

Jun 17, 2024

SynGO analysis

 [eLife](#)

DOI

<https://dx.doi.org/10.17504/protocols.io.x54v92r94l3e/v1>

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DOI: <https://dx.doi.org/10.17504/protocols.io.x54v92r94l3e/v1>

External link: <https://doi.org/10.7554/eLife.101035>

Protocol Citation: Chuyu Chen 2024. SynGO analysis. protocols.io <https://dx.doi.org/10.17504/protocols.io.x54v92r94l3e/v1>



Manuscript citation:

Gaertner Z, Oram C, Schneeweis A, Schonfeld E, Bolduc C, Chen C, Dombeck D, Parisiadou L, Poulin J, Awatramani R Molecular and spatial transcriptomic classification of midbrain dopamine neurons and their alterations in a LRRK2^{G2019S} model of Parkinson's disease. eLife 13(). doi: [10.7554/eLife.101035](https://doi.org/10.7554/eLife.101035)

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Protocol status: Working

We use this protocol and it's working

Created: June 17, 2024

Last Modified: June 17, 2024

Protocol Integer ID: 101946

Keywords: ASAPCRN

Funders Acknowledgements:

Aligning Science Across Parkinson's [ASAP-020600] through the Michael J. Fox Foundation for Parkinson's Research (MJFF)
Grant ID: ASAP-020600

Abstract

synapse function and gene enrichment analysis



SynGO analysis

- 1 Convert mouse Gene ID to human genes symbols with ID conversion tool
- 2 Copy converted genes symbols to the SynGO input section, select background as brain expressed, and name the experiment in the description
- 3 Start analysis and export data to Excel files
- 4 Open custom color-coding of SynGO ontologies
- 5 Provide GO term ID and $-\log_{10}(\text{GSEA 'gene cluster' FDR corrected p-value})$ in the input section, label for figure legend, and three values to create a color gradient suitable for the data.
- 6 Open a color-picker to change the color-coding of the data
- 7 Download figures