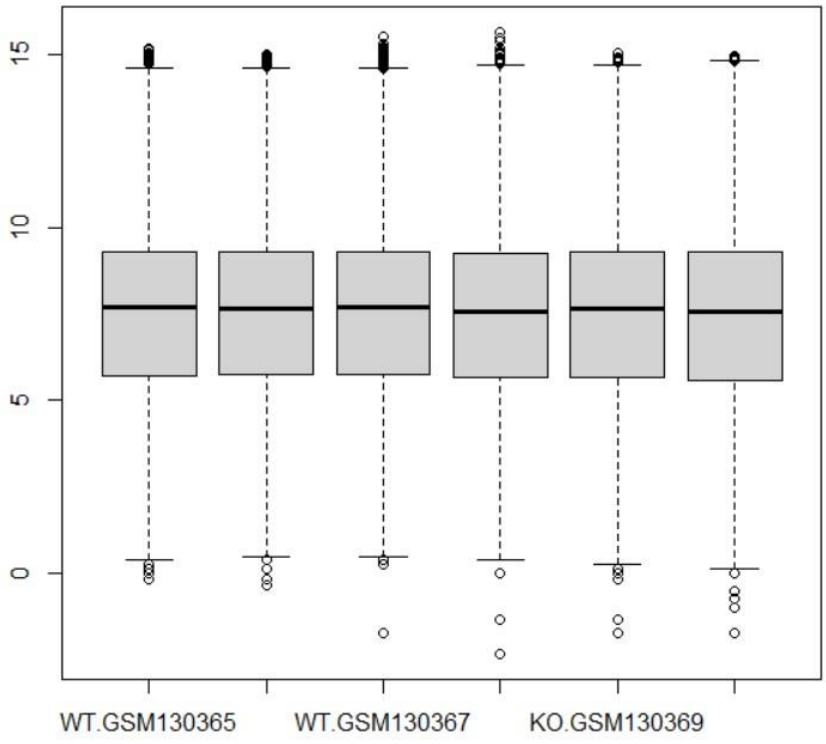
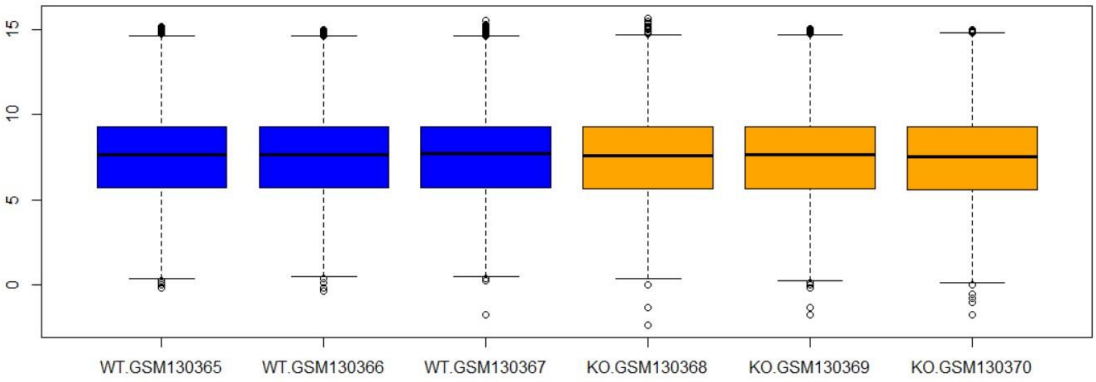
