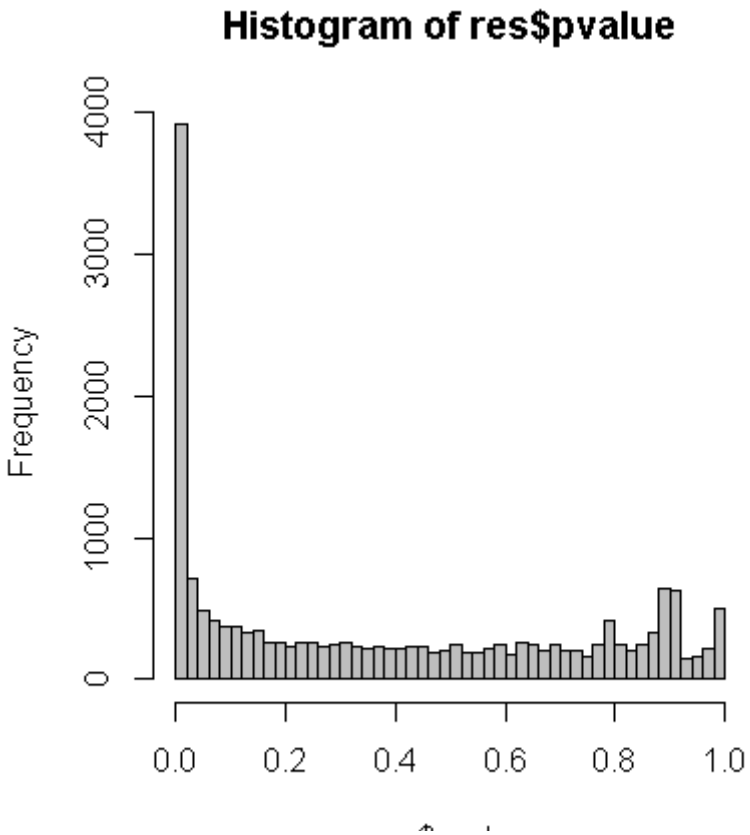
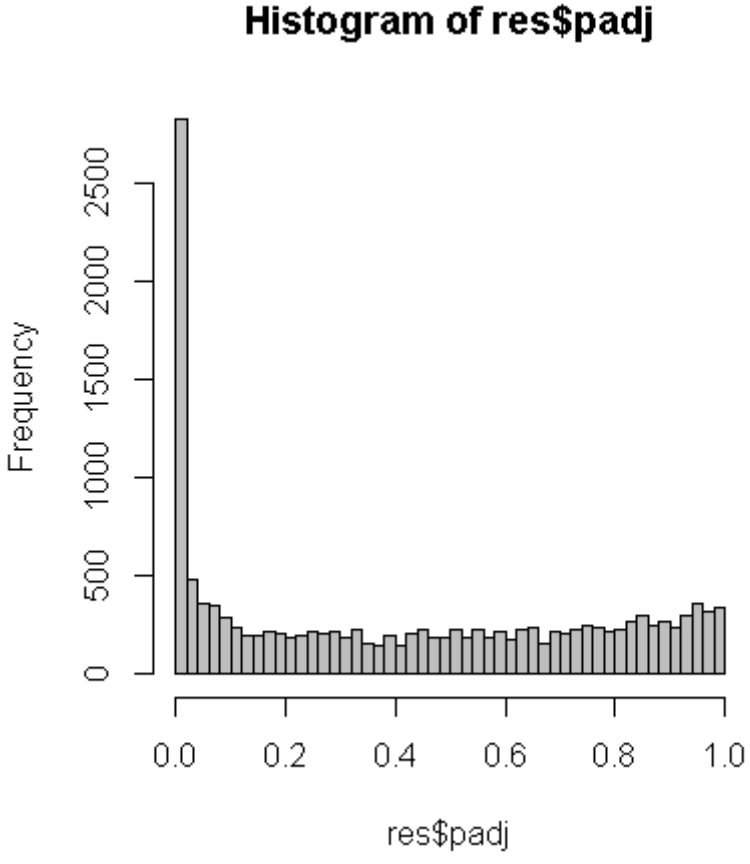
Histogram

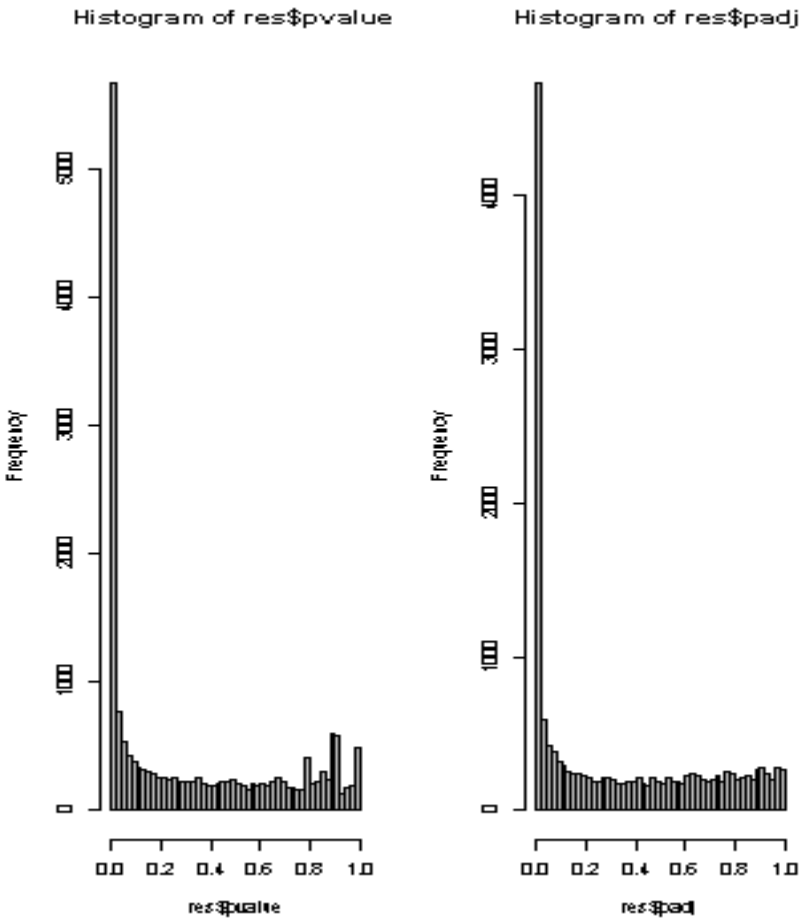
2.5 M

(p-adjusted)

