**Supplementary Table1. Primers of miRNAs and mRNAs**

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| **MiRNAs/mRNAs** | **Primer sequences** |
| let-7a-5p-Flet-7b-5p-Flet-7c-3p-Flet-7c-5p-Flet-7d-5p-Flet-7e-5p-Flet-7f-5p-Flet-7g-5p-Flet-7i-5p-FmiR-101-3 p-FmiR-125a-5p-FmiR-125b-5p-FmiR-130a-3p-FmiR-130b-3p-FmiR-1324-FmiR-144-3p-FmiR-145-5p-FmiR-15a-5p-FmiR-15b-5p-FmiR-16-5p-FmiR-17-5p-FmiR-181a-5p-FmiR-181b-5p-FmiR-181c-5p-FmiR-181d-3p-FmiR-181d-5p-FmiR-186-5p-FmiR-195-5p-FmiR-19a-3p-FmiR-19b-3p-FmiR-202-3p-FmiR-20a-5p-FmiR-20b-5p-FmiR-211-5p-FmiR-21-5p-FmiR-23a-3p-FmiR-23b-3p-FmiR-29a-3p-FmiR-29b-3p-FmiR-29c-3p-FmiR-300-FmiR-301a-3p-FmiR-301b-3p-FmiR-301b-5p-FmiR-302a-3p-FmiR-302b-3p-FmiR-302c-3p-FmiR-30a-5p-FmiR-30b-5p-FmiR-30c-5p-FmiR-30d-5p-FmiR-30e-5p-FmiR-340-5p-FmiR-34a-5p-FmiR-34c-5p-FmiR-372-FmiR-373-3p-FmiR-374a-5p-FmiR-381-3p-FmiR-381-5p-FmiR-410-3p-FmiR-410-5p-FmiR-424-5p-FmiR-449a-FmiR-449b-5p-FmiR-454-3p-FmiR-497-5p-FmiR-511-FmiR-513b-FmiR-519c-3p-FmiR-519d-3p-FmiR-519d-5p-FmiR-520d-3p-FmiR-520e-3p-FmiR-520e-5p-FmiR-524-5p-FmiR-543-FmiR-545-3p-FmiR-548c-3p-FmiR-548d-3p-FmiR-548e-3p-FmiR-548e-5p-FmiR-590-5p-FmiR-607-FmiR-655-FmiR-656-3p-FmiR-656-5p-FmiR-875-3p-FmiR-93-5p-FmiR-9-5p-FmiR-98-3p-FmiR-98-5p-FIL-1β-FIL-1β-RIL-6-FIL-6-RIL-8-FIL-8-RC1QTNF6-FC1QTNF6-RAMPK-FAMPK-RGAPDH-FGAPDH-R | 5'-CGCGCTGAGGTAGTAGGTTGTATAGTT-3'5'-CGCTGAGGTAGTAGGTTGTGTGGTT-3'5'-CGCCTGTACAACCTTCTAGCTTTCC-3'5'-GCGCTGAGGTAGTAGGTTGTATGGTT-3'5'-CGCGAGAGGTAGTAGGTTGCATAGTT-3'5'-CGCGTGAGGTAGGAGGTTGTATAGTT-3'5'-CGGCGCTGAGGTAGTAGATTGTATAGTT-3'5'-AGCGCTGAGGTAGTAGTTTGTACAGTT-3'5'-CGCGTGAGGTAGTAGTTTGTGCTGTT-3'5'-CGCGCGTACAGTACTGTGATAACTGAA-3'5'-TCCCTGAGACCCTTTAACCTGTGA-3'5'-GCTCCCTGAGACCCTAACTTGTGA-3'5'-CGCCAGTGCAATGTTAAAAGGGCAT-3'5'-CGCAGTGCAATGATGAAAGGGCAT-3'5'-CCGCCAGACAGAATTCTATGCACTTTC-3'5'-CCGCGCGTACAGTATAGATGATGTACT-3'5'-GTCCAGTTTTCCCAGGAATCCCT-3'5'-CCGCTAGCAGCACATAATGGTTTGTG-3'5'-CGCTAGCAGCACATCATGGTTTACA-3'5'-CGCTAGCAGCACGTAAATATTGGCG-3'5'-GCCAAAGTGCTTACAGTGCAGGTAG-3'5'-AACATTCAACGCTGTCGGTGAGT-3'5'-AACATTCATTGCTGTCGGTGGGT-3'5'-CGAACATTCAACCTGTCGGTGAGT-3'5'-CCACCGGGGGATGAATGTCA-3'5'-CGAACATTCATTGTTGTCGGTGGGT-3'5'-CCGCAAAGAATTCTCCTTTTGGGCT-3'5'-ACGCTAGCAGCACAGAAATATTGGC-3'5'-CGCGTGTGCAAATCTATGCAAAACTGA-3'5'-ACGTGTGCAAATCCATGCAAAACTGA-3'5