# Resource Summary Report

Generated by dkNET on May 4, 2025

## A Comprehensive Resource Base for C. elegans K+ Channels

RRID:SCR_008360
Type: Tool

### Proper Citation

A Comprehensive Resource Base for C. elegans K+ Channels (RRID:SCR_008360)

### Resource Information

**URL:** http://nt-salkoff.wustl.edu/portal/hgxpp001.aspx?2

**Proper Citation:** A Comprehensive Resource Base for C. elegans K+ Channels (RRID:SCR_008360)

**Description:** THIS RESOURCE IS NO LONGER IN SERVICE, documented August 18, 2016. Supplies potassium channel cDNA clones in vectors suitable for functional expression and stocks of gene knockout strains. Supporting this resource base are studies showing the basic biophysical properties of the channels, studies showing the phenotypes of mutants, and information on the cell-type expression patterns of potassium channels. Studies of potassium channel cell-type expression patterns and functional properties; studies of behavioral phenotypes; generation of knockout mutants. Full-length cDNAs encoding C. elegans potassium channels in a vector suitable for functional expression in Xenopus oocytes and mammalian cell lines are available on request. Information is also provided describing the cell-type expression patterns and basic biophysical properties of potassium channels. And data on behavioral phenotypes are also available. C. elegans strains carrying knockouts of potassium channels are also generated and deposited at the C. elegans stock center at the University of Minnesota.

**Synonyms:** Resource Base for C. elegans K+ Channels

**Resource Type:** material resource, reagent supplier

**Keywords:** expression, gene, behavioral, biophysical, cdna, c. elegans, cell, clone, ion channel, knockout, mammalian, mutant, oocyte, phenotype, potassium, vector, xenopus

**Funding:** NCRR R24 RR017342

**Availability:** THIS RESOURCE IS NO LONGER IN SERVICE

**Resource Name:** A Comprehensive Resource Base for C. elegans K+ Channels

**Resource ID:** SCR_008360

**Alternate IDs:** nif-0000-25471

**Record Creation Time:** 20220129T080247+0000

**Record Last Update:** 20250503T060013+0000

## Ratings and Alerts

No rating or validation information has been found for A Comprehensive Resource Base for C. elegans K+ Channels.

No alerts have been found for A Comprehensive Resource Base for C. elegans K+ Channels.

## Data and Source Information

**Source:** SciCrunch Registry

## Usage and Citation Metrics

We have not found any literature mentions for this resource.