

Resource Summary Report

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

[pzs1\[GalS-L\]](#)

RRID:Addgene_60743

Type: Plasmid

Proper Citation

RRID:Addgene_60743

Plasmid Information

URL: <http://www.addgene.org/60743>

Proper Citation: RRID:Addgene_60743

Insert Name: GalS-L

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25035932](#)

Vector Backbone Description: Backbone Marker:Expressys; Backbone Size:4000; Vector Backbone:pZS5; Vector Types:Bacterial Expression, Synthetic Biology; Bacterial Resistance:Ampicillin

Comments: GalS-L also described as LLhS_Q54A 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]

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].

No alerts have been found for pzs1[GalS-L].

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Gray CJ, et al. (2026) Expanding the toolkit of LacI/GalR chimeras. PloS one, 21(4), e0345158.