**SUPPLEMENTARY MATERIAL**

**Supplementary table 1.** Primer sequences used for RT-qPCR analyses.

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| Target gene | Forward primer (5' -> 3') | Reverse primer (5' -> 3´) |
| *METTL3* | CAAGCTGCACTTCAGACGAA | GCTTGGCGTGTGGTCTTT |
| *METTL14* | AGAGAACAAAGGAACACTGCCT | AATGAAGTCCCCGTCTGTGC |
| *WTAP* | TGCGACTAGCAACCAAGGAA | GTTGATCGCTGGGTCTACCA |
| *VIRMA/KIAA1429* | TCCGAGTCATACCCCCAGGA | AACAGGGGCACTTGGTTTGC |
| *FTO* | TGCCGAGGAACGAGAGCG | GGGGGTCAGATAAGGGAGCC |
| *ALKBH5* | TGTGCTCAGTGGATATGCTGC | GACTTTGTTTCCAACCGGGG |
| *YTHDF1* | CATGAAGCATGTCGGCCACC | TGACTGTCCAGTAAGGTAGGGC |
| *YTHDF2* | GCCAGCTACAAGCACACCA | CCGTTGCTGCAGTCTGTGT |
| *YTHDC1* | ATCTTCCGTTCGTGCTGTCC | GGACCATACACCCTTCGCTT |
| *IGF2BP2* | AGAAGTCATCGTGCCTCGTG | TTTCCCTGATCTTGCGCTGT |
| *PPIA* | CCGTGTTCTTCGACATTGCC | TTGTCTGCAAACAGCTCAAAGG |