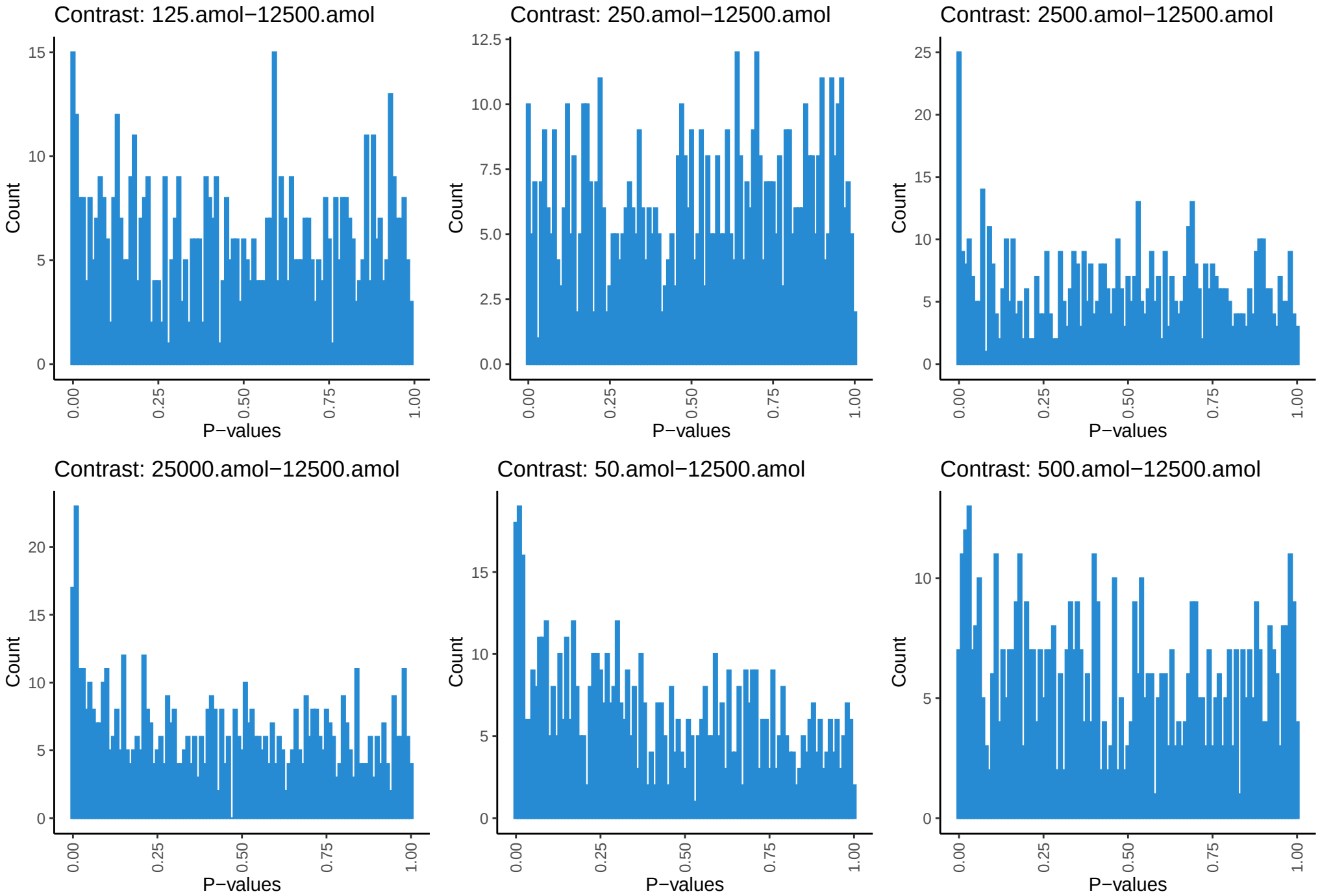
Project Name: NormalyzerProteins

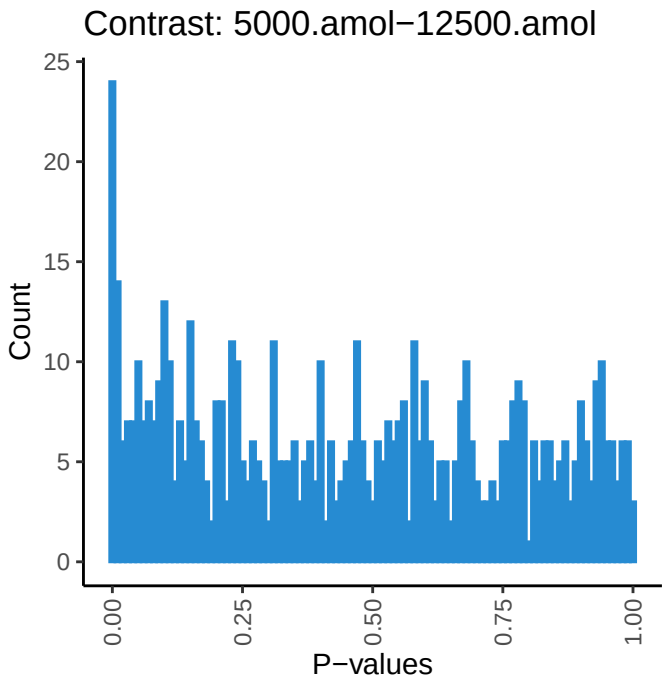
NormalyzerDE (ver 1.14.0)

Report created on: 2022−07−06

Citation: NormalyzerDE: Online Tool for Improved Normalization of Omics Expression Data and High−Sensitivity Differential Expression Analysis
Journal of Proteome Research (2018), 10.1021/acs.jproteome.8b00523

Documentation for analyzing this report can be found at http://quantitativeproteomics.org/normalyzer/help.php


Contrast: 125.amol−12500.amol
Contrast: 250.amol−12500.amol
Contrast: 2500.amol−12500.amol
Contrast: 25000.amol−12500.amol
Contrast: 50.amol−12500.amol
Contrast: 500.amol−12500.amol
Count
P−values
0.00
0.25
0.50
0.75
1.00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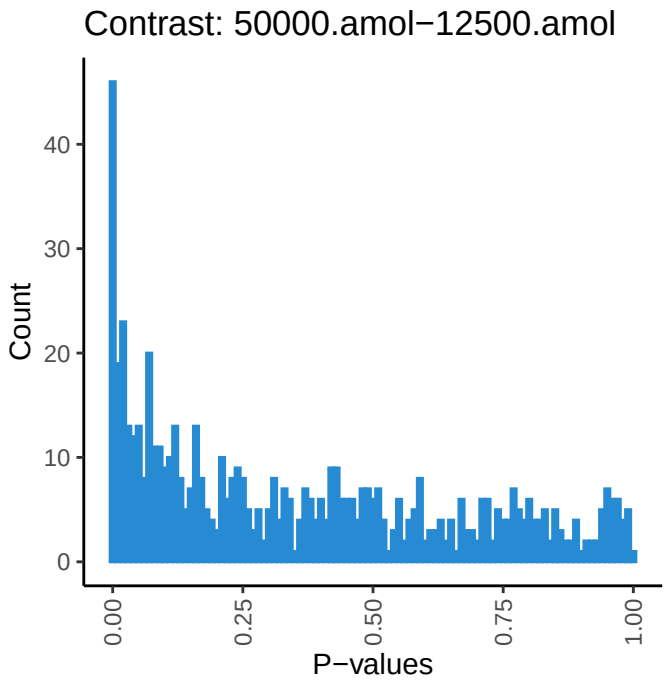
20
15
10
5
0
0.00
0.25
0.50
0.75
1.00
P−values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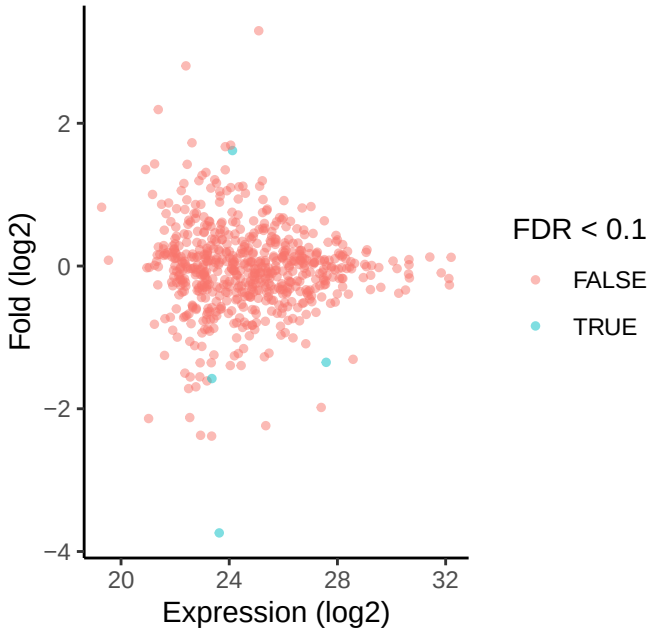
30
20
10
0
0.00
0.25
0.50
0.75
1.00
P−values