'-ACGAGAGGTATAGGGCATGGGAA-3'5'-CGCGTAAAGTGCTTATAGTGCAGGTAG-3'5'-CGCAAAGTGCTCATAGTGCAGGTAG-3'5'-CTTCCCTTTGTCATCCTTCGCCT-3'5'-CCGCGTAGCTTATCAGACTGATGTTGA-3'5'-CCGATCACATTGCCAGGGATTTCC-3'5'-CCGATCACATTGCCAGGGATTACC-3'5'-GCGTAGCACCATCTGAAATCGGTTA-3'5'-GCGCTAGCACCATTTGAAATCAGTGTT-3'5'-CGCGTAGCACCATTTGAAATCGGTTA-3'5'-CGCTATACAAGGGCAGACTCTCTCT-3'5'-CGCGCAGTGCAATAGTATTGTCAAAGC-3'5'-CGCCAGTGCAATGATATTGTCAAAGC-3'5'-GCTCTGACGAGGTTGCACTACT-3'5'-CGCTAAGTGCTTCCATGTTTTGGTGA-3'5'-CCGCGTAAGTGCTTCCATGTTTTAGTAG-3'5'-CCGTAAGTGCTTCCATGTTTCAGTGG-3'5'-CGCTGTAAACATCCTCGACTGGAAG-3'5'-ACGCTGTAAACATCCTACACTCAGCT-3'5'-CGCTGTAAACATCCTACACTCTCAGC-3'5'-CGTGTAAACATCCCCGACTGGAAG-3'5'-CGCGTGTAAACATCCTTGACTGGAAG-3'5'-CGCGCGTTATAAAGCAATGAGACTGATT-3'5'-CTGGCAGTGTCTTAGCTGGTTGT-3'5'-CGAGGCAGTGTAGTTAGCTGATTGC-3'5'-AAAGTGCTGCGACATTTGAGCGT-3'5'-CGAAGTGCTTCGATTTTGGGGTGT-3'5'-GCGCGCGTTATAATACAACCTGATAAGTG-3'5'-CGCTATACAAGGGCAAGCTCTCTGT-3'5'-CGAGCGAGGTTGCCCTTTGTATAT-3'5'-CGCGAATATAACACAGATGGCCTGT-3'5'-ACGAGGTTGTCTGTGATGAGTTCG-3'5'-ACCGCAGCAGCAATTCATGTTTTGAA-3'5'-CGTGGCAGTGTATTGTTAGCTGGT-3'5'-CCAGGCAGTGTATTGTTAGCTGGC-3'5'-CCGCGTAGTGCAATATTGCTTATAGGGT-3'5'-ACAGCAGCACACTGTGGTTTGT-3'5'-CGGTGTCTTTTGCTCTGCAGTCA-3'5'-CGCGTTCACAAGGAGGTGTCATTTAT-3'5'-GCGCGAAAGTGCATCTTTTTAGAGGAT-3'5'-CGCAAAGTGCCTCCCTTTAGAGTG-3'5'-CCTCCAAAGGGAAGCGCTTTCT-3'5'-CGAAAGTGCTTCTCTTTGGTGGGT-3'5'-GCGAAAGTGCTTCCTTTTTGAGGG-3'5'-GCGCTCAAGATGGAAGCAGTTTCTG-3'5'-CCGCTACAAAGGGAAGCACTTTCTC-3'5'-CGAAACATTCGCGGTGCACTTCTT-3'5'-GCGCTCAGCAAACATTTATTGTGTGC-3'5'-CGCCGCGCAAAAATCTCAATTACTTTTGC-3'5'-CGCGCAAAAACCACAGTTTCTTTTGC-3'5'-GCGCGAAAAACTGAGACTACTTTTGCA-3'5'-GCAAAAGCAATCGCGGTTTTTGC-3'5'-ACGCGGAGCTTATTCATAAAAGTGCAG-3'5'-CGCGCGGTTCAAATCCAGATCTATAAC-3'5'-CCGCGCGATAATACATGGTTAACCTCTTT-3'5'-GCGCGCGAATATTATACAGTCAACCTCT-3'5'-AGGTTGCCTGTGAGGTGTTCA-3'5'-CGCCTGGAAACACTGAGGTTGTG-3'5'-GCAAAGTGCTGTTCGTGCAGGTAG-3'5'-CCGCGTCTTTGGTTATCTAGCTGTATGA-3'5'-GCGCGCTATACAACTTACTACTTTCCC-3'5'-CGCGCGTGAGGTAGTAAGTTGTATTGTT-3'5'-TGGCAATGAGGATGACTTGT-3'5'-TGGTGGTCGGAGATTCGTA-3'5'-TTCGGTCCAGTTGCCTTCT-3'5'-GGTGAGTGGCTGTCTGTGTG-3'5'-TTGCCAAGGAGTGCTAAAGAA-3'5'-GCCCTCTTCAAAAACTTCTCC-3'5'-TGATGCTGGACCTGGCCTACG-3'5'-AAGTCGTTGCTGTAGATGGCGTTC-3'5'-TTGTATGCAGGCCCAGAGGT-3'5'-TGGGATCCACCTGCAGCATA-3'5'-CCACCCATGGCAAATTCCATGGCA-3'5'-TCTACACGGCAGGTCAGGTCCACC-3' |