

Supplementary information, Table S1. PCR primers used in this work

Target name	Forward primer	Reverse primer
EMCV p1	GAGATCCGGATTGCCAGTCT	GCCCTCACATTGCCAAAAGA
EMCV p2	CACTGGTACACCAACCAAGC	GCAAAGAACAGAGTGCCGAA
EMCV p3	ATGGAATGGCCGCCTATGTA	ATTGCCGACCGAAAATGGTC
EMCV p4	TGTCATGAACAGAGAGGCGT	TCGAATGATGGCACGACAAC
EMCV p5	CAGGAGCAGGGACCTTACAA	TGTGGCTCAAAGGCATTAC
EMCV p6	CGCCAAGACACGGATTGTAG	TCGAATGATGGCACGACAAC
MS2 RNA	TCCTGCTCAACTTCCTGTCTGAG	CATAGGTCAAACCTCCTAGGAATG
mGapdh	CATGGCCTTCCGTGTTCTTA	CCTGCTTACCACCTTCTTGAT
mTert	CTAGCTCATGTGTCAAGACCCTCTT	ACGCACGCTACTAGTGAAGG
mNanog	ACCTGAGCTATAAGCAGGTTAAGA	GTGCTGAGCCCTTCTGAATCAGAC
mOct4	CACGAGTGGAAAGCAACTCA	AGATGGTGGTCTGGCTGAAC
mIFN β	CCGAGCAGAGATCTTCAGGAA	CCTGCAACCACCACTCATTCT
mISG15	CCTCTGAGCATCCTGGTGAG	ACTGGTCTTCGTGGACTTGTT
mIFITM1	GACAGCCACCACAATCAACAT	CCCAGGCAGCAGAAGTTCAT
mIFITM2	TGGGCTTCGTTGCCTATGC	AGAATGGGGTGTCTTTGTGC
mIFITM3	CCCCAAACTACGAAAGAATCA	ACCATCTCCGATCCCTAGAC
mCD9	ATGCCGGTCAAAGGAGGTAG	GCCATAGTCCAATAGCAAGCA
mEIF3L	TCTTACCCCGCTGATGACTAC	CGCTCATAGGCAAGGTCTT
mIGFBP2	TGGAACATCTCTACTCCCTGC	CTTCCCGGTATTGGGGTTCA
mISG20	CCTGAAGGAGGATATGAGCAAGT	CCCGCCAGTTGTTCTGGAT
mMCL1	CAAAGATGGCGTAACAAACTGG	CCGTTTCGTCTTACAAGAACA
mOAS1a	GCCTGATCCCAGAATCTATGC	GAGCAACTCTAGGGCGTACTG
mODC1	GACGAGTTTACTGCCACATC	CGCAACATAGAACGCATCCTT
mRBM25	ATGGTTGGAAAGCATTGGGA	AAGCATGTCTGAAGCCTTCTC
mRPL22	AGCAGGTTTGAAGTTCACCC	CAGCTTCCCATTCACCTTGA
mSLC16A1	TGTTAGTCGGAGCCTTCATTTT	CACTGGTCGTTGCACTGAATA
mRNaseH1	TGGTTCAAAAGGGCAGGAAAG	AAATGCGTCCTTGCTCACTAC
MuERV1	TTTCTCAAGGCCACCAATAGT	GACACCTTTTTTAATATGCGAGCT
MLV	CGAGATCATGGGACAGACCGTAAC	CTCCCAGGTGACGATATATGGGAC
MTA	ATGTCTTGGGAGGACTGTGGAAG	AGCCCCAGCTAACCAGAACTACAG
MusD	GATTGGTGGAAGTTTAGCTAGCAT	TAGCATTCTCATAAGCCAATTGCAT
IAP	CTTGCCCTTAAAGGTCTAAAAGCA	GCGGTATAAGGTACAATTAAGATATGG
LINE-1	TTTGGGACACAATGAAAGCA	CTGCCGTCTACTCCTCTTGG
SINE	GAGCACCTGACTGCTCTTCC	ACACACCAGAAGAGGGCATC
miR-16	GGCGGTAGCAGCACGTAAT	GTGCAGGTCCGAGGT
U6	CTCGCTTCGGCAGCAC	AACGCTTACGAATTTGCGT
hActin	AAGGAGCCCCACGAGAAAAAT	ACCGAACTTGCATTGATTCCAG
hIFN β	CATTACCTGAAGGCCAAGGA	CAATTGTCCAGTCCCAGAGG
hISG15	TCCTGGTGAGGAATAACAAGGG	GTCAGCCAGAACAGGTGCTC
hIFIT1	TCAGGTCAAGGATAGTCTGGAG	AGGTTGTGTATTCCCACACTGTA
plasmid LINE-1	TGAAAACCGGCACAAGACAG	GCTGAGACGATGGGGTTTTC

plasmid IAP	CCTTGACGTGGGAATCCTCT	ATGGGGCGTTTCATTGGAC
plasmid MusD	CGCCGAACTAACAGCAGTAC	CCGGGCGAGAATGATGTTTT
MHV-7	TATAAGAGTGATTGGCGTCC	GAGTAATGGGGAACCACACT
HSV-1	TGGGACACATGCCTTCTTGG	ACCCTTAGTCAGACTCTGTTACTTACCC
mRNaseH1 (Clone)	CGGCTAGCGCCACCATGCGCTGGCTGCTG	CGGGATCCCTACTTGTTCATCGTCGTCCTTGTAAATC GTCCTCAGACTGCTTCGC
mRNaseH1- E186Q (mutation)	CCAGAGGGCCCAGATCCATGCAGCCTGCAAGG	GCTGCATGGATCTGGGCCCTCTGGTTTGTCTGT