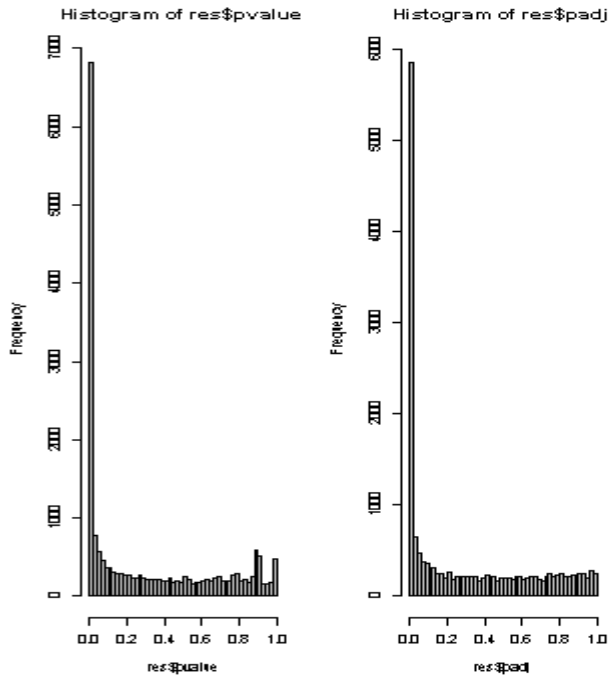




10 M

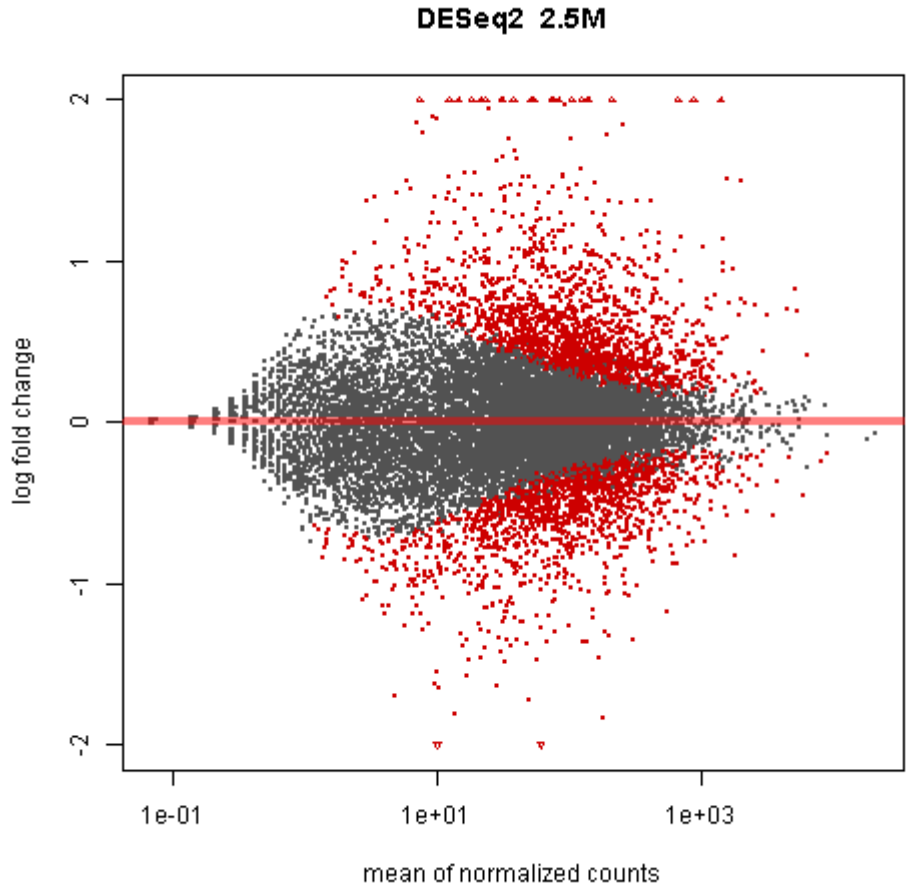

Histogram of res$pvalue
Frequency
0
1000
2000
3000
4000
5000
0.0
0.2
0.4
0.6
0.8
1.0
res$pvalue
Histogram of res$padj
Frequency
0
1000
2000
3000
4000
0.0
0.2
0.4
0.6
0.8
1.0
res$padj

30 M

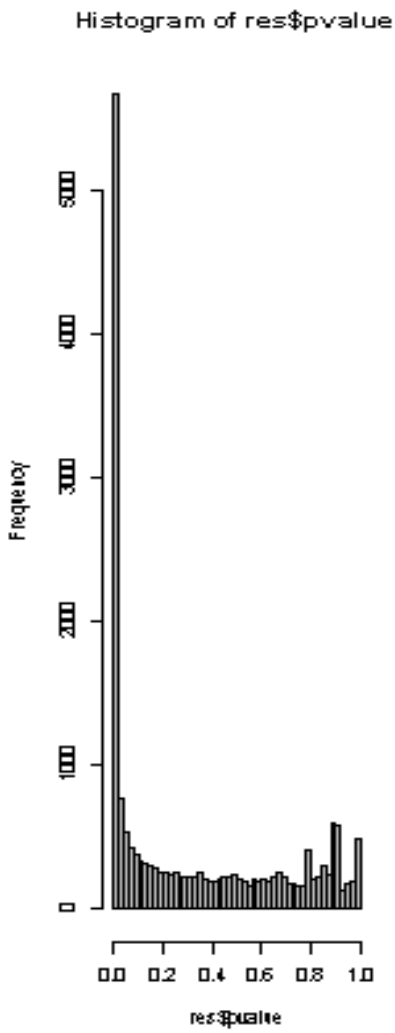

Histogram of res$pvalue
Frequency
0
1000
2000
3000
4000
5000
6000
7000
0.0
0.2
0.4
0.6
0.8
1.0
res$pvalue
Histogram of res$padj
Frequency
0
1000
2000
3000
4000
5000
6000
0.0
0.2
0.4
0.6
0.8
1.0
res$padj

