

Resource Summary Report

Generated by [dkNET](#) on Aug 16, 2026

pKL10-mRuby-iATPSnFR1.0 bb118

RRID:Addgene_158980

Type: Plasmid

Proper Citation

RRID:Addgene_158980

Plasmid Information

URL: <http://www.addgene.org/158980>

Proper Citation: RRID:Addgene_158980

Insert Name: mruby-iATPSnFR1.0

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:32748785](#)

Vector Backbone Description: Backbone Size:2300; Vector Backbone:bb118; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: mruby-iATPSnFR was engineered in the paper above, then codon optimized for E. coli on a G-block and cloned into our bb118 backbone to facilitate constitutive expression . Please visit <https://doi.org/10.1101/2020.04.23.058362> for bioRxiv preprint.

Plasmid Name: pKL10-mRuby-iATPSnFR1.0 bb118

Relevant Mutation: codon optimized for e. coli from Addgene#102557

Record Creation Time: 20220422T221901+0000

Record Last Update: 20260815T080823+0000

Ratings and Alerts

No rating or validation information has been found for pKL10-mRuby-iATPSnFR1.0 bb118.

No alerts have been found for pKL10-mRuby-iATPSnFR1.0 bb118.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.