r13568
3034	r1357
3035	r13578
3036	r1358
3037	r136
3038	r1367
3039	r13678
3040	r1368
3041	r137
3042	r1378
3043	r138
3044	r15
3045	r156
3046	r1567
3047	r15678
3048	r1568
3049	r157
3050	r1578
3051	r158

3052	r16
3053	r167
3054	r1678
3055	r168
3056	r17
3057	r178
3058	r18
3059	r2
3060	r23
3061	r235
3062	r2356
3063	r23567
3064	r235678
3065	r23568
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3067	r23578
3068	r2358
3069	r236
3070	r2367
3071	r23678
3072	r2368
3073	r237
3074	r2378
3075	r238
3076	r25
3077	r256
3078	r2567
3079	r25678
3080	r2568
3081	r257
3082	r2578
3083	r258
3084	r26
3085	r267
3086	r2678
3087	r268

3088	r27
3089	r278
3090	r28
3091	r3
3092	r35
3093	r356
3094	r3567
3095	r35678
3096	r3568
3097	r357
3098	r3578
3099	r358
3100	r36
3101	r367
3102	r3678
3103	r368
3104	r37
3105	r378
3106	r38
3107	r5
3108	r56
3109	r567
3110	r5678
3111	r568
3112	r57
3113	r578
3114	r58
3115	r6
3116	r67
3117	r678
3118	r68
3119	r7
3120	r78
3121	r8
3122	A/South Australlia/176/2012
3123	A/Perth/296/2012

3124	A/South Australia/176/2012
3125	A/turkey/Islamabad/narc-7873/2007
3126	A/goose/Islamabad/narc-7757/2007
3127	A/chicken/Manshera/narc-10337/2007
3128	A/chicken/Bhutan/4/2010
3129	A/cinnamon teal/Mexico/2817/2006
3130	A/Hebei-Yuhua/SWL1250/2012 (H1N1v)
3131	A/chicken/India/81753/2008
3132	A/chicken/India/81754/2008
3133	A/chicken/India/82544/2008
3134	A/chicken/India/82580/2008
3135	A/chicken/India/83093/2008
3136	A/chicken/India/96880/2008
3137	A/chicken/India/85459/2008
3138	A/swine/HuNan/01/2008
3139	A/domestic green-winged teal/Hunan/3450/2006
3140	A/Liaoning/14/2009
3141	A/duck/Nanjing/1102/2010
3142	A/avian/Israel/824/2005
3143	A/avian/Israel/201/2001
3144	A/avian/Israel/218/2000
3145	A/avian/Israel/289/2001
3146	A/avian/Israel/297/2001
3147	A/avian/Israel/320/2001
3148	A/avian/Israel/457/2001
3149	A/domestic green-winged teal/Hunan/2036/2007
3150	A/canine/Guangdong/1/2011
3151	A/swine/Henan/YIL/2010
3152	A/Lyon/969/2009
3153	A/Japanese Quail/Vietnam/4/2009
3154	A/Rock Pigeon/Vietnam/6/2009
3155	A/goose/Guangdong/k0103/2010
3156	A/quail/Jiangsu/k0104/2010
3157	A/environment/Hangzhou/34-1/2013(H7N9)
3158	A/wild goose/Dongting/PC0360/2012
3159	A/wild goose/Dongting/C1037/2011

3160	A/Puerto Rico/8/1934
3161	A/BRISBANE/13/2013
3162	A/CHRISTCHURCH/502/2013
3163	A/DARWIN/39/2013
3164	A/DARWIN/48/2013
3165	A/MALAYSIA/783/2012
3166	A/NEWCASTLE/1/2013
3167	A/SINGAPORE/78/2012
3168	A/SOUTH AUSTRALIA/1/2013
3169	A/SOUTH AUSTRALIA/2/2013
3170	A/SOUTH AUSTRALIA/8/2013
3171	A/TOWNSVILLE/11/2013
3172	A/TOWNSVILLE/16/2013
3173	A/VICTORIA/1027/2012
3174	A/VICTORIA/800/2013
3175	A/MACAUI/600062/2013
3176	A/MACAUI/610117/2013
3177	A/PHILIPPINES/16/2009
3178	A/mallard/Netherlands/10-Nmkt/1999
3179	A/chicken/Jiangsu/RD5/2013
3180	A/mallard/Netherlands/10-Cam/1999
3181	A/chicken/Guangdong/LG1/2013
3182	A/canine/Guangdong/3/2011
3183	A/duck/Jiangsu/1/2008
3184	A/chicken/Guangxi/GXc-1/2011
3185	A/duck/Guangxi/GXd-1/2011
3186	A/sparrow/Guangxi/GXs-1/2012
3187	A/duck/Guangxi/GXd-4/2011
3188	A/duck/Guangxi/GXd-2/2012
3189	A/Muscovy duck/Guangxi/GXd-3/2012
3190	A/Singapore/C2009.496/2009
3191	A/Singapore/C2009.485a/2009
3192	A/Singapore/C2009.485b/2009
3193	A/Singapore/C2009.515/2009
3194	A/Singapore/C2009.863/2009
3195	A/Singapore/C2011.173/2011

3196	A/Singapore/C2011.244/2011
3197	A/Singapore/C2011.301/2011
3198	A/Singapore/C2011.384/2011
3199	A/Singapore/C2011.411/2011
3200	A/Singapore/C2011.422/2011
3201	A/Singapore/C2011.452/2011
3202	A/Singapore/C2011.458/2011
3203	A/Singapore/C2011.471/2011
3204	A/Singapore/C2011.477/2011
3205	A/Singapore/C2011.493/2011
3206	A/Singapore/C2011.496/2011
3207	A/Singapore/C2011.512/2011
3208	A/Singapore/C2011.518/2011
3209	A/Singapore/C2011.545C/2011
3210	A/Singapore/C2011.564/2011
3211	A/Singapore/C2011.573/2011
3212	A/Singapore/C2011.614/2011
3213	A/Singapore/C2011.641/2011
3214	A/Singapore/C2011.647/2011
3215	A/Singapore/C2011.803/2011
3216	A/Singapore/C2011.825/2011
3217	A/Singapore/H2009.389b/2009
3218	A/Singapore/H2009.334C/2009
3219	A/Singapore/H2009.332C/2009
3220	A/Singapore/H2009.485/2009
3221	A/Singapore/H2009.471C/2009
3222	A/Singapore/H2009.510/2009
3223	A/Singapore/H2009.518/2009
3224	A/Singapore/H2009.679/2009
3225	A/Singapore/H2010.211/2010
3226	A/Singapore/H2010.301/2010
3227	A/Singapore/H2010.321C/2010
3228	A/Singapore/H2010.370C/2010
3229	A/Singapore/H2010.384/2010
3230	A/Singapore/H2010.389/2010
3231	A/Singapore/H2010.471C/2010

3232	A/Singapore/H2010.559C/2010
3233	A/Singapore/H2010.564C/2010
3234	A/Singapore/H2010.619/2010
3235	A/Singapore/H2010.666C/2010
3236	A/Singapore/H2010.797/2010
3237	A/Singapore/H2010.822/2010
3238	A/Singapore/H2011.140C/2011
3239	A/Singapore/H2011.447/2011
3240	A/Singapore/H2011.460a/2011
3241	A/Singapore/H2011.460cC/2011
3242	A/Singapore/H2011.463/2011
3243	A/Singapore/H2011.471a/2011
3244	A/Singapore/H2011.471b/2011
3245	A/Singapore/H2011.471c/2011
3246	A/Singapore/H2011.474/2011
3247	A/Singapore/H2011.479/2011
3248	A/Singapore/H2011.482/2011
3249	A/Singapore/H2011.496/2011
3250	A/Singapore/H2011.499a/2011
3251	A/Singapore/H2011.504C/2011
3252	A/Singapore/H2011.507/2011
3253	A/Singapore/H2011.515/2011
3254	A/Singapore/H2011.518/2011
3255	A/Singapore/H2011.570/2011
3256	A/Singapore/H2011.704C/2011
3257	A/Singapore/H2011.751/2011
3258	A/Singapore/H2011.797/2011
3259	A/Singapore/H2011.808a/2011
3260	A/Singapore/H2011.808bC/2011
3261	A/Singapore/C2009.496/2009
3262	A/Singapore/C2009.458V/2009
3263	A/Singapore/C2009.485a/2009
3264	A/Singapore/C2009.485b/2009
3265	A/Singapore/C2009.515/2009
3266	A/Singapore/C2009.863/2009
3267	A/Singapore/C2010.937V/2010

3268	A/Singapore/C2011.027V/2011
3269	A/Singapore/C2011.173/2011
3270	A/Singapore/C2011.244/2011
3271	A/Singapore/C2011.301/2011
3272	A/Singapore/C2011.362V/2011
3273	A/Singapore/C2011.384/2011
3274	A/Singapore/C2011.411/2011
3275	A/Singapore/C2011.422/2011
3276	A/Singapore/C2011.452/2011
3277	A/Singapore/C2011.458/2011
3278	A/Singapore/C2011.471/2011
3279	A/Singapore/C2011.477/2011
3280	A/Singapore/C2011.493/2011
3281	A/Singapore/C2011.496/2011
3282	A/Singapore/C2011.507V/2011
3283	A/Singapore/C2011.512/2011
3284	A/Singapore/C2011.518/2011
3285	A/Singapore/C2011.564/2011
3286	A/Singapore/C2011.573/2011
3287	A/Singapore/C2011.584V/2011
3288	A/Singapore/C2011.614/2011
3289	A/Singapore/C2011.641/2011
3290	A/Singapore/C2011.647/2011
3291	A/Singapore/C2011.803/2011
3292	A/Singapore/C2011.825/2011
3293	A/Singapore/H2009.389b/2009
3294	A/Singapore/H2009.485/2009
3295	A/Singapore/H2009.510/2009
3296	A/Singapore/H2009.518/2009
3297	A/Singapore/H2009.679/2009
3298	A/Singapore/H2010.211/2010
3299	A/Singapore/H2010.301/2010
3300	A/Singapore/H2010.384/2010
3301	A/Singapore/H2010.389/2010
3302	A/Singapore/H2010.619/2010
3303	A/Singapore/H2010.797/2010

3304	A/Singapore/H2010.822/2010
3305	A/Singapore/H2011.447/2011
3306	A/Singapore/H2011.460a/2011
3307	A/Singapore/H2011.463/2011
3308	A/Singapore/H2011.471a/2011
3309	A/Singapore/H2011.471b/2011
3310	A/Singapore/H2011.471c/2011
3311	A/Singapore/H2011.474/2011
3312	A/Singapore/H2011.479/2011
3313	A/Singapore/H2011.482/2011
3314	A/Singapore/H2011.496/2011
3315	A/Singapore/H2011.499a/2011
3316	A/Singapore/H2011.507/2011
3317	A/Singapore/H2011.515/2011
3318	A/Singapore/H2011.518/2011
3319	A/Singapore/H2011.570/2011
3320	A/Singapore/H2011.751/2011
3321	A/Singapore/H2011.797/2011
3322	A/Singapore/H2011.808a/2011
3323	A/chicken/Taiwan/0101/2012
3324	A/chicken/Taiwan/A1997/2012
3325	A/duck/Guangxi/GXd-1/2009
3326	A/NEWCASTLE/85/2011
3327	A/NEWCASTLE/17/2011
3328	A/PERTH/38/2013
3329	A/SOUTH AUCKLAND/8/2013
3330	A/SOUTH AUSTRALIA/19/2013
3331	A/TOWNSVILLE/33/2013
3332	A/VICTORIA/500/2013
3333	A/Giessen/6/2009
3334	A/Kenya/267/2013
3335	A/Kenya/268/2013
3336	A/Singapore/H2013.060/2013
3337	A/finch/England/2051/1991
3338	A/chicken/Iran/ZMT-101/1998
3339	A/chicken/Iran/EBGV-88/2010

3340	A/swine/Thailand/UD400/2009
3341	A/swine/Thailand/PB483/2009
3342	A/swine/Thailand/CB069/2010
3343	A/swine/Thailand/CB143/2010
3344	A/swine/Thailand/PB486/2009
3345	A/swine/Thailand/LB159/2010
3346	A/swine/Thailand/LB160/2010
3347	A/swine/Thailand/LB171/2010
3348	A/swine/Thailand/CM480/2009
3349	A/swine/Thailand/PB484/2009
3350	A/duck/Guangxi/GXd-4/2009
3351	A/duck/Guangxi/GXd-6/2010
3352	A/duck/Guangxi/GXd-7/2011
3353	A/swine/Henan/1/2010
3354	A/environment/Hangzhou/34-2/2013(H9N2)
3355	A/swine/Guangdong/L22/2010
3356	A/swine/Guangdong/L23/2010
3357	A/wild duck/Shandong/1/2011
3358	A/wild duck/Shandong/2/2011
3359	A/wild duck/Shandong/628/2011
3360	A/wild duck/Jilin/HF/2011
3361	A/wild duck/Jilin/ZF/2011
3362	A/wild duck/Fujian/1/2011
3363	A/wild duck/Fujian/2/2011
3364	A/chicken/Japan/1925
3365	A/DARWIN/56/2013
3366	A/SRI LANKA/27/2013
3367	A/chicken/Hunan/1/2012
3368	A/chicken/Hunan/12/2011
3369	A/mallard/Sweden/111/2002
3370	A/swine/Wuerusreuth/IDT10990/2009
3371	A/swine/Papenburg/IDT12653/2010
3372	A/swine/Ebbinghof/IDT12991-1/2011
3373	A/swine/Ankum-Stockum/IDT13531/2011
3374	A/swine/Wettringen/IDT13795/2011
3375	A/swine/Freren/IDT13837-1/2011

3376	A/swine/Freren/IDT13837-2/2011
3377	A/swine/Althausen/IDT14031/2011
3378	A/swine/Duelmen/IDT14128/2011
3379	A/swine/Neumarkt/IDT14179/2011
3380	A/swine/Langefoerden/IDT14189/2011
3381	A/swine/Altenberge/IDT14252/2011
3382	A/swine/Niederwinden/IDT14445/2011
3383	A/swine/Tornitz/IDT14598/2012
3384	A/swine/Garrel/IDT14844/2012
3385	A/Jena/VI5258/2009
3386	A/Environment/Guangdong/C13281025/2013
3387	A/Environment/Guangdong/C13281030/2013
3388	A/environment/Guangdong/C13280011/2013
3389	A/environment/Guangdong/GD130184/2013
3390	A/environment/Guangdong/GD130206/2013
3391	A/environment/Guangdong/GD130210/2013
3392	A/environment/Guangdong/C13058260/2013
3393	A/environment/Guangdong/2013XN11652/2013
3394	A/environment/Guangdong/C13058252/2013
3395	A/GOROKA/23/2013
3396	A/BRISBANE/40/2013
3397	A/SOUTH AUCKLAND/7/2013
3398	A/TOWNSVILLE/37/2013
3399	A/SYDNEY/7/2013
3400	A/VICTORIA/518/2013
3401	A/CANBERRA/9/2013
3402	A/DARWIN/61/2013
3403	A/GOROKA/27/2013
3404	A/SYDNEY/1001/2013
3405	A/JOHANNESBURG/5/2013
3406	A/PERTH/508/2013
3407	A/VICTORIA/528/2013
3408	A/JOHANNESBURG/17/2013
3409	A/PERTH/60/2013
3410	A/BRISBANE/57/2013
3411	A/TASMANIA/4/2013

3412	A/PERTH/41/2013
3413	A/TASMANIA/3/2013
3414	A/SOUTH AUSTRALIA/38/2013
3415	A/SOUTH AUSTRALIA/43/2013
3416	A/TOWNSVILLE/41/2013
3417	A/CAMBODIA/X0206305/2013
3418	A/CAMBODIA/X0522305/2013
3419	A/SINGAPORE/GP927/2013
3420	A/CAMBODIA/X0717301/2013
3421	A/SYDNEY/1002/2013
3422	A/DARWIN/65/2013
3423	A/VICTORIA/553/2013
3424	A/SYDNEY/35/2013
3425	A/CHRISTCHURCH/521/2013
3426	A/CHRISTCHURCH/523/2013
3427	A/NEW CALEDONIA/29/2013
3428	A/CHRISTCHURCH/526/2013
3429	A/AUCKLAND/503/2013
3430	A/GOROKA/16/2013
3431	A/GOROKA/29/2013
3432	A/GOROKA/10/2013
3433	A/GOROKA/20/2013
3434	A/NEW CALEDONIA/27/2013
3435	A/TASMANIA/24/2013
3436	A/SYDNEY/50/2013
3437	A/CANBERRA/95/2013
3438	A/DARWIN/89/2013
3439	A/SYDNEY/54/2013
3440	A/SOUTH AUSTRALIA/77/2013
3441	A/PERTH/164/2013
3442	A/DARWIN/91/2013
3443	A/NEWCASTLE/39/2013
3444	A/SINGAPORE/KK457/2013
3445	A/Bilthoven/2271/1976
3446	A/Netherlands/178/1995
3447	A/Bilthoven/16190/1968

3448	A/wild waterfowl/Dongting/C2383/2012
3449	A/turkey/Egypt/S6405A/2012
3450	A/duck/Egypt/M2583C/2010
3451	A/chicken/Egypt/S3093A/2011
3452	A/chicken/Egypt/S3806D/2011
3453	A/chicken/Egypt/Q1184B/2010
3454	A/duck/Egypt/M2583B/2010
3455	A/chicken/Egypt/Q2247A/2010
3456	A/duck/Egypt/M2583A/2010
3457	A/goose/Egypt/M2788E/2011
3458	A/chicken/Egypt/Q1112E/2010
3459	A/chicken/Egypt/S3806B/2011
3460	A/chicken/Egypt/S3280E/2011
3461	A/chicken/Egypt/Q5283C/2012
3462	A/chicken/Egypt/Q1397D/2010
3463	A/chicken/Egypt/D4907A/2012
3464	A/duck/Egypt/S6419C/2012
3465	A/chicken/Egypt/Q2247B/2010
3466	A/duck/Guangdong/wy11/2008
3467	A/duck/Guangdong/wy19/2008
3468	A/duck/Guangdong/wy24/2008
3469	A/Hubei-Wujiagang/SWL1838/2013
3470	A/Shanghai-Changning/SWL1621/2013
3471	A/Sichuan-Qingyang/SWL1599/2013
3472	A/Hubei-Wuchang/SWL1322/2013
3473	A/Jiangsu-Tinghu/SWL1623/2013
3474	A/Fujian-Licheng/SWL1527/2013
3475	A/Guang-Xi-Xixiang-Tang/SWL1578/2013
3476	A/Zhejiang-Shangcheng/SWL1623/2013
3477	A/Guang-Xi-Xixiang-Tang/1698/2013
3478	A/Sichuan-Yucheng/SWL1693/2013
3479	A/Jiangsu-Tianning/1707/2013
3480	A/Jiangsu-Sucheng/SWL1726/2013
3481	A/Beijing-Xicheng-Nan-Pian/SWL11619/2013
3482	A/Zhejiang-Yuecheng/1612/2013
3483	A/Fujian-Xianyou/1309/2013

3484	A/Guizhou-Kaili/1641/2013
3485	A/Sichuan-Qingyang/SWL1544/2013
3486	A/Shanghai-Changning/SWL1568/2013
3487	A/Anhui-Yaohai/1704/2013
3488	A/Guangdong-Rongcheng/1715/2013
3489	A/Shanghai-Song-Jiang/1632/2013
3490	A/Jiangsu-Nanjing-Gulou/11776/2013
3491	A/Sichuan-Qingyang/1547/2013
3492	A/Anhui-Tianjiaan/1523/2013
3493	A/Hubei-Hongshan/1437/2013
3494	A/Jiangxi-Zhushan/1659/2013
3495	A/Hunan-Lengshuitan/11016/2013
3496	A/Shanghai-Pudongxin/1904/2013
3497	A/Guangdong-Dongguan-Ben-Di/1695/2013
3498	A/Beijing-Huairou/11379/2013
3499	A/Fujian-Fengze/1335/2013
3500	A/Guizhou-Duyun/1652/2013
3501	A/Anhui-Baohe/1694/2013
3502	A/Yunnan-Wenshan/1329/2013
3503	A/Fujian-Yanping/2707/2013
3504	A/Chongqing-Yuzhong/11653/2013
3505	A/Jiangxi-Xunyang/1790/2013
3506	A/Shanghai-Minxing/SWL1660/2013
3507	A/Shaanxi-Hancheng/SWL310/2013
3508	A/swine/London/Scholtissek lab
3509	A/swine/England/117316/1986
3510	A/duck/Jiangsu/1-MA/2008
3511	A/La Reunion/803/2010
3512	A/swine/Saerbeck/IDT13755/2011
3513	A/swine/Lohne/IDT13821/2011
3514	A/swine/Heudorf-Messkirch/IDT14176/2011
3515	A/swine/Albersloh/IDT14635-1/2012
3516	A/swine/Albersloh/IDT14635-3/2012
3517	A/swine/Moeglingen/IDT14859/2012
3518	A/swine/Garrel/IDT14891/2012
3519	A/swine/Garrel/IDT14892/2012

3520	A/swine/Warendorf/IDT15018/2012
3521	A/equine/Richmond/1/2007
3522	A/feline/Guangdong/1/2011
3523	A/wild waterfowl/Dongting/C2032/2011
3524	A/wild waterfowl/Dongting/C2149/2011
3525	A/wild waterfowl/Dongting/C2203/2011
3526	A/wild waterfowl/Dongting/C3109 /2011
3527	A/wild waterfowl/Dongting/C4429/2012
3528	A/wild waterfowl/Dongting/C4430/2012
3529	A/wild waterfowl/Dongting/PC2539/2012
3530	A/wild waterfowl/Dongting/PC2540/2012
3531	A/wild waterfowl/Dongting/PC2553/2012
3532	A/wild waterfowl/Dongting/PC2559/2012
3533	A/wild waterfowl/Dongting/PC2560/2012
3534	A/Japanese white-eye/Taoyuan/Q454/2012
3535	A/duck/Hubei/xn/2007
3536	A/duck/Moscow/4182/2010
3537	A/New Zealand/1212d/2009
3538	A/New Zealand/1212f/2009
3539	A/New Zealand/2047/2009
3540	A/New Zealand/1212e/2009
3541	A/chicken/Henan/Q7/2013
3542	A/call duck/Maryland/S698/2004
3543	A/Guangdong/ST798/2008
3544	A/mallard/QC/2323-25/2006
3545	A/Chicken/Nanjing/761/2013
3546	A/Chicken/Suzhou/097-1/2013
3547	A/Chicken/Nanjing/106-2/2013
3548	A/Chicken/Nanjing/503/2013
3549	A/Chicken/Nanjing/023/2013
3550	A/Chicken/Nantong/031-2/2013
3551	A/SYDNEY/1015/2013
3552	A/AUCKLAND/550/2013
3553	A/CANBERRA/113/2013
3554	A/SOUTH AUCKLAND/43/2013
3555	A/VICTORIA/657/2013

3556	A/BRISBANE/193/2013
3557	A/NORTH WEST AUCKLAND/6/2013
3558	A/NELSON MARLBOROUGH/1/2013
3559	A/HAWKES BAY/1/2013
3560	A/VICTORIA/229/2013
3561	A/CANBERRA/120/2013
3562	A/DARWIN/102/2013
3563	A/swine/BaRiaVungTau/02-17-2/2011
3564	A/Gainesville/08/2013
3565	A/Gainesville/05/2014
3566	A/turtledove/Guangxi/49B6/2013
3567	A/swine/BinhDuong/01-10/2010
3568	A/FIJI/8/2013
3569	A/TASMANIA/2/2014
3570	A/NEW CALEDONIA/51/2013
3571	A/PERTH/3/2014
3572	A/BRISBANE/1/2014
3573	A/SOUTH AUSTRALIA/13/2014
3574	A/SYDNEY/6/2014
3575	A/SOUTH AUSTRALIA/4/2014
3576	A/NEWCASTLE/5/2014
3577	A/DARWIN/7/2014
3578	A/SOUTH AUSTRALIA/3/2014
3579	A/TOWNSVILLE/4/2014
3580	A/BRISBANE/17/2014
3581	A/BAY OF PLENTY/001/2014
3582	A/SYDNEY/23/2014
3583	A/DARWIN/11/2014
3584	A/DARWIN/12/2014
3585	A/BRISBANE/31/2014
3586	A/TOWNSVILLE/11/2014
3587	A/BRISBANE/165/2013
3588	A/SRI LANKA/68/2013
3589	A/MALAYSIA/10/2013
3590	A/CANBERRA/124/2013
3591	A/SYDNEY/83/2013

3592	A/NONG KHAI/321/2013
3593	A/CHIANG RAI/337/2013
3594	A/NONTHABURI/3027/2013
3595	A/TASMANIA/3/2014
3596	A/Uganda/MUWRP-176/2010
3597	A/Uganda/MUWRP-093/2009
3598	A/Uganda/MUWRP-066/2009
3599	A/Uganda/MUWRP-220/2010
3600	A/Uganda/MUWRP-059/2009
3601	A/Uganda/MUWRP-224/2010
3602	A/Uganda/MUWRP-236/2010
3603	A/Uganda/MUWRP-212/2010
3604	A/Uganda/MUWRP-111/2009
3605	A/Uganda/MUWRP-069/2009
3606	A/Uganda/MUWRP-094/2009
3607	A/Uganda/MUWRP-098/2009
3608	A/Uganda/MUWRP-222/2010
3609	A/Uganda/MUWRP-233/2010
3610	A/Uganda/MUWRP-067/2009
3611	A/Uganda/MUWRP-243/2011
3612	A/Uganda/MUWRP-092/2009
3613	A/Uganda/MUWRP-137/2009
3614	A/Uganda/MUWRP-240/2011
3615	A/Uganda/MUWRP-102/2009
3616	A/ferret/Taiwan/E01/2013
3617	A/chicken/Hebei/1102-MA/2010
3618	A/canine/Guangxi/L2/2013
3619	A/canine/Liaoning/27/2012
3620	A/canine/Liaoning/H6/2012
3621	A/canine/Heilongjiang/L1/2013
3622	A/hill myna/Heilongjiang/0704/2012
3623	A/blue-winged teal/Guatemala/CIP049H106-62/2011
3624	A/blue-winged teal/Guatemala/CIP049H105-15/2011
3625	A/duck/Guangdong/GD01/2014
3626	A/chicken/Taiwan/0502/2012
3627	A/goose/Guangxi/020G/2009

3628	A/Zhejiang/7/2014
3629	A/Zhejiang/8/2014
3630	A/Environment/Zhejiang/2/2014
3631	A/duck/Guangxi/125D17/2012
3632	A/Mumbai/2877/2009
3633	A/chicken/77/Jiangxi/2014
3634	A/chicken/B15/Jiangxi/2014
3635	A/NEWCASTLE/28/2014
3636	A/VICTORIA/503/2014
3637	A/VICTORIA/76/2014
3638	A/chicken/Guangxi/LS/2013
3639	A/swine/Taiwan/NPUST0001/2013
3640	A/Tasmania/11/2014
3641	A/SOUTH AUSTRALIA/55/2014
3642	A/SYDNEY/71/2014
3643	A/Newcastle/22/2014
3644	A/Canterbury/001/2014
3645	A/Sydney/25/2014
3646	A/TASMANIA/8/2014
3647	A/TASMANIA/9/2014
3648	A/VICTORIA/803/2014
3649	A/DARWIN/14/2014
3650	A/SYDNEY/29/2014
3651	A/TOWNSVILLE/23/2014
3652	A/NEWCASTLE/20/2014
3653	A/SINGAPORE/GP1940/2013
3654	A/MACAU/611599/2013
3655	A/SYDNEY/82/2014
3656	A/SYDNEY/95/2014
3657	A/SYDNEY/92/2014
3658	A/SYDNEY/93/2014
3659	A/SYDNEY/84/2014
3660	A/SYDNEY/85/2014
3661	A/MALAYSIA/20/2014
3662	A/PERTH/526/2014
3663	A/BRISBANE/100/2014

3664	A/MALAYSIA/6/2014
3665	A/SYDNEY/66/2014
3666	A/CHRISTCHURCH/510/2014
3667	A/CANBERRA/2/2014
3668	A/SYDNEY/37/2014
3669	A/SOUTH AUSTRALIA/24/2014
3670	A/SOUTH AUSTRALIA/16/2014
3671	A/MALAYSIA/18/2014
3672	A/MACAU/610289/2014
3673	A/TASMANIA/15/2014
3674	A/Uvurkhangai/1959/2014
3675	A/FIJI/1/2014
3676	A/TOWNSVILLE/44/2014
3677	A/BRISBANE/99/2014
3678	A/VICTORIA/502/2014
3679	A/CANBERRA/8/2014
3680	A/SOUTH AUSTRALIA/17/2014
3681	A/NEW CALEDONIA/1/2014
3682	A/NEW CALEDONIA/11/2014
3683	A/NEW CALEDONIA/15/2014
3684	A/NEW CALEDONIA/35/2014
3685	A/SYDNEY/49/2014
3686	A/PERTH/528/2014
3687	A/TOWNSVILLE/42/2014
3688	A/BRISBANE/70/2014
3689	A/NEW CALEDONIA/8/2014
3690	A/NEW CALEDONIA/58/2014
3691	A/MACAU/610158/2014
3692	A/VICTORIA/7/2014
3693	A/VICTORIA/8/2014
3694	A/TASMANIA/13/2014
3695	A/TOWNSVILLE/46/2014
3696	A/CHIANG RAI/186/2014
3697	A/SOUTH AUSTRALIA/44/2014
3698	A/swine/Taiwan/NPUST0002/2013
3699	A/swine/Taiwan/NPUST0012/2013

3700	A/swine/Taiwan/NPUST0003/2013
3701	A/swine/Taiwan/NPUST0004/2013
3702	A/swine/Taiwan/NPUST0005/2013
3703	A/swine/Taiwan/NPUST0009/2013
3704	A/swine/Taiwan/NPUST0011/2013
3705	A/swine/Taiwan/NPUST0006/2013
3706	A/swine/Taiwan/NPUST0013/2013
3707	A/chicken/Shandong/818/2012
3708	A/Netherlands/M1/1957
3709	A/Netherlands/B1/1968
3710	A/Connecticut/Flu001/2012
3711	A/Connecticut/Flu002/2012
3712	A/Connecticut/Flu004/2012
3713	A/Connecticut/Flu006/2012
3714	A/Connecticut/Flu007/2012
3715	A/Connecticut/Flu008/2012
3716	A/Connecticut/Flu009/2012
3717	A/Connecticut/Flu013/2012
3718	A/Connecticut/Flu014/2012
3719	A/Connecticut/Flu021/2012
3720	A/Connecticut/Flu023/2012
3721	A/Connecticut/Flu025/2012
3722	A/Connecticut/Flu026/2012
3723	A/Connecticut/Flu027/2012
3724	A/Connecticut/Flu028/2012
3725	A/Connecticut/Flu033/2012
3726	A/Connecticut/Flu034/2012
3727	A/Connecticut/Flu036/2012
3728	A/Connecticut/Flu037/2012
3729	A/Connecticut/Flu038/2012
3730	A/Connecticut/Flu040/2012
3731	A/harbour seal/Germany/1/2014
3732	A/swine/Shanghai/3/2014
3733	A/swine/Brazil/31_11_3/2011
3734	A/Seal/Sweden/SVA0546/2014
3735	A/chicken/Suzhou/040201H/2013