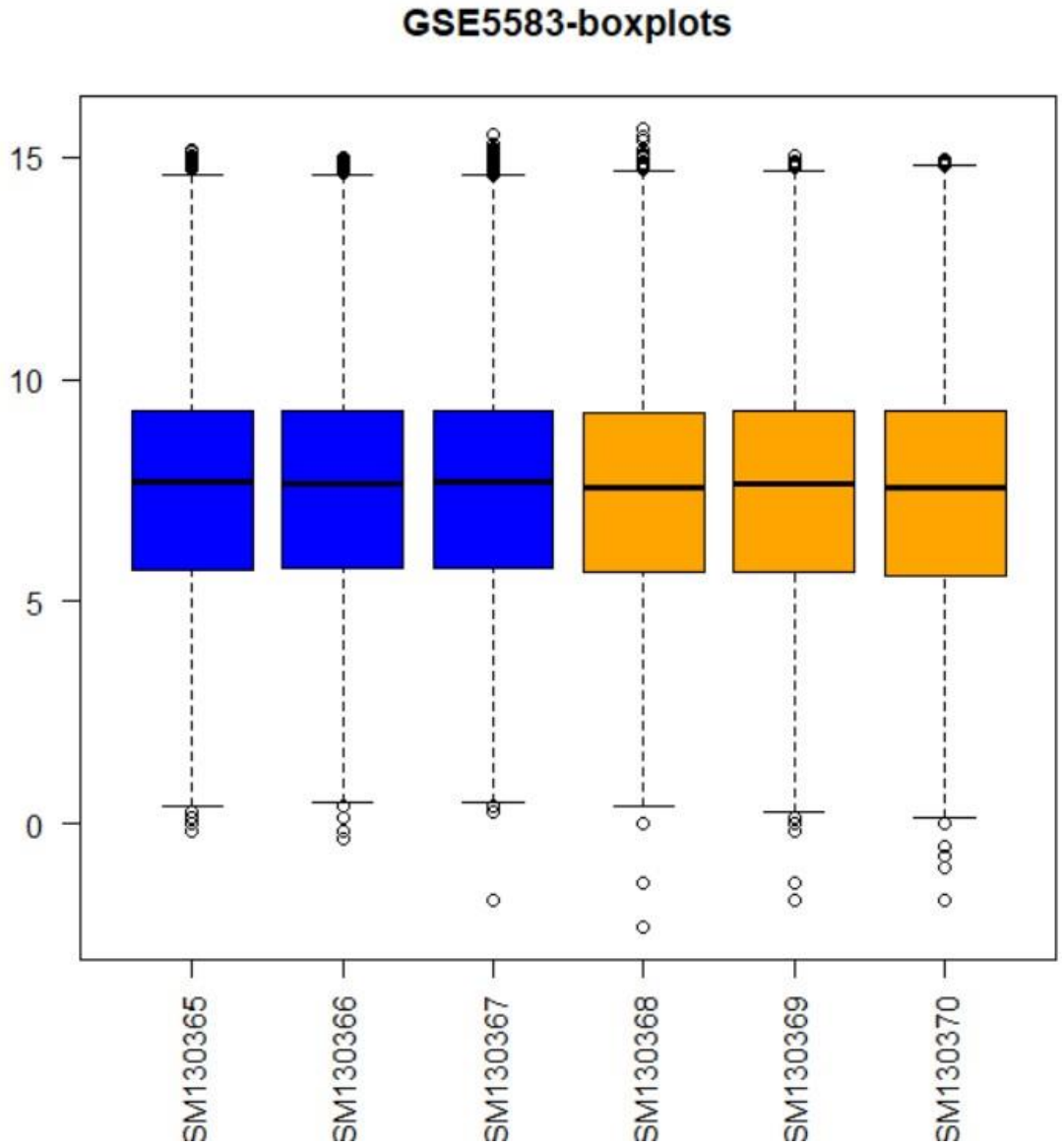
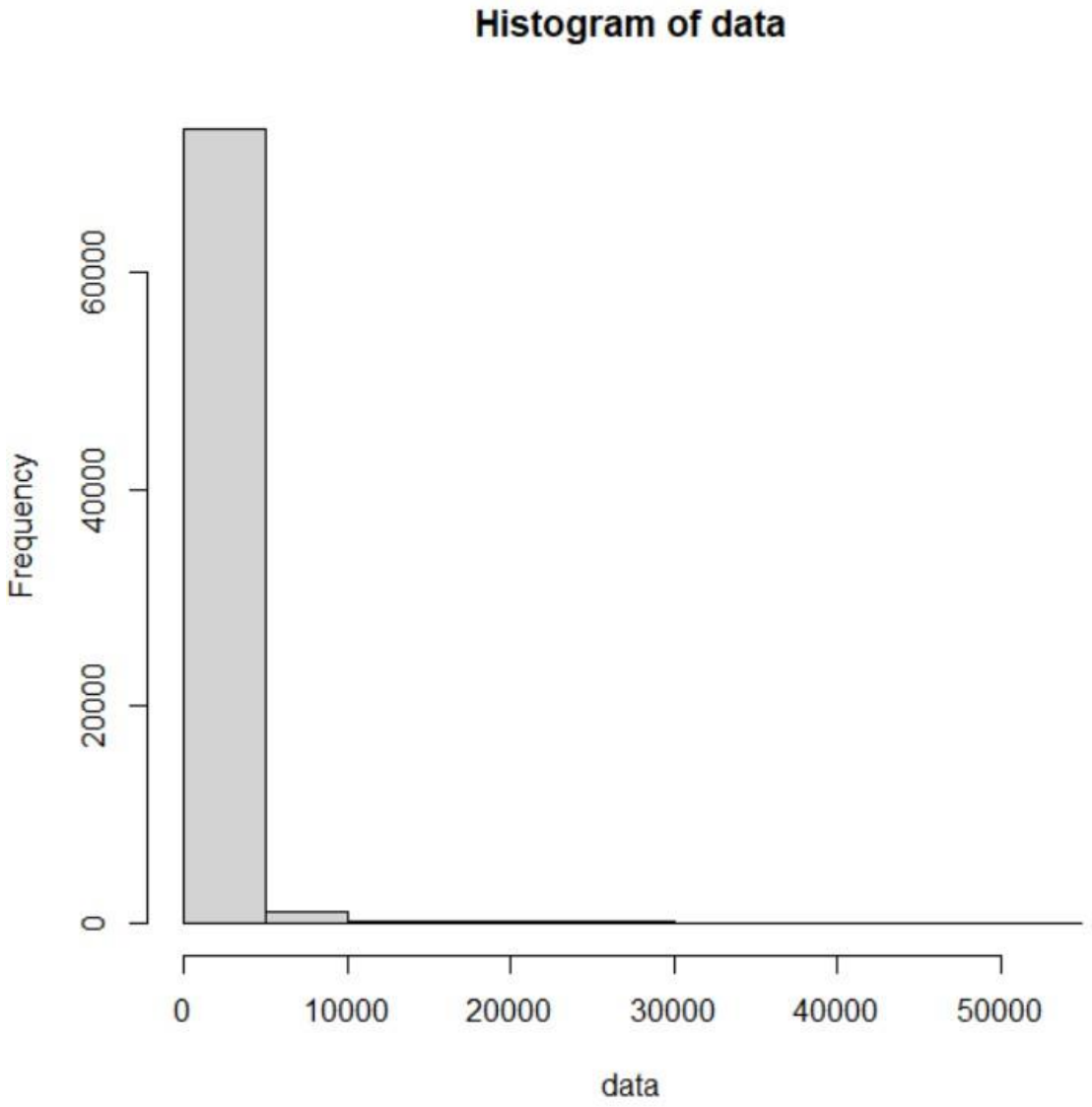
FOTOS PRACTICA R

