### Supplementary Table S1. Sequence of primers used for qRT-PCR analysis of mRNA levels

| Gene Name | Sequence | Tm (℃) | Product Size (bp) |
|-----------|----------|--------|-------------------|
| GAPDH     | F:5' GCTCTCTGCTCCTCCCTTGTCTA3'  
            R:5' TGGTAACCAGGCGTCCGATA3’ | 60   | 124               |
| METTL3    | F:5' TTGACTACAGTGGCTACCTTT3’  
            R:5' CCTTGGCTGTGTTGGTATTT3’ | 60   | 220               |
| METTL14   | F:5' GAGTATGTGGCGAGAAGTGG3’  
            R:5' TTGCTTTCAGGATTGTTCCTT3’ | 60   | 84                |
| WTAP      | F:5' GAAAAACTAAAGCAGCAACAG3’  
            R:5' CGTAAACTTCCAGGCACCT3’ | 60   | 267               |
| YTHDF1    | F:5' GCCAGGAGGAGGAGGAGA3’  
            R:5' AGACAGCAGGAAGCAGCAG3’ | 60   | 131               |
| YTHDF3    | F:5' GCCATGCGAAGGGAGGAA3’  
            R:5' AGCTTCAGGACACAAAGTGCT3’ | 60   | 278               |
| FTO       | F:5' GAGCGGGAAGCTAAGATA3’  
            R:5' GCTGCCACTGCTGATAGAA3’ | 60   | 100               |

METTL3, methyltransferase-like 3; METTL14, methyltransferase-like 14; WTAP, Wilms tumor 1-associated protein; YTHDF1, YTH domain family 1; YTHDF3, YTH domain family 3; FTO, fat mass and obesity associated protein.
### Supplementary Table S2. Sequence of primers used for m<sup>6</sup>A single base site qPCR analysis of relative mRNA methylation levels

| Gene Name | Sequence | Tm (℃) | Product Size (bp) |
|-----------|----------|--------|-------------------|
| XR_595034 | F:5’ ATCTCATCCTGCCGCCTCCTT3’
           | R:5’ TCTTCCGCTCCTCCAGCCTTA3’ | 60 | 276 |
| XR_346771 | F:5’ GAATTTGCTGAGTAAACACCCCTAT3’
           | R:5’ CACTGGTGATGCTCCTATTGT3’ | 60 | 147 |
| XR_338486 | F:5’ TGTGGAGGGGATCTGGTTTCTT3’
           | R:5’ CTGCCGGACTGTATGGAGT3’ | 60 | 191 |
| XR_596592 | F:5’ ATCTGACGGCAGGATTTGGAG3’
           | R:5’ TTGCACTTGGAGCTGGACAT3’ | 60 | 85 |
| Clec1b    | F:5’ GATTGGATTATCACGCCAGAA3’
           | R:5’ ACTCTTTGTCAGGGCAGCATT3’ | 60 | 201 |
| Tnfrsf21  | F:5’ TGCCCTTGACTGACCGAGAAT3’
           | R:5’ CACTGCTTACACCAGCACTC3’ | 60 | 141 |
| Ptk2b     | F:5’ CCTGCCCTGGCCTTTGGTTAT3’
           | R:5’ GTGCTGTGCCCAGAGTCCCT3’ | 60 | 147 |
| Tnfrsf26  | F:5’ GCTGTCCTGAGGGCAGAGTC3’
           | R:5’ TGACGGGAGTAGCGAATG3’ | 60 | 184 |
| Ankrd54   | F:5’ TGGAGACCAAGAGCGAGCAGCAG 3’
           | R:5’ GAGCACGATTTCCTCCAATTT3’ | 60 | 226 |
| Stk38l    | F:5’ ATTTGCCCTGTGTTTGGGA3’
           | R:5’ ATGTTCGCGTGAGGTGAGA3’ | 60 | 182 |
Supplementary Figure S1. Expressions of m^6^A-related enzymes were detected by western blot analysis. n = 3-4; *P < 0.05. Ctrl, control; LPS, lipopolysaccharide.