

Feb 07, 2024

Version 2

Protocols from Kilfeather, Khoo et al., 2024 V.2

DOI

<https://dx.doi.org/10.17504/protocols.io.36wgqj75kvk5/v2>

Peter Kilfeather¹, Maria Claudia Caiazza¹

¹University of Oxford



Peter Kilfeather

Create & collaborate more with a free account

Edit and publish protocols, collaborate in communities, share insights through comments, and track progress with run records.

Create free account

OPEN  ACCESS



DOI: <https://dx.doi.org/10.17504/protocols.io.36wgqj75kvk5/v2>

Collection Citation: Peter Kilfeather, Maria Claudia Caiazza 2024. Protocols from Kilfeather, Khoo et al., 2024. **protocols.io** <https://dx.doi.org/10.17504/protocols.io.36wgqj75kvk5/v2> Version created by **Peter Kilfeather**

License: This is an open access collection distributed under the terms of the **[Creative Commons Attribution License](#)**, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited

Protocol status: Working

We use this collection and it's working

Created: February 07, 2024

Last Modified: February 07, 2024

Collection Integer ID: 94822

Keywords: assay in kilfeather, assay, protocol collection, immunohisto, staining method, kilfeather, protocol

Funders Acknowledgements:

Aligning Science Across Parkinson's

Grant ID: ASAP-020370

Parkinson's UK

Grant ID: J-1403

Science, Technology and Innovation Commission of Shenzhen Municipality

Grant ID: JCYJ20180507183628543

Abstract

This protocol collection includes immunohisto/chemical staining methods, DAT-TRAP methods and the protocol for the Fura-2 assay in Kilfeather, Khoo et al., 2024.



Files

Protocol

NAME

Immunocytochemistry for CASR in iPSc-derived dopaminergic neurons

VERSION 1

CREATED BY



Peter Kilfeather

[OPEN](#) →

Protocol

NAME

Fura-2 imaging of ionomycin response, with and without R568; a CaSR positive modulator

VERSION 1

CREATED BY



Peter Kilfeather

[OPEN](#) →

Protocol

NAME

Immunohistochemistry

VERSION 1

CREATED BY



Peter Kilfeather

[OPEN](#) →

Protocol

NAME

DAT-TRAP Protocol

VERSION 2

CREATED BY



Peter Kilfeather

[OPEN](#) →

Protocol

NAME

Stereo-seq cell type abundance analysis

VERSION 1

CREATED BY



Peter Kilfeather

[OPEN](#) →

Protocol

NAME

Differential gene expression analysis

VERSION 1

CREATED BY



Peter Kilfeather

[OPEN](#) →

Protocol

NAME

GWAS prioritization analysis

VERSION 1

CREATED BY



Peter Kilfeather

[OPEN](#) →

Protocol

NAME

Spatially variable gene detection

VERSION 1

CREATED BY



Peter Kilfeather

[OPEN](#) →

Protocol

NAME
Processing of raw Stereo-seq data, quality control and cell type identification

VERSION 1

CREATED BY

 Peter Kilfeather

[OPEN](#) →

Protocol

NAME
Specificity index (pSI) calculation

VERSION 1

CREATED BY

 Peter Kilfeather

[OPEN](#) →

Protocol

NAME
Differential transcript usage analysis

VERSION 1

CREATED BY

 Peter Kilfeather

[OPEN](#) →

Protocol

NAME
Gene set enrichment analysis

VERSION 1

CREATED BY

 Peter Kilfeather

[OPEN](#) →

Protocol

NAME
Long-read sequencing and data processing

VERSION 1

CREATED BY



Peter Kilfeather

OPEN →