

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 16, 2026

JD553

RRID:Addgene_160392

Type: Plasmid

Proper Citation

RRID:Addgene_160392

Plasmid Information

URL: <http://www.addgene.org/160392>

Proper Citation: RRID:Addgene_160392

Insert Name: wheat GRF4-GIF1 chimera

Organism: wheat

Bacterial Resistance: Bleocin (Zeocin)

Defining Citation: [PMID:33046875](#)

Vector Backbone Description: Backbone Size:2076; Vector Backbone:pDONR-zeo;
Vector Types:Entry clon; Bacterial Resistance:Bleocin (Zeocin)

Plasmid Name: JD553

Record Creation Time: 20220422T221907+0000

Record Last Update: 20260815T080838+0000

Ratings and Alerts

No rating or validation information has been found for JD553.

No alerts have been found for JD553.

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 [PRECISE-TBI](#) .

Prusty MR, et al. (2025) Pigments to precision: RUBY aiding genetic transformation and genome editing in wheat and barley. Physiology and molecular biology of plants : an international journal of functional plant biology, 31(4), 545.