

Supplementary Table 1

Table 1. The sequences of nucleotide and primers used in the study

Name	Sequence (5'→3')
YB-1 siRNA	YB-1 siRNA-1: GGAACGGAUAUG GUUUCAUTT YB-1 siRNA-2: CCAGTTCAAGGCAGTAAATAT
ER α siRNA	ER α siRNA: GGAGAAUGUUGAAACACAATT
YB-1 shRNA-1	Top strand: GATCCGCCAGTTCAAGGCAGTAAATATTTCAAGAGAATA TTTACTGCCTTGAAGTGGTTTTTTG Bottom strand: AATTCAAAAACCAGTTCAAGGCAGTAAATATTCTCTTG AAATATTTACTGCCTTGAAGTGGCG
YB-1 shRNA-2	Top strand: GATCCGAGCAGACCGTAACCATTATAGTTCAAGAGACTA TAATGGTTACGGTCTGCTTTTTTTG Bottom strand: AATTCAAAAAGCAGACCGTAACCATTATAGTCTCTTG AACTATAATGGTTACGGTCTGCTCG
HAPDH	F: GGTATCGTGAAGGACTCATGAC R: ATGCCAGTGAGCTTCCCGTTCAG
ALDH1	F: TTACCTGTCCTACTCACCGA R: CTCCTTATCTCCT TCTTCTACCT
ABCG2	F: GGCCTCAGGAAGACTTATGT R: AAGGA GGTGGTGTAGCTGAT
OCT 3/4	F: GAGCAAACCCGGAGGAGT R: T TCTCTTTCGGGCCTGCAC
Nanog	F: GCTTGCCTTGCTTTGAAGCA R: TTCTTGACTGGGACCTTGTC
CDH1	F: CAAATCCAACAAAGACAAAGAAGGC

	R: ACACAGCGTGAGAGAAGAGAGT
DSP	F: GTTTTGGGGCAGGTCAGGATT R: GGGAGGATAAGCACCGAAGAA
ZO-1	F: AGCCATTCCCGAAGGAGTTGAG R: ATCACAGTGTGGTAAGCGCAGC
Sox2	F: AAAATCCCATCACCCACAGCAA R: AAA ATAGTCCCCCAAAAAGAAGTCC
E-cadherin	F: TGAAGGTGACAGAGCCTCTGG R: TGGGTGAATTCGGGCTTGTT
DPA	F: ACGCCAGGATGATGACTGGA R: GTCACTGCGAGCTTCTTTACAT
Cyclin A	F: CGCTGGCGGTACTGAAGTC R: GAGGAACGGTGACATGCTCAT
YB-1	F: AGGCAGGAACGGTTGTAGGT R: CCTTGTTCTCCTGCACCCTG
ER α	F: GGGAAGTATGGCTATGGAATCTG R: TGGCTGGACACATATAGTCGTT
pS2	F: CCCCCTGAAAGACAGAATTGT R: GGTGTCGTCGAAACAGCAG
c-fos	F: CACTCCAAGCGGAGACAGAC R: AGGTCATCAGGGATCTTGCAG
P-gp	F: TTGCTGCTTACATTCAGGTTTCA R: AGCCTATCTCCTGTGCATTA
YB-1 promoter	F: AACGGAGTGTAGTCGGCTGACCCCT R: ACTCTAAGACTTCTCTTAGAAGTCA
YB-1 protein-coding gene	F: ATGAGCAGCGAGGCCGAGACCCAGC R: TTAICTCAGCCCCGCCCTGCTCAGCC
ER α protein-coding gene	F: ATGACCATGACCCTCCACACCAAAG R: TCAGACCGTGGCAGGGAAACCCTCT

Supplementary figure 1

