

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

[pGEX iLOV](#)

RRID:Addgene_26587

Type: Plasmid

Proper Citation

RRID:Addgene_26587

Plasmid Information

URL: <http://www.addgene.org/26587>

Proper Citation: RRID:Addgene_26587

Insert Name: iLOV

Organism: Arabidopsis thaliana

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19060199](#)

Vector Backbone Description: Backbone Marker:GE Healthcare; Backbone Size:4900; Vector Backbone:pGEX-4T-1; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pGEX iLOV

Record Creation Time: 20220422T222119+0000

Record Last Update: 20260815T081254+0000

Ratings and Alerts

No rating or validation information has been found for pGEX iLOV.

No alerts have been found for pGEX iLOV.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Schnizlein MK, et al. (2025) Genetic- and culture-based tools for studying *Bacteroides fragilis*. Microbiology resource announcements, 14(5), e0000625.

Greiss F, et al. (2020) From deterministic to fuzzy decision-making in artificial cells. Nature communications, 11(1), 5648.

Roderer D, et al. (2019) Towards the application of Tc toxins as a universal protein translocation system. Nature communications, 10(1), 5263.

Cheuk A, et al. (2018) A New Barley Stripe Mosaic Virus Allows Large Protein Overexpression for Rapid Function Analysis. Plant physiology, 176(3), 1919.

Cheuk A, et al. (2017) A rapid and efficient method for uniform gene expression using the barley stripe mosaic virus. Plant methods, 13, 24.

Kopka B, et al. (2017) Electron transfer pathways in a light, oxygen, voltage (LOV) protein devoid of the photoactive cysteine. Scientific reports, 7(1), 13346.

Davari MD, et al. (2016) Photophysics of the LOV-Based Fluorescent Protein Variant iLOV-Q489K Determined by Simulation and Experiment. The journal of physical chemistry. B, 120(13), 3344.