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Proteins annotation of Nano-DESI MSI datasets

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ABSTRACT

Scope:

Annotate protein species detected by Nano-DESI IMS analysis.

OPEN ACCESS

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

Created: Oct 05, 2020

Last Modified: Oct 07, 2020

PROTOCOL integer ID:
42801

- 1 Create mass list from the averaged spectrum.

- 2 Calculate the charge state of each multiply charged peaks based on the spacing between the isotopic peaks.
- 3 Calculate the exact mass based on the m/z and charge state.
- 4 Obtain CID data from each sample.
- 5 Assign peaks by matching the exact mass and the CID spectrum to the protein databank.
<http://prospector.ucsf.edu/prospector/cgi-bin/msform.cgi?form=msproduct>