Figure S1

(A) The mRNA expression level of TOP2A in HCC tissues and normal tissues from the ONCOMINE database. (B, C) The mRNA and protein expression level of TOP2A in a human normal LO2 cell and 6 HCC cell lines. (D, E, F) Western blot and RT-qPCR detection of TOP2A expression after lentiviral expression of sh-TOP2A and TOP2A-overexpressing. ** P < 0.01
| Primers       | Sequence (5’ to 3’)                                      |
|--------------|---------------------------------------------------------|
| 1 GAPDH-F    | TGTGTCCGTCGTGGATCTGA                                    |
| 1 GAPDH-R    | CCTGCTTCACCACCTTCTTGA                                  |
| 2 TOP2A-F    | TTCTTGATATGCCCTTTTGG                                   |
| 2 TOP2A-R    | GCTTCAACAGCCTCCAATTC                                  |
| 3 miR-144-3p-F | GCGCGCGTACAGTATAGATGA                             |
| 3 miR-144-3p -R  | AGTGCAGGGTCCGAGGTAAT                                       |
| 3 miR-144-3p-RT | GTCGTATCCAGTGCGGGTGCCAGGG                            |
| 3 miR-144-3p-RT | TATTCGACTGGATACGACAGTACA                                 |
| 4 hsa-U6-F   | GCTCGCTTCGGCAGACATATAAC                                 |
| 4 hsa-U6-R   | AGTGCAGGGTCCGAGGTAAT                                  |
| 4 has-U6-RT  | GTCGTATCCAGTGCGGGTGCCAGGGTAT                          |
|              | TCGCAGCTGGGATACGACAAATATGG                              |