S**upplemental Digital Content 3. Monthly data of viral data in cases and controls.** Top graph shows case data and bottom graph shows control data. Numbers of viruses detected are listed by months for the entire population to show the distribution over the year. Increased viral detections correspond to peaks in wheezing incidence corresponding with Australian winter months (June-August).

Number of virus per month

Controls: viral detection per month

40

35

30

25

20

15

10

5

0

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

(n=2) (n=8) (n=12) (n=10) (n=23) (n=31) (n=23) (n=71) (n=13) (n=13) (n=2) (n=1)

HRV-A

HRV-B

HRV-C

HRV untypeable

RSV

Bord

No pathogen

Number of virus per month

Controls: viral detection per month

40

35

30

25

20

15

10

5

0

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

(n=2) (n=8) (n=12) (n=10) (n=23) (n=31) (n=23) (n=71) (n=13) (n=13) (n=2) (n=1)

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No pathogen