**SUPPLEMENTARY MATERIALS**

**Supplementary Table 1 - Clinical characteristics of the study subjects**

| Patient Code | Gender | Age (years) | Group |
|--------------|--------|-------------|-------|
| C1           | F      | 34          | CONTROL |
| C2           | F      | 36          | CONTROL |
| C3           | F      | 39          | CONTROL |
| C4           | F      | 36          | CONTROL |
| C5           | F      | 53          | CONTROL |
| C6           | F      | 37          | CONTROL |
| C7           | M      | 29          | CONTROL |
| C8           | M      | 27          | CONTROL |
| C9           | F      | 32          | CONTROL |
| C10          | M      | 58          | CONTROL |
| C11          | M      | 34          | CONTROL |
| C12          | F      | 32          | CONTROL |
| C13          | M      | 27          | CONTROL |
| C14          | M      | 31          | CONTROL |
| C15          | M      | 39          | CONTROL |
| C16          | M      | 35          | CONTROL |
| H17          | F      | 30          | CONTROL |
| H18          | M      | 30          | CONTROL |
| H19          | M      | 42          | CONTROL |
| H20          | F      | 44          | CONTROL |
| H21          | M      | 56          | CONTROL |
| H22          | M      | 58          | CONTROL |
| H23          | M      | 31          | CONTROL |
| H24          | M      | 26          | CONTROL |
| H25          | M      | 42          | CONTROL |
| RECZIKV+1    | F      | 39          | RECZIKv+ |
| RECZIKV+2    | F      | 36          | RECZIKv+ |
| ZIKV+1       | F      | 36          | ZIKV+   |
| RECZIKV+3    | F      | 34          | ZIKV+   |
| ZIKV+4       | F      | 49          | ZIKV+   |
| ZIKV+5       | M      | 33          | ZIKV+   |
| ZIKV+6       | M      | 28          | ZIKV+   |
| ZIKV+7       | M      | 24          | ZIKV+   |
| ZIKV+8       | F      | 53          | ZIKV+   |
| ZIKV+9       | F      | 23          | ZIKV+   |
| ZIKV+10      | F      | 47          | ZIKV+   |
| ZIKV+11      | F      | 25          | ZIKV+   |
| ZIKV+12      | F      | 40          | ZIKV+   |
| ZIKV+13      | M      | 61          | ZIKV+   |
| ZIKV+14      | M      | 22          | ZIKV+   |
| ZIKV+15      | F      | 56          | ZIKV+   |
| ZIKV+16      | F      | 28          | ZIKV+   |
| ZIKV+17      | F      | 41          | ZIKV+   |
| ZIKV+18      | M      | 18          | ZIKV+   |
| ZIKV+19      | M      | 10          | ZIKV+   |
| ZIKV+20      | F      | 37          | ZIKV+   |
| ZIKV+21      | F      | 62          | ZIKV+   |
| ZIKV+22      | F      | 30          | ZIKV+   |
| ZIKV+23      | F      | 34          | ZIKV+   |
| ZIKV+24      | F      | 38          | ZIKV+   |
| ZIKV+25      | F      | 37          | ZIKV+   |

**Legend:** Gender: F = female; M = male; CONT = individuals in the control group; ZIKAV+ = patients infected with Zika virus; REC-ZIKV+ = Zika-infected patients in convalescence phase. * Samples used for miRNA profiling. ** samples used for miR-142-3p qPCR.
**Supplementary Table 2 - List of DMs in ZIKV+ vs CONTROL**

