

## *Supplementary Material*

KEY RESOURCES TABLE

REAGENT or RESOURCE	SOURCE	IDENTIFIER
<b>Bacterial and virus strains</b>		
Influenza A/PR/8/1934 (H1N1)	The paper	N/A
Brucella <i>Suis</i> strain S2	AOLONG	Cat#CVCC70502
<b>Chemicals, peptides, and recombinant proteins</b>		
TPCK-treated trypsin	Sigma	Cat#4370285
BBL™ Trypticase™ Soy Agar	BD	Cat#211043
BBL™ Trypticase™ Soy Broth	BD	Cat#257107
Brucella selective supplement	CBMORE	Cat#CS1901
Brucella Medium Base	CBMORE	Cat#CB001138
RNAprep Pure Tissue Kit	Tiagen	Cat#DP431
First-strand cDNA Synthesis Supermix	Transcript	Cat#AT301
PowerUp™ SYBR™ Green Master Mix	Thermo Fisher	Cat#A25741
BCA Protein Assay Kit	Genstar	Cat#E162-05
Direct-load Color Prestained Protein Marker	Genstar	Cat#M221-10
HRP-conjugated GAPDH Monoclonal antibody	Proteintech	Cat#HRP-60004
GSDMD Polyclonal antibody	Proteintech	Cat#20770-1-AP
NLRP6 Polyclonal antibody	Immunoway	Cat#YN4671
pre-cast polyacrylamide BisTris gel	Solarbio	N/A
Goat Anti-Rabbit IgG H&L (HRP)	Abcam	Cat#ab6721
Mouse TNF- $\alpha$ (Tumor Necrosis Factor Alpha) ELISA Kit	elabscience	Cat#E-EL-M3063
Mouse IL-18(Interleukin 18) ELISA Kit	elabscience	Cat#E-EL-M0730c
Mouse IL-1 $\beta$ (Interleukin 1 Beta) ELISA Kit	elabscience	Cat#E-EL-M0037c
<b>Experimental models: Cell lines</b>		
Canine: MDCK (NBL-2) cells	ATCC	Cat#CCL-34
<b>Experimental models: Organisms/strains</b>		
Mouse: C57BL/6N	This paper	N/A
Mouse: NLRP6 <sup>-/-</sup> C57BL/6N	This paper	N/A
<b>Oligonucleotides</b>		
Primers	Table S1	N/A

Software and algorithms		
SPSS 22	IBM	<a href="https://www.ibm.com/cn">https://www.ibm.com/cn</a>
GraphPad 9.0	OriginLab	<a href="https://www.graphpad.com/scientific-software/prism">https://www.graphpad.com/scientific-software/prism</a>

Table S1: The primers used for q-PCR.

Gene	Forward primer	Reverse primer
Influenza M1	5'-aagaccaatcctgtcacctctg-3'	5'-caaaacgtctacgctgcagtcc-3'
GAPDH	5'-aggtcgggtgtgaacggatttg-3'	5'-ttagaccatgtagttgaggta-3'
NLRP6	5'-agtttagccagaaagga-3'	5'-ccagtgtagccataagcag-3'
GSDMD	5'-gaattcatgccatcggcctttgag-3'	5'-ggatccatctgacaggagactgagc-3'
IL-1 $\beta$	5'-gccagtgaatgatggcttatt-3'	5'-aggagcacttcattctgttagg-3'
IL-18	5'-actgtacaaccgcagtaatacgc-3'	5'-agtgaacattacagatttatccc-3'