

1 **Supplementary Material**

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3 **Glioma-associated oncogene (GLI)-specific decoy oligodeoxynucleotide induces apoptosis**  
4 **and attenuates proliferation, colony formation, and migration in liver cancer cells**

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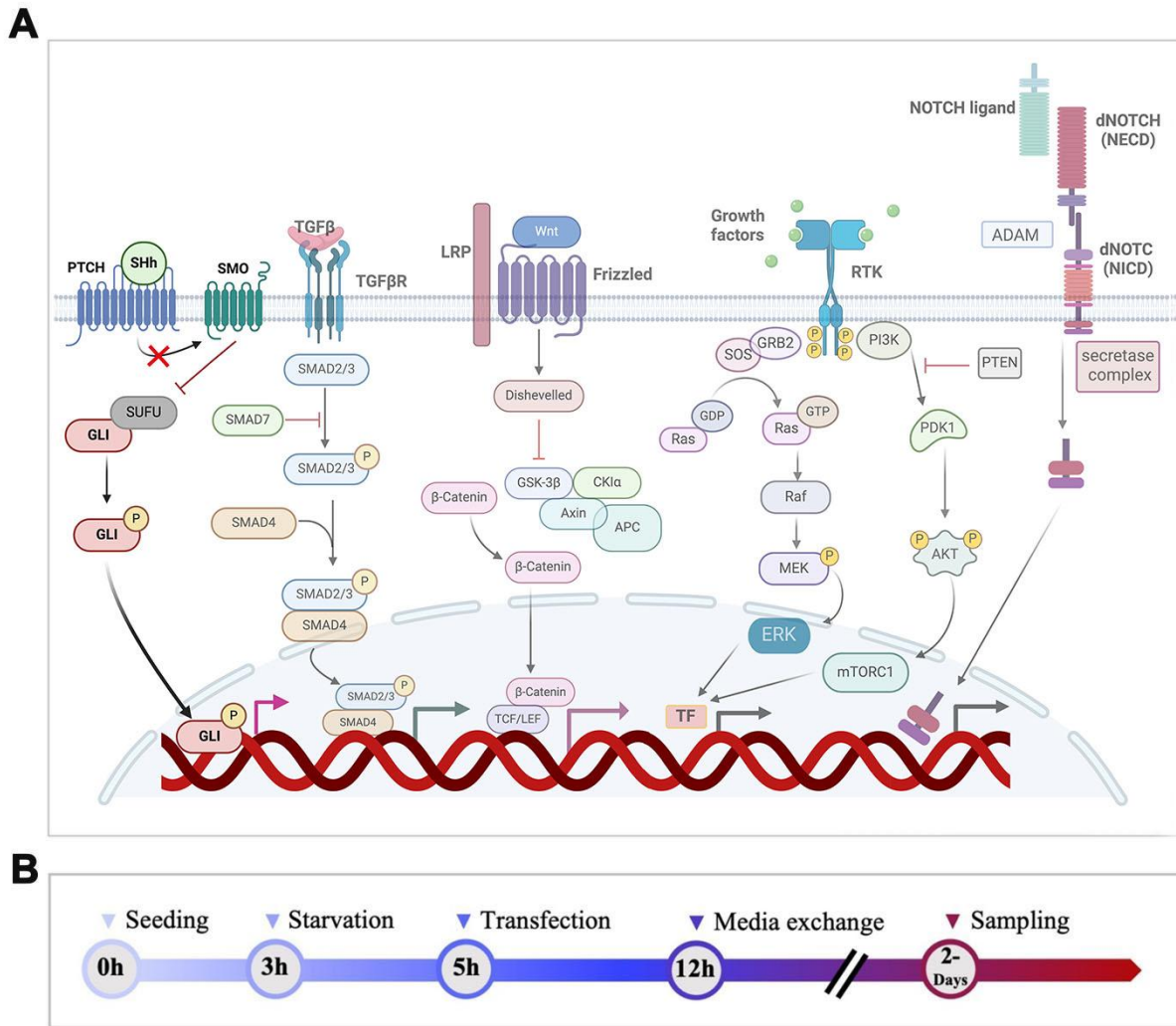
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**Supplementary Figure 1.** Signaling pathways involved in HCC progression. (A) The activation or excessive activity of several signaling pathways plays a significant role in cancer phenotypes, such as uncontrolled cell proliferation, metastasis, angiogenesis, and maintaining the population of cancer stem cells. This figure shows the main pathways in the growth and development of HCC tumors, such as Notch, WNT, TGF- $\beta$ , RTK, and Shh; (B) Schematic timeline of Huh-7 cell line treatment by the decoy ODN and study design. Our sampling was conducted 48 h after GLI-specific decoy ODN transfection. HCC: Hepatocellular carcinoma; ODN: oligodeoxynucleotides; GLI: glioma-associated oncogene.