

Supplementary

Supplementary Table 1 Sequences of miR-200a-3p, miR-200a-3p inhibitors and mimics

Sequence of miR-200a-3p
TAACACTGTCTGGTAACGATGT
Sequence of miR-200a-3p inhibitor
ACAUCGUUACCAGACAGUGUUA
Sequence of inhibitor NC
UCUACUCUUUCUAGGAGGUUGUGA
Sequence of mimics NC
UCACAACCUCCUAGAAAGAGUAGA
UCUACUCUUUCUAGGAGGUUGUGA

Supplementary Table 2 Sequences of ZEB1 and IRF1 shRNA

ZEB1 shRNA-1
5'-ACTCATTAACACTTTTACGTATTCAAGAGATACGTAAAAGTGTTAATGAGT-3'
3'-CGTAAAAGTGTTAATGAGTGGAAGTTCTCTCCACTCATTAACACTTTTACG-5'
ZEB1 shRNA-2
5'-TCAATAGAAGTAAGAAAAGTATTCAAGAGATACTTTTCTTACTTCTATTGA-3'
3'-CTTTTCTTACTTCTATTGAAAAGTTCTCTTTTCAATAGAAGTAAGAAAAG-5'
ZEB1 shRNA-3
5'-TGATTTCAATAGAAGTAAGAATTCAAGAGATTCTTACTTCTATTGAAATCA-3'
3'-CTTACTTCTATTGAAATCAACAAGTTCTCTGTTGATTTCAATAGAAGTAAG-5'
IRF1 shRNA-1

5'-ATATTTTTCTGTTTACATGTATTCAAGAGATACATGTAAACAGAAAAATAT-3'

3'-CATGTAAACAGAAAAATATTTAAGTTCTCTAAATATTTTTCTGTTTACATG-5'

IRF1 shRNA-2

5'-TTTAAAGAGAGATTTTTCCGGTTCAAGAGACCGGAAAAATCTCTCTTTAAA-3'

3'-GGAAAAATCTCTCTTTAAATTAAGTTCTCTAATTAAAGAGAGATTTTTCC-5'

IRF1 shRNA-3

5'-AAGTAAATCACGTTAAAAGAGTTCAAGAGACTCTTTAACGTGATTACTT-3'

3'-CTTTAACGTGATTACTTAGAAGTTCTCTCTAAGTAAATCACGTTAAAAG-5'

sh-NC(No similar gene sequence was found)

5'CACCGTTCTCCGAACGTGTCACGTTTCAAGAGAACGTGACACGTTCCGAGAAT
TTTTT G-3'

5'GATCCAAAAAATTCTCCGAACGTGTCACGTTCTCTTGAAACGTGACACGTTCCG
GAGAAC-3'

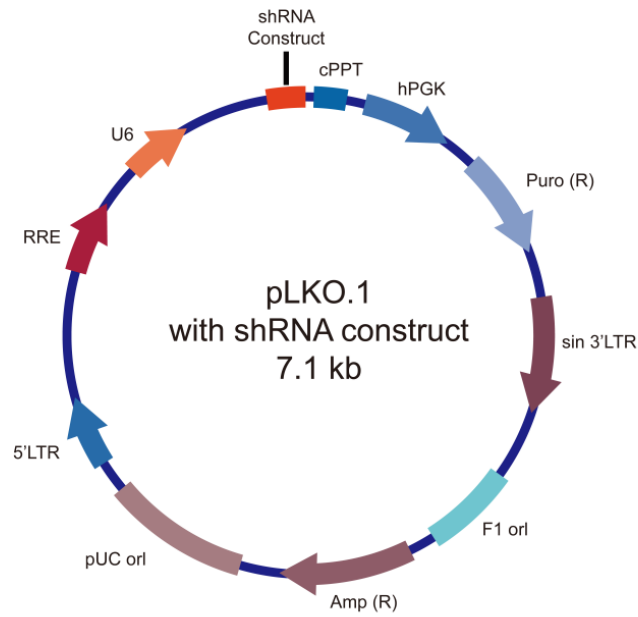
Supplementary Table 3. Primer sequences

Genes	Primer sequences (5'-3')
ZEB1	Forward:GAGAGGATCATGGCGGATGG Reverse:TGGCAGGTCATCCTCTGGTA
IRF1	Forward:ACCCTGGCTAGAGATGCAGA Reverse:TGCTTTGTATCGGCCTGTGT
miR-200a-3p	Forward:GCGCGTAACTGTCTGGTAA Reverse:AGTGCAGGGTCCGAGGTATT
U6	Forward:GCTTCGGCAGCACATATACTAAAAT Reverse: CGCTTCACGAATTTGCGTGTTCAT

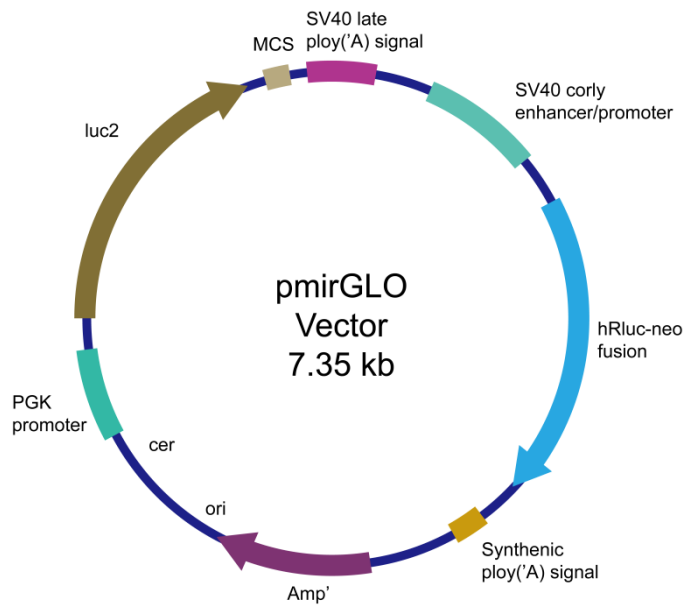
GAPDH

Forward:AATGGGCAGCCGTTAGGAAA

Reverse:GCCCAATACGACCAAATCAGAG



Supplementary Figure 1. The structure of plasmid pLKO.1



Supplementary Figure 2. The plasmid structure of pmirGLO