Supplemental Table 1. Surveillance during post-immunization RSV seasons: clinical outcomes and serologic responses in vaccinees and placebo recipients

							Illness (days)										Serum RSV neutralizing antibody (1/log2)						
																	Inoculation			Surveillance			
Subject number	Date of inoculation	Age at inoculation (months)	Date of NW specimen	Age at illness (months)	Fast Track PCR	RSV Type	Fever	URI	LRI	Lowest pulse oximetry reading	Cough	OM	Other	All-cause MAARI	All-cause MAALRI		Pre	Post	≥4 fold rise	Pre	Post	≥4 fold rise	wt RSV detected
Vaccine recipients																							
322.16	06/15/2018	N/A	N/A	NA	0		0	0	0	0	0	0	0	0	0		2.3	7.3	1	8.1	7.0	0	0
322.18	07/06/2018	N/A	N/A	NA	0		0	0	0	0	0	0	0	0	0		2.3	5.9	1	6.7	7.0	0	0
322.20	07/11/2018	N/A	N/A	NA	0		0	0	0	0	0	0	0	0	0		2.3	6.7	1	7.1	10.4	1	0
322.21	07/13/2018	21	12/10/2018	26	cor43,RSV(150)	B	103.4[3](147-148)	R(143-153)[2]	0	NT	0	(147-157)[2]	0	1	0		2.3	6.9	1	6.2	9.4	1	1
			01/11/2019	27	rhino(182)		103.0[3](181-184)	R(179-184)[2]	0	97%	0	0	UTI(184-191)[2]										
322.22	07/20/2018	9	02/15/2019	16	Flu-A,cor63(210)		101.0[1](202-208)	0	0	100%	0	0	0	1	0		2.3	6.4	1	5.0	6.4	0	0
322.24	08/08/2018	7	N/A	NA	0		0	0	0	0	0	0	0	0	0		2.3	7.3	1	7.3	7.5	0	0
322.26	08/15/2018	24	N/A	NA	0		0	0	0	0	0	0	0	0	0		4.9	6.9	1	6.9	9.5	1	0
322.27	08/27/2018	6	02/21/2019	12	rhino(178)		0	R(177)[2]	0	100%	0	0	NC(175-181)[2]	1	0		2.3	4.5	1	4.5	4.5	0	0
322.28	09/07/2018	21	01/09/2019	25	neg(124)		104.5[2](114-117)	R(107-119)[2] Strep Ph(117-126)[2]	0	NT	0	0	0	1	0		2.3	8.2	1	8.2	13.2	1	1
			03/01/2019	27	RSV(175)	B	101.7[2](170-171)	R(168-185)[2]	0	97%	(169-176)[2]	(171-182)[2]	0										
322.29	09/14/2018	14	N/A	NA	0		0	0	0	0	0	0	0	0	0		2.3	7.6	1	7.6	6.6	0	0
322.32	10/01/2018	7	11/28/2018	9	cor43(58)		102.0[2](57)	R(43-66)[2]	0	NT	0	(57-66)[2]	0	1	1		3.7	4.2	0	4.2	12.3	1	1
			12/12/2018	10	rhino(72)		102.0[2](69-70)	R(67-85)[2]	0	NT	0	(70-79)[2]	0										
			01/04/2019	10	neg(95)		0	0	0	NT	(92-97)[2]	0	NC(87-102)[2]										
			02/05/2019	11	cor229,RSV(127)	A	101.8[2](125-129)	0	Wh(125-135)[2]	96%	(125-133)[2]	0	0										
			03/29/2019	13	rhino,boca(179) neg(184)		0	R(160-181)[2]	Wh(178-191)[2]	99%	(178-182)[2]	0	NC(160-181)[2]										
322.33	10/05/2018	6	12/05/2018	8	RSV(61)	A	0	R(59-67)[2]	bronchiolitis(61-66)[2]	97%	(59-67)[2]	0	0	1	1		3.5	7.4	1	7.4	9.3	0	1
322.35	10/15/2018	9	N/A	NA	0		0	0	0	0	0	0	0	0	0		2.3	5.9	1	5.9	4.5	0	0
322.36	10/24/2018	7	12/12/2018	8	neg(49)		0	0	Wh(45-55)[2] rhonchi(49-55)[2]	NT	(42-55)[2]	0	0	1	1		3.6	5.8	1	5.8	4.9	0	0
			01/03/2019	9	cor229,cor43(71)		0	0	0	NT	0	(63-73)[2]	0										
322.37	10/22/2018	13	N/A	NA	0		0	0	0	0	0	0	0	0	0		2.3	5.3	1	5.3	5.1	0	0
322.38	10/24/2018	13	N/A	NA	0		0	0	0	0	0	0	0	0	0		2.3	7.1	1	7.1	6.8	0	0
