

Resource Summary Report

Generated by [dkNET](#) on Sep 19, 2026

pLRK57

RRID:Addgene_253106

Type: Plasmid

Proper Citation

RRID:Addgene_253106

Plasmid Information

URL: <http://www.addgene.org/253106>

Proper Citation: RRID:Addgene_253106

Insert Name: SpCas9-P2A-RUBY

Organism: Triticum aestivum

Bacterial Resistance: Kanamycin

Vector Backbone Description: Vector Backbone:JD633; Vector Types:Plant Expression, CRISPR, Synthetic Biology; Bacterial Resistance:Kanamycin

Comments: Please visit <https://doi.org/10.64898/2026.02.10.705172> for bioRxiv preprint. The reference articles to construct this plasmid: A GRF-GIF chimeric protein improves the regeneration efficiency of transgenic plants. Debernardi JM, Tricoli DM, Ercoli MF, Hayta S, Ronald P, Palatnik JF, Dubcovsky J. Nat Biotechnol. 2020 Oct 12. pii: 10.1038/s41587-020-0703-0. doi: 10.1038/s41587-020-0703-0. 10.1038/s41587-020-0703-0 PubMed 33046875 A reporter for noninvasively monitoring gene expression and plant transformation. He Y, Zhang T, Sun H, Zhan H, Zhao Y. Hortic Res. 2020 Sep 19;7:152. doi: 10.1038/s41438-020-00390-1. eCollection 2020. 10.1038/s41438-020-00390-1 PubMed 33024566

Plasmid Name: pLRK57

Record Creation Time: 20260520T052507+0000

Record Last Update: 20260919T093940+0000

Ratings and Alerts

No rating or validation information has been found for pLRK57.

No alerts have been found for pLRK57.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.