Contrast: 125.amol−12500.amol



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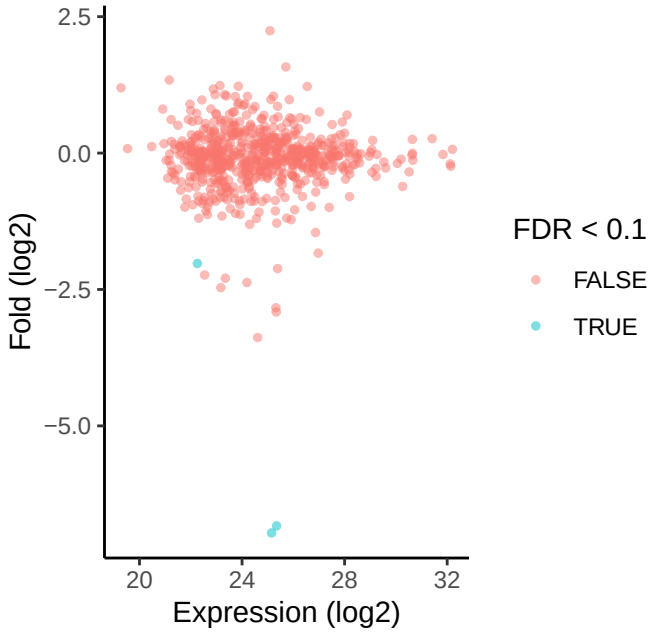
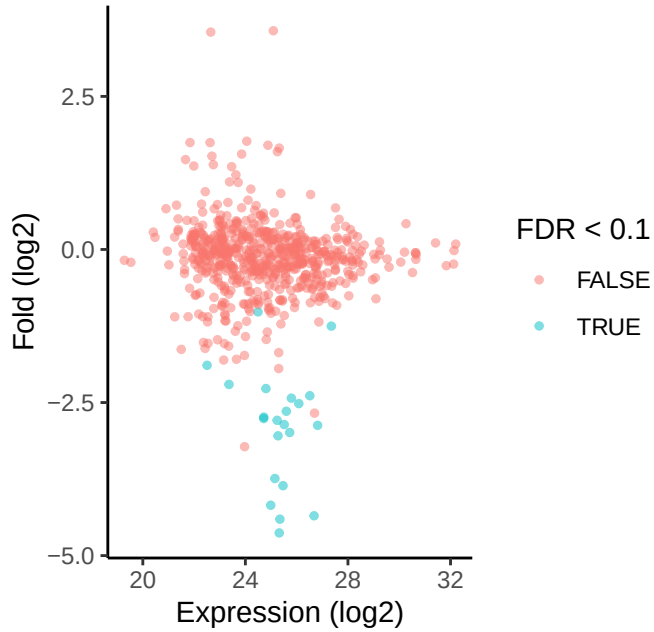


Contrast: 2500.amol−12500.amol



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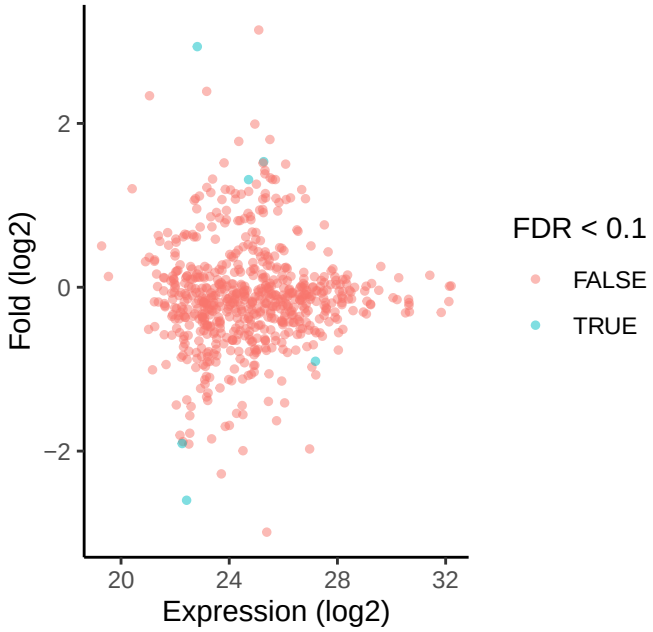

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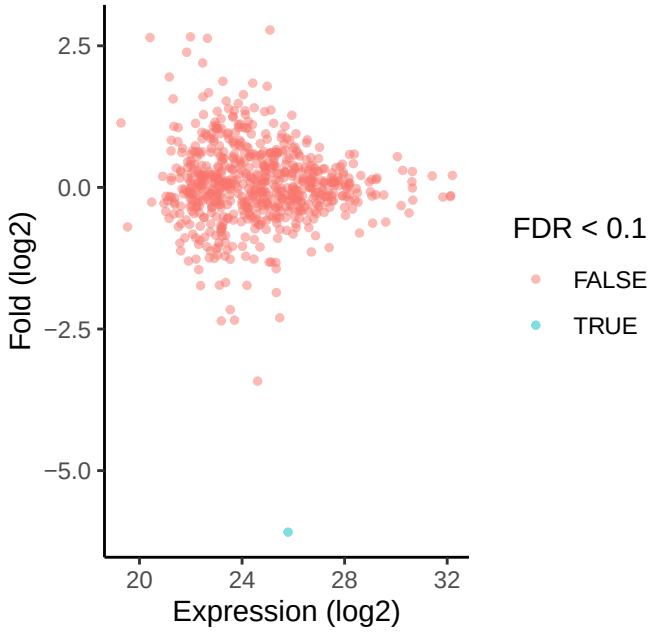

