

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

[pcDNA3-OVA](#)

RRID:Addgene_64599

Type: Plasmid

Proper Citation

RRID:Addgene_64599

Plasmid Information

URL: <http://www.addgene.org/64599>

Proper Citation: RRID:Addgene_64599

Insert Name: Ovalbumin

Organism: Gallus gallus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:11313828](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pcDNA3-OVA

Record Creation Time: 20220422T222409+0000

Record Last Update: 20260815T081811+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3-OVA.

No alerts have been found for pcDNA3-OVA.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 21 mentions in open access literature.

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

Yang WH, et al. (2025) Ribonuclease 1 Induces T-Cell Dysfunction and Impairs CD8+ T-Cell Cytotoxicity to Benefit Tumor Growth through Hijacking STAT1. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(13), e2404961.

Tai JA, et al. (2024) Immunogenic Comparison of Nucleic Acid-Based Vaccines Administered by Pyro-Drive Jet Injector. *Vaccines*, 12(7).

Vernhes E, et al. (2024) Antigen self-anchoring onto bacteriophage T5 capsid-like particles for vaccine design. *NPJ vaccines*, 9(1), 6.

Azizi H, et al. (2024) Self-amplifying RNAs generated with the modified nucleotides 5-methylcytidine and 5-methyluridine mediate strong expression and immunogenicity in vivo. *NAR molecular medicine*, 1(2), ugae004.

Lam AK, et al. (2023) Immunization of Mice with Virus-Like Vesicles of Kaposi Sarcoma-Associated Herpesvirus Reveals a Role for Antibodies Targeting ORF4 in Activating Complement-Mediated Neutralization. *Journal of virology*, 97(2), e0160022.

Raman V, et al. (2023) Intracellular Salmonella delivery of an exogenous immunization antigen refocuses CD8 T cells against cancer cells, eliminates pancreatic tumors and forms antitumor immunity. *Frontiers in immunology*, 14, 1228532.

Li Y, et al. (2023) A micro-electroporation/electrophoresis-based vaccine screening system reveals the impact of vaccination orders on cross-protective immunity. *iScience*, 26(10), 108086.

Sparbier CE, et al. (2023) Targeting Menin disrupts the KMT2A/B and polycomb balance to paradoxically activate bivalent genes. *Nature cell biology*, 25(2), 258.

Bowman-Kirigin JA, et al. (2023) The Conventional Dendritic Cell 1 Subset Primes CD8+ T Cells and Traffics Tumor Antigen to Drive Antitumor Immunity in the Brain. *Cancer immunology research*, 11(1), 20.

Gong Z, et al. (2022) Lung fibroblasts facilitate pre-metastatic niche formation by remodeling the local immune microenvironment. *Immunity*, 55(8), 1483.

Chan KL, et al. (2022) Inhibition of the CtBP complex and FBXO11 enhances MHC class II expression and anti-cancer immune responses. *Cancer cell*, 40(10), 1190.

Papadas A, et al. (2022) Stromal remodeling regulates dendritic cell abundance and activity in the tumor microenvironment. *Cell reports*, 40(7), 111201.

Barrera-Avalos C, et al. (2021) Adenosine triphosphate, polymyxin B and B16 cell-derived immunization induce anticancer response. *Immunotherapy*, 13(4), 309.

Ducoli L, et al. (2021) LETR1 is a lymphatic endothelial-specific lncRNA governing cell proliferation and migration through KLF4 and SEMA3C. *Nature communications*, 12(1), 925.

Barrera-Avalos C, et al. (2021) P2X7 receptor is essential for cross-dressing of bone marrow-derived dendritic cells. *iScience*, 24(12), 103520.

Liu L, et al. (2021) Intravital molecular imaging reveals the restrained capacity of CTLs in the killing of tumor cells in the liver. *Theranostics*, 11(1), 194.

Cousin N, et al. (2021) Lymphatic PD-L1 Expression Restricts Tumor-Specific CD8⁺ T-cell Responses. *Cancer research*, 81(15), 4133.

Su Q, et al. (2019) One-step artificial antigen presenting cell-based vaccines induce potent effector CD8 T cell responses. *Scientific reports*, 9(1), 18949.

Chang C, et al. (2019) Stable Immune Response Induced by Intradermal DNA Vaccination by a Novel Needleless Pyro-Drive Jet Injector. *AAPS PharmSciTech*, 21(1), 19.

Burr ML, et al. (2019) An Evolutionarily Conserved Function of Polycomb Silences the MHC Class I Antigen Presentation Pathway and Enables Immune Evasion in Cancer. *Cancer cell*, 36(4), 385.