

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

His6_BcLOV4_mCherry_BamUK

RRID:Addgene_114596

Type: Plasmid

Proper Citation

RRID:Addgene_114596

Plasmid Information

URL: <http://www.addgene.org/114596>

Proper Citation: RRID:Addgene_114596

Insert Name: BcLOV4

Organism: Botrytis cinerea

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:30065115](#)

Vector Backbone Description: Backbone Size:5000; Vector Backbone:BamUK; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Plasmid Name: His6_BcLOV4_mCherry_BamUK

Record Creation Time: 20220422T221600+0000

Record Last Update: 20260808T080510+0000

Ratings and Alerts

No rating or validation information has been found for His6_BcLOV4_mCherry_BamUK.

No alerts have been found for His6_BcLOV4_mCherry_BamUK.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Zheng X, et al. (2026) Autonomous Cargo Transport with Biohybrid Microswimmers Enabled by Light-Mediated Bacteria-Cargo Communication. Advanced materials (Deerfield Beach, Fla.), 38(25), e72950.

Veerasubramanian N, et al. (2025) Light-Controlled Promiscuous Cell Adhesion through the Plasma Membrane-Binding Protein BcLOV4. Bioconjugate chemistry.