

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

pJL1

RRID:Addgene_69496

Type: Plasmid

Proper Citation

RRID:Addgene_69496

Plasmid Information

URL: <http://www.addgene.org/69496>

Proper Citation: RRID:Addgene_69496

Insert Name: Super folder GFP

Organism: Other

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:29572528](#)

Vector Backbone Description: Backbone Size:1763; Vector Backbone:pUC18; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pJL1

Record Creation Time: 20220422T222430+0000

Record Last Update: 20260815T081852+0000

Ratings and Alerts

No rating or validation information has been found for pJL1.

No alerts have been found for pJL1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 33 mentions in open access literature.

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

Dinglasan JLN, et al. (2026) A Simple and Versatile Cell-Free Expression Method for Producing Secondary Metabolites. *ACS synthetic biology*, 15(1), 99.

Landwehr GM, et al. (2025) Accelerated enzyme engineering by machine-learning guided cell-free expression. *Nature communications*, 16(1), 865.

Van de Steen A, et al. (2024) Encapsulation of Transketolase into In Vitro-Assembled Protein Nanocompartments Improves Thermal Stability. *ACS applied bio materials*, 7(6), 3660.

Liu WQ, et al. (2024) Cell-free biosynthesis and engineering of ribosomally synthesized lanthipeptides. *Nature communications*, 15(1), 4336.

Deuker D, et al. (2024) Adeno-Associated Virus 5 Protein Particles Produced by E. coli Cell-Free Protein Synthesis. *ACS synthetic biology*, 13(9), 2710.

Landwehr GM, et al. (2024) A synthetic cell-free pathway for biocatalytic upgrading of one-carbon substrates. *bioRxiv : the preprint server for biology*.

Meng Y, et al. (2023) Cell-Free Expression of a Therapeutic Protein Serratopeptidase. *Molecules (Basel, Switzerland)*, 28(7).

Dinglasan JLN, et al. (2023) Investigating and Optimizing the Lysate-Based Expression of Nonribosomal Peptide Synthetases Using a Reporter System. *ACS synthetic biology*, 12(5), 1447.

Ngo PHT, et al. (2023) Changes in Coding and Efficiency through Modular Modifications to a One Pot PURE System for In Vitro Transcription and Translation. *ACS synthetic biology*, 12(12), 3771.

DeWinter MA, et al. (2023) Point-of-Care Peptide Hormone Production Enabled by Cell-Free Protein Synthesis. *ACS synthetic biology*, 12(4), 1216.

Liew FE, et al. (2022) Carbon-negative production of acetone and isopropanol by gas fermentation at industrial pilot scale. *Nature biotechnology*, 40(3), 335.

Jew K, et al. (2022) Characterizing and Improving pET Vectors for Cell-free Expression. *Frontiers in bioengineering and biotechnology*, 10, 895069.

Vögeli B, et al. (2022) Cell-free prototyping enables implementation of optimized reverse ?-oxidation pathways in heterotrophic and autotrophic bacteria. *Nature communications*, 13(1), 3058.

Yang C, et al. (2022) Establishing a *Klebsiella pneumoniae*-Based Cell-Free Protein Synthesis System. *Molecules (Basel, Switzerland)*, 27(15).

Dudley QM, et al. (2021) Biofoundry-assisted expression and characterization of plant proteins. *Synthetic biology (Oxford, England)*, 6(1), ysab029.

Dopp JL, et al. (2021) Rapid, Enzymatic Methods for Amplification of Minimal, Linear Templates for Protein Prototyping using Cell-Free Systems. Journal of visualized experiments : JoVE(172).

Stark JC, et al. (2021) On-demand biomanufacturing of protective conjugate vaccines. Science advances, 7(6).

Tamiev BD, et al. (2021) Anaerobic Conditioning of E. coli Cell Lysate for Enhanced In Vitro Protein Synthesis. ACS synthetic biology, 10(4), 716.

Colant N, et al. (2021) Escherichia Coli-Based Cell-Free Protein Synthesis for Iterative Design of Tandem-Core Virus-Like Particles. Vaccines, 9(3).

Nguyen PQ, et al. (2021) Wearable materials with embedded synthetic biology sensors for biomolecule detection. Nature biotechnology, 39(11), 1366.