322.41	08/05/2019	16	N/A	NA	0		0	0	0	0	0	0	0	0	0		2.3	7.2	1	NS	NS	NS	0
322.42	08/09/2019	15	11/26/2019	19	neg(109)		103.7[3](107-108)	R(104-114)[2]	0	NT	0	(108-117)[2]	0	1	0								
			NS	23	0		0	R(213-220)[2]	0	NT	0	(216-225)[2]	0				5.4	6.7	0	NS	NS	NS	0
322.43	08/09/2019	13	11/07/2019	16	rhino,boca(90)		0	R(71-121)[2]	0	100%	(82-119)[2]	0	0	1	0		2.3	5.3	1	NS	NS	NS	0
322.45	09/27/2019	14	N/A	NA	0		0	0	0	0	0	0	0	0	0		2.3	7.6	1	NS	NS	NS	0
Subjects	20						9	12	4		7	7	4			Average:	2.8	6.5		6.5	7.8		
																SD:	0.9	1.1		1.2	2.7		
														9/20	3/20				18/20			5/16	4/20
																%			90			31	20
Placebo recipients																							
322.17	06/22/2018	***	01/03/2019	16	neg(195)		102.1[2](193)	R(191-200)[2]	0	NT	0	(194-204)[2]	conjunctivitis(191-204)[2]	1	0		2.3	2.3	0	2.3	2.3	0	0
322.19	07/11/2018	16	N/A	NA	0		0	0	0	0	0	0	0	0	0		2.3	2.3	0	2.3	2.3	0	0
322.23	08/03/2018	8	04/03/2019	16	rhino(243)		0	R(237-248)[2]	0	NT	0	(237-248)[2]	0	1	0		3.6	2.3	0	2.3	2.3	0	0
322.25	08/13/2018	8	02/15/2019	14	boca,RSV(186)	A	103.5[3](185)	R(185-194)[2]	0	99%	(166-195)[2]	0	0	1	0		3.5	2.3	0	2.3	9.4	1	1
322.30	09/14/2018	6	11/09/2018	8	rhino(56)		0	R(54-58)[2]	0	97%	(51-55)[2]	(54-64)[2]	NC(51-55)[2]	1	1		4.9	3.7	0	3.7	7.3	1	1
			12/07/2018	9	rhino(84)		0	R(79-83)[2]	0	97%	(79-83)[2]	(81-91)[2]	NC(79-83)[2]										
			12/21/2018	10	RSV(98)	B	0	R(94-115)[2]	0	NT	(94-115)[2]	(95-115)[2]	0										
			01/24/2019	11	cor43(132)		0	R(121-131)[2]	0	97%	(121-139)[2]	(129-136)[2]	NC(119-139)[2]										
			03/08/2019	12	boca,HMPV(175)		0	R(162-195)[2]	rhonchi(173-176)[2]	99%	(162-195)[2]	(173-180)[2]	0										
322.31	09/24/2018	17	11/08/2018	19	Para-2(45)		0	R(42-44)[2]	0	NT	(42-49)[2]	0	0	1	0		2.3	3.7	0	3.7	8.4	1	0
322.34	10/10/2018	17	N/A	NA	0		0	0	0	0	0	0	0	0	0		2.3	2.3	0	2.3	7.3	1	0
322.39	05/01/2019	17	12/12/2019	24	corHKU(225)		101.4[1](223)	R(223-232)[2]	0	NT	0	0	0	1	0		2.3	2.3	0	2.3	NS	NS	0
322.40	07/24/2019	15	12/04/2019	20	RSV(133)	A	0	R(112-122)[2]	0	96%	(112-122)[2]	0	0	1	1		2.3	2.3	0	2.3	NS	NS	0
			02/07/2020	22	neg(198)		0	0	0	96%	(194-221)[2]	0	0										
			02/21/2020	22	HMPV(212)		101.9[2](209-210)	R(207-218)[2]	0	95%	0	0	0										
			02/24/2020	22	HMPV(215)		0	0	Wh(212-214)[2] rales(215-217)[2]	NT	0	0	0										
322.44	08/16/2019	9	N/A	NA	0		0	0	0	0	0	0	0	0	0		3.3	2.3	0	NS	NS	NS	0
Subjects	10						4	12	2		9	7	4			Average:	2.9	2.6		2.6	5.6		
																SD:	0.9	0.6		0.6	3.2		
														7/10	2/10				0/10			4/7	2/10
																%			0			57	20

( )=study day(s) with indicated symptom; ( )[1] superscript =illness severity grading. flu= influenza, cor=coronavirus, rhino=rhinovirus, boca=bocavirus, HMPV=human metapenumovirus, para=parainfluenza virus, R=rhinorrhea, Wh=wheezing, NC=nasal congestion, N/A=not applicable, NS = no sample obtained, NT=not taken