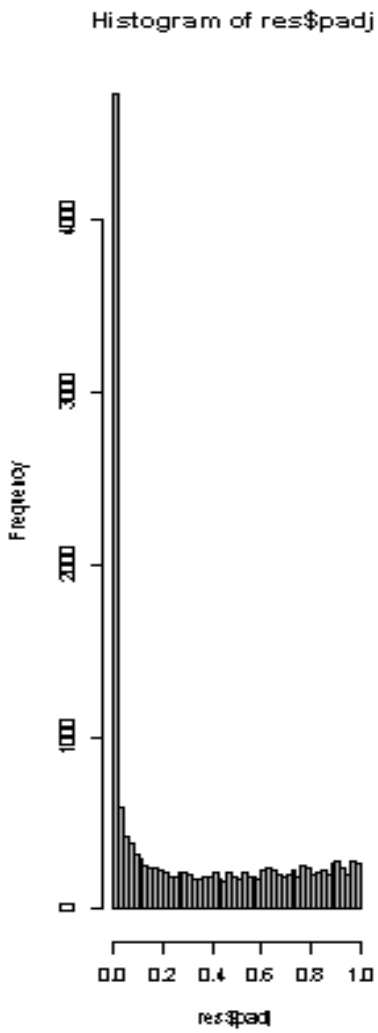
MA Plot

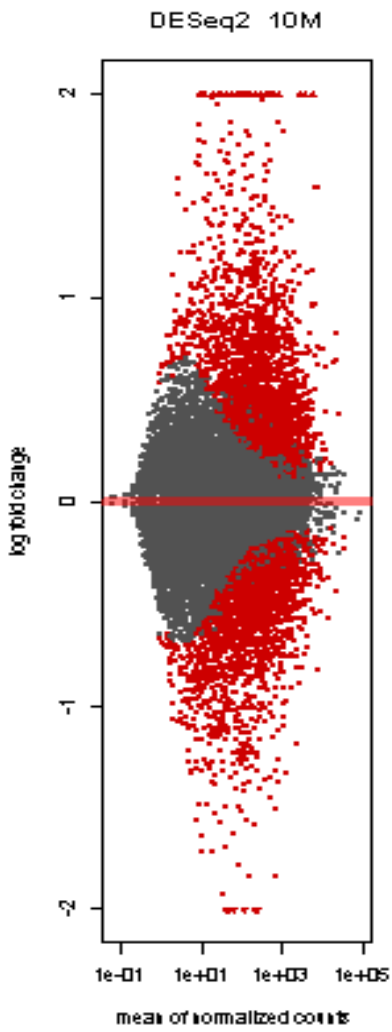
2.5 M

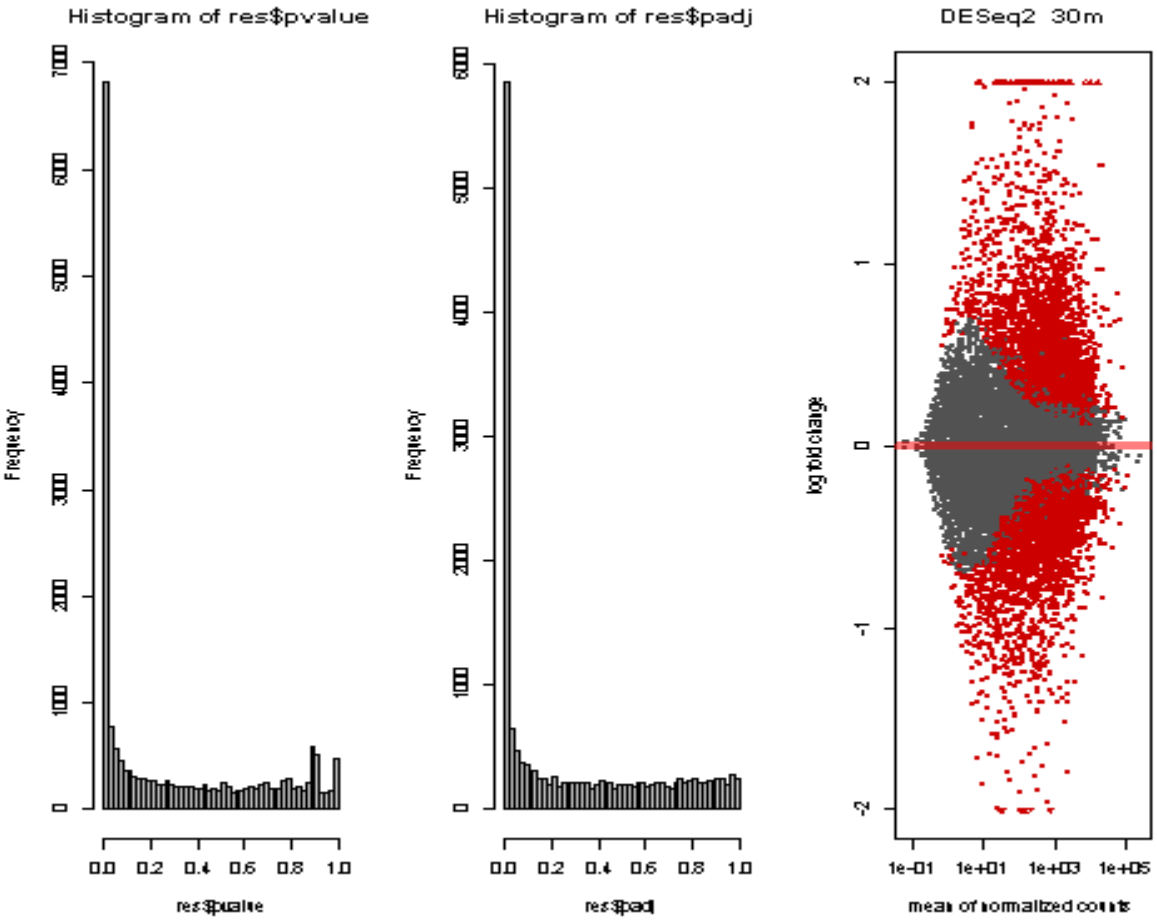

DESeq2 2.5M
log fold change
2
1
0
-1
-2
1e-01
1e+01
1e+03
mean of normalized counts

10 M


Histogram of res$pvalue
Frequency
0
1000
2000
3000
4000
5000
0.0
0.2
0.4
0.6
0.8
1.0
res$pvalue


Histogram of res$padj
Frequency
0
1000
2000
3000
4000
0.0
0.2
0.4
0.6
0.8
1.0
res$padj

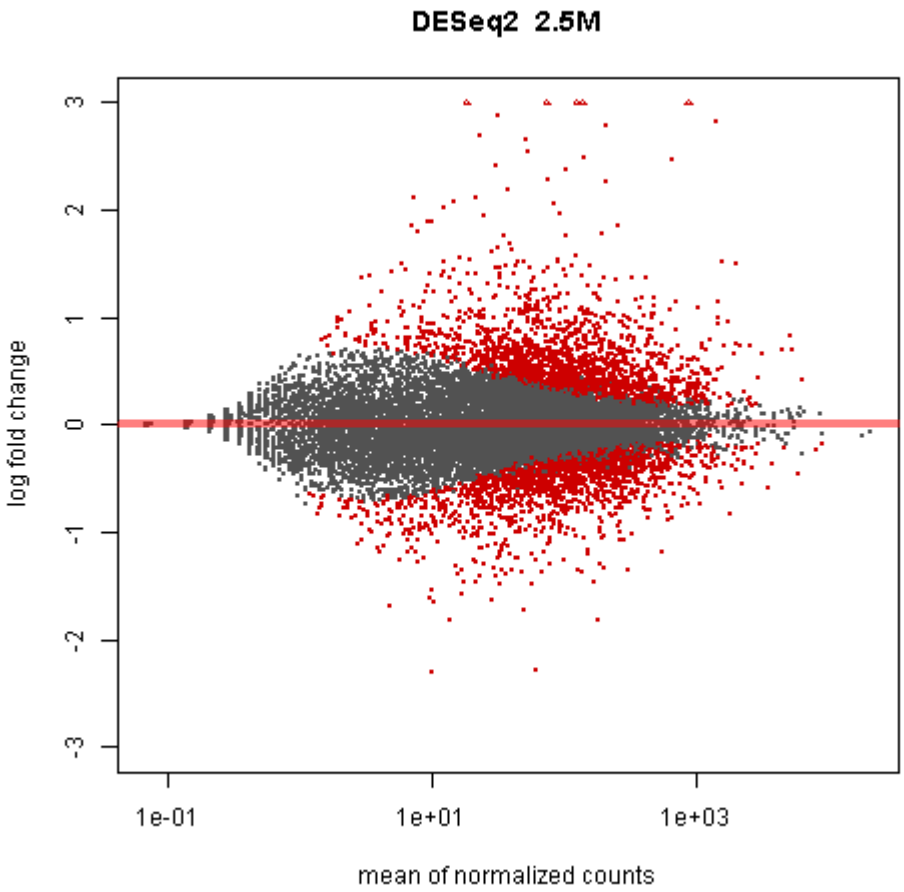

DESeq2 10M
log fold change
-2
-1
0
1
2
1e-01
1e+01
1e+03
1e+05
mean of normalized counts


