

Resource Summary Report

Generated by [NIF](#) on Sep 15, 2026

pGCNK58

RRID:Addgene_202461

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/202461>

Proper Citation: RRID:Addgene_202461

Insert Name: Residues 226-281 of *Saccharomyces cerevisiae* GCN4 plus an N-terminal Met-Lys extension

Organism: *Saccharomyces cerevisiae*

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:2145515](#)

Vector Backbone Description: Vector Backbone:pet3b; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: Dynamics of GCN4 facilitate DNA interaction: a model-free analysis of an intrinsically disordered region. Gill ML, Byrd RA, Palmer AG III. *Phys Chem Chem Phys*. 2016 Feb 17;18(8):5839-49. doi: 10.1039/c5cp06197k. The GCN4 basic region leucine zipper binds DNA as a dimer of uninterrupted α -helices: crystal structure of the protein-DNA complex. Ellenberger, T. E., Brandl, C. J., Struhl, K. & Harrison, S. C. (1992). *Cell*, 71, 1223-1237. PMID 1473154.

Plasmid Name: pGCNK58

Record Creation Time: 20231207T080453+0000

Record Last Update: 20260912T093939+0000

Ratings and Alerts

No rating or validation information has been found for pGCNK58.

No alerts have been found for pGCNK58.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.