Figure S1: The clinical and pathology information of TCGA samples.
Figure S2: Networks of m6A-related lncRNAs. (A) lncRNAs obtained from the m6A2Target database. (B) lncRNAs obtained from the starBase database.
Figure S3: Upregulation of AL135999.1 in colorectal cancer is related to m6A modification. (A) Relative expression levels of AL135999.1 in different cells. (B) m6A modification is highly enriched in AL135999.1 of SW480 and HCT116 cells. (C) qRT-PCR confirmed the knockdown efficiency of METTL3. (D) Compared with the control group, the m6A level of AL135999.1 in SW480 and HCT116 cells with METTL3 knockdown. (E) The expression level of AL135999.1 was assessed in SW480 and HCT116 cells with METTL3 knockdown. (F) Treat SW480 cells of METTL3 knockdown with actinomycin D, and detect the expression level of AL135999.1 by qRT-PCR. (G) Treat HCT116 cells of METTL3 knockdown with actinomycin D, and detect the expression level of AL135999.1 by qRT-PCR.
| Target          | Primer sequence                                                                 |
|-----------------|--------------------------------------------------------------------------------|
| GAPDH           | F: 5’-CGGATTTGGTTCGTTATTGGG-3’                                                  |
|                 | R: 5’-CTGGAAGATGGGTGATGGGATT-3’                                                 |
| METTL3          | F: 5’-GTGTCGGAGGTGATTCCAGT-3’                                                   |
|                 | R: 5’-CTGCGCATCTCATCATCTGT-3’                                                   |
| AL135999.1      | F: 5’-GCGATCAGTTTCAGGCCACT-3’                                                   |
|                 | R: 5’-TTGATGAAGGGCTAGTGGGCC-3’                                                  |
| AL049840.4      | F: 5’-TCATGTAACAGGGGTGGTG-3’                                                    |
|                 | R: 5’-GACATGAGGCGGGATGAAAC-3’                                                   |