3736	A/duck/Sunan/040802G/2013
3737	A/pigeon/Wuxi/0405007G/2013
3738	A/mallard/Jiangxi/1-4/2010
3739	A/mallard/Jiangxi/2-5/2010
3740	A/swine/Ohio/13TOSU1560/2013
3741	A/chicken/Changzhou/C08/2013
3742	A/environment/Zhenjiang/C13/2013
3743	A/duck/Chiba/26-372-48/2014
3744	A/duck/Chiba/26-372-61/2014
3745	A/pigeon/Guangxi/020P/2009
3746	A/Anhui-Yingzhou/11352/2014
3747	A/Jiangsu-Quanshan/11567/2014
3748	A/Guizhou-Xinyi/1799/2014
3749	A/Shanghai-Pudongxin/11396/2014
3750	A/Jiangxi-Zhushan/1713/2014
3751	A/Jiangsu-Danyang/SWL1836/2014
3752	A/CAMBODIA/Y0721444/2014
3753	A/CANBERRA/98/2014
3754	A/CHRISTCHURCH/531/2014
3755	A/CHRISTCHURCH/538/2014
3756	A/DARWIN/47/2014
3757	A/DARWIN/49/2014
3758	A/MALAYSIA/32/2014
3759	A/NEW CALEDONIA/72/2014
3760	A/NEWCASTLE/1001/2014
3761	A/NEWCASTLE/55/2014
3762	A/NEWCASTLE/56/2014
3763	A/PHILIPPINES/12/2014
3764	A/SOUTH AUSTRALIA/1013/2014
3765	A/SOUTH AUSTRALIA/1015/2014
3766	A/SYDNEY/1008/2014
3767	A/TASMANIA/55/2014
3768	A/TOWNSVILLE/1001/2014
3769	A/TOWNSVILLE/62/2014
3770	A/VICTORIA/189/2014
3771	A/VICTORIA/3047/2014

3772	A/VICTORIA/535/2014
3773	A/VICTORIA/63/2014
3774	A/VICTORIA/67/2014
3775	A/VICTORIA/90/2014
3776	A/WELLINGTON/022/2014
3777	A/BRISBANE/262/2014
3778	A/CAMBODIA/FSS28237/2014
3779	A/CAMBODIA/Y0721447/2014
3780	A/CANBERRA/29/2014
3781	A/CANBERRA/31/2014
3782	A/CANBERRA/44/2014
3783	A/CANBERRA/82/2014
3784	A/NEW CALEDONIA/68/2014
3785	A/NEW CALEDONIA/71/2014
3786	A/NEW CALEDONIA/76/2014
3787	A/NEW CALEDONIA/78/2014
3788	A/NEWCASTLE/1016/2014
3789	A/NEWCASTLE/107/2014
3790	A/NEWCASTLE/26/2014
3791	A/NEWCASTLE/34/2014
3792	A/NEWCASTLE/54/2014
3793	A/NEWCASTLE/79/2014
3794	A/PHILIPPINES/6/2014
3795	A/SOUTH AFRICA/4952/2014
3796	A/SOUTH AUCKLAND/021/2014
3797	A/SOUTH AUCKLAND/023/2014
3798	A/SOUTH AUSTRALIA/1007/2014
3799	A/SOUTH AUSTRALIA/1007/2014
3800	A/SOUTH AUSTRALIA/1032/2014
3801	A/SOUTH AUSTRALIA/91/2014
3802	A/SOUTH AUSTRALIA/91/2014
3803	A/SRI LANKA/16/2014
3804	A/SRI LANKA/42/2014
3805	A/SYDNEY/1001/2014
3806	A/Sydney/1007/2014
3807	A/SYDNEY/1016/2014

3808	A/SYDNEY/117/2014
3809	A/SYDNEY/120/2014
3810	A/SYDNEY/128/2014
3811	A/SYDNEY/156/2014
3812	A/TASMANIA/122/2014
3813	A/TASMANIA/37/2014
3814	A/TASMANIA/45/2014
3815	A/TASMANIA/54/2014
3816	A/VICTORIA/1012/2014
3817	A/VICTORIA/265/2014
3818	A/VICTORIA/268/2014
3819	A/VICTORIA/285/2014
3820	A/VICTORIA/3044/2014
3821	A/VICTORIA/5006/2014
3822	A/VICTORIA/5070/2014
3823	A/VICTORIA/5070/2014
3824	A/VICTORIA/528/2014
3825	A/WAIKATO/008/2014
3826	A/WAIKATO/008/2014
3827	A/WELLINGTON/024/2014
3828	A/BRISBANE/1007/2014
3829	A/BRISBANE/272/2014
3830	A/AUCKLAND/6/2014
3831	A/NEWCASTLE/53/2014
3832	A/VICTORIA/2078/2014
3833	A/VICTORIA/2082/2014
3834	A/VICTORIA/2131/2014
3835	A/Chicken/Shandong/J02/2009
3836	A/Chicken/Shandong/J04/2009
3837	A/Chicken/Shandong/J05/2009
3838	A/chicken/Miyazaki/7/2014
3839	A/Jiangsu-Danyang/SWL1923/2014
3840	A/Yunnan-Linxiang/11032/2014
3841	A/Heilongjiang-Nangang/1539/2014
3842	A/Henan-Longting/1481/2014
3843	A/Yunnan-Wenshan/1904/2014

3844	A/Jiangsu-Tianning/SWL11004/2014
3845	A/Yunnan-Guandu/1892/2014
3846	A/Shaanxi-Hanbin/1561/2014
3847	A/Shaanxi-Beilin/11370/2014
3848	A/Shaanxi-Hanbin/1600/2014
3849	A/Henan-Xigong/11041/2014
3850	A/Jiangxi-Zhushan/1614/2014
3851	A/Chongqing-Banan/1457/2014
3852	A/Hubei-Wujiagang/1702/2014
3853	A/Guangxi-Qingxiu/1569/2014
3854	A/Anhui-Tianjiaan/1669/2014
3855	A/Shanghai-Zhabei/1559/2014
3856	A/Fujian-Gulou/11944/2014
3857	A/Anhui-Tianjiaan/1736/2014
3858	A/Beijing-Huairou/11787/2014
3859	A/Zhejiang-Nanxun/1614/2014
3860	A/Sichuan-Fucheng/1804/2014
3861	A/Beijing-Xicheng/13100/2014
3862	A/Guizhou-Zhongshan/1722/2014
3863	A/Jiangsu-Nanjinggulou/13151/2014
3864	A/Sichuan-Gaoxin/1192/2014
3865	A/HK/7368/2014
3866	A/Liaoning-Heping/1430/2014
3867	A/Beijing-Huairou/12209/2014
3868	A/Hubei-Hongshan/1670/2014
3869	A/Shaanxi-Hanbin/1472/2014
3870	A/HK/7373/2014
3871	A/HK/7355/2014
3872	A/HK/7345/2014
3873	A/Anhui-Xiangshan/SWL1894/2014
3874	A/Leningrad/134/57
3875	A/Leningrad/134/17/57
3876	A/Leningrad/134/47/57
3877	A/swine/Kazakhstan/106/1985
3878	A/duck/Schleswig/21/1979
3879	A/swine/Arnsberg/1/1979

3880	A/swine/Arnsberg/6554/1979
3881	A/swine/Marseille/2260/1980
3882	A/swine/Netherlands/25/1980
3883	A/swine/Arnsberg/3/1981
3884	A/swine/Arnsberg/4/1981
3885	A/swine/Arnsberg/7/1981
3886	A/swine/Germany/S27/1981
3887	A/swine/Germany/2/1981
3888	A/swine/Italy/VII147/1981
3889	A/swine/Italy/147/1981
3890	A/duck/Bavaria/2/1977
3891	A/turkey/England/647/1977
3892	A/equine/Baizak/09/2012
3893	A/equine/LKZ/09/2012
3894	A/equine/Kostanay/09/2012
3895	A/chicken/Guangdong/GD01/2008
3896	A/chicken/Guangdong/GD03/2008
3897	A/Nagasaki/13N053/2014
3898	A/harbour seal/Germany/1/2014
3899	A/Brisbane/359/2014
3900	A/Sydney/327/2014
3901	A/Xinjiang-Tianshan/11353/2014
3902	A/Xinjiang-Tianshan/11347/2014
3903	A/Shaanxi-Hanbin/1561/2014
3904	A/Jilin-Nanguan/1549/2014
3905	A/Yunnan-Guandu/1846/2014
3906	A/Yunnan-Wenshan/1904/2014
3907	A/Henan-Longting/1481/2014
3908	A/Liaoning-Heping/1573/2014
3909	A/Beijing-Xicheng/14253/2014
3910	A/Henan-Shihe/1562/2014
3911	A/Qinghai-Chengdong/1518/2014
3912	A/Guizhou-Zhongshan/1975/2014
3913	A/Liaoning-Haizhou/1614/2014
3914	A/Jilin-Dongchang/1557/2014
3915	A/Beijing-Huairou/12431/2014

3916	A/Shanghai-Minxing/11021/2014
3917	A/Nagasaki/13N063/2014
3918	A/Myanmar/13M310/2013
3919	A/Myanmar/13M002/2013
3920	A/Myanmar/13M004/2013
3921	A/Myanmar/13M016/2013
3922	A/Myanmar/13M029/2013
3923	A/Myanmar/13M056/2013
3924	A/Myanmar/13M082/2013
3925	A/Myanmar/13M006/2013
3926	A/Myanmar/13M011/2013
3927	A/Myanmar/13M020/2013
3928	A/Myanmar/13M035/2013
3929	A/Sydney/602/2009
3930	A/Perth/33/2011
3931	A/Perth/31/2011
3932	A/Brisbane/501/2011
3933	A/South Australia/178/2012
3934	A/Darwin/2/2013
3935	A/Victoria/700/2013
3936	A/Victoria/707/2013
3937	A/Victoria/710/2013
3938	A/Myanmar/13M044/2013
3939	A/Myanmar/13M061/2013
3940	A/Myanmar/13M062/2013
3941	A/Myanmar/13M070/2013
3942	A/Myanmar/13M076/2013
3943	A/Myanmar/13M084/2013
3944	A/Myanmar/13M085/2013
3945	A/Myanmar/13M087/2013
3946	A/Myanmar/13M088/2013
3947	A/Myanmar/13M089/2013
3948	A/Myanmar/13M098/2013
3949	A/Myanmar/13M102/2013
3950	A/Myanmar/13M105/2013
3951	A/Myanmar/13M109/2013

3952	A/Myanmar/13M118/2013
3953	A/Myanmar/13M124/2013
3954	A/Myanmar/13M300/2013
3955	A/Nagasaki/13N100/2014
3956	A/Nagasaki/13N101/2014
3957	A/Nagasaki/14N005/2014
3958	A/Nong Khai/185/2014
3959	A/Philippines/12/2013
3960	A/Brisbane/116/2002
3961	A/Sydney/12/2003
3962	A/Queensland/1/1983
3963	A/Victoria/4/1986
3964	A/Perth/5/1995
3965	A/Nagasaki/13N057/2014
3966	A/Vietnam/13V H1-1/2013
3967	A/Vietnam/13V H1-4/2013
3968	A/Vietnam/13V H1-5/2013
3969	A/Vietnam/13V H1-6/2013
3970	A/Vietnam/13V H3-2/2012
3971	A/Vietnam/13V H3-3/2012
3972	A/Vietnam/13V H3-4/2013
3973	A/Vietnam/13V H3-8/2013
3974	A/Vietnam/13V H3-9/2012
3975	A/Vietnam/13V H3-10/2012
3976	A/Myanmar/14M003/2014
3977	A/Myanmar/14M072/2014
3978	A/Myanmar/14M139/2014
3979	A/Myanmar/14M194/2014
3980	A/Myanmar/14M233/2014
3981	A/Myanmar/14M272/2014
3982	A/Myanmar/14M379/2014
3983	A/Myanmar/14M445/2014
3984	A/Myanmar/14M039/2014
3985	A/Myanmar/14M059/2014
3986	A/Myanmar/14M122/2014
3987	A/Myanmar/14M187/2014

3988	A/Myanmar/14M240/2014
3989	A/Myanmar/14M391/2014
3990	A/Myanmar/14M465/2014
3991	A/chicken/Shandong/zc4/2012
3992	A/chicken/Shandong/qd1013/2012
3993	A/chicken/Shandong/qd0917/2013
3994	A/chicken/Shandong/qd0307/2013
3995	A/chicken/Shaanxi/xa0414/2013
3996	A/chicken/Liaoning/1116/2012
3997	A/chicken/Beijing/1115/2013
3998	A/chicken/Beijing/0311/2013
3999	A/chicken/Jiangsu/07/2009
4000	A/chicken/Shandong/07/2009
4001	A/chicken/Shandong/03/2008
4002	A/chicken/Jiangsu/02/2008
4003	A/chicken/Henan/Z01/2007
4004	A/chicken/Jiangsu/01/2007
4005	A/Vietnam/HN31676DH/2009
4006	A/Vietnam/UT31604-1/2009
4007	A/Vietnam/UT26285/2010
4008	A/chicken/Beijing/11/2013
4009	A/chicken/Shanxi/0703/2012
4010	A/chicken/Shandong/qd0312/2013
4011	A/chicken/Shandong/qd0107/2013
4012	A/chicken/Shandong/lc0903/2013
4013	A/chicken/Liaoning/0704/2012
4014	A/chicken/Hebei/0721/2013
4015	A/chicken/Beijing/16/2013
4016	A/chicken/Beijing/0512/2013
4017	A/chicken/Beijing/0309/2013
4018	A/chicken/Fujian/01/2009
4019	A/chicken/Henan/01/2009
4020	A/chicken/Anhui/02/2008
4021	A/chicken/Guangdong/01/2008
4022	A/chicken/Henan/12/2008
4023	A/chicken/Shandong/qd0427/2012

4024	A/chicken/Jilin/1031/2012
4025	A/chicken/Vietnam/TY31/2005
4026	A/equine/Guangxi/1/2008
4027	A/Egypt/MOH-NRC-7271/2014
4028	A/Egypt/MOH-NRC-7305/2014
4029	A/Arizona/M1/2012
4030	A/Arizona/M2/2012
4031	A/Arizona/M15/2012
4032	A/Taiwan/DV518/2006
4033	A/Niigata/14F002/2015
4034	A/Niigata/14F004/2015
4035	A/Niigata/14F005/2015
4036	A/Niigata/14F007/2015
4037	A/Niigata/14F009/2015
4038	A/Kyoto/14K001/2014
4039	A/Kyoto/14K002/2014
4040	A/Kyoto/14K003/2014
4041	A/Kyoto/14K005/2014
4042	A/Kyoto/14K007/2014
4043	A/Gunma/14G002/2015
4044	A/Gunma/14G003/2015
4045	A/Gunma/14G004/2015
4046	A/Gunma/14G005/2015
4047	A/Gunma/14G008/2015
4048	A/Nagasaki/14N014/2014
4049	A/Nagasaki/14N015/2014
4050	A/Nagasaki/14N017/2014
4051	A/Nagasaki/14N018/2014
4052	A/Nagasaki/14N023/2014
4053	A/Okinawa/14T001/2014
4054	A/Nagasaki/14N010/2014
4055	A/Lebanon/14L61/2014
4056	A/Lebanon/14L62/2014
4057	A/Lebanon/14L66/2014
4058	A/Lebanon/14L41/2014
4059	A/Lebanon/14L45/2014

4060	A/Lebanon/14L56/2014
4061	A/Lebanon/14L78/2014
4062	A/Niigata/14F019/2015
4063	A/Niigata/14F067/2015
4064	A/Niigata/14F197/2015
4065	A/Gunma/14G011/2015
4066	A/Gunma/14G013/2015
4067	A/Nagasaki/14N024/2015
4068	A/Nagasaki/14N039/2015
4069	A/Nagasaki/14N072/2015
4070	A/Okinawa/14T003/2015
4071	A/Okinawa/14T004/2015
4072	A/Okinawa/14T006/2015
4073	A/Okinawa/14T007/2015
4074	A/Nagasaki/14N012/2014
4075	A/Nagasaki/14N013/2014
4076	A/HuNan/01/2014
4077	A/Iran/12/2014
4078	A/environment/Kagoshima/KU-ngr-C/2012(H3N8)
4079	A/environment/Kagoshima/KU-ngr-D/2012(H4N6)
4080	A/environment/Kagoshima/KU-ngr-F/2012(H4N8)
4081	A/equine/Switzerland/P112/07
4082	A/equine/Lincolnshire/06
4083	A/equine/Cheshire/06
4084	A/equine/Moulton/98
4085	A/equine/Snailwell/98
4086	A/equine/Lanarkshire/09
4087	A/equine/Dorset/09
4088	A/equine/Perthshire/3/09
4089	A/equine/Yorkshire/3/09
4090	A/equine/Shropshire/10
4091	A/equine/Northamptonshire/1/2013
4092	A/equine/California/1/10
4093	A/equine/Kentucky/1/11
4094	A/equine/Dubai/1/12
4095	A/equine/Rio Grande do Sul/1/12

4096	A/chicken/India/01CA03/2012
4097	A/chicken/India/01CA06/2012
4098	A/baikal teal/Korea/1437/2014
4099	A/baikal teal/Korea/1441/2014
4100	A/baikal teal/Korea/1445/2014
4101	A/baikal teal/Korea/1446/2014
4102	A/baikal teal/Korea/1447/2014
4103	A/baikal teal/Korea/1448/2014
4104	A/baikal teal/Korea/1449/2014
4105	A/baikal teal/Korea/1452/2014
4106	A/baikal teal/Korea/1456/2014
4107	A/baikal teal/Korea/1457/2014
4108	A/baikal teal/Korea/1458/2014
4109	A/baikal teal/Korea/2399/2014
4110	A/baikal teal/Korea/2402/2014
4111	A/baikal teal/Korea/2403/2014
4112	A/baikal teal/Korea/2406/2014
4113	A/baikal teal/Korea/2414/2014
4114	A/baikal teal/Korea/2416/2014
4115	A/baikal teal/Korea/2417/2014
4116	A/chicken/TongHai/302/2014
4117	A/chicken/AnNing/1/2014
4118	A/chicken/DaLi/302/2014
4119	A/HK/454/2015
4120	A/HK/61/2015
4121	A/HK/62/2015
4122	A/Anhui-Baohe/122/2015
4123	A/Anhui-Qiaocheng/1137/2015
4124	A/Beijing-Huairou/122/2015
4125	A/Guangdong-Zhongshan/110/2015
4126	A/Guangxi-Longan/130/2015
4127	A/Guangxi-Qinnan/SWL1118/2015
4128	A/Guizhou-Honghuagang/117/2015
4129	A/Hebei-Cixian/112/2015
4130	A/Hubei-Yunxi/31/2015
4131	A/Hunan-Yuhu/11001/2014

4132	A/Jilin-Tiexi/SWL1189/2015
4133	A/Jiangxi-Donghu/1218/2015
4134	A/Shandong-Lanshan/SWL1898/2014
4135	A/Shaanxi-Wangyi/114/2015
4136	A/Tianjin-Hexi/195/2015
4137	A/Yunnan-Chuxiong/SWL1283/2015
4138	A/Dundgobi/381/2010
4139	A/Ulaanbaatar/1735/2009
4140	A/swine/Guangdong/L1/2010
4141	A/duck/Jiangxi/NCDZT1123/2014
4142	A/duck/Jiangxi/NCDZT1126/2014
4143	A/swine/France/18-120158/2012
4144	A/swine/Haute-Loire/0578/2011
4145	A/swine/France/18-120333/2012
4146	A/swine/Sarthe/0547/2011
4147	A/swine/France/59-120031/2012
4148	A/NanChang/08/2010
4149	A/mallard/Korea/KU3-2/2015
4150	A/duck/Hunan/316/2005
4151	A/swine/Hiroshima/8/2011
4152	A/swine/Kagoshima/23/2012(H1N1)
4153	A/swine/Chiba/30/2012(H1N1)
4154	A/swine/Ibaraki/46/2010
4155	A/swine/Hiroshima/52/2011
4156	A/swine/Kagoshima/60/2010
4157	A/swine/Kagoshima/65/2012
4158	A/swine/Chiba/14/2012
4159	A/swine/Chiba/107/2012
4160	A/swine/Chiba/119/2012
4161	A/swine/Tochigi/14/2013
4162	A/chicken/Beijing/3/1999
4163	A/feline/Guangdong/1/2012
4164	A/quail/Nanchang/6631/2013
4165	A/duck/Nanchang/9789/2013
4166	A/duck/Japan/11OG1038/2011
4167	A/duck/Japan/11OG1083/2011

4168	A/duck/Japan/11OG1084/2011
4169	A/duck/Japan/11UO0008/2011
4170	A/duck/Japan/11UO0012/2011
4171	A/duck/Japan/11UO0023/2011
4172	A/duck/Japan/11OG1032/2011
4173	A/Hubei-Wujiagang/SWL310/2013
4174	A/chicken/Guangxi/066C10/2010
4175	A/chicken/Guangxi/DX/2008
4176	A/Chinese francolin/Guangxi/B7/2010
4177	A/duck/Guangxi/LAD9/2009
4178	A/duck/Guangxi/NN/2006
4179	A/duck/Guangxi/RX/2009
4180	A/duck/Guangxi/NN/2005
4181	A/chicken/Guangxi/LF/2007
4182	A/chicken/Guangxi/067C4/2010
4183	A/Anhui/DEWH72-07/2013
4184	A/Anhui/DEWH72-09/2013
4185	A/Anhui/DEWH72-02/2013
4186	A/Anhui/DEWH72-03/2013
4187	A/Anhui/DEWH72-05/2013
4188	A/duck/Guangxi/175D12/2014
4189	A/Anhui/1-BALF_RG33/2013
4190	A/Anhui/1-BALF_RG3/2013
4191	A/Anhui/1-BALF_RG4/2013
4192	A/Anhui/1-BALF_RG5/2013
4193	A/Anhui/1-BALF_RG45/2013
4194	A/Anhui/1-BALF_RG1/2013
4195	A/Anhui/1-BALF_RG2/2013
4196	A/Anhui/1-BALF_RG40/2013
4197	A/Anhui/1-BALF_RG41/2013
4198	A/Anhui/1-BALF_RG42/2013
4199	A/Anhui/1-BALF_RG43/2013
4200	A/Anhui/1-BALF_RG44/2013
4201	A/Anhui/1-BALF_RG29/2013
4202	A/Anhui/1-BALF_RG31/2013
4203	A/Anhui/1-BALF_RG32/2013

4204	A/Anhui/1-BALF_RG18/2013
4205	A/Anhui/1-BALF_RG19/2013
4206	A/Anhui/1-BALF_RG20/2013
4207	A/Anhui/1-BALF_RG21/2013
4208	A/Anhui/1-BALF_RG7/2013
4209	A/Anhui/1-BALF_RG8/2013
4210	A/Anhui/1-BALF_RG9/2013
4211	A/Anhui/1-BALF_RG17/2013
4212	A/Anhui/1-JCVI1_RG1/2013
4213	A/Anhui/1-JCVI1_RG2/2013
4214	A/Anhui/1-JCVI1_RG3/2013
4215	A/Anhui/1-BALF_RG6/2013
4216	A/duck/Vietnam NamDinh/NCVD-88/2007
4217	A/chicken/Vietnam/NCVD-117/2008
4218	A/duck/Vietnam Hau Giang/NCVD-12/2007
4219	A/chicken/Garut/BBVW-223/2007
4220	A/duck/Egypt/0923-NLQP/2009
4221	A/chicken/Egypt/096L-NLQP/2009
4222	A/chicken/Vietnam/NCVD-675/2011
4223	A/chicken/Vietnam/NCVD-421/2010
4224	A/chicken/West Java/TJA/2008
4225	A/chicken/Egypt/0813-NLQP/2008
4226	A/duck/Vietnam BacLiu/NCVD-10/2007
4227	A/chicken/WestJava/SMI-PAT/2006
4228	A/chicken/WestJava/TASI KO B/2006
4229	A/bar-headed goose/Mongolia/X53/2009
4230	A/chicken/Vietnam/NCVD-03/2008
4231	A/chicken/Egypt/1063/2010
4232	A/chicken/Quzhou/2/2015
4233	A/feline/Heilongjiang/ZH/2014
4234	A/chicken/Jiangsu/927/2013
4235	A/chicken/Jiangsu/2477/2014
4236	A/swine/Brazil/12A/2010
4237	A/chicken/Egypt/06553-NLQP/2006
4238	A/chicken/Egypt/07118-NLQP/2007
4239	A/chicken/Vietnam/NCVD-185/2008

4240	A/chicken/Vietnam/NCVD-398/2010
4241	A/chicken/Pekalongan/BBVW/2007
4242	A/duck/Vietnam/NCVD-672/2011
4243	A/duck/Vietnam SonLa/NCVD-33/2007
4244	A/Oman/SQUH-1/2009
4245	A/Oman/SQUH-4/2009
4246	A/Oman/SQUH-5/2009
4247	A/Oman/SQUH-6/2009
4248	A/Oman/SQUH-7/2009
4249	A/Oman/SQUH-8/2009
4250	A/Oman/SQUH-10/2009
4251	A/Oman/SQUH-11/2009
4252	A/Oman/SQUH-20/2009
4253	A/Oman/SQUH-22/2009
4254	A/Oman/SQUH-31/2009
4255	A/Oman/SQUH-32/2010
4256	A/Oman/SQUH-33/2010
4257	A/Oman/SQUH-34/2010
4258	A/Oman/SQUH-36/2010
4259	A/Oman/SQUH-37/2010
4260	A/Oman/SQUH-38/2010
4261	A/Oman/SQUH-40/2010
4262	A/Oman/SQUH-42/2012
4263	A/Oman/SQUH-44/2012
4264	A/Oman/SQUH-48/2012
4265	A/Oman/SQUH-49/2012
4266	A/Oman/SQUH-50/2012
4267	A/Oman/SQUH-51/2012
4268	A/Oman/SQUH-53/2012
4269	A/Oman/SQUH-54/2012
4270	A/Oman/SQUH-55/2012
4271	A/Oman/SQUH-58/2012
4272	A/Oman/SQUH-59/2012
4273	A/Oman/SQUH-62/2012
4274	A/Oman/SQUH-63/2012
4275	A/Oman/SQUH-65/2012

4276	A/Oman/SQUH-67/2012
4277	A/Oman/SQUH-69/2012
4278	A/Oman/SQUH-73/2013
4279	A/Oman/SQUH-74/2013
4280	A/Oman/SQUH-76/2013
4281	A/Oman/SQUH-79/2013
4282	A/Oman/SQUH-81/2013
4283	A/Oman/SQUH-83/2013
4284	A/Oman/SQUH-85/2013
4285	A/chicken/India/03CA02/2013
4286	A/chicken/Hubei/2014
4287	A/scarlet_ibis/Germany/AR44-L01279/2015
4288	A/Giessen/2108/2015
4289	A/Giessen/2276/2015
4290	A/Giessen/2389/2015
4291	A/Giessen/2390/2015
4292	A/Giessen/2749/2015
4293	A/Giessen/3232/2015
4294	A/Giessen/3448/2015
4295	A/Giessen/3940/2015
4296	A/Giessen/4015/2015
4297	A/Giessen/2176/2015
4298	A/Giessen/3444/2015
4299	A/Brisbane/9/2015
4300	A/Cambodia/AD04410/2014
4301	A/Cambodia/AD04526/2014
4302	A/Cambodia/FSS28296/2014
4303	A/Cambodia/Y1204310/2014
4304	A/Cambodia/Y1218307/2014
4305	A/Fiji/18/2014
4306	A/Fiji/25/2014
4307	A/Fiji/27/2014
4308	A/Perth/1055/2014
4309	A/Perth/19/2015
4310	A/South Australia/22/2015
4311	A/Sri Lanka/1/2015

4312	A/Sri Lanka/58/2014
4313	A/Sri Lanka/62/2014
4314	A/Sri Lanka/64/2014
4315	A/Sri Lanka/72/2014
4316	A/Sri Lanka/73/2014
4317	A/Sydney/13/2015
4318	A/Sydney/14/2015
4319	A/Victoria/503/2015
4320	A/Vietnam/1/2014
4321	A/Vietnam/2/2014
4322	A/Vietnam/3/2014
4323	A/Vietnam/4/2014
4324	A/Vietnam/5/2014
4325	A/Vietnam/6/2014
4326	A/Vietnam/7/2014
4327	A/rook/Chany/32/2015
4328	A/rook/Dovolnoe/50/2015
4329	A/rook/Sartlan/42/2015
4330	A/chicken/Germany/AR1385-L01301/2015
4331	A/chicken/Germany/AR1386-L01302/2015
4332	A/Brisbane/35/2015
4333	A/Brisbane/47/2015
4334	A/Canberra/14/2015
4335	A/Chanthaburi/11/2015
4336	A/Malaysia/1335/2015
4337	A/Malaysia/507/2015
4338	A/Pathumthani/12/2015
4339	A/Perth/15/2015
4340	A/Perth/39/2015
4341	A/South Auckland/7/2015
4342	A/South Australia/1003/2015
4343	A/South Australia/49/2015
4344	A/South Australia/73/2015
4345	A/Sydney/1003/2015
4346	A/Sydney/20/2015
4347	A/Sydney/502/2015

4348	A/Sydney/507/2015
4349	A/Sydney/509/2015
4350	A/Sydney/529/2014
4351	A/Sydney/530/2014
4352	A/Tasmania/17/2015
4353	A/Tasmania/24/2015
4354	A/Tasmania/27/2015
4355	A/Townsville/1002/2015
4356	A/Victoria/504/2015
4357	A/Victoria/508/2015
4358	A/Victoria/511/2015
4359	A/Fiji/2/2015
4360	A/swine/Brazil/18/2012
4361	A/swine/Brazil/263/2012
4362	A/chicken/Hangzhou/174/2013
4363	A/sparrow/Shanghai/09/2013
4364	A/chicken/Shandong/1167/2015
4365	A/crow/India/11TI11/2011
4366	A/chicken/India/03CA03/2012
4367	A/crow/India/02CA02/2012
4368	A/pigeon/Bhutan/01BR01/2012
4369	A/Environment/Guangdong/GZ55/2013(H5N8)
4370	A/duck/Bhutan/01TR03/2013
4371	A/crow/India/01CA12/2012
4372	A/crow/India/02CA03/2012
4373	A/chicken/Nepal/08TI86/2013
4374	A/northern pintail/India/03OR320/2013
4375	A/chicken/Bhutan/01CL140/2012
4376	A/pigeon/Guangxi/161/2014
4377	A/Puerto Rico/8HY/1934
4378	A/swine/Guatemala/CIP049-IP070165/2010
4379	A/swine/Guatemala/CIP049-IP040078/2010
4380	A/swine/Guatemala/CIP049-IP070166/2010
4381	A/swine/Guatemala/CIP049-IP070167/2010
4382	A/environment/Jiangsu/WX1761/2014
4383	A/duck/Jiangsu/WX156/2013

4384	A/environment/Jiangsu/WX175/2013
4385	A/chicken/Jiangsu/WXS7393/2014
4386	A/chicken/Jiangsu/WXBING2/2014
4387	A/goose/Jiangsu/WX202/2014
4388	A/Cambodia/Z0727331/2015
4389	A/chicken/Egypt/pt49/2014
4390	A/chicken/Italy/445
4391	A/South Australia/11/2015
4392	A/South Australia/13/2015
4393	A/Tasmania/2/2015
4394	A/Canberra/8/2015
4395	A/South Australia/12/2015
4396	A/South Australia/16/2015
4397	A/Sydney/8/2015
4398	A/Sydney/18/2015
4399	A/Sydney/500/2015
4400	A/Brisbane/15/2015
4401	A/Brisbane/18/2015
4402	A/Brisbane/20/2015
4403	A/Brisbane/21/2015
4404	A/Brisbane/22/2015
4405	A/Sydney/15/2015
4406	A/Sydney/17/2015
4407	A/Brisbane/12/2015
4408	A/Townsville/6/2015
4409	A/South Australia/36/2015
4410	A/South Australia/37/2015
4411	A/Sydney/506/2015
4412	A/Sydney/501/2015
4413	A/Sydney/505/2015
4414	A/Victoria/920/2015
4415	A/Victoria/921/2015
4416	A/Victoria/922/2015
4417	A/Townsville/1001/2015
4418	A/South Australia/33/2015
4419	A/Sydney/12/2015

