

Resource Summary Report

Generated by [RRID](#) on Aug 22, 2026

[pYZ038](#)

RRID:Addgene_200227

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/200227>

Proper Citation: RRID:Addgene_200227

Insert Name: tRNA-gRNA scaffold

Organism: *Saccharomyces cerevisiae*

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:37326023](#)

Vector Backbone Description: Backbone Marker:Thermo Fisher; Backbone Size:3500; Vector Backbone:pCR-Blunt II-TOPO; Vector Types:Synthetic Biology; Bacterial Resistance:Kanamycin

Comments: A common PCR template used for CRISPR Engineering of EPisomes in Yeast, or CREEPY, a method for rapid engineering of large synthetic episomal DNA constructs. This is designed and assembled based on the template consisting of gRNA scaffold with a tRNA sequence, as published in Zhang, Yueping, et al. "A gRNA-tRNA array for CRISPR-Cas9 based rapid multiplexed genome editing in *Saccharomyces cerevisiae*." *Nature communications* 10.1 (2019): 1053.

Plasmid Name: pYZ038

Record Creation Time: 20230812T080439+0000

Record Last Update: 20260815T082724+0000

Ratings and Alerts

No rating or validation information has been found for pYZ038.

No alerts have been found for pYZ038.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.