**Suppl 2.** Expression of PIK3R1 in different human breast cancer cell lines. Western blot analyses showed diverse PIK3R1expression patterns across the various subtypes of human breast cancer cell lines, including luminal A (MCF-7, and MCF-7 over-expressed snail), luminal B (BT-474), HER2-enriched (SKBR-3), and basal-like (MDA-MB-231, MDA-MB-468, MDA-MB-453, and BT-549).

