

**Supplementary TABLE 5. Characteristics of the patient population.**

<b>Subject ID</b>	<b>Age (months)</b>	<b>Ethnicity - Race</b>	<b>Sex</b>	<b>Condition</b>	<b>Disease score</b>
53	9.2	Caucasian	M	RSV	4
56	2.0	Hispanic	F	RSV	7
119	6.6	Hispanic	M	RSV	8
126	7.9	Hispanic	M	RSV	13
127	2.6	Hispanic	F	RSV	8
134	1.2	African-american	M	RSV	13
137	1.7	Hispanic	M	RSV	15
138	2.2	Hispanic	M	RSV	1
140	3.2	African-american	M	RSV	1
141	31.5	Hispanic	F	RSV	4
142	13.6	Hispanic	F	RSV	4
144	3.8	African-american	M	RSV	8
145	2.8	Hispanic	M	RSV	1
231	8.7	Hispanic	M	RSV	2
234	1.4	Other	M	RSV	3
236	5.2	Hispanic	F	RSV	5
238	0.7	Hispanic	M	RSV	13
240	0.9	Caucasian	M	RSV	13
243	1.8	Hispanic	F	RSV	9
246	0.9	Hispanic	F	RSV	1
280	1.9	Hispanic	F	RSV	2
283	3.5	Hispanic	F	RSV	2
285	4.0	Hispanic	M	RSV	1
292	1.8	White	F	RSV	1
296	1.6	Black	M	RSV	2
307	2.9	Other	F	RSV	9
312	1.5	Hispanic	F	RSV	7
313	1.8	Hispanic	M	RSV	14
314	1.7	Hispanic	F	RSV	4
317	1.4	Hispanic	F	RSV	14
322	2.5	Black	F	RSV	2
324	0.9	Hispanic	F	RSV	13
443	16.7	Black	F	RSV	6
492	1.2	Caucasian	M	RSV	7
495	0.9	Hispanic	M	RSV	6
497	2.3	Hispanic	F	RSV	15
498	8.4	Black	F	RSV	15
499	1.6	Black	M	RSV	2

501	2.4	Black	M	RSV	1
506	0.5	Hispanic	M	RSV	6
508	4.4	Hispanic	M	RSV	7
510	0.7	Hispanic	F	RSV	0
511	2.0	Hispanic	F	RSV	2
514	0.3	Hispanic	F	RSV	2
515	2.6	Hispanic	F	RSV	1
516	2.1	Hispanic	F	RSV	1
526	1.9	Caucasian	M	RSV	3
528	1.7	Hispanic	F	RSV	0
545	2.0	African-american	F	RSV	6
546	9.7	Other	M	RSV	1
569	13.8	Caucasian	F	RSV	7
19N	3	Hispanic	M	Control for RSV	N/A
25N	11	Hispanic	F	Control for RSV	N/A
27N	10	Caucasian	M	Control for RSV	N/A
162	5	Caucasian	F	Control for RSV	N/A
174	8	African-american	M	Control for RSV	N/A
392	10	Black	M	Control for RSV	N/A
409	6	Caucasian	M	Control for RSV	N/A
462	0.5	Hispanic	M	Control for RSV	N/A
482	7.5	Hispanic	M	Control for RSV	N/A
483	6	Hispanic	F	Control for RSV	N/A
87	19	Hispanic	F	Influenza	3
92	1.25	Hispanic	F	Influenza	0
95	48	Hispanic	M	Influenza	1
101	4	Hispanic	M	Influenza	13
104	17	Hispanic	M	Influenza	1
105	48	Hispanic	F	Influenza	1
107	1.5	Other	M	Influenza	0
108	5	Hispanic	M	Influenza	2
112	0.75	Hispanic	M	Influenza	1
114	18	African-american	F	Influenza	2
128	11	Hispanic	F	Influenza	5
132	6	Hispanic	M	Influenza	13

259	4	Hispanic	F	Influenza	5
311	1.25	Hispanic	M	Influenza	1
320	0.5	Hispanic	F	Influenza	0
517	18	Hispanic	F	Influenza	5
519	1.5	Hispanic	F	Influenza	2
524	72	Hispanic	M	Influenza	2
527	1.5	Black	M	Influenza	1
530	4.5	Hispanic	M	Influenza	2
532	1.25	Hispanic	F	Influenza	2
533	132	Caucasian	F	Influenza	1
536	24	Hispanic	F	Influenza	1
540	0.75	Hispanic	M	Influenza	1
542	0.5	Hispanic	F	Influenza	2
553	18	Caucasian	F	Influenza	N/A
560	120	Black	F	Influenza	N/A
572	48	Hispanic	M	Influenza	N/A
391	18	Caucasian	F	Control for Influenza	N/A
392	10	Black	M	Control for Influenza	N/A
397	20	Hispanic	M	Control for Influenza	N/A
403	28	Caucasian	M	Control for Influenza	N/A
408	24	Caucasian	M	Control for Influenza	N/A
414	13	Hispanic	F	Control for Influenza	N/A
3N	72	Hispanic	M	Control for Influenza	N/A
7N	19	African-american	F	Control for Influenza	N/A
19N	3	Hispanic	M	Control for Influenza	N/A
25N	11	Hispanic	F	Control for Influenza	N/A
27N	10	Caucasian	M	Control for Influenza	N/A
45	48	Other	F	Control for Influenza	N/A