

Supplemental Table 1 | Full RSV-F IgG ELISA Titers for Figure 9A

Expt	Immunogen	Animal Number ^A						Avg. ^A	s.d. ^A	P value ^B vs sF	P value ^B vs wtRSV
		1	2	3	4	5	6				
No. 194	sF	19.6	20.6	20.6	20.6	21.6		20.6	0.7		
	wtRSV	17.6	15.6	16.6	17.6	16.6		16.8	0.8		
	VLP-19	17.6	16.6	17.6	17.6	16.6		17.2	0.5	2.8x10 ⁻⁵ *	0.40
	VLP-93	15.6	16.6	17.6	16.6	17.6		16.8	0.8	5.5x10 ⁻⁵ *	1.0
No. 185	sF	18.6	18.6	19.6	18.6	18.6	18.6	18.8	0.4		
	wtRSV	16.6	16.6	15.6	15.6	16.6	16.6	16.3	0.5		
	VLP-75	14.6	15.6	14.6	16.6	14.6	16.6	15.4	1.0	1.7x10 ⁻⁵ *	0.096
No. 188	sF	22.3	21.3	22.3	20.3	22.3	22.3	21.8	0.8		
	wtRSV	13.6	12.6	14.6	12.6	13.6	12.6	13.3	0.8		
	VLP-87	19.9	19.9	18.9	18.9	18.9	17.9	19.1	0.8	1.4x10 ⁻⁴ *	1.6x10 ⁻⁷ †
No. 190	sF	18.6	18.6	18.6	18.6	18.6		18.6	0		
	wtRSV	13.6	9.6	12.6	10.6	10.6		11.4	1.6		
	VLP-90	7.6	9.6	12.6	10.6	7.6		9.6	2.1	1.3x10 ⁻⁵ *	0.17
No. 183	sF	17.6	17.6	17.6	17.6	17.6		17.6	0		
	wtRSV	13.6	14.6	13.6	15.6	15.6		14.6	1.0		
	VLP-97	15.6	17.6	17.6	15.6	15.6		16.4	1.1	4.0x10 ⁻² *	0.027 †

^ALog2 endpoint dilution titers are listed for individual animals as well as for average (Avg.) and standard deviation (s.d.)

^BP value compared to the sF or wtRSV controls within each experiment calculated by Student's T Test. Significant difference (p<0.05) is indicated by * and † for sF and wtRSV controls, respectively.

Supplemental Table 2 | Full RSV Microneutralization Titers for Figure 9C

Expt	Immunogen	Animal Number ^A						Avg. ^A	s.d. ^A	P value ^B vs sF	P value ^B vs wtRSV
		1	2	3	4	5	6				
No. 194	sF	7.48	10.02	10.25	6.49	11.16		9.1	2.0		
	wtRSV	6.7	6.5	6.5	7.3	6.5		6.7	0.4		
	VLP-19	3.3	3.3	5.26	8.09	9.33		5.9	2.8	0.067	0.51
	VLP-93	5.49	8.15	5.92	3.32	10.47		6.7	2.7	0.15	0.98
No. 185	sF	10.4	7.6	10.3	9.7	10.9	11.1	10.0	1.3		
	wtRSV	4.9	4.9	6.3	4.9	6.5	4.9	5.4	0.8		
	VLP-75	3.3	3.3	5.8	3.3	7.7	4.9	4.7	1.8	1.6x10 ⁻⁴ *	0.41
No. 188	sF	8.1	8.1	8.7	8.1	8.1	10.1	8.5	0.8		
	wtRSV	4.1	4.3	4.9	4.9	4.9	3.3	4.4	0.6		
	VLP-87	12.3	5.8	10.6	4.9	4.9	4.9	7.2	3.3	0.37	0.068
No. 190	sF	10.41	10.9	12.8	10.2	10.3		10.9	1.1		
	wtRSV	4.9	3.3	3.3	4.9	4.9		4.3	0.9		
	VLP-90	3.32	7.2	3.3	3.3	3.3		4.1	1.7	7.2x10 ⁻⁵ *	0.84
No. 183	sF	9.7	11.4	11.4	12.8	8.1		10.7	1.8		
	wtRSV	4.9	6.5	4.9	4.7	4.8		5.2	0.8		
	VLP-97	9.7	4.9	12.2	5.5	9.4		8.3	3.1	0.18	0.055

^ALog₂ endpoint dilution titers are listed for individual animals as well as for average (Avg.) and standard deviation (s.d.)

^BP value compared to the sF or wtRSV controls within each experiment calculated by Student's T Test. Significant difference (p<0.05) is indicated by * and † for sF and wtRSV controls, respectively.

Supplemental Table 3 | Full RSV Lung Titers for Figure 9D

Expt	Immunogen	Animal Number ^A						Avg. ^A	s.d. ^A	P value ^B vs sF	P value ^B vs wtRSV
		1	2	3	4	5	6				
No. 194	sF	1.3	1.1	1.2	1.3	1.2		1.2	0.1		
	wtRSV	1.1	1.2	1.0	0.9	1.1		1.1	0.1		
	VLP-19	2.7	2.9	1	1.1	1		1.7	1.0	0.27	0.16
	VLP-93	1.1	1.6	1.8	2.4	1.1		1.6	0.5	0.16	0.061
No. 185	sF	1.2	1.1	1.1	1.1	1.2	1.3	1.2	0.1		
	wtRSV	1.3	1.0	1.1	1.1	1.1	1.1	1.1	0.1		
	VLP-75	4.2	2	1.8	1.3	1.1	5.3	2.6	1.7	0.067	0.059
No. 188	sF	1.1	1.1	1.1	1.1	1.2	1.2	1.1	0.1		
	wtRSV	1.1	1.1	1.2	1.1	1.2	1.2	1.0	0.1		
	VLP-87	1.3	1.4	1.0	3.4	3.0	1.8	2.0	1.0	0.061	0.065
No. 190	sF	0.8	0.9	0.9	0.9	1.0		0.9	0.1		
	wtRSV	1.0	0.8	2.6	0.8	1.0		1.2	0.8		
	VLP-90	0.9	1.9	0.9	1.1	0.9		1.1	0.4	0.26	0.81
No. 183	sF	1.1	1.1	1.1	1.1	1.1		1.1	0		
	wtRSV	1.1	1.1	1.1	1.1	1.1		1.1	0		
	VLP-97	2.7	2.4	3.1	2.7	1.1		2.4	0.8	0.0054 *	0.005 †

^ALog10 endpoint dilution titers are listed for individual animals as well as for average (Avg.) and standard deviation (s.d.)

^BP value compared to the sF or wtRSV controls within each experiment calculated by Student's T Test. Significant difference (p<0.05) is indicated by * and † for sF and wtRSV controls, respectively.