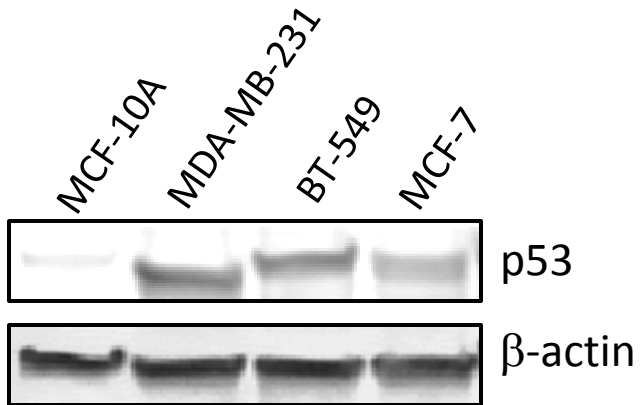
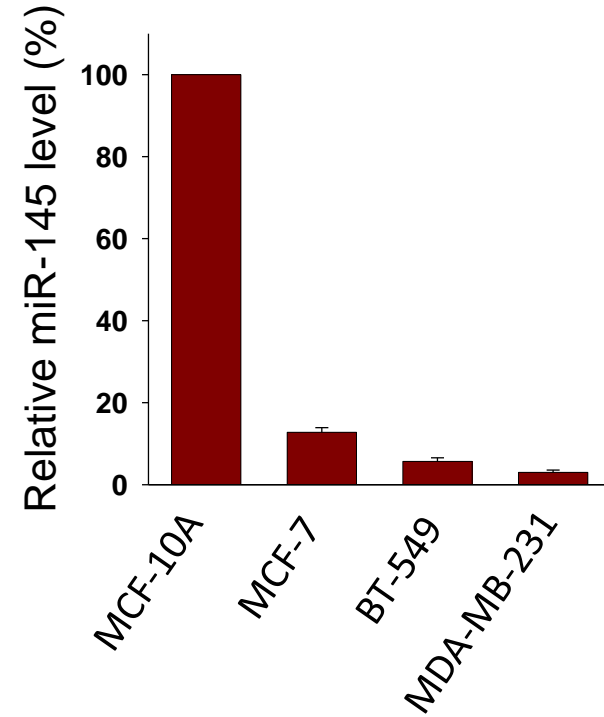


