

## Supplementary Information

**Title: Down-regulation of long non-coding RNA HOTAIR sensitizes breast cancer to trastuzumab**

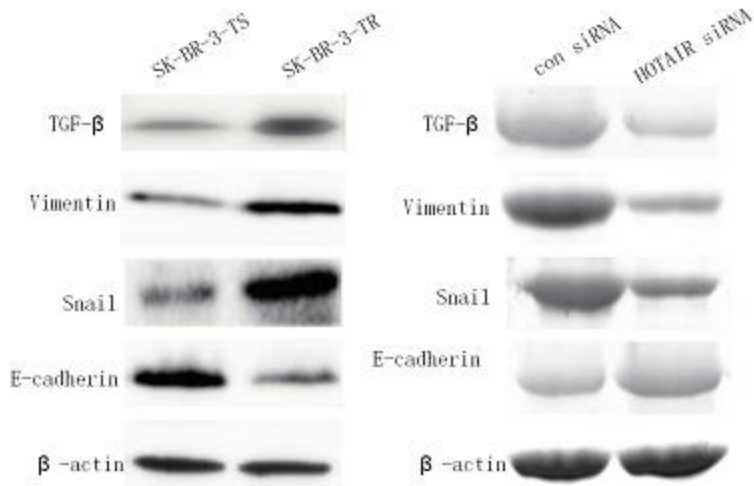
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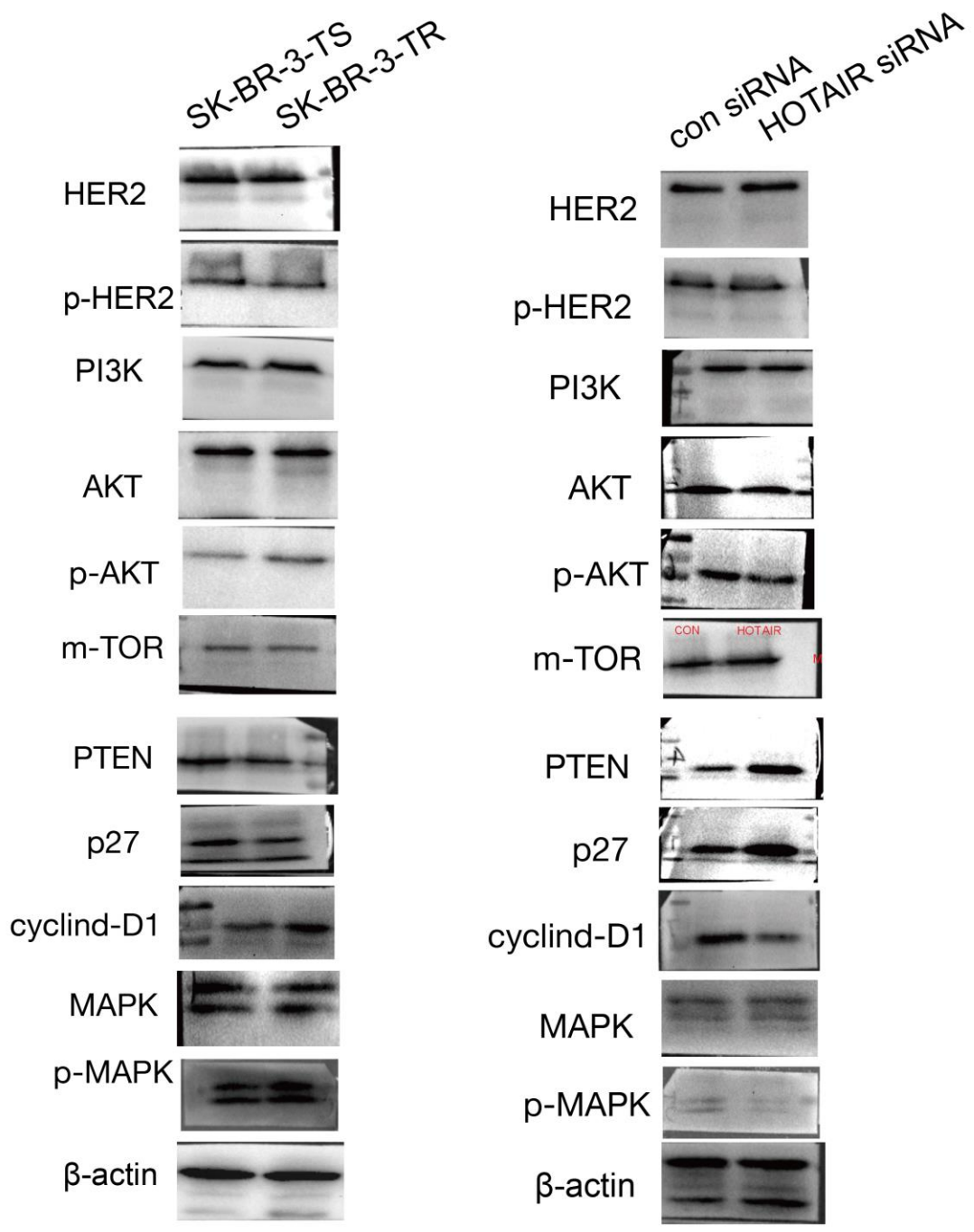
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## SUPPLEMENTARY FIGURE LEGENDS



**Supplementary Figure 5:** Protein blots of of the ETM-related genes following SHOTAIR knockdown. Western blotting was performed according to standard protocols (Biorad Turboblot System). Primary antibodies were detected using goat anti-rabbit or goat anti-mouse horseradish peroxidase (HRP)-conjugated secondary antibodies (Santa Cruz Biotechnology, US A). Immunoreactive bands were visualized using Western Lighting Chemiluminescence Reagent Plus (PerkinElmer, USA).



**Supplementary Figure 7:** Protein levels of genes in the PI3K/AKT/mTOR, MEK/MAPK and HER2 receptor pathways following SHOTAIR knockdown. Western blotting was performed according to standard protocols (Biorad Turboblot System). Primary antibodies were detected using goat anti-rabbit or goat anti-mouse horseradish peroxidase (HRP)-conjugated secondary antibodies (Santa Cruz Biotechnology, US A). Immunoreactive bands were visualized using Western Lighting Chemiluminescence Reagent Plus (PerkinElmer, USA).