4420	A/South Australia/32/2015
4421	A/South Australia/34/2015
4422	A/Victoria/2009/2015
4423	A/Brisbane/40/2015
4424	A/Townsville/8/2015
4425	A/Brisbane/43/2015
4426	A/Townsville/10/2015
4427	A/Victoria/2014/2015
4428	A/South Australia/45/2015
4429	A/South Australia/47/2015
4430	A/Victoria/2010/2015
4431	A/South Australia/46/2015
4432	A/South Australia/41/2015
4433	A/Townsville/11/2015
4434	A/Victoria/2019/2015
4435	A/Sydney/19/2015
4436	A/Sydney/21/2015
4437	A/Sydney/23/2015
4438	A/Sydney/29/2015
4439	A/Townsville/14/2015
4440	A/Sydney/24/2015
4441	A/Sydney/27/2015
4442	A/Victoria/505/2015
4443	A/Victoria/509/2015
4444	A/Fiji/1/2015
4445	A/South Australia/50/2015
4446	A/South Australia/51/2015
4447	A/South Australia/54/2015
4448	A/South Australia/56/2015
4449	A/South Australia/52/2015
4450	A/South Australia/53/2015
4451	A/Brisbane/56/2015
4452	A/Townsville/13/2015
4453	A/Newcastle/1/2015
4454	A/South Australia/58/2015
4455	A/South Australia/63/2015

4456	A/Canberra/15/2015
4457	A/Newcastle/4/2015
4458	A/South Australia/59/2015
4459	A/South Australia/62/2015
4460	A/New Caledonia/1/2015
4461	A/Brisbane/73/2015
4462	A/Brisbane/88/2015
4463	A/Nonthaburi/4/2015
4464	A/Nonthaburi/5/2015
4465	A/Chanthaburi/13/2015
4466	A/New Caledonia/2/2015
4467	A/Brisbane/80/2015
4468	A/Tak/150/2015
4469	A/South Australia/64/2015
4470	A/Brisbane/74/2015
4471	A/South Australia/68/2015
4472	A/South Auckland/6/2015
4473	A/Newcastle/12/2015
4474	A/South Auckland/9/2015
4475	A/South Australia/70/2015
4476	A/South Australia/72/2015
4477	A/Wellington/1/2015
4478	A/Brisbane/90/2015
4479	A/Perth/29/2015
4480	A/Perth/31/2015
4481	A/Perth/33/2015
4482	A/Perth/36/2015
4483	A/Perth/40/2015
4484	A/Victoria/803/2015
4485	A/Tasmania/14/2015
4486	A/Tasmania/13/2015
4487	A/Tasmania/21/2015
4488	A/Brisbane/1000/2015
4489	A/South Australia/1002/2015
4490	A/Sydney/1006/2015
4491	A/Brisbane/107/2015

4492	A/Brisbane/112/2015
4493	A/Malaysia/503/2015
4494	A/Malaysia/931/2015
4495	A/Sydney/42/2015
4496	A/Brisbane/114/2015
4497	A/Brisbane/115/2015
4498	A/Brisbane/119/2015
4499	A/Brisbane/123/2015
4500	A/Victoria/13/2015
4501	A/Canberra/24/2015
4502	A/South Australia/74/2015
4503	A/South Australia/75/2015
4504	A/South Australia/78/2015
4505	A/South Australia/79/2015
4506	A/South Australia/80/2015
4507	A/Tasmania/1002/2015
4508	A/Newcastle/1001/2015
4509	A/Newcastle/17/2015
4510	A/Tasmania/28/2015
4511	A/Canberra/29/2015
4512	A/Victoria/515/2015
4513	A/South Australia/76/2015
4514	A/Newcastle/13/2015
4515	A/Newcastle/14/2015
4516	A/Victoria/512/2015
4517	A/Victoria/513/2015
4518	A/Victoria/516/2015
4519	A/Victoria/517/2015
4520	A/Victoria/519/2015
4521	A/Victoria/520/2015
4522	A/Victoria/522/2015
4523	A/Victoria/523/2015
4524	A/Victoria/524/2015
4525	A/Victoria/525/2015
4526	A/Victoria/527/2015
4527	A/Victoria/528/2015

4528	A/Victoria/530/2015
4529	A/Victoria/532/2015
4530	A/Victoria/535/2015
4531	A/Brisbane/122/2015
4532	A/Tasmania/29/2015
4533	A/Victoria/538/2015
4534	A/Victoria/536/2015
4535	A/Canberra/36/2015
4536	A/Canberra/41/2015
4537	A/Canberra/46/2015
4538	A/Victoria/16/2015
4539	A/Brisbane/132/2015
4540	A/Townsville/16/2015
4541	A/Brisbane/134/2015
4542	A/Cambodia/Z0727326/2015
4543	A/Cambodia/Z0722378/2015
4544	A/Cambodia/Z0722379/2015
4545	A/Cambodia/Z0722380/2015
4546	A/Cambodia/Z0727329/2015
4547	A/Cambodia/Z0709310/2015
4548	A/Victoria/820/2015
4549	A/Sydney/60/2015
4550	A/Victoria/852/2015
4551	A/chicken/India/82565/2008
4552	A/duck/Hunan/12.07 YYGK032-P/2013(H5N6)
4553	A/duck/Hunan/02.26 YYFQH290-P/2014(H5N6)
4554	A/duck/Hunan/12.17 YYFQH052-P/2014(H5N6)
4555	A/duck/Sichuan/04.27 NBXJ717/2014(H5N6)
4556	A/duck/Sichuan/04.27 NBXJ718/2014(H5N6)
4557	A/duck/Sichuan/04.27 NBXJ720/2014(H5N6)
4558	A/duck/Sichuan/04.27 NBXJ731/2014(H5N6)
4559	A/duck/Yunnan/03.15 DQWGH005-O/2015(H5N6)
4560	A/pigeon/Sichuan/04.27 NBXJ743/2014(H5N6)
4561	A/environment/Yunnan/03.15 DQWGH009/2015(H5N6)
4562	A/chicken/Jiangxi/05.06 NCDZT1174-O/2015(H5N6)
4563	A/environment/Jiangxi/05.07 NCJD0010D/2015(H5N6)

4564	A/environment/Jiangxi/05.07 NCJD0070C/2015(H5N6)
4565	A/chicken/Hubei/03.06 WHWTZ0148-O/2015(H5N6)
4566	A/duck/Hubei/03.06 WHWTZ0123-O/2015(H5N6)
4567	A/duck/HuBei/03.06 WHWTZ0158-P/2015(H5N6)
4568	A/chicken/Yunnan/03.16 DQJT0068-O/2015(H5N6)
4569	A/chicken/Yunnan/03.15 DQXYL0073-O/2015(H5N6)
4570	A/duck/Yunnan/03.16 DQXYL003-O/2015(H5N6)
4571	A/duck/Hunan/02.07 YYFQHY12Y-O/2015(H5N6)
4572	A/duck/Hunan/01.21 YYFQH016-O/2015(H5N6)
4573	A/duck/Hunan/02.07 YYFQHY20Y-O/2015(H5N6)
4574	A/duck/Hunan/01.21 YYFQH027-O/2015(H5N6)
4575	A/duck/Yunnan/03.15 DQXYL007-Z-O/2015(H5N6)
4576	A/duck/Jiangxi/01.14 NCJD064-P/2015(Mixed)
4577	A/duck/Guangdong/03.27 DGQTXC210-O/2015(Mixed)
4578	A/duck/Guangdong/04.23 DGQTSJ136-O/2015(Mixed)
4579	A/duck/Guangdong/04.23 DGQTSJ128-O/2015(Mixed)
4580	A/duck/Guangdong/04.23 DGQTXC204-O/2015(Mixed)
4581	A/duck/Guangdong/04.23 DGQTSJ135-P/2015(Mixed)
4582	A/duck/Guangdong/03.27 DGQTXC203-O/2015(Mixed)
4583	A/duck/Guangdong/04.23 DGQTSJ138-O/2015(Mixed)
4584	A/duck/Jiangxi/02.06 NCJD036-P/2015(H5N6)
4585	A/chicken/Jiangxi/02.05 YGYXG023-P/2015(H5N6)
4586	A/duck/Jiangxi/02.05 YGYXG038-P/2015(H5N6)
4587	A/chicken/Saga/1-1/2015
4588	A/chicken/Okayama/1-2/2015
4589	A/chicken/Yamaguchi/6/2014
4590	A/chicken/Miyazaki/2-4/2014
4591	A/duck/Guangdong/04.23 DGQTXC227-P/2015(Mixed)
4592	A/duck/Guangdong/04.23 DGQTSJ127-O/2015(Mixed)
4593	A/duck/Guangdong/04.22 DGCP083-O/2015(Mixed)
4594	A/duck/Guangdong/04.23 DGQTXC188-O/2015(Mixed)
4595	A/duck/Guangdong/03.27 DGQTSJ133-O/2015(Mixed)
4596	A/duck/Guangdong/04.23 DGQTSJ147-O/2015(Mixed)
4597	A/environment/Jiangsu/12.30 WZNHQ012/2014(Mixed)
4598	A/environment/Yunnan/03.15 DQWGH008-Z/2015(Mixed)
4599	A/duck/Hunan/04.14 YYGK067-O/2015(Mixed)

4600	A/Bar-headed Goose/Qinghai/BTY2/2015_H5N1
4601	A/Great black-headed Gull/Qinghai/YO1/2015_H5N1
4602	A/Great black-headed Gull/Qinghai/YO6/2015_H5N1
4603	A/Denmark/38/2015
4604	A/goose/Guangdong/s13124/2013
4605	A/duck/Guangdong/s14044/2014
4606	A/chicken/Shandong/Li-2/2010
4607	A/environment/Mexico/CPA-04740/2011
4608	A/Connecticut/Flu050/2012
4609	A/Connecticut/Flu055/2012
4610	A/Connecticut/Flu068/2012
4611	A/Connecticut/Flu074/2012
4612	A/Connecticut/Flu085/2012
4613	A/Connecticut/Flu090/2013
4614	A/Connecticut/Flu099/2013
4615	A/Connecticut/Flu117/2013
4616	A/Connecticut/Flu119/2013
4617	A/Connecticut/Flu124/2013
4618	A/Connecticut/Flu138/2013
4619	A/Connecticut/Flu140/2013
4620	A/Connecticut/Flu146/2013
4621	A/Connecticut/Flu150/2013
4622	A/Connecticut/Flu161/2013
4623	A/Connecticut/Flu166/2013
4624	A/Connecticut/Flu170/2013
4625	A/Connecticut/Flu182/2011
4626	A/Connecticut/Flu184/2011
4627	A/Connecticut/Flu187/2011
4628	A/Connecticut/Flu189/2011
4629	A/Connecticut/Flu042/2012
4630	A/Connecticut/Flu051/2012
4631	A/Connecticut/Flu056/2012
4632	A/Connecticut/Flu066/2012
4633	A/Connecticut/Flu072/2012
4634	A/Connecticut/Flu075/2012
4635	A/Connecticut/Flu086/2012

4636	A/Connecticut/Flu098/2013
4637	A/Connecticut/Flu105/2013
4638	A/Connecticut/Flu122/2013
4639	A/Connecticut/Flu135/2013
4640	A/Connecticut/Flu139/2013
4641	A/Connecticut/Flu141/2013
4642	A/Connecticut/Flu147/2013
4643	A/Connecticut/Flu159/2013
4644	A/Connecticut/Flu165/2013
4645	A/Connecticut/Flu169/2013
4646	A/Connecticut/Flu178/2013
4647	A/Connecticut/Flu183/2011
4648	A/Connecticut/Flu186/2011
4649	A/Connecticut/Flu188/2011
4650	A/Auckland/3/2015
4651	A/Goroka/06/2015
4652	A/Goroka/09/2015
4653	A/Goroka/15/2015
4654	A/Goroka/17/2015
4655	A/Perth/48/2015
4656	A/South Africa/740/2015
4657	A/South Australia/1009/2015
4658	A/South Australia/1015/2015
4659	A/South Australia/1031/2015
4660	A/Sydney/1030/2015
4661	A/Sydney/145/2015
4662	A/Tasmania/1012/2015
4663	A/Victoria/3054/2015
4664	A/Victoria/639/2015
4665	A/Victoria/3063/2015
4666	A/Brisbane/1002/2015
4667	A/Sydney/1021/2015
4668	A/Townsville/1004/2015
4669	A/South Australia/1016/2015
4670	A/Sydney/1029/2015
4671	A/Victoria/1001/2015

4672	A/Sydney/1010/2015
4673	A/Brisbane/1003/2015
4674	A/Brisbane/1004/2015
4675	A/South Australia/1007/2015
4676	A/Victoria/17/2015
4677	A/Victoria/18/2015
4678	A/Victoria/19/2015
4679	A/Victoria/20/2015
4680	A/Victoria/25/2015
4681	A/Victoria/26/2015
4682	A/Victoria/27/2015
4683	A/Victoria/28/2015
4684	A/Victoria/29/2015
4685	A/Victoria/31/2015
4686	A/Victoria/33/2015
4687	A/Perth/74/2015
4688	A/Perth/78/2015
4689	A/Perth/90/2015
4690	A/Perth/100/2015
4691	A/Perth/101/2015
4692	A/Perth/104/2015
4693	A/Perth/116/2015
4694	A/Tasmania/1014/2015
4695	A/Tasmania/1019/2015
4696	A/Sydney/1008/2015
4697	A/Sydney/1011/2015
4698	A/South Australia/1018/2015
4699	A/Tasmania/1016/2015
4700	A/Tasmania/1017/2015
4701	A/Tasmania/1018/2015
4702	A/Brisbane/1008/2015
4703	A/South Australia/1019/2015
4704	A/Sydney/1020/2015
4705	A/South Australia/1020/2015
4706	A/Tasmania/1020/2015
4707	A/Sydney/1023/2015

4708	A/South Australia/1021/2015
4709	A/Tasmania/1021/2015
4710	A/Sydney/1024/2015
4711	A/South Australia/1023/2015
4712	A/Victoria/35/2015
4713	A/Victoria/36/2015
4714	A/Victoria/37/2015
4715	A/Victoria/38/2015
4716	A/Victoria/40/2015
4717	A/Victoria/46/2015
4718	A/Victoria/47/2015
4719	A/Victoria/48/2015
4720	A/Victoria/1005/2015
4721	A/Victoria/23/2015
4722	A/Victoria/24/2015
4723	A/Perth/95/2015
4724	A/Perth/118/2015
4725	A/Sydney/1032/2015
4726	A/South Australia/1026/2015
4727	A/Sydney/1033/2015
4728	A/Victoria/45/2015
4729	A/Victoria/44/2015
4730	A/Perth/61/2015
4731	A/South Australia/1010/2015
4732	A/South Australia/1011/2015
4733	A/South Australia/1012/2015
4734	A/South Australia/1013/2015
4735	A/South Australia/1024/2015
4736	A/South Australia/1025/2015
4737	A/South Australia/1014/2015
4738	A/Perth/53/2015
4739	A/Perth/54/2015
4740	A/Perth/59/2015
4741	A/Perth/57/2015
4742	A/Cambodia/Z0727327/2015
4743	A/Macau/611781/2015

4744	A/Victoria/3059/2015
4745	A/swine/Henan/PL01/2012
4746	A/duck/Wenzhou/YJYF78/2015
4747	A/wild bird/Wuhan/WHHN16/2014
4748	A/wild bird/Wuhan/WHHN58/2014
4749	A/turtledove/Wuhan/WHBJ26/2014
4750	A/duck/Wenzhou/YHQL22/2014
4751	A/duck/Taizhou/TZYG12/2015
4752	A/chicken/Wuhan/JXQL01/2015
4753	A/duck/Wuhan/WHYF14/2014
4754	A/duck/Wuhan/WHYF05/2014
4755	A/chicken/Wenzhou/RAQL01/2015
4756	A/chicken/Wenzhou/RAQL18/2015
4757	A/chicken/Taizhou/TZJF02/2015
4758	A/chicken/Wenzhou/WZTSLG02/2015
4759	A/chicken/Wenzhou/HATSLG01/2015
4760	A/duck/Wenzhou/YJYF24/2015
4761	A/duck/Wenzhou/RAQL10/2015
4762	A/Shenzhen/TH001/2015 (H5N6)
4763	A/ruddy turnstone/Ilha de Canelas/A08/2008
4764	A/ruddy turnstone/Ilha de Canelas/A17/2008
4765	A/ruddy turnstone/Ilha de Canelas/A51/2008
4766	A/duck/Hunan/S4020/2008
4767	A/chicken/Guangxi/S2039/2009
4768	A/American black duck/Delaware/A00870108/2010
4769	A/American green winged teal/Arizona/A00115994/2009
4770	A/American green winged teal/Arizona/A00115995/2009
4771	A/American green winged teal/Colorado/A00551331/2007
4772	A/American green winged teal/Colorado/A00660616/2008
4773	A/American green winged teal/Mississippi/A00468514/2009
4774	A/American green winged teal/Mississippi/A00630203/2009
4775	A/American green winged teal/Texas/A00586649/2009
4776	A/American green winged teal/Texas/A00604024/2009
4777	A/American green winged teal/Utah/A00461135/2009
4778	A/American green winged teal/Texas/A00604029/2009
4779	A/American green winged teal/Texas/A00604032/2009

4780	A/American green winged teal/Texas/A00604814/2009
4781	A/American green winged teal/Utah/A00461136/2009
4782	A/American green winged teal/Utah/A00468772/2009
4783	A/American green winged teal/Utah/A00614935/2009
4784	A/blue winged teal/Missouri/A00624484/2008
4785	A/American green winged teal/Utah/A00831743/2009
4786	A/American green winged teal/Utah/A00833077/2009
4787	A/American green winged teal/Wyoming/A00230796/2008
4788	A/blue winged teal/Louisiana/A00557206/2009
4789	A/blue winged teal/Louisiana/A00637297/2009
4790	A/blue winged teal/Minnesota/A00137660/2009
4791	A/blue winged teal/Missouri/A00624483/2008
4792	A/blue winged teal/South Dakota/A00772794/2009
4793	A/blue winged teal/Texas/A00676566/2009
4794	A/blue winged teal/Texas/A00463679/2010
4795	A/blue winged teal/Texas/A00605473/2009
4796	A/bufflehead/Virginia/A00120022/2008
4797	A/domestic duck/West Virginia/A00140912/2008
4798	A/domestic duck/West Virginia/A00140913/2008
4799	A/domestic duck/West Virginia/A00140915/2008
4800	A/gadwall/Arizona/A00663934/2009
4801	A/mallard/Delaware/A00456271/2009
4802	A/mallard/Illinois/A00325439/2009
4803	A/mallard/Illinois/A00755320/2009
4804	A/mallard/Indiana/A00142205/2008
4805	A/mallard/Iowa/A00558620/2008
4806	A/mallard/Kansas/A00523306/2008
4807	A/mallard/Michigan/A00869519/2009
4808	A/mallard/Montana/A00750842/2009
4809	A/mallard/Nebraska/A00709657/2009
4810	A/mallard/New Jersey/A00122457/2008
4811	A/mallard/New York/A00723392/2009
4812	A/mallard/Oklahoma/A00449455/2009
4813	A/mallard/New York/A00723400/2009
4814	A/mallard/Oklahoma/A00449368/2009
4815	A/mallard/Oklahoma/A00744383/2009

4816	A/mallard/Oklahoma/A00749161/2009
4817	A/mallard/South Dakota/A00649542/2008
4818	A/mute swan/Rhode Island/A00325108/2008
4819	A/mallard/Wisconsin/A00465618/2008
4820	A/mute swan/Rhode Island/A00325105/2008
4821	A/mute swan/Rhode Island/A00325112/2008
4822	A/mute swan/Rhode Island/A00325114/2008
4823	A/mute swan/Rhode Island/A00325115/2008
4824	A/mute swan/Rhode Island/A00325117/2008
4825	A/mute swan/Rhode Island/A00325125/2008
4826	A/mute swan/Rhode Island/A00325129/2008
4827	A/mute swan/Rhode Island/A00325136/2008
4828	A/northern pintail/Texas/A00466052/2009
4829	A/northern shoveler/Mississippi/A00630207/2009
4830	A/northern shoveler/Mississippi/A00682947/2008
4831	A/northern shoveler/Nevada/A00505416/2008
4832	A/northern shoveler/Oklahoma/A00744384/2009
4833	A/northern shoveler/Oregon/A00654616/2008
4834	A/northern shoveler/Utah/A00461133/2009
4835	A/northern shoveler/Utah/A00468715/2009
4836	A/northern shoveler/Utah/A00468752/2009
4837	A/northern shoveler/Utah/A00468766/2009
4838	A/northern shoveler/Utah/A00831758/2009
4839	A/ring-necked duck/Texas/A00766403/2009
4840	A/Zhongshan/201501/2015
4841	A/FluMist-CA07/2009
4842	A/FluMist-CA07/2009
4843	A/FluMist-CA07/2009
4844	A/FluMist-CA07/2009
4845	A/FluMist-CA07/2009
4846	A/Perth/99/2015
4847	A/South Australia/1001/2015
4848	A/Shenzhen/TH003/2016(H5N6)
4849	A/Shenzhen/TH002/2016(H5N6)
4850	A/IIV-Tomsk/154/2015
4851	A/IIV-Moscow/155/2015

4852	A/IIV-Moscow/158/2015
4853	A/IIV-Moscow/159/2015
4854	A/IIV-Moscow/160/2015
4855	A/IIV-Moscow/161/2015
4856	A/IIV-Moscow/162/2015
4857	A/IIV-Moscow/163/2015
4858	A/IIV-Moscow/166/2015
4859	A/IIV-Moscow/167/2015
4860	A/IIV-Moscow/168/2015
4861	A/IIV-Moscow/169/2015
4862	A/IIV-Moscow/171/2015
4863	A/IIV-Moscow/172/2015
4864	A/IIV-Moscow/174/2015
4865	A/IIV-Moscow/176/2015
4866	A/IIV-Moscow/177/2015
4867	A/IIV-Moscow/178/2015
4868	A/IIV-Moscow/180/2015
4869	A/IIV-Moscow/181/2015
4870	A/IIV-Moscow/182/2015
4871	A/IIV-Moscow/183/2015
4872	A/IIV-Moscow/185/2015
4873	A/IIV-Moscow/186/2015
4874	A/IIV-Moscow/187/2015
4875	A/IIV-Moscow/188/2015
4876	A/IIV-Moscow/189/2015
4877	A/IIV-Moscow/190/2015
4878	A/IIV-Moscow/191/2015
4879	A/IIV-Moscow/192/2015
4880	A/IIV-Moscow/193/2015
4881	A/IIV-Moscow/194/2015
4882	A/IIV-Moscow/195/2015
4883	A/IIV-Moscow/196/2015
4884	A/IIV-Moscow/199/2015
4885	A/IIV-Moscow/202/2015
4886	A/IIV-Moscow/203/2015
4887	A/IIV-Moscow/204/2015

4888	A/IIV-Moscow/208/2015
4889	A/IIV-Moscow/211/2015
4890	A/IIV-Moscow/212/2015
4891	A/Saint-Petersburg/RII01/2016
4892	A/Saint-Petersburg/RII02/2016
4893	A/Saint-Petersburg/RII03/2016
4894	A/Saint-Petersburg/RII04/2016
4895	A/Saint-Petersburg/RII05/2016
4896	A/Saint-Petersburg/RII06/2016
4897	A/Saint-Petersburg/RII07/2016
4898	A/Saint-Petersburg/RII08/2016
4899	A/Saint-Petersburg/RII09/2016
4900	A/Saint-Petersburg/RII10/2016
4901	A/Saint-Petersburg/RII11/2016
4902	A/Saint-Petersburg/RII350/2015
4903	A/Saint-Petersburg/RII425S/2015
4904	A/Saint-Petersburg/RII579S/2015
4905	A/Saint-Petersburg/RII599S/2015
4906	A/Saint-Petersburg/RII609S/2016
4907	A/Saint-Petersburg/RII668S/2016
4908	A/Saint-Petersburg/RII681S/2016
4909	A/Saint-Petersburg/RII689S/2016
4910	A/Saint-Petersburg/RII700S/2016
4911	A/Saint-Petersburg/RII720S/2016
4912	A/Saint-Petersburg/RII854S/2016
4913	A/Saint-Petersburg/RII789S/2016
4914	A/Saint-Petersburg/RII812S/2016
4915	A/Saint-Petersburg/RII829S/2016
4916	A/Saint-Petersburg/RII830S/2016
4917	A/Saint-Petersburg/RII837S/2016
4918	A/Saint-Petersburg/RII869S/2016
4919	A/Saint-Petersburg/RII873S/2016
4920	A/Saint-Petersburg/RII882S/2016
4921	A/Saint-Petersburg/RII258S/2015
4922	A/Shanghai-Changning/SWL1995/2015
4923	A/Shanghai-Jiading/SWL1970/2015

4924	A/Shanghai-Changning/SWL1995/2015
4925	A/Shanghai-Fengxian/SWL11083/2015
4926	A/Beijing-Xicheng/SWL13022/2015
4927	A/Shanghai-Songjiang/SWL511/2015
4928	A/Shanghai-Songjiang/SWL1959/2015
4929	A/Yunnan-Chuxiong/11212/2015
4930	A/Tianjin-Nankai/1779/2015
4931	A/Anhui-Yingjiang/14135/2015
4932	A/Saint-Petersburg/RII349/2015
4933	A/Saint-Petersburg/RII846M/2016
4934	A/Saint-Petersburg/RII847M/2016
4935	A/Saint-Petersburg/RII848M/2016
4936	A/Saint-Petersburg/RII639M/2016
4937	A/Duck/Cambodia/BeongTapream/231003/2013/H6N8
4938	A/crow/India/01CA02/2014
4939	A/swine/Kansas/A01377649/2015
4940	A/whooper swan/Henan/01B/2015
4941	A/Brisbane/198/2015
4942	A/Peru/06/2015
4943	A/Bangladesh/5381/2015
4944	A/South Auckland/33/2015
4945	A/duck/Mongolia/326/2015
4946	A/Singapore/H2013.238/2013
4947	A/Singapore/H2013.403/2013
4948	A/Singapore/H2013.422d/2013
4949	A/Singapore/H2013.721a/2013
4950	A/Singapore/H2013.721d/2013
4951	A/Singapore/H2013.721f/2013
4952	A/Singapore/H2013.729/2013
4953	A/Singapore/H2013.901/2013
4954	A/harbor seal/NL/PV14-221_Ts/2015
4955	A/Gansu-Chengguan/SWL527/2016
4956	A/Gansu-Chengguan/SWL527/2016
4957	A/Gansu-baiyin/SWL5104/2016
4958	A/emperor goose/Alaska/50/2014
4959	A/northern pintail/Alaska/886/2014

4960	A/mallard/Alaska/903/2014
4961	A/glaucous-winged gull/Alaska/915/2014
4962	A/duck/Guizhou/013/2014
4963	A/Puerto Rico/8/1934/RII
4964	A/reassortant/RII RA-31 (6:2 A/Puerto Rico/8/1934/RII × A/Victoria/361/2011)
4965	A/reassortant/RII RA-32 (5:3 A/Puerto Rico/8/1934/RII × A/Victoria/361/2011)
4966	A/Hong Kong/1/1968/162/35/RII
4967	A/reassortant/RII RA-46 (4:4 A/Hong Kong/1/1968/162/35 × A/Switzerland/9715293/2013)
4968	A/swine/Bac Ninh/1/2014
4969	A/swine/Bac Ninh/242/2014
4970	A/swine/Bac Ninh/243/2014
4971	A/swine/Bac Ninh/245/2014
4972	A/swine/Bac Ninh/246/2014
4973	A/swine/Bac Ninh/247/2014
4974	A/swine/Bac Ninh/248/2014
4975	A/swine/Bac Ninh/249/2014
4976	A/swine/Bac Ninh/250/2014
4977	A/swine/Bac Ninh/253/2014
4978	A/swine/Bac Ninh/255/2014
4979	A/swine/Bac Ninh/262/2014
4980	A/swine/Bac Ninh/391/2014
4981	A/swine/Bac Ninh/392/2014
4982	A/swine/Bac Ninh/393/2014
4983	A/swine/Bac Ninh/396/2014
4984	A/swine/Bac Ninh/400/2014
4985	A/swine/Bac Ninh/404/2014
4986	A/swine/Bac Ninh/405/2014
4987	A/swine/Bac Ninh/418/2014
4988	A/swine/Dong Nai/07-17-1/2014
4989	A/swine/Dong Nai/09-01-1/2014
4990	A/swine/Dong Nai/09-02-1/2014
4991	A/swine/Dong Nai/09-05-1/2014
4992	A/swine/Dong Nai/09-06-1/2014
4993	A/swine/Dong Nai/09-07-1/2014
4994	A/swine/Dong Nai/09-15-1/2014

4995	A/swine/Tien Giang/08-12-1/2014
4996	A/swine/Bac Ninh/246/2015
4997	A/swine/Bac Ninh/249/2015
4998	A/swine/Bac Ninh/250/2015
4999	A/swine/Bac Ninh/252/2015
5000	A/swine/Bac Ninh/254/2015
5001	A/swine/Bac Ninh/256/2015
5002	A/swine/Bac Ninh/265/2015
5003	A/swine/Bac Ninh/271/2015
5004	A/swine/Bac Ninh/272/2015
5005	A/swine/Bac Ninh/273/2015
5006	A/swine/Bac Ninh/274/2015
5007	A/swine/Bac Ninh/275/2015
5008	A/swine/Bac Ninh/277/2015
5009	A/swine/Bac Ninh/278/2015
5010	A/swine/Bac Ninh/279/2015
5011	A/swine/Bac Ninh/281/2015
5012	A/swine/Bac Ninh/283/2015
5013	A/swine/Bac Ninh/284/2015
5014	A/swine/Bac Ninh/285/2015
5015	A/swine/Bac Ninh/286/2015
5016	A/swine/Bac Ninh/287/2015
5017	A/swine/Dong Nai/07-26-1/2015
5018	A/swine/Dong Nai/08-20-1/2015
5019	A/swine/Dong Nai/08-29-1/2015
5020	A/swine/Dong Nai/09-16-1/2015
5021	A/swine/Dong Nai/09-30-1/2015
5022	A/swine/Bac Ninh/13-29-2/2015
5023	A/swine/Dong Nai/08-13-2/2015
5024	A/swine/Dong Nai/08-18-2/2015
5025	A/swine/Dong Nai/08-19-2/2015
5026	A/swine/Dong Nai/08-22-2/2015
5027	A/swine/Dong Nai/08-29-2/2015
5028	A/canine/Korea/BD-1/2013
5029	A/canine/Korea/DG1/2014
5030	A/swine/Bac Ninh/11-01-3/2015