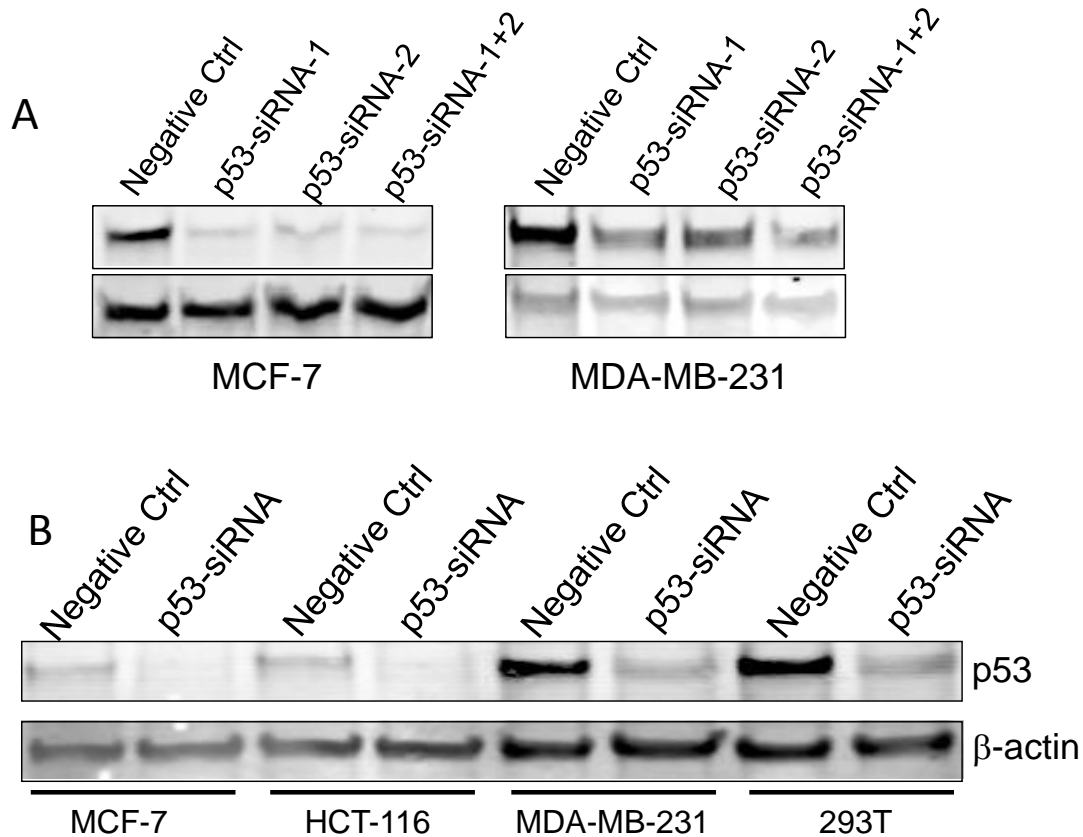
A



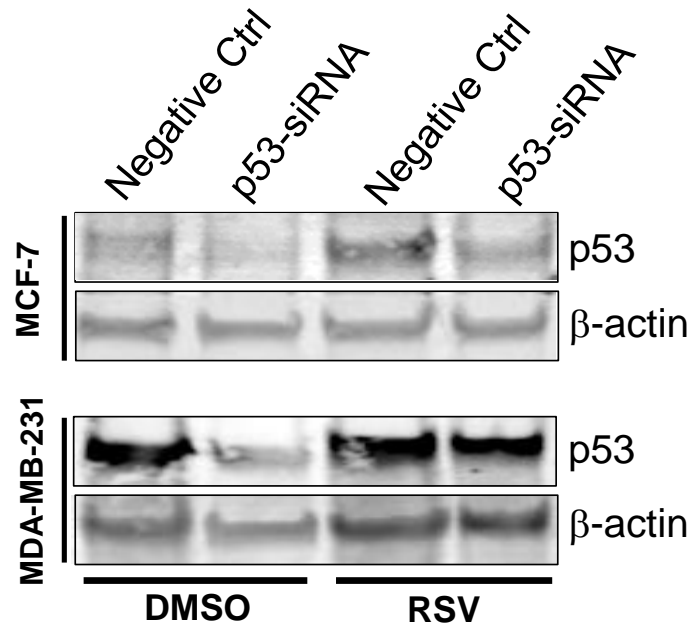
B



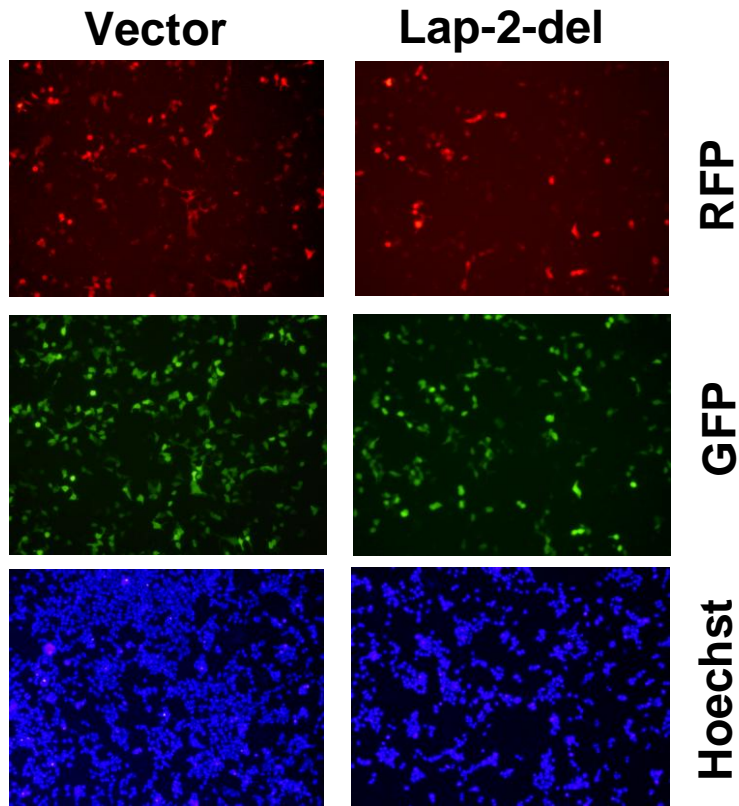
S-Fig. 1 Detection of basal levels of p53 and miR-145 in 4 cell lines



S-Fig. 2 Suppression of p53 by RNAi. Cells were transfected with negative control or p53 siRNAs and were harvested for western 24 h later.