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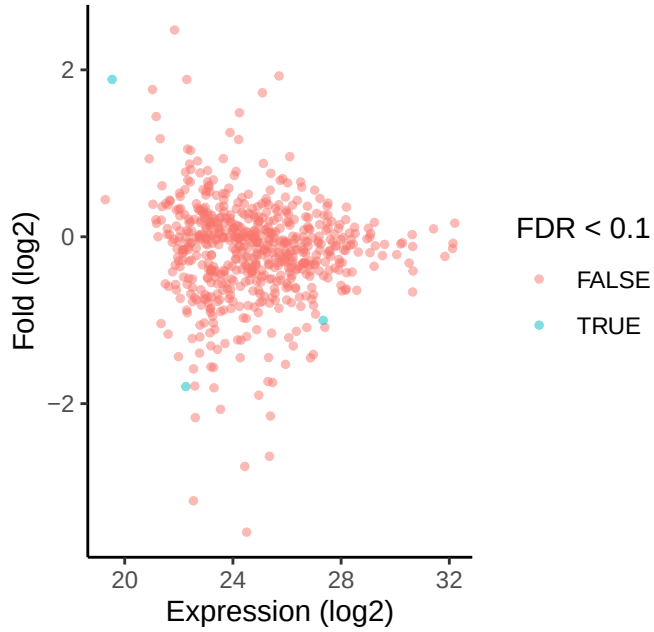
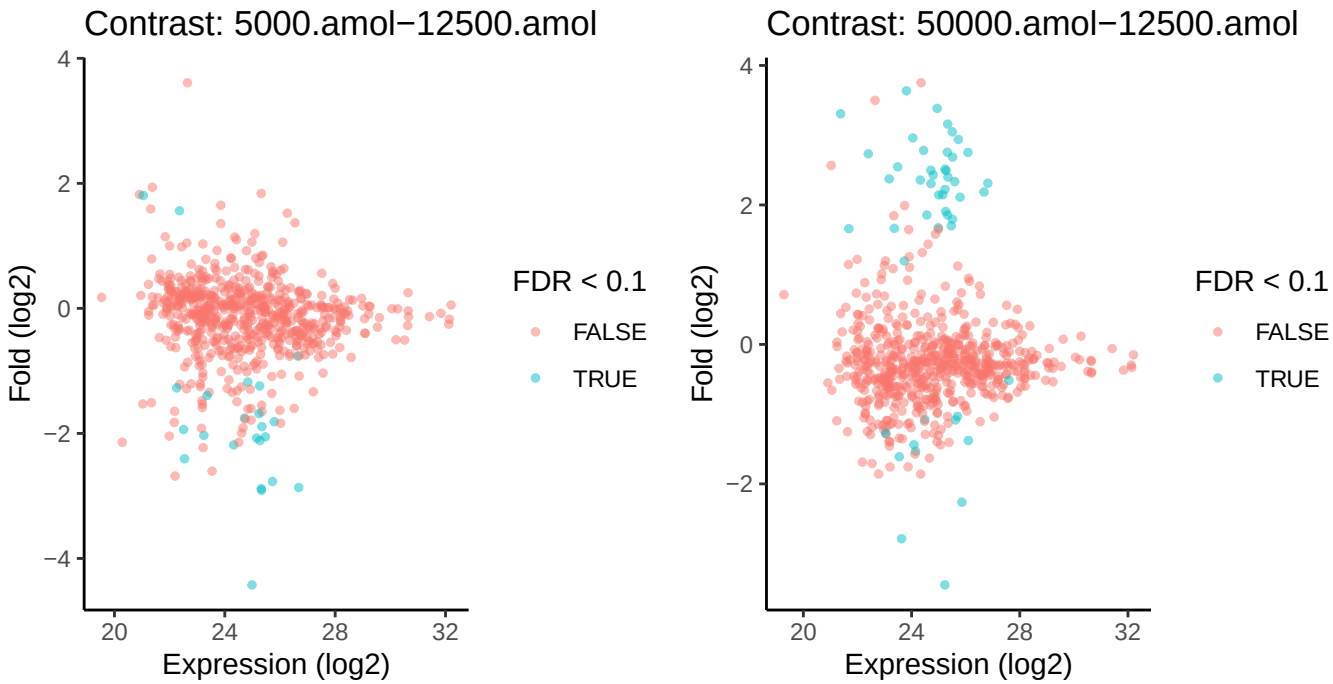
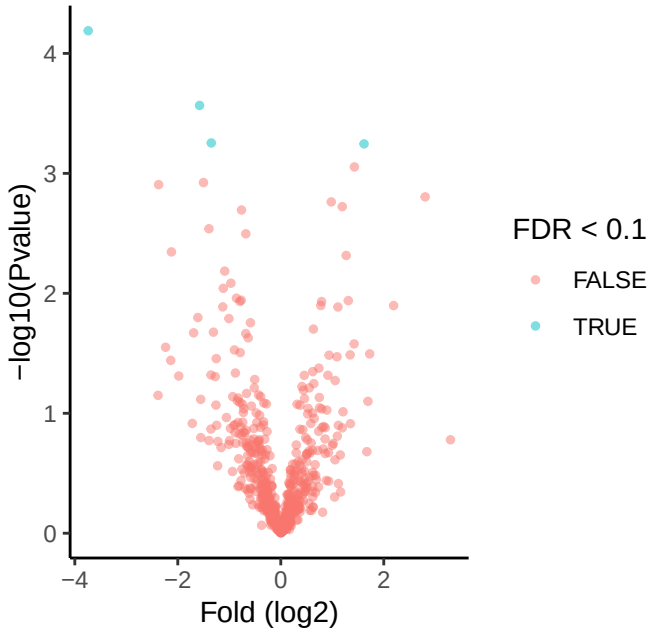
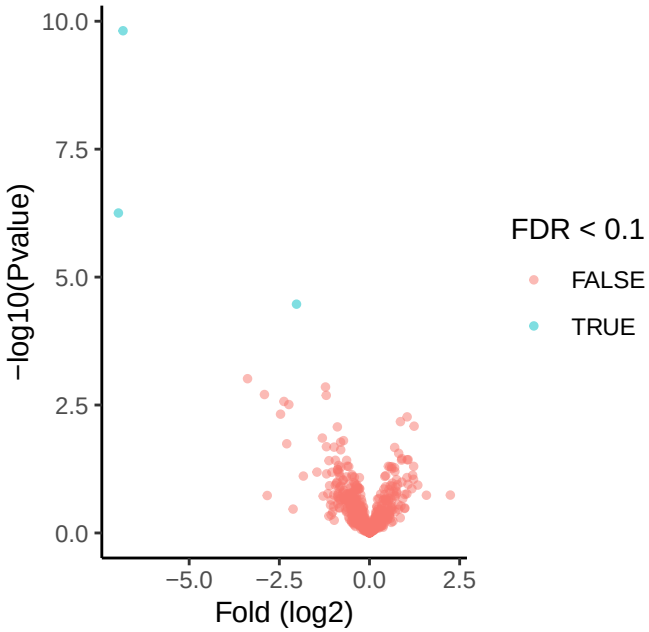



Contrast: 5000.amol−12500.amol
Contrast: 50000.amol−12500.amol
Fold (log2)
Expression (log2)
FDR < 0.1
FALSE
TRUE
4
2
0
−2
−4
20
24
28
32