5031	A/swine/Bac Ninh/11-23-3/2015
5032	A/swine/Bac Ninh/11-26-3/2015
5033	A/swine/Bac Ninh/11-03-3/2015
5034	A/swine/Bac Ninh/11-30-3/2015
5035	A/swine/Bac Ninh/12-01-3/2015
5036	A/swine/Bac Ninh/12-12-3/2015
5037	A/swine/Bac Ninh/12-14-3/2015
5038	A/swine/Bac Ninh/12-15-3/2015
5039	A/swine/Bac Ninh/12-18-3/2015
5040	A/swine/Bac Ninh/12-19-3/2015
5041	A/swine/Bac Ninh/12-02-3/2015
5042	A/swine/Bac Ninh/12-20-3/2015
5043	A/swine/Bac Ninh/12-22-3/2015
5044	A/swine/Bac Ninh/12-23-3/2015
5045	A/swine/Bac Ninh/12-24-3/2015
5046	A/swine/Bac Ninh/12-25-3/2015
5047	A/swine/Bac Ninh/12-27-3/2015
5048	A/swine/Bac Ninh/12-28-3/2015
5049	A/swine/Bac Ninh/12-03-3/2015
5050	A/swine/Bac Ninh/12-30-3/2015
5051	A/swine/Bac Ninh/12-05-3/2015
5052	A/swine/Bac Ninh/12-06-3/2015
5053	A/swine/Bac Ninh/12-07-3/2015
5054	A/swine/Bac Ninh/12-08-3/2015
5055	A/swine/Bac Ninh/25-10-3/2015
5056	A/swine/Bac Ninh/25-17-3/2015
5057	A/swine/Bac Ninh/25-18-3/2015
5058	A/swine/Bac Ninh/25-02-3/2015
5059	A/swine/Bac Ninh/25-05-3/2015
5060	A/swine/Bac Ninh/26-11-3/2015
5061	A/swine/Bac Ninh/40-10-3/2015
5062	A/swine/Bac Ninh/40-12-3/2015
5063	A/swine/Bac Ninh/40-13-3/2015
5064	A/swine/Bac Ninh/40-14-3/2015
5065	A/swine/Bac Ninh/40-16-3/2015
5066	A/swine/Bac Ninh/40-18-3/2015

5067	A/swine/Bac Ninh/40-19-3/2015
5068	A/swine/Bac Ninh/40-20-3/2015
5069	A/swine/Bac Ninh/40-07-3/2015
5070	A/swine/Bac Ninh/40-08-3/2015
5071	A/swine/Bac Ninh/41-01-3/2015
5072	A/swine/Bac Ninh/41-10-3/2015
5073	A/swine/Bac Ninh/41-03-3/2015
5074	A/swine/Bac Ninh/41-04-3/2015
5075	A/swine/Bac Ninh/41-07-3/2015
5076	A/swine/Bac Ninh/41-08-3/2015
5077	A/swine/Bac Ninh/41-09-3/2015
5078	A/swine/Bac Ninh/42-01-3/2015
5079	A/swine/Bac Ninh/42-03-3/2015
5080	A/swine/Bac Ninh/42-04-3/2015
5081	A/swine/Bac Ninh/43-01-3/2015
5082	A/swine/Bac Ninh/43-04-3/2015
5083	A/swine/Bac Ninh/43-05-3/2015
5084	A/swine/Bac Ninh/43-07-3/2015
5085	A/swine/Bac Ninh/43-08-3/2015
5086	A/swine/Bac Ninh/43-09-3/2015
5087	A/swine/Bac Ninh/43-14-3/2015
5088	A/swine/Bac Ninh/43-15-3/2015
5089	A/swine/Bac Ninh/43-16-3/2015
5090	A/swine/Bac Ninh/43-18-3/2015
5091	A/swine/Bac Ninh/43-19-3/2015
5092	A/swine/Bac Ninh/43-20-3/2015
5093	A/swine/Bac Ninh/43-22-3/2015
5094	A/swine/Bac Ninh/43-23-3/2015
5095	A/swine/Bac Ninh/43-24-3/2015
5096	A/swine/Bac Ninh/43-25-3/2015
5097	A/swine/Bac Ninh/43-26-3/2015
5098	A/swine/Bac Ninh/43-27-3/2015
5099	A/swine/Bac Ninh/43-29-3/2015
5100	A/swine/Bac Ninh/43-30-3/2015
5101	A/swine/Bac Ninh/43-06-3/2015
5102	A/swine/Dong Nai/07-03-3/2015

5103	A/swine/Dong Nai/07-04-3/2015
5104	A/swine/Dong Nai/07-05-3/2015
5105	A/swine/Dong Nai/07-12-3/2015
5106	A/swine/Dong Nai/07-13-3/2015
5107	A/swine/Dong Nai/07-14-3/2015
5108	A/swine/Dong Nai/07-16-3/2015
5109	A/swine/Dong Nai/07-21-3/2015
5110	A/swine/Dong Nai/07-26-3/2015
5111	A/swine/Dong Nai/07-29-3/2015
5112	A/swine/Dong Nai/12-01-3/2015
5113	A/swine/Dong Nai/12-02-3/2015
5114	A/swine/Dong Nai/12-03-3/2015
5115	A/swine/Dong Nai/12-04-3/2015
5116	A/swine/Dong Nai/12-06-3/2015
5117	A/swine/Dong Nai/12-08-3/2015
5118	A/swine/Dong Nai/12-09-3/2015
5119	A/swine/Dong Nai/12-10-3/2015
5120	A/swine/Dong Nai/12-12-3/2015
5121	A/swine/Dong Nai/12-14-3/2015
5122	A/swine/Dong Nai/12-16-3/2015
5123	A/Brisbane/10/2010
5124	A/Tasmania/11/2014
5125	A/Newcastle/22/2014
5126	A/South Australia/17/2013
5127	A/Victoria/505/2013
5128	A/Victoria/506/2013
5129	A/Jena/MSV-VI5258/2009
5130	A/swine/Schallern/IDT19989/2014
5131	A/DC/3/2016
5132	A/DC/4/2016
5133	A/goose/Taiwan/01038/2015
5134	A/chicken/Taiwan/01174/2015
5135	A/duck/Taiwan/A3400/2015
5136	A/goose/Taiwan/01019/2015
5137	A/goose/Taiwan/01026/2015
5138	A/goose/Taiwan/01039/2015

5139	A/duck/Taiwan/01006/2015
5140	A/goose/Taiwan/01022/2015
5141	A/goose/Taiwan/01023/2015
5142	A/goose/Taiwan/01031/2015
5143	A/goose/Taiwan/01040/2015
5144	A/goose/Taiwan/01042/2015
5145	A/goose/Taiwan/01004/2015
5146	A/goose/Taiwan/01003/2015
5147	A/DC/1/2014
5148	A/equine/Tennessee/28A/2014
5149	A/equine/Tennessee/4A/2014
5150	A/equine/Tennessee/27A/2014
5151	A/equine/Tennessee/28B/2014
5152	A/equine/Tennessee/29A/2014
5153	A/equine/Tennessee/30A/2014
5154	A/Jiangsu/Wuxi04/2013
5155	A/duck/India/11CA08/2014
5156	A/feline/Guangdong/1/2015
5157	A/feline/Guangdong/2/2015
5158	A/tiger/Yunnan/tig1508/2015
5159	A/tiger/Yunnan/tig1404/2014
5160	A/chicken/Shandong/wf0514/2013
5161	A/chicken/Guangdong/10.16 SZLGKQHY-072/2015
5162	A/DC/2/2016
5163	A/ostrich/Zimbabwe/222-E3/1996
5164	A/turtle dove/Guangdong/300/2005
5165	A/chicken/Shandong/wf12010/2012
5166	A/chicken/Shandong/wf0202/2012
5167	A/chicken/Shandong/qd1224/2012
5168	A/chicken/Shandong/qd0920/2012
5169	A/chicken/Shandong/qd0516/2012
5170	A/chicken/Shandong/qd01417/2013
5171	A/chicken/Shandong/yt0106/2012
5172	A/chicken/Shandong/qd1115/2012
5173	A/chicken/Shandong/wf0712/2013
5174	A/chicken/Jiangsu/03/2007

5175	A/chicken/Tianjin/61/2012
5176	A/chicken/Tianjin/120/2013
5177	A/chicken/Hebei/1024/2012
5178	A/chicken/Hebei/0109/2013
5179	A/chicken/Beijing/0331/2013
5180	A/chicken/Tianjin/614/2012
5181	A/chicken/Liaoning/0517/2013
5182	A/chicken/Jilin/0519/2012
5183	A/Malaysia/2867/2015
5184	A/Fiji/17/2015
5185	A/Canberra/1/2016
5186	A/Victoria/900/2016
5187	A/Brisbane/202/2015
5188	A/Darwin/3/2016
5189	A/Sydney/8/2016
5190	A/Sydney/15/2016
5191	A/Canberra/4/2016
5192	A/Brisbane/8/2016
5193	A/Newcastle/6/2016
5194	A/Darwin/28/2016
5195	A/Brisbane/58/2016
5196	A/Townsville/6/2016
5197	A/Cambodia/Z1210510/2015
5198	A/Tasmania/1/2016
5199	A/Sydney/9/2016
5200	A/Brisbane/183/2015
5201	A/Sri Lanka/61/2015
5202	A/Sydney/30/2016
5203	A/Sydney/29/2016
5204	A/chicken/Wuxi/SC7393/2015
5205	A/Fujian-Sanyuan/SWL2262/2016
5206	A/duck/Hebei/B1646-2/2011
5207	A/duck/Guangzhou/018/2014
5208	A/duck/Guangzhou/021/2014
5209	A/Chilean teal/Chile/9/2013
5210	A/Kenya/001/2015

5211	A/Kenya/002/2015
5212	A/Kenya/004/2015
5213	A/Kenya/005/2015
5214	A/Kenya/006/2015
5215	A/Kenya/007/2015
5216	A/turkey/Ontario/FAV-005-2/2016
5217	A/turkey/Ontario/FAV-006-4/2016
5218	A/turkey/Ontario/FAV-006-10/2016
5219	A/turkey/Manitoba/FAV-0009-2/2016
5220	A/turkey/Manitoba/FAV-0009-3/2016
5221	A/yellow-billed pintail/Chile/6/2013
5222	A/Kenya/39/2009
5223	A/Cambodia/FSS31603/2015
5224	A/Perth/99/2015
5225	A/South Auckland/32/2015
5226	A/Newcastle/64/2015
5227	A/Malaysia/69722/2015
5228	A/Brisbane/47/2015
5229	A/Victoria/1000/2015
5230	A/Fiji/7/2015
5231	A/Singapore/INFGP-16-0013/2016
5232	A/Singapore/INFGP-16-0064/2016
5233	A/Singapore/INFGP-16-0107/2016
5234	A/Singapore/INFGP-16-0109/2016
5235	A/Singapore/INFGP-16-0128/2016
5236	A/Singapore/INFGP-16-0206/2016
5237	A/Singapore/INFGP-16-0226/2016
5238	A/Singapore/INFKK-16-0017/2016
5239	A/Singapore/INFKK-16-0051/2016
5240	A/Singapore/INFTT-16-0013/2016
5241	A/Singapore/INFTT-16-0082/2016
5242	A/Singapore/INFNUH-16-0001/2016
5243	A/Singapore/INFTT-16-0066/2016
5244	A/Singapore/INFSGH-16-0075/2016
5245	A/Singapore/INFGP-16-0262/2016
5246	A/Singapore/INFGP-16-0306/2016

5247	A/Singapore/INFGP-16-0359/2016
5248	A/Singapore/INFGP-16-0368/2016
5249	A/Singapore/INFGP-16-0371/2016
5250	A/Singapore/INFGP-16-0491/2016
5251	A/Singapore/INFTT-16-0164/2016
5252	A/Singapore/INFTT-16-0203/2016
5253	A/Singapore/INFKK-16-0150/2016
5254	A/Singapore/INFKK-16-0209/2016
5255	A/Singapore/INFEN-16-0085/2016
5256	A/Singapore/INFKK-16-0207/2016
5257	A/Singapore/INFTT-16-0234/2016
5258	A/Singapore/INFTT-16-0242/2016
5259	A/Singapore/INFSGH-16-0096/2016
5260	A/Singapore/INFSGH-16-0105/2016
5261	A/Singapore/INFGP-16-0258/2016
5262	A/Singapore/INFGP-16-0259/2016
5263	A/Singapore/INFGP-16-0270/2016
5264	A/Singapore/INFGP-16-0659/2016
5265	A/Singapore/INFGP-16-0709/2016
5266	A/Singapore/INFGP-16-0755/2016
5267	A/Singapore/INFGP-16-0802/2016
5268	A/Singapore/INFGP-16-0842/2016
5269	A/Singapore/INFTT-16-0345/2016
5270	A/Singapore/INFTT-16-0425/2016
5271	A/Singapore/INFEN-16-0247/2016
5272	A/Singapore/INFKK-16-0301/2016
5273	A/Singapore/INFKK-16-0359/2016
5274	A/Singapore/INFNUH-16-0004/2016
5275	A/Singapore/INFNUH-16-0010/2016
5276	A/Singapore/INFSGH-16-0162/2016
5277	A/Singapore/INFMOH-16-0037/2016
5278	A/Singapore/INFMOH-16-0039/2016
5279	A/Singapore/INFMOH-16-0040/2016
5280	A/Singapore/INFMOH-16-0041/2016
5281	A/Singapore/INFMOH-16-0042/2016
5282	A/Singapore/INFKK-16-0149/2016

5283	A/Singapore/INFTT-16-0285/2016
5284	A/Singapore/INFGP-16-0981/2016
5285	A/Singapore/INFGP-16-1008/2016
5286	A/Singapore/INFKK-16-0436/2016
5287	A/Singapore/INFKK-16-0462/2016
5288	A/Singapore/INFKK-16-0496/2016
5289	A/Singapore/INFKK-16-0499/2016
5290	A/Singapore/INFTT-16-0469/2016
5291	A/Singapore/INFTT-16-0525/2016
5292	A/Singapore/INFTT-16-0461/2016
5293	A/Singapore/INFTT-16-0475/2016
5294	A/Singapore/INFTT-16-0516/2016
5295	A/Singapore/INFNUH-16-0011/2016
5296	A/Singapore/INFIMH-16-0016/2016
5297	A/Singapore/INFTT-16-0573/2016
5298	A/Singapore/INFTT-16-0605/2016
5299	A/Singapore/INFNUH-16-0013/2016
5300	A/Singapore/INFMOH-16-0057/2016
5301	A/Singapore/INFMOH-16-0058/2016
5302	A/Singapore/INFMOH-16-0059/2016
5303	A/Singapore/INFMOH-16-0060/2016
5304	A/Singapore/INFMOH-16-0062/2016
5305	A/Singapore/INFMOH-16-0063/2016
5306	A/Singapore/INFKK-16-0576/2016
5307	A/Singapore/INFKK-16-0594/2016
5308	A/Brisbane/9/2016
5309	A/Sydney/52/2016
5310	A/Brisbane/83/2016
5311	A/Newcastle/30/2016
5312	A/Newcastle/32/2016
5313	A/Canberra/7/2016
5314	A/Canberra/5/2016
5315	A/South Australia/28/2016
5316	A/chicken/Egypt/Q10920C/2015
5317	A/chicken/Egypt/A10759E/2015
5318	A/chicken/Egypt/D10552C/2015

5319	A/chicken/Egypt/S10937B/2015
5320	A/chicken/Egypt/A10542C/2015
5321	A/chicken/Egypt/A10543B/2015
5322	A/chicken/Egypt/D10551D/2015
5323	A/chicken/Egypt/A10759B/2015
5324	A/chicken/Egypt/A10544C/2015
5325	A/chicken/Egypt/D10551C/2015
5326	A/chicken/Egypt/A10537C/2015
5327	A/chicken/Egypt/D10658E/2015
5328	A/chicken/Egypt/A10540D/2015
5329	A/chicken/Egypt/F9516B/2014
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5593	A/wild bird/Bhutan/357/2012
5594	A/chicken/Bhutan/349/2012
5595	A/yellow billed duck/Bhutan/358/2012
5596	A/wild bird/Bhutan/308/2012
5597	A/chicken/Bhutan/1029/2012
5598	A/chicken/Bhutan/258/2012
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5631	A/wild bird/Bhutan/329/2012
5632	A/chicken/Bhutan/265/2012
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5637	A/northern shoveler/California/1628V/2013
5638	A/gadwall/California/COL039/2014
5639	A/mallard/California/UCD656/2015
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5643	A/mallard/California/UCD686/2015
5644	A/mallard/California/57820/2015
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5646	A/northern shoveler/California/LDC351/2015
5647	A/American wigeon/California/LS257/2014
5648	A/mallard/California/UCD975/2015
5649	A/mallard/California/UCD736/2015
5650	A/mallard/California/UCD809/2015
5651	A/American wigeon/California/LDC111/2014
5652	A/mallard/California/LDC331/2015
5653	A/northern shoveler/California/LDC391/2015
5654	A/mallard/California/UCD704/2015
5655	A/mallard/California/UCD841/2015
5656	A/northern shoveler/California/LDC366/2015
5657	A/mallard/California/UCD1154/2015
5658	A/American wigeon/California/COL041/2014
5659	A/mallard/California/57889/2015
5660	A/northern shoveler/California/1670V/2013
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5663	A/mallard/California/UCD833/2015
5664	A/mallard/California/UCD707/2015
5665	A/gadwall/California/1711V/2013
5666	A/mallard/California/UCD805/2015
5667	A/blue-winged teal/Guatemala/CIP049H098-32/2010
5668	A/blue-winged teal/Guatemala/CIP049H103-13/2011
5669	A/blue-winged teal/Guatemala/CIP049H110-36/2012
5670	A/Brisbane/30/2016
5671	A/Sydney/20/2016
5672	A/South Australia/1/2016
5673	A/Tasmania/3/2016
5674	A/swine/France/22-130212/2013
5675	A/swine/Kitzen/IDT6142/2007
5676	A/great crested grebe/Tyva/34/2016
5677	A/wild duck/Tyva/35/2016
5678	A/black-headed gull/Tyva/41/2016

5679	A/environment/Kamchatka/23/2016
5680	A/environment/Kamchatka/24/2016
5681	A/Sydney/1006/2016
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5683	A/South Australia/36/2016
5684	A/Newcastle/52/2016
5685	A/Sydney/117/2016
5686	A/New Caledonia/33/2016
5687	A/Chanthaburi/123/2016
5688	A/Fiji/56/2016
5689	A/Sydney/101/2016
5690	A/Newcastle/43/2016
5691	A/Victoria/2/2016
5692	A/Victoria/12/2016
5693	A/Sydney/1012/2016
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5737	A/Fiji/51/2016
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5743	A/Newcastle/58/2016
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5745	A/Victoria/518/2016
5746	A/South Africa/R4564/2016
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5755	A/South Australia/33/2016
5756	A/Khabarovsk/RII27/2016
5757	A/Krasnodar/RII42/2016
5758	A/Samara/RII30/2016
5759	A/Stavropol/RII06/2016
5760	A/Khabarovsk/RII84/2016
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5762	A/Kaliningrad/RII967/2016
5763	A/Saint-Petersburg/RII214/2016
5764	A/Khabarovsk/RII28/2016
5765	A/Kirov/RII648/2016
5766	A/Rostov-on-Don/RII22/2016
5767	A/Samara/RII35/2016
5768	A/Samara/RII07/2016
5769	A/Nizhni Novgorod/RII277/2016
5770	A/Nizhni Novgorod/RII294/2016
5771	A/Kaliningrad/RII79/2016
5772	A/Omsk/RII01/2016
5773	A/Omsk/RII29/2016
5774	A/Ekaterinburg/RII01/2016
5775	A/Ekaterinburg/RII08/2016
5776	A/Vladivostok/RII104/2016
5777	A/Vladivostok/RII109/2016
5778	A/Naryan-Mar/RII01/2016
5779	A/Novosibirsk/RII12/2016
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5781	A/Rostov-On-Don/RII27/2016
5782	A/Ekaterinburg/RII10/2016
5783	A/Ekaterinburg/RII16/2016
5784	A/Vladivostok/RII1313/2016
5785	A/Khabarovsk/RII56/2016
5786	A/Tula/RII01/2016

5787	A/Tula/RII04/2016
5788	A/Ekaterinburg/RII12/2016
5789	A/Irkutsk/RII10/2016
5790	A/Omsk/RII14/2016
5791	A/Novosibirsk/RII39/2016
5792	A/Stavropol/RII04/2016
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5794	A/Moscow/SEC-06/2016
5795	A/Moscow/SEC-12/2016
5796	A/Novosibirsk/RII62/2016
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5816	A/Saint-Petersburg/RII4005S/2016
5817	A/Saint-Petersburg/RII1073M/2016
5818	A/Saint-Petersburg/RII1529M/2016
5819	A/Saint-Petersburg/RII1530M/2016
5820	A/Saint-Petersburg/RII1532M/2016
5821	A/Simferopol/RII4194S/2016
5822	A/Arkhangelsk/RII137/2016

5823	A/Simferopol/RII4208S/2016
5824	A/Saint-Petersburg/RII1066M/2016
5825	A/Saint-Petersburg/RII1068M/2016
5826	A/Saint-Petersburg/RII48/2016
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5830	A/Saint-Petersburg/RII51/2016
5831	A/Ulan-Ude/RII02/2016
5832	A/Saint-Petersburg/RII03/2016
5833	A/Saint-Petersburg/RII07/2016
5834	A/Saint-Petersburg/RII08/2016
5835	A/Saint-Petersburg/RII48/2016
5836	A/Saint-Petersburg/RII57/2016
5837	A/Saint-Petersburg/RII58/2016
5838	A/Krasnodar/RII40/2016
5839	A/Stavropol/RII05/2016
5840	A/Saint-Petersburg/RII150/2016
5841	A/Saint-Petersburg/RII2208S/2016
5842	A/Saint-Petersburg/RII2945S/2016
5843	A/Saint-Petersburg/RII362S/2016
5844	A/ruddy turnstone/Delaware Bay/536/2012
5845	A/white-rumped sandpiper/Lagoa do Peixe/RS1167/2012
5846	A/white-rumped sandpiper/Lagoa do Peixe/RS1169/2012
5847	A/white-rumped sandpiper/Lagoa do Peixe/RS1154/2012
5848	A/ruddy turnstone/Delaware Bay/595/2012
5849	A/shorebird/Delaware Bay/556/2012
5850	A/shorebird/Delaware Bay/548/2012
5851	A/white-rumped sandpiper/Lagoa do Peixe/RS1196/2012
5852	A/shorebird/Delaware Bay/558/2012
5853	A/white-rumped sandpiper/Lagoa do Peixe/RS1177/2012
5854	A/chicken/Gansu/5/2012
5855	A/chicken/Gansu/6/2012
5856	A/chicken/Heilongjiang/S7/2014
5857	A/chicken/Ningxia/2/2012
5858	A/swine/Mexico/GtoDMZC02/2014

5859	A/chicken/India/12CA01/2013
5860	A/Brisbane/E1/2007
5861	A/canine/Illinois/2883703/2015
5862	A/canine/Georgia/95391/2015
5863	A/canine/Indiana/96198/2015
5864	A/canine/Wisconsin/19137/2016
5865	A/canine/Massachusetts/26810/2016
5866	A/canine/Illinois/0843093/2015
5867	A/canine/North Carolina/109904/2015
5868	A/canine/Korea/0589318/2015
5869	A/canine/Georgia/104940/2015
5870	A/canine/Illinois/1619144/2015
5871	A/canine/Texas/343907/2015
5872	A/chicken/France/150169a/2015
5873	A/duck/Vietnam/QT1483/2012
5874	A/duck/Vietnam/ST1490-1/2012
5875	A/duck/Vietnam/ST1489-1/2012
5876	A/duck/Vietnam/ST1490-3/2012
5877	A/duck/Vietnam/QT1456-1/2012
5878	A/duck/Vietnam/ST1490-2/2012
5879	A/duck/Vietnam/ST1488-2/2012
5880	A/duck/Vietnam/QT1729/2013
5881	A/duck/Vietnam/QT1456-3/2012
5882	A/duck/Vietnam/ST1491-1/2012
5883	A/duck/Vietnam/QT1728/2013
5884	A/duck/Vietnam/QT1480/2012
5885	A/duck/Vietnam/QT1457-3/2012
5886	A/duck/Vietnam/QT1455-1/2012
5887	A/duck/Vietnam/QT1455-2/2012
5888	A/duck/Vietnam/ST1551-3/2012
5889	A/duck/Vietnam/QT1457-2/2012
5890	A/duck/Vietnam/ST1491-2/2012
5891	A/duck/Vietnam/ST1488-1/2012
5892	A/duck/Vietnam/QT1730/2013
5893	A/duck/Vietnam/QT1457-1/2012
5894	A/duck/Vietnam/ST1491-3/2012

5895	A/duck/Vietnam/ST1489-3/2012
5896	A/duck/Vietnam/QT1727/2013
5897	A/duck/Vietnam/ST1488-3/2012
5898	A/duck/Vietnam/QT1481/2012
5899	A/duck/Vietnam/ST1489-2/2012
5900	A/duck/Vietnam/QT1458-3/2012
5901	A/duck/Vietnam/QT1455-3/2012
5902	A/duck/Vietnam/QT1484/2012
5903	A/duck/Vietnam/QT1458-1/2012
5904	A/duck/Vietnam/QT1456-2/2012
5905	A/duck/Vietnam/QT1726/2013
5906	A/environment/Zhongshan/ZS201501/2015
5907	A/environment/Zhongshan/ZS201502/2015
5908	A/environment/Zhongshan/ZS201503/2015
5909	A/environment/Zhongshan/ZS201504/2015
5910	A/environment/Zhongshan/ZS201505/2015
5911	A/environment/Zhongshan/ZS201506/2015
5912	A/environment/Zhongshan/ZS201601/2016
5913	A/environment/Zhongshan/ZS201602/2016
5914	A/environment/Zhongshan/ZS201603/2016
5915	A/white-rumped sandpiper/Lagoa do Peixe/RS1151/2012
5916	A/mallard/Alberta/177/2004
5917	A/ferret/Maryland/P10-UMD/2012
5918	A/guineafowl/Hong Kong/WF10_CIP046_RGAO031/1999
5919	A/turkey/OH/313053_CIP046_RGJS49/2004
5920	A/guineafowl/Hong Kong/WF10_CIP046_RGAO032/1999
5921	A/guineafowl/Hong Kong/WF10_CIP046_RGAO032/1999
5922	A/turkey/OH/313053_CIP046_RGJS44/2004
5923	A/turkey/OH/313053_CIP046_RGJS70/2004
5924	A/turkey/OH/313053_CIP046_RGJS54/2004
5925	A/guineafowl/Hong Kong/WF10_CIP046_RGAO031/1999
5926	A/guineafowl/Hong Kong/WF10_CIP046_RGAO032/1999
5927	A/ferret/Maryland/P10-UMD_CIP046_RGJS08/2008
5928	A/turkey/OH/313053_CIP046_RGJS71/2004
5929	A/guineafowl/Hong Kong/WF10_CIP046_RGAO031/1999
5930	A/guineafowl/Hong Kong/WF10_CIP046_RGAO031/1999

5931	A/guineafowl/Hong Kong/WF10_CIP046_RGAO031/1999
5932	A/guineafowl/Hong Kong/WF10_CIP046_RGAO032/1999
5933	A/turkey/OH/313053_CIP046_RGJS72/2004
5934	A/ferret/Maryland/P10-UMD_CIP046_RGJS07/2008
5935	A/chicken/Jiangsu/C1/2008
5936	A/chicken/Anhui/AH120/2015
5937	A/chicken/Jiangsu/JS4539/2014
5938	A/Guangdong/W1/2004
5939	A/duck/Okayama/330109/2013
5940	A/duck/Saga/411008/2014
5941	A/duck/Shimane/320102/2013
5942	A/duck/Tokushima/361019/2013
5943	A/duck/Miyazaki/451101/2012
5944	A/duck/Shimane/321112/2014
5945	A/duck/Saga/411114/2013
5946	A/duck/Miyazaki/451115/2012
5947	A/duck/Kagoshima/461213/2013
5948	A/duck/Okinawa/471017/2015
5949	A/duck/Shimane/321108/2014
5950	A/duck/Kyoto/261007/2014
5951	A/duck/Kyoto/260112/2016
5952	A/duck/Kumamoto/431105/2014
5953	A/duck/Kagoshima/461210/2013
5954	A/duck/Yamaguchi/351211/2015
5955	A/duck/Tottori/311018/2015
5956	A/duck/Kyoto/261011/2014
5957	A/duck/Shiga/250302/2016
5958	A/duck/Miyazaki/451105/2015
5959	A/duck/Miyazaki/450110/2016
5960	A/duck/Miyazaki/451116/2012
5961	A/duck/Saga/411005/2012
5962	A/duck/Shimane/321004/2014
5963	A/duck/Kumamoto/431119/2014
5964	A/duck/Miyazaki/450307/2016
5965	A/duck/Shimane/321017/2015
5966	A/duck/Tokushima/361020/2015

5967	A/duck/Shimane/321114/2012
5968	A/duck/Kyoto/261007/2015
5969	A/duck/Tokushima/361002/2015
5970	A/duck/Kagoshima/461219/2013
5971	A/duck/Kagoshima/46-04/2014
5972	A/duck/Gunma/100213/2015
5973	A/Environment/Jiangxi/14737/2014
5974	A/duck/India/10CA01/2016
5975	A/painted stork/India/10CA03/2016
5976	A/mallard/Germany/439/2004
5977	A/Sydney/188/2016
5978	A/Victoria/2080/2016
5979	A/Newcastle/83/2016
5980	A/Victoria/2049/2016
5981	A/duck/Tsukuba/922/08
5982	A/tufted duck/Germany-SH/R8444/2016
5983	A/duck/Chiba/1/06
5984	A/duck/Akita/714/06
5985	A/whistling swan/Shimane/42/80
5986	A/duck/Chiba/1/2010
5987	A/teal/Tottori/150/2002
5988	A/duck/Gunma/82/2012
5989	A/duck/Tsukuba/30/07
5990	A/duck/Akita/212/05
5991	A/duck/Tsukuba/394/2005
5992	A/duck/Chiba/25-51-14/2013
5993	A/duck/Aichi/231110/2012
5994	A/pochard/Fukui/131816/2013
5995	A/pochard/Fukui/131817/2013
5996	A/duck/Niigata/477/07
5997	A/Environment/Jiangxi/24429/2014
5998	A-duck-Ibaraki-1-2016-E1_S1
5999	A/duck/Niigata/151015/2016
6000	A/duck/Toyama/161010/2016
6001	A/duck/Niigata/151019/2016
6002	A/duck/Niigata/151014/2016

6003	A/duck/Fukui/181015/2016
6004	A/duck/Fukui/181019/2016
6005	A/duck/Aichi/231001/2016
6006	A/duck/Aichi/231002/2016
6007	A/duck/Aichi/231003/2016
6008	A/duck/Aichi/231008/2016
6009	A/duck/Aichi/231010/2016
6010	A/duck/Aichi/231013/2016
6011	A/duck/Aichi/231019/2016
6012	A/duck/Aichi/231105/2015
6013	A/duck/Aichi/230307/2015
6014	A/duck/Fukui/181111/2015
6015	A/duck/Fukui/181015/2015
6016	A/duck/Fukui/181006/2015
6017	A/wildbird/Niigata/151213/2015
6018	A/muscovy duck/Aomori/1-2T/2016
6019	A/muscovy duck/Aomori/2-4T/2016
6020	A/chicken/Niigata/2-7T/2016
6021	A/muscovy duck/Aomori/1-10C/2016
6022	A/chicken/Niigata/2-6T/2016
6023	A/chicken/Niigata/2-8T/2016
6024	A/chicken/Niigata/2-5C/2016
6025	A/muscovy duck/Aomori/2-2T/2016
6026	A/muscovy duck/Aomori/2-1C/2016
6027	A/muscovy duck/Aomori/2-3T/2016
6028	A/whooper swan/Ibaraki/081104/2016
6029	A/muscovy duck/Aomori/1-3T/2016
6030	A/duck/Yamanashi/191109/2016
6031	A/duck/Yamanashi/191113/2016
6032	A/duck/Yamanashi/191112/2016
6033	A/duck/Yamanashi/191110/2016
6034	A/duck/Yamanashi/191106/2016
6035	A/duck/Yamanashi/191111/2016
6036	A/duck/Gunma/2/2016
6037	A/duck/Gunma/4/2016
6038	A/duck/Gunma/1/2016