Histogram of res$pvalue
Frequency
res$pvalue
Histogram of res$padj
Frequency
res$padj
DESeq2 30m
log fold change
mean of normalized counts

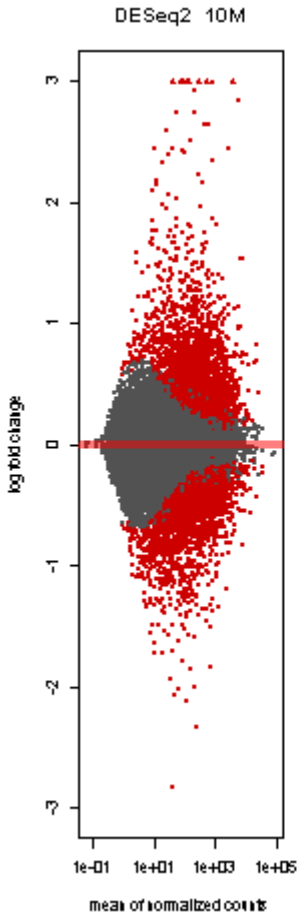
30 M

MvA Plot

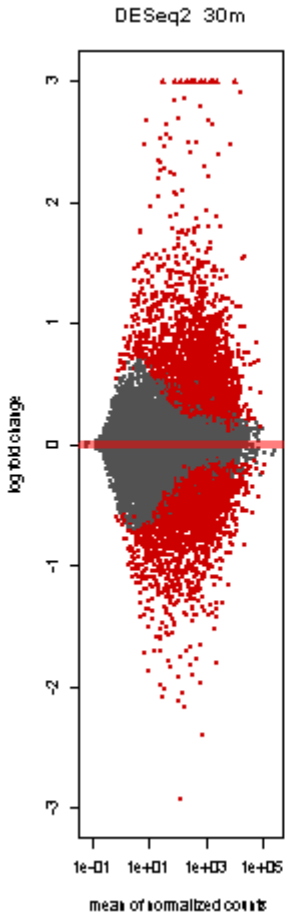
2.5 M


DESeq2 2.5M
log fold change
3
2
1
0
-1
-2
-3
1e-01
1e+01
1e+03
mean of normalized counts

10 M

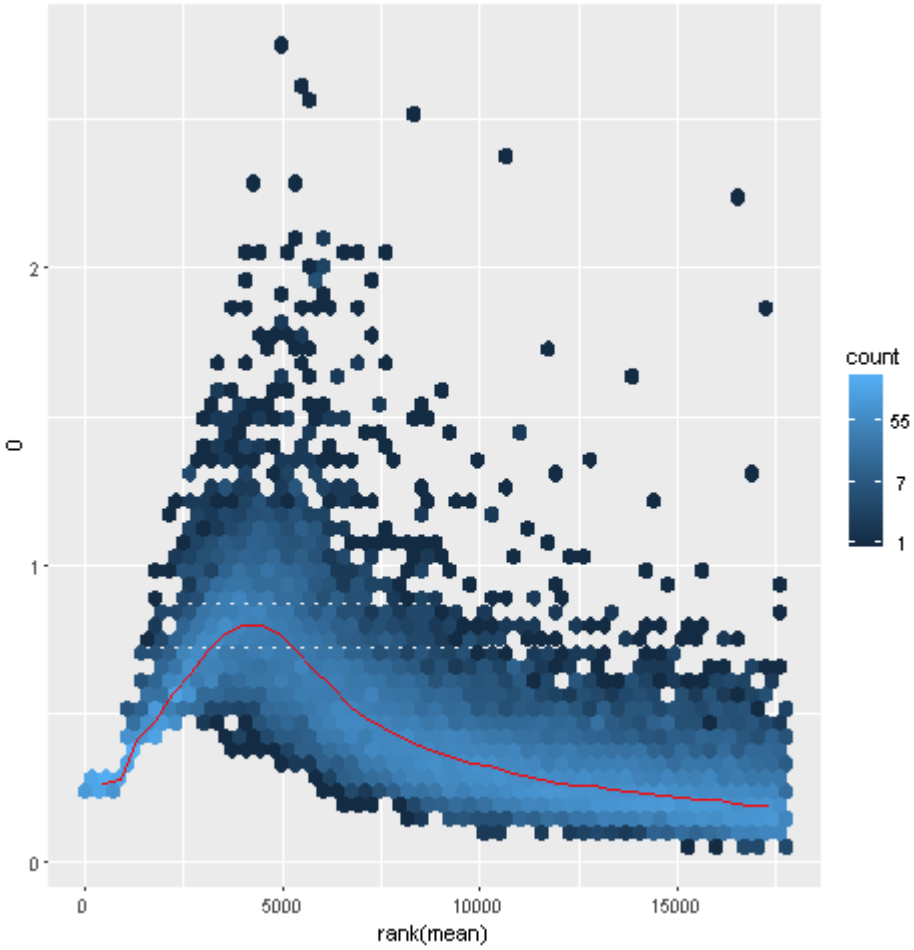

DESeq2 10M
log fold change
3
2
1
0
-1
-2
-3
1e-01
1e+01
1e+03
1e+05
mean of normalized counts

