

Resource Summary Report

Generated by [dkNET](#) on Sep 1, 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: 20260829T080924+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 [dkNET](#) .

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.

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

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.

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 β -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).

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).

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

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.