

Resource Summary Report

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

pFA6a-kanMX6

RRID:Addgene_39296

Type: Plasmid

Proper Citation

RRID:Addgene_39296

Plasmid Information

URL: <http://www.addgene.org/39296>

Proper Citation: RRID:Addgene_39296

Insert Name: KanR

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:9717240](#)

Vector Backbone Description: Backbone Size:2300; Vector Backbone:pFA6a; Vector Types:Yeast genomic targeting; Bacterial Resistance:Ampicillin

Plasmid Name: pFA6a-kanMX6

Record Creation Time: 20220422T222205+0000

Record Last Update: 20260815T081427+0000

Ratings and Alerts

No rating or validation information has been found for pFA6a-kanMX6.

No alerts have been found for pFA6a-kanMX6.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 21 mentions in open access literature.

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

Cupo RR, et al. (2026) The mitochondrial intermembrane space nuclease Nuc1 (endonuclease G) prevents mitophagy-mediated mtDNA escape in yeast. *Current biology* : CB, 36(4), 912.

Prem R, et al. (2026) Rewiring Mitochondrial Phosphatidylethanolamine Metabolism Identifies New and Unaccounted Trafficking Steps. *bioRxiv* : the preprint server for biology.

Liu X, et al. (2025) Nucleosomes represent a crucial target for the intra-S phase checkpoint in response to replication stress. *Science advances*, 11(20), eadr3673.

Nishimura A, et al. (2024) Longevity control by supersulfide-mediated mitochondrial respiration and regulation of protein quality. *Redox biology*, 69, 103018.

Fréon K, et al. (2023) A marker-free genome editing method in *S. pombe* using the delitto perfetto approach. *microPublication biology*, 2023.

Paukštytė J, et al. (2023) Global analysis of aging-related protein structural changes uncovers enzyme-polymerization-based control of longevity. *Molecular cell*, 83(18), 3360.

Herod SG, et al. (2022) Clearance of an amyloid-like translational repressor is governed by 14-3-3 proteins. *Cell reports*, 39(5), 110753.

Gao Y, et al. (2022) Protein import into peroxisomes occurs through a nuclear pore-like phase. *Science (New York, N.Y.)*, 378(6625), eadf3971.

Rahman S, et al. (2021) Biochemical and structural characterization of analogs of MRE11 breast cancer-associated mutant F237C. *Scientific reports*, 11(1), 7089.

Garcia EJ, et al. (2021) Membrane dynamics and protein targets of lipid droplet microautophagy during ER stress-induced proteostasis in the budding yeast, *Saccharomyces cerevisiae*. *Autophagy*, 17(9), 2363.

Laureau R, et al. (2021) Meiotic Cells Counteract Programmed Retrotransposon Activation via RNA-Binding Translational Repressor Assemblies. *Developmental cell*, 56(1), 22.

Liao PC, et al. (2021) Roles for ER microdomains and ESCRT in ER stress-induced lipid droplet microautophagy in budding yeast. *Molecular biology of the cell*, 32(22), br12.

Duan X, et al. (2021) Essential role of the endocytic site-associated protein Ecm25 in stress-induced cell elongation. *Cell reports*, 35(7), 109122.

Ranganathan PR, et al. (2020) Triglyceride deficiency and diacylglycerol kinase1 activity lead to the upregulation of mevalonate pathway in yeast: A study for the development of potential yeast platform for improved production of triterpenoid. *Biochimica et biophysica acta. Molecular and cell biology of lipids*, 1865(6), 158661.

Lord CL, et al. (2020) Nuclear envelope-vacuole contacts mitigate nuclear pore complex assembly stress. *The Journal of cell biology*, 219(12).

Eisenberg AR, et al. (2020) Translation Initiation Site Profiling Reveals Widespread Synthesis of Non-AUG-Initiated Protein Isoforms in Yeast. *Cell systems*, 11(2), 145.

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

Thomas LL, et al. (2019) A Steric Gating Mechanism Dictates the Substrate Specificity of a Rab-GEF. *Developmental cell*, 48(1), 100.

Reyes LH, et al. (2018) Growth-Coupled Carotenoids Production Using Adaptive Laboratory Evolution. *Methods in molecular biology* (Clifton, N.J.), 1671, 319.

Chen YC, et al. (2017) Randomized CRISPR-Cas Transcriptional Perturbation Screening Reveals Protective Genes against Alpha-Synuclein Toxicity. *Molecular cell*, 68(1), 247.