

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

[px458_Conc2](#)

RRID:Addgene_134449

Type: Plasmid

Proper Citation

RRID:Addgene_134449

Plasmid Information

URL: <http://www.addgene.org/134449>

Proper Citation: RRID:Addgene_134449

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:32150173](#)

Vector Backbone Description: Backbone Marker:Feng Zhang; Vector Backbone:pSpCas9(BB)-2A-GFP (PX458); Vector Types:Mammalian Expression, CRISPR; Bacterial Resistance:Ampicillin

Comments: The sgRNAs can get introduced by golden gate cloning like described in Andersson-Rolf A et al.: Simultaneous paralogue knockout using a CRISPR-concatemer in mouse small intestinal organoids. Dev Biol. 2016. doi: 10.1016/j.ydbio.2016.10.016. For more information see protocol.

Plasmid Name: px458_Conc2

Record Creation Time: 20220422T221743+0000

Record Last Update: 20260725T073843+0000

Ratings and Alerts

No rating or validation information has been found for px458_Conc2.

No alerts have been found for px458_Conc2.

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 [NIF](#) .

Zhou Z, et al. (2022) An inducible CRISPR/Cas9 screen identifies DTX2 as a transcriptional regulator of human telomerase. iScience, 25(2), 103813.