6039	A/duck/Gunma/3/2016
6040	A/Netherlands/398/2014
6041	A/Netherlands/2393/2015
6042	A/turkey/England/052131/2016
6043	A/black headed gull/Ibaraki/235T/2016
6044	A/black headed gull/Ibaraki/253T/2016
6045	A/mute swan/Ibaraki/239C/2016
6046	A/mute swan/Ibaraki/236T/2016
6047	A/mute swan/Ibaraki/250T/2016
6048	A/mute swan/Ibaraki/245C/2016
6049	A/mute swan/Ibaraki/232C/2016
6050	A/mute swan/Ibaraki/247C/2016
6051	A/mute swan/Ibaraki/240C/2016
6052	A/mute swan/Ibaraki/249T/2016
6053	A/mute swan/Ibaraki/242T/2016
6054	A/mute swan/Ibaraki/254C/2016
6055	A/chicken/Niigata/1-1T/2016
6056	A/chicken/Niigata/1-2C/2016
6057	A/chicken/Niigata/1-3C/2016
6058	A/chicken/Niigata/1-4C/2016
6059	A/muscovy duck/Aomori/1-1T/2016
6060	A/muscovy duck/Aomori/1-7T/2016
6061	A/chicken/Hokkaido/1-3-7T/2016
6062	A/mute swan/Kyoto/8T/2016
6063	A/duck/Ibaraki/99/2016
6064	A/duck/Ibaraki/108/2016
6065	A/mute swan/Kyoto/6T/2016
6066	A/mute swan/Kyoto/5T/2016
6067	A/chicken/Miyazaki/1-4C/2016
6068	A/mute swan/Kyoto/4T/2016
6069	A/black headed gull/Ibaraki/258T/2016
6070	A/mute swan/Kyoto/3T/2016
6071	A/duck/Ibaraki/102/2016
6072	A/mute swan/Ibaraki/269T/2016
6073	A/chicken/Hokkaido/1-1C2C/2016
6074	A/black headed gull/Ibaraki/265T/2016

6075	A/duck/Ibaraki/107/2016
6076	A/mute swan/Ibaraki/255C/2016
6077	A/duck/Ibaraki/22/2016
6078	A/mute swan/Kyoto/2T/2016
6079	A/chicken/Hokkaido/1-3-7C/2016
6080	A/black swan/Ibaraki/272C/2016
6081	A/duck/Ibaraki/104/2016
6082	A/chicken/Miyazaki/1-7C/2016
6083	A/chicken/Miyazaki/1-6T/2016
6084	A/duck/Ibaraki/109/2016
6085	A/chicken/Miyazaki/1-6C/2016
6086	A/chicken/Miyazaki/1-7T/2016
6087	A/black swan/Ibaraki/259T/2016
6088	A/mute swan/Ibaraki/211T/2016
6089	A/mute swan/Kyoto/1T/2016
6090	A/Equine/Ayrshire/1/2013
6091	A/Equine/East Sussex/1/2015
6092	A/Equine/Kent/1/15
6093	A/Equine/South Africa/4/03
6094	A/chicken/Kumamoto/1-7T/2016
6095	A/black headed gull/Ibaraki/282T/2016
6096	A/black-headed-gull/Ibaraki/267T/2016
6097	A/chicken/Kumamoto/1-1T/2016
6098	A/mute swan/Ibaraki/263T/2016
6099	A/mute swan/Ibaraki/262C/2016
6100	A/chicken/Kumamoto/1-4C/2016
6101	A/whooper swan/Ibaraki/301T/2016
6102	A/black swan/Ibaraki/290C/2016
6103	A/great crested grebe/Ibaraki/286T/2016
6104	A/great crested grebe/Ibaraki/287T/2016
6105	A/mute swan/Ibaraki/252T/2016
6106	A/black swan/Ibaraki/256C/2016
6107	A/chicken/Miyazaki/1-5C/2016
6108	A/black headed gull/Ibaraki/291T/2016
6109	A/chicken/Kumamoto/1-2C/2016
6110	A/chicken/Kumamoto/1-3T/2016

6111	A/black swan/Ibaraki/302C/2016
6112	A/chicken/Kumamoto/1-6T/2016
6113	A/chicken/Kumamoto/1-7C/2016
6114	A/chicken/Kumamoto/1-4T/2016
6115	A/chicken/Kumamoto/1-5C/2016
6116	A/mute swan/Ibaraki/270T/2016
6117	A/mute swan/Ibaraki/248C/2016
6118	A/chicken/Kumamoto/1-3C/2016
6119	A/black swan/Ibaraki/271C/2016
6120	A/black swan/Ibaraki/310C/2017
6121	A/pochard/Ibaraki/268T/2016
6122	A/chicken/Kumamoto/1-1C/2016
6123	A/chicken/Kumamoto/1-2T/2016
6124	A/black headed gull/Ibaraki/289T/2016
6125	A/great crested grebe/Ibaraki/298C/2016
6126	A/muteswan/Ibaraki/277T/2016
6127	A/chicken/Kumamoto/1-5T/2016
6128	A/chicken/Gifu/1-1T/2017
6129	A/duck/Fukuoka/401202/2016
6130	A/chicken/Gifu/1-1C/2017
6131	A/chicken/Gifu/1-10C/2017
6132	A/whooper swan/Ibaraki/331C/2017
6133	A/chicken/Gifu/1-2T/2017
6134	A/chicken/Gifu/1-10T/2017
6135	A/chicken/Gifu/1-6C/2017
6136	A/duck/Yamaguchi/351201/2016
6137	A/chicken/Gifu/1-6T/2017
6138	A/chicken/Gifu/1-9C/2017
6139	A/chicken/Gifu/1-8C/2017
6140	A/chicken/Gifu/1-2C/2017
6141	A/black swan/Ibaraki/341T/2017
6142	A/Guizhou-Nanming/12878/2016
6143	A/Anhui-Luyang/3155/2016
6144	A/Shandong-Rencheng/112/2017
6145	A/Neimenggu-Kundoulun/15/2017
6146	A/Jilin-Longshan/15/2017

6147	A/Anhui-Jinghu/611/2017
6148	A/Guangxi-Qixin/328/2016
6149	A/Hubei-Wuchang/1678/2016
6150	A/Anhui-Shushan/3236/2016
6151	A/Henan-Shihe/123/2017
6152	A/Hunan-Louxin/120/2017
6153	A/Jiangsu-Runzhou/SWL1995/2016
6154	A/Guangdong-Dongwanbendi/5342/2016
6155	A/Fujian-Gulou/11611/2016
6156	A/Hubei-Dongbao/1758/2016
6157	A/Hunan-Suxian/1980/2016
6158	A/Hunan-Yueyanglou/1846/2016
6159	A/Sichuan-Wuhou/2202/2016
6160	A/Jiangxi-Donghu/11758/2016
6161	A/Beijing-Xicheng/12534/2016
6162	A/Shanghai-Hongkou/1792/2016
6163	A/Yunnan-Wenshan/1859/2016
6164	A/Jiangxi-Zhushan/1680/2016
6165	A/Tianjin-Nankai/1774/2016
6166	A/Guangdong-Zhongshan/1956/2016
6167	A/Zhejiang-Yongkang/1779/2016
6168	A/Chongqing-Shapingba/310/2016
6169	A/Zhejiang-Yongkang/1879/2016
6170	A/Tianjin-Nankai/1973/2016
6171	A/Beijing-Daxin/315/2016
6172	A/Jiangxi-Zhushan/1869/2016
6173	A/Sichuan-Wuhou/2207/2016
6174	A/Tianjin-Beichen/1498/2016
6175	A/Yunnan-Wenshan/1902/2016
6176	A/Guizhou-Honghuagang/1840/2016
6177	A/Beijing-Huairou/12355/2016
6178	A/Hubei-Hongshan/1320/2016
6179	A/Hubei-Jiangan/1719/2016
6180	A/Saint-Petersburg/RII99S/2016
6181	A/Saint-Petersburg/RII100S/2016
6182	A/Saint-Petersburg/RII127S/2016

6183	A/Saint-Petersburg/RII155S/2016
6184	A/Saint-Petersburg/RII694S/2016
6185	A/Saint-Petersburg/RII698S/2016
6186	A/Saint-Petersburg/RII699S/2016
6187	A/Saint-Petersburg/RII707S/2016
6188	A/Saint-Petersburg/RII849S/2016
6189	A/Saint-Petersburg/RII855S/2016
6190	A/Saint-Petersburg/RII867S/2016
6191	A/Saint-Petersburg/RII917S/2016
6192	A/Saint-Petersburg/RII921S/2016
6193	A/Saint-Petersburg/RII925S/2016
6194	A/Saint-Petersburg/RII928S/2016
6195	A/Rostov-On-Don/RII150S/2016
6196	A/Rostov-On-Don/RII152S/2016
6197	A/Arkhangelsk/RII153S/2016
6198	A/Orel/RII317S/2016
6199	A/Nizhny Tagil/RII322S/2016
6200	A/Venev/RII358S/2016
6201	A/Tula/RII766S/2016
6202	A/Kaliningrad/RII448S/2016
6203	A/Kaliningrad/RII449S/2016
6204	A/Samara/RII454S/2016
6205	A/Samara/RII455S/2016
6206	A/Kirov/RII458S/2016
6207	A/Kirov/RII459S/2016
6208	A/Belgorod/RII464S/2016
6209	A/Belgorod/RII473S/2016
6210	A/Irkutsk/RII485S/2016
6211	A/Irkutsk/RII895S/2016
6212	A/Irkutsk/RII901S/2016
6213	A/Irkutsk/RII484S/2016
6214	A/Saratov/RII489S/2016
6215	A/Saratov/RII490S/2016
6216	A/Saratov/RII494S/2016
6217	A/Vologda/RII504S/2016
6218	A/Vologda/RII506S/2016

6219	A/Khabarovsk/RII524S/2016
6220	A/Khabarovsk/RII525S/2016
6221	A/Nizhny Novgorod/RII541S/2016
6222	A/Sergach/RII542S/2016
6223	A/Voronezh/RII546S/2016
6224	A/Yaroslavl/RII613S/2016
6225	A/Yaroslavl/RII616S/2016
6226	A/Tomsk/RII617S/2016
6227	A/Tomsk/RII618S/2016
6228	A/Tomsk/RII619S/2016
6229	A/Tosno/RII718S/2016
6230	A/Podporozhye/RII940S/2016
6231	A/Ulan-Ude/RII726S/2016
6232	A/Ulan-Ude/RII735S/2016
6233	A/Pskov/RII739S/2016
6234	A/Stavropol/RII743S/2016
6235	A/Volgograd/RII745S/2016
6236	A/Volgograd/RII753S/2016
6237	A/Volgograd/RII759S/2016
6238	A/Lipetsk/RII779S/2016
6239	A/Lipetsk/RII782S/2016
6240	A/Lipetsk/RII784S/2016
6241	A/Petropavlovsk-Kamchatsky/RII802S/2016
6242	A/Petropavlovsk-Kamchatsky/RII803S/2016
6243	A/Aniva/RII904S/2016
6244	A/Korsakov/RII908S/2016
6245	A/Vladikavkaz/RII914S/2016
6246	A/Makhachkala/RII949S/2016
6247	A/Simpheropol/RII837S/2016
6248	A/Simpheropol/RII847S/2016
6249	A/IIV-Moscow/173/2016
6250	A/IIV-Moscow/171/2016
6251	A/IIV-Moscow/174/2016
6252	A/IIV-Moscow/175/2016
6253	A/IIV-Moscow/176/2016
6254	A/Saint-Petersburg/RII333/2016

6255	A/chicken/Kumamoto/1-6C/2016
6256	A/wild bird/Jiangxi/P419/2016
6257	A/mallard duck/Netherlands/6/2015
6258	A/black-headed gull/Netherlands/2/2007
6259	A/black-headed gull/Netherlands/113/2012
6260	A/black-headed gull/Netherlands/10/2014
6261	A/black-headed gull/Netherlands/82/2012
6262	A/gadwall duck/Netherlands/1/2011
6263	A/mallard duck/Netherlands/23/2006
6264	A/black-headed gull/Netherlands/94/2008
6265	A/black-headed gull/Netherlands/29/2009
6266	A/mallard duck/Netherlands/5/2008
6267	A/mallard duck/Netherlands/32/2011
6268	A/mallard duck/Netherlands/26/2010
6269	A/greater white-fronted goose/Netherlands/2/2011
6270	A/mallard duck/Netherlands/8/2012
6271	A/greater white-fronted goose/Netherlands/3/2007
6272	A/black-headed gull/Netherlands/37/2009
6273	A/gadwall duck/Netherlands/2/2006
6274	A/black-headed gull/Netherlands/98/2012
6275	A/black-headed gull/Netherlands/109/2012
6276	A/mallard duck/Netherlands/31/2008
6277	A/bewicks swan/Netherlands/3/2007
6278	A/greater white-fronted goose/Netherlands/1/2011
6279	A/black-headed gull/Netherlands/21/2008
6280	A/black-headed gull/Netherlands/99/2008
6281	A/greater white-fronted goose/Netherlands/4/2008
6282	A/greater white-fronted goose/Netherlands/2/2010
6283	A/black-headed gull/Netherlands/20/2008
6284	A/mallard duck/Netherlands/14/2006
6285	A/black-headed gull/Netherlands/92/2012
6286	A/mallard duck/Netherlands/28/2009
6287	A/mallard duck/Netherlands/15/2009
6288	A/black-headed gull/Netherlands/5/2013
6289	A/mallard duck/Netherlands/12/2009
6290	A/mallard duck/Netherlands/15/2007

6291	A/Eurasian wigeon/Netherlands/1/2008
6292	A/Eurasian teal/Netherlands/1/2011
6293	A/mallard duck/Netherlands/3/2015
6294	A/bewicks swan/Netherlands/3/2006
6295	A/black-headed gull/Netherlands/9/2010
6296	A/black-headed gull/Netherlands/22/2009
6297	A/bewicks swan/Netherlands/7/2008
6298	A/black-headed gull/Netherlands/1/2014
6299	A/mallard duck/Netherlands/7/2009
6300	A/mallard duck/Netherlands/16/2006
6301	A/black-headed gull/Netherlands/7/2007
6302	A/mallard duck/Netherlands/20/2011
6303	A/black-headed gull/Netherlands/99/2012
6304	A/mallard duck/Netherlands/51/2010
6305	A/bewicks swan/Netherlands/2/2007
6306	A/black-headed gull/Netherlands/8/2010
6307	A/black-headed gull/Netherlands/134/2012
6308	A/black-headed gull/Netherlands/85/2012
6309	A/black-headed gull/Netherlands/15/2014
6310	A/mallard duck/Netherlands/44/2011
6311	A/black-headed gull/Netherlands/4/2015
6312	A/mallard duck/Netherlands/15/2011
6313	A/black-headed gull/Netherlands/10/2010
6314	A/mallard duck/Netherlands/36/2006
6315	A/black-headed gull/Netherlands/36/2011
6316	A/European herring gull/Netherlands/1/2010
6317	A/greater white-fronted goose/Netherlands/4/2010
6318	A/black-headed gull/Netherlands/23/2008
6319	A/mallard duck/Netherlands/37/2011
6320	A/black-headed gull/Netherlands/15/2011
6321	A/greater white-fronted goose/Netherlands/2/2008
6322	A/mallard duck/Netherlands/36/2008
6323	A/mallard duck/Netherlands/29/2008
6324	A/black-headed gull/Netherlands/33/2009
6325	A/mallard duck/Netherlands/7/2008
6326	A/greater white-fronted goose/Netherlands/9/2009

6327	A/black-headed gull/Netherlands/4/2010
6328	A/black-headed gull/Netherlands/9/2008
6329	A/mallard duck/Netherlands/1/2011
6330	A/mallard duck/Netherlands/1/2012
6331	A/black-headed gull/Netherlands/26/2014
6332	A/black-headed gull/Netherlands/27/2009
6333	A/bewicks swan/Netherlands/5/2008
6334	A/greater white-fronted goose/Netherlands/11/2009
6335	A/turnstone/Netherlands/3/2008
6336	A/black-headed gull/Netherlands/47/2012
6337	A/turnstone/Netherlands/2/2007
6338	A/mallard duck/Netherlands/16/2007
6339	A/greater white-fronted goose/Netherlands/1/2007
6340	A/black-headed gull/Netherlands/72/2012
6341	A/mallard duck/Netherlands/18/2007
6342	A/black-headed gull/Netherlands/14/2010
6343	A/black-headed gull/Netherlands/32/2011
6344	A/mallard duck/Netherlands/32/2013
6345	A/black-headed gull/Netherlands/93/2012
6346	A/bewicks swan/Netherlands/8/2009
6347	A/black-headed gull/Netherlands/12/2014
6348	A/mallard duck/Netherlands/6/2013
6349	A/turnstone/Netherlands/1/2010
6350	A/black-headed gull/Netherlands/7/2013
6351	A/black-headed gull/Netherlands/23/2012
6352	A/mallard duck/Netherlands/12/2006
6353	A/mallard duck/Netherlands/76/2008
6354	A/greater white-fronted goose/Netherlands/5/2010
6355	A/mallard duck/Netherlands/17/2011
6356	A/black-headed gull/Netherlands/117/2012
6357	A/bewicks swan/Netherlands/6/2006
6358	A/black-headed gull/Netherlands/3/2015
6359	A/black-headed gull/Netherlands/112/2012
6360	A/black-headed gull/Netherlands/11/2009
6361	A/mallard duck/Netherlands/18/2010
6362	A/mallard duck/Netherlands/55/2008

6363	A/black-headed gull/Netherlands/17/2009
6364	A/black-headed gull/Netherlands/106/2012
6365	A/black-headed gull/Netherlands/55/2008
6366	A/black-headed gull/Netherlands/17/2014
6367	A/black-headed gull/Netherlands/28/2009
6368	A/mallard duck/Netherlands/13/2007
6369	A/mallard duck/Netherlands/7/2014
6370	A/black-headed gull/Netherlands/29/2011
6371	A/turnstone/Netherlands/4/2008
6372	A/mallard duck/Netherlands/18/2009
6373	A/bewicks swan/Netherlands/4/2006
6374	A/black-headed gull/Netherlands/11/2010
6375	A/black-headed gull/Netherlands/11/2014
6376	A/black-headed gull/Netherlands/25/2014
6377	A/mallard duck/Netherlands/30/2011
6378	A/greater white-fronted goose/Netherlands/6/2008
6379	A/black-headed gull/Netherlands/4/2013
6380	A/black-headed gull/Netherlands/8/2014
6381	A/dunlin/Netherlands/2/2007
6382	A/black-headed gull/Netherlands/16/2009
6383	A/gadwall duck/Netherlands/3/2006
6384	A/mallard duck/Netherlands/82/2008
6385	A/mallard duck/Netherlands/2/2011
6386	A/black-headed gull/Netherlands/2/2011
6387	A/black-headed gull/Netherlands/2/2015
6388	A/mallard duck/Netherlands/40/2006
6389	A/barnacle goose/Netherlands/1/2010
6390	A/Eurasian wigeon/Netherlands/1/2006
6391	A/black-headed gull/Netherlands/87/2012
6392	A/black-headed gull/Netherlands/83/2012
6393	A/mallard duck/Netherlands/31/2012
6394	A/Eurasian wigeon/Netherlands/2/2007
6395	A/black-headed gull/Netherlands/8/2007
6396	A/mallard duck/Netherlands/2/2008
6397	A/Eurasian teal/Netherlands/1/2008
6398	A/bean goose/Netherlands/1/2009

6399	A/black-headed gull/Netherlands/102/2012
6400	A/black-headed gull/Netherlands/76/2012
6401	A/black-headed gull/Netherlands/1/2011
6402	A/greater white-fronted goose/Netherlands/4/2011
6403	A/mallard duck/Netherlands/78/2006
6404	A/greater white-fronted goose/Netherlands/3/2006
6405	A/greater white-fronted goose/Netherlands/1/2009
6406	A/greater white-fronted goose/Netherlands/4/2009
6407	A/black-headed gull/Netherlands/35/2011
6408	A/black-headed gull/Netherlands/115/2012
6409	A/black-headed gull/Netherlands/102/2008
6410	A/mallard duck/Netherlands/77/2008
6411	A/black-headed gull/Netherlands/21/2011
6412	A/black-headed gull/Netherlands/32/2014
6413	A/bean goose/Netherlands/1/2007
6414	A/mallard duck/Netherlands/12/2012
6415	A/mallard duck/Netherlands/30/2010
6416	A/mute swan/Netherlands/2/2006
6417	A/mallard duck/Netherlands/5/2013
6418	A/mallard duck/Netherlands/13/2013
6419	A/mallard duck/Netherlands/53/2010
6420	A/mallard duck/Netherlands/16/2009
6421	A/mallard duck/Netherlands/5/2009
6422	A/bean goose/Netherlands/1/2008
6423	A/mallard duck/Netherlands/1/2007
6424	A/black-headed gull/Netherlands/1/2009
6425	A/mallard duck/Netherlands/13/2012
6426	A/black-headed gull/Netherlands/81/2008
6427	A/mallard duck/Netherlands/28/2010
6428	A/black-headed gull/Netherlands/100/2012
6429	A/black-headed gull/Netherlands/35/2009
6430	A/Eurasian teal/Netherlands/3/2008
6431	A/mallard duck/Netherlands/1/2013
6432	A/mallard duck/Netherlands/1/2014
6433	A/greater white-fronted goose/Netherlands/2/2007
6434	A/black-headed gull/Netherlands/9/2009

6435	A/greater white-fronted goose/Netherlands/3/2011
6436	A/greater white-fronted goose/Netherlands/6/2011
6437	A/greater white-fronted goose/Netherlands/4/2006
6438	A/black-headed gull/Netherlands/65/2012
6439	A/black-headed gull/Netherlands/9/2007
6440	A/black-headed gull/Netherlands/13/2010
6441	A/greater white-fronted goose/Netherlands/2/2009
6442	A/greater white-fronted goose/Netherlands/6/2010
6443	A/mallard duck/Netherlands/2/2015
6444	A/black-headed gull/Netherlands/18/2011
6445	A/black-headed gull/Netherlands/32/2009
6446	A/black-headed gull/Netherlands/33/2012
6447	A/barnacle goose/Netherlands/1/2014
6448	A/black-headed gull/Netherlands/10/2007
6449	A/black-headed gull/Netherlands/25/2008
6450	A/mallard duck/Netherlands/1/2009
6451	A/mallard duck/Netherlands/27/2009
6452	A/black-headed gull/Netherlands/25/2012
6453	A/black-headed gull/Netherlands/5/2015
6454	A/black-headed gull/Netherlands/39/2009
6455	A/bean goose/Netherlands/2/2009
6456	A/mallard duck/Netherlands/2/2007
6457	A/black-headed gull/Netherlands/92/2008
6458	A/mallard duck/Netherlands/9/2013
6459	A/mallard duck/Netherlands/6/2006
6460	A/black-headed gull/Netherlands/27/2014
6461	A/black-headed gull/Netherlands/2/2013
6462	A/black-headed gull/Netherlands/10/2013
6463	A/mallard duck/Netherlands/3/2008
6464	A/black-headed gull/Netherlands/28/2014
6465	A/mallard duck/Netherlands/17/2009
6466	A/mallard duck/Netherlands/20/2009
6467	A/black-headed gull/Netherlands/88/2012
6468	A/mallard duck/Netherlands/2/2009
6469	A/mallard duck/Netherlands/60/2008
6470	A/black-headed gull/Netherlands/101/2008

6471	A/black-headed gull/Netherlands/81/2012
6472	A/mallard duck/Netherlands/64/2006
6473	A/black-headed gull/Netherlands/63/2008
6474	A/black-headed gull/Netherlands/1/2010
6475	A/black-headed gull/Netherlands/96/2008
6476	A/greater white-fronted goose/Netherlands/1/2010
6477	A/black-headed gull/Netherlands/83/2008
6478	A/Eurasian wigeon/Netherlands/1/2009
6479	A/mallard duck/Netherlands/7/2011
6480	A/black-headed gull/Netherlands/35/2014
6481	A/black-headed gull/Netherlands/12/2010
6482	A/mallard duck/Netherlands/29/2009
6483	A/black-headed gull/Netherlands/29/2014
6484	A/mallard duck/Netherlands/19/2007
6485	A/mallard duck/Netherlands/24/2009
6486	A/black-headed gull/Netherlands/126/2012
6487	A/dunlin/Netherlands/3/2007
6488	A/greater white-fronted goose/Netherlands/1/2012
6489	A/mute swan/Netherlands/3/2006
6490	A/black-headed gull/Netherlands/69/2012
6491	A/greater white-fronted goose/Netherlands/8/2009
6492	A/black-headed gull/Netherlands/3/2014
6493	A/black-headed gull/Netherlands/3/2013
6494	A/mallard duck/Netherlands/67/2008
6495	A/black-headed gull/Netherlands/2/2012
6496	A/barnacle goose/Netherlands/1/2011
6497	A/black-headed gull/Netherlands/23/2014
6498	A/mallard duck/Netherlands/10/2012
6499	A/greater white-fronted goose/Netherlands/1/2006
6500	A/black-headed gull/Netherlands/52/2012
6501	A/black-headed gull/Netherlands/110/2012
6502	A/mallard duck/Netherlands/28/2008
6503	A/mallard duck/Netherlands/7/2012
6504	A/black-headed gull/Netherlands/13/2011
6505	A/mallard duck/Netherlands/34/2006
6506	A/black-headed gull/Netherlands/104/2012

6507	A/greater white-fronted goose/Netherlands/5/2008
6508	A/mallard duck/Netherlands/19/2012
6509	A/mallard duck/Netherlands/31/2013
6510	A/black-headed gull/Netherlands/3/2010
6511	A/mallard duck/Netherlands/22/2010
6512	A/mallard duck/Netherlands/47/2010
6513	A/Eurasian wigeon/Netherlands/1/2010
6514	A/mallard duck/Netherlands/1/2008
6515	A/mallard duck/Netherlands/33/2014
6516	A/mallard duck/Netherlands/26/2011
6517	A/mallard duck/Netherlands/43/2006
6518	A/greater white-fronted goose/Netherlands/6/2009
6519	A/black-headed gull/Netherlands/14/2009
6520	A/Eurasian wigeon/Netherlands/2/2008
6521	A/mallard duck/Netherlands/52/2008
6522	A/black-headed gull/Netherlands/4/2007
6523	A/mallard duck/Netherlands/23/2012
6524	A/mallard duck/Netherlands/8/2008
6525	A/brent goose/Netherlands/1/2006
6526	A/black-headed gull/Netherlands/42/2012
6527	A/black-headed gull/Netherlands/6/2010
6528	A/mallard duck/Netherlands/5/2012
6529	A/black-headed gull/Netherlands/121/2012
6530	A/black-headed gull/Netherlands/18/2009
6531	A/black-headed gull/Netherlands/114/2012
6532	A/mallard duck/Netherlands/43/2011
6533	A/mallard duck/Netherlands/30/2014
6534	A/black-headed gull/Netherlands/105/2012
6535	A/black-headed gull/Netherlands/98/2008
6536	A/barnacle goose/Netherlands/1/2006
6537	A/chicken/Miyazaki/2-2C/2017
6538	A/black swan/Ibaraki/348C/2017
6539	A/black swan/Ibaraki/357T/2017
6540	A/black swan/Ibaraki/345T/2017
6541	A/chicken/Miyazaki/2-1T/2017
6542	A/chicken/Miyazaki/2-4C/2017

6543	A/black swan/Ibaraki/365T/2017
6544	A/chicken/Miyazaki/2-1C/2017
6545	A/chicken/Miyazaki/2-5T/2017
6546	A/whooper swan/Ibaraki/351C/2017
6547	A/chicken/Miyazaki/2-3C/2017
6548	A/black swan/Ibaraki/356T/2017
6549	A/Victoria/669/2016
6550	A/Tasmania/86/2016
6551	A/Victoria/114/2016
6552	A/Victoria/131/2016
6553	A/Victoria/133/2016
6554	A/Tasmania/97/2016
6555	A/Victoria/128/2016
6556	A/Victoria/110/2016
6557	A/Victoria/113/2016
6558	A/Victoria/118/2016
6559	A/Victoria/123/2016
6560	A/Victoria/135/2016
6561	A/Canberra/79/2016
6562	A/Canberra/69/2016
6563	A/Victoria/622/2016
6564	A/Canberra/70/2016
6565	A/Canberra/81/2016
6566	A/Canberra/83/2016
6567	A/Canberra/92/2016
6568	A/Malaysia/0828/2016
6569	A/Malaysia/0678/2016
6570	A/Malaysia/1358/2016
6571	A/Victoria/2145/2016
6572	A/Tasmania/194/2016
6573	A/Tasmania/186/2016
6574	A/Tasmania/187/2016
6575	A/Tasmania/191/2016
6576	A/Brisbane/286/2016
6577	A/Brisbane/287/2016
6578	A/Brisbane/288/2016

6579	A/South Australia/137/2016
6580	A/South Australia/138/2016
6581	A/South Australia/139/2016
6582	A/South Australia/140/2016
6583	A/South Australia/141/2016
6584	A/South Australia/142/2016
6585	A/South Australia/143/2016
6586	A/South Australia/144/2016
6587	A/South Australia/145/2016
6588	A/South Australia/146/2016
6589	A/South Australia/147/2016
6590	A/South Australia/148/2016
6591	A/Victoria/668/2016
6592	A/Brisbane/290/2016
6593	A/Brisbane/296/2016
6594	A/Brisbane/297/2016
6595	A/Brisbane/298/2016
6596	A/Brisbane/300/2016
6597	A/Brisbane/303/2016
6598	A/Victoria/660/2016
6599	A/Victoria/661/2016
6600	A/Victoria/664/2016
6601	A/Victoria/667/2016
6602	A/Victoria/671/2016
6603	A/Victoria/673/2016
6604	A/Victoria/146/2016
6605	A/Victoria/151/2016
6606	A/Victoria/149/2016
6607	A/Victoria/150/2016
6608	A/South Auckland/68/2016
6609	A/Townsville/37/2016
6610	A/Victoria/670/2016
6611	A/blue-winged teal/Guatemala/CIP049H103-30/2011
6612	A/blue-winged teal/Guatemala/CIP049H111-98/2012
6613	A/blue-winged teal/Guatemala/CIP049H102-29/2011
6614	A/Northern shoveler/Guatemala/CIP049HT114-14/2013

