

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

[pRB2949](#)

RRID:Addgene_8672

Type: Plasmid

Proper Citation

RRID:Addgene_8672

Plasmid Information

URL: <http://www.addgene.org/8672>

Proper Citation: RRID:Addgene_8672

Insert Name: TUB1-828 under GAL1 promoter

Organism: *Saccharomyces cerevisiae*

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:11739794](#)

Vector Backbone Description: Backbone Size:0; Vector Backbone:pTS210; Vector Types:Yeast Expression; Bacterial Resistance:Ampicillin

Comments: TUB1-828 was from Richards et al 2000 Mol. Biol. Cell 11, 1887-1903. It was PCRed, and the PCR products were digested with BamHI and SpeI and ligated to the BamHI and XbaI sites of pTS210. The vector plasmid pTS210, a YCp50-based construct, contained the GAL1/GAL10 promoter, a short polylinker (BamHI, HindIII, XbaI), and the ACT1 transcriptional terminator. Please note that this construct is missing the first 8 amino acids of the TUB1 ORF. This deletion has no effect on the plasmid function as the 2 point mutations make this a dominant lethal allele.

Plasmid Name: pRB2949

Relevant Mutation: D252A and E255A; dominant lethal

Record Creation Time: 20220422T222557+0000

Record Last Update: 20260815T082137+0000

Ratings and Alerts

No rating or validation information has been found for pRB2949.

No alerts have been found for pRB2949.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.