

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

mCardinal-Farnesyl-5

RRID:Addgene_56159

Type: Plasmid

Proper Citation

RRID:Addgene_56159

Plasmid Information

URL: <http://www.addgene.org/56159>

Proper Citation: RRID:Addgene_56159

Insert Name: Farnesyl

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:24633408](#)

Vector Backbone Description: Backbone Size:4750; Vector Backbone:mCardinal;
Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Encodes mPlum with the C-terminal farnesylation signal from c-Ras.
Excitation = 604; Emission = 659

Plasmid Name: mCardinal-Farnesyl-5

Relevant Mutation: encodes final 20 aa of NM_001130442.1

Record Creation Time: 20220422T222328+0000

Record Last Update: 20260725T074855+0000

Ratings and Alerts

No rating or validation information has been found for mCardinal-Farnesyl-5.

No alerts have been found for mCardinal-Farnesyl-5.

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 [NIF](#) .

Ismail V, et al. (2022) Identification and functional evaluation of GRIA1 missense and truncation variants in individuals with ID: An emerging neurodevelopmental syndrome. American journal of human genetics, 109(7), 1217.