

PPI scoring R shiny app

5.8.2023

PPI Scoring

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- RawFile:** The name of the RAW-file for which the mass spectral data was derived from.
- IsotopeLabelType:** 'L' for label free experiments ('H' will be used for SILAC experiments, [see below](#))
- Condition:** The conditions names must follow these rules:
 - Use only letters (A - Z, both uppercase and lowercase) and numbers (0 - 9). The only special character allowed is underscore (_).
 - **Very important: A condition name cannot begin with a number (R limitation).**
- BioReplicate:** biological replicate number. It is based on the condition name. Use as prefix the corresponding Condition name, and add as suffix dash (-) plus the biological replicate number. For example, if condition H1N1_06H has too biological replicates, name them H1N1_06H-1 and H1N1_06H-2
- Run:** a **unique number** for all the MS runs (from 1 to the total number of raw files). It will be especially useful when having technical replicates. For example, in the table below, there are 2 technical replicates of the same biological replicate (Cal_33-1, technical replicates 1 and 2). A special case is SILAC experiments (H and L label are run simultaneously. See [below](#) to find out more)

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- RawFile**: The name of the RAW-file for which the mass spectral data was derived from.
- IsotopeLabelType**: 'L' for label free experiments / 'H' will be used for SILAC experiments, [see below](#))
- Condition**: The only special condition).
- BioReplicate**: as prefix the rate number. For example, if condition H1N1_06H has too biological replicates, name them H1N1_06H-1 and H1N1_06H-2
- Run**: a **unique number** for all the MS runs (from 1 to the total number of raw files). It will be especially useful when having technical replicates. For example, in the table below, there are 2 technical replicates of the same biological replicate (Cal_33-1, technical replicates 1 and 2). A special case is SILAC experiments (H and L label are run simultaneously. See [below](#) to find out more)

RawFile	IsotopeLabelType	Condition	BioReplicate	Run
qx006145	L	Cal_33	Cal_33-1	1
qx006146	L	Cal_33	Cal_33-2	2
qx006151	L	HSC6	HSC6-1	3
qx006152	L	HSC6	HSC6-2	4

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- STREP SEQ.fasta
- SwissProt.Human.canonical.2018.10.09.fasta

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SwissProt.Human.canonical.2018.10.09.fasta

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```

Don't forget the
empty row at the
very end!