

Online Table I: Characteristics of children hospitalized with bronchiolitis, n=100

Characteristics	n	%
Age in months, median (IQR)	55	3.4 (1.2-7.9)
Male	64	64
Race		
White	58	58
Black	22	22
Other or missing	20	20
Hispanic	36	36
Gestational age, weeks		
<32	6	6
32-36.9	16	16
≥37 or 'full term'	78	78
Either parent with history of asthma	39	39
Maternal smoking during pregnancy	10	10
Child exposed to environmental tobacco smoke	4	4
Breastfed	70	70
History of wheeze	18	18
Taken antibiotic during week preceding pre-admission visit	22	22
Wheeze during pre-admission visit*	59	61
Virology:		
RSV only	71	71
HRV only	16	16
RSV and HRV	5	5
Inpatient:		
ICU stay during inpatient visit	35	35
LOS in days, median (IQR)	100	2 (2-4)

Abbreviations: IQR, interquartile range; RSV, respiratory syncytial virus; HRV, human rhinovirus; ICU, intensive care unit; LOS, length of stay.

*Three subjects excluded from count due to missing data regarding the presence of wheeze during pre-admission visit.

Online Table II: Mean relative abundance of genera present in children with severe bronchiolitis with acute wheezing on admission compared to those who did not have acute wheezing on admission

Genus	% Abundance- Wheeze	% Abundance- No Wheeze	P-value	Q-value
<i>Moraxella</i>	10.30%	3.64%	0.01	0.16
<i>Prevotella</i>	2.93%	0.85%	0.04	0.35
<i>Porphyromonas</i>	1.09%	0.27%	0.03	0.35
<i>Staphylococcus</i>	0.18%	0.62%	0.01	0.16
<i>Leptotrichia</i>	0.22%	< 0.005%	0.001	0.02