

Resource Summary Report

Generated by [dkNET](#) on Aug 20, 2026

pBad-Int Set Flipper

RRID:Addgene_38209

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/38209>

Proper Citation: RRID:Addgene_38209

Insert Name: Bxb1 Integrase

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:22615351](#)

Vector Backbone Description: Vector Backbone:pSB3K1; Vector Types:Synthetic Biology, BioBrick cloning vector; Bacterial Resistance:Kanamycin

Comments: The Bxb1 integrase was cloned downstream of the PBAD/AraC promoter (BBa_I0500) on pSB3K1 plasmid bearing a p15A origin of replication (15-20 copies). This version of the integrase has a 6-His-tag which we found to stabilize the protein. Therefore, a weak RBS (BBa_B0031) and a LAA ssrA tag was added to reduce the basal expression of the enzyme.

Plasmid Name: pBad-Int Set Flipper

Record Creation Time: 20220422T222201+0000

Record Last Update: 20260815T081420+0000

Ratings and Alerts

No rating or validation information has been found for pBad-Int Set Flipper.

No alerts have been found for pBad-Int Set Flipper.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.