30 M

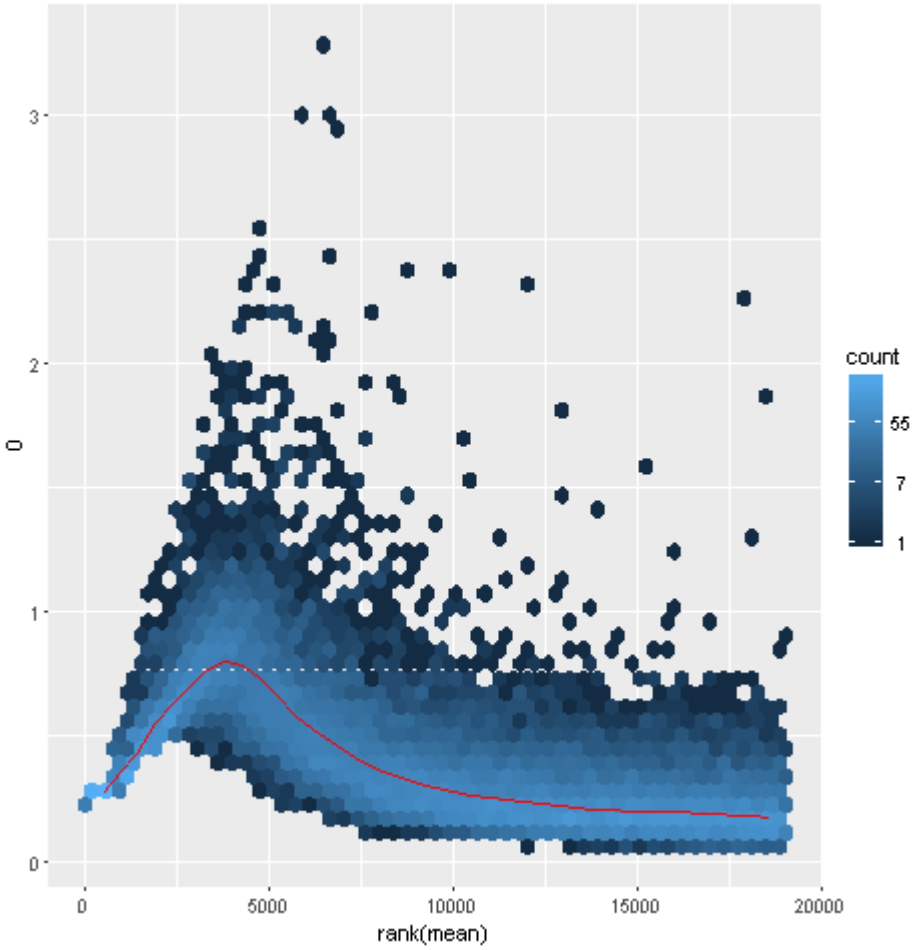

DESeq2 30m
log fold change
3
2
1
0
-1
-2
-3
1e-01
1e+01
1e+03
1e+05
mean of normalized counts

