

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

pYPQ131C

RRID:Addgene_69284

Type: Plasmid

Proper Citation

RRID:Addgene_69284

Plasmid Information

URL: <http://www.addgene.org/69284>

Proper Citation: RRID:Addgene_69284

Bacterial Resistance: Tetracycline

Defining Citation: [PMID:26297141](#)

Vector Backbone Description: Backbone Marker:(Cermak et al. 2011); Vector Backbone:pHD1 ; Vector Types:CRISPR; Bacterial Resistance:Tetracycline

Plasmid Name: pYPQ131C

Record Creation Time: 20220422T222430+0000

Record Last Update: 20260808T082038+0000

Ratings and Alerts

No rating or validation information has been found for pYPQ131C.

No alerts have been found for pYPQ131C.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Kim B, et al. (2022) Mutations in OsDET1, OsCOP10, and OsDDB1 confer embryonic lethality and alter flavonoid accumulation in Rice (*Oryza sativa* L.) seed. *Frontiers in plant science*, 13, 952856.

Cheng Y, et al. (2022) Expanding the targeting scope of FokI-dCas nuclease systems with SpRY and Mb2Cas12a. *Biotechnology journal*, 17(7), e2100571.

Zhang Y, et al. (2021) Expanding the scope of plant genome engineering with Cas12a orthologs and highly multiplexable editing systems. *Nature communications*, 12(1), 1944.

Kim B, et al. (2021) OsCOP1 regulates embryo development and flavonoid biosynthesis in rice (*Oryza sativa* L.). *TAG. Theoretical and applied genetics. Theoretische und angewandte Genetik*, 134(8), 2587.

Liang Y, et al. (2021) Improved Transformation and Regeneration of Indica Rice: Disruption of SUB1A as a Test Case via CRISPR-Cas9. *International journal of molecular sciences*, 22(13).