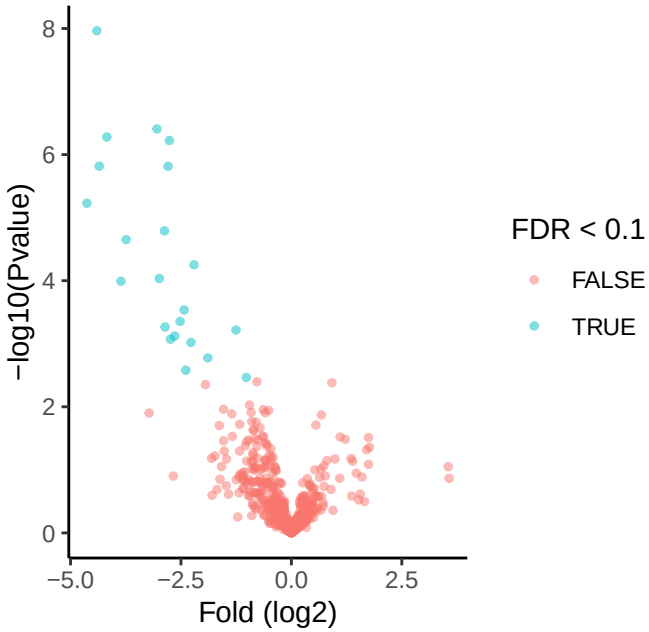
Contrast: 125.amol−12500.amol



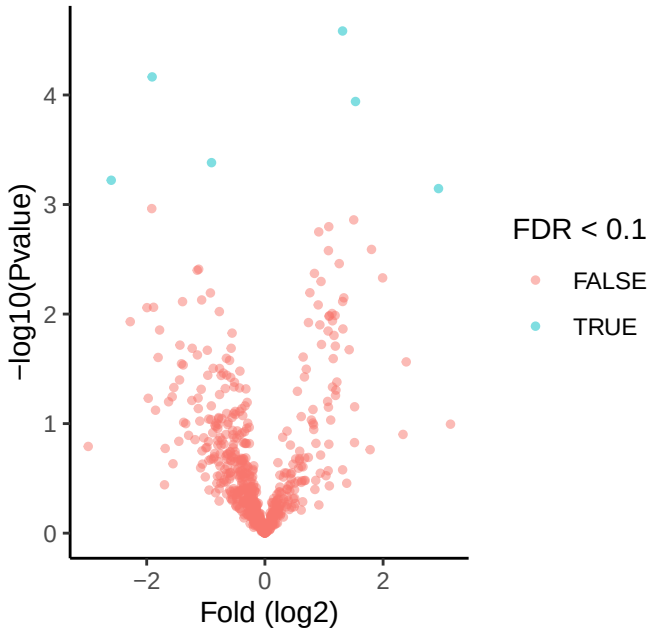
Contrast: 250.amol−12500.amol



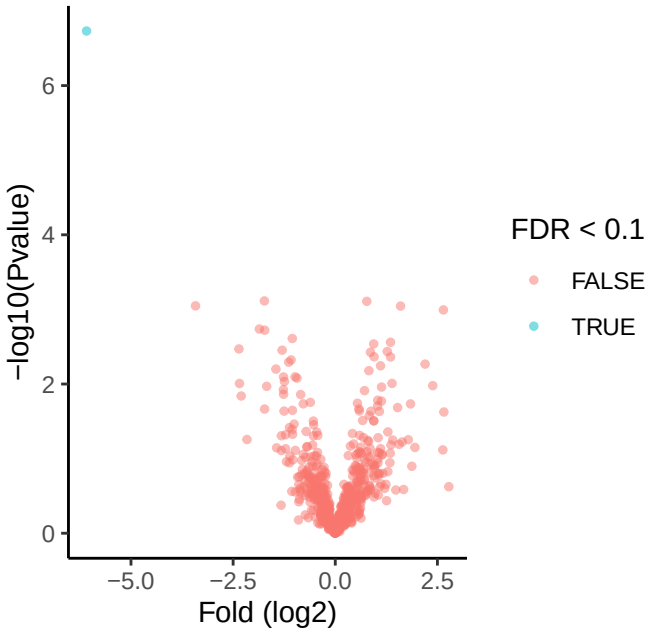
Contrast: 2500.amol−12500.amol



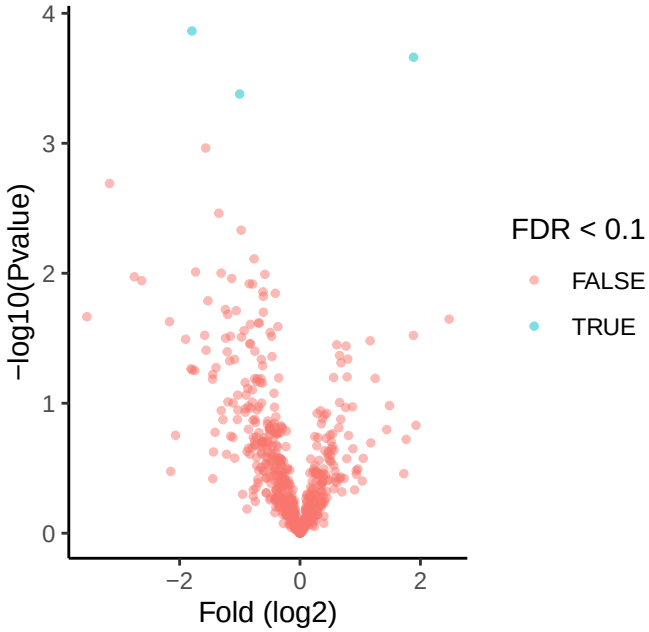
Contrast: 25000.amol−12500.amol

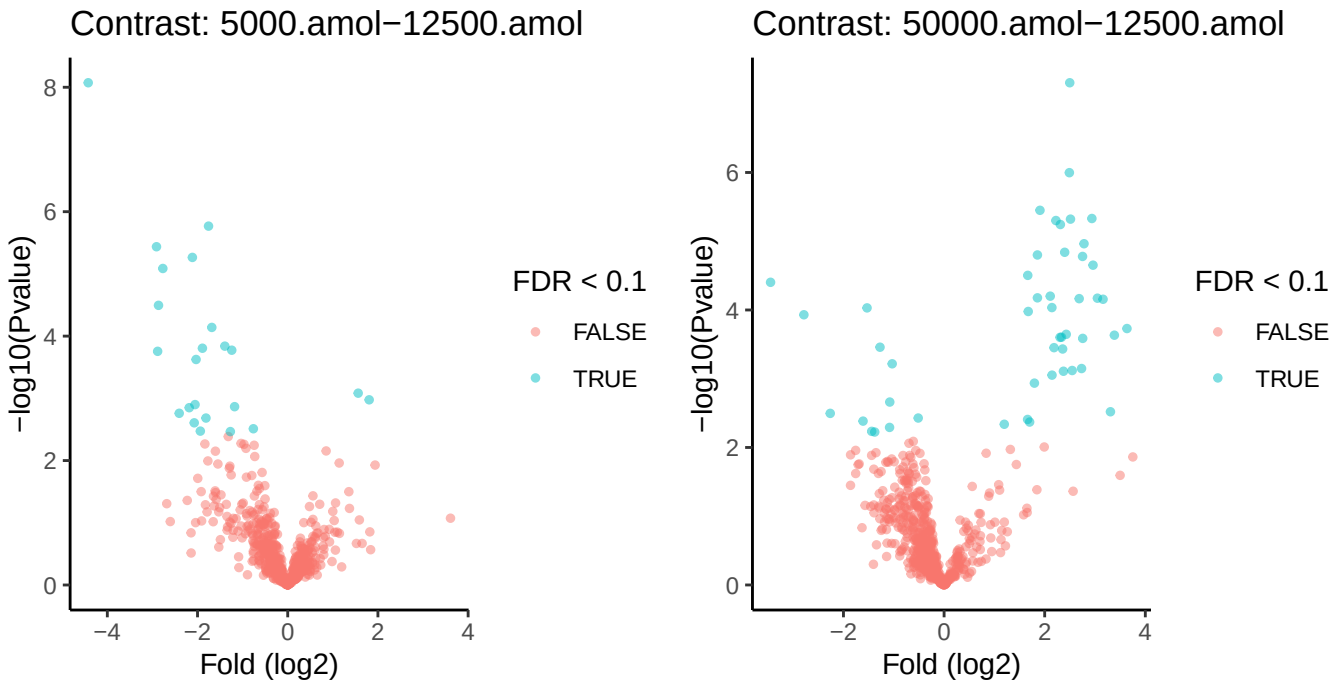


Contrast: 50.amol−12500.amol

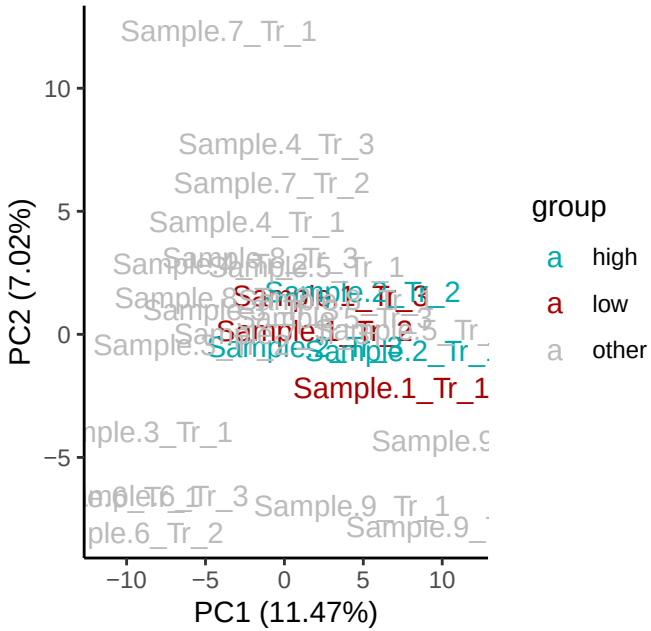


Contrast: 500.amol−12500.amol

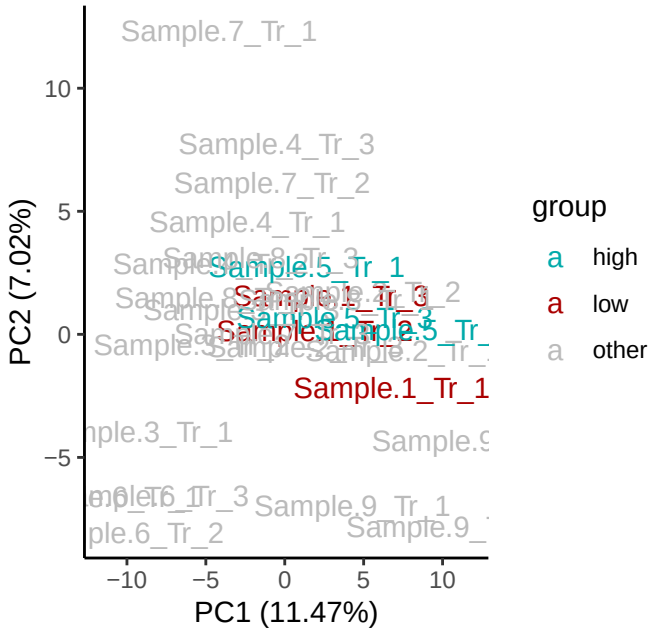



Contrast: 5000.amol−12500.amol
−log10(Pvalue)
Fold (log2)
FDR < 0.1
FALSE
TRUE
Contrast: 50000.amol−12500.amol
−log10(Pvalue)
Fold (log2)
FDR < 0.1
FALSE
TRUE

