

Supplemental Table 4: Immunogenicity Summary by Breast Feeding Status

Antigen	Parameter	RV5 _{MP} (N=495)			RV5 (N=488)		
		n	Observed Response	95% CI	n	Observed Response	95% CI
Breast Feeding Status: Always							
Serotype G1	Predose 1 GMT	176	29.6	(24.7, 30.2)	171	31.1	(26.7, 32.2)
	Postdose 3 GMT	174	72.7	(89.7, 111.1)	171	86.8	(94.6, 119.0)
	% ≥3-fold rise	174	43.1%	(51.5, 60.5)	171	49.1%	(49.3, 58.4)
Serotype G2	Predose 1 GMT	176	16.8	(13.7, 16.5)	171	17.2	(14.8, 17.6)
	Postdose 3 GMT	174	31.4	(27.0, 33.3)	171	24.3	(23.7, 29.1)
	% ≥3-fold rise	174	28.2%	(26.3, 34.7)	171	24.0%	(22.9, 31.0)
Serotype G3	Predose 1 GMT	176	11.4	(10.4, 13.1)	171	13.5	(12.0, 15.0)
	Postdose 3 GMT	174	78.8	(74.2, 92.5)	171	20.4	(22.6, 28.1)
	% ≥3-fold rise	174	63.8%	(61.4, 70.1)	171	24.6%	(29.1, 37.7)
Serotype G4	Predose 1 GMT	176	22.1	(19.4, 23.7)	171	26.4	(23.3, 28.3)
	Postdose 3 GMT	174	66.0	(72.3, 86.1)	171	61.4	(65.4, 78.1)
	% ≥3-fold rise	174	54.6%	(53.8, 62.8)	171	46.2%	(45.1, 54.3)
Serotype P1A	Predose 1 GMT	176	40.9	(33.7, 41.9)	171	45.1	(38.2, 47.4)
	Postdose 3 GMT	174	90.3	(96.5, 118.4)	171	71.0	(80.2, 101.2)
	% ≥3-fold rise	174	42.5%	(45.0, 54.2)	171	36.8%	(38.2, 47.2)
Serum anti-rotavirus IgA	Predose 1 GMT	176	0.1	(0.1, 0.2)	169	0.2	(0.2, 0.2)
	Postdose 3 GMT	174	172.7	(210.4, 274.8)	169	211.5	(204.1, 271.8)
	% ≥3-fold rise	174	96.6%	(95.4, 98.5)	169	93.5%	(92.9, 96.9)
Breast Feeding Status: Sometimes							
Serotype G1	Predose 1 GMT	189	29.1	(24.8, 34.1)	191	29.9	(25.8, 34.8)
	Postdose 3 GMT	184	118.8	(100.2, 140.9)	188	118.4	(99.0, 141.6)
	% ≥3-fold rise	184	62.5	(55.1, 69.5)	187	54.5%	(47.1, 61.8)
Serotype G2	Predose 1 GMT	189	16.3%	(13.9, 19.1)	191	16.1	(13.9, 18.5)
	Postdose 3 GMT	184	32.7	(27.3, 39.1)	188	28.0	(23.7, 33.0)
	% ≥3-fold rise	184	34.2	(27.4, 41.6)	187	27.3%	(21.9, 34.3)
Serotype G3	Predose 1 GMT	189	13.3%	(10.9, 16.2)	191	14.0	(11.6, 16.9)
	Postdose 3 GMT	184	90.1	(75.0, 108.2)	188	25.4	(21.4, 30.2)
	% ≥3-fold rise	184	66.3	(59.0, 73.1)	187	34.8%	(28.0, 42.1)
Serotype G4	Predose 1 GMT	189	24.8%	(20.9, 29.3)	191	28.1	(23.9, 33.0)
	Postdose 3 GMT	184	83.3	(71.8, 96.7)	188	73.0	(63.4, 84.0)
	% ≥3-fold rise	184	54.9%	(47.4, 62.2)	187	47.6%	(40.3, 55.0)
Serotype P1A	Predose 1 GMT	189	42.8	(35.5, 51.7)	191	46.4	(38.7, 55.8)
	Postdose 3 GMT	184	124.2	(105.1, 146.8)	188	108.9	(91.0, 130.3)
	% ≥3-fold rise	184	51.6%	(44.2, 59.0)	187	42.2%	(35.1, 49.7)
Serum anti-rotavirus IgA	Predose 1 GMT	189	0.2	(0.2, 0.3)	190	0.2	(0.2, 0.3)
	Postdose 3 GMT	178	275.5	(223.9, 339.0)	186	253.3	(200.7, 319.5)
	% ≥3-fold rise	179	97.2%	(93.6, 99.1)	185	95.7%	(91.7, 98.1)
Breast Feeding Status: Never							
Serotype G1	Predose 1 GMT	130	22.4	(18.7, 26.9)	125	26.2	(22.0, 31.1)
	Postdose 3 GMT	122	120.8	(97.5, 149.6)	123	118.7	(92.0, 153.1)
	% ≥3-fold rise	122	64.8%	(55.6, 73.2)	123	59.3%	(50.1, 68.1)
Serotype G2	Predose 1 GMT	130	11.4	(9.8, 13.2)	125	15.0	(12.9, 17.3)
	Postdose 3 GMT	122	24.5	(19.9, 30.2)	123	26.6	(21.3, 33.2)
	% ≥3-fold rise	122	27.9%	(20.1, 36.7)	123	30.1%	(22.1, 39.0)
Serotype G3	Predose 1 GMT	130	10.0	(8.2, 12.2)	125	12.4	(9.9, 15.4)
	Postdose 3 GMT	122	78.4	(63.1, 97.4)	123	33.5	(26.3, 42.6)
	% ≥3-fold rise	122	68.0%	(59.0, 76.2)	123	43.1%	(34.2, 52.3)
Serotype G4	Predose 1 GMT	130	16.6	(14.1, 19.6)	125	21.5	(18.2, 25.3)
	Postdose 3 GMT	122	93.7	(80.3, 109.4)	123	85.7	(71.7, 102.4)
	% ≥3-fold rise	122	68.9%	(59.8, 76.9)	123	57.7%	(48.5, 66.6)
Serotype P1A	Predose 1 GMT	130	27.7	(22.9, 33.5)	125	34.3	(28.2, 41.8)
	Postdose 3 GMT	122	108.3	(88.2, 133.0)	123	93.9	(74.3, 118.6)
	% ≥3-fold rise	122	56.6%	(47.3, 65.5)	123	51.2%	(42.0, 60.3)
Serum anti-rotavirus IgA	Predose 1 GMT	130	0.1	(0.1, 0.2)	125	0.2	(0.1, 0.2)
	Postdose 3 GMT	122	316.3	(251.9, 397.3)	123	243.8	(185.0, 321.3)
	% ≥3-fold rise	122	98.4%	(94.2, 99.8)	123	96.7%	(91.9, 99.1)