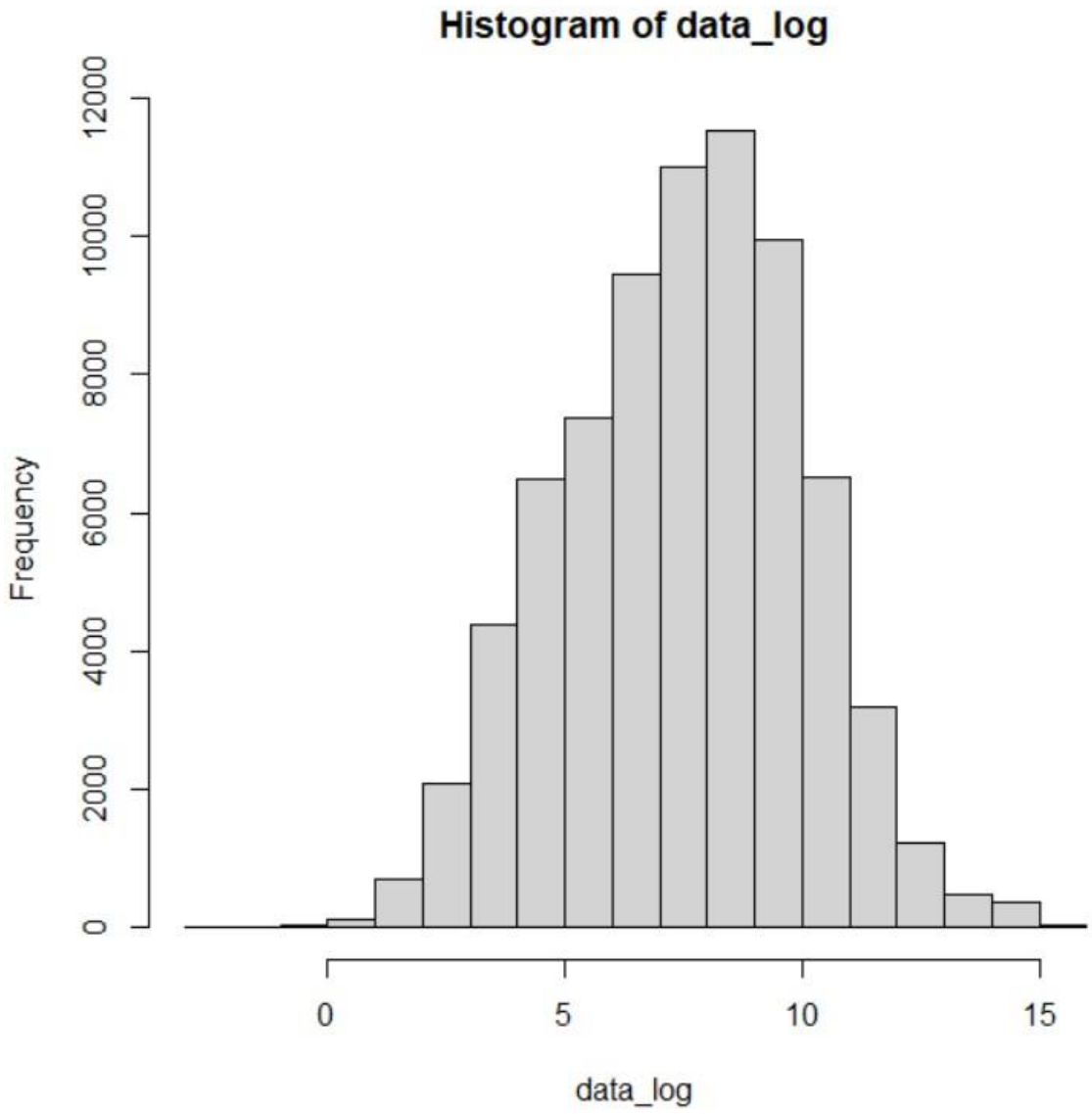
EVA GOMEZ ERNANDEZ NP:130

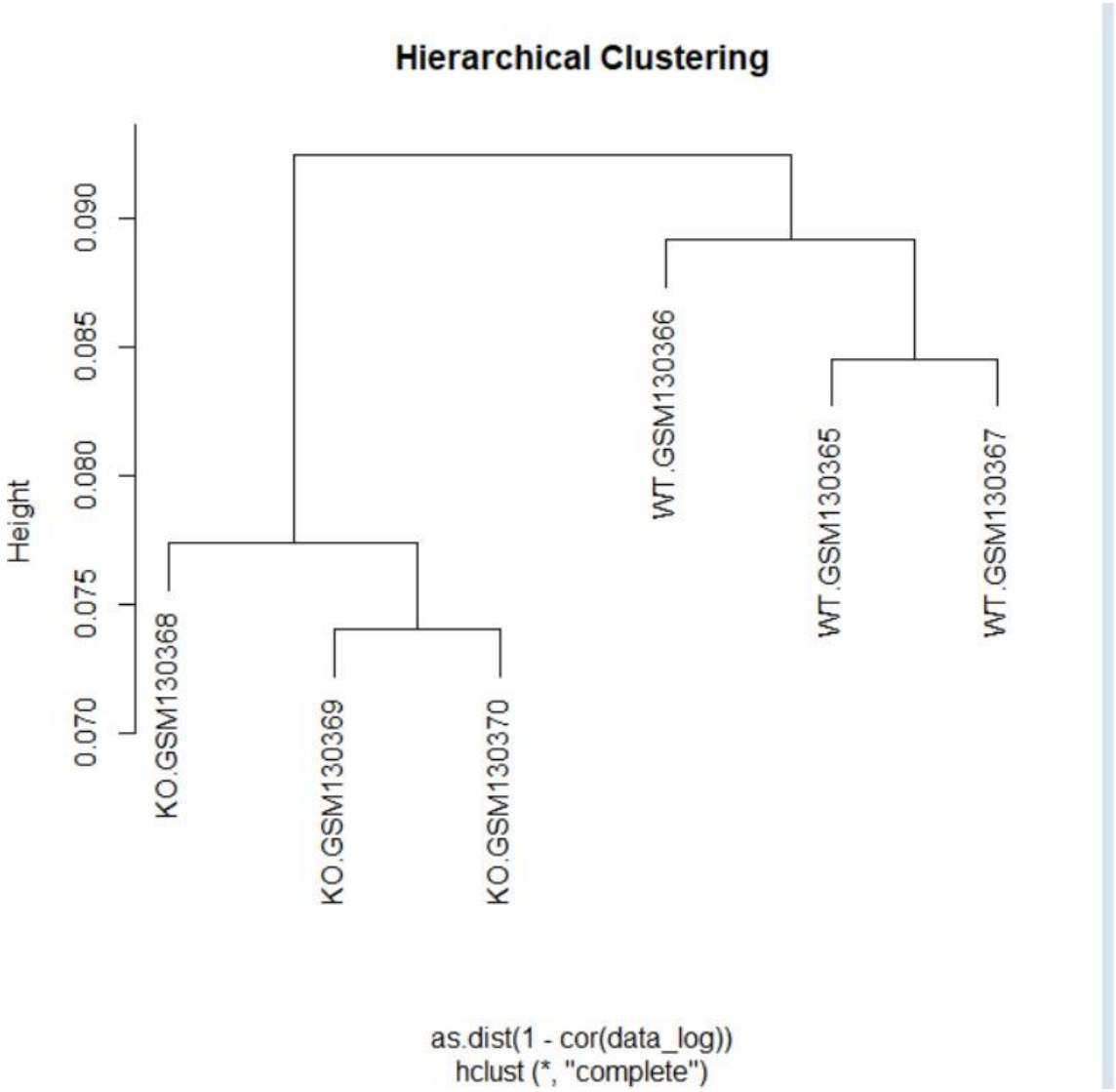


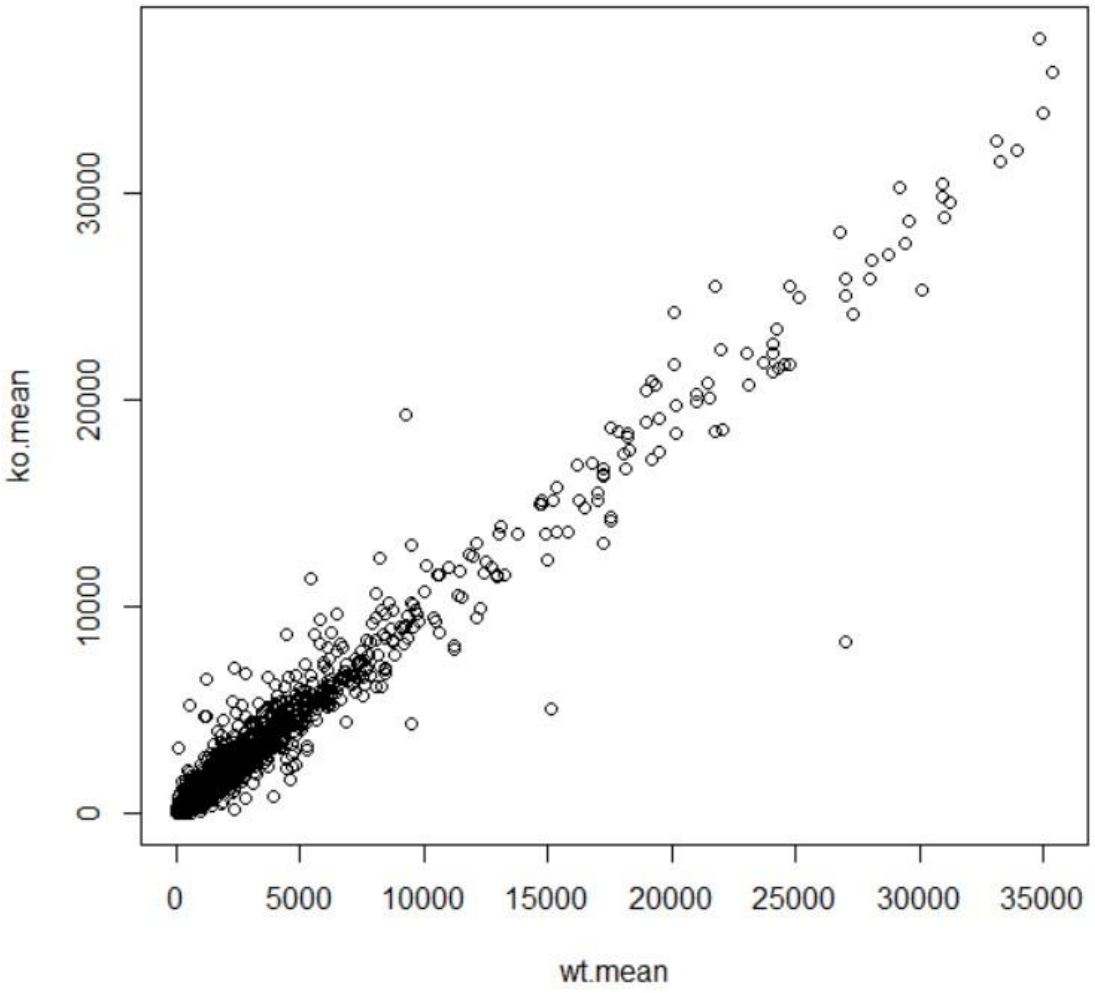


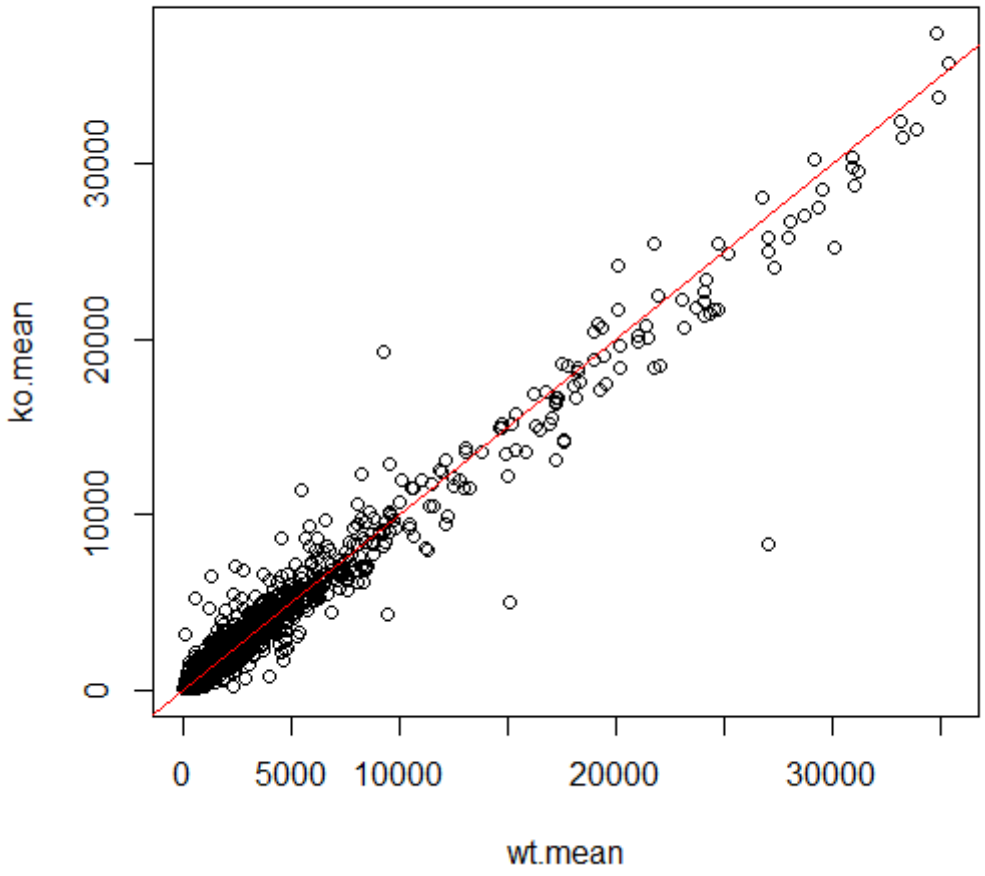