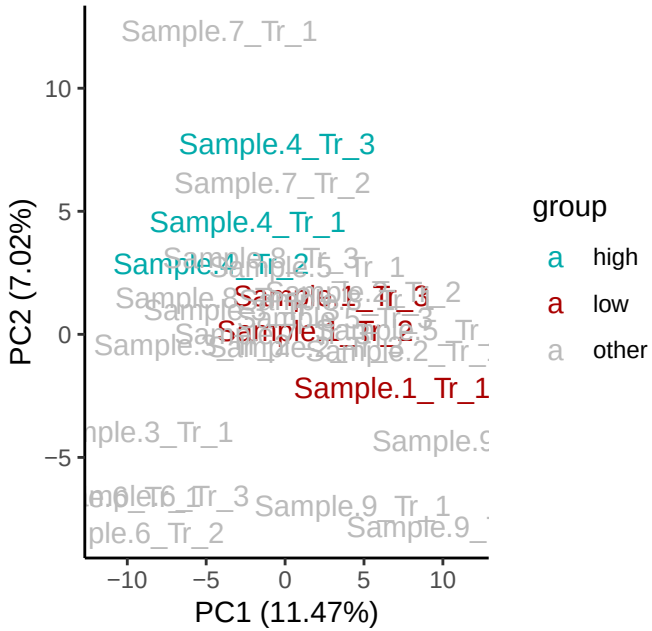
125.amol vs. 12500.amol



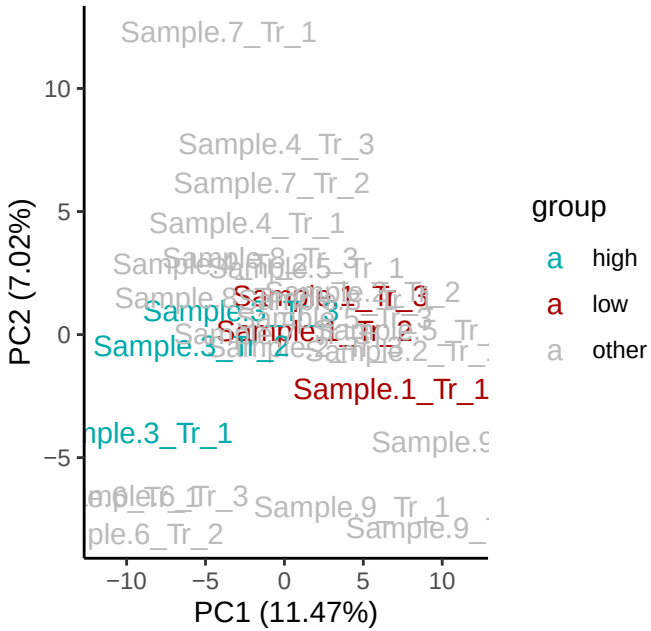
250.amol vs. 12500.amol



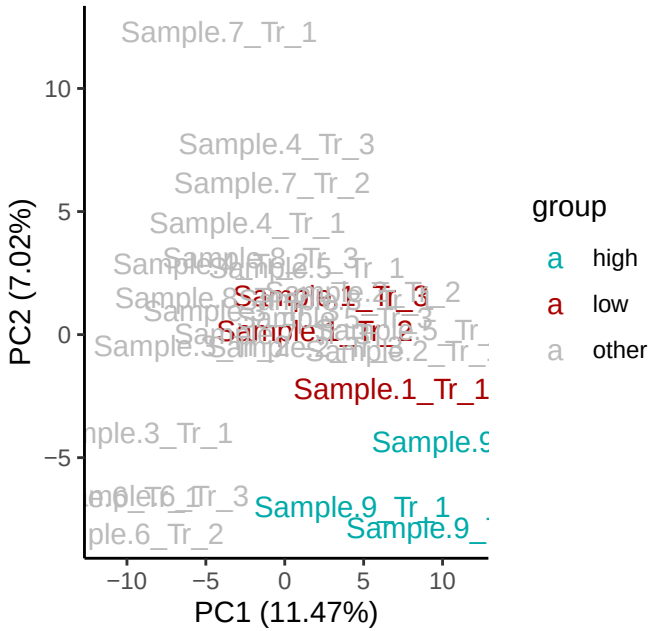
2500.amol vs. 12500.amol



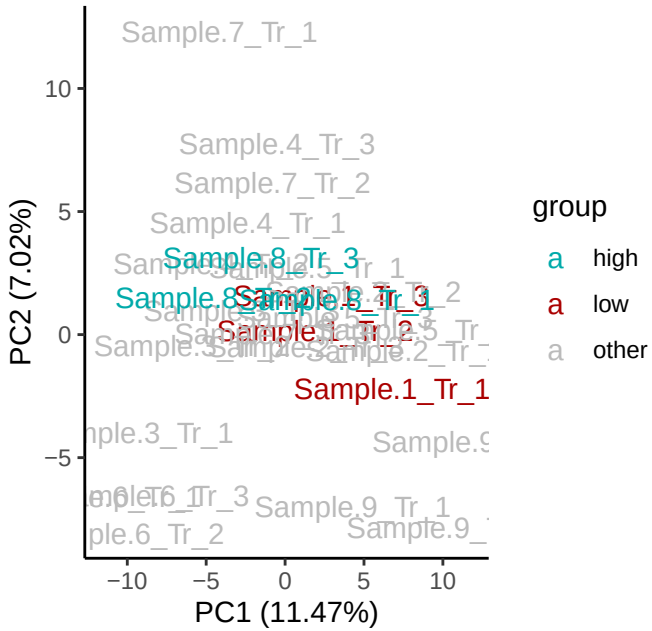
25000.amol vs. 12500.amol

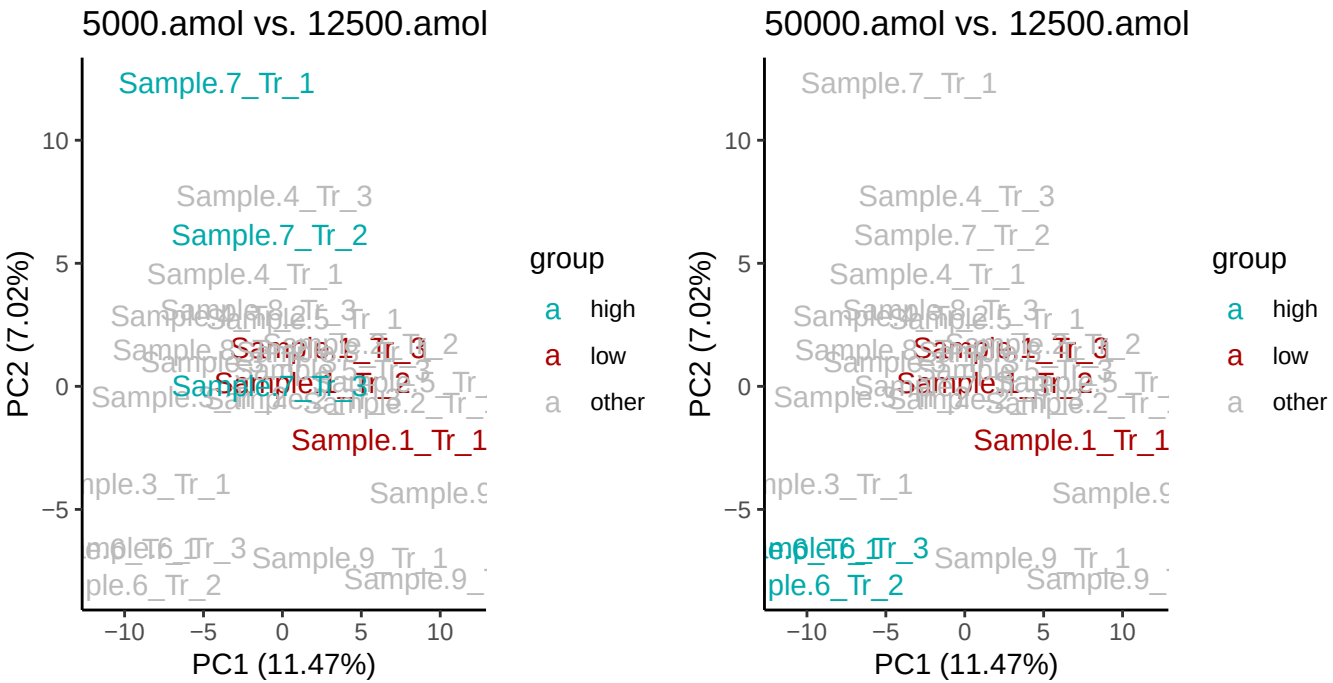


50.amol vs. 12500.amol

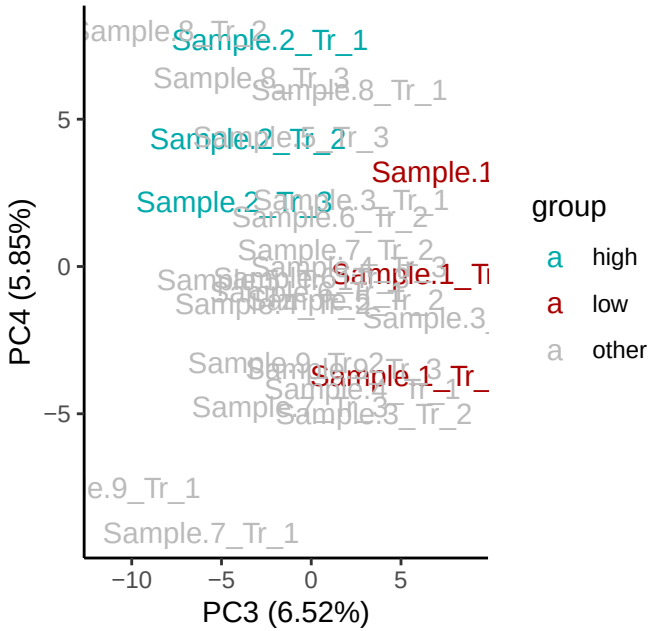


500.amol vs. 12500.amol

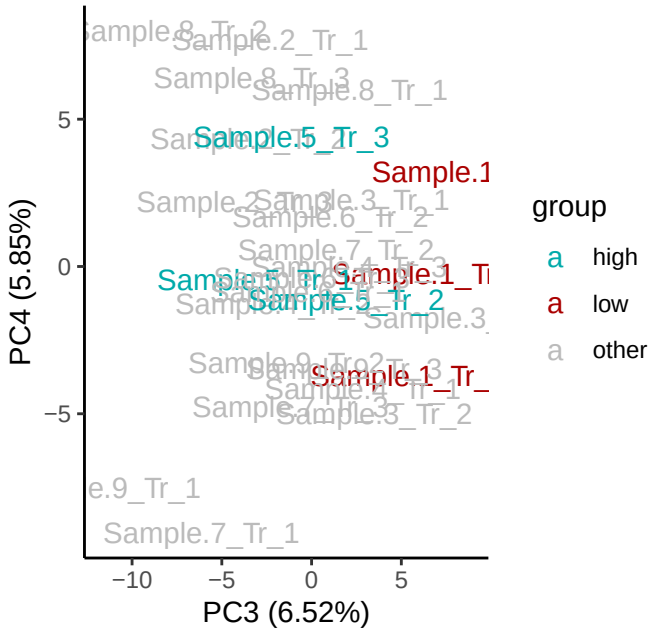



5000.amol vs. 12500.amol
Sample.7_Tr_1
Sample.4_Tr_3
Sample.7_Tr_2
Sample.4_Tr_1
Sample.1_Tr_3
Sample.1_Tr_2
Sample.1_Tr_1
Sample.9_Tr_1
10
5
0
−5
−10
−5
0
5
10
PC2 (7.02%)
PC1 (11.47%)
group
a high
a low
a other
50000.amol vs. 12500.amol
Sample.7_Tr_1
Sample.4_Tr_3
Sample.7_Tr_2
Sample.4_Tr_1
Sample.1_Tr_3
Sample.1_Tr_2
Sample.1_Tr_1
Sample.9_Tr_1
10
5
0
−5
−10
−5
0
5
10
PC2 (7.02%)
PC1 (11.47%)
group
a high
a low
a other

