

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 14, 2026

pFLIPmal-40uDelta1YFP

RRID:Addgene_18853

Type: Plasmid

Proper Citation

RRID:Addgene_18853

Plasmid Information

URL: <http://www.addgene.org/18853>

Proper Citation: RRID:Addgene_18853

Insert Name: optimized maltose FRET sensor

Organism: E. coli

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:18522753](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:3000; Vector Backbone:pRSET; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: W230A mutation, which we introduced to change the affinity.

Plasmid Name: pFLIPmal-40uDelta1YFP

Relevant Mutation: N227A;

Record Creation Time: 20220422T222043+0000

Record Last Update: 20260808T081346+0000

Ratings and Alerts

No rating or validation information has been found for pFLIPmal-40uDelta1YFP.

No alerts have been found for pFLIPmal-40uDelta1YFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.