

Supplementary table 1 Primers for RT-qPCR

Genes	Primers
ZEB2	5'- CACACACATACACAGAAAGGA-3' (forward) 5'- ATAACAGGAGGCATAGCATT-3' (reverse)
GADPH	5'- GTCTCCTCTGACTTCAACAGCG-3' (forward) 5'- ACCACCCTGTTGCTGTAGCCAA-3' (reverse)
U6	5'- CTCGCTTCGGCAGCACATATACT-3' (forward) 5'- ACGCTTCACGAATTGCGTGTC-3' (reverse)
miR-25-3p	5'- CATTGCACTTGTCTCGGTCTGA-3' (forward) 5'- GCTGTCAACGATAACGCTACGTAACG-3' (reverse)
NR2F1-AS1	5'- TTGAGGCCATTCTTGAGG-3' (forward) 5'- CCGCAGGAACCTAACTTAC-3' (reverse)

Probe sequence for NR2F1-AS1

CAUCAAUAGAGAUGAGCUGCAAGUUGUUCAUAGUUGACAUAGGC
 UUCCUGAUCUAGCCAAUUCUAUUGCCAAAGCUCCCCAGUGAAUGGCAGC
 UUACAUCACGGCAUGGUAGCUACCAUAAGGAUGCAGCUCUGGGCUCC
 UCUUGCAUAUGGAAAUAAGGAAAUUUAAUAGAAAUAUUGAGAACAUUC
 UGCUGCAACCUGUGAUGCAGGCCACUGCCACGCCAUUCAUCCUGGUU
 AAUAUUGUGGUACACGGAGAAAACAGGUUCAUCAUGGGCUAGUUCAUU
 UAUCCACACCUUUUCUCUUGAGUUCAUCUACCUGCUGC

Sequences of RNAi

Construct	Sequence

shNR2F1-AS1 5'-
ccggAAGGTGTGGATAATGAAACTctcgagAGTTTCATT
TCCACACCTTttttg-3'

siZEB2 5' - GGACACAGGUUCUGAAACA-3'

Figure S1

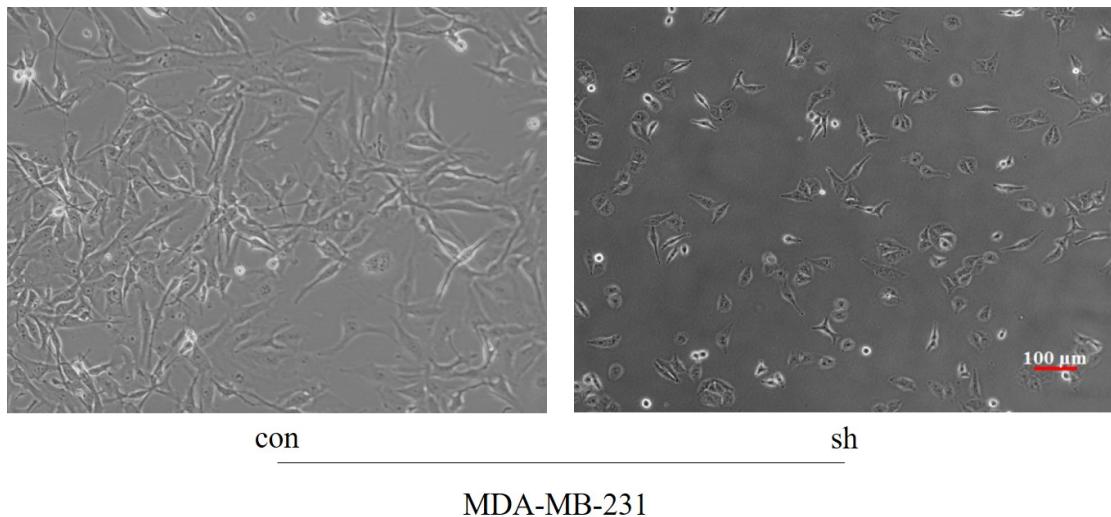


Figure S1 The morphological change of MDA-MB-231 cells.

Figure S2

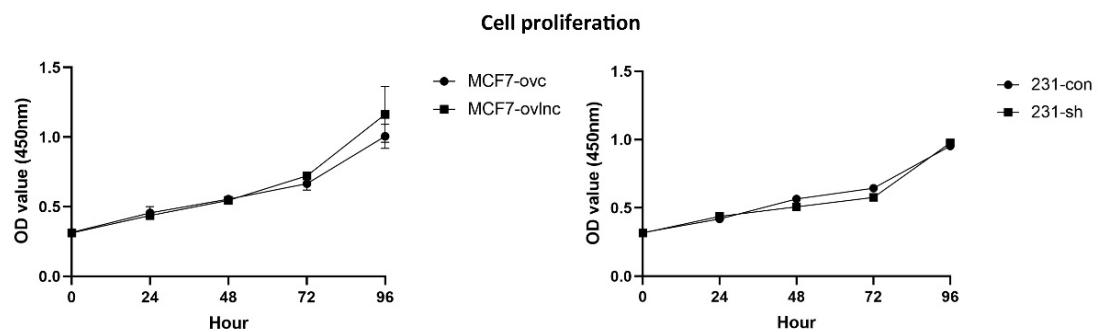


Figure S2 The growth curve of CCK-8 assay showed that overexpression of lnc NR2F1-AS1 or knockdown of lnc NR2F1-AS1 didn't influence the proliferation of MCF-7 ($p = 0.165$) and MDA-MB-231 ($p = 0.487$) cells, respectively.