

# Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

## pKL10-mRuby-iATPSnFR1.0 bb118

RRID:Addgene\_158980

Type: Plasmid

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### Proper Citation

RRID:Addgene\_158980

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### 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

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### 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.

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### Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.