

# Resource Summary Report

Generated by [dkNET](#) on Jul 31, 2026

## pTH375-SUP45-P174Q

RRID:Addgene\_29383

Type: Plasmid

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### Proper Citation

RRID:Addgene\_29383

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### Plasmid Information

**URL:** <http://www.addgene.org/29383>

**Proper Citation:** RRID:Addgene\_29383

**Insert Name:** SUP45 gene encoding translation release factor 1 from *S. cerevisiae*

**Organism:** *Saccharomyces cerevisiae*

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:20444877](#)

**Vector Backbone Description:** Backbone Size:5976; Vector Backbone:pRS315; Vector Types:Yeast Expression; Bacterial Resistance:Ampicillin

**Plasmid Name:** pTH375-SUP45-P174Q

**Relevant Mutation:** P174Q mutant gene including genomic sequence 1432 bp upstream of AUG and 241 bp downstream of stop codon.

**Record Creation Time:** 20220422T222129+0000

**Record Last Update:** 20260725T074531+0000

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### Ratings and Alerts

No rating or validation information has been found for pTH375-SUP45-P174Q.

No alerts have been found for pTH375-SUP45-P174Q.

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### 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 [dkNET](#) .

Lino BR, et al. (2025) High throughput screening of eukaryotic release factor 1 variants to enhance noncanonical amino acid incorporation. bioRxiv : the preprint server for biology.