

Table S1. Primers used in this study.

Name	Sequence (5'→3')	Purpose
pCMV-HA/Myc-Cyp19a1a-F	CGGGGTACCATGGCAGGTGATCTGCTCCAGCCCTGT GG	Eukaryotic expression
pCMV-HA/Myc-Cyp19a1a-R	AAGGAAAAAAGCGGCCGCTCAGAGAGTGTCTTCTGA GGATAAGCTGC	
pCMV-Tag2c-cyp19a1a-F	GATATCAAATGGCAGGTGATCTGCTCCAGCCCTGTG G	
pCMV-Tag2c-Cyp19a1a-R	ACGCGTCGACTCAGAGAGTGTCTTCTGAGGATAAGCT GC	
mCherry-Cyp19a1a-F	CGCGGATCCGCCACCATGGCAGGTGATCTGCTCC	
mCherry-Cyp19a1a-R	CCCATCGATGAGAGTGTCTTCTGAGGATAAG	
EGFP-Cyp19a1a-F	CTAGCTAGCATGGCAGGTGATCTGCTCCAGCCCTGT GG	
EGFP-Cyp19a1a-R	CGGGGTACCGAGAGTGTCTTCTGAGGATAAGCTGC	
pCMV-Myc/Tag2C- ATG14-F	CGGAATTCCG ATGGCTTGTCCCTCAACAGGC	
pCMV-Myc/Tag2C-ATG14-R	CCCTCGAGTCAGCGCTGGCCTGTGTAGGC	
DsRed-MAVS-F	CGCGGATCCGCCACCATGTCACTGACACGTGAGC	
DsRed-MAVS-R	CCCATCGATATGATTGAGCTTCCAG	
DsRed-TBK1-F	CGCGGATCCGCCACCATGCAGAGTACGGCCAAT	
DsRed-TBK1-R	CCGGAATTCCGCATCCGCTCCACTG	
DsRed-MITA-F	CGCGGATCCGCCACCATGTCTGTGATGGGAG	
DsRed-MITA-R	CCGGAATTCCGGTTTTGTTTCATTGC	
pCMV-Myc/Tag2C-MAVS-F	CCGCTCGAGCGATGTCACTGACACGTGAGC	
pCMV-Myc/Tag2C-MAVS-R	ATTTGCGGCCGCTTAATGATTGAGCTTCCAG	
pCMV-Myc/Tag2C-TBK1-F	CGCGGATCCCGATGCAGAGTACGGCCAAT	
pCMV-Myc/Tag2C-TBK1-R	AACTCGAGTCACATCCGCTCCACTG	
pCMV-Myc/Tag2C-MITA-F	CCGGAATTCCGATGTCTGTGATGGGAGAA	

pCMV-Myc/Tag2C-MITA-R	AACTCGAGTTAGTTTTGTTTCATTGC	
pEGFP-N3-MITA-F	CTAGCTAGCATGTCTGTGATGGGAG	
pEGFP-N3-MITA-R	CGCGGATCCGTTTTGTTTCATTGC	
pEGFP-N3-MITA-C-F	CTAGCTAGCATGGTGGCTCATGGTCTGG	
pEGFP-N3-MITA-N-R	CGCGGATCCGTTTCATCTTTTTTGCTTC	
pCMV-HA-MITA-N-R	CCGCTCGAGTTAGTTCATCTTTTTTGCTTC	
pCMV-HA-MITA-C-F	CCGGAATCCGATGGTGGCTCATGGTCTGG	
<i>Dr ifn<math>\phi</math>1</i> -F	GAATGGCTTGCCGATACAGGATA	
<i>Dr ifn<math>\phi</math>1</i> -R	TCCTCCACCTTTGACTTGTCATC	
<i>Dr cyp19a1a</i> -F	CTAGGAGTCCCGCTCAATGAGCAC	qPCR
<i>Dr cyp19a1a</i> -R	GGCATCCTGCAACTCCTGAGCATC	
<i>Dr <math>\beta</math>-actin</i> -F	TCCAGCCTTCCTCCTGGGTATG	
<i>Dr <math>\beta</math>-actin</i> -R	TCAGGGGGAGCAATGATCTTGA	
<i>epc ifn</i> -F	ATGAAAACCTCAAATGTGGACGTA	
<i>epc ifn</i> -R	GATAGTTTCCACCCTTTCCTTAA	
<i>epc vig1</i> -F	AGCGAGGCTTACGACTTCTG	
<i>epc vig1</i> -R	GCACCAACTCTCCAGAAAA	
<i>epc irf7</i> -F	GGAGGACCAACACAAAGTCTATC	
<i>epc irf7</i> -R	CATTTCCTCCACTTGGCTGAG	
<i>epc rig-i</i> -F	TGCTGGACCGGATGTGTTATCT	
<i>epc rig-i</i> -R	TGGTGATCGATGGTTCGATTCT	
<i>epc cyp19a1a</i> -F	CTAGGAGTCCCTCTCAATGAGCGT	
<i>epc cyp19a1a</i> -R	GGCATCCTGTAACTCCTGAGCTTC	
<i>epc atg14</i> -F	TGGAAGAAACCCGGAGAGGTATTC	
<i>epc atg14</i> -R	CGCAACAACAGCTCCTTGCCACTC	
<i>epc <math>\beta</math>-actin</i> -F	CACTGTGCCCATCTACGAG	
<i>epc <math>\beta</math>-actin</i> -R	CCATCTCCTGCTCGAAGT	
<i>caIFN-A</i> -F	GCTTCGGGAAATGAGTGGACAAT	
<i>caIFN-A</i> -R	TTCACTTTTGTTAGATTCCATTGCG	

<i>caIFN-B-F</i>	GGACACCTGTACAACCTTGATTGGAG	
<i>caIFN-B-R</i>	GCTCTGGATTCATGTGTTCTTTGG	
<i>ca<math>\beta</math>-actin-F</i>	AGACCAGCAAATACTATGTCACCA	
<i>ca<math>\beta</math>-actin-R</i>	GGCACAGTTCCAATACCTCCAA	
<i>SVCV-g-F</i>	CGACCTGGATTAGACTTG	
<i>SVCV-g-R</i>	AATGTTCCGTTTCTCACT	
<i>SVCV-l-F</i>	GCCCACTTTGCATCCAGTCC	
<i>SVCV-l-R</i>	GAGATGCCACAGACTCCTCC	
<i>SVCV-m-F</i>	TACTCCTCCCCTTACGA	
<i>SVCV-m-R</i>	CAAGAGTCCGAGAAGGTC	
<i>SVCV-n-F</i>	TGAGTGCTGAGGACGAT	
<i>SVCV-n-R</i>	TTGTGAGTTGCCGTTA	
<i>SVCV-p-F</i>	TTGGACCTGGGATAGTGA	
<i>SVCV-p-R</i>	CTTGCTTGTTTGTGGG	