

## Supplemental Digital Content 4

Seropositivity rate for HI antibodies pre-vaccination and 7 days after first vaccination in the revaccination study, by age strata (per-protocol cohort)

	Primed			Unprimed		
	N	n	Seropositivity rate, % (95% CI)	N	n	Seropositivity rate, % (95% CI)
<b>17-29 months</b>						
A/H1N1						
Pre-vaccination	91	73	80.2 (70.6-87.8)	89	17	19.1 (11.5-28.8)
Post-vaccination	91	88	96.7 (90.7-99.3)	92	55	59.8 (49.0-69.9)
A/H3N2						
Pre-vaccination	91	48	52.7 (42.0-63.3)	89	31	34.8 (25.0-45.7)
Post-vaccination	91	87	95.6 (89.1-98.8)	92	38	41.3 (31.1-52.1)
B/Victoria						
Pre-vaccination	91	71	78.0 (68.1-86.0)	89	20	22.5 (14.3-32.6)
Post-vaccination	91	91	100 (96.0-100)	92	68	73.9 (63.7-82.5)
B/Yamagata						
Pre-vaccination	91	41	45.1 (34.6-55.8)	89	9	10.1 (4.7-18.3)
Post-vaccination	91	89	97.8 (92.3-99.7)	92	59	64.1 (53.5-73.9)
<b>30-48 months</b>						
A/H1N1						
Pre-vaccination	130	116	89.2 (82.6-94.0)	113	47	41.6 (32.4-51.2)
Post-vaccination	133	132	99.2 (95.9-100)	117	82	70.1 (60.9-78.2)
A/H3N2						
Pre-vaccination	130	83	63.8 (55.0-72.1)	113	48	42.5 (33.2-52.1)
Post-vaccination	133	131	98.5 (94.7-99.8)	117	61	52.1 (42.7-61.5)
B/Victoria						
Pre-vaccination	130	116	89.2 (82.6-94.0)	113	38	33.6 (25.0-43.1)
Post-vaccination	133	133	100 (97.3-100)	117	106	90.6 (83.8-95.2)
B/Yamagata						
Pre-vaccination	130	93	71.5 (63.0-79.1)	113	27	23.9 (16.4-32.8)
Post-vaccination	133	133	100 (97.3-100)	117	85	72.6 (63.6-80.5)

CI: confidence interval; HI: hemagglutination inhibition