

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

GSK3betaS9A (1016)

RRID:Addgene_49492

Type: Plasmid

Proper Citation

RRID:Addgene_49492

Plasmid Information

URL: <http://www.addgene.org/49492>

Proper Citation: RRID:Addgene_49492

Insert Name: GSK3beta S9A

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:23085750](#)

Vector Backbone Description: Vector Backbone:unknown; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: GSK3betaS9A (1016)

Relevant Mutation: S9A (constitutively active)

Record Creation Time: 20220422T222255+0000

Record Last Update: 20260725T074758+0000

Ratings and Alerts

No rating or validation information has been found for GSK3betaS9A (1016).

No alerts have been found for GSK3betaS9A (1016).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Kethamreddy M, et al. (2025) Evaluation of [18F]F-CNBI and [18F]F-CNPI PET Probes in GSK-3 β Transgenic Mice. ACS chemical neuroscience, 16(17), 3340.

Singh D, et al. (2024) PP2A B55 β inhibits epithelial-mesenchymal transition via regulation of Slug expression in non-small cell lung cancer. Cancer letters, 598, 217110.

Jeon MY, et al. (2020) Dexamethasone Inhibits TRAIL-Induced Apoptosis through c-FLIP(L) Upregulation and DR5 Downregulation by GSK3 β Activation in Cancer Cells. Cancers, 12(10).

Lee CH, et al. (2020) LDOC1 Suppresses Microbe-Induced Production of IL-1 β in Human Normal and Cancerous Oral Cells through the PI3K/Akt/GSK-3 β Axis. Cancers, 12(11).

Scott CC, et al. (2018) TFAP2 transcription factors are regulators of lipid droplet biogenesis. eLife, 7.

Li F, et al. (2017) R-Ras-Akt axis induces endothelial lumenogenesis and regulates the patency of regenerating vasculature. Nature communications, 8(1), 1720.

Koh HB, et al. (2016) Transforming Growth Factor- β 1 Increases DNA Methyltransferase 1 and 3a Expression through Distinct Post-transcriptional Mechanisms in Lung Fibroblasts. The Journal of biological chemistry, 291(37), 19287.