

Table S1. Sequences of miRNA mimics, inhibitors and siRNAs.

| miRNAs/siRNAs | Sequences (5'-3') | |
|--------------------|------------------------|------------------------|
| | sense (5'-3') | antisense (5'-3') |
| miR-26a mimics | TTCAAGTAATCCAGGATAGGCT | CCUAUCCUGGAUUACUUGAAUU |
| miR-26a inhibitors | AGCCTATCCTGGATTACTTGAA | |
| siGAS | UCGGGACCAAAUUGACAAATT | UUUGUCAUUUGGUCCCGUTT |
| siIFNAR1#1 | GTGCCTATAGTCCAGTGTA | |
| siIFNAR1#2 | CTCCAACCATTAACATGAA | |
| siIFNAR1#3 | GGATTTGTGCTGCCTTATT | |
| siSOCS5#1 | GGAACAAGACUGGCAAGAATT | UUCUUGCCAGUCUUGUUCCTT |
| siSOCS5#2 | GCACAGGUUAAUCCGUUAUTT | AUAACGGAUUAACCGUGCTT |
| siSOCS5#3 | GGAAUUGAUGGGUCUCCUUTT | AAGGGAGCCCAUCAAUUCCTT |

Table S2. Sequences of primers used in the research.

| Primers | Sequences (5'-3') |
|-----------------------------|--|
| RT-miR-26a | GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATAC GACAGCCTATC |
| RT-miR-101 | GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATAC GACCTTCAGTT |
| miR-26a-F | CGGGGCTTCAAGTAATCCAG |
| miR-101-F | TACAGTACTGTGATAACTGAAG |
| U6-F | CTCGCTTCGGCAGCACACA |
| U6-R | AACGCTTCACGAATTTGCGT |
| miR-UR-R | CAGTGCAGGGTCCGAGGTAT |
| qISG15-F | TCCTGGTGAGGAACCACAAGGG |
| qISG15-R | TTCAGCCAGAACAGGTCGTC |
| qViperin-F | CATGACCGGGGCGAGTACCTG |
| qViperin-R | GCAAGGATGTCCAAATATTCACC |
| qIFITM1-F | CACCACCGTGATCAACATCCA |
| qIFITM1-R | GACTTCACGGAGTAGGCAAAG |
| qSOCS5-F | TGTGTCACCCCAGGAACAAG |
| qSOCS5-R | CTTACGCCATACCGCCTCTC |
| qIFN-β-F | GAAGGAGGAAGCCATATTGGT |
| qIFN-β-R | CTCCATGATTCCTCCAGGAT |
| q18S-F | CGGCTACCACATCCAAGGAA |
| q18S-R | GCTGGAATTACCGCGGCT |
| miR-26-socs5-3'UTR (WT)-F | TCTAGTTGTTTAAACGAGCTCTTTGGATGGCAGTATTTATATC TTTGT |
| miR-26-socs5-3'UTR (WT)-R | CAGGTCGACTCTAGACTCGAGTACACACAAACTGGAACAT GTGACTT |
| miR-26-socs5-3'UTR (mut)-R1 | CAAAATAGCTCACGACCTGCGTATTGCATA |
| miR-26-socs5-3'UTR (mut)-F2 | GCAGGTCGTGAGCTATTTTGGAAAGTAA |

Table S3. Some differentially expressed miRNAs obtained from the high-throughput sequencing.

| miRNA id | FHV-1^a | Mock^a | log2 Ratio (FHV-1/Mock) | Up/Down | p-value |
|-----------------|--------------------------|-------------------------|------------------------------------|----------------|----------------|
| miR-146-5p | 150 | 1242 | -4.350897495 | Down | 0 |
| miR-30a-5p | 1282 | 10596 | -3.289424101 | Down | 0 |
| miR-200a-3p | 161 | 1263 | -3.214380608 | Down | 0 |
| miR-378 | 1009 | 5671 | -2.733087788 | Down | 0 |
| miR-196b | 1802 | 9489 | -2.639084641 | Down | 0 |
| miR-199a-3p | 900 | 3602 | -2.243278191 | Down | 5.79E-255 |
| miR-20-5p | 1090 | 4220 | -2.195170953 | Down | 6.09E-57 |
| miR-339b-5p | 1950 | 6930 | -2.072303034 | Down | 7.24E-86 |
| miR-27a-5p | 9750 | 29816 | -1.855005293 | Down | 0 |
| miR-196a | 16114 | 48944 | -1.845203685 | Down | 0 |
| miR-125b-1-3p | 485 | 1259 | -1.618745357 | Down | 2.75E-110 |
| miR-27b-5p | 877 | 2062 | -1.475717739 | Down | 0 |
| miR-125a-3p | 604 | 1322 | -1.372540182 | Down | 8.62E-91 |
| miR-1187 | 1419 | 483 | 1.312378631 | Up | 2.72E-75 |
| miR-374a-5p | 689 | 231 | 1.334604539 | Up | 2.35E-38 |
| miR-155-5p | 14705 | 4770 | 1.381837317 | Up | 0 |
| miR-181a-3p | 356 | 158 | 1.415037499 | Up | 0 |
| miR-222a-5p | 663 | 253 | 1.389871485 | Up | 3.80E-24 |
| miR-25-3p | 24283 | 7787 | 1.398407229 | Up | 7.85E-27 |
| miR-23b-5p | 6150 | 2317 | 1.408328366 | Up | 8.41E-71 |
| miR-574-5p | 4931 | 1748 | 1.496175068 | Up | 0 |
| miR-26a-5p | 97127 | 19293 | 2.574178054 | Up | 0 |
| miR-101 | 5753 | 888 | 2.69568288 | UP | 0 |
| miR-17-5p | 1423 | 128 | 3.231834629 | Up | 0 |

^a Mean reads from triple samples