

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 4, 2026

pSLQ1651-sgRNA(F+E)-sgGal4

RRID:Addgene_100549

Type: Plasmid

Proper Citation

RRID:Addgene_100549

Plasmid Information

URL: <http://www.addgene.org/100549>

Proper Citation: RRID:Addgene_100549

Insert Name: sgGal4

Organism: E. coli

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:28841410](#)

Vector Backbone Description: Backbone Marker:Addgene #51024; Vector Backbone:pSLQ1651-sgRNA(F+E); Vector Types:Mammalian Expression, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: pSLQ1651-sgRNA(F+E)-sgGal4

Record Creation Time: 20220422T221448+0000

Record Last Update: 20260902T040924+0000

Ratings and Alerts

No rating or validation information has been found for pSLQ1651-sgRNA(F+E)-sgGal4.

No alerts have been found for pSLQ1651-sgRNA(F+E)-sgGal4.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Li S, et al. (2024) TERT upstream promoter methylation regulates TERT expression and acts as a therapeutic target in TERT promoter mutation-negative thyroid cancer. *Cancer cell international*, 24(1), 271.

Lyu J, et al. (2023) Disabling Uncompetitive Inhibition of Oncogenic IDH Mutations Drives Acquired Resistance. *Cancer discovery*, 13(1), 170.

Yang H, et al. (2022) The risk variant rs11836367 contributes to breast cancer onset and metastasis by attenuating Wnt signaling via regulating NTN4 expression. *Science advances*, 8(23), eabn3509.

Lu X, et al. (2022) HOXB13 suppresses de novo lipogenesis through HDAC3-mediated epigenetic reprogramming in prostate cancer. *Nature genetics*, 54(5), 670.

Fan W, et al. (2021) SIRT1 regulates sphingolipid metabolism and neural differentiation of mouse embryonic stem cells through c-Myc-SMPDL3B. *eLife*, 10.

Cha HJ, et al. (2021) Inner nuclear protein Matrin-3 coordinates cell differentiation by stabilizing chromatin architecture. *Nature communications*, 12(1), 6241.

Liu X, et al. (2020) Multiplexed capture of spatial configuration and temporal dynamics of locus-specific 3D chromatin by biotinylated dCas9. *Genome biology*, 21(1), 59.

Liu X, et al. (2018) CAPTURE: In Situ Analysis of Chromatin Composition of Endogenous Genomic Loci by Biotinylated dCas9. *Current protocols in molecular biology*, 123(1), e64.