GSE5583-boxplots
15
10
5
0
SM130365
SM130366
SM130367
SM130368
SM130369
SM130370

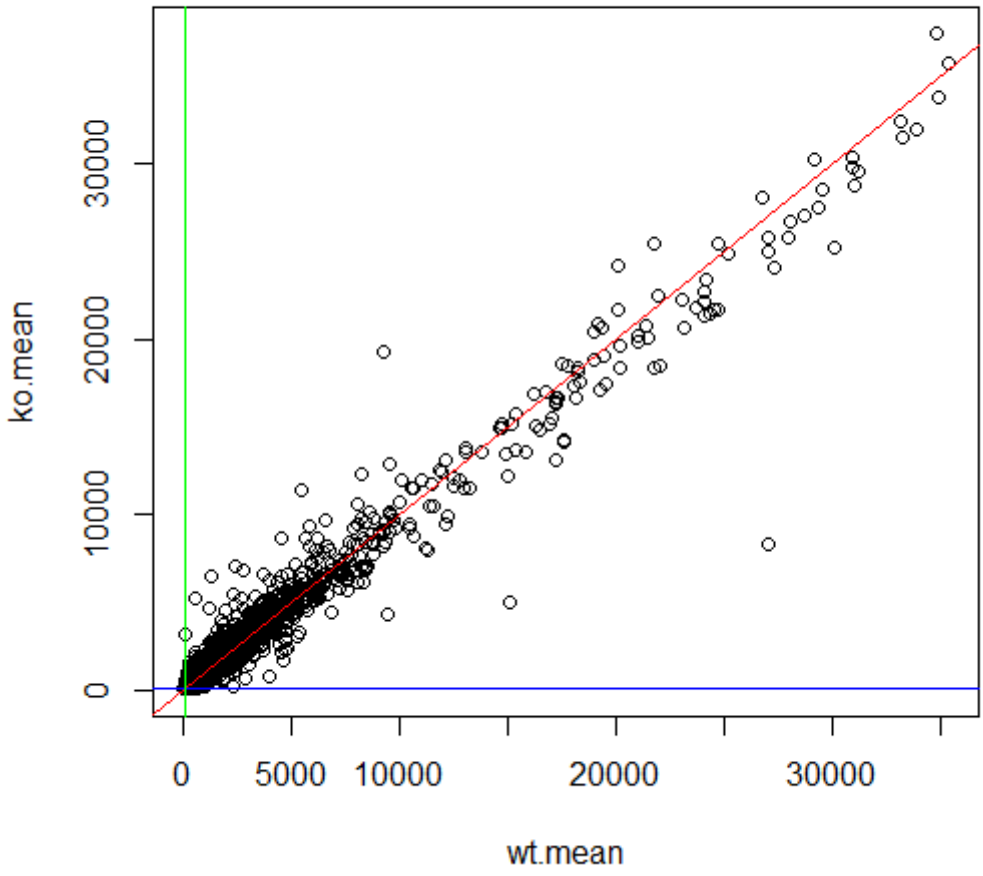

Histogram of data
Frequency
0
20000
40000
60000
0
10000
20000
30000
40000
50000
data

