Resource Summary Report

Generated by NIF on Aug 25, 2026

pBAD/HisB-iRFP702

RRID:Addgene_45455
Type: Plasmid

Proper Citation

RRID:Addgene_45455

Plasmid Information

URL: http://www.addgene.org/45455

Proper Citation: RRID:Addgene_45455

Insert Name: iRFP702

Organism: Rhodopseudomonas palustris

Bacterial Resistance: Ampicillin

Defining Citation: PMID:23770755

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:4074; Vector Backbone:pBAD/HisB; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pBAD/HisB-iRFP702

Relevant Mutation: T2A, S45T, D124E, M170L, D202L, I203V, I219V, R233H, V251I, Y258F, A283I, F307L relative to RpBphP6

Record Creation Time: 20220422T222234+0000

Record Last Update: 20260815T081524+0000

Ratings and Alerts

No rating or validation information has been found for pBAD/HisB-iRFP702.

No alerts have been found for pBAD/HisB-iRFP702.

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 .

Piatkevich KD, et al. (2017) Near-Infrared Fluorescent Proteins Engineered from Bacterial Phytochromes in Neuroimaging. Biophysical journal, 113(10), 2299.