S-Fig. 3 Suppression of p53 by RNAi in the absence or presence of RSV in MCF-7 and MDA-MB-231 cells. Cells were treated with RSV at 30 (MDA-MB-231) or 100 μ M (MCF-7) for 24 h before harvesting for western.



S-Fig. 4 Deletion of both DNA binding and dimerization domains abolishes the ability of C/EBP- β to suppress the miR-145 promoter activity, as detected by the GFP-miR-145 promoter reporter

s-Table 1, Primers used in this study

To clone cDNAs

CEBPB-Myc-R1-5.1;
5' -CCATGGAGGCCCGAATTCTGCAACGCCTGGTGGCCTGGG
CEBPB-Myc-pCDH-Not1-3.1;
5' -TCGCAGATCCTTGCGGCCGCTAGCAGTGGCCGGAGGAGG
C-FOS-Myc-R1-5.1;
5' -CCATGGAGGCCCGAATTCTGTTCTCGGGCTTCAACGCAG
C-FOS- pCDH-Not1-3.1;
5' -TCGCAGATCCTTGCGGCCGCTCACAGGGCCAGCAGCGTGG
C-JUN-Myc-R1-5.1;
5' -CCATGGAGGCCCGAATTCTGACTGCAAAGATGGAACG
C-JUN-pCDH-Not1-3.1;
5' -TCGCAGATCCTTGCGGCCGCTCAAATGTTTGCAACTGCTG
LAP2-IRES-RED-5.1;
5' -CCTCCTCCGGCCACTGCTAGCCCGGGTAAATTCGCCCCCC
LAP2-Myc-R1-5.1;
5' -CCATGGAGGCCCGAATTCTGGAAGTGGCCAACCTTCTACTAC
LIP-Myc-R1-5.1;
5' -CCATGGAGGCCCGAATTCTGGCGGCGGGCTTCCCGTACGC
LAP2-IRES-RED-3.1;
5' -GGGGGGCGGAATTTACCCGGGCTAGCAGTGGCCGGAGGAGG
p53-Myc-R1-5.1;
5' -CCATGGAGGCCCGAATTCTGGAGGAGCCGCAGTCAGATCC
p53-IRES-RED-3.1;
5' - GGGGGGCGGAATTTACCCGGGTCAGTCTGAGTCAGGCCCTTC
CEBP-RED-NOT1-3.5;
5' -ATTGTGCGACTCAGCGGCCGCGCATCTTGGCCTTGTCGCG
CEBP-RED-NOT1-3.6;
5' -ATTGTGCGACTCAGCGGCCGCTCTTGCGCACGGCGATGTTG

To clone miR-145 promoter

Mir-145p-Cla1-5.1;
5' -ATCGATAGCACTGTAGCTCAGGAAGAG
Mir-145p-BamH1-3.2;
5' -GGATCCTGGATTTAAACCAACCATTCA
miR-145p-CEPBm-5.1;
5' -TCCTCCCAGGGTCAAATGCGTCTCGTGCCTCAGCCTCCCA
miR-145p-CEPBm-3.1;
5' -GGCTGAGGCACGAGACGCATTTGACCCTGGGAGGAGGAGG

For ChIP assays

Mir145-CHIP-5.3;
5' -TGGGGAAGTTCCTCTACACAAG
Mir145-CHIP-3.3;

5' -AGAAAGAGAAAGCAGAGGCAG
Mir145-CHIP-5.4;
5' -ATAATCTCAGCTCACTGCAA
Mir145-CHIP-3.4;
5' -AGGTGTGGTGGCGCACACT