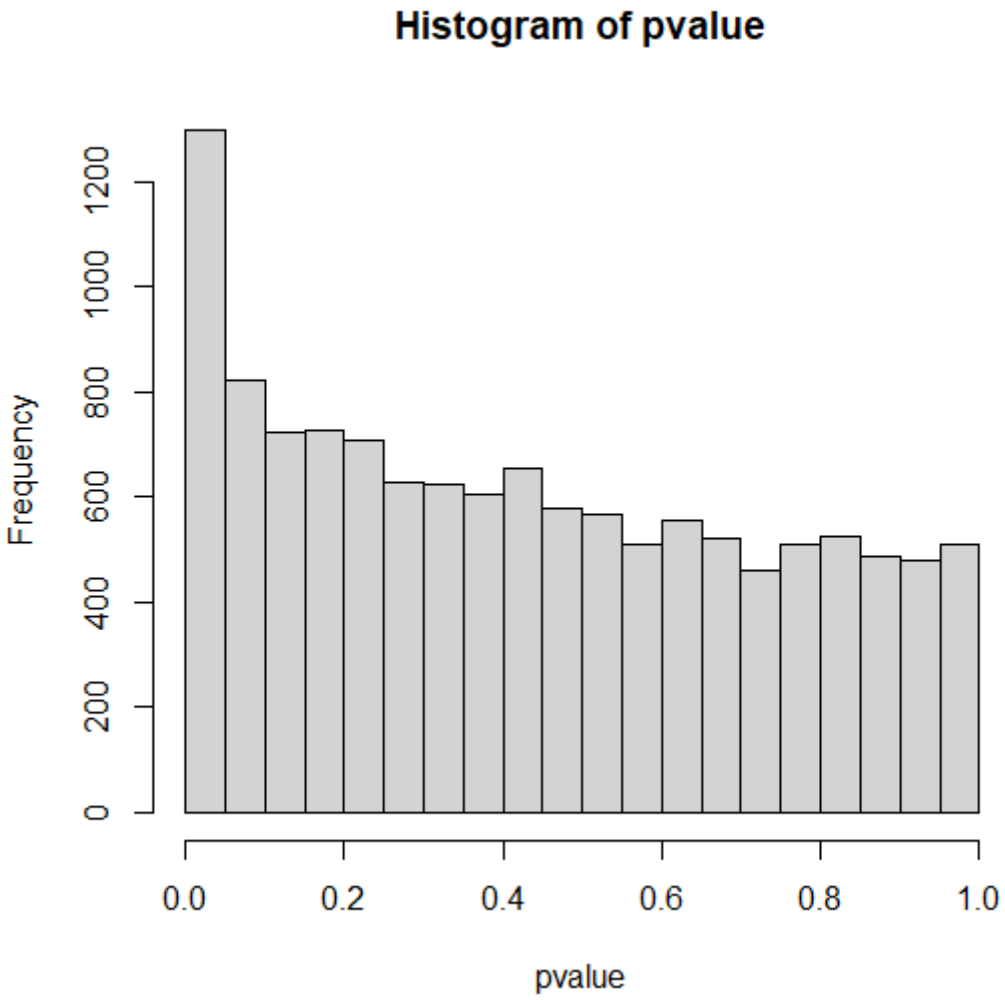

Histogram of data_log
Frequency
0
2000
4000
6000
8000
10000
12000
0
5
10
15
data_log

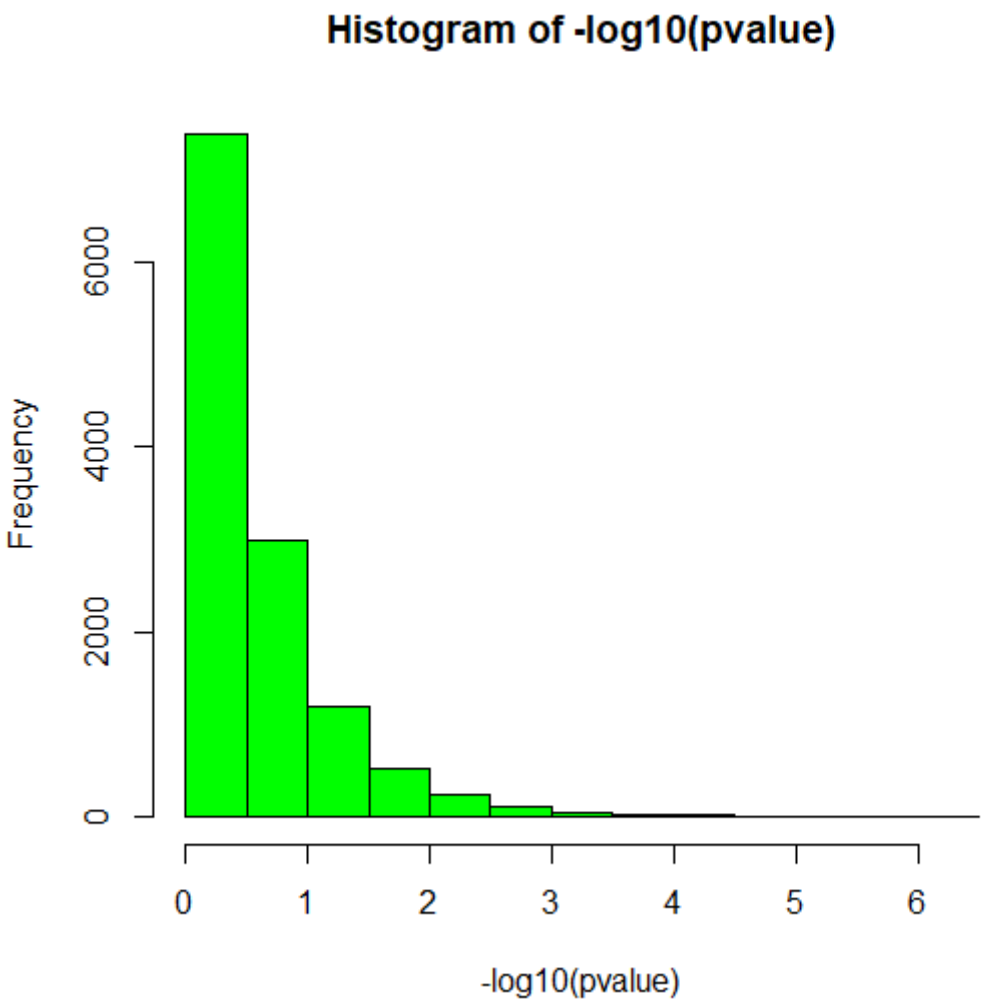

Hierarchical Clustering
Height
0.070
0.075
0.080
0.085
0.090
KO.GSM130368
KO.GSM130369
KO.GSM130370
WT.GSM130366
WT.GSM130365
WT.GSM130367
as.dist(1 - cor(data_log))
hclust (*, "complete")

