Resource Summary Report

Generated by nidm-terms on Aug 9, 2026

pRSET FLIPglu-600uDelta11 Aphrodite

RRID:Addgene_13569
Type: Plasmid

Proper Citation

RRID:Addgene_13569

Plasmid Information

URL: http://www.addgene.org/13569

Proper Citation: RRID:Addgene_13569

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.

Plasmid Name: pRSET FLIPglu-600uDelta11 Aphrodite

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

Record Creation Time: 20220422T221748+0000

Record Last Update: 20260808T080828+0000

Ratings and Alerts

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

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

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at nidm-terms .

Behjousiar A, et al. (2012) In situ monitoring of intracellular glucose and glutamine in CHO cell culture. PloS one, 7(4), e34512.

Bourd??s A, et al. (2012) Mining the Sinorhizobium meliloti transportome to develop FRET biosensors for sugars, dicarboxylates and cyclic polyols. PloS one, 7(9), e43578.