

**Table S1 Immunogenicity analysis pre-vaccination**

Pre-vaccination	5-dose PVRV-WIBP	5-dose PVRV-LNCD	4-dose PVRV-WIBP	<i>P</i> -value
All subjects	0.10 ( 0.09-0.10)	0.10 ( 0.09-0.10)	0.10 ( 0.09-0.10)	0.9325
0:7:42/35	0.09 ( 0.09-0.10)	0.09 ( 0.09-0.10)	0.10 ( 0.09-0.11)	0.0270
0:14:42/35	0.10 ( 0.09-0.11)	0.10 ( 0.09-0.10)	0.09 ( 0.09-0.09)	0.0387

**Table S2 Antibody levels were compared between groups**

Blood schedule	Antibody titer, GMT (95%)			<i>P</i> - value	
	5-dose PVRV-WIBP	5-dose PVRV-LNCD	4-dose PVRV-WIBP	5-dose PVRV-WIBP vs 5-dose PVRV-LNCD	5-dose PVRV-WIBP vs 4-dose PVRV-WIBP
0:7:42/35	1.05	0.70	1.50	0.0001	0.0008
0:14:42/35	35.36	29.32	36.55	0.0011	0.5452
14-day PWV <sup>a</sup>	19.97	15.28	21.55	<0.0001	0.0895

a. 14-day PWV, 14 days after the whole vaccine schedule.