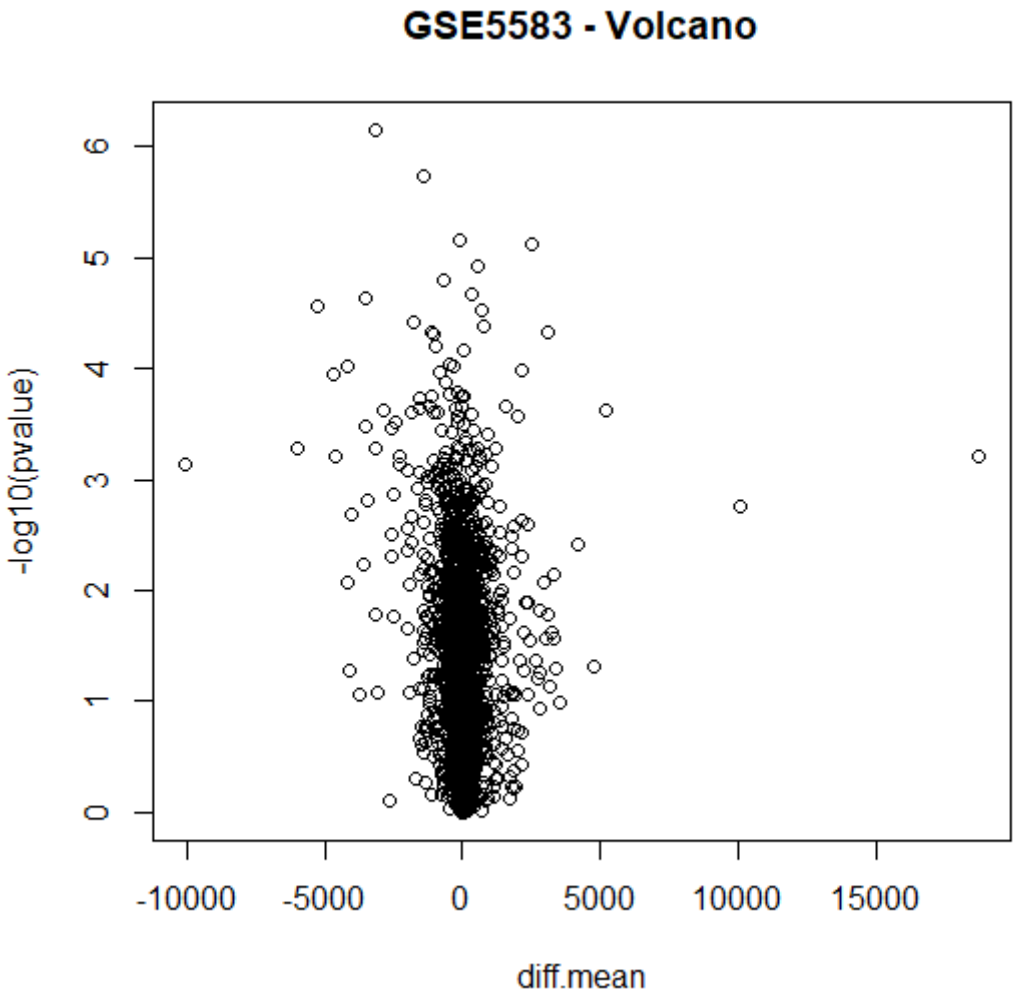

ko.mean
0
10000
20000
30000
0
5000
10000
15000
20000
25000
30000
35000
wt.mean

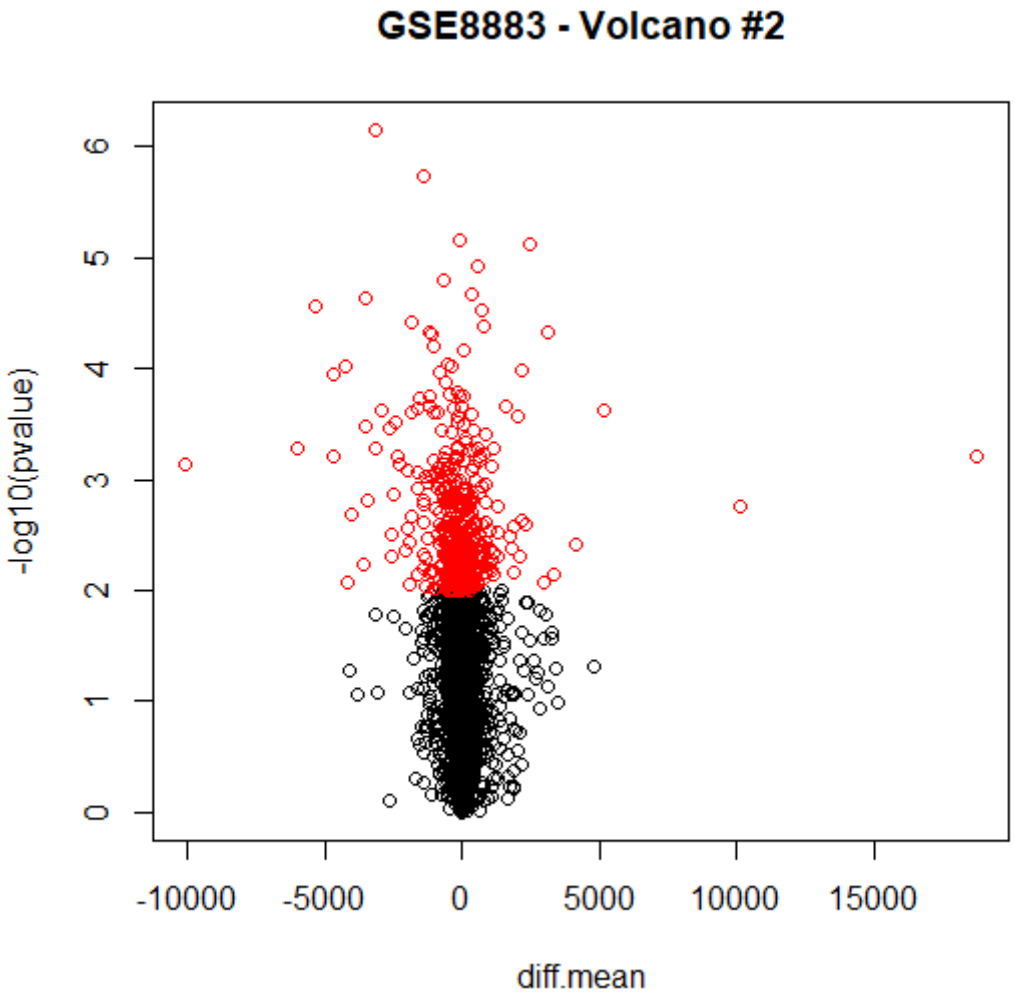

ko.mean
0
10000
20000
30000
0
5000
10000
20000
30000
wt.mean

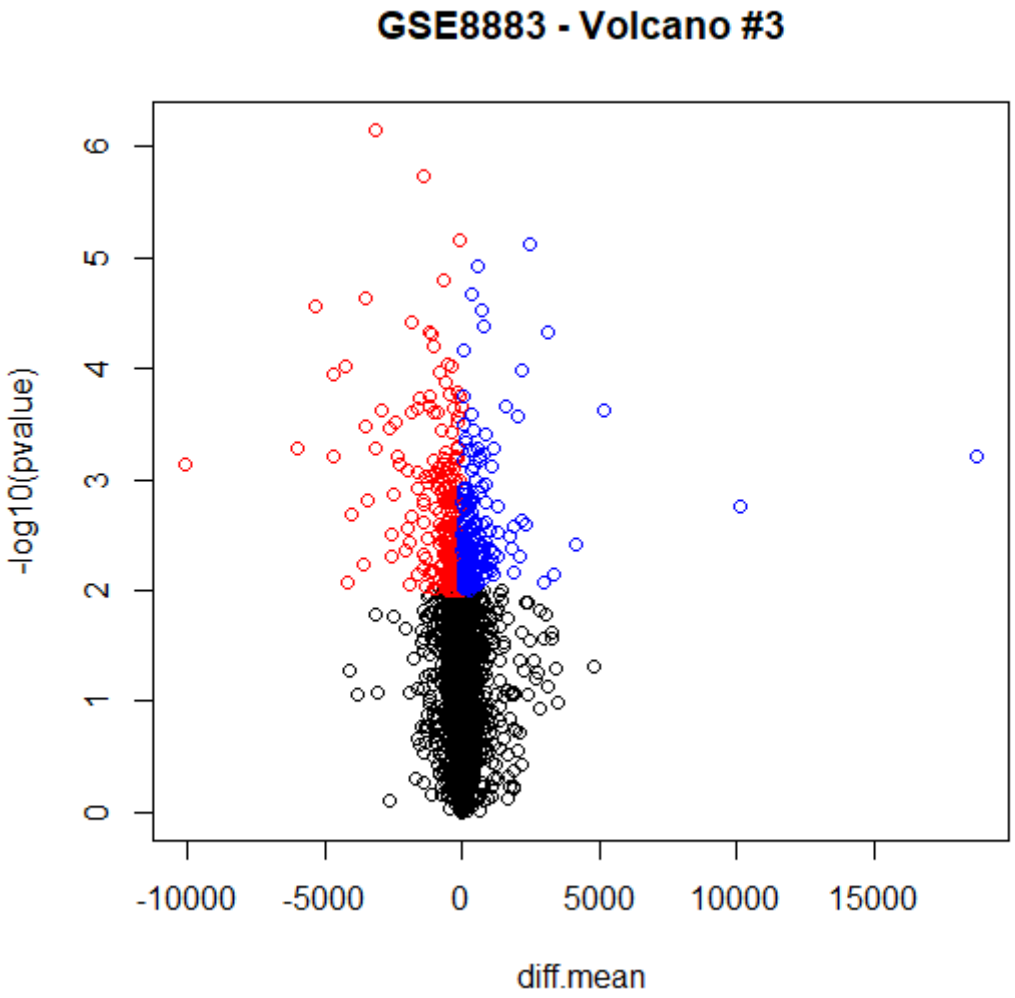

ko.mean
0
10000
20000
30000
0
5000
10000
20000
30000
wt.mean

