

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

pBAD/HisB-iRFP720

RRID:Addgene_45460

Type: Plasmid

Proper Citation

RRID:Addgene_45460

Plasmid Information

URL: <http://www.addgene.org/45460>

Proper Citation: RRID:Addgene_45460

Insert Name: iRFP720

Organism: Rhodopseudomonas palustris

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:23770755](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:4067; Vector Backbone:pBAD/HisB; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pBAD/HisB-iRFP720

Relevant Mutation: T2A, S13L, A92T, V104T, V114I, E161K, E180S, Y193K, F198Y, D202F, V254N, Y258F, A283V, K288T, N290Y relative to RpBphP2

Record Creation Time: 20220422T222234+0000

Record Last Update: 20260815T081524+0000

Ratings and Alerts

No rating or validation information has been found for pBAD/HisB-iRFP720.

No alerts have been found for pBAD/HisB-iRFP720.

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 [RRID](#) .

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