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Summary Report

exercise.Rmd (exercise.Rmd)
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analysis.Rmd (analysis.Rmd)

Analysis

Filter

Minimum Total Spectrum Count

5

The numeric input is to set up a threshold so that only proteins groups whose total spectrum count is greater than this threshold will be included for following analysis.

Minimum Confidence Level

0.95

The slider input is to set up a threshold so that only protein groups whose confidence level is greater than this threshold will be included for following analysis.

Minimum Occurrence

5

The numeric input is to set up a threshold so that only proteins groups whose occurrence is greater than this threshold will be included for following analysis.

Samples to be included

GROUP_BTRA160023_DB41051_50_pro_
GROUP_BTRA160023_DB41051_50_pro_
GROUP_BTRA160023_DB41051_50_pro_
GROUP_BTRA160023_DB41051_CHAP_

Select the samples we will perform analysis. Multiple selection is allowed by press Ctrl+ on keyboard. To deselect one entry, press Ctrl+ and click the entry you want to deselect.

Samples included in the Analysis:

```
[1] "dataset_20160408011_DB41051_50_pro_02_dalbora_ac_RAD_007"
[2] "dataset_20160408011_DB41051_50_pro_02_dalbora_ac01_1007"
[3] "dataset_20160408011_DB41051_50_pro_03_dbr_01_50_01_007"
[4] "dataset_20160408011_DB41051_50_pro_03_dbr_02_50_02_007"
[5] "dataset_20160408011_DB41051_50_pro_03_dbr_03_50_03_007"
[6] "dataset_20160408011_DB41051_50_pro_04_QT_1_007"
[7] "dataset_20160408011_DB41051_50_pro_04_QT_2_007"
[8] "dataset_20160408011_DB41051_50_pro_04_QT_3_007"
[9] "dataset_20160408011_DB41051_50_pro_05_QT_1_007"
[10] "dataset_20160408011_DB41051_50_pro_05_QT_2_007"
[11] "dataset_20160408011_DB41051_50_pro_05_QT_3_007"
[12] "dataset_20160408011_DB41051_CHAP_Hs_50_pro_T3_007"
[13] "dataset_20160408011_reg_DB41051_50_pro_01_Quach_007"
[14] "dataset_20160408011_reg_DB41051_50_pro_03_50_007"
[15] "dataset_20160408011_regdb41051_CHAP_Hs_007"
```

Screening Result

Show 10 entries Search:

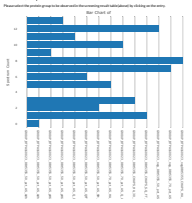
Protein Group	Occurrence	Confidence	Total Spectrum Count	Correlation Coefficient	Distance Covariance	P Value	BH Adjusted P Value	Bonferroni Adjusted P Value
DB41051_04620 ATP-binding cassette transporter subfamily B member	10	1	949	0.147	7.946	0.039	0.999	1
DB41051_00007 ISP3 ATP synthase subunit beta	8	1	823	0.056	11.943	0.291	0.999	1
DB41051_03450 nicotinamide dependent hydrolase	7	1	673	-0.075	8.371	0.582	0.999	1
DB41051_00609 phosphatase family C	13	1	411	-0.135	9.97	0.251	0.999	1
DB41051_04149 aldehyde dehydrogenase	11	1	1070	0.147	11.232	0.764	0.999	1
DB41051_00740 putative sulfite reductase	7	1	167	-0.022	7.238	0.729	0.999	1
DB41051_00163 nicotinamide Cx5 hydratase	9	1	191	-0.087	8.932	0.663	0.999	1
DB41051_03676 oligopeptide binding protein appA	13	1	798	0.288	10.796	0.24	0.999	1
DB41051_04444 N-acetylneuraminate 4-dehydrase antidote	12	1	884	0.21	11.948	0.183	0.999	1
DB41051_00735 molecular chaperone DnaK	10	1	522	0.1	4.747	0.964	0.999	1

Showing 1 to 10 of 13 2 entries

Previous 1 2 3 4 5 ... 13 Next

Protein Group

Please select the protein group to be observed in the screening result table(above) by clicking on the entry.



Spectrum Count in Samples

Show 10 entries Search:

	GROUP_BTRA160023_DB41051_50_pro_02_dalbora_ac01_1007	GROUP_BTRA160023_DB41051_CHAP_Hs_T3_007	GROUP_BTRA160023_DB41051_50_pro_03_DBr_01	GROUP_BTRA160023_DB41051_50_pro_03_DBr_02	GROUP_BTRA160023_DB41051_50_pro_03_DBr_03	GROUP_BTRA160023_DB41051_50_pro_04_QT_1	GROUP_BTRA160023_DB41051_50_pro_04_QT_2	GROUP_BTRA160023_DB41051_50_pro_04_QT_3	GROUP_BTRA160023_reg_DB41051_50_pro_03_50_007	GROUP_BTRA160023_regDB41051_CHAP_Hs_007	GROUP_BTRA160023_DB41051_50_pro_05_qHb_Q_B4_C_50	GROUP_BTRA160023_DB41051_50_pro_05_Q_B4_C_50	GROUP_BTRA160023_DB41051_50_pro_05_Q_A_5_A1_50	GROUP_BTRA160023_DB41051_50_pro_05_Q_D_50_A4	GROUP_BTRA160023_DB41051_50_pro_05_Quach_50	GROUP_BTRA160023_reg_DB41051_50_pro_05_Quach_50	GROUP_BTRA160023_DB41051_50_pro_05_qHb_T_A1A5B_50
DB41051_04620 oligopeptide ABC transporter substrate-binding protein	101	81	106	9	43	4	42	89	148	92	5	43	112	32
DB41051_00007 ISP3 ATP synthase subunit beta	107	101	159	0	0	0	47	0	0	115	0	91	178	21
DB41051_03450 nicotinamide dependent hydrolase	0	27	9	30	49	23	0	0	0	0	388	0	17	0
DB41051_00609 phosphatase family C	33	23	42	24	3	34	7	27	24	86	183	93	32	0
DB41051_04149 aldehyde dehydrogenase	0	50	43	179	5	842	0	133	38	27	24	22	43	0
DB41051_00740 putative sulfite reductase	0	0	50	54	0	38	0	270	52	0	1	0	2	0
DB41051_00163 nicotinamide Cx5 hydratase	0	40	24	22	49	1	2	2	0	0	424	0	24	0
DB41051_03676 oligopeptide binding protein appA	102	110	104	1	34	0	48	22	109	40	2	48	128	34
DB41051_04444 N-acetylneuraminate 4-dehydrase antidote	22	91	39	119	21	443	4	3	2	0	82	0	51	1
DB41051_00735 molecular chaperone DnaK	3	40	71	0	48	0	14	0	1	2	210	41	48	0

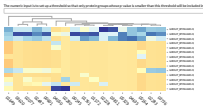
Showing 1 to 10 of 13 2 entries

Previous 1 2 3 4 5 ... 13 Next

Heatmap

☑ Apply clustering
☑ Apply column scaling

Maximum P Value

0.05

The numeric input is to set up a threshold so that only proteins groups whose p value is smaller than this threshold will be included in the heatmap below.