

Resource Summary Report

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

pZS1[GalS-L,TreR-L]

RRID:Addgene_60765

Type: Plasmid

Proper Citation

RRID:Addgene_60765

Plasmid Information

URL: <http://www.addgene.org/60765>

Proper Citation: RRID:Addgene_60765

Insert Name: GalS-L

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25035932](#)

Vector Backbone Description: Backbone Marker:Expressys; Backbone Size:4040; Vector Backbone:pZS5; Vector Types:Bacterial Expression, Synthetic Biology; Bacterial Resistance:Ampicillin

Comments: GalS-L and TreR-L also described as LLhS_Q54A and TreR_V52A respectively in PLoS One. 2013 Dec 30;8(12):e83502. doi: 10.1371/journal.pone.0083502. eCollection 2013. Rheostats and toggle switches for modulating protein function. Meinhardt S, Manley MW Jr, Parente DJ, Swint-Kruse L.

Plasmid Name: pZS1[GalS-L,TreR-L]

Relevant Mutation: LacI/GalR repressor chimera. LacI DBD with GalS LBD. Contains point mutation Q54A, E191K

Record Creation Time: 20220422T222349+0000

Record Last Update: 20260815T081735+0000

Ratings and Alerts

No rating or validation information has been found for pZS1[GalS-L,TreR-L].

No alerts have been found for pZS1[GalS-L,TreR-L].

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.