

Resource Summary Report

Generated by [NIF](#) on Aug 22, 2026

pMito-iRFP713

RRID:Addgene_45465

Type: Plasmid

Proper Citation

RRID:Addgene_45465

Plasmid Information

URL: <http://www.addgene.org/45465>

Proper Citation: RRID:Addgene_45465

Insert Name: iRFP713

Organism: Rhodopseudomonas palustris

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:23770755](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4038; Vector Backbone:pN1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: For more information on in vivo imaging, please see:
https://www.addgene.org/fluorescent_proteins/in_vivo/

Plasmid Name: pMito-iRFP713

Relevant Mutation: T2A, S13L, A92T, V104T, V114I, E161K, Y193K, F198Y, D202T, I203V, Y258F, A283V, K288T, N290Y relative to RpBphP2

Record Creation Time: 20220422T222235+0000

Record Last Update: 20260815T081524+0000

Ratings and Alerts

No rating or validation information has been found for pMito-iRFP713.

No alerts have been found for pMito-iRFP713.

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 [NIF](#) .

Papadaki S, et al. (2022) Dual-expression system for blue fluorescent protein optimization. Scientific reports, 12(1), 10190.

Kirova DG, et al. (2022) A ROS-dependent mechanism promotes CDK2 phosphorylation to drive progression through S phase. Developmental cell, 57(14), 1712.