hIFIT1 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 bRSV ΔNS1/2 bRSV ΔNS1/2 MOI 0.001 24 HPI MOI 0.001 24 HPI 0.023 AZ

256

1024

0.319

0.709

0.387

2¹⁰

0.027

0.111

0.038

10⁸

10¹⁰

A549 Cell Responses to low MOI bRSV ΔNS#

2⁻⁴ 2⁻² 2⁰ 2² 2⁴ 2⁶ 2⁸ 2¹⁰
Fold Change
hIFIT3

Fold Change

bRSV N

Fold Change

16

64

2⁶

10⁶

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}



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

 2^6

256

2¹⁰

1024

0.413

0.084

0.505

2¹⁰