

Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

pCS2-MT GLI2 delta N

RRID:Addgene_17649

Type: Plasmid

Proper Citation

RRID:Addgene_17649

Plasmid Information

URL: <http://www.addgene.org/17649>

Proper Citation: RRID:Addgene_17649

Insert Name: GLI2

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:15994174](#)

Vector Backbone Description: Backbone Size:4350; Vector Backbone:pCS2-MT; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCS2-MT GLI2 delta N

Relevant Mutation: Missing 328 N-terminal amino acids

Record Creation Time: 20220422T222019+0000

Record Last Update: 20260815T081059+0000

Ratings and Alerts

No rating or validation information has been found for pCS2-MT GLI2 delta N.

No alerts have been found for pCS2-MT GLI2 delta N.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Larsen LJ, et al. (2024) mTORC1 hampers Hedgehog signaling in Tsc2 deficient cells. Life science alliance, 7(11).

Horák P, et al. (2023) The Hedgehog/GLI signaling pathway activates transcription of Slug (Snail2) in melanoma cells. Oncology reports, 49(4).

Niesen J, et al. (2023) hGFAP-mediated GLI2 overexpression leads to early death and severe cerebellar malformations with rare tumor formation. iScience, 26(9), 107501.

Luo J, et al. (2022) Saikosaponin B1 and Saikosaponin D inhibit tumor growth in medulloblastoma allograft mice via inhibiting the Hedgehog signaling pathway. Journal of natural medicines, 76(3), 584.

Adams CR, et al. (2019) Transcriptional control of subtype switching ensures adaptation and growth of pancreatic cancer. eLife, 8.

Babu D, et al. (2019) Novel GLI2 mutations identified in patients with Combined Pituitary Hormone Deficiency (CPHD): Evidence for a pathogenic effect by functional characterization. Clinical endocrinology, 90(3), 449.

Kowolik CM, et al. (2019) Attenuation of hedgehog/GLI signaling by NT1721 extends survival in pancreatic cancer. Journal of experimental & clinical cancer research : CR, 38(1), 431.

Han W, et al. (2017) Novel Molecular Mechanism of Regulation of CD40 Ligand by the Transcription Factor GLI2. Journal of immunology (Baltimore, Md. : 1950), 198(11), 4481.

Viřková K, et al. (2016) Survivin, a novel target of the Hedgehog/GLI signaling pathway in human tumor cells. Cell death & disease, 7(1), e2048.

Tang Y, et al. (2014) Epigenetic targeting of Hedgehog pathway transcriptional output through BET bromodomain inhibition. Nature medicine, 20(7), 732.

David A, et al. (2014) Lack of centrioles and primary cilia in STIL(-/-) mouse embryos. Cell cycle (Georgetown, Tex.), 13(18), 2859.

Mechlin CW, et al. (2010) Gli2 expression and human bladder transitional carcinoma cell invasiveness. The Journal of urology, 184(1), 344.