

**Table S1** Plasmids used in this study

Plasmid	Reference
p3xFLAG-N-CMV-10	<a href="https://doi.org/10.3390/v13102048">doi.org/10.3390/v13102048</a>
Flag-RIG-I	<a href="https://doi.org/10.3390/v13102048">doi.org/10.3390/v13102048</a>
LC3-GFP-mCherry	<a href="https://doi.org/10.1080/15548627.2020.1725375">doi.org/10.1080/15548627.2020.1725375</a>
pCMV-mCherry-p62	<a href="https://doi.org/10.1074/jbc.M702824200">doi.org/10.1074/jbc.M702824200</a>
IFN- $\beta$ luciferase reporter	<a href="https://doi.org/10.3390/v13102048">doi.org/10.3390/v13102048</a>
NF- $\kappa$ B luciferase reporter	<a href="https://doi.org/10.3390/v13102048">doi.org/10.3390/v13102048</a>
pRL-TK luciferase reporter	<a href="https://doi.org/10.3390/v13102048">doi.org/10.3390/v13102048</a>

**Table S2** Sequence of siRNA used for canine RIG-I

Primer	Sequence of oligonucleotides (5' → 3')
psiRIG-I-2	TGAGTAAGTTACACCCTAA

**Table S3** Antibodies used in this study

Antibody	Company	Host species	Catalog number	Dilution
RIG-I	Prepared by our lab	Rabbit	None	1:2000
Flag tag	GeneTex	Mouse	GTX82562	1:1000
IAV NP	GeneTex	Rabbit	GTX125989	1:1000
LC3B	Abcam	Rabbit	AB192890	1:2000
Alexa Fluor® 680	Abcam	Goat	AB175781	1:5000
Alexa Fluor® 790	Abcam	Goat	AB175781	1:5000

**Table S4** Primer sets used for qPCR in this study

Primer	Sequence of oligonucleotides (5' → 3')
PTPN22	ACAACTGTGGCTGAGAAGCCCA
	GTAGCTGGAATCCTCATCAGAGG
UBA7	GAACTCTTCCGACTGTCTGCAG
	AGTCTTGCCAGTTCTGTGGACG
RASD2	GACATCCTGGATACCTCTGGCA
	CGGTTATCCAGGCTGAACACCA
PRKN	CCAGAGGAAAGTCACCTGCGAA
	CTGAGGCTTCAAATACGGCACTG
SMAD7	TGTCCAGATGCTGTGCCTTCCT
	CTCGTCTTCTCCTCCCAGTATG
TRIM72	TGCGTAAGGAGAAGAGTGTGGC
	AGCCAGGAACACCCGCATCTTG
OTUD7B	TCTCAGAGGCTGCTTCCTTTGG
	CGCCTTTTCAACGCTTCCTTCTC
SIRT2	CTGCGGAACTTATTCTCCCAGAC
	CCACCAAACAGATGACTCTGCG
BFAR	AGGCTGAGTCTGCTCTACCTGT
	ACTGCTTCCACGTAGGCTCCTT