

Resource Summary Report

Generated by [NIF](#) on Sep 15, 2026

Lenti-EFS-BirAopt-GSQ-RBXN-P2A-BLAST

RRID:Addgene_208048

Type: Plasmid

Proper Citation

RRID:Addgene_208048

Plasmid Information

URL: <http://www.addgene.org/208048>

Proper Citation: RRID:Addgene_208048

Insert Name: BirAopt

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:37996419](#)

Vector Backbone Description: Vector Backbone:Derived from Addgene ID# 52962 (Zhang Lab).; Vector Types:Lentiviral; Bacterial Resistance:Ampicillin

Comments: Expresses optimized BirA only (with short C-terminal fusion derived from GSQ linker, RBXN polylinker, and P2A remnant). For performing BioE3 experiments; can be used for transient expression or packaged into lentiviral particles for stable cell line selection.

Plasmid Name: Lenti-EFS-BirAopt-GSQ-RBXN-P2A-BLAST

Relevant Mutation: BirAopt is human-codon-optimized BirA (PMID 15707685)

Record Creation Time: 20231201T080532+0000

Record Last Update: 20260912T093938+0000

Ratings and Alerts

No rating or validation information has been found for Lenti-EFS-BirAopt-GSQ-RBXN-P2A-BLAST.

No alerts have been found for Lenti-EFS-BirAopt-GSQ-RBXN-P2A-BLAST.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.