

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 2, 2026

Burden Monitor lambda version

RRID:Addgene_66073

Type: Plasmid

Proper Citation

RRID:Addgene_66073

Plasmid Information

URL: <http://www.addgene.org/66073>

Proper Citation: RRID:Addgene_66073

Insert Name: GFP

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:25849635](#)

Vector Backbone Description: Backbone Size:2455; Vector Backbone:pAH63; Vector Types;; Bacterial Resistance:Kanamycin

Plasmid Name: Burden Monitor lambda version

Record Creation Time: 20220422T222415+0000

Record Last Update: 20260902T045938+0000

Ratings and Alerts

No rating or validation information has been found for Burden Monitor lambda version.

No alerts have been found for Burden Monitor lambda version.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Radde N, et al. (2024) Measuring the burden of hundreds of BioBricks defines an evolutionary limit on constructability in synthetic biology. Nature communications, 15(1), 6242.

Radde N, et al. (2024) Measuring the burden of hundreds of BioBricks defines an evolutionary limit on constructability in synthetic biology. bioRxiv : the preprint server for biology.

Boo A, et al. (2021) Engineering Sensors for Gene Expression Burden. Methods in molecular biology (Clifton, N.J.), 2229, 313.