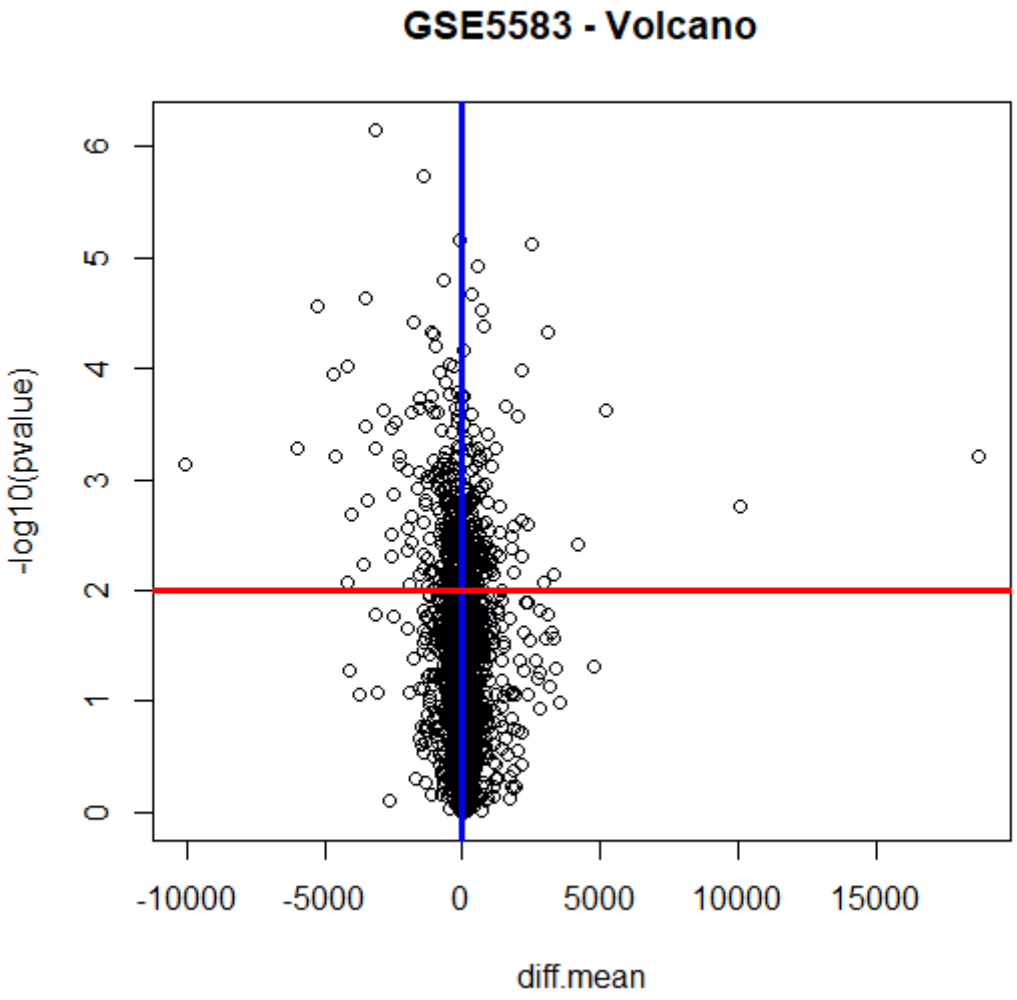

Histogram of pvalue
Frequency
0
200
400
600
800
1000
1200
0.0
0.2
0.4
0.6
0.8
1.0
pvalue

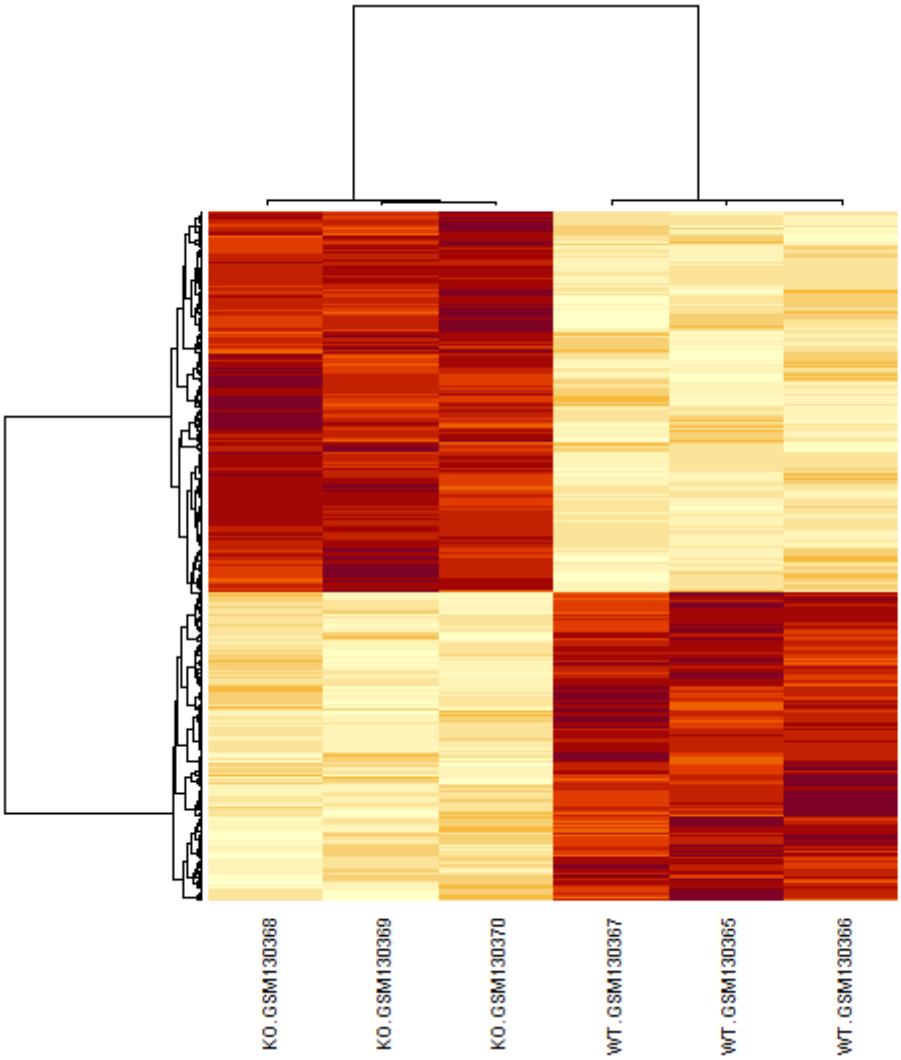

Histogram of -log10(pvalue)
Frequency
0
2000
4000
6000
0
1
2
3
4
5
6
-log10(pvalue)


GSE5583 - Volcano
-log10(pvalue)
0
1
2
3
4
5
6
-10000
-5000
0
5000
10000
15000
diff.mean