| MicroRNA symbol/seed sequence | Mirbase ID | p value ZIKV+ | fold change ZIKV+ | log2 fold change ZIKV+ | p value RECZIKV+ | fold change RECZIKV+ | log2 fold change RECZIKV+ |
|------------------------------|------------|---------------|-------------------|------------------------|-----------------|---------------------|--------------------------|
| miR-365-3p (and other miRNAs w/seed AAUGCCC) | MIMAT0000710 | 0.034 | 5.77 | 2.53 |
| miR-340-3p (miRNAs w/seed UAUAAG) | MIMAT0004692 | 0.007 | 3.45 | 1.79 |
| miR-342-3p (miRNAs w/seed CUCACAC) | MIMAT000753 | 0.032 | -2.69 | -1.43 |
| miR-30c-5p (and other miRNAs w/seed GUAAAC) | MIMAT000244 | 0.002 | -2.79 | -1.48 |
| let-7a-5p (and other miRNAs w/seed GAGGUAG) | MIMAT000414 | 0.011 | -2.90 | -1.54 |
| let-7e-5p (and other miRNAs w/seed GAGGUAG) | MIMAT000086 | 0.015 | -2.99 | -1.58 |
| miR-146b-5p (and other miRNAs w/seed GAGAACU) | MIMAT000809 | 0.005 | -3.22 | -1.68 |
| miR-126a-3p (and other miRNAs w/seed CGUACC) | MIMAT000445 | 0.007 | -3.25 | -1.70 |
| miR-139-5p (miRNAs w/seed CUACAGU) | MIMAT000656 | 0.007 | -3.28 | -1.71 |
| miR-19b-3p (and other miRNAs w/seed GUUGCAC) | MIMAT000074 | 0.034 | -3.31 | -1.73 |
| miR-24-3p (and other miRNAs w/seed GCCUCAC) | MIMAT000080 | 0.023 | -3.40 | -1.77 |
| miR-320b (and other miRNAs w/seed AAAGCG) | MIMAT000510 | 0.014 | -3.55 | -1.83 |
| miR-146a-5p (and other miRNAs w/seed GAGAACU) | MIMAT000449 | 0.028 | -3.69 | -1.88 |
| miR-166-5p (miRNAs w/seed AAAGAAU) | MIMAT000456 | 0.006 | -3.79 | -1.92 |
| miR-142-3p (and other miRNAs w/seed GUAGUGU) | MIMAT000434 | 0.032 | -3.94 | -1.98 |
| miR-30b (and other miRNAs w/seed GUAAAC) | MIMAT000420 | 0.001 | -3.95 | -1.98 |
| miR-199a-3p (and other miRNAs w/seed GCAUGAGU) | MIMAT000232 | 0.024 | -4.31 | -2.11 |
| miR-125b-5p (and other miRNAs w/seed CCCUGAG) | MIMAT000443 | 0.002 | -4.41 | -2.14 |
| miR-191-5p (and other miRNAs w/seed ACCCGAGA) | MIMAT000440 | 0.006 | -4.63 | -2.21 |
| miR-223-3p (miRNAs w/seed GUCAGU) | MIMAT000280 | 0.035 | -4.79 | -2.26 |
| miR-344a-5p (and other miRNAs w/seed GAGUGC) | MIMAT0002174 | 0.007 | -5.05 | -2.34 |
| miR-28-3p (and other miRNAs w/seed ACUAGAG) | MIMAT0004502 | 0.013 | -5.13 | -2.36 |
| miR-150-5p (miRNAs w/seed CUCCCAA) | MIMAT000451 | 0.016 | -5.32 | -2.41 |
| miR-130a-3p (and other miRNAs w/seed AGUGCAGA) | MIMAT000425 | 0.014 | -5.36 | -2.46 |

**Supplementary Table 3 - List of DMs in RECZIKV+ vs CONTROL**

| MicroRNA Symbol/seed sequence | Mirbase ID | p value | fold change | log2 fold change |
|------------------------------|------------|----------|-------------|-----------------|
| miR-495-3p (and other miRNAs w/seed AACAAC) | MIMAT0002817 | 0.01100 | 4.23 | 2.08 |
| miR-17-5p (and other miRNAs w/seed AAAGUG) | MIMAT0000103 | 0.01900 | 2.82 | 1.39 |
| miR-146a-5p (and other miRNAs w/seed GAGAAC) | MIMAT0002809 | 0.04100 | -1.53 | -0.61 |
| miR-342-3p (miRNAs w/seed CUCACAC) | MIMAT0000753 | 0.04400 | -1.85 | -0.89 |
| miR-126a-3p (and other miRNAs w/seed CGUCC) | MIMAT0000445 | 0.01700 | -1.93 | -0.95 |
| miR-150-5p (miRNAs w/seed CUCCCAA) | MIMAT0000451 | 0.04600 | -2.35 | -1.93 |
| miR-30b (and other miRNAs w/seed GUAACAA) | MIMAT0000420 | 0.00700 | -3.29 | -1.72 |

**Supplementary Table 4 - List of DMs in common between ZIKV+ and RECZIKV+**

| MicroRNA Symbol/seed sequence | Mirbase ID | p value ZIKV+ | p value RECZIKV+ | fold change ZIKV+ | fold change RECZIKV+ | log2 fold change ZIKV+ | log2 fold change RECZIKV+ |
|------------------------------|------------|---------------|-----------------|-------------------|---------------------|------------------------|--------------------------|
| miR-126a-3p (and other miRNAs w/seed CGUACC) | MIMAT0000445 | 0.007 | 0.017 | -3.25 | -1.931 | -1.70 | -0.95 |
| miR-146a-5p (and other miRNAs w/seed GAGAAC) | MIMAT0000449 | 0.028 | 0.041 | -3.69 | -1.529 | -1.88 | -0.61 |
| miR-150-5p (and other miRNAs w/seed CUCCCAA) | MIMAT0000451 | 0.019 | 0.046 | -5.32 | -2.347 | -2.41 | -1.23 |
| miR-30c-5p (and other miRNAs w/seed GUAAAC) | MIMAT0000244 | 0.002 | 0.007 | -2.79 | -1.289 | -1.48 | -1.72 |
| miR-342-3p (miRNAs w/seed CUCACAC) | MIMAT0000751 | 0.032 | 0.044 | -2.69 | -1.852 | -1.43 | -0.89 |
| miR-30b (and other miRNAs w/seed GUAAAC) | MIMAT0000420 | 0.001 | 0.007 | -3.95 | -3.289 | -1.98 | -1.72 |