6615	A/blue-winged teal/Guatemala/CIP049H108-67/2012
6616	A/blue-winged teal/Guatemala/CIP049H108-53/2012
6617	A/blue-winged teal/Guatemala/CIP049H105-32/2011
6618	A/blue-winged teal/Guatemala/CIP049H109-86/2012
6619	A/Northern shoveler/Guatemala/CIP049H112-79/2012
6620	A/blue-winged teal/Guatemala/CIP049H109-28/2012
6621	A/blue-winged teal/Guatemala/CIP049H102-18/2011
6622	A/American wigeon/Guatemala/CIP049H112-03/2012
6623	A/blue-winged teal/Guatemala/CIP049H102-08/2011
6624	A/blue-winged teal/Guatemala/CIP049H108-04/2012
6625	A/blue-winged teal/Guatemala/CIP049H101-36/2011
6626	A/blue-winged teal/Guatemala/CIP049H109-76/2012
6627	A/blue-winged teal/Guatemala/CIP049H102-25/2011
6628	A/blue-winged teal/Guatemala/CIP049H108-11/2012
6629	A/chicken/Hubei/ZYSJF11/2016
6630	A/chicken/Hubei/ZYSJF16/2016
6631	A/chicken/Hubei/ZYSJF22/2016
6632	A/chicken/Hubei/ZYSJF38/2016
6633	A/chicken/Taishun/TS12/2016
6634	A/chicken/Taishun/TS90/2016
6635	A/chicken/Taishun/TS2/2016
6636	A/chicken/Ganzhou/GZ50/2015
6637	A/chicken/Mexico/07/2007
6638	A/duck/Shanghai/29-1/2009
6639	A/duck/Shanghai/MH-2/2009
6640	A/duck/Shanghai/44-2/2009
6641	A/duck/Shanghai/46-2/2009
6642	A/duck/Shanghai/67-2/2009
6643	A/duck/Shanghai/408-1/2009
6644	A/duck/Shanghai/420-2/2009
6645	A/mallard/Xuyi/14/2015
6646	A/duck/ShanDong/JN1/2015
6647	A/black-headed gull/Netherlands/107/2012
6648	A/blue-winged teal/Guatemala/CIP049H102-11/2011
6649	A/blue-winged teal/Guatemala/CIP049H102-19/2011
6650	A/blue-winged teal/Guatemala/CIP049H103-27/2011

6651	A/Hong Kong/01/1968
6652	A/Hong Kong/01/1968
6653	A/Surat Thani/429/2016
6654	A/Prachuapkhirikhan/437/2016
6655	A/Sri Lanka/32/2016
6656	A/Cambodia/FSS33824/2016
6657	A/Townsville/51/2016
6658	A/Brisbane/324/2016
6659	A/Brisbane/1/2017
6660	A/Brisbane/3/2017
6661	A/Cambodia/A1012523/2016
6662	A/Tasmania/217/2016
6663	A/mute swan/Ibaraki/219T/2016
6664	A/mute swan/Ibaraki/222C/2016
6665	A/mute swan/Ibaraki/208T/2016
6666	A/chicken/Saga/1-1T/2017
6667	A/chicken/Saga/1-5T/2017
6668	A/chicken/Saga/1-4C/2017
6669	A/chicken/Saga/1-1C/2017
6670	A/chicken/Saga/1-3C/2017
6671	A/chicken/Saga/1-2C/2017
6672	A/mute swan/Ibaraki/214T/2016
6673	A/mute swan/Ibaraki/202T/2016
6674	A/mute swan/Ibaraki/223T/2016
6675	A/mute swan/Ibaraki/218T/2016
6676	A/mute swan/Ibaraki/217T/2016
6677	A/chicken/Saga/1-6T/2017
6678	A/chicken/Saga/1-5C/2017
6679	A/whooper swan/Ibaraki/188C/2016
6680	A/chicken/Saga/1-6C/2017
6681	A/chicken/Saga/1-2T/2017
6682	A/chicken/Saga/1-3T/2017
6683	A/chicken/Saga/1-4T/2017
6684	A/chicken/Saga/1-7C/2017
6685	A/mute swan/Ibaraki/210T/2016
6686	A/mute swan/Ibaraki/221C/2016

6687	A/chicken/Saga/1-7T/2017
6688	A/mute swan/Ibaraki/220T/2016
6689	A/black headed gull/Ibaraki/194T/2016
6690	A/LyonCHU/2911R041/2016
6691	A/Clermont-Ferrand/2227/2016
6692	A/Clermont-Ferrand/2241/2016
6693	A/Clermont-Ferrand/2263/2016
6694	A/Lyon/2207/2016
6695	A/Lyon/2223/2016
6696	A/Lyon/2260/2016
6697	A/Lyon/2261/2016
6698	A/Lyon/2269/2016
6699	A/Lyon/2274/2016
6700	A/Lyon/2278/2016
6701	A/Poitiers/2238/2016
6702	A/Poitiers/2239/2016
6703	A/Annonay/2555/2016
6704	A/Bourgoin/2294/2016
6705	A/Bourgoin/2523/2016
6706	A/Clermont-Ferrand/2635/2016
6707	A/Desgenettes/2434/2016
6708	A/Desgenettes/2598/2016
6709	A/Desgenettes/2629/2016
6710	A/Desgenettes/2691/2016
6711	A/Desgenettes/2692/2016
6712	A/Desgenettes/2694/2016
6713	A/Desgenettes/2752/2016
6714	A/Lyon/0004/2017
6715	A/Lyon/0011/2017
6716	A/Lyon/0012/2017
6717	A/Lyon/2308/2016
6718	A/Lyon/2402/2016
6719	A/Lyon/2528/2016
6720	A/Lyon/2738/2016
6721	A/Lyon/2764/2016
6722	A/Lyon/2798/2016

6723	A/Lyon/2801/2016
6724	A/LyonCHU/0101R070/2017
6725	A/LyonCHU/0201R103/2017
6726	A/LyonCHU/0201R104/2017
6727	A/LyonCHU/0201R108/2017
6728	A/LyonCHU/0201R179/2017
6729	A/LyonCHU/0201R378/2017
6730	A/LyonCHU/0301R241
6731	A/LyonCHU/0412R150/2016
6732	A/LyonCHU/0712R249/2016
6733	A/LyonCHU/0812R213/2016
6734	A/LyonCHU/0912R333/2016
6735	A/LyonCHU/1012R223/2016
6736	A/LyonCHU/1312R025
6737	A/LyonCHU/1412R241/2016
6738	A/LyonCHU/1512R259/2016
6739	A/LyonCHU/1512R324/2016
6740	A/LyonCHU/1512R356/2016
6741	A/LyonCHU/1612R251/2016
6742	A/LyonCHU/1712R193/2016
6743	A/LyonCHU/1712R214/2016
6744	A/LyonCHU/1712R324/2016
6745	A/LyonCHU/1812R214/2016
6746	A/LyonCHU/2012R040/2016
6747	A/LyonCHU/2112R304/2016
6748	A/LyonCHU/2112R672/2016
6749	A/LyonCHU/2112R680/2016
6750	A/LyonCHU/2212R196/2016
6751	A/LyonCHU/2212R242/2016
6752	A/LyonCHU/2212R634/2016
6753	A/LyonCHU/2311R008/2016
6754	A/LyonCHU/2312R281/2016
6755	A/LyonCHU/2411R030/2016
6756	A/LyonCHU/2612R144/2016
6757	A/LyonCHU/2612R151/2016
6758	A/LyonCHU/2612R174/2016

6759	A/LyonCHU/2612R193/2016
6760	A/LyonCHU/2712R017/2016
6761	A/LyonCHU/2712R020/2016
6762	A/LyonCHU/2712R048/2016
6763	A/LyonCHU/2712R049/2016
6764	A/LyonCHU/2812R323/2016
6765	A/LyonCHU/2812R335/2016
6766	A/LyonCHU/2812R340/2016
6767	A/LyonCHU/2812R490/2016
6768	A/LyonCHU/2812R569/2016
6769	A/LyonCHU/2912R480/2016
6770	A/LyonCHU/2912R483/2016
6771	A/LyonCHU/3012R191/2016
6772	A/LyonCHU/3012R220/2016
6773	A/LyonCHU/3012R324/2016
6774	A/LyonCHU/3112R222/2016
6775	A/LyonCHU/3112R237/2016
6776	A/Marignier/2473/2016
6777	A/Montpellier/2545/2016
6778	A/Poitiers/2335/2016
6779	A/Puymirol/2546/2016
6780	A/Puymirol/2547/2016
6781	A/SaintEtienne/2403/2016
6782	A/Voronezh/1/2017
6783	A/long-eared owl/Voronezh/15/2017
6784	A/Ural owl/Voronezh/14/2017
6785	A/long-eared owl/Voronezh/16/2017
6786	A/chicken/Voronezh/18/2017
6787	A/chicken/Voronezh/19/2017
6788	A/chicken/Voronezh/20/2017
6789	A/turkey/Rostov-on-Don/11/2017
6790	A/goose/Krasnodar/3144/2017
6791	A/mute swan/Krasnodar/25/2017
6792	A/wild duck/Tatarstan/3059/2016
6793	A/chicken/Kalmykia/2643/2016
6794	A/chicken/Astrakhan/3131/2016

6795	A/Qingyuan/GIRD1/2017
6796	A/South Australia/19/2017
6797	A/Sri Lanka/1/2017
6798	A/Sri Lanka/3/2017
6799	A/South Australia/13/2017
6800	A/South Australia/4/2017
6801	A/South Australia/22/2017
6802	A/South Australia/161/2016
6803	A/Christchurch/521/2016
6804	A/Nonthaburi/318/2016
6805	A/Petchaburi/362/2016
6806	A/Brisbane/322/2016
6807	A/Tasmania/215/2016
6808	A/Surat Thani/1836/2016
6809	A/Sri Lanka/49/2016
6810	A/Cambodia/A1123520/2016
6811	A/Tasmania/220/2016
6812	A/Sri Lanka/37/2016
6813	A/Sri Lanka/39/2016
6814	A/Sydney/311/2016
6815	A/Sydney/343/2016
6816	A/South Australia/157/2016
6817	A/Tasmania/206/2016
6818	A/South Australia/151/2016
6819	A/South Australia/153/2016
6820	A/South Australia/155/2016
6821	A/South Australia/156/2016
6822	A/South Australia/159/2016
6823	A/Chiang Mai/380/2016
6824	A/Nonthaburi/384/2016
6825	A/Petchaburi/389/2016
6826	A/Prachuapkhirikhan/415/2016
6827	A/Brisbane/308/2016
6828	A/Brisbane/314/2016
6829	A/Brisbane/312/2016
6830	A/Perth/96/2016

6831	A/Perth/105/2016
6832	A/Brisbane/313/2016
6833	A/Perth/078/2016
6834	A/Perth/77/2016
6835	A/Perth/076/2016
6836	A/Perth/89/2016
6837	A/Perth/90/2016
6838	A/Perth/112/2016
6839	A/Perth/186/2016
6840	A/Victoria/2165/2016
6841	A/Perth/113/2016
6842	A/Perth/130/2016
6843	A/Perth/137/2016
6844	A/Perth/188/2016
6845	A/Perth/191/2016
6846	A/Perth/208/2016
6847	A/Perth/197/2016
6848	A/Perth/200/2016
6849	A/Perth/213/2016
6850	A/Tasmania/200/2016
6851	A/Tasmania/201/2016
6852	A/Perth/81/2016
6853	A/Perth/94/2016
6854	A/Qinghai/178/2010
6855	A/Swine/Guangdong/DL2/2013
6856	A/Swine/Guangdong/CH8/2014
6857	A/Swine/Guangdong/YJ4/2014
6858	A/Swine/Guangdong/YJ10/2014
6859	A/Swine/Guangdong/YJ23/2014
6860	A/Swine/Guangdong/FNPA/2015
6861	A/Swine/Guangdong/FSC17/2015
6862	A/Swine/Guangdong/YJ9/2014
6863	A/Swine/Guangdong/YJ19/2014
6864	A/Swine/Guangdong/YJ20/2014
6865	A/domestic_duck/Siberia/49_feather/2016
6866	A/teal/Chany/135/2016

6867	A/mallard/Chany/185/2016
6868	A/pintail/Chany/198/2016
6869	A/mallard/Chany/313/2016
6870	A/gadwall/Chany/315/2016
6871	A/mallard/Chany/355/2016
6872	A/gadwall/Chany/97/2016
6873	A/Guangdong/Th005/2017_H7N9
6874	A/Shenzhen/Th003/2017_H7N9
6875	A/Shenzhen/Th004/2017_H7N9
6876	A/Yunnan/YN001/2017_H7N9
6877	A/Shenzhen/Th001/2016
6878	A/Shenzhen/Th002/2016_H7N9
6879	A/guinea fowl/France/150207n/2015
6880	A/chicken/Hebei/SJZ01/2015
6881	A/duck/Hubei/ZYSYF8/2015
6882	A/chicken/Hubei/ZYSJF15/2016
6883	A/duck/Hubei/ZYSYF2/2016
6884	A/duck/Hubei/ZYSYF25/2016
6885	A/duck/Yuhuan/YH45/2016
6886	A/chicken/Ganzhou/GZ157/2016
6887	A/chicken/Ganzhou/GZ43/2016
6888	A/duck/Ganzhou/GZ151/2016
6889	A/duck/Ganzhou/GZ188/2016
6890	A/chicken/Ganzhou/GZ140/2016
6891	A/chicken/Ganzhou/GZ126/2016
6892	A/duck/Shanghai/602/2009
6893	A/duck/Fujian/1761/2010
6894	A/duck/Shanxi/3180/2010
6895	A/herring gull/Sarma/51c/2006
6896	A/turkey/England/003778/2017
6897	A/chicken/Wales/000023/2016
6898	A/Hamburg/1094-MA/2009
6899	A/Linkou/0099/2016
6900	A/Keelung/0065/2016
6901	A/Taipei/0040/2016
6902	A/Keelung/0038/2016

6903	A/Keelung/0068/2016
6904	A/Taipei/0025/2016
6905	A/Baltimore/0088/2016
6906	A/Taipei/0051/2016
6907	A/Baltimore/0097/2016
6908	A/Baltimore/0125/2016
6909	A/EastBaltimore/0107/2016
6910	A/Taipei/0037/2016
6911	A/Keelung/0046/2016
6912	A/Taipei/0067/2016
6913	A/Baltimore/0101/2016
6914	A/Keelung/0031/2016
6915	A/Linkou/0077/2016
6916	A/Linkou/0098/2016
6917	A/Taipei/0056/2016
6918	A/Linkou/0065/2016
6919	A/Linkou/0097/2016
6920	A/Taipei/0021/2015
6921	A/Taipei/0008/2015
6922	A/Linkou/0060/2016
6923	A/Linkou/0084/2016
6924	A/Linkou/0093/2016
6925	A/Baltimore/0103/2016
6926	A/Keelung/0042/2016
6927	A/Keelung/0029/2016
6928	A/Baltimore/0092/2016
6929	A/Taipei/0045/2016
6930	A/Baltimore/0096/2016
6931	A/Keelung/0056/2016
6932	A/Taipei/0054/2016
6933	A/Baltimore/0107/2016
6934	A/Baltimore/0122/2016
6935	A/Baltimore/0091/2016
6936	A/EastBaltimore/0103/2016
6937	A/Taipei/0030/2016
6938	A/Taipei/0015/2015

6939	A/Taipei/0032/2016
6940	A/Taipei/0041/2016
6941	A/Taipei/0063/2016
6942	A/Baltimore/0158/2016
6943	A/EastBaltimore/0141/2016
6944	A/Baltimore/0118/2016
6945	A/Baltimore/0008/2016
6946	A/Linkou/0057/2016
6947	A/EastBaltimore/0119/2016
6948	A/Baltimore/0104/2016
6949	A/Linkou/0068/2016
6950	A/Baltimore/0076/2016
6951	A/Taipei/0061/2016
6952	A/Baltimore/0110/2016
6953	A/Taipei/0059/2016
6954	A/Keelung/0058/2016
6955	A/Taipei/0018/2016
6956	A/Keelung/0011/2015
6957	A/Taipei/0055/2016
6958	A/Taipei/0046/2016
6959	A/Taipei/0050/2016
6960	A/Baltimore/0117/2016
6961	A/ruddy duck/Nevada/AH0006859/2015
6962	A/feces/Minnesota/AH0017578/2015
6963	A/domestic goose/Germany-BY/R677/2017
6964	A/Singapore/GP0117/2017
6965	A/Singapore/GP0190/2017
6966	A/Singapore/EN0030/2017
6967	A/Singapore/EN0092/2017
6968	A/Singapore/TT0028/2017
6969	A/Singapore/TT0087/2017
6970	A/Singapore/TT0152/2017
6971	A/Singapore/TT0169/2017
6972	A/Singapore/KK0067/2017
6973	A/Singapore/KK0096/2017
6974	A/Singapore/EN0029/2017

6975	A/Singapore/NUH0003/2017
6976	A/Solomon Islands/1/2016
6977	A/Solomon Islands/5/2016
6978	A/Solomon Islands/7/2016
6979	A/Fiji/7/2016
6980	A/Canberra/7/2016
6981	A/Newcastle/30/2016
6982	A/Newcastle/48/2016
6983	A/South Australia/39/2016
6984	A/Newcastle/61/2016
6985	A/Sydney/125/2016
6986	A/Sydney/133/2016
6987	A/Perth/99/2016
6988	A/Newcastle/83/2016
6989	A/Fiji/47/2016
6990	A/Newcastle/62/2016
6991	A/Canberra/101/2015
6992	B/Victoria/108/2015
6993	A/Sydney/150/2016
6994	A/Sydney/160/2016
6995	A/Equine/Kent/1/16
6996	A/equine/Hampshire/3/2016
6997	A/Equine/Fife/1/16
6998	A/Equine/Stirlingshire/1/16
6999	A/Equine/Lancashire/1/16
7000	A/Equine/Gloucestershire/1/16
7001	A/Equine/Gloucestershire/2/16
7002	A/Equine/Gloucestershire/3/16
7003	A/Guangdong/HP001/2017
7004	A/Hunan/02650/2016
7005	A/gadwall/Kurgan/2442/2016
7006	A/chicken/Sergiyev Posad/38/2017
7007	A/chicken/Sergiyev Posad/39/2017
7008	A/environment/Kamchatka/18/2016
7009	A/Taipei/0044/2016
7010	A/Baltimore/0163/2016

7011	A/Baltimore/0124/2016
7012	A/Kurgan/24/2016
7013	A/Samara/640/2016
7014	A/Samara/711/2016
7015	A/Krasnoyarsk/22/2017
7016	A/Krasnoyarsk/1807/2017
7017	A/Surgut/73/2017
7018	A/Omsk/4150/2016
7019	A/Novosibirsk/01/2017
7020	A/Novosibirsk/04/2017
7021	A/Ekaterinburg/3/2017
7022	A/Qingyuan/GIRD01/2017
7023	A/blue-winged teal/Guatemala/CIP049H113-53/2013
7024	A/blue-winged teal/Guatemala/CIP049H103-37/2011
7025	A/blue-winged teal/Guatemala/CIP049H102-09/2011
7026	A/blue-winged teal/Guatemala/CIP049H108-45/2012
7027	A/blue-winged teal/Guatemala/CIP049H110-04/2012
7028	A/blue-winged teal/Guatemala/CIP049H108-39/2012
7029	A/blue-winged teal/Guatemala/CIP049H113-08/2013
7030	A/blue-winged teal/Guatemala/CIP049H109-49/2012
7031	A/blue-winged teal/Guatemala/CIP049H101-29/2011
7032	A/blue-winged teal/Guatemala/CIP049H113-76/2013
7033	A/blue-winged teal/Guatemala/CIP049H102-10/2011
7034	A/blue-winged teal/Guatemala/CIP049H110-31/2012
7035	A/blue-winged teal/Guatemala/CIP049H105-05/2011
7036	A/blue-winged teal/Guatemala/CIP049H108-02/2012
7037	A/blue-winged teal/Guatemala/CIP049H110-27/2012
7038	A/green-winged teal/Guatemala/CIP049H114-76/2013
7039	A/blue-winged teal/Guatemala/CIP049H105-31/2011
7040	A/blue-winged teal/Guatemala/CIP049H104-93/2011
7041	A/blue-winged teal/Guatemala/CIP049H103-20/2011
7042	A/blue-winged teal/Guatemala/CIP049H109-38/2012
7043	A/blue-winged teal/Guatemala/CIP049H110-37/2012
7044	A/blue-winged teal/Guatemala/CIP049H112-60/2012
7045	A/blue-winged teal/Guatemala/CIP049H109-14/2012
7046	A/blue-winged teal/Guatemala/CIP049H105-04/2011

7047	A/blue-winged teal/Guatemala/CIP049H104-99/2011
7048	A/blue-winged teal/Guatemala/CIP049H109-15/2012
7049	A/blue-winged teal/Guatemala/CIP049H102-32/2011
7050	A/blue-winged teal/Guatemala/CIP049H112-31/2012
7051	A/blue-winged teal/Guatemala/CIP049H102-46/2011
7052	A/blue-winged teal/Guatemala/CIP049H101-24/2011
7053	A/northern shoveler/Guatemala/CIP049H104-69/2011
7054	A/northern shoveler/Guatemala/CIP049H107-88/2012
7055	A/northern shoveler/Guatemala/CIP049H103-05/2011
7056	A/blue-winged teal/Guatemala/CIP049H105-01/2011
7057	A/blue-winged teal/Guatemala/CIP049H102-23/2011
7058	A/blue-winged teal/Guatemala/CIP049H102-05/2011
7059	A/blue-winged teal/Guatemala/CIP049H113-07/2013
7060	A/blue-winged teal/Guatemala/CIP049H109-06/2012
7061	A/blue-winged teal/Guatemala/CIP049H105-08/2011
7062	A/blue-winged teal/Guatemala/CIP049H109-67/2012
7063	A/blue-winged teal/Guatemala/CIP049H113-74/2013
7064	A/northern pintail/Alaska/52/2011
7065	A/northern pintail/Alaska/78/2011
7066	A/northern pintail/Alaska/85/2011
7067	A/northern pintail/Alaska/104/2011
7068	A/northern pintail/Alaska/563/2011
7069	A/Stavropol/3/2017
7070	A/Stavropol/4/2017
7071	A/Novy Urengoy/1329/2016
7072	A/Novosibirsk/D1/2016
7073	A/Chita/927/2017
7074	A/Noyabrsk/7/2016
7075	A/Krasnoyarsk/1430/2017
7076	A/Khabarovsk/1701/2017
7077	A/black_swan/Ibaraki/28-446T/2017
7078	A/chicken/Miyagi/1-5C/2017
7079	A/chicken/Chiba/1-4C/2017
7080	A/chicken/Chiba/1-5T/2017
7081	A/chicken/Chiba/1-3C/2017
7082	A/chicken/Chiba/1-3T/2017

7083	A/chicken/Chiba/1-5C/2017
7084	A/chicken/Chiba/1-2T/2017
7085	A/chicken/Chiba/1-1T/2017
7086	A/chicken/Chiba/1-4T/2017
7087	A/chicken/Chiba/1-2C/2017
7088	A/chicken/Miyagi/1-5T/2017
7089	A/chicken/Chiba/1-1C/2017
7090	A/swine/Ba Ria Vung Tau/02-07-2/2016
7091	A/swine/Ba Ria Vung Tau/02-27-2/2016
7092	A/Pavo cristatus/Jiangxi/JA1/2016
7093	A/mallard/Ohio/15OS4288/2015
7094	A/mallard/Ohio/15OS3609/2015
7095	A/mallard/Ohio/15OS3609/2015
7096	A/mallard/Ohio/15OS5800/2015
7097	A/environment/Gainesville/12/2016
7098	A/Tufted Duck/Switzerland/V237/2016
7099	A/Henan/15337/2017
7100	A/Henan/14905/2017
7101	A/Gainesville/09/2016
7102	A/environment/Guangdong/03.13 SZBA-E1/2017
7103	A/quail/Hong Kong/G1/1997
7104	A/swine/Kansas/A01378019/2017
7105	A/reassortant/H9N2:pH1N1_RGpassage7(quail/Hong Kong/G1/1997 × California/04/2009)
7106	A/swine/Illinois/16TOSU7168/2016
7107	A/swine/Illinois/16TOSU7082/2016
7108	A/swine/Michigan/16TOSU7559/2016
7109	A/swine/Indiana/16TOSU4068/2016
7110	A/turkey/Virginia/4529/2002
7111	A/Bom Retiro do Sul/LACENRS-3406/2013
7112	A/Campina das Missoes/LACENRS-2882/2009
7113	A/Uruguaiana/LACENRS-2538/2013
7114	A/Porto Alegre/LACENRS-1738/2015
7115	A/Santo Antonio da Patrulha/LACENRS-60/2011
7116	A/Santo Antonio da Patrulha/LACENRS-1649/2009
7117	A/Frederico Westphalen/LACENRS-2130/2012

7118	A/Venancio Aires/LACENRS-1539/2009
7119	A/Rosario do Sul/LACENRS-2110/2009
7120	A/Quarai/LACENRS-3508/2013
7121	A/ilopolis/LACENRS-3175/2013
7122	A/Santa Cruz do Sul/LACENRS-700/2011
7123	A/Cruz Alta/LACENRS-892/2012
7124	A/Soledade/LACENRS-551/2012
7125	A/Tapera/LACENRS-657/2016
7126	A/Porto Alegre/LACENRS-1771/2009
7127	A/Pelotas/LACENRS-3045/2009
7128	A/Santa Rosa/LACENRS-1297/2016
7129	A/Porto Alegre/LACENRS-275/2013
7130	A/Santa Cruz do Sul/LACENRS-2013/2009
7131	A/Paim Filho/LACENRS-32/2011
7132	A/Canoas/LACENRS-1660/2014
7133	A/Porto Alegre/LACENRS-1112/2015
7134	A/Rio Grande/LACENRS-2092/2013
7135	A/Viamao/LACENRS-733/2014
7136	A/Santa Cruz do Sul/LACENRS-691/2011
7137	A/Rosario do Sul/LACENRS-1832/2013
7138	A/Porto Alegre/LACENRS-908/2012
7139	A/Porto Alegre/LACENRS-1598/2009
7140	A/Porto Alegre/LACENRS-1380/2014
7141	A/Porto Alegre/LACENRS-2232/2014
7142	A/Sapucaia do Sul/LACENRS-779/2011
7143	A/Porto Alegre/LACENRS-2021/2014
7144	A/Porto Alegre/LACENRS-1053/2016
7145	A/Santa Maria/LACENRS-231/2011
7146	A/Canoas/LACENRS-1283/2015
7147	A/Viamao/LACENRS-877/2012
7148	A/Santa Cruz do Sul/LACENRS-1192/2016
7149	A/Pelotas/LACENRS-1188/2011
7150	A/Cachoeira do Sul/LACENRS-1828/2013
7151	A/Passo Fundo/LACENRS-2459/2013
7152	A/Canela/LACENRS-418/2013
7153	A/Pelotas/LACENRS-694/2011

7154	A/Camaqua/LACENRS-3512/2013
7155	A/Sao Gabriel/LACENRS-1085/2012
7156	A/Porto Alegre/LACENRS-846/2015
7157	A/Santo Angelo/LACENRS-1537/2009
7158	A/Porto Alegre/LACENRS-3434/2009
7159	A/Sapiranga/LACENRS-1302/2016
7160	A/Rosario do Sul/LACENRS-383/2012
7161	A/Porto Alegre/LACENRS-1009/2016
7162	A/Canoas/LACENRS-773/2015
7163	A/Alegrete/LACENRS-1624/2014
7164	A/Santa Maria/LACENRS-2140/2014
7165	A/Pelotas/LACENRS-1787/2015
7166	A/igrejinha/LACENRS-1803/2009
7167	A/Cruz Alta/LACENRS-129/2012
7168	A/Cambara do Sul/LACENRS-2049/2015
7169	A/Porto Alegre/LACENRS-1365/2014
7170	A/Canela/LACENRS-102/2011
7171	A/Passo Fundo/LACENRS-224/2016
7172	A/Esteio/LACENRS-1359/2016
7173	A/Alegrete/LACENRS-1453/2009
7174	A/Porto Alegre/LACENRS-1820/2012
7175	A/Porto Alegre/LACENRS-1485/2014
7176	A/Camaqua/LACENRS-3379/2013
7177	A/Porto Alegre/LACENRS-557/2011
7178	A/Sao Francisco de Paula/LACENRS-1089/2012
7179	A/Vera Cruz/LACENRS-2842/2012
7180	A/Arvorezinha/LACENRS-2055/2013
7181	A/Passo Fundo/LACENRS-1138/2016
7182	A/Porto Alegre/LACENRS-934/2016
7183	A/Porto Alegre/LACENRS-820/2015
7184	A/Porto Alegre/LACENRS-3653/2013
7185	A/Pelotas/LACENRS-1658/2009
7186	A/Porto Alegre/LACENRS-1447/2014
7187	A/Flores da Cunha/LACENRS-713/2011
7188	A/Viamao/LACENRS-974/2015
7189	A/Santa Maria/LACENRS-1269/2016

7190	A/Frederico Westphalen/LACENRS-204/2012
7191	A/Rolante/LACENRS-2641/2012
7192	A/Cruz Alta/LACENRS-2623/2014
7193	A/Montenegro/LACENRS-2312/2013
7194	A/Porto Alegre/LACENRS-2357/2012
7195	A/Cruz Alta/LACENRS-2045/2014
7196	A/Santiago/LACENRS-195/2012
7197	A/Porto Alegre/LACENRS-2577/2012
7198	A/Bage/LACENRS-2050/2013
7199	A/Pelotas/LACENRS-1213/2016
7200	A/Teutonia/LACENRS-711/2009
7201	A/Pelotas/LACENRS-604/2011
7202	A/Soledade/LACENRS-820/2011
7203	A/Porto Alegre/LACENRS-830/2011
7204	A/Cruz Alta/LACENRS-428/2016
7205	A/Canela/LACENRS-1704/2012
7206	A/Novo Hamburgo/LACENRS-201/2011
7207	A/Vacaria/LACENRS-1720/2009
7208	A/Porto Alegre/LACENRS-1318/2016
7209	A/Chувиска/LACENRS-287/2011
7210	A/Osorio/LACENRS-2158/2012
7211	A/Uruguaiiana/LACENRS-368/2011
7212	A/Canoas/LACENRS-1212/2013
7213	A/Bage/LACENRS-614/2013
7214	A/Cruz Alta/LACENRS-893/2012
7215	A/Canoas/LACENRS-1829/2013
7216	A/Passo Fundo/LACENRS-1533/2013
7217	A/Erechim/LACENRS-485/2016
7218	A/Porto Alegre/LACENRS-1013/2016
7219	A/Rio Grande/LACENRS-3171/2013
7220	A/Ijuí/LACENRS-2326/2009
7221	A/Farroupilha/LACENRS-1297/2014
7222	A/Porto Alegre/LACENRS-1351/2014
7223	A/Porto Alegre/LACENRS-1030/2015
7224	A/Porto Alegre/LACENRS-289/2016
7225	A/Estrela/LACENRS-313/2009

7226	A/Bage/LACENRS-1200/2014
7227	A/Porto Alegre/LACENRS-994/2016
7228	A/Passo Fundo/LACENRS-524/2016
7229	A/Bage/LACENRS-2728/2013
7230	A/Guangdong/8H324/2017
7231	A/Vacaria/LACENRS-967/2012
7232	A/Canoas/LACENRS-1317/2014
7233	A/jaguarao/LACENRS-881/2011
7234	A/Santa Cruz do Sul/LACENRS-1560/2013
7235	A/Porto Alegre/LACENRS-2121/2009
7236	A/Santo Antonio da Patrulha/LACENRS-2621/2012
7237	A/Novo Hamburgo/LACENRS-385/2016
7238	A/Viamao/LACENRS-1400/2011
7239	A/Gramado/LACENRS-1287/2016
7240	A/Porto Alegre/LACENRS-1075/2015
7241	A/Santa Cruz do Sul/LACENRS-2672/2013
7242	A/ilopolis/LACENRS-1322/2014
7243	A/Santa Cruz do Sul/LACENRS-1625/2014
7244	A/Bage/LACENRS-294/2011
7245	A/Dom Pedrito/LACENRS-2368/2013
7246	A/Canoas/LACENRS-1793/2015
7247	A/Tres Coroas/LACENRS-1810/2012
7248	A/Porto Alegre/LACENRS-1406/2014
7249	A/Porto Alegre/LACENRS-2376/2014
7250	A/Palmitinho/LACENRS-2595/2009
7251	A/Sao Gabriel/LACENRS-1809/2012
7252	A/Sao Gabriel/LACENRS-1626/2009
7253	A/Uruguaiana/LACENRS-296/2016
7254	A/Caibate/LACENRS-903/2012
7255	A/Porto Alegre/LACENRS-378/2016
7256	A/Porto Alegre/LACENRS-1573/2013
7257	A/Camaqua/LACENRS-623/2011
7258	A/Porto Alegre/LACENRS-2380/2013
7259	A/Caxias do Sul/LACENRS-1186/2011
7260	A/Santa Cruz do Sul/LACENRS-913/2011
7261	A/Vacaria/LACENRS-1312/2016

