

Figure S1. Experimental design flowchart for constructing MUT cells.

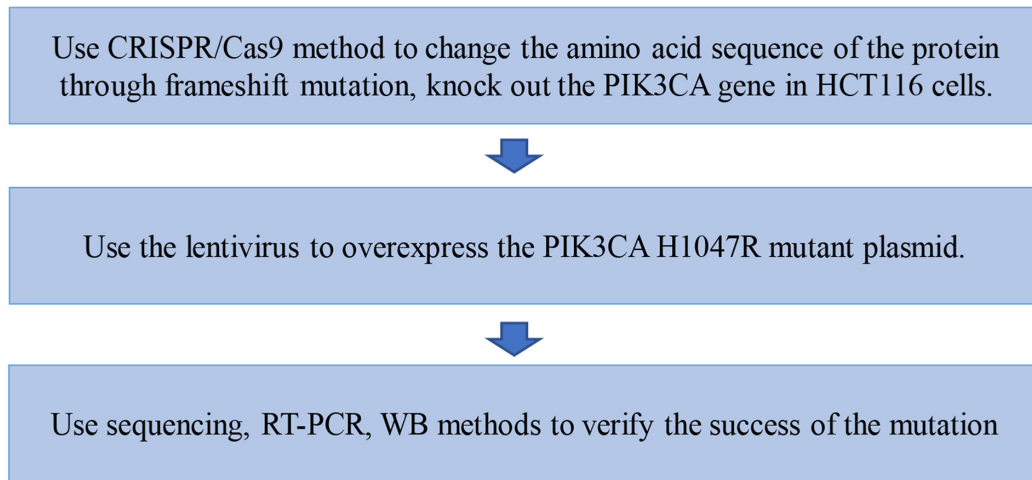


Figure S2. (A) Sequencing results of HCT116, KO and MUT cells. (B) RT-qPCR and western blotting results of HCT116, KO and MUT cells. PIK3CA-N, the antibody binds to the non-frameshift mutant region of PIK3CA; and PIK3CA-F, the antibody binds to the frameshift mutation region of PIK3CA which contains the mutation point. ** $P < 0.01$. KO, knockout; MUT, mutant; PIK3CA, phosphatidylinositol-3-kinase catalytic subunit α .

