# Resource Summary Report

Generated by PRECISE-TBI on Aug 10, 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:** 20260808T080305+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 PRECISE-TBI .

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.