Heatmap 1

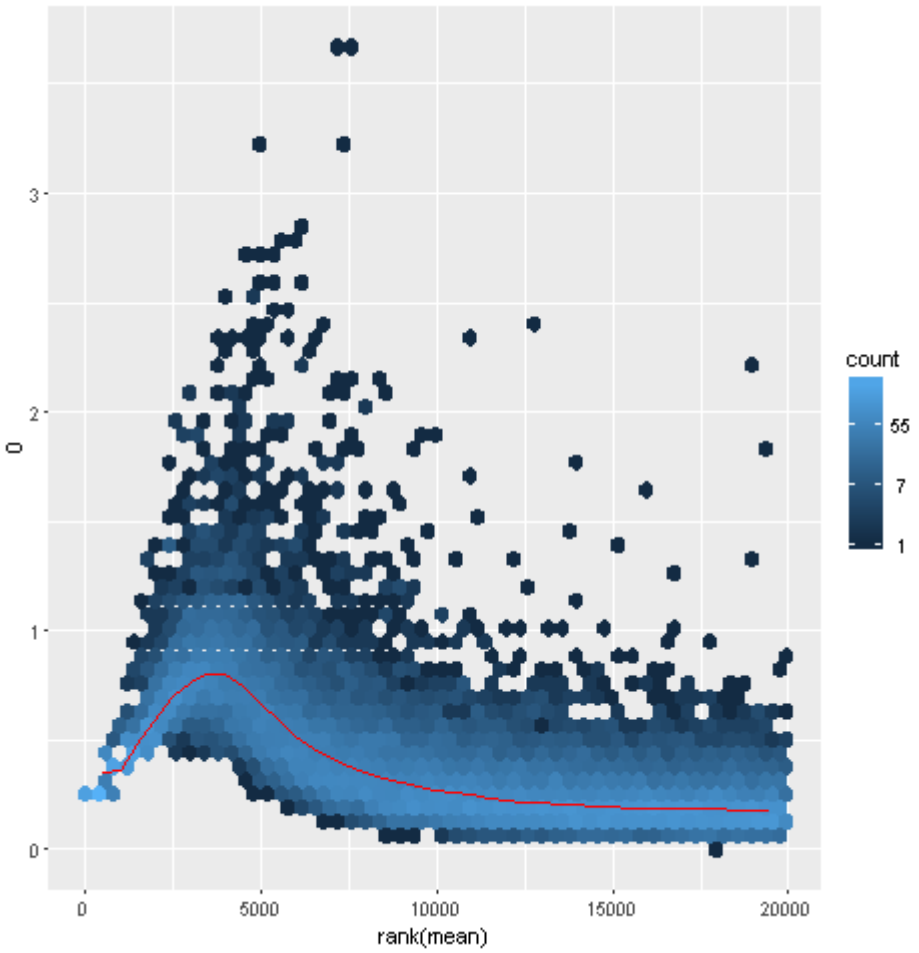
2.5 M



10 M

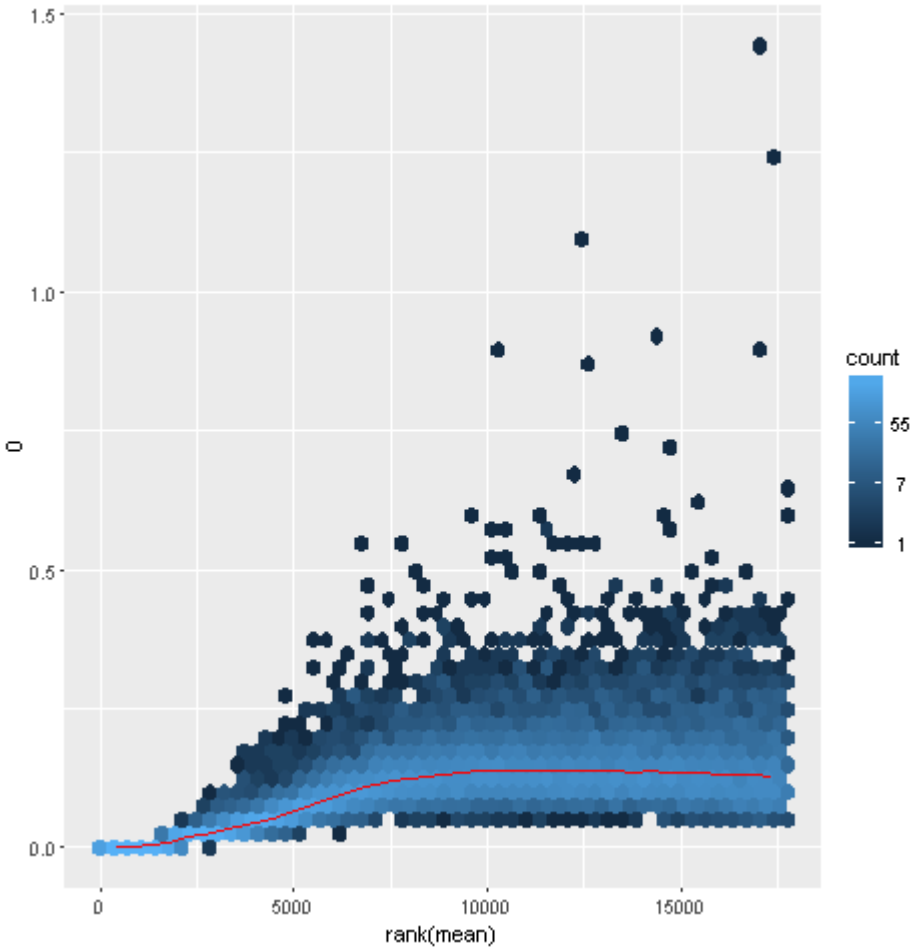


30 M

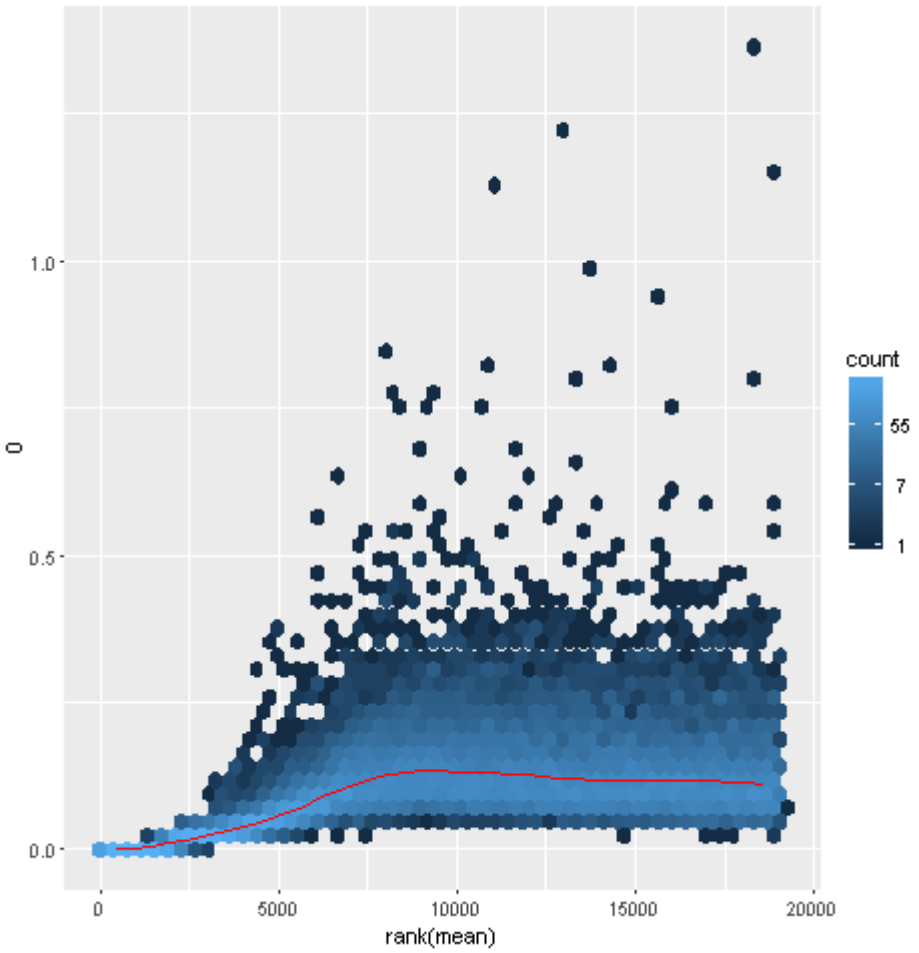

count
55
7
1
0
1
2
3
0
5000
10000
15000
20000
rank(mean)

