

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

pFLIPglu-2uDelta13

RRID:Addgene_12990

Type: Plasmid

Proper Citation

RRID:Addgene_12990

Plasmid Information

URL: <http://www.addgene.org/12990>

Proper Citation: RRID:Addgene_12990

Insert Name: FLIPglu F16F D152A Delta13

Organism: E. coli

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:16935985](#)

Vector Backbone Description: Backbone Size:0; Vector Backbone:pRT100/pPZP312; Vector Types:Plant Expression, Plant Nanosensor; Bacterial Resistance:Spectinomycin

Comments: For more information, see <http://carnegiedpb.stanford.edu/research/frommer/nanosensors/index.html>

Plasmid Name: pFLIPglu-2uDelta13

Relevant Mutation: D152A mutation in binding protein

Record Creation Time: 20220422T221722+0000

Record Last Update: 20260815T080502+0000

Ratings and Alerts

No rating or validation information has been found for pFLIPglu-2uDelta13.

No alerts have been found for pFLIPglu-2uDelta13.

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](#) .

Zhu Q, et al. (2017) FRET-based glucose imaging identifies glucose signalling in response to biotic and abiotic stresses in rice roots. *Journal of plant physiology*, 215, 65.