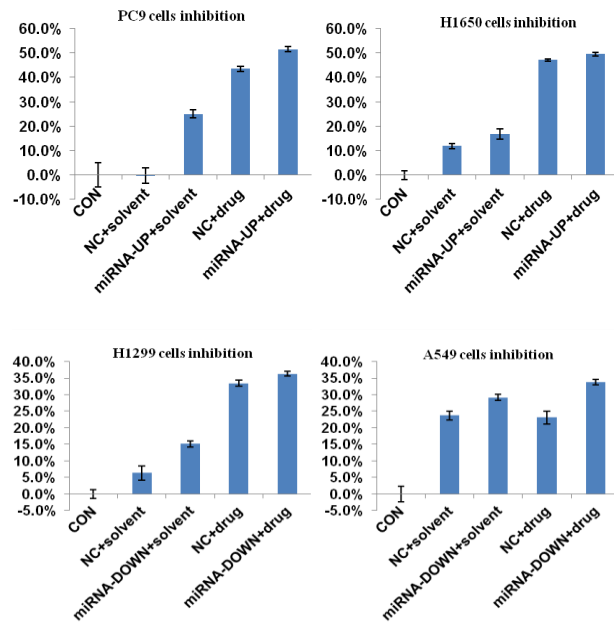
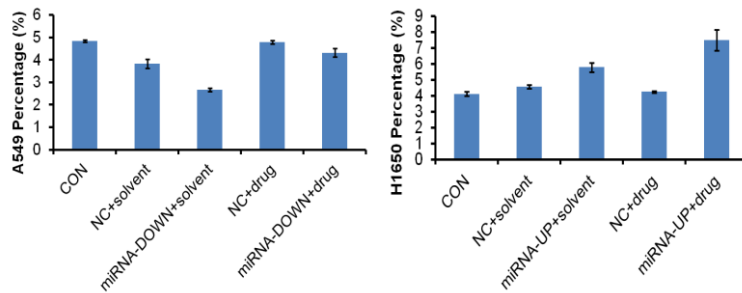


**Supplementary Figure S1. The transfection efficiency of miR-3196.** **A** Fluorescence microscope analyses of GFP gene expression in cells with up-regulated or down-regulated miR-3196 and negative control (NC). **B** qRT-PCR analyses in triplicate of the *miR-3196* transfected cells. The ratios of miR-3196/U6 in NC-transfected cells were defined as 1 fold.



**Supplementary Figure S2. MTT results in PC9, H1650, H1299 and A549.** The cells were treated with erlotinib for 72 h and then the cell inhibition rate was determined by MTT. The results showed that miR-3196 had no effect on the sensitivity of erlotinib. CON: control; NC: negative control; miRNA-DOWN: down-regulated miRNA group; miRNA-UP: up-regulated miRNA group.



**Supplementary Figure S3. Apoptosis of A549 AND H1650 cell lines.** The cells were treated with erlotinib for 72 h and then apoptosis was determined by flow cytometry. Because the numbers of apoptotic cells in this two groups were less than 5%, indicating that there was no significant apoptosis in the cells, which was judged as a negative result. CON: control; NC: negative control; miRNA-DOWN: down-regulated miRNA group; miRNA-UP: up-regulated miRNA group.