

**Supplementary Table S1.** Vaccine treatment group comparisons at pre- and post-vaccination at 60 and 90 % neutralization

Vaccine treatment comparison	60% neutralization			90% neutralization		
	<i>n</i>	<i>P</i> -value		<i>n</i>	<i>P</i> -value	
		Pre-vaccination	Post-vaccination		Pre-vaccination	Post-vaccination
Dryvax vs MVA SC	10 vs 14	0.8124	0.5468	12 vs 15	0.2928	0.0340
Dryvax vs MVA IM	10 vs 25	0.0651	0.5780	12 vs 26	0.0264	0.0429
MVA SC vs MVA IM	14 vs 25	0.0981	1.000	15 vs 26	0.1073	0.9892