

Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

pCT302

RRID:Addgene_41845

Type: Plasmid

Proper Citation

RRID:Addgene_41845

Plasmid Information

URL: <http://www.addgene.org/41845>

Proper Citation: RRID:Addgene_41845

Insert Name: 4-4-20

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:15465055](#)

Vector Backbone Description: Backbone Size:6142; Vector Backbone:pCT; Vector Types:Yeast Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCT302

Record Creation Time: 20220422T222216+0000

Record Last Update: 20260725T074655+0000

Ratings and Alerts

No rating or validation information has been found for pCT302.

No alerts have been found for pCT302.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Yang A, et al. (2023) Deploying synthetic coevolution and machine learning to engineer protein-protein interactions. *Science* (New York, N.Y.), 381(6656), eadh1720.

Cazier AP, et al. (2023) A Rapid Antibody Enhancement Platform in *Saccharomyces cerevisiae* Using an Improved, Diversifying CRISPR Base Editor. *ACS synthetic biology*, 12(11), 3287.

Stern LA, et al. (2022) Engineered IL13 variants direct specificity of IL13R α 2-targeted CAR T cell therapy. *Proceedings of the National Academy of Sciences of the United States of America*, 119(33), e2112006119.

Saxton RA, et al. (2021) The tissue protective functions of interleukin-22 can be decoupled from pro-inflammatory actions through structure-based design. *Immunity*, 54(4), 660.

Johnson DK, et al. (2020) CD4 Inhibits Helper T Cell Activation at Lower Affinity Threshold for Full-Length T Cell Receptors Than Single Chain Signaling Constructs. *Frontiers in immunology*, 11, 561889.

Adams RM, et al. (2019) Epistasis in a Fitness Landscape Defined by Antibody-Antigen Binding Free Energy. *Cell systems*, 8(1), 86.