Resource Summary Report

Generated by PRECISE-TBI on Sep 8, 2026

Mitochondrial Neuron Ubiquitin

RRID:SCR_021544
Type: Tool

Proper Citation

Mitochondrial Neuron Ubiquitin (RRID:SCR_021544)

Resource Information

URL: https://shiny.compbio.dundee.ac.uk/MitoNUb/

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Description: Shiny app for quick selection of ubiquitylation sites and proteins from diGly analysis of neurons stimulated with mitochondrial depolarisation.Used to visualise mitochondrial ubiquitin sites in neurons and search for ubiquitin components recruited to mitochondria upon mitochondrial depolarisation.

Abbreviations: MitoNUb

Synonyms: Mitochondrial Neuron Ubiquitin landscape

Resource Type: analysis service resource, data access protocol, production service resource, service resource, software resource, web service

Defining Citation: DOI:10.1101/2021.04.01.438131

Keywords: Ubiquitylation sites selection, neurons diGly analysis, mitochondrial depolarisation, neurons mitochondrial ubiquitin sites

Availability: Free, Freely available

Resource Name: Mitochondrial Neuron Ubiquitin

Resource ID: SCR_021544

Record Creation Time: 20220129T080356+0000

Record Last Update: 20260905T132941+0000

Ratings and Alerts

No rating or validation information has been found for Mitochondrial Neuron Ubiquitin.

No alerts have been found for Mitochondrial Neuron Ubiquitin.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at PRECISE-TBI .

Antico O, et al. (2021) Global ubiquitylation analysis of mitochondria in primary neurons identifies endogenous Parkin targets following activation of PINK1. Science advances, 7(46), eabj0722.