Package 'proteomicsCV'

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Type Package
Title Calculates the Percentage CV for Mass Spectrometry-Based Proteomics Data
Version 0.4.0
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Description Calculates the percentage coefficient of variation (CV) for mass spectrometry-based proteomic data. The CV can be calculated with the traditional formula for raw (non log transformed) intensity data, or log transformed data.
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Encoding UTF-8
Imports stats
RoxygenNote 7.3.2
NeedsCompilation no
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Repository CRAN
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Description

Calculates the percentage CV for intensity based proteomic data.

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Usage

```
protLogCV(logData, base)
protCV(data)
```

Arguments

data input dataframe of the intensity values.

logData input dataframe of the log transformed intensity values.

base numerical base of the logarithm that was used to transform the data. Values that

are accepted are 2 (for log2) and 10 (for log10)

Value

returns a list containing the percentage CVs

Author(s)

Alejandro J. Brenes

References

https://www.biorxiv.org/content/10.1101/2024.09.11.612398v1

Examples

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