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

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Protocol status: Working
We use this collection and it's working

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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

SEARCH

Protocol

NAME

Immunocytochemistry for CASR in iPSc-derived dopaminergic neurons

VERSION 1

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Protocol

NAME

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

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Immunohistochemistry

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Protocol

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DAT-TRAP Protocol

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Protocol

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Stereo-seq cell type abundance analysis

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Differential gene expression analysis

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GWAS prioritization analysis

VERSION 1

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Protocol

NAME

Spatially variable gene detection

VERSION 1

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Protocol

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

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Specificity index (pSI) calculation

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NAME

Differential transcript usage analysis

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Protocol

NAME

Gene set enrichment analysis

VERSION 1

CREATED BY

Peter Kilfeather

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Protocol

NAME

Long-read sequencing and data processing

VERSION 1

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