7262	A/Canoas/LACENRS-1320/2016
7263	A/Cruz Alta/LACENRS-499/2012
7264	A/Nova Petropolis/LACENRS-1205/2013
7265	A/Porto Alegre/LACENRS-1887/2015
7266	A/Cachoeirinha/LACENRS-1083/2012
7267	A/Tres Coroas/LACENRS-877/2016
7268	A/Cambara do Sul/LACENRS-1939/2015
7269	A/Sao jose do inhacora/LACENRS-2082/2012
7270	A/Tenente Portela/LACENRS-2073/2009
7271	A/Esteio/LACENRS-1519/2012
7272	A/Gravatari/LACENRS-2099/2014
7273	A/Torres/LACENRS-1102/2016
7274	A/Santa Rosa/LACENRS-345/2016
7275	A/Porto Alegre/LACENRS-1969/2015
7276	A/Osorio/LACENRS-2638/2009
7277	A/Passo Fundo/LACENRS-1034/2016
7278	A/Canoas/LACENRS-1023/2016
7279	A/Porto Alegre/LACENRS-599/2016
7280	A/Vacaria/LACENRS-495/2016
7281	A/Venancio Aires/LACENRS-1862/2013
7282	A/Gravatari/LACENRS-1113/2016
7283	A/Canoas/LACENRS-1105/2016
7284	A/Porto Alegre/LACENRS-463/2016
7285	A/Sao Borja/LACENRS-2679/2013
7286	A/Tramandai/LACENRS-324/2009
7287	A/Porto Alegre/LACENRS-921/2015
7288	A/Porto Alegre/LACENRS-1786/2009
7289	A/Triunfo/LACENRS-1611/2009
7290	A/Porto Alegre/LACENRS-503/2016
7291	A/Porto Alegre/LACENRS-822/2011
7292	A/Nonoai/LACENRS-714/2009
7293	A/Rosario do Sul/LACENRS-1230/2016
7294	A/Porto Alegre/LACENRS-2274/2012
7295	A/Porto Alegre/LACENRS-1292/2011
7296	A/Passo Fundo/LACENRS-1972/2009
7297	A/Passo Fundo/LACENRS-1854/2015

7298	A/Porto Alegre/LACENRS-1155/2015
7299	A/Rio Grande/LACENRS-1406/2009
7300	A/swine/Indiana/16TOSU6524/2016
7301	A/swine/Ohio/16TOSU0352/2016
7302	A/swine/Ohio/16TOSU0255/2016
7303	A/chicken/Guangxi/015C10/2009
7304	A/duck/Guangxi/015D2/2009
7305	A/duck/Guangxi/057D6/2010
7306	A/chicken/Guangxi/073C2/2010
7307	A/duck/Guangxi/112D4/2012
7308	A/chicken/Guangxi/125C8/2012
7309	A/chicken/Guangxi/135C10/2013
7310	A/pigeon/Guangxi/128P9/2012
7311	A/duck/Guangxi/135D20/2013
7312	A/goose/Guangxi/139G20/2013
7313	A/chicken/Guangxi/165C7/2014
7314	A/Zhejiang/DTID-ZJU01/2013
7315	A/WSN/1933
7316	A/American wigeon/California/HS010/2015
7317	A/American wigeon/California/HS078/2015
7318	A/northern pintail/California/HS064/2015
7319	A/northern pintail/California/HS050B/2015
7320	A/American wigeon/California/HS007A/2015
7321	A/northern pintail/California/HS023/2015
7322	A/American wigeon/California/HS007B/2015
7323	A/northern pintail/California/HS052A/2015
7324	A/American wigeon/California/HS025/2015
7325	A/northern pintail/California/HS050A/2015
7326	A/northern shoveler/California/HS206/2015
7327	A/northern shoveler/California/HS225/2015
7328	A/American wigeon/California/HS005B/2015
7329	A/American wigeon/California/HS001/2015
7330	A/northern pintail/California/HS052B/2015
7331	A/northern shoveler/California/HS249/2015
7332	A/mallard duck/California/UCD703/2016
7333	A/mallard duck/California/UCD690/2016

7334	A/mallard duck/California/UCD567/2016
7335	A/mallard duck/California/UCD558/2016
7336	A/mallard duck/California/UCD738/2016
7337	A/mallard duck/California/UCD704/2016
7338	A/mallard duck/California/UCD470/2016
7339	A/mallard duck/California/UCD705/2016
7340	A/mallard duck/California/UCD539/2016
7341	A/mallard duck/California/UCD728/2016
7342	A/swine/Guangdong/G3/2015
7343	A/duck/Lumajang/04160417/2016
7344	A/duck/Lamongan/04160434/2016
7345	A/chicken/Kediri/04160512/2016
7346	A/chicken/Pati/04160433/2016
7347	A/chicken/Lamongan/04160418/2016
7348	A/chicken/Sukoharjo/04160454/2016
7349	A/muscovy duck/Pekalongan/04160460/2016
7350	A/quail/Deliserdang/01160025/2016
7351	A/chicken/Majalengka/08160070-001/2016
7352	A/chicken/Kuningan/08160178-003/2016
7353	A/chicken/Subang/08160018-002/2016
7354	A/duck/Sukoharjo/04160290/2016
7355	A/chicken/Sleman/04160326/2016
7356	A/chicken/Banyuwangi/04160330/2016
7357	A/duck/Klaten/04160386/2016
7358	A/quail/Sukoharjo/04152003/2015
7359	A/duck/Sukoharjo/BBVW-1428-9/2012
7360	A/chicken/Semarang/04141225-07/2014
7361	A/chicken/Sleman/04141596/2014
7362	A/chicken/Lampung Utara/03160217/2016
7363	A/chicken/Lampung Utara/03160218/2016
7364	A/eagle/Jakarta Timur/20616-206-III/2016
7365	A/green-winged teal/Egypt/871/2016
7366	A/green-winged teal/Egypt/877/2016
7367	A/black-headed gull/Netherlands/95/2008
7368	A/black-headed gull/Netherlands/120/2012
7369	A/black-headed gull/Netherlands/7/2012

7370	A/mallard duck/Netherlands/4/2010
7371	A/mallard duck/Netherlands/14/2014
7372	A/black-headed gull/Netherlands/13/2012
7373	A/black-headed gull/Netherlands/60/2012
7374	A/black-headed gull/Netherlands/118/2012
7375	A/black-headed gull/Netherlands/46/2008
7376	A/mallard duck/Netherlands/11/2014
7377	A/black-headed gull/Netherlands/19/2011
7378	A/black-headed gull/Netherlands/35/2012
7379	A/black-headed gull/Netherlands/53/2008
7380	A/mallard duck/Netherlands/25/2009
7381	A/mallard duck/Netherlands/7/2006
7382	A/yellow-legged gull/Georgia/1/2011
7383	A/black-headed gull/Netherlands/45/2012
7384	A/black-headed gull/Netherlands/27/2012
7385	A/black-headed gull/Netherlands/50/2008
7386	A/mallard duck/Netherlands/16/2014
7387	A/black-headed gull/Netherlands/13/2009
7388	A/black-headed gull/Netherlands/21/2012
7389	A/black-headed gull/Netherlands/9/2013
7390	A/black-headed gull/Netherlands/53/2012
7391	A/mallard duck/Netherlands/46/2006
7392	A/black-headed gull/Netherlands/68/2012
7393	A/black-headed gull/Netherlands/44/2012
7394	A/black-headed gull/Netherlands/62/2012
7395	A/black-headed gull/Netherlands/103/2012
7396	A/black-headed gull/Netherlands/125/2012
7397	A/black-headed gull/Netherlands/82/2008
7398	A/mallard duck/Netherlands/51/2008
7399	A/mallard duck/Netherlands/20/2012
7400	A/black-headed gull/Netherlands/1/2000
7401	A/black-headed gull/Netherlands/28/2012
7402	A/black-headed gull/Netherlands/74/2008
7403	A/black-headed gull/Netherlands/13/2014
7404	A/black-headed gull/Netherlands/19/2008
7405	A/black-headed gull/Netherlands/91/2012

7406	A/black-headed gull/Netherlands/5/2012
7407	A/mallard duck/Netherlands/9/2014
7408	A/black-headed gull/Netherlands/57/2008
7409	A/black-headed gull/Netherlands/56/2008
7410	A/black-headed gull/Netherlands/69/2008
7411	A/black-headed gull/Netherlands/100/2008
7412	A/black-headed gull/Netherlands/96/2012
7413	A/tufted duck/Georgia/1/2012
7414	A/black-headed gull/Netherlands/75/2008
7415	A/black-headed gull/Netherlands/12/2011
7416	A/black-headed gull/Netherlands/14/2014
7417	A/Eurasian wigeon/Netherlands/1/2005
7418	A/black-headed gull/Netherlands/133/2012
7419	A/mallard duck/Netherlands/2/2003
7420	A/black-headed gull/Netherlands/30/2008
7421	A/black-headed gull/Netherlands/32/2012
7422	A/barnacle goose/Netherlands/2/2014
7423	A/black-headed gull/Netherlands/67/2008
7424	A/mallard duck/Netherlands/24/2005
7425	A/mallard duck/Netherlands/24/2011
7426	A/European herring gull/Netherlands/5/2006
7427	A/black-headed gull/Netherlands/119/2012
7428	A/black-headed gull/Netherlands/101/2012
7429	A/mallard duck/Netherlands/60/2006
7430	A/black-headed gull/Netherlands/5/2009
7431	A/mallard duck/Netherlands/40/2011
7432	A/black-headed gull/Netherlands/4/2012
7433	A/black-headed gull/Netherlands/7/2008
7434	A/black-headed gull/Netherlands/6/2013
7435	A/black-headed gull/Netherlands/25/2011
7436	A/black-headed gull/Netherlands/39/2011
7437	A/black-headed gull/Netherlands/24/2008
7438	A/mallard duck/Sweden/139703/2012
7439	A/black-headed gull/Netherlands/15/2012
7440	A/black-headed gull/Netherlands/8/2009
7441	A/black-headed gull/Netherlands/26/2012

7442	A/mallard duck/Netherlands/8/2006
7443	A/black-headed gull/Netherlands/46/2012
7444	A/black-headed gull/Netherlands/30/2011
7445	A/black-headed gull/Netherlands/8/2012
7446	A/black-headed gull/Netherlands/20/2012
7447	A/black-headed gull/Netherlands/28/2008
7448	A/black-headed gull/Netherlands/131/2012
7449	A/black-headed gull/Netherlands/41/2008
7450	A/mallard duck/Netherlands/34/2010
7451	A/Mediterranean gull/Netherlands/1/2012
7452	A/black-headed gull/Netherlands/50/2012
7453	A/black-headed gull/Netherlands/91/2008
7454	A/black-headed gull/Netherlands/3/2009
7455	A/black-headed gull/Netherlands/2/2014
7456	A/black-headed gull/Netherlands/128/2012
7457	A/black-headed gull/Netherlands/24/2009
7458	A/black-headed gull/Netherlands/16/2014
7459	A/black-headed gull/Netherlands/18/2012
7460	A/black-headed gull/Netherlands/10/2012
7461	A/black-headed gull/Netherlands/76/2008
7462	A/black-headed gull/Netherlands/47/2008
7463	A/black-headed gull/Netherlands/67/2012
7464	A/black-headed gull/Netherlands/74/2012
7465	A/black-headed gull/Netherlands/19/2009
7466	A/mallard duck/Netherlands/08/2000
7467	A/black-headed gull/Netherlands/51/2008
7468	A/yellow-legged gull/Georgia/4/2012
7469	A/black-headed gull/Netherlands/13/2008
7470	A/black-headed gull/Netherlands/19/2012
7471	A/black-headed gull/Netherlands/3/2011
7472	A/mallard duck/Netherlands/18/2012
7473	A/mallard duck/Netherlands/18/2014
7474	A/black-headed gull/Netherlands/37/2012
7475	A/black-headed gull/Netherlands/84/2008
7476	A/black-headed gull/Netherlands/37/2008
7477	A/black-headed gull/Netherlands/49/2008

7478	A/black-headed gull/Netherlands/54/2008
7479	A/black-headed gull/Netherlands/40/2012
7480	A/black-headed gull/Netherlands/22/2008
7481	A/black-headed gull/Netherlands/55/2012
7482	A/black-headed gull/Netherlands/68/2008
7483	A/black-headed gull/Netherlands/97/2008
7484	A/black-headed gull/Netherlands/31/2011
7485	A/black-headed gull/Netherlands/95/2012
7486	A/mallard duck/Netherlands/33/2011
7487	A/black-headed gull/Netherlands/17/2012
7488	A/black-headed gull/Netherlands/77/2012
7489	A/mallard duck/Netherlands/22/2011
7490	A/black-headed gull/Netherlands/17/2011
7491	A/black-headed gull/Netherlands/85/2008
7492	A/black-headed gull/Netherlands/90/2012
7493	A/black-headed gull/Netherlands/36/2009
7494	A/mallard duck/Netherlands/12/2011
7495	A/black-headed gull/Netherlands/17/2008
7496	A/black-headed gull/Netherlands/7/2014
7497	A/mallard duck/Netherlands/23/2013
7498	A/black-headed gull/Netherlands/123/2012
7499	A/black-headed gull/Netherlands/88/2008
7500	A/mallard duck/Netherlands/26/2014
7501	A/black-headed gull/Netherlands/130/2012
7502	A/black-headed gull/Netherlands/122/2012
7503	A/black-headed gull/Netherlands/52/2008
7504	A/black-headed gull/Netherlands/6/2009
7505	A/black-headed gull/Netherlands/57/2012
7506	A/mallard duck/Netherlands/11/2006
7507	A/black-headed gull/Netherlands/11/2011
7508	A/black-headed gull/Netherlands/43/2008
7509	A/black-headed gull/Netherlands/22/2012
7510	A/mallard duck/Netherlands/38/2008
7511	A/black-headed gull/Netherlands/129/2012
7512	A/black-headed gull/Netherlands/1/2015
7513	A/black-headed gull/Netherlands/30/2014

7514	A/mallard duck/Netherlands/6/2012
7515	A/black-headed gull/Netherlands/33/2008
7516	A/black-headed gull/Netherlands/2/2010
7517	A/black-headed gull/Netherlands/43/2012
7518	A/black-headed gull/Netherlands/78/2012
7519	A/mallard duck/Netherlands/25/2011
7520	A/black-headed gull/Netherlands/38/2009
7521	A/black-headed gull/Netherlands/18/2008
7522	A/black-headed gull/Netherlands/16/2012
7523	A/black-headed gull/Netherlands/62/2008
7524	A/mallard duck/Netherlands/48/2011
7525	A/black-headed gull/Netherlands/42/2008
7526	A/black-headed gull/Netherlands/124/2012
7527	A/black-headed gull/Netherlands/24/2014
7528	A/black-headed gull/Netherlands/6/2012
7529	A/mallard duck/Netherlands/53/2006
7530	A/black-headed gull/Netherlands/18/2014
7531	A/mallard duck/Netherlands/21/2010
7532	A/black-headed gull/Netherlands/34/2012
7533	A/black-headed gull/Netherlands/36/2012
7534	A/black-headed gull/Netherlands/10/2011
7535	A/black-headed gull/Netherlands/38/2012
7536	A/black-headed gull/Netherlands/79/2012
7537	A/common teal/Netherlands/7/2005
7538	A/black-headed gull/Netherlands/86/2012
7539	A/black-headed gull/Netherlands/79/2008
7540	A/mallard duck/Sweden/139579/2012
7541	A/black-headed gull/Netherlands/84/2012
7542	A/black-headed gull/Netherlands/40/2009
7543	A/black-headed gull/Netherlands/49/2012
7544	A/black-headed gull/Netherlands/20/2011
7545	A/mallard duck/Georgia/11/2011
7546	A/black-headed gull/Netherlands/61/2012
7547	A/black-headed gull/Netherlands/6/2011
7548	A/black-headed gull/Netherlands/86/2008
7549	A/mallard duck/Netherlands/19/2005

7550	A/black-headed gull/Netherlands/26/2009
7551	A/black-headed gull/Netherlands/44/2008
7552	A/black-headed gull/Netherlands/4/2008
7553	A/black-headed gull/Netherlands/15/2008
7554	A/black-headed gull/Netherlands/4/2011
7555	A/mallard duck/Netherlands/3/2004
7556	A/black-headed gull/Netherlands/38/2011
7557	A/mallard duck/Netherlands/8/2014
7558	A/white-fronted goose/Netherlands/3/2010
7559	A/mallard duck/Netherlands/10/2013
7560	A/Bewick swan/Netherlands/1/2014
7561	A/black-headed gull/Netherlands/72/2008
7562	A/mallard duck/Netherlands/12/2005
7563	A/black-headed gull/Netherlands/16/2008
7564	A/black-headed gull/Netherlands/58/2012
7565	A/black-headed gull/Netherlands/38/2008
7566	A/common teal/Netherlands/07/2000
7567	A/black-headed gull/Netherlands/137/2012
7568	A/black-headed gull/Netherlands/111/2012
7569	A/black-headed gull/Netherlands/9/2011
7570	A/black-headed gull/Netherlands/66/2012
7571	A/black-headed gull/Netherlands/89/2012
7572	A/European herring gull/Netherlands/1/2015
7573	A/black-headed gull/Netherlands/51/2012
7574	A/black-headed gull/Netherlands/48/2012
7575	A/black-headed gull/Netherlands/27/2008
7576	A/black-headed gull/Netherlands/27/2011
7577	A/black-headed gull/Netherlands/26/2008
7578	A/mallard duck/Netherlands/2/2014
7579	A/black-headed gull/Netherlands/30/2012
7580	A/mallard duck/Sweden/139647/2012
7581	A/black-headed gull/Netherlands/127/2012
7582	A/black-headed gull/Netherlands/73/2012
7583	A/black-headed gull/Netherlands/87/2008
7584	A/black-headed gull/Netherlands/25/2009
7585	A/mallard duck/Netherlands/9/2001

7586	A/black-headed gull/Netherlands/36/2008
7587	A/Bewick swan/Netherlands/5/2007
7588	A/mallard duck/Sweden/139899/2012
7589	A/mallard duck/Netherlands/14/2011
7590	A/black-headed gull/Netherlands/2/2009
7591	A/black-headed gull/Netherlands/1/2012
7592	A/black-headed gull/Netherlands/93/2008
7593	A/black-headed gull/Netherlands/89/2008
7594	A/black-headed gull/Netherlands/71/2012
7595	A/black-headed gull/Netherlands/75/2012
7596	A/black-headed gull/Netherlands/60/2008
7597	A/black-headed gull/Netherlands/59/2008
7598	A/mallard duck/Netherlands/16/2012
7599	A/black-headed gull/Netherlands/39/2012
7600	A/mallard duck/Netherlands/4/2011
7601	A/black-headed gull/Netherlands/23/2009
7602	A/black-headed gull/Netherlands/59/2012
7603	A/great black-backed gull/Netherlands/1/2008
7604	A/black-headed gull/Netherlands/12/2008
7605	A/black-headed gull/Netherlands/70/2012
7606	A/black-headed gull/Netherlands/63/2012
7607	A/black-headed gull/Netherlands/78/2008
7608	A/black-headed gull/Netherlands/132/2012
7609	A/black-headed gull/Netherlands/64/2008
7610	A/mallard duck/Netherlands/13/2009
7611	A/black-headed gull/Netherlands/14/2008
7612	A/black-headed gull/Netherlands/6/2008
7613	A/mallard duck/Netherlands/1/2004
7614	A/black-headed gull/Netherlands/14/2011
7615	A/black-headed gull/Netherlands/5/2010
7616	A/black-headed gull/Netherlands/37/2011
7617	A/black-headed gull/Netherlands/108/2012
7618	A/mallard duck/Sweden/139937/2012
7619	A/black-headed gull/Netherlands/7/2009
7620	A/black-headed gull/Netherlands/3/2012
7621	A/mallard duck/Netherlands/2/2004

7622	A/black-headed gull/Netherlands/9/2014
7623	A/mallard duck/Sweden/139752/2012
7624	A/black-headed gull/Netherlands/2/2008
7625	A/black-headed gull/Netherlands/12/2009
7626	A/black-headed gull/Netherlands/31/2012
7627	A/black-headed gull/Netherlands/11/2008
7628	A/mallard duck/Georgia/3/2012
7629	A/black-headed gull/Netherlands/97/2012
7630	A/mallard duck/Netherlands/2/2013
7631	A/black-headed gull/Netherlands/3/2008
7632	A/black-headed gull/Netherlands/80/2008
7633	A/black-headed gull/Netherlands/14/2012
7634	A/mallard duck/Netherlands/13/2005
7635	A/black-headed gull/Netherlands/80/2012
7636	A/black-headed gull/Netherlands/37/2014
7637	A/black-headed gull/Netherlands/70/2008
7638	A/black-headed gull/Netherlands/40/2008
7639	A/black-headed gull/Netherlands/29/2008
7640	A/black-headed gull/Netherlands/77/2008
7641	A/mallard duck/Netherlands/45/2011
7642	A/white-fronted goose/Netherlands/5/2011
7643	A/black-headed gull/Netherlands/66/2008
7644	A/black-headed gull/Netherlands/41/2012
7645	A/black-headed gull/Netherlands/136/2012
7646	A/black-headed gull/Netherlands/56/2012
7647	A/black-headed gull/Netherlands/24/2012
7648	A/black-headed gull/Netherlands/39/2008
7649	A/black-headed gull/Netherlands/11/2012
7650	A/black-headed gull/Netherlands/12/2012
7651	A/mallard duck/Netherlands/24/2014
7652	A/mallard duck/Netherlands/21/2014
7653	A/black-headed gull/Netherlands/138/2012
7654	A/Eurasian wigeon/Netherlands/2/2009
7655	A/black-headed gull/Netherlands/64/2012
7656	A/black-headed gull/Netherlands/15/2009
7657	A/black-headed gull/Netherlands/34/2011

7658	A/mallard duck/Netherlands/1/2003
7659	A/mallard duck/Netherlands/13/2006
7660	A/mallard duck/Netherlands/22/2013
7661	A/black-headed gull/Netherlands/5/2008
7662	A/black-headed gull/Netherlands/28/2011
7663	A/black-headed gull/Netherlands/8/2013
7664	A/European herring gull/Netherlands/1/2006
7665	A/common teal/Netherlands/3/2005
7666	A/black-headed gull/Netherlands/26/2011
7667	A/black-headed gull/Netherlands/45/2008
7668	A/black-headed gull/Netherlands/135/2012
7669	A/black-headed gull/Netherlands/33/2011
7670	A/black-headed gull/Netherlands/54/2012
7671	A/European herring gull/Netherlands/2/2014
7672	A/black-headed gull/Netherlands/29/2012
7673	A/Guangxi/6/2017
7674	A/Brisbane/4/2017
7675	A/Newcastle/23/2017
7676	A/Newcastle/30/2017
7677	A/Newcastle/25/2017
7678	A/Newcastle/31/2017
7679	A/Brisbane/13/2017
7680	A/Newcastle/22/2017
7681	A/Sydney/12/2017
7682	A/South Australia/54/2017
7683	A/South Australia/59/2017
7684	A/Darwin/1005/2017
7685	A/South Australia/58/2017
7686	A/Sydney/51/2017
7687	A/Townsville/5/2017
7688	A/South Australia/62/2017
7689	A/Brisbane/35/2017
7690	A/Sydney/60/2017
7691	A/Sydney/42/2017
7692	A/Sri Lanka/4/2017
7693	A/South Australia/14/2017

7694	A/South Australia/12/2017
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7696	A/South Australia/3/2017
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7725	A/Perth/42/2017
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7727	A/Victoria/1000/2017
7728	A/Darwin/1003/2017
7729	A/South Australia/23/2017

7730	A/South Australia/28/2017
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7732	A/South Australia/34/2017
7733	A/South Australia/35/2017
7734	A/Brisbane/9/2017
7735	A/Brisbane/10/2017
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7740	A/Brisbane/23/2017
7741	A/Brisbane/26/2017
7742	A/Townsville/1/2017
7743	A/Newcastle/32/2017
7744	A/Newcastle/18/2017
7745	A/Newcastle/19/2017
7746	A/Newcastle/24/2017
7747	A/Tasmania/1/2017
7748	A/Tasmania/2/2017
7749	A/Tasmania/6/2017
7750	A/Tasmania/9/2017
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7761	A/South Australia/80/2017
7762	A/South Australia/48/2017
7763	A/Townsville/1001/2017
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7782	A/Sydney/69/2017
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7788	A/South Australia/61/2017
7789	A/Sydney/64/2017
7790	A/Sydney/65/2017
7791	A/Sydney/70/2017
7792	A/Perth/68/2017
7793	A/South Australia/64/2017
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7796	A/South Australia/79/2017
7797	A/South Australia/65/2017
7798	A/South Australia/67/2017
7799	A/South Australia/68/2017
7800	A/South Australia/71/2017
7801	A/South Australia/72/2017

7802	A/South Australia/73/2017
7803	A/South Australia/74/2017
7804	A/South Australia/75/2017
7805	A/South Australia/76/2017
7806	A/South Australia/77/2017
7807	A/South Australia/78/2017
7808	A/South Australia/81/2017
7809	A/South Australia/69/2017
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7811	A/Canberra/6/2017
7812	A/Sydney/103/2017
7813	A/Sydney/108/2017
7814	A/South Auckland/15/2017
7815	A/South Auckland/20/2017
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7817	A/South Auckland/30/2017
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7825	A/Indonesia/1240_S29_L001/2012
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7827	A/Indonesia/582_S70_L001/2011
7828	A/Indonesia/604_S47_L001/2011
7829	A/Indonesia/1385_S92_L001/2013
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7833	A/Indonesia/600_S23_L001/2011
7834	A/Indonesia/248_S74_L001/2011
7835	A/Indonesia/557_S34_L001/2011
7836	A/Indonesia/104_S13_L001/2010
7837	A/Indonesia/1069_S7_L001/2012

7838	A/Indonesia/1179_S28_L001/2012
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7840	A/Indonesia/556_S22_L001/2011
7841	A/Indonesia/1257_S53_L001/2012
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7843	A/Indonesia/221_S38_L001/2011
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7846	A/Indonesia/236_S62_L001/2011
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7850	A/Indonesia/212_S2_L001/2011
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7856	A/Indonesia/269_S51_L001/2011
7857	A/Indonesia/1281_S78_L001/2012
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7859	A/Indonesia/1224_S64_L001/2012
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7862	A/Indonesia/440_S81_L001/2011
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7868	A/Indonesia/201_S85_L001/2011
7869	A/Indonesia/219_S14_L001/2011
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7872	A/Indonesia/572_S58_L001/2011
7873	A/Indonesia/443_S93_L001/2011

7874	A/Indonesia/1236_S5_L001/2012
7875	A/Indonesia/1349_S44_L001/2013
7876	A/Shanghai-Xuhui/SWL1246/2017
7877	A/Anhui-Xuanzhou/1179/2017
7878	A/Gansu-Chengguan/145/2017
7879	A/Shandong-Laicheng/1763/2016
7880	A/Guizhou-Zhongshan/124/2017
7881	A/Guangdong-Maonan/1173/2017
7882	A/Shaanxi-Weibin/5161/2017
7883	A/Henan-Shihe/1212/2017
7884	A/Heilongjiang-Aihui/1152/2017
7885	A/swine/Iowa/MT_12_07_4297/2012
7886	A/swine/Minnesota/MT_12_07_1670/2012
7887	A/South Auckland/33/2017
7888	A/South Auckland/35/2017
7889	A/South Auckland/36/2017
7890	A/South Auckland/38/2017
7891	A/South Auckland/39/2017
7892	A/South Auckland/40/2017
7893	A/South Auckland/41/2017
7894	A/South Auckland/42/2017
7895	A/South Auckland/45/2017
7896	A/Bay Of Plenty/1/2017
7897	A/Sydney/78/2017
7898	A/Sydney/84/2017
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7900	A/Sydney/97/2017
7901	A/Sydney/99/2017
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7903	A/Sydney/110/2017
7904	A/Sydney/1003/2017
7905	A/South Australia/82/2017
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7908	A/South Australia/85/2017
7909	A/South Australia/86/2017

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7928	A/Perth/78/2017
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7935	A/Brisbane/50/2017
7936	A/Brisbane/52/2017
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7940	A/South Australia/112/2017
7941	A/South Australia/113/2017
7942	A/South Australia/114/2017
7943	A/South Australia/115/2017
7944	A/South Australia/116/2017
7945	A/South Australia/118/2017

7946	A/South Australia/119/2017
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7948	A/South Australia/121/2017
7949	A/South Australia/122/2017
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7955	A/South Australia/128/2017
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7958	A/South Australia/131/2017
7959	A/South Australia/132/2017
7960	A/South Australia/134/2017
7961	A/Victoria/9/2017
7962	A/Victoria/10/2017
7963	A/Victoria/2010/2017
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7965	A/Victoria/2015/2017
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7968	A/Fiji/45/2017
7969	A/Fiji/46/2017
7970	A/Fiji/48/2017
7971	A/Fiji/51/2017
7972	A/Fiji/53/2017
7973	A/Fiji/62/2017
7974	A/Fiji/64/2017
7975	A/Fiji/66/2017
7976	A/Sydney/119/2017
7977	A/Sydney/120/2017
7978	A/Sydney/121/2017
7979	A/Sydney/134/2017
7980	A/swine/Minnesota/MT_12_07_11_3_4/2011
7981	A/swine/Minnesota/MT_12_07_11_3_1/2011

7982	A/swine/Minnesota/MT_12_07_4003/2012
7983	A/swine/Minnesota/MT_12_07_11_3_27/2011
7984	A/swine/Iowa/MT_12_07_4304/2012
7985	A/swine/Iowa/MT_12_07_4284/2012
7986	A/Indiana/16TOSU3553/2016
7987	A/Indiana/16TOSU3896/2016
7988	A/Indiana/16TOSU3546/2016
7989	A/Indiana/16TOSU3767/2016
7990	A/duck/Guangxi/052/2010
7991	A/duck/Guangxi/058/2010
7992	A/duck/Guangxi/105/2011
7993	A/goose/Guangxi/105/2011
7994	A/duck/Guangxi/113/2012
7995	A/goose/Guangxi/115/2012
7996	A/chicken/Guangxi/121/2012
7997	A/duck/Guangxi/121/2012
7998	A/goose/Guangxi/127/2012
7999	A/goose/Guangxi/128/2013
8000	A/chicken/Guangxi/129/2013
8001	A/duck/Guangxi/132/2013
8002	A/goose/Guangxi/158/2013
8003	A/pigeon/Guangxi/158/2014
8004	A/pigeon/Guangxi/164/2014
8005	A/duck/Moscow/4643/2011
8006	A/duck/Moscow/4652/2011
8007	A/Changsha/26/2017
8008	A/Changsha/41/2017
8009	A/Changsha/44/2017
8010	A/duck/Guangxi/149D24/2013
8011	A/London/16U363140-91_S43_L001/2016
8012	A/ London/16U426028-92_S44_L001/2016
8013	A/London/16U619899-93_S45_L001/2016
8014	A/London/16U715489-94_S46_L001/2016
8015	A/London/16U833253-1_S1_L001/2016
8016	A/mute swan/Kaliningrad/132/2017
8017	A/Sydney/114/2017

