



**Figure S5 p53 expression is down-regulated and PI3K p110α is up-regulated when miR-125b is over-expressed in MCF-7aro cells.** (A) RTQ-PCR validation of *TP53* deregulated expression levels in MCF-7aro cells transfected with the mimic of miR-125b-5p or the negative control (mean ± SD from two independent experiments). (B) Western-blot analysis of p53 and (C) of PI3K p110α in MCF-7aro cells transfected with the mimic of miR-125b-5p or the negative control. Representative images from two independent experiments and cell lysates. The relative expression levels of the corresponding ratio p53 / α-Tubulin or PI3K p110α / α-Tubulin were quantified and shown at the bottom of the panels.