

Resource Summary Report

Generated by [nidm-terms](#) on Sep 6, 2026

pRSET FLIPglu-600uDelta11 Ares-Aphrodite

RRID:Addgene_13571

Type: Plasmid

Proper Citation

RRID:Addgene_13571

Plasmid Information

URL: <http://www.addgene.org/13571>

Proper Citation: RRID:Addgene_13571

Insert Name: FLIPglu F16A Delta11 Aphrodite

Organism: E. coli

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:16935985](#)

Vector Backbone Description: Backbone Size:2897; Vector Backbone:pRSET-B; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: For more information, see

<http://carnegiedpb.stanford.edu/research/frommer/nanosensors/index.html> EYFP was exchanged with Aphrodite (accession number DQ525025), which is an codon-diversified version of Venus/EYFP. Ares (accession number DQ525024) was exchanged for ECFP, which is an codon-diversified version of ECFP.

Plasmid Name: pRSET FLIPglu-600uDelta11 Ares-Aphrodite

Relevant Mutation: Fluorophore-derived linker shortened. F16A mutation in mglB

Record Creation Time: 20220422T221748+0000

Record Last Update: 20260905T074811+0000

Ratings and Alerts

No rating or validation information has been found for pRSET FLIPglu-600uDelta11 Ares-Aphrodite.

No alerts have been found for pRSET FLIPglu-600uDelta11 Ares-Aphrodite.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.