Heatmap 2

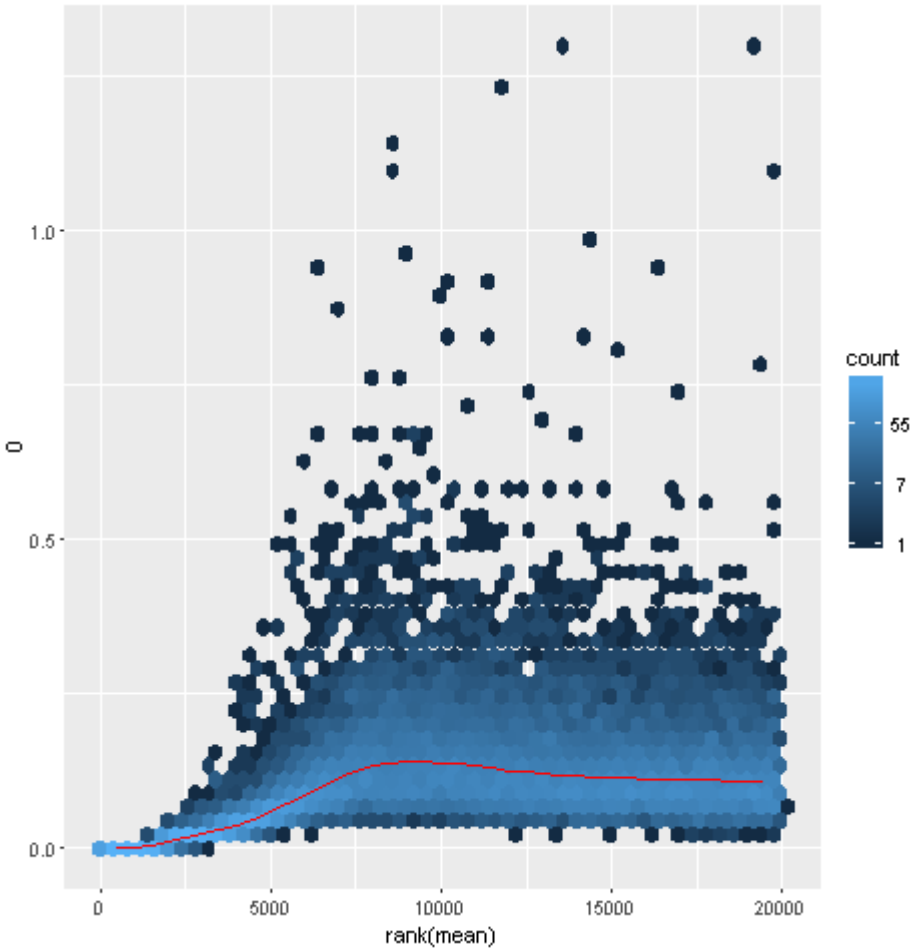
2.5 M



10 M

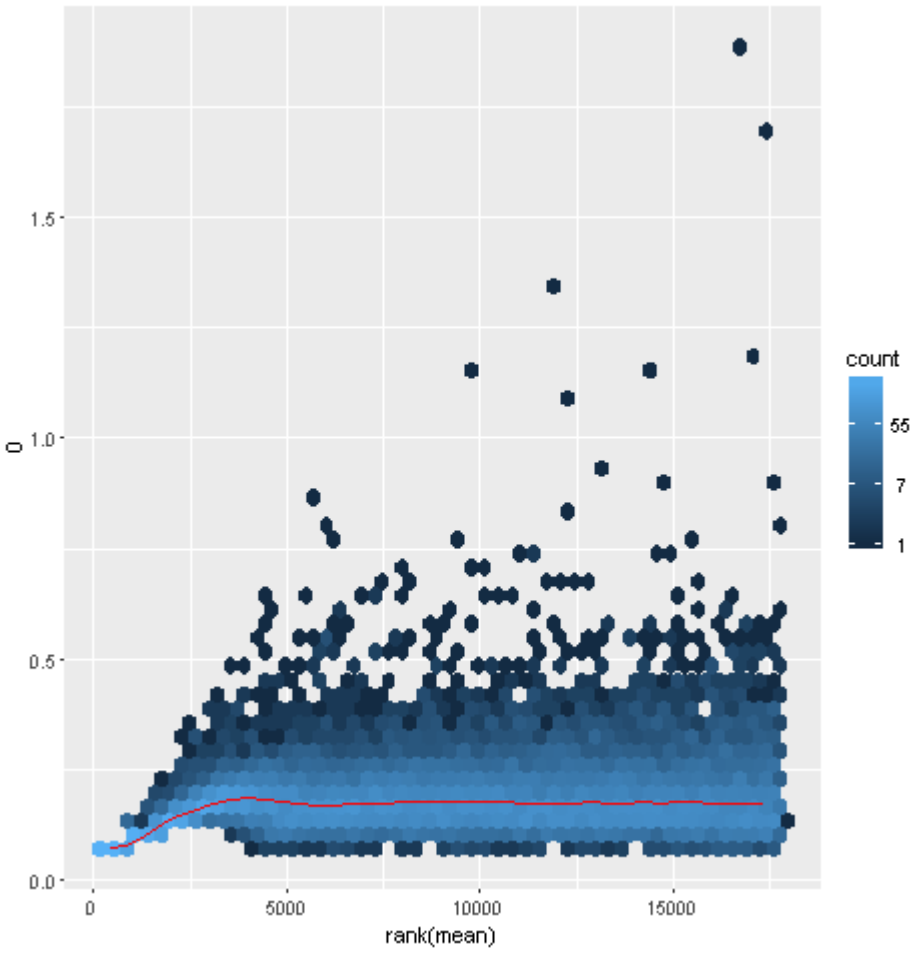

1.0
0.5
0.0
0
0
5000
10000
15000
20000
rank(mean)
count
55
7
1

30 M

