

Resource Summary Report

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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/>

Proper Citation: Mitochondrial Neuron Ubiquitin (RRID:SCR_021544)

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

Defining Citation: [DOI:10.1101/2021.04.01.438131](https://doi.org/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: 20260801T190719+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 [T1D](#) .

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.