Luminal A Luminal B

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**Suppl 7.** The role of PIK3R1 on cell growth of the MCF-7 (ER+/HER2 low) cell line. After PIK3R1 gene was knocked down on the MCF-7 line, cell cycle analysis demonstrated a significant decrease in the G0G1-fraction and increased S-fraction, but not the S+G2M-fraction (A) in Δ *PIK3R1* MCF-7 cell line. Western blot analysis showed no significant changes in the p-AKT and p-mTOR protein expression (B) in Δ *PIK3R1* MCF-7 line, compared to the equivalent WT line.



