**Table S1. Name of primer**

|  |  |
| --- | --- |
| Name of primer Sequence of primer | |
| hsa-miR-125b-2-3p  hsa-miR-145-3p  hsa-miR-409-3p  hsa-miR-625-3p  U6 | 5ʹ-CAAGTCAGGCTCTTGGGACAA- 3ʹ  5ʹ-GGATTCCTGGAAATACTGTTCTA- 3ʹ  5ʹ-ATGTTGCTCGGTGAACCCCTA- 3ʹ  5ʹ-GACTATAGAACTTTCCCCCTCA- 3ʹ  Forward: 5′-CTCGCTTCGGCAGCACATATACT-3′  Reverse: 5′-ACGCTTCACGAATTTGCGTGTC-3′ |

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| **Table S2. Probes for FISH** | | | |
| Name of miRNA | FISH Probe | Lable | Source |
| hsa-miR-125b-2-3p | GTCCCAAGAGCC+TGACT+TGTGA | Cy3 | Genepharma |
| hsa-miR-145-3p | AGAACAGTAT+TTCCAGGAA+TCC | Cy3 | Genepharma |
| hsa-miR-409-3p | AGGGGT+TCACCGAGCAACAT+TC | Cy3 | Genepharma |
| hsa-miR-625-3p | TGAGGGGGAAAGT+TCTA+TAGTC | Cy3 | Genepharma |

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| **Table S3. Sequence of mimics** | | |
| Mimics | Sequence | Source |
| hsa-miR-125b-2-3p | UCACAAGUCAGGCUCUUGGGAC | Genepharma |
|  | CCCAAGAGCCUGACUUGUGAUU | Genepharma |
| hsa-miR-145-3p | GGAUUCCUGGAAAUACUGUUCU | Genepharma |
|  | AACAGUAUUUCCAGGAAUCCUU | Genepharma |
| hsa-miR-409-3p | GAAUGUUGCUCGGUGAACCCCU | Genepharma |
|  | GGGUUCACCGAGCAACAUUCUU | Genepharma |
| hsa-miR-625-3p | GACUAUAGAACUUUCCCCCUCA | Genepharma |
|  | AGGGGGAAAGUUCUAUAGUCUU | Genepharma |

|  |  |  |
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| **Table 4. Sequence of inhibor** | | |
| Inhibitor | Sense and antisence | Source |
| hsa-miR-125b-2-3p | 5'-GUCCCAAGAGCCUGACUUGUGA-3' | Genepharma |
|  | 3'-CAGGGUUCUCGGACUGAACACU-5' | Genepharma |
| hsa-miR-145-3p | 5'-AGAACAGUAUUUCCAGGAAUCC-3' | Genepharma |
|  | 3'-UCUUGUCAUAAAGGUCCUUAGG-5' | Genepharma |
| hsa-miR-409-3p | 5'-AGGGGUUCACCGAGCAACAUUC-3' | Genepharma |
|  | 3'-UCCCCAAGUGGCUCGUUGUAAG-5' | Genepharma |
| hsa-miR-625-3p | 5'-UGAGGGGGAAAGUUCUAUAGUC-3' | Genepharma |
|  | 3'-ACUCCCCCUUUCAAGAUAUCAG-5' | Genepharma |