Resource Summary Report

Generated by RRID on Aug 17, 2026

pICSL11024 (pICH47732::NOSp-NPTII-OCST)

RRID:Addgene_51144
Type: Plasmid

Proper Citation

RRID:Addgene_51144

Plasmid Information

URL: http://www.addgene.org/51144

Proper Citation: RRID:Addgene_51144

Insert Name: NOSp-NPTII-OCST

Organism: Synthetic

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:Sylvestre Marillonnet; Vector Backbone:pICH47732; Vector Types:; Bacterial Resistance:Ampicillin

Plasmid Name: pICSL11024 (pICH47732::NOSp-NPTII-OCST)

Record Creation Time: 20220422T222301+0000

Record Last Update: 20260815T081614+0000

Ratings and Alerts

No rating or validation information has been found for pICSL11024 (pICH47732::NOSp-NPTII-OCST).

No alerts have been found for pICSL11024 (pICH47732::NOSp-NPTII-OCST).

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 22 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Van Vu T, et al. (2026) Development of an ultra-efficient prime editing system in tomato. Nature communications, 17(1), 95.

Swinnen G, et al. (2025) Application of a GRF-GIF chimera enhances plant regeneration for genome editing in tomato. Plant biotechnology journal, 23(9), 4044.

Almeida J, et al. (2025) The FIBRILLIN multigene family in tomato, their roles in plastoglobuli structure and metabolism. The Plant journal : for cell and molecular biology, 123(5), e70447.

Kunta S, et al. (2025) Species-specific PHYTOCHROME-INTERACTING FACTOR utilization in the plant morphogenetic response to environmental stimuli. The Plant cell, 37(5).

Perk EA, et al. (2024) CRISPR-Cas9 Protocol for Efficient Gene Knockout and Transgene-free Plant Generation. Bio-protocol, 14(11), e5012.

Kerwin RE, et al. (2024) Tomato root specialized metabolites evolved through gene duplication and regulatory divergence within a biosynthetic gene cluster. Science advances, 10(17), eadn3991.

Giacomelli L, et al. (2023) Simultaneous editing of two DMR6 genes in grapevine results in reduced susceptibility to downy mildew. Frontiers in plant science, 14, 1242240.

Vollheyde K, et al. (2023) An improved Nicotiana benthamiana bioproduction chassis provides novel insights into nicotine biosynthesis. The New phytologist, 240(1), 302.

Drapal M, et al. (2023) The potential of metabolomics in assessing global compositional changes resulting from the application of CRISPR/Cas9 technologies. Transgenic research, 32(4), 265.

Tran MT, et al. (2021) CRISPR/Cas9-based precise excision of SlHyPRP1 domain(s) to obtain salt stress-tolerant tomato. Plant cell reports, 40(6), 999.

Son GH, et al. (2021) Conserved Opposite Functions in Plant Resistance to Biotrophic and Necrotrophic Pathogens of the Immune Regulator SRFR1. International journal of molecular sciences, 22(12).

Kourelis J, et al. (2020) Evolution of a guarded decoy protease and its receptor in solanaceous plants. Nature communications, 11(1), 4393.

Fan P, et al. (2020) Evolution of a plant gene cluster in Solanaceae and emergence of metabolic diversity. eLife, 9.

Israeli A, et al. (2019) Multiple Auxin-Response Regulators Enable Stability and Variability in Leaf Development. Current biology : CB, 29(11), 1746.

Wang D, et al. (2019) Characterization of CRISPR Mutants Targeting Genes Modulating Pectin Degradation in Ripening Tomato. Plant physiology, 179(2), 544.

Leong BJ, et al. (2019) Evolution of metabolic novelty: A trichome-expressed invertase creates specialized metabolic diversity in wild tomato. Science advances, 5(4), eaaw3754.

Buscaill P, et al. (2019) Glycosidase and glycan polymorphism control hydrolytic release of immunogenic flagellin peptides. Science (New York, N.Y.), 364(6436).

Tomlinson L, et al. (2019) Using CRISPR/Cas9 genome editing in tomato to create a gibberellin-responsive dominant dwarf DELLA allele. Plant biotechnology journal, 17(1), 132.

Bollier N, et al. (2018) At-MINI ZINC FINGER2 and Sl-INHIBITOR OF MERISTEM ACTIVITY, a Conserved Missing Link in the Regulation of Floral Meristem Termination in Arabidopsis and Tomato. The Plant cell, 30(1), 83.

Wu S, et al. (2018) A common genetic mechanism underlies morphological diversity in fruits and other plant organs. Nature communications, 9(1), 4734.