# Resource Summary Report

Generated by NIF on Jul 30, 2026

## pWZL Neo Myr Flag PRKAA1

RRID:Addgene_20595
Type: Plasmid

### Proper Citation

RRID:Addgene_20595

### Plasmid Information

**URL:** http://www.addgene.org/20595

**Proper Citation:** RRID:Addgene_20595

**Insert Name:** PRKAA1

**Organism:** Homo sapiens

**Bacterial Resistance:** Ampicillin

**Defining Citation:** PMID:17574021

**Vector Backbone Description:** Backbone Marker:William Hahn Lab (available at Addgene, #15300); Backbone Size:0; Vector Backbone:pWZL-Neo-Myr-Flag-DEST; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

**Comments:** ORFs were cloned into Gateway compatible pEntry vectors. An LR recombination reaction was performed to move the ORF to pWZL-Neo-Myr-Flag DEST such that the ORF would have 5' myristoylation and flag tags. This plasmid is part of a kinase library, and the gene has been verified, but has not been fully sequenced for minor mutations. Please see the following link for plasmids from this article that are not part of the kinase library http://www.addgene.org/pubmed/17574021 Addgene's sequencing results suggest that the best reference sequence for the PRKAA1 insert in this plasmid is AB022017.1.

**Plasmid Name:** pWZL Neo Myr Flag PRKAA1

**Record Creation Time:** 20220422T222052+0000

**Record Last Update:** 20260725T074419+0000

### Ratings and Alerts

No rating or validation information has been found for pWZL Neo Myr Flag PRKAA1.

No alerts have been found for pWZL Neo Myr Flag PRKAA1.

## Data and Source Information

**Source:** Addgene

## Usage and Citation Metrics

We found 3 mentions in open access literature.

**Listed below are recent publications.** The full list is available at NIF .

Bakula D, et al. (2017) WIPI3 and WIPI4 ??-propellers are scaffolds for LKB1-AMPK-TSC signalling circuits in the control of autophagy. Nature communications, 8, 15637.

He M, et al. (2017) SIRT1 and AMPK pathways are essential for the proliferation and survival of primary effusion lymphoma cells. The Journal of pathology, 242(3), 309.

Yen CY, et al. (2015) Impacts of autophagy-inducing ingredient of areca nut on tumor cells. PloS one, 10(5), e0128011.