8018	A/Sydney/115/2017
8019	A/Sydney/126/2017
8020	A/Sydney/138/2017
8021	A/Sydney/123/2017
8022	A/Brisbane/38/2017
8023	A/Brisbane/43/2017
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8038	A/Sydney/136/2017
8039	A/Brisbane/53/2017
8040	A/Fiji/59/2017
8041	A/Nonthaburi/33/2017
8042	A/Chanthaburi/36/2017
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8044	A/Philippines/2/2017
8045	A/Brisbane/91/2017
8046	A/South Auckland/49/2017
8047	A/South Auckland/50/2017
8048	A/South Auckland/48/2017
8049	A/London/66U016792-38_S38_L001/2016
8050	A/Newcastle/66/2017
8051	A/Newcastle/77/2017
8052	A/Newcastle/78/2017
8053	A/IPD/Prachuapkhirikhan/174/2017

8054	A/Perth/86/2017
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8586	A/Hebei/24994/2017
8587	A/Hebei/24995/2017
8588	A/Hebei/24997/2017
8589	A/Hebei/27400/2017
8590	A/Hebei/27401/2017
8591	A/Hebei/27402/2017
8592	A/Hebei/27403/2017
8593	A/Hebei/27404/2017

8594	A/Hebei/27408/2017
8595	A/Hebei/46586/2016
8596	A/Hebei/46587/2016
8597	A/Henan/14903/2017
8598	A/Henan/15336/2017
8599	A/Henan/15338/2017
8600	A/Henan/15339/2017
8601	A/Henan/17867/2017
8602	A/Henan/21080/2017
8603	A/Henan/22190/2017
8604	A/Henan/27456/2017
8605	A/Henan/32240/2017
8606	A/Hunan/09917/2017
8607	A/Hunan/09918/2017
8608	A/Hunan/09920/2017
8609	A/Hunan/11025/2017
8610	A/Hunan/17868/2017
8611	A/Hunan/17869/2017
8612	A/Hunan/17872/2017
8613	A/Hunan/17873/2017
8614	A/Hunan/25349/2017
8615	A/Jiangsu/24147/2017
8616	A/Jiangsu/24150/2017
8617	A/Jiangsu/24154/2017
8618	A/Jiangsu/24159/2017
8619	A/Jiangsu/24161/2017
8620	A/Jiangxi/10661/2017
8621	A/Jiangxi/10662/2017
8622	A/Jiangxi/10663/2017
8623	A/Jiangxi/10665/2017
8624	A/Jiangxi/10666/2017
8625	A/Jiangxi/10667/2017
8626	A/Jiangxi/10668/2017
8627	A/Jiangxi/10669/2017
8628	A/Jiangxi/10670/2017
8629	A/Jiangxi/10671/2017

8630	A/Jiangxi/10672/2017
8631	A/Jiangxi/10673/2017
8632	A/Jiangxi/10674/2017
8633	A/Jiangxi/10675/2017
8634	A/Jiangxi/10676/2017
8635	A/Jiangxi/10678/2017
8636	A/Jiangxi/10679/2017
8637	A/Jiangxi/10680/2017
8638	A/Jiangxi/10682/2017
8639	A/Jilin/24141/2017
8640	A/Liaoning/13453/2017
8641	A/Liaoning/14356/2017
8642	A/Liaoning/14358/2017
8643	A/Shaanxi/29410/2017
8644	A/Shaanxi/32282/2017
8645	A/Shaanxi/32284/2017
8646	A/Shaanxi/32285/2017
8647	A/Shandong/19419/2017
8648	A/Shandong/21077/2017
8649	A/Shandong-Laiwu/02/2017
8650	A/Shandong-Qingdao/03/2017
8651	A/Shandong-Rizhao/01/2017
8652	A/Shandong-Rizhao/04/2017
8653	A/Shanxi/26569/2017
8654	A/Shanxi/26571/2017
8655	A/Sichuan/09679/2017
8656	A/Sichuan/09680/2017
8657	A/Sichuan/11020/2017
8658	A/Sichuan/11021/2017
8659	A/Sichuan/11022/2017
8660	A/Sichuan/17267/2017
8661	A/Sichuan/24974/2017
8662	A/Sichuan/24976/2017
8663	A/Sichuan/24977/2017
8664	A/Sichuan/24980/2017
8665	A/Sichuan/24981/2017

8666	A/Sichuan/24982/2017
8667	A/Sichuan/24983/2017
8668	A/Sichuan/24984/2017
8669	A/Sichuan/24985/2017
8670	A/Sichuan/24986/2017
8671	A/Sichuan/24987/2017
8672	A/Sichuan/24989/2017
8673	A/Sichuan/27180/2017
8674	A/Sichuan/27181/2017
8675	A/Sichuan/27182/2017
8676	A/Sichuan/27183/2017
8677	A/Sichuan/27184/2017
8678	A/Sichuan/27872/2017
8679	A/Sichuan/29763/2017
8680	A/Sichuan/29764/2017
8681	A/Sichuan/29765/2017
8682	A/Tianjin/31940/2017
8683	A/Yunnan/32291/2017
8684	A/Yunnan/32293/2017
8685	A/Yunnan/32294/2017
8686	A/Zhejiang/21/2017
8687	A/Zhejiang/22/2017
8688	A/zhejiang/23/2017
8689	A/zhejiang/24/2017
8690	A/Zhejiang/25/2017
8691	A/Zhejiang/27/2017
8692	A/zhejiang/28/2017
8693	A/Zhejiang/29/2017
8694	A/Zhejiang/30/2017
8695	A/Zhejiang/32/2017
8696	A/Zhejiang/33/2017
8697	A/Zhejiang/34/2017
8698	A/Zhejiang/35/2017
8699	A/Zhejiang/36/2017
8700	A/Zhejiang/37/2017
8701	A/Zhejiang/38/2017

8702	A/Jiangsu/11582/2017
8703	A/Hunan/25350/2017
8704	A/Hunan/25353/2017
8705	A/Hunan/25355/2017
8706	A/Hunan/25356/2017
8707	A/Hunan/25358/2017
8708	A/Hunan/25360/2017
8709	A/Hunan/25362/2017
8710	A/Hunan/25363/2017
8711	A/Hunan/25364/2017
8712	A/Hunan/25365/2017
8713	A/Environment/Hubei/12133/2017
8714	A/Environment/Hubei/12134/2017
8715	A/Environment/Hubei/12136/2017
8716	A/Environment/Hubei/12137/2017
8717	A/Environment/Hubei/12167/2017
8718	A/Environment/Hubei/12176/2017
8719	A/Environment/Hubei/12177/2017
8720	A/Environment/Hubei/12178/2017
8721	A/Hubei/09910/2017
8722	A/Hubei/09911/2017
8723	A/Hubei/09913/2017
8724	A/Hubei/09929/2017
8725	A/Hubei/09937/2017
8726	A/chicken/Greece/39_2017/2017
8727	A/chicken/Greece/39_2017a/2017
8728	A/chicken/Greece/39_2017b/2017
8729	A/Moscow/1/2017
8730	A/Shanghai-Songjiang/1635/2017
8731	A/Hubei-Maojian/11402/2017
8732	A/Guizhou-Huichuan/1636/2017
8733	A/Hubei-Xianan/1702/2017
8734	A/Newcastle/196/2017
8735	A/Victoria/2111/2017
8736	A/Townsville/1007/2017
8737	A/Victoria/683/2017

8738	A/Victoria/128/2017
8739	A/Perth/236/2017
8740	A/Astrakhan/32/2017
8741	A/Brisbane/1046/2017
8742	A/Brisbane/1069/2017
8743	A/Sydney/1117/2017
8744	A/Sydney/1119/2017
8745	A/Sydney/1120/2017
8746	A/Sydney/1169/2017
8747	A/Victoria/1025/2017
8748	A/Victoria/1027/2017
8749	A/Victoria/624/2017
8750	A/Victoria/653/2017
8751	A/Sydney/1144/2017
8752	A/Tasmania/1020/2017
8753	A/Brisbane/1050/2017
8754	A/Victoria/1021/2017
8755	A/Victoria/1020/2017
8756	A/Victoria/655/2017
8757	A/Kenya/032/2017
8758	A/Kenya/030/2017
8759	A/Kenya/026/2017
8760	A/Kenya/028/2017
8761	A/Kenya/024/2017
8762	A/Rostov-on-Don/3196/2017
8763	A/Rostov-on-Don/3171/2017
8764	A/Victoria/686/2017
8765	A/Newcastle/606/2017
8766	A/Newcastle/605/2017
8767	A/Victoria/197/2017
8768	A/Victoria/200/2017
8769	A/Victoria/842/2017
8770	A/Victoria/843/2017
8771	A/Victoria/845/2017
8772	A/Victoria/850/2017
8773	A/Victoria/852/2017

8774	A/Victoria/856/2017
8775	A/Victoria/866/2017
8776	A/Victoria/869/2017
8777	A/Victoria/870/2017
8778	A/Victoria/219/2017
8779	A/Victoria/830/2017
8780	A/Victoria/851/2017
8781	A/Victoria/853/2017
8782	A/Victoria/854/2017
8783	A/Victoria/855/2017
8784	A/Victoria/858/2017
8785	A/Victoria/859/2017
8786	A/Victoria/861/2017
8787	A/Victoria/863/2017
8788	A/Victoria/868/2017
8789	A/Victoria/216/2017
8790	A/Canberra/75/2017
8791	A/Tasmania/66/2017
8792	A/Victoria/883/2017
8793	A/South Australia/246/2017
8794	A/South Australia/247/2017
8795	A/South Australia/248/2017
8796	A/South Australia/249/2017
8797	A/South Australia/250/2017
8798	A/South Australia/251/2017
8799	A/South Australia/254/2017
8800	A/South Australia/255/2017
8801	A/Canberra/68/2017
8802	A/Canberra/70/2017
8803	A/Canberra/72/2017
8804	A/Canberra/73/2017
8805	A/Victoria/218/2017
8806	A/Victoria/217/2017
8807	A/Victoria/896/2017
8808	A/Victoria/871/2017
8809	A/Victoria/208/2017

8810	A/Victoria/209/2017
8811	A/Victoria/210/2017
8812	A/Victoria/214/2017
8813	A/Victoria/215/2017
8814	A/Victoria/876/2017
8815	A/Victoria/888/2017
8816	A/Victoria/893/2017
8817	A/Perth/213/2017
8818	A/Perth/240/2017
8819	A/Perth/303/2017
8820	A/Victoria/2145/2017
8821	A/South Australia/169/2017
8822	A/mute_swan/England/AVP_18_001986/2017
8823	A/pochard_duck/England/AVP_18_003254/2018
8824	A/canada_goose/England/AV58_18OPpoolEP1/2018
8825	A/Tasmania/57/2017
8826	A/Tasmania/62/2017
8827	A/Tasmania/64/2017
8828	A/Victoria/205/2017
8829	A/Victoria/206/2017
8830	A/Victoria/212/2017
8831	A/Perth/225/2017
8832	A/Victoria/634/2017
8833	A/Victoria/642/2017
8834	A/Victoria/193/2017
8835	A/Victoria/196/2017
8836	A/Victoria/201/2017
8837	A/Victoria/221/2017
8838	A/Victoria/233/2017
8839	A/Victoria/180/2017
8840	A/Victoria/182/2017
8841	A/Victoria/185/2017
8842	A/Victoria/186/2017
8843	A/Victoria/190/2017
8844	A/Victoria/192/2017
8845	A/South Australia/259/2017

8846	A/South Australia/261/2017
8847	A/Christchurch/515/2017
8848	A/Tasmania/72/2017
8849	A/Tasmania/75/2017
8850	A/Tasmania/76/2017
8851	A/Fiji/68/2017
8852	A/Fiji/67/2017
8853	A/Fiji/69/2017
8854	A/Fiji/72/2017
8855	A/Brisbane/185/2017
8856	A/Brisbane/187/2017
8857	A/Brisbane/188/2017
8858	A/Brisbane/189/2017
8859	A/Brisbane/1096/2017
8860	A/Brisbane/1098/2017
8861	A/Sydney/220/2017
8862	A/Perth/317/2017
8863	A/Perth/322/2017
8864	A/Perth/333/2017
8865	A/Perth/325/2017
8866	A/Perth/331/2017
8867	A/Perth/285/2017
8868	A/Perth/329/2017
8869	A/Perth/330/2017
8870	A/Canberra/74/2017
8871	A/green-winged teal/Mississippi/16OS6098/2016
8872	A/Kunming/KMCDC-YHY/2017
8873	A/canine/Vermont/278213/2013
8874	A/equine/Georgia/121362-16/2016
8875	A/canine/Connecticut/85863/2011
8876	A/canine/Florida/15592.1/2004
8877	A/equine/Oregon/78356/2012
8878	A/canine/New York/159903/2012
8879	A/equine/Florida/146609/2011
8880	A/canine/New York/1623.1/2010
8881	A/canine/Pennsylvania/96978/2009

8882	A/canine/New York/3699/2010
8883	A/equine/New York/135857/2016
8884	A/canine/Maine/058124/2016
8885	A/chicken/Kostroma/1718/2017
8886	A/Shoveller/Ningxia/475-11/2015
8887	A/Gadwall/Ningxia/472-7/2015
8888	A/chicken/Shandong/196/2011
8889	A/Kenya/045/2017
8890	A/Zhejiang-Nanxun/12/2018
8891	A/Tianjin-Nankai/17/2018
8892	A/Xinjiang-Aletai/1605/2017
8893	A/Beijing-Haidian/14/2018
8894	A/Guizhou-Xinyi/11038/2017
8895	A/Hebei-Hejian/1820/2017
8896	A/Liaoning-Donggang/1641/2017
8897	A/Shaanxi-Wangyi/1974/2017
8898	A/Neimenggu-Wulanhaote/1765/2017
8899	A/Jilin-Chaoyang/111/2018
8900	A/Shanxi-Yingze/1692/2017
8901	A/swine/Ohio/16TOSU3157/2016
8902	A/chicken/Rostov-on-Don/1321/2017
8903	A/chicken/Rostov-on-Don/1598/2017
8904	A/swine/Irkutsk/155/2017
8905	A/chicken/Kostroma/1717/2017
8906	A/chicken/Kostroma/1719/2017
8907	A/chicken/Kostroma/1720/2017
8908	A/chicken/Kostroma/1721/2017
8909	A/Astrakhan/32/2017
8910	A/Saint-Petersburg/RII-330/2017
8911	A/Saint-Petersburg/RII-331/2017
8912	A/Moscow/100/2017
8913	A/Saint-Petersburg/RII-86S/2017
8914	A/Saint-Petersburg/RII-106S/2017
8915	A/Saint-Petersburg/RII-144S/2017
8916	A/Saint-Petersburg/RII-219S/2017
8917	A/Saint-Petersburg/RII-308S/2017

8918	A/Saint-Petersburg/RII-334S/2017
8919	A/Saint-Petersburg/RII-378S/2018
8920	A/Saint-Petersburg/RII-449S/2018
8921	A/Saint-Petersburg/RII-774S/2018
8922	A/Saint-Petersburg/RII-775S/2018
8923	A/Moscow/RII-782S/2018
8924	A/Samara/RII-842S/2018
8925	A/Samara/RII-843S/2018
8926	A/Samara/RII-844S/2018
8927	A/Samara/RII-845S/2018
8928	A/Samara/RII-846S/2018
8929	A/Moscow/2/2018
8930	A/Moscow/101/2017
8931	A/Moscow/102/2017
8932	A/Saint-Petersburg/RII-7/2018
8933	A/Saint-Petersburg/RII-8/2018
8934	A/Saint-Petersburg/RII-9/2018
8935	A/Kirov/RII-150S/2017
8936	A/Arkhangelsk/RII-473S/2018
8937	A/Saint-Petersburg/RII-648S/2018
8938	A/Moscow/RII-779S/2018
8939	A/Moscow/RII-780S/2018
8940	A/Moscow/RII-781S/2018
8941	A/Moscow/3/2018
8942	A/Moscow/4/2018
8943	A/Samara/1/2018
8944	A/Moscow/1/2018
8945	A/Samara/117868/2018
8946	A/heron/Guangdong/C1/2013
8947	A/Naknon Si Thammarat/2361/2017
8948	A/Singapore/GP2149/2017
8949	A/Sri Lanka/87/2017
8950	A/Sri Lanka/88/2017
8951	A/Sri Lanka/90/2017
8952	A/Sri Lanka/85/2017
8953	A/Sri Lanka/4/2018

8954	A/Sri Lanka/97/2017
8955	A/Sri Lanka/98/2017
8956	A/Sri Lanka/101/2017
8957	A/Sri Lanka/102/2017
8958	A/Townsville/18/2017
8959	A/Cambodia/B1120430/2017
8960	A/Cambodia/B1120469/2017
8961	A/Cambodia/C0112404/2017
8962	A/Cambodia/B1108407/2017
8963	A/Cambodia/B100517/2017
8964	A/Cambodia/B1025417/2017
8965	A/Cambodia/B1116403/2017
8966	A/Cambodia/36442/2017
8967	A/Cambodia/36625/2017
8968	A/Cambodia/36660/2017
8969	A/Cambodia/36943/2017
8970	A/Cambodia/AD07901/2017
8971	A/Philippines/30/2017
8972	A/Philippines/35/2017
8973	A/Nonthaburi/304/2017
8974	A/Chanthaburi/415/2017
8975	A/Fiji/71/2017
8976	A/Philippines/13/2017
8977	A/Philippines/16/2017
8978	A/Sakonnakhon/290/2017
8979	A/Lopburi/346/2017
8980	A/Brisbane/1099/2017
8981	A/great crested grebe/Sevastopol/11-173/2008
8982	A/Minas Gerais/594/2017
8983	A/Santa Catarina/142/2017
8984	A/Santa Catarina/205/2017
8985	A/Bahia/307/2017
8986	A/Santa Catarina/455/2017
8987	A/Rio Grande do Sul/287/2017
8988	A/Parana/490/2017
8989	A/Espirito Santo/619/2017

8990	A/Fiji/74/2017
8991	A/Ruddy Shelduck/AN/2-14-12/2016
8992	A/Environmental (EM) /AN/2/17
8993	A/swine/China/a2/2017
8994	A/chicken/China/a7/2017
8995	A/chicken/China/a8/2017
8996	A/chicken/China/a9/2017
8997	A/chicken/China/a10/2017
8998	A/chicken/China/a11/2017
8999	A/chicken/China/a12/2017
9000	A/Olive baboons/Kenya/PAN3342/2016
9001	A/Mexico/IBT25/2009
9002	A/Mexico/IBT44/2009
9003	A/Mexico/IBT4/2009
9004	A/Mexico/VER73/2012
9005	A/Mexico/VER78/2012
9006	A/Mexico/VER58/2012
9007	A/Mexico/OAX59/2012
9008	A/Mexico/VER62/2012
9009	A/Mexico/InDRE2362/2007
9010	A/Mexico/InDRE499/2008
9011	A/Mexico/JAL25565/2009
9012	A/Mexico/InDRE2664/2003
9013	A/Mexico/InDRE2250/2005
9014	A/Mexico/JAL121/2011
9015	A/Chicken/Netherlands/EMC-1/2018
9016	A/Chicken/Netherlands/EMC-14/2018
9017	A/Eurasian wigeon/Netherlands/1/2018
9018	A/Great black-backed gull/Netherlands/1/2018
9019	A/Mallard/Republic of Georgia/1/2018
9020	A/NC/4690/2014
9021	A/Malaysia/17/2017
9022	A/Domestic_Duck/Netherlands/EMC-2/2018
9023	A/Domestic_Duck/Netherlands/EMC-6/2018
9024	A/goose/Guangdong/A11/2016
9025	A/duck/Guangdong/A9/2016

9026	A/chicken/Guangdong/835/2016
9027	A/duck/Guangdong/222/2015
9028	A/swine/Mexico/7773583/2010
9029	A/swine/Mexico/7774063/2010
9030	A/swine/Mexico/7932475/2010
9031	A/swine/Mexico/7942103/2010
9032	A/swine/Mexico/8630459/2011
9033	A/equine/East Lothian/2/2018
9034	A/chicken/Shandong/36/2016
9035	A/Swine/Belzig/02/2001
9036	A/black-tailed gull/Weihai/115/2016
9037	A/black-tailed gull/Weihai/17/2016
9038	A/canine/Florida/20170606-7/2017
9039	A/canine/Kentucky/20170606-23/2017
9040	A/canine/Illinois/M17-05782-11-1/2017
9041	A/canine/Illinois/M16-16391-2-1/2016
9042	A/canine/California/20170411-20/2017
9043	A/canine/Illinois/M16-25374-14-1/2016
9044	A/canine/Illinois/M16-30480-3-1/2016
9045	A/canine/Illinois/M17-05782-7-1/2017
9046	A/canine/Illinois/20170110-1G4/2016
9047	A/canine/Kentucky/20170606-6/2017
9048	A/canine/Florida/20170606-11/2017
9049	A/canine/Illinois/20170110-2G1/2016
9050	A/canine/Florida/20170606-8/2017
9051	A/canine/Illinois/M17-05782-1-1/2017
9052	A/canine/Illinois/20170110-1G12/2016
9053	A/canine/Florida/20170606-17/2017
9054	A/canine/Florida/20170606-9/2017
9055	A/canine/Illinois/M17-05782-4-1/2017
9056	A/canine/Pennsylvania/20170411-5/2017
9057	A/canine/NorthCarolina/20170606-28/2017
9058	A/canine/Florida/20170606-18/2017
9059	A/canine/Illinois/M17-05782-8-1/2017
9060	A/canine/South Korea/20170110-1F1/2016
9061	A/canine/Illinois/20170110-2F1/2016

9062	A/canine/Florida/20170606-2/2017
9063	A/canine/Illinois/M16-25374-19-1/2016
9064	A/canine/Illinois/187427-16-7/2016
9065	A/chicken/Shandong/LY1/2017
9066	A/Ulyanovsk/205/2018
9067	A/Newcastle/207/2017
9068	A/Brisbane/07/2018
9069	A/Brisbane/08/2018
9070	A/Brisbane/14/2018
9071	A/Brisbane/22/2018
9072	A/Sydney/5/2018
9073	A/Sydney/8/2018
9074	A/Sydney/12/2018
9075	A/Sydney/13/2018
9076	A/Brisbane/195/2017
9077	A/Brisbane/196/2017
9078	A/Brisbane/197/2017
9079	A/Brisbane/198/2017
9080	A/Brisbane/199/2017
9081	A/Brisbane/201/2017
9082	A/Brisbane/203/2017
9083	A/Townsville/16/2017
9084	A/Brisbane/204/2017
9085	A/Perth/2/2018
9086	A/Macau/604542/2017
9087	A/Macau/600369/2018
9088	A/Macau/601328/20178
9089	A/Victoria/949/2017
9090	A/Victoria/946/2017
9091	A/Armenian Gull/Republic of Georgia/4/2017
9092	A/Victoria/962/2017
9093	A/Brisbane/40/2018
9094	A/South Australia/10/2018
9095	A/Brisbane/1000/2018
9096	A/South Australia/8/2018
9097	A/Townsville/04/2018

9098	A/Brisbane/36/2018
9099	A/Macau/600279/2018
9100	A/South Australia/11/2018
9101	A/Perth/12/2018
9102	A/Brisbane/185/2017
9103	A/Sydney/6/2018

Supplementary Table 2. List of avian influenza viruses ($n = 113$) used for pilot study to find conserved regions of matrix genes.

Accession	Strain	Accession	Strain	Accession	Strain
AY180470	A/Quail/NC/12-340/00(H1N1)	AY664443	A/Mallard/Alb/199/99(H3N6)	AF474055	A/Chicken/CA/6643/2001(H6N2)
AY664442	A/Shorebird/DE/24/98 (H2N1)	AY664432	A/Mallard/Alb/114/97 (H3N8)	AF474052	A/Chicken/CA/1002/2000(H6N2)
AY664437	A/Laughing gull/NJ/75/85 (H2N9)	AY180491	A/Quail/NC/4-026/2000(H4N6)	AF474049	A/Chicken/CA/431/2000(H6N2)
AY180476	A/Duck/NC/2-0485/00(H2N9)	AY180521	A/Quail/NC/2-0579/2000(H4N6)	AF457712	A/Chicken/CA/139/01(H6N2)
AY180503	A/Duck/NC/4-184/00(H2N9)	AY180520	A/Duck/NC/2-0147/2000(H4N6)	AF457710	A/Chicken/CA/1002a/00(H6N2)
AY180510	A/Duck/NC/4-190/00(H2N9)	AY180513	A/Duck/NC/4-165/2000(H4N6)	AF457703	A/Chicken/CA/431/00(H6N2)
AY180512	A/Duck/NC/2-0486/00(H2N9)	AY180509	A/Duck/NC/4-191/2000(H4N6)	AF457695	A/Chicken/CA/465/00(H6N2)
AY180511	A/Duck/NC/2-0492/00(H2N9)	AY180507	A/Quail/NC/4-034/2000(H4N6)	AF457687	A/Chicken/CA/6643/01(H6N2)
AY180514	A/Duck/NC/3-090/00(H2N9)	AY180501	A/Chicken/NC/4-008/2000(H4N6)	AF457678	A/Chicken/CA/905/01(H6N2)
AY619967	A/Swine/Ont/K01477/01(H3N3)	AY180500	A/Duck/NC/4-173/2000(H4N6)	AF474056	A/Chicken/CA/8892/01(H6N2)
AY180522	A/Pigeon/NC/9-058/00(H3N3)	AY180499	A/Chicken/NC/3-0128/2000(H4N6)	AF474054	A/Chicken/CA/1316/01(H6N2)
AY180518	A/Bantam/NC/9-366/00(H3N3)	AY180497	A/Chicken/NC/2-0527/2000(H4N6)	AF474050	A/Chicken/CA/465/00(H6N2)
AY180523	A/Quail/NC/2-040/01(H3N6)	AY300974	A/Duck/NY/191255-59/02(H5N8)	AY664436	A/Sanderling/DE/1258/86(H6N6)
AY180517	A/Chicken/NC/1-020/01(H3N6)	AY300973	A/Chicken/TX/167280-4/02(H5N3)	INA416630	A/Chicken/IT/1067/99(H7N1)
AY180515	A/Duck/NC/9-385/00(H3N6)	AY300972	A/Ruddy turnstone/NJ/2242/00(H5N3)	AY586430	A/Mallard/IT/33/01(H7N3)
AY180508	A/Duck/NC/1-100/01(H3N6)	AY300971	A/Turkey/CA/D0208651-C/02(H5N2)	AY586429	A/Mallard/IT/43/01(H7N3)
AY180505	A/Chicken/NC/3-201/01(H3N6)	AY300970	A/Duck/NY/191255-79/02(H5N2)	AY586428	A/Turkey/IT/220158/2002(H7N3)
AY180494	A/Quail/NC/3-140/01(H3N6)	AY300969	A/Duck/NY/186875/02(H5N2)	AY586427	A/Turkey/IT/214845/02(H7N3)
AY180493	A/Duck/NC/2-182/01(H3N6)	AY300968	A/Duck/NY/185502/02(H5N2)	AY611525	A/Chicken/BC/04(H7N3)
AY180488	A/Quail/NC/10-028/00(H3N6)	AY300967	A/Duck/ME/151895-7A/02(H5N2)	AY300975	A/Blue-winged teal/TX/2/01(H7N3)
AY180487	A/Duck/NC/8-197/00(H3N6)	AY300966	A/Unknown/NY/118547-11/01(H5N2)	AY241616	A/Duck/PA/143585/01(H7N3)
AY180484	A/Duck/NC/10-096/00(H3N6)	AY300965	A/Duck/NJ/117228-7/01(H5N2)	AY241600	A/Chicken/NY/12273-11/99(H7N3)
AY180483	A/Duck/NC/1-181/01(H3N6)	AY300964	A/Unknown/NY/101250-18/01(H5N2)	AY664433	A/Ruddy turnstone/NJ/65/85(H7N3)
AY180482	A/Duck/NC/1-161/01(H3N6)	AY300963	A/Unknown/NY/98899-6/01(H5N2)	AY340089	A/NL/219/03(H7N7)
AY180481	A/Chicken/NC/1-101/01(H3N6)	AY300962	A/Avian/NY/53726/00(H5N2)	AY340087	A/NL/126/03(H7N7)
AY180480	A/Duck/NC/12-280/00(H3N6)	AY300961	A/Chukkar/NY/51375/00(H5N2)	AY340090	A/NL/33/03(H7N7)

Optimized molecular detection of IAVs

AY180479	A/Chicken/NC/12-220/00(H3N6)	AY300960	A/Duck/NY/44018-2/00(H5N2)	AY340088	A/NL/127/03(H7N7)
AY180478	A/Pigeon/NC/8-142/00(H3N6)	AY300959	A/Duck/NY/44018-1/00(H5N2)	AY340086	A/NL/124/03(H7N7)
AY180475	A/Quail/NC/7-026/00(H3N6)	AY300958	A/Avian/NY/31588-3/00(H5N2)	AJ619676	A/Chicken/Ger/R28/03(H7N7)
AY180474	A/Chicken/NC/12-301/00(H3N6)	AY300957	A/Avian/NY/31588-2/00(H5N2)	AF523497	A/Duck/HK/86/76(H9N2)
AY180472	A/Chicken/NC/9-220/00(H3N6)	AY300956	A/Environment/NY/5626-17/98(H5N2)	AF523496	A/Duck/HK/289/78(H9N2)
AY180471	A/Duck/NC/9-091/00(H3N6)	AY300955	A/Environment/NY/5626-2/98(H5N2)	AF523495	A/Duck/HK/552/79(H9N2)
AY180469	A/Pigeon/NC/11-045/00(H3N6)	AY300954	A/Environment/NY/5626-1/98(H5N2)	AF523494	A/Duck/HK/610/79(H9N2)
AY180468	A/Duck/NC/8-198/00(H3N6)	AY300953	A/Pheasant/NJ/1355/98(H5N2)	AY664435	A/Ruddy turnstone/DE/116/98 (H9N8)
AY180467	A/Chicken/ NC /7-010/00(H3N6)	AY300952	A/Chukkar/MN/14951-7/98(H5N2)	AY664441	A/Red knot/DE/2561/87 (H10N5)
AY180466	A/Chicken/NC/2-120/01(H3N6)	AY664439	A/Ruddy turnstone/DE/106/98 (H6N2)	AY664431	A/Mallard/Alb/223/77 (H12N5)
AY180465	A/Duck/N Alb /10-383/00(H3N6)	AF474058	A/Chicken/CA/9420/2001(H6N2)	AY664438	A/Ruddy turnstone/DE/265/98 (H12N8)
AY664434	A/Mallard/Alb/22/76 (H3N6)	AF474057	A/Chicken/CA/9174/2001(H6N2)		

Alb = Alberta, Canada; BC = British Columbia, Canada; CA = California; DE = Delaware; Ger = Germany; HK = Hong Kong; IT = Italy; ME = Maine; MN = Minnesota; NC = Nanchang, China; NJ = New Jersey; NL = The Netherlands; NY = New York; Ont = Ontario, Canada; PA = Pennsylvania; TX = Texas.