### SUPPLEMENTARY TABLE

**Supplemental Table 1. The detailed primer sequences for q-RT-PCR and pyrosequencing.**

| Gene    | Primer | Sequence (5′-3′) | Nt | Tm  |
|---------|--------|-----------------|----|-----|
| SNHG3   | Forward| GACGATCTGCACCTTCGCATT | 20 | 59  |
|         | Reverse| TGCTCCAAGTCTGCCAAAGAT | 21 | 59.3|
| SNHG15  | Forward| TGGCAGACCTGTACTCCGTA  | 20 | 59.96|
|         | Reverse| GACTAGACTGCGAAGACCG  | 20 | 59.9 |
| GAPDH   | Forward| GAAAGCCTGCCGGTGACTAA | 20 | 60.32|
|         | Reverse| GCATCACCCGGAGGAAGAAAT | 20 | 59.82|

| CpG site | Primer | Sequence (5′-3′) | Length of amplicon | 5′ modification |
|----------|--------|-----------------|-------------------|-----------------|
| cg07807470 | Forward| GTAGAGTGGGATTTGGAATATTTATGGATAG | 276 | 5′-Biotin |
|          | Reverse| AAAAAACAAACATCAAATCCCTACTCTC | | |
|          | Sequencing| AGATTTATGTAGTTATAGTAGGA | | |
| cg15161854 | Forward| TGGGATTATAGTTGGTACATTATTTGTT | 200 | 5′-Biotin |
|          | Reverse| CTTCAACAATACCATTACATATCCTTACT | | |
|          | Sequencing| AACCACAAAAACATAATC | | |
| cg00953154 | Forward| TAGGTTTAGGTAGAAGGTAAGGTAAGT | 83 | 5′-Biotin |
|          | Reverse| ACTATCAACAACTCCTTACA | | |
|          | Sequencing| GGTAGAGTGGGTTT | | |
| cg16459265 | Forward| TTGGTGGAATAGAGGAGGTAGT | 197 | 5′-Biotin |
|          | Reverse| ACACAAATCTATACAAACCAAAACCACAC | | |
|          | Sequencing| GGTGAATGAGGAGGTAGT | | |