

## Supplementary Materials

**Table S1.** The sequences of siRNA used in this study.

Gene name	siRNA sequence (sense) (5'–3')	siRNA sequence (anti-sense) (5'–3')
siDDX21-1	CCCUUUGAUUGAGAAACUUTT	AAGUUUCUCAAUCAAGGGTT
siDDX21-2	GGACACCAGGUCGUUAUAATT	UUAUACGACCUGGUGUCCTT
siDDX21-3	GCAACUGGGUGAGGAUAUUTT	AAUAUCCUCACCCAGUUGCTT
siNegative control	ACGUGACACGUUCGGAGAATT	UUCUCCGAACGUGUCACGUTT

**Table S2.** The primer sequences for qRT-PCR.

Gene name	Forward primer sequence (5'–3')	Reverse primer sequence (5'–3')
PRRSV-nsp9	ACCCTAGGACCTGTGAAC	GGCGAGTAACTTAGGAGATG
pDDX21	CTTCTCAAAGCCCGTGGAGT	GTCTTCCCAGTTCCTGTCCG
pGAPDH	CTTCCTGGGCATGGAGTCC	GGCGCGATGATCTTGATCTTC
hDDX21	AAACTCCGTAGTGACGCTGG	TCAACTTCAGAAGGCTCTGCTT
hGAPDH	TCATGACCACAGTCCATGC	GGATGACCTTGCCCACAGCC
mDDX21	TCATCAAGGACGCACTATCATCT	CCTTTCAGGGTGATTTCCCTTT
mGAPDH	TCATGACCACAGTCCATGCC	GGATGACCTTGCCCACAGCC