

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

[pHEE2E-TRI](#)

RRID:Addgene_71288

Type: Plasmid

Proper Citation

RRID:Addgene_71288

Plasmid Information

URL: <http://www.addgene.org/71288>

Proper Citation: RRID:Addgene_71288

Insert Name: sgRNA targeting TRY and CPC genes

Organism: Synthetic

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:26193878](#)

Vector Backbone Description: Vector Backbone:pCambia; Vector Types:Plant Expression, CRISPR, Plant binary vector; Bacterial Resistance:Kanamycin

Comments: TRY & CPC sgRNA target sequence is: AATATCTCTCTATCTCCTC ETC2
sgRNA target sequence is: GAAGTGAGTAGCATCGAAT See Figure 1B of the associated publication for more details.

Plasmid Name: pHEE2E-TRI

Record Creation Time: 20220422T222439+0000

Record Last Update: 20260815T081910+0000

Ratings and Alerts

No rating or validation information has been found for pHEE2E-TRI.

No alerts have been found for pHEE2E-TRI.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Montez M, et al. (2023) Promoter-pervasive transcription causes RNA polymerase II pausing to boost DOG1 expression in response to salt. The EMBO journal, 42(5), e112443.

Fernandez MA, et al. (2020) RBR-Type E3 Ligases and the Ubiquitin-Conjugating Enzyme UBC26 Regulate Absciscic Acid Receptor Levels and Signaling. Plant physiology, 182(4), 1723.

Gardiner J, et al. (2020) Promoter and Terminator Optimization for DNA Methylation Targeting in Arabidopsis. Epigenomes, 4(2).

Ruf S, et al. (2019) High-efficiency generation of fertile transplastomic Arabidopsis plants. Nature plants, 5(3), 282.