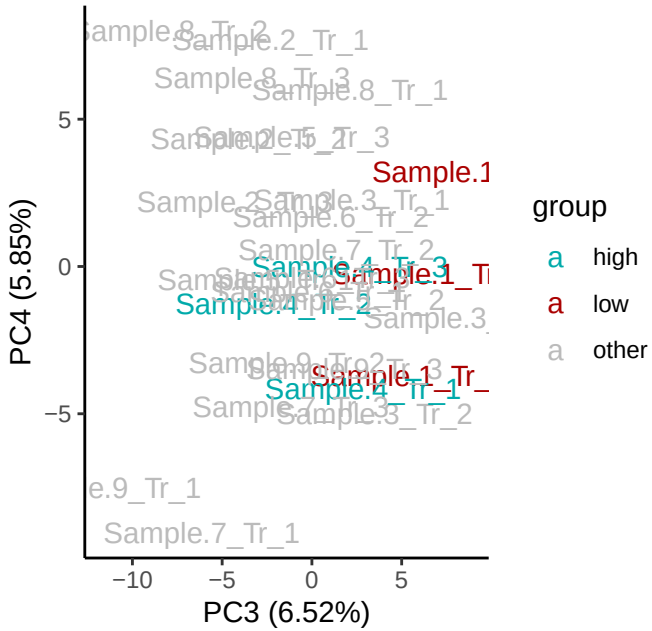
125.amol vs. 12500.amol



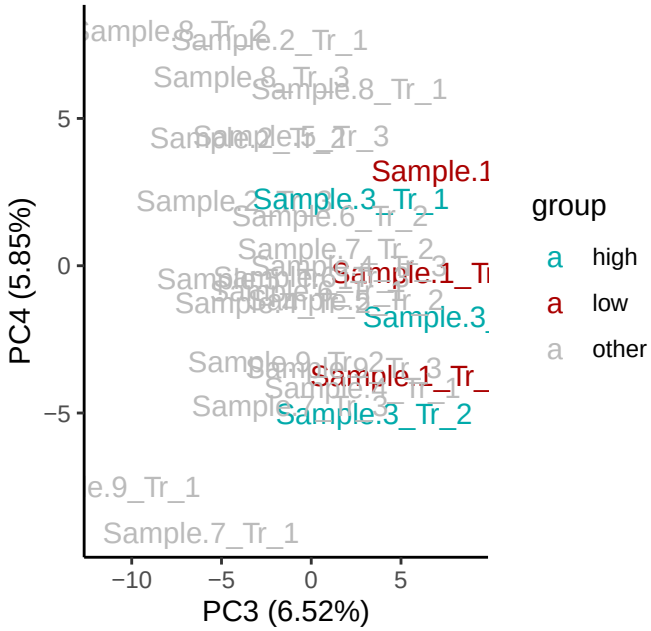
250.amol vs. 12500.amol



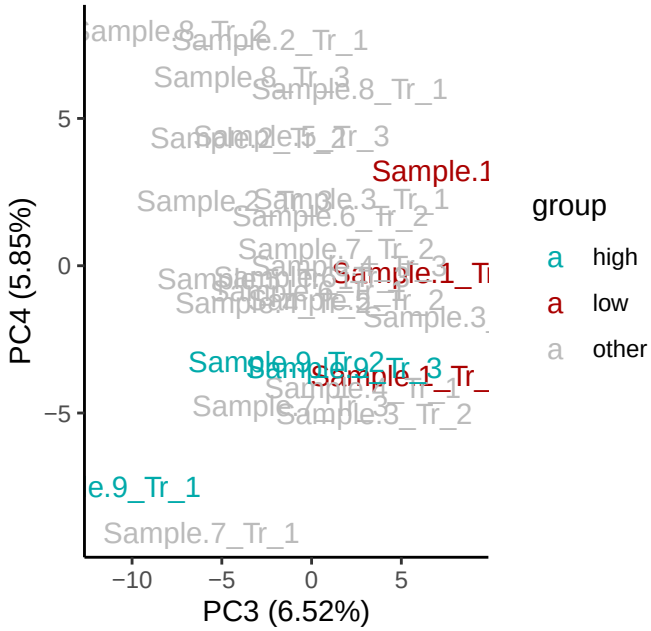
2500.amol vs. 12500.amol



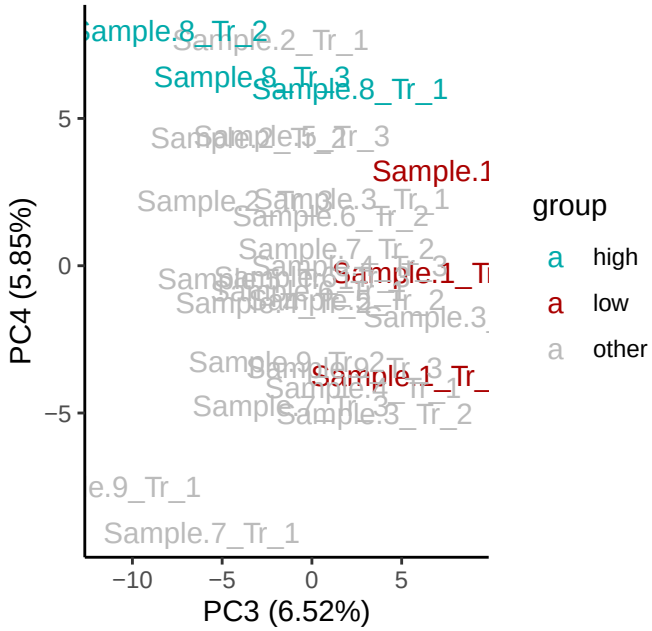
25000.amol vs. 12500.amol

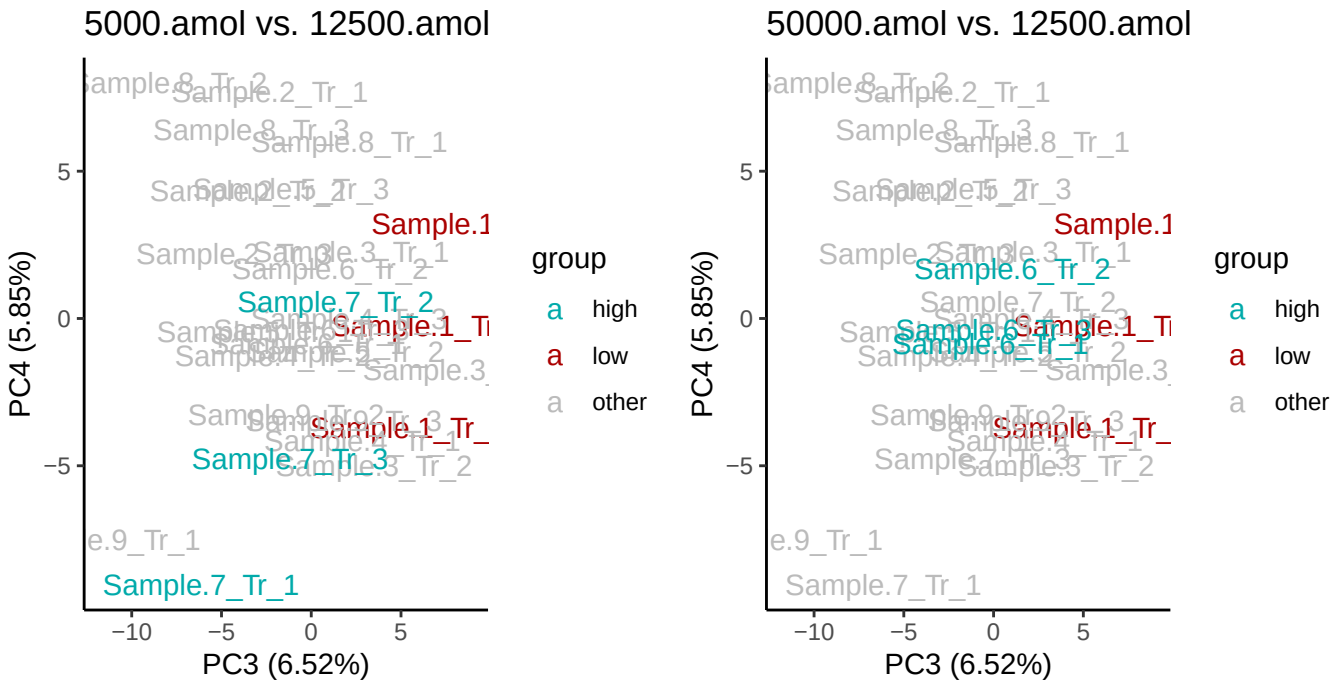


50.amol vs. 12500.amol



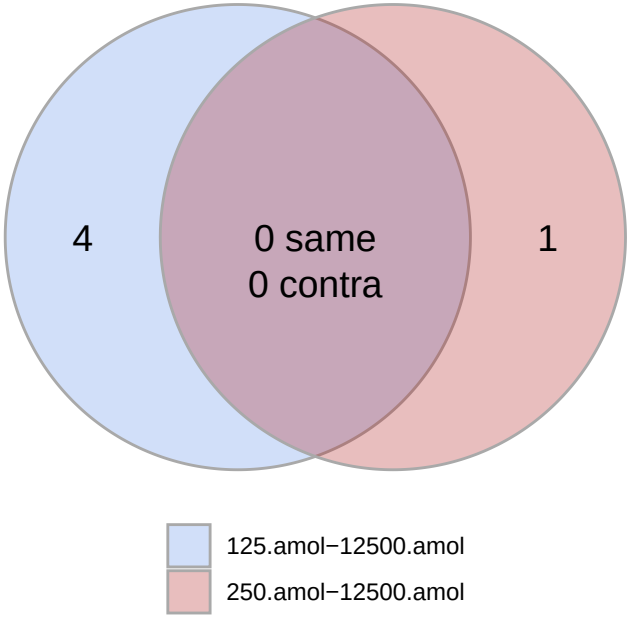
500.amol vs. 12500.amol



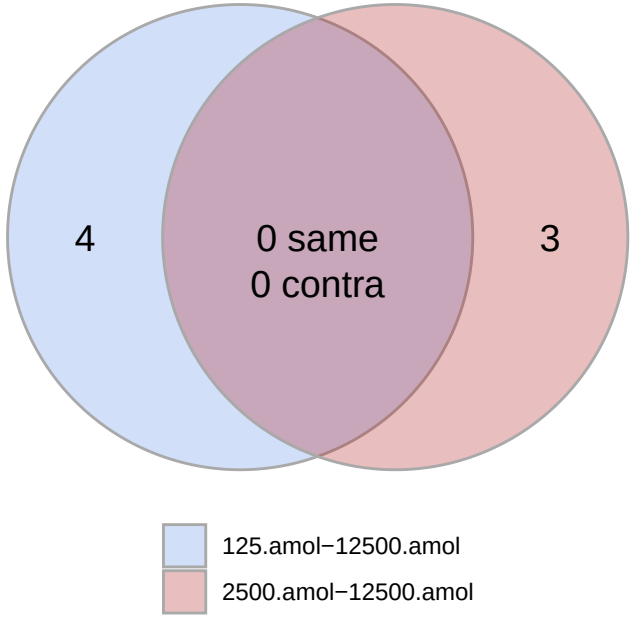

5000.amol vs. 12500.amol
PC4 (5.85%)
PC3 (6.52%)
group
a high
a low
a other
Sample.1
