

TABLE S1 Sequences of primers used in the real-time qPCR assay.

| Primer name | Sequence (5' – 3') |
|------------------|-------------------------|
| IFN- β -F | TCTACAGAGCCTTGCCTGCAT |
| IFN- β -R | TGTCGGTGTCCAAAAGGATGT |
| IL-6-F | TTCGACGAGGAGAAATGCTT |
| IL-6-R | CCTTATCGTCGTTGCCAGAT |
| Mx-F | TGCTGTCCTTCATGACTTCG |
| Mx-R | GCTTTGCTGAGCCGATTAAC |
| OASL-F | TCTTCCTCAGCTGCTTCTCC |
| OASL-R | ACTTCGATGGACTCGCTGTT |
| cGAS-F | ATATCTGAGCCAAACGAGT |
| cGAS-R | TCGGCTGATAATTTCCGTCT |
| STING-F | CCACATCTTGATCCCGCTGA |
| STING-R | ATTGCGTAGAGGCTGTGCTT |
| TBK1-F | AAAACTGGGGATTTATATGCT |
| TBK1-R | CCATCACTAGTACTTTGTGCCTA |
| IRF7-F | AACATCTCCAACACTGACCC |
| IRF7-R | CTCCTGGGATGGTTTGCTCC |
| β -actin-F | GATCACAGCCCTGGCACC |
| β -actin-R | CGGATTCATCATACTCCTGCTT |
| DEV-UL30-F | TTTCCTCCTCCTCGCTGAGTG |
| DEV-UL30-R | CCAGAAACATACTGTGAGAGT |
| HVT-UL30-F | TGCAGAACAAAGAGTATTCCGTA |
| HVT-UL30-R | CATCCCCTATCTTTACTAGCC |
| GAPDH-F | GTCAACGGATTTGGCCGTAT |
| GAPDH-R | CCACTTGGACTTTGCCAGAGA |

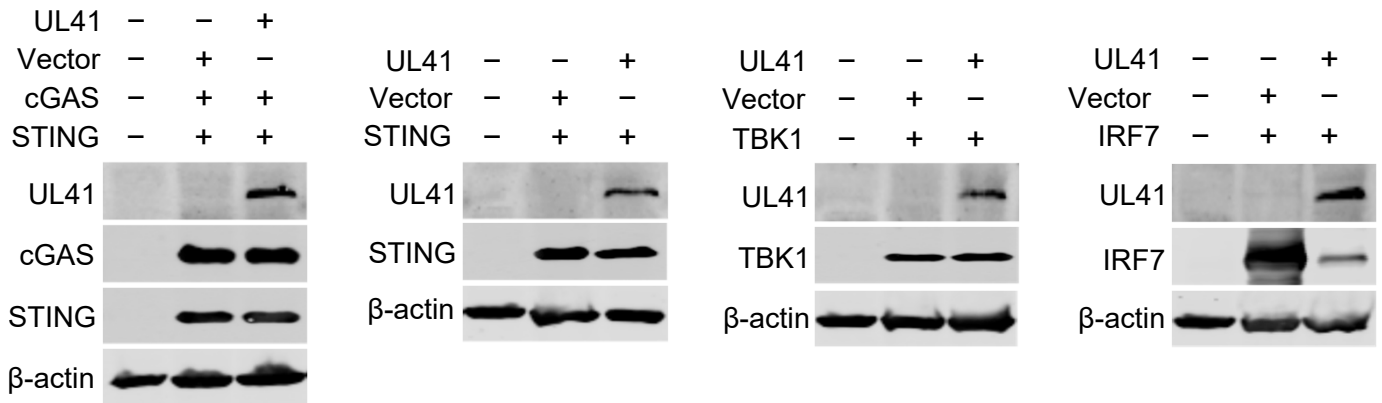


FIG S1 Western blotting detection of cGAS, STING, TBK1, IRF7, and UL41 expression in DEFs. DEFs were cotransfected with IFN- β -luc reporter, pRL-TK, and cGAS-HA, STING-HA, TBK1-HA, or IRF7-HA along with empty vector or UL41-Flag expression plasmid as indicated. Cells were harvested 36 h after transfection and subjected Western blotting. The expression of cGAS, STING, TBK1, and IRF7 in the transfected cells were detected with anti-HA antibodies, and the UL41 expression was detected with anti-Flag antibody. The expression of β -actin was also detected with anti- β -actin antibody.