

Feb 07, 2024

Specificity index (pSI) calculation

 In 1 collection

DOI

<https://dx.doi.org/10.17504/protocols.io.8epv5x8mjb/v1>

Peter Kilfeather¹

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.8epv5x8mjb/v1>

Protocol Citation: Peter Kilfeather 2024. Specificity index (pSI) calculation . protocols.io

<https://dx.doi.org/10.17504/protocols.io.8epv5x8mjb/v1>

License: This is an open access protocol 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 protocol and it's working

Created: February 07, 2024

Last Modified: February 07, 2024

Protocol Integer ID: 94805

Keywords: specificity index, psi, calculation from kilfeather, index, specificity, calculation

Funders Acknowledgements:

Aligning Science Across Parkinson's

Grant ID: ASAP-020370

Monument Trust Discovery Award from Parkinson's UK

Grant ID: J-1403

Abstract

Specificity index (pSI) calculation from Kilfeather, Khoo et al., 2024



Protocol

- 1 To calculate the specificity index of genes detected within TRAP/RiboTag datasets of dopaminergic neurons and other cell types within midbrain, pSI (v1.1) was used with default settings^{22,24,38–40,73}. Genes were considered significantly specifically expressed with an FDR-adjusted P value < 0.01 .