

Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

pAG25

RRID:Addgene_35121

Type: Plasmid

Proper Citation

RRID:Addgene_35121

Plasmid Information

URL: <http://www.addgene.org/35121>

Proper Citation: RRID:Addgene_35121

Insert Name: natMX4

Organism: Streptomyces noursei

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:10514571](#)

Vector Backbone Description: Vector Backbone:pFA6; Vector Types:Yeast replicating;
Bacterial Resistance:Ampicillin

Plasmid Name: pAG25

Record Creation Time: 20220422T222149+0000

Record Last Update: 20260815T081357+0000

Ratings and Alerts

No rating or validation information has been found for pAG25.

No alerts have been found for pAG25.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Maldonado G, et al. (2024) The gene YEF3 function encoding translation elongation factor eEF3 is partially conserved across fungi. *Frontiers in microbiology*, 15, 1438900.

Molinet J, et al. (2024) Wild Patagonian yeast improve the evolutionary potential of novel interspecific hybrid strains for lager brewing. *PLoS genetics*, 20(6), e1011154.

Kimble MT, et al. (2023) Long-range DNA end resection supports homologous recombination by checkpoint activation rather than extensive homology generation. *eLife*, 12.

Collins MA, et al. (2023) Substrate-specific effects of natural genetic variation on proteasome activity. *PLoS genetics*, 19(5), e1010734.

Vignogna RC, et al. (2022) Evolutionary rescue of phosphomannomutase deficiency in yeast models of human disease. *eLife*, 11.

Li K, et al. (2022) Distance-dependent inhibition of translation initiation by downstream out-of-frame AUGs is consistent with a Brownian ratchet process of ribosome scanning. *Genome biology*, 23(1), 254.

Marquardt J, et al. (2020) The LKB1-like Kinase Elm1 Controls Septin Hourglass Assembly and Stability by Regulating Filament Pairing. *Current biology : CB*, 30(12), 2386.

Brion C, et al. (2020) Simultaneous quantification of mRNA and protein in single cells reveals post-transcriptional effects of genetic variation. *eLife*, 9.

Linder RA, et al. (2020) Two Synthetic 18-Way Outcrossed Populations of Diploid Budding Yeast with Utility for Complex Trait Dissection. *Genetics*, 215(2), 323.

Iida T, et al. (2019) RNA Polymerase I Activators Count and Adjust Ribosomal RNA Gene Copy Number. *Molecular cell*, 73(4), 645.

Casler JC, et al. (2019) Visualizing Secretory Cargo Transport in Budding Yeast. *Current protocols in cell biology*, 83(1), e80.

Chen Y, et al. (2019) Overdosage of Balanced Protein Complexes Reduces Proliferation Rate in Aneuploid Cells. *Cell systems*, 9(2), 129.

Alsina D, et al. (2018) Nitric oxide prevents Aft1 activation and metabolic remodeling in frataxin-deficient yeast. *Redox biology*, 14, 131.