

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

[pTC440](#)

RRID:Addgene_91225

Type: Plasmid

Proper Citation

RRID:Addgene_91225

Plasmid Information

URL: <http://www.addgene.org/91225>

Proper Citation: RRID:Addgene_91225

Insert Name: gRNA targeting barley MLO

Organism: Other

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:28522548](#)

Vector Backbone Description: Vector Backbone:pTRANS_100; Vector Types:Plant Expression, CRISPR; Bacterial Resistance:Spectinomycin

Plasmid Name: pTC440

Record Creation Time: 20220422T222617+0000

Record Last Update: 20260815T082216+0000

Ratings and Alerts

No rating or validation information has been found for pTC440.

No alerts have been found for pTC440.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Patil GB, et al. (2022) Protoplast Isolation, Transfection, and Gene Editing for Soybean (Glycine max). Methods in molecular biology (Clifton, N.J.), 2464, 173.