

1

B)

1769308_at 1769309_at 1769310_at 1769311_at 1769312_at
8.936128 5.666040 5.650467 11.380948 9.752480

C)

Features Samples
10928 30

2

A)

yeast2

B)

[1] "GO:0004300" "GO:0003857" "GO:0016829" "GO:0016491" "GO:0003824"
"GO:0016853"

6 go numbers

C)

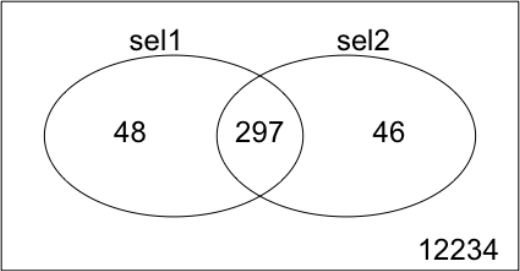
4 go parents

D)

6 go children

3)

B)



C)

[1] 345 genes passed the Wilcoxon filter?

[2] 297 genes passed both filter

D)

The GO number of oncogene is "GO:0090402"

E)

0 gene in the pass filter genes is oncogenes

4)

B)

Here are the top five genes with nonzero means in B3 group.

AFFX-hum_alu_at

32466_at

31962_at

32748_at

35278_at

C)

314 differentially expressed genes are found

The top five are

1389_at 1914_at 33358_at 38555_at 40763_at