Supplemental figure 1

A

TLR-7 Signaling

IFN-α

IFN-β

IFN-λ

Days Post-infection

B

MAVS Signaling

Days Post-infection

C57BL/6  MAVS⁺/⁻
Supplemental figure 2
Supplemental figure 3

![Graph showing log_{10} PFU/ml over hours post-infection for hDPP4 and C57BL/6.](image-url)
Supplemental figure 4

A

Days Post-infection

Days Post-infection

% Initial Weight

Total IFN-γ+ CD4 T Cells X 10^4

Total IFN-γ+ CD8 T Cells X 10^4

PBS treated (n=5)

rIFN-β treated (2dpi, n=5)

rIFN-β treated (4dpi, n=5)

B

% Initial Weight

Percent survival

Total IFN-γ+ CD4 T Cells X 10^4

Total IFN-γ+ CD8 T Cells X 10^4

7 Days Post-infection

PBS treated

rIFN-β treated (1dpi)

rIFN-β treated (2dpi)
Supplemental Table 1. Upregulated genes in lungs from delayed rIFN-β-treated mice compared to controls.

<table>
<thead>
<tr>
<th>Genes Upregulated</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thbs1</td>
<td>Cell-matrix interaction and platelet aggregation</td>
</tr>
<tr>
<td>Serpine1</td>
<td>Complement and Coagulation</td>
</tr>
<tr>
<td>Orm1</td>
<td>Acute phage reactant</td>
</tr>
<tr>
<td>Areg and Ereg</td>
<td>MAPK and PI3K signaling</td>
</tr>
<tr>
<td>IL11 and IL20</td>
<td>B cell, Megakaryocyte and hematopoietic cell proliferation</td>
</tr>
<tr>
<td>Marco</td>
<td>Macrophage Scavenger Receptor</td>
</tr>
<tr>
<td>Cepbd</td>
<td>Inflammation and macrophage activation</td>
</tr>
<tr>
<td>Krt79</td>
<td>Epithelial cell integrity</td>
</tr>
</tbody>
</table>