Sample.7_Tr_2
Sample.1_Tr_
Sample.7_Tr_3
Sample.7_Tr_1

50000.amol vs. 12500.amol
PC4 (5.85%)
PC3 (6.52%)
group
a high
a low
a other
Sample.1
Sample.6_Tr_2
Sample.1_Tr_
Sample.7_Tr_1

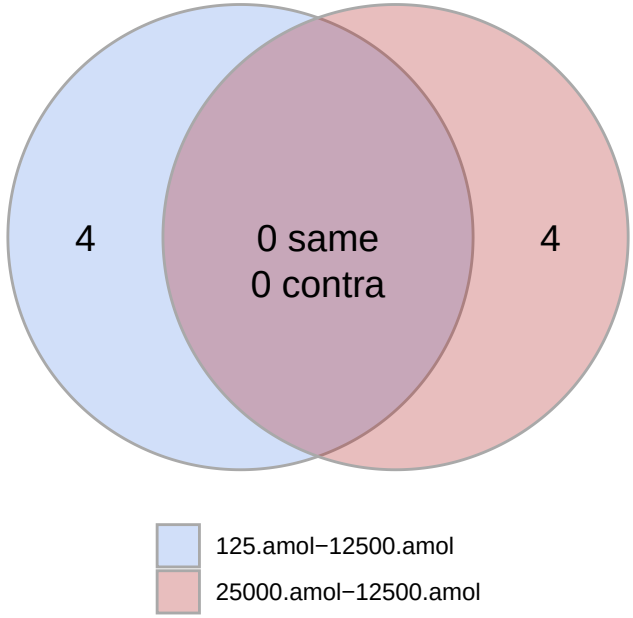
fdr < 0.1, |log2 fold| >= 0



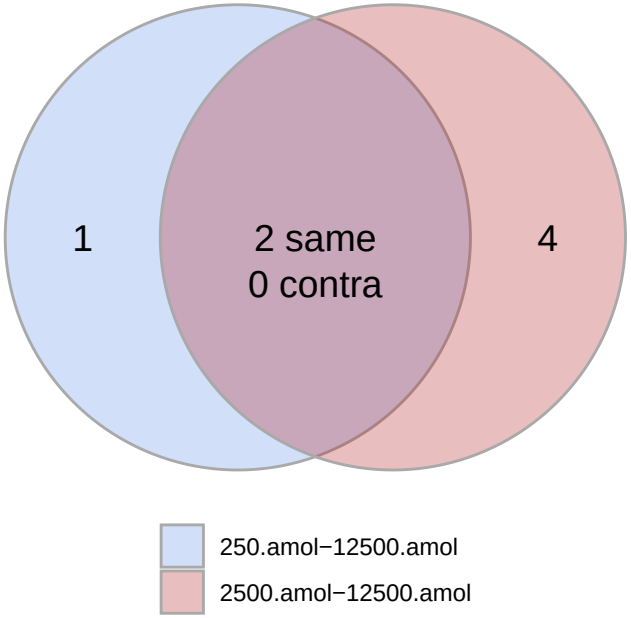
fdr < 0.1, |log2 fold| >= 0



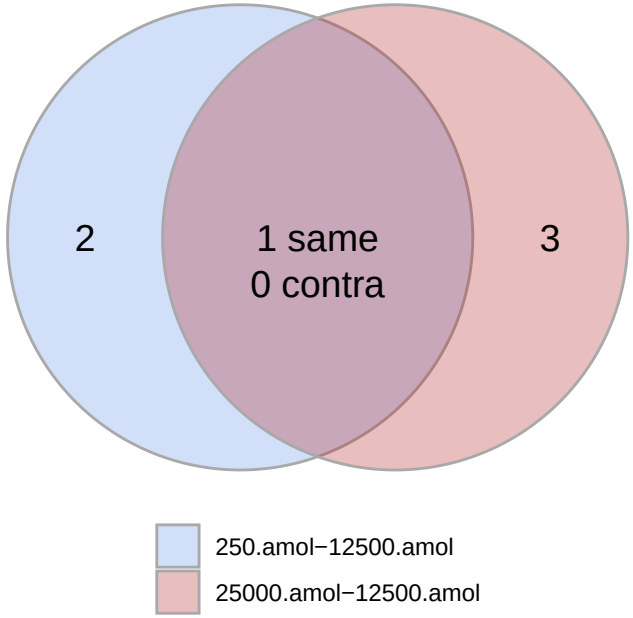
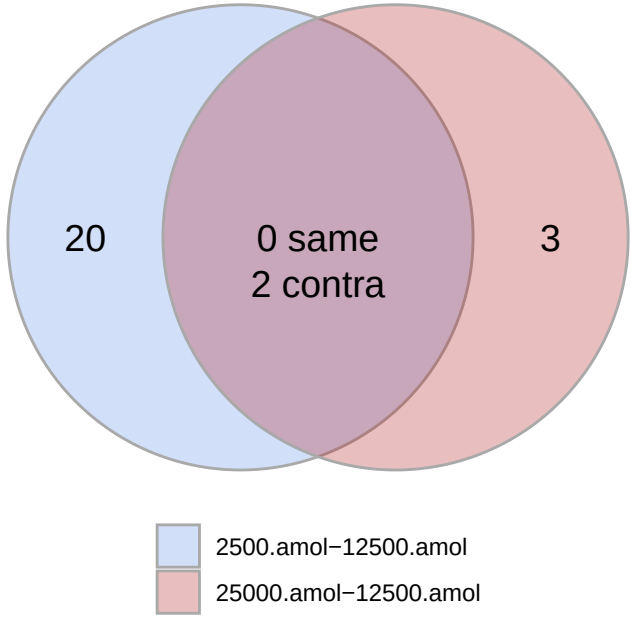
fdr < 0.1, |log2 fold| >= 0



fdr < 0.1, |log2 fold| >= 0



fdr < 0.1, |log2 fold| >= 0



fdr < 0.1, |log2 fold| >= 0