

Supplementary Table 1: HI values in vaccinated and unvaccinated workers. The one worker with a confirmed acute seasonal A(H1N2) infection was excluded. Highlighted results are those where the titre to a swine IAV was  $\geq 40$  and at least four-fold higher than the titre to the vaccine strain.

Vaccinated workers					Unvaccinated workers				
ID	A/ H1N2/ WA/ 896X/ 2012	A/ H1N1pdm09/ Calif/ 7/ 2009	A/ H3N2/ WA/ 766G/ 2012	A/ H3N2/ Perth/ 16/ 2009	ID	A/ H1N2/ WA/ 896X/ 2012	A/ H1N1pdm09/ Calif/ 7/ 2009	A/ H3N2/ WA/ 766G/ 2012	A/ H3N2/ Perth/ 16/ 2009
1	10	80	160	40	28	<10	<10	<10	<10
2	160	320	1280	640	58	<10	10	20	<10
3	80	160	40	160	36	80	80	10	<10
4	80	160	40	1280	12	<10	40	<10	40
5	<10	20	<10	<10	9	40	640	320	80
6	<10	320	<10	40	26	<10	80	<10	80
7	10	40	40	40	21	80	320	10	80
8	<10	<10	80	<10	45	80	640	40	80
10	<10	160	<10	640	54	<10	<10	<10	<10
11	<10	320	40	80					
13	<10	80	160	80					
14	<10	80	640	80					
15	<10	80	10	40					
16	160	160	80	80					
17	<10	80	160	160					
18	40	80	80	40					
19	<10	320	320	160					
20	<10	20	80	80					
22	10	40	80	320					
23	40	80	320	80					
24	40	40	<10	10					
25	40	320	640	1280					
27	160	1280	1280	160					
29	40	80	80	40					
30	<10	40	<10	80					
31	80	160	40	160					
32	<10	40	160	<10					
33	80	160	40	<10					
34	80	160	80	160					
35	<10	40	80	<10					
37	160	320	40	80					
38	<10	160	20	80					
39	<10	160	160	320					
40	<10	40	<10	<10					
41	20	40	20	160					
42	40	320	160	10					
43	<10	80	80	160					
44	<10	640	320	320					
45	80	640	40	80					
47	10	40	20	160					
48	<10	160	320	640					
49	40	40	20	10					
50	<10	320	160	160					
51	160	320	80	640					
52	20	640	320	640					
53	<10	40	80	40					
55	80	<10	ND	ND					
56	160	160	ND	ND					