

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

pMIG-Aalpha WT

RRID:Addgene_10884

Type: Plasmid

Proper Citation

RRID:Addgene_10884

Plasmid Information

URL: <http://www.addgene.org/10884>

Proper Citation: RRID:Addgene_10884

Insert Name: PP2A Aalpha

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:16166293](#)

Vector Backbone Description: Backbone Marker:Hahn lab, Addgene plasmid 9044; Backbone Size:6500; Vector Backbone:pMIG; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Plasmid Name: pMIG-Aalpha WT

Record Creation Time: 20220422T221528+0000

Record Last Update: 20260808T080412+0000

Ratings and Alerts

No rating or validation information has been found for pMIG-Aalpha WT.

No alerts have been found for pMIG-Aalpha WT.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Xia W, et al. (2024) Obesity causes mitochondrial fragmentation and dysfunction in white adipocytes due to RalA activation. *Nature metabolism*, 6(2), 273.

Fu Y, et al. (2023) Fam72a functions as a cell-cycle-controlled gene during proliferation and antagonizes apoptosis through reprogramming PP2A substrates. *Developmental cell*, 58(5), 398.

Yin Q, et al. (2019) K27-linked ubiquitination of BRAF by ITCH engages cytokine response to maintain MEK-ERK signaling. *Nature communications*, 10(1), 1870.

Sethy R, et al. (2018) Regulation of ATM and ATR by SMARCA1 and BRG1. *Biochimica et biophysica acta. Gene regulatory mechanisms*, 1861(12), 1076.

Gonzalez OG, et al. (2014) Telomerase stimulates ribosomal DNA transcription under hyperproliferative conditions. *Nature communications*, 5, 4599.

Patel R, et al. (2013) Sprouty2, PTEN, and PP2A interact to regulate prostate cancer progression. *The Journal of clinical investigation*, 123(3), 1157.

Roberts KG, et al. (2010) Essential requirement for PP2A inhibition by the oncogenic receptor c-KIT suggests PP2A reactivation as a strategy to treat c-KIT+ cancers. *Cancer research*, 70(13), 5438.