

Resource Summary Report

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

p2B-56

RRID:Addgene_177925

Type: Plasmid

Proper Citation

RRID:Addgene_177925

Plasmid Information

URL: <http://www.addgene.org/177925>

Proper Citation: RRID:Addgene_177925

Insert Name: Optimized unleaky reverse tetracycline transactivator (rtTA-M2-SE-G72P) under control of yeast MYO2 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-56

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-56.

No alerts have been found for p2B-56.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.