Resource Summary Report

Generated by dkNET on Aug 7, 2026

pET21-Streptavidin-Glutamate_Tag

RRID:Addgene_46367
Type: Plasmid

Proper Citation

RRID:Addgene_46367

Plasmid Information

URL: http://www.addgene.org/46367

Proper Citation: RRID:Addgene_46367

Insert Name: Streptavidin-Glutamate_Tag

Organism: E. coli

Bacterial Resistance: Ampicillin

Defining Citation: PMID:24056174

Vector Backbone Description: Backbone Marker:Novagen; Backbone Size:5400; Vector Backbone:pET21; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pET21-Streptavidin-Glutamate_Tag

Record Creation Time: 20220422T222239+0000

Record Last Update: 20260801T081342+0000

Ratings and Alerts

No rating or validation information has been found for pET21-Streptavidin-Glutamate_Tag.

No alerts have been found for pET21-Streptavidin-Glutamate_Tag.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Halfmann PJ, et al. (2026) Immunogenicity and protective efficacy of MERS CoV, NL140422, and HKU4 spike protein nanoparticle vaccines. Npj viruses, 4(1), 12.

Halfmann PJ, et al. (2025) Multivalent S2 subunit vaccines provide broad protection against Clade 1 sarbecoviruses in female mice. Nature communications, 16(1), 462.

Biswas A, et al. (2025) Inverted H1 hemagglutinin nanoparticle vaccines protect mice against challenges with human H1N1 and bovine H5N1 influenza viruses. NPJ vaccines, 10(1), 225.

Halfmann PJ, et al. (2025) Potent bivalent nanobody constructs that protect against the SARS-CoV-2 XBB variant. Npj viruses, 3(1), 19.

Halfmann PJ, et al. (2025) Merbecovirus S2 subunit vaccines elicit cross reactive antibodies and provide partial protection against MERS coronavirus. Npj viruses, 3(1), 60.

Halfmann PJ, et al. (2025) Characterization and immunogenicity of nanoparticle vaccines based on Clade 2 and Clade 3 sarbecovirus S2 proteins. NPJ vaccines, 11(1), 13.

Halfmann PJ, et al. (2024) Broad protection against clade 1 sarbecoviruses after a single immunization with cocktail spike-protein-nanoparticle vaccine. Nature communications, 15(1), 1284.

Halfmann PJ, et al. (2023) Broad Protection Against Clade 1 Sarbecoviruses After a Single Immunization with Cocktail Spike-Protein-Nanoparticle Vaccine. Research square.

Frey SJ, et al. (2023) Nanovaccines Displaying the Influenza Virus Hemagglutinin in an Inverted Orientation Elicit an Enhanced Stalk-Directed Antibody Response. Advanced healthcare materials, 12(13), e2202729.

Halfmann PJ, et al. (2022) Multivalent S2-based vaccines provide broad protection against SARS-CoV-2 variants of concern and pangolin coronaviruses. EBioMedicine, 86, 104341.

Castro A, et al. (2021) Refocusing the Immune Response to Selected Epitopes on a Zika Virus Protein Antigen by Nanopatterning. Advanced healthcare materials, 10(15), e2002140.

Zhang B, et al. (2021) Probing Bioelectronic Connections Using Streptavidin Molecules with Modified Valency. Journal of the American Chemical Society, 143(37), 15139.

Chiba S, et al. (2021) Multivalent nanoparticle-based vaccines protect hamsters against SARS-CoV-2 after a single immunization. Communications biology, 4(1), 597.

Jacobsen MT, et al. (2017) Amine Landscaping to Maximize Protein-Dye Fluorescence and Ultrastable Protein-Ligand Interaction. Cell chemical biology, 24(8), 1040.