

Resource Summary Report

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

secreted BirA-Flag

RRID:Addgene_64395

Type: Plasmid

Proper Citation

RRID:Addgene_64395

Plasmid Information

URL: <http://www.addgene.org/64395>

Proper Citation: RRID:Addgene_64395

Insert Name: BirA

Organism: E. coli

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:18296487](#)

Vector Backbone Description: Backbone Marker:Yves Durocher; Backbone Size:6000; Vector Backbone:pTT3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: secreted BirA-Flag

Record Creation Time: 20220422T222408+0000

Record Last Update: 20260815T081810+0000

Ratings and Alerts

No rating or validation information has been found for secreted BirA-Flag.

No alerts have been found for secreted BirA-Flag.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Heiden R, et al. (2025) WNT7A/B assemble a GPR124-RECK-LRP5/6 coreceptor complex to activate β -catenin signaling in brain endothelial cells. *The Journal of biological chemistry*, 301(10), 110682.

Baker JM, et al. (2025) A novel sweeping antibody exhibits efficient clearance of the cancer- and autoimmunity-associated cytokine interleukin 16. *bioRxiv : the preprint server for biology*.

Patel PN, et al. (2025) A strain-transcending anti-AMA1 human monoclonal antibody neutralizes malaria parasites independent of direct RON2L receptor blockade. *Cell reports. Medicine*, 6(3), 101985.

Anraku Y, et al. (2025) Structural and virological identification of neutralizing antibody footprint provides insights into therapeutic antibody design against SARS-CoV-2 variants. *Communications biology*, 8(1), 483.

Yang L, et al. (2024) Uncovering receptor-ligand interactions using a high-avidity CRISPR activation screening platform. *Science advances*, 10(7), eadj2445.

Wang LT, et al. (2024) Natural malaria infection elicits rare but potent neutralizing antibodies to the blood-stage antigen RH5. *Cell*, 187(18), 4981.

Vaknin A, et al. (2024) Ebola Virus Glycoprotein Strongly Binds to Membranes in the Absence of Receptor Engagement. *ACS infectious diseases*, 10(5), 1590.

Inoue T, et al. (2023) Antibody feedback contributes to facilitating the development of Omicron-reactive memory B cells in SARS-CoV-2 mRNA vaccinees. *The Journal of experimental medicine*, 220(2).

Patel PN, et al. (2023) Structure-based design of a strain transcending AMA1-RON2L malaria vaccine. *Nature communications*, 14(1), 5345.

Funari R, et al. (2022) Nanoplasmonic multiplex biosensing for COVID-19 vaccines. *Biosensors & bioelectronics*, 208, 114193.

Ramberger E, et al. (2021) PRISMA and BioID disclose a motifs-based interactome of the intrinsically disordered transcription factor C/EBP β . *iScience*, 24(6), 102686.

Anisul M, et al. (2021) A proteome-wide genetic investigation identifies several SARS-CoV-2-exploited host targets of clinical relevance. *eLife*, 10.

Pettmann J, et al. (2021) The discriminatory power of the T cell receptor. *eLife*, 10.

Barton MI, et al. (2021) Effects of common mutations in the SARS-CoV-2 Spike RBD and its ligand, the human ACE2 receptor on binding affinity and kinetics. *eLife*, 10.

Grindel BJ, et al. (2020) Mammalian Expression and In Situ Biotinylation of Extracellular Protein Targets for Directed Evolution. *ACS omega*, 5(39), 25440.

Müller-Sienerth N, et al. (2020) A panel of recombinant proteins from human-infective *Plasmodium* species for serological surveillance. *Malaria journal*, 19(1), 31.

Sharma S, et al. (2018) Genome-scale identification of cellular pathways required for cell surface recognition. *Genome research*, 28(9), 1372.

Chong ZS, et al. (2018) Pooled extracellular receptor-ligand interaction screening using CRISPR activation. *Genome biology*, 19(1), 205.