

Resource Summary Report

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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: 20260829T182848+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.