

Resource Summary Report

Generated by [RRID](#) on Aug 22, 2026

[pZS1\[FruR-L,RbsR-L\]](#)

RRID:Addgene_60761

Type: Plasmid

Proper Citation

RRID:Addgene_60761

Plasmid Information

URL: <http://www.addgene.org/60761>

Proper Citation: RRID:Addgene_60761

Insert Name: FruR-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: FruR-L and RbsR-L also described as LLhF_Q60S and LLhR_Q60A 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[FruR-L,RbsR-L]

Relevant Mutation: LacI/GalR repressor chimera. LacI DBD with FruR LBD. Contains point mutation Q60S

Record Creation Time: 20220422T222349+0000

Record Last Update: 20260815T081735+0000

Ratings and Alerts

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

No alerts have been found for pZS1[FruR-L,RbsR-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](#) .

Tian L, et al. (2025) SARS-CoV-2 nsp16 is regulated by host E3 ubiquitin ligases, UBR5 and MARCHF7. eLife, 13.