

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 1, 2026

pCBC-DT3T4

RRID:Addgene_50592

Type: Plasmid

Proper Citation

RRID:Addgene_50592

Plasmid Information

URL: <http://www.addgene.org/50592>

Proper Citation: RRID:Addgene_50592

Insert Name: T3, gRNA scaffold, U6-1tplus, U6-26p, T4

Organism: Synthetic

Bacterial Resistance: Chloramphenicol

Defining Citation: [PMID:25432517](#)

Vector Backbone Description: Vector Backbone:pGWC; Vector Types:Plant Expression, CRISPR, PCR template; Bacterial Resistance:Chloramphenicol

Plasmid Name: pCBC-DT3T4

Record Creation Time: 20220422T222259+0000

Record Last Update: 20260829T080633+0000

Ratings and Alerts

No rating or validation information has been found for pCBC-DT3T4.

No alerts have been found for pCBC-DT3T4.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Awasthi P, et al. (2023) CRISPR/Cas9-mediated mutagenesis of the mediator complex subunits MED5a and MED5b genes impaired secondary metabolite accumulation in hop (*Humulus lupulus*). *Plant physiology and biochemistry : PPB*, 201, 107851.

Zhang Y, et al. (2021) CRISPR-Cas9 multiplex genome editing of the hydroxyproline-O-galactosyltransferase gene family alters arabinogalactan-protein glycosylation and function in *Arabidopsis*. *BMC plant biology*, 21(1), 16.

Zhang Y, et al. (2020) Elucidating the roles of three ??-glucuronosyltransferases (GLCATs) acting on arabinogalactan-proteins using a CRISPR-Cas9 multiplexing approach in *Arabidopsis*. *BMC plant biology*, 20(1), 221.