A549 - hRSV N hIFIT2 b a 0.062 0.25 16 256 1024 0.062 0.25 16 64 256 1024 bRSV ΔNS1 bRSV ΔNS1 MOI 0.001 24 HPI 0.194 MOI 0.001 24 HPI 0.043 bRSV ΔNS2 bRSV ΔNS2 MOI 0.01 24 HPI MOI 0.01 24 HPI 0.032 0.144

d

1024

0.319

0.709

0.387

2¹⁰

0.027

0.111

0.038

10⁸

10¹⁰

bRSV ΔNS1/2

bRSV ANS1

bRSV ΔNS2

MOI 0.001 24 HPI

MOI 0.01 24 HPI

bRSV ΔNS1/2

MOI 0.001 24 HPI

2-4

0.062

2-4

2-2

0.25

2-2

22

Fold Change

hIFIT5

Fold Change

16

 2^6

64

2⁶

256

0.023

2¹⁰

1024

0.413

0.084

0.505

2¹⁰

MOI 0.001 24 HPI

A549 Cell Rsponses to low MOI bRSV ANS#

bRSV ΔNS1/2 MOI 0.001 24 HPI 0.343 2-4 2-2

hIFIT3

Fold Change

bRSV N

Fold Change

16

C

e

bRSV ΔNS1

bRSV ΔNS2

MOI 0.001 24 HPI

MOI 0.01 24 HPI

bRSV ΔNS1/2

bRSV ΔNS1 MOI 0.001 24 HPI

bRSV ΔNS2 MOI 0.01 24 HPI

bRSV ΔNS1/2 MOI 0.001 24 HPI

MOI 0.001 24 HPI

0.062

2-4

10⁰

10²

0.25

2-2

2¹⁰ 2⁶ 2^4 **Fold Change**

64

 2^6

10⁶

256