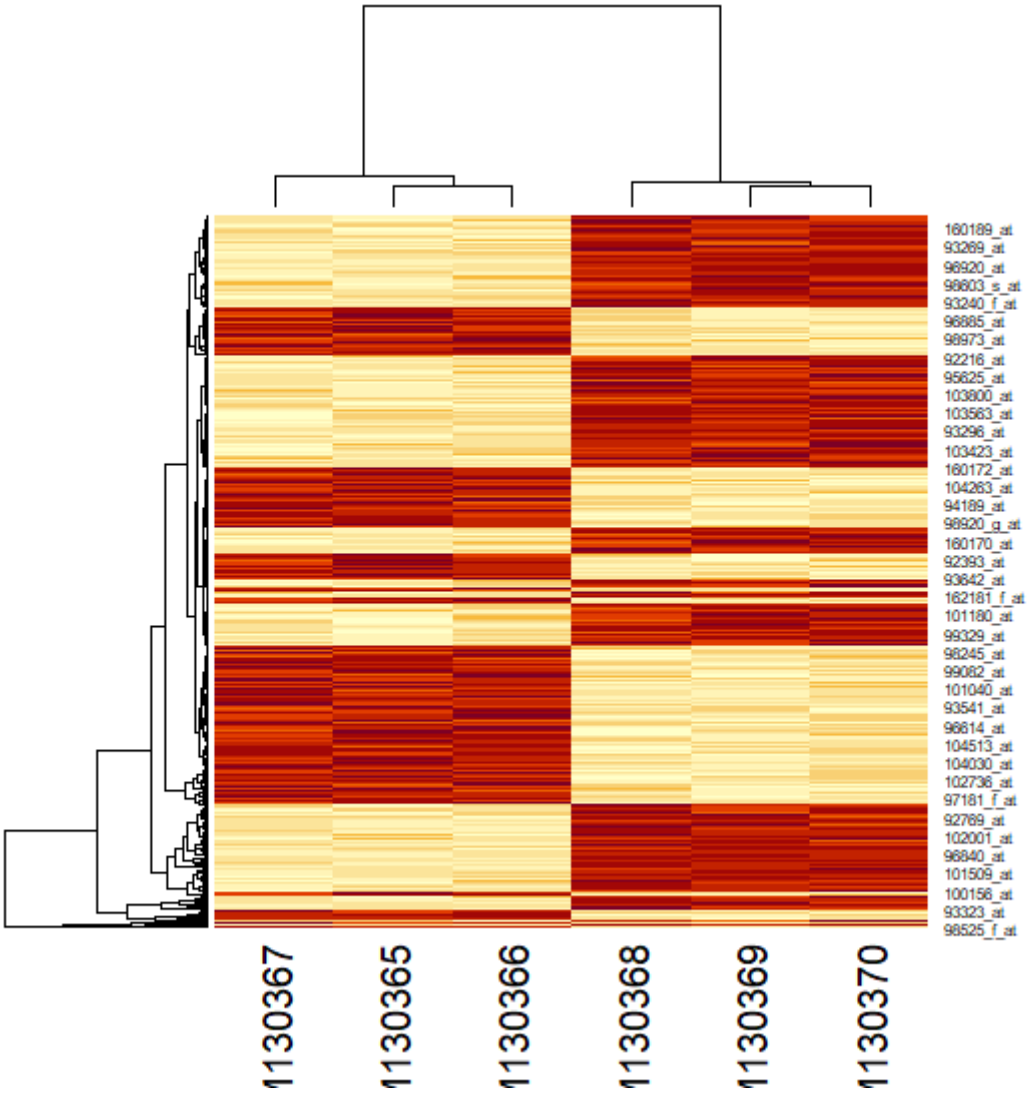

GSE8883 - Volcano #2
-log10(pvalue)
0
1
2
3
4
5
6
-10000
-5000
0
5000
10000
15000
diff.mean


GSE8883 - Volcano #3
-log10(pvalue)
0
1
2
3
4
5
6
-10000
-5000
0
5000
10000
15000
diff.mean

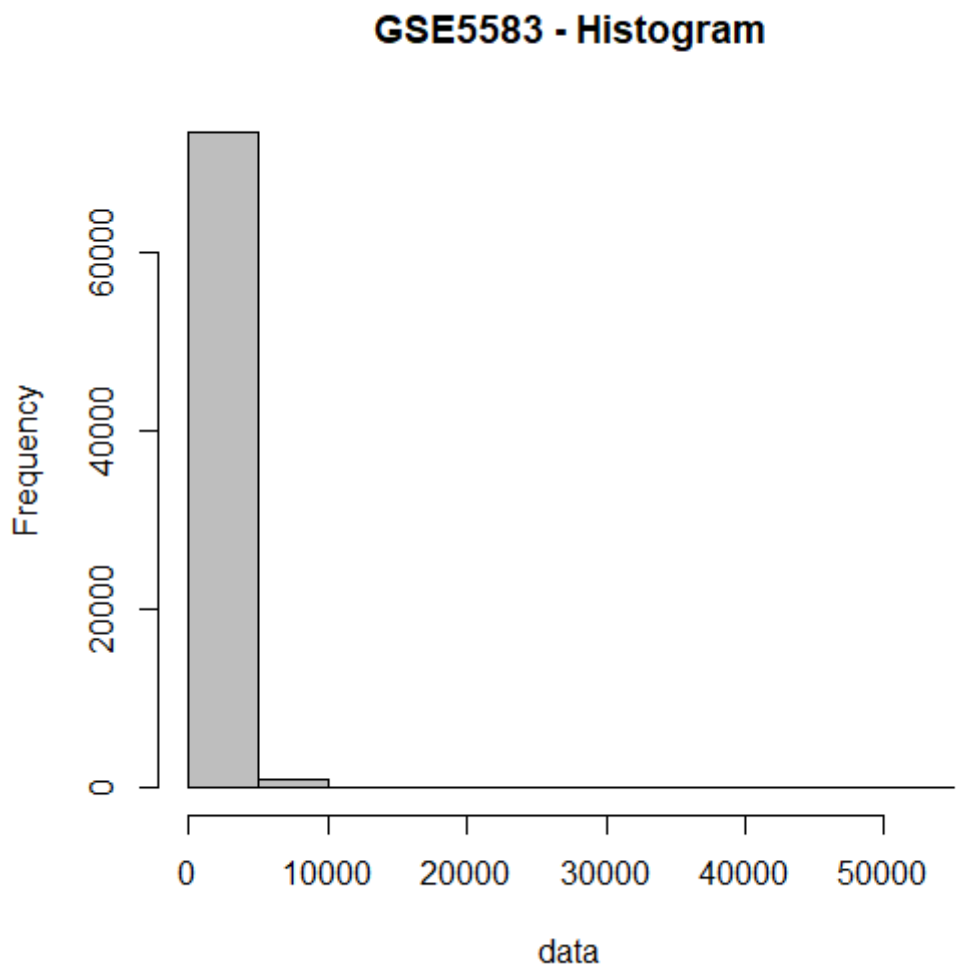

GSE5583 - Volcano
-log10(pvalue)
0
1
2
3
4
5
6
-10000
-5000
0
5000
10000
15000
diff.mean


KO.GSM130368
KO.GSM130369
KO.GSM130370
WT.GSM130367
WT.GSM130365
WT.GSM130366

DENDOGRAM


160189_at
93269_at
96920_at
96803_s_at
93240_f_at
96885_at
96973_at
92216_at
95625_at
103800_at
103563_at
93296_at
103423_at
160172_at
104263_at
94189_at
96920_g_at
160170_at
92393_at
93642_at
162181_f_at
101180_at
99329_at
96245_at
99082_at
101040_at
93541_at
96814_at
104513_at
104030_at
102736_at
97181_f_at
92769_at
102001_at
96840_at
101509_at
100156_at
93323_at
96525_f_at
1130367
1130365
1130366
1130368
1130369
1130370

HEATMAP


GSE5583 - Histogram
Frequency
0
20000
40000
60000
0
10000
20000
30000
40000
50000
data