

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 10, 2026

GLI K12

RRID:Addgene_16419

Type: Plasmid

Proper Citation

RRID:Addgene_16419

Plasmid Information

URL: <http://www.addgene.org/16419>

Proper Citation: RRID:Addgene_16419

Insert Name: GLI

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:2832761](#)

Vector Backbone Description: Backbone Marker:Stratagene; Backbone Size:3000; Vector Backbone:pBluescript KS; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: GLI K12 contains the entire coding region of GLI (-79 to 3522) cloned into the EcoRI site of pBluescript KS. The GLI cDNA contains an internal EcoRI site so the insert should be excised by cleavage with HindIII (at 5' end of Gli cDNA) and XbaI (at 3' end of Gli cDNA).

Plasmid Name: GLI K12

Record Creation Time: 20220422T221928+0000

Record Last Update: 20260808T081131+0000

Ratings and Alerts

No rating or validation information has been found for GLI K12.

No alerts have been found for GLI K12.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Matsumoto K, et al. (2024) Foxo3-mediated physiological cell competition ensures robust tissue patterning throughout vertebrate development. Nature communications, 15(1), 10662.

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

Iglesias-Bartolome R, et al. (2015) Inactivation of a G?(s)-PKA tumour suppressor pathway in skin stem cells initiates basal-cell carcinogenesis. Nature cell biology, 17(6), 793.

Zahreddine HA, et al. (2014) The sonic hedgehog factor GLI1 imparts drug resistance through inducible glucuronidation. Nature, 511(7507), 90.

Amable L, et al. (2014) GLI1 upregulates C-JUN through a specific 130-kDa isoform. International journal of oncology, 44(3), 655.

Kasaai B, et al. (2013) Regulation of the bone-restricted IFITM-like (Bril) gene transcription by Sp and Gli family members and CpG methylation. The Journal of biological chemistry, 288(19), 13278.