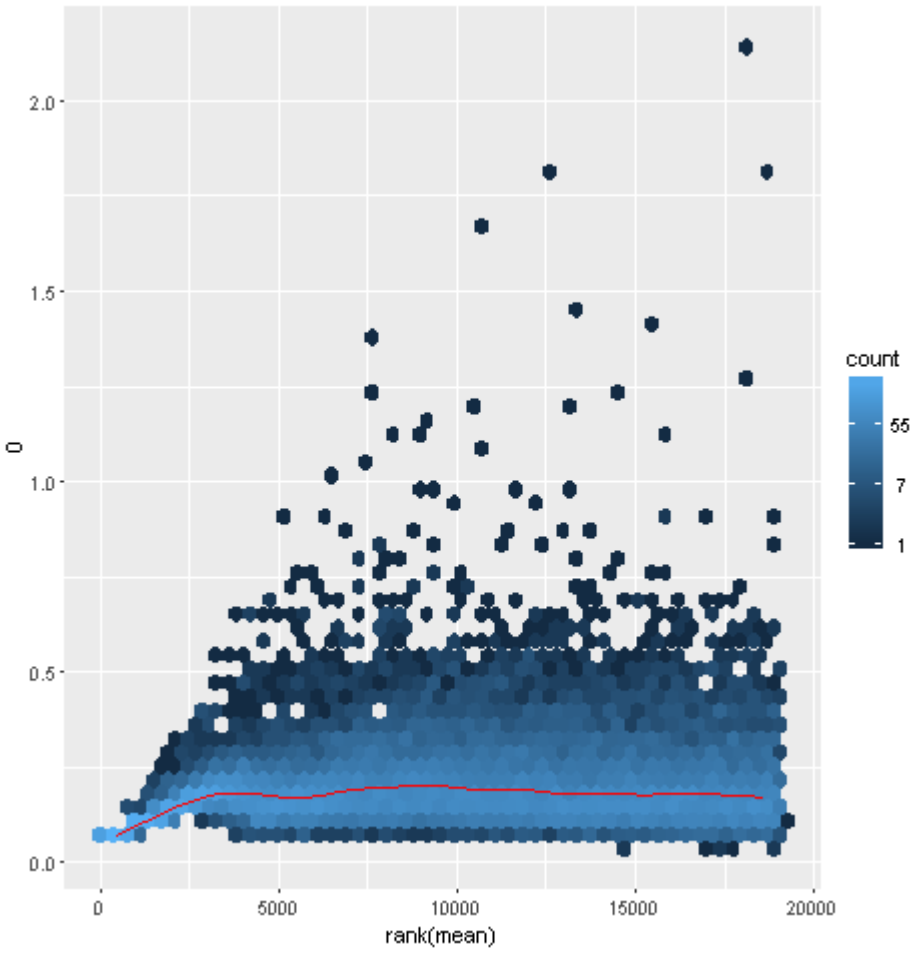


Heatmap 3

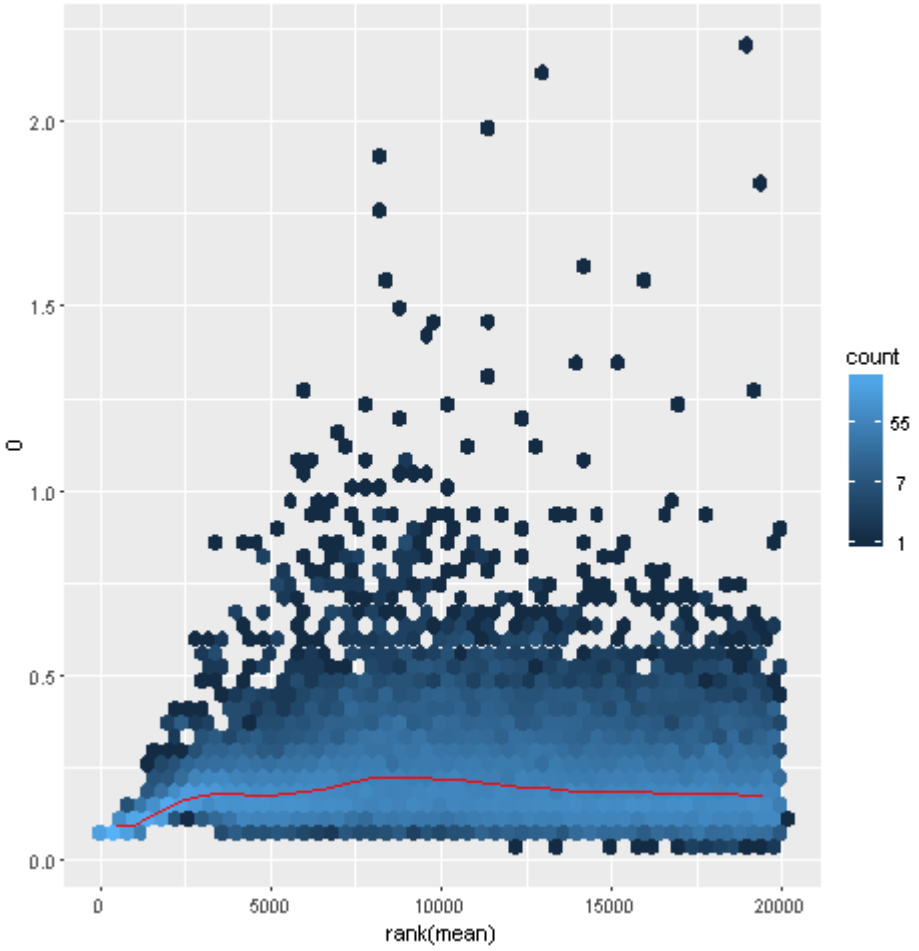
2.5 M



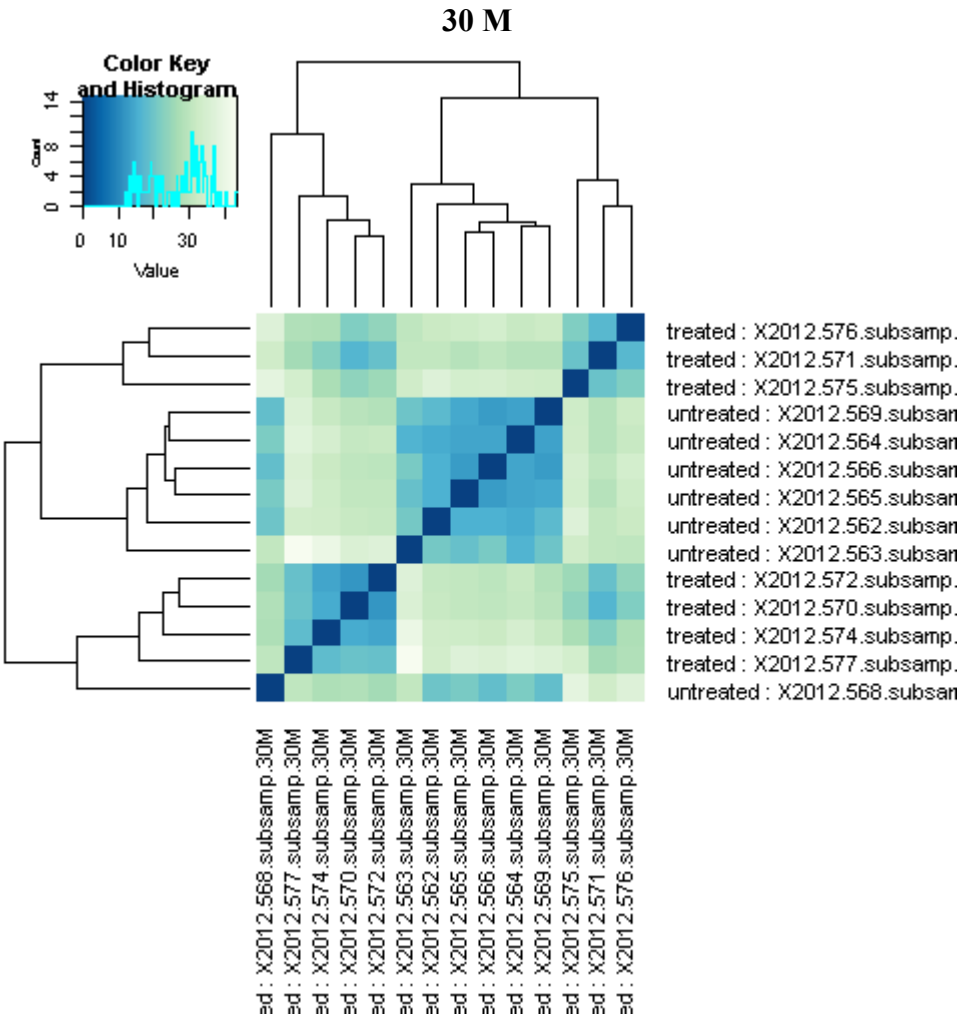
10 M



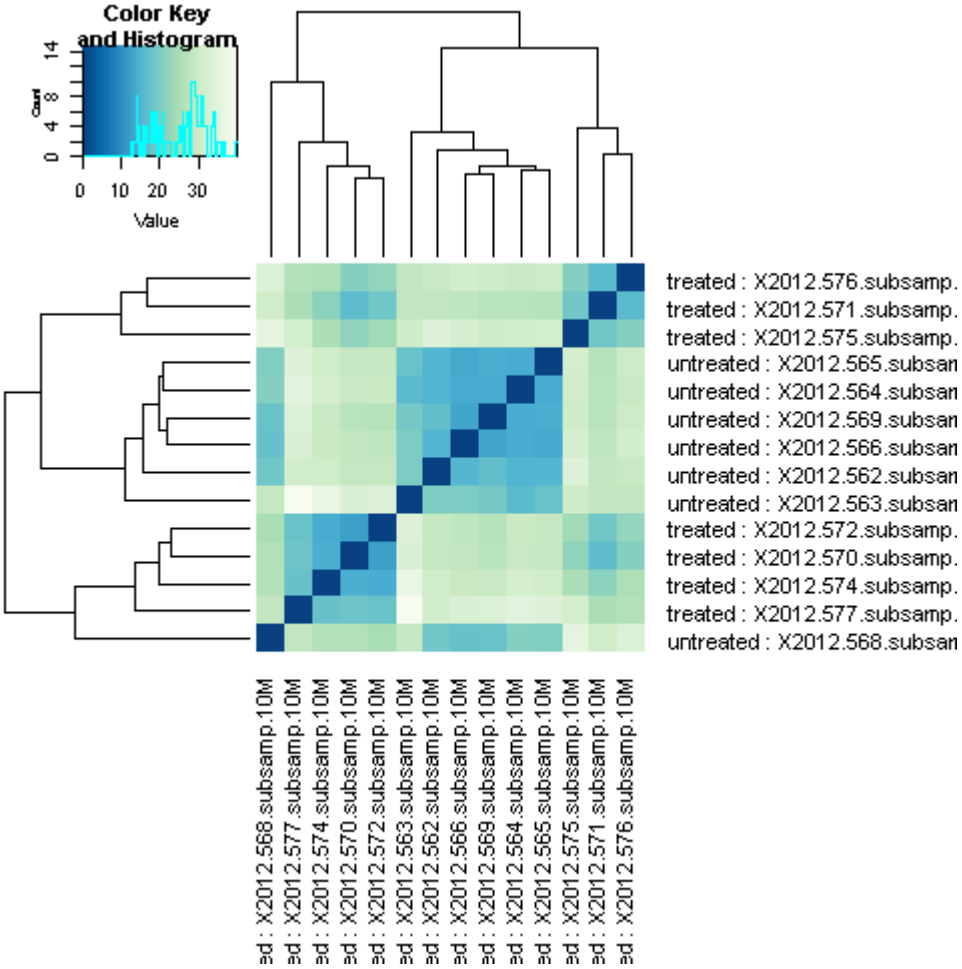
30 M



