

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

p2B-55

RRID:Addgene_177924

Type: Plasmid

Proper Citation

RRID:Addgene_177924

Plasmid Information

URL: <http://www.addgene.org/177924>

Proper Citation: RRID:Addgene_177924

Insert Name: Optimized unleaky reverse tetracycline transactivator (rtTA-M2-SE-G72P) under control of yeast TDH3 promoter

Organism: *Saccharomyces cerevisiae*

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:27323850](#)

Vector Backbone Description: Backbone Size:5726; Vector Backbone:pRS426; Vector Types:Bacterial Expression, Yeast Expression; Bacterial Resistance:Ampicillin

Comments: Please refer to Roney et al. 2016 Sci Rep. "Improvement of the reverse tetracycline transactivator by single amino acid substitutions that reduce leaky target gene expression to undetectable levels" (doi: 10.1038/srep27697) for more information.

Plasmid Name: p2B-55

Relevant Mutation: V9I; F67S; G72P, F86Y; R171K

Record Creation Time: 20220422T222026+0000

Record Last Update: 20260815T081112+0000

Ratings and Alerts

No rating or validation information has been found for p2B-55.

No alerts have been found for p2B-55.

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 [RRID](#) .

Nostramo RT, et al. (2025) Free introns of tRNAs as complementarity-dependent regulators of gene expression. Molecular cell, 85(4), 726.