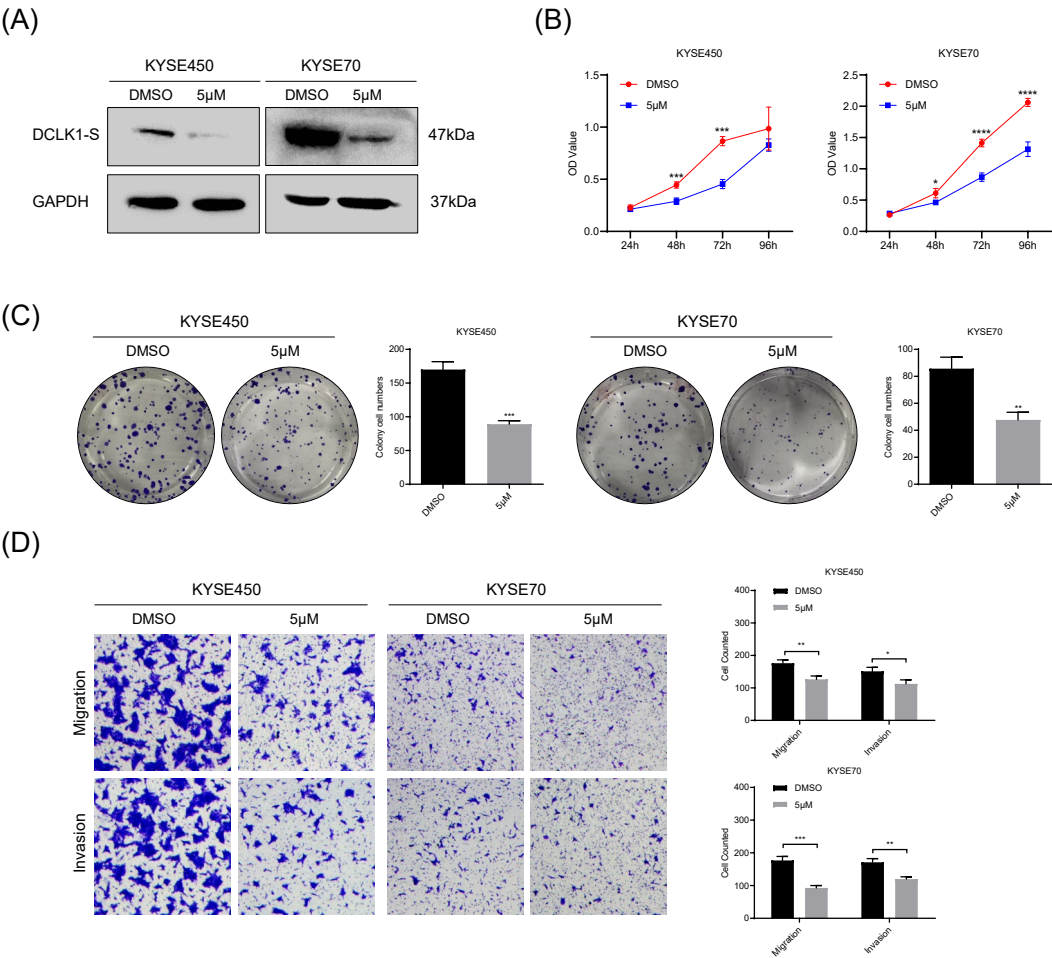


Supplementary Figure 4



Supplementary Figure 4. Inhibition of DCLK1-S decreases progression in ESCC cells. **A.** Western blot analysis of DCLK1 expression after treatment with DCLK1 small molecular inhibitor LRRK2-IN-1 for 48h. **B-C.** Blockade of DCLK1-S expression significantly prevent cell proliferation as determined by CCK8 assay and colony-formation assay (* $p < 0.05$, *** $p < 0.001$). **D.** DCLK1 ablation by the inhibitor LRRK2-IN-1 attenuated the cell migration and invasion as determined by transwell assay (** $p < 0.01$).