

**Supplementary Table S1. List of Primers**

miRNA	Sequence
Oligo-dT adapter primer	5'-CATAGACCTGAATGGCGGTAAGGGTGTGGTAGGCGAGACA TTTTTTTTTTTTTTTTTTTT-3'
Universal reverse primer	5'-GCATAGACCTGAATGGCGGTA-3'
IFNa_Foward	5'-GCTTTACTGATGGTCCTGGTGGTG-3'
IFNa_Reverse	5'-GAGATTCTGCTCATTTGTGCCAG-3'
IFNb_Foward	5'-GAATGGGAGGCTTGAATACTGCCT-3'
IFNb_Reverse	5'-TAGCAAAGATGTTCTGGAGCATCTC-3'
RSAD2_Foward	5'-AAGTCCATCCTGGATGTTGGTG-3'
RSAD2_Reverse	5'-TTCCGCTCTACCAATCCAGCT-3'
ISG15_Foward	5'-CATCTTTGCCAGTACAGGAGCT-3'
ISG15_Reverse	5'-ACACCTGGAATTCGTTGCC-3'
IFI44L_Foward	5'-ATG TTCAGCTGTACCCTCCAC-3'
IFI44L_Reverse	5'-TGCCTACACTGCACTTCCTGTC-3'
IFI27_Foward	5'-TAGCAGCCAAGATGATGTCCG-3'
IFI27_Reverse	5'-AGAGTCCAGTTGCTCCCACTGA-3'
HBV-miR-A_Stemloop	5'-GTCGTATCCAGTGCAGGGTCCGAGGTATTGCGACTGGATACGACAGAGAA-3'

HBV-miR-A _ Forward	5'-GTATACGACTCGTGGTGGACT-3'
HBV-miR-B_Stemloop	5'-GTCGTATCCAGTGCAGGGTCCGAGGTATTTCGCACTGGATACGACCCAAAG-3'
HBV-miR-B _ Forward	5'-GTATACACCAATTTTCTTTTG-3'
HBV-miR-C_Stemloop	5'-GTCGTATCCAGTGCAGGGTCCGAGGTATTTCGCACTGGATACGACAAGGTT-3'
HBV-miR-C _ Forward	5'-GTATACCAGCGCATGCGTGGA-3'
Universal _ Reverse	5'-GTGCAGGGTCCGAGGT-3'
IFNA4 _ Forward	5'-TGCACAGAGCAAAGTCTTCA-3'
IFNA4 _ Reverse	5'-AAAAGGACAGGGCCATTGGG-3'
IFNA17 _ Forward	5'-GATCTGCCTCAGACCCACAG-3'
IFNA17 _ Reverse	5'-TCCTCCTGGGGAAGTCCAAA-3'
RAD50 _ Forward	5'-TTTGGTTGGACCCAATGGGG-3'
RAD50 _ Reverse	5'-CAGGAGGGAAATCTCCAGTACAA-3'
JMJD6 _ Forward	5'-TTGGACCCGGCACAATACTA-3'
JMJD6 _ Reverse	5'-TCTGCCCTTTCCACGTTATCC-3'
GOLGA6A _ Forward	5'-GAGCCCTGGTATTCCAGCAG-3'
GOLGA6A _ Reverse	5'-TTGTCACTGAGCTTGACTCCA-3'
METTL21A _ Forward	5'-GAGGAGACCACGGAATTTGGG-3'
METTL21A _ Reverse	5'-CAGGTATGTGGAAAGAACGATGG-3'
SCAF11 _ Forward	5'-ACTGTATGTACCCTAAATATGGGAG-3'
SCAF11 _ Reverse	5'-AGCCTCACTGTACAACAGACC-3'

SRSF1_Foward	5'-TCGCGACGGCTATGATTACG-3'
SRSF1_Reverse	5'-ACTTGGAGGCAGTCCAGAGA-3'
EXD2_Foward	5'-GATTATGGCCTCGTTGTTAGGG-3'
EXD2_Reverse	5'-ACTTCAGGCTAAGCCCATTACA-3'
TMEM120B_Foward	5'-CTTACACTCCAGAGGTGCAAAC-3'
TMEM120B_Reverse	5'-CGCTCCTTGATGTTGCTG-3'
LARP1B_Foward	5'-GCCAACACCAAGTGAATTAGTGA-3'
LARP1B_Reverse	5'-TTTGTTTCCCGGTTTTCTTGC-3'
ZNF275_Foward	5'-TCTTTTGGGCGTTCCTGTTTT-3'
ZNF275_Reverse	5'-GTCTGACACCAGTAGCACTTG-3'
FSCB_Foward	5'-ATGGTAGGCAAATCCCAGCAA-3'
FSCB_Reverse	5'-GGGTAGCTTTGGGGCTAGATG-3'
WIPF2_Foward	5'-TGTCCGGTCTTTCTTGGATGA-3'
WIPF2_Reverse	5'-GGCAGCTCGGTTTGTTC-3'
FCGRT_Foward	5'-GATGAGCACCCTACTGCTG-3'
FCGRT_Reverse	5'-CAAGACACCGATGACGATTCC-3'
EIF5A2_Foward	5'-GGACGACCATGCAAAATAGTGG-3'
EIF5A2_Reverse	5'-TGCCCGTGAAAATATCAATTCCA-3'
SHQ1_Foward	5'-CAAGTTCTACGCCAAGCCATA-3'
SHQ1_Reverse	5'-TGGGCAGGCGAATGGTAAAAA-3'

PET117_Forward	5'-CTAGGAGCTCGAAGGTGGTG-3'
PET117_Reverse	5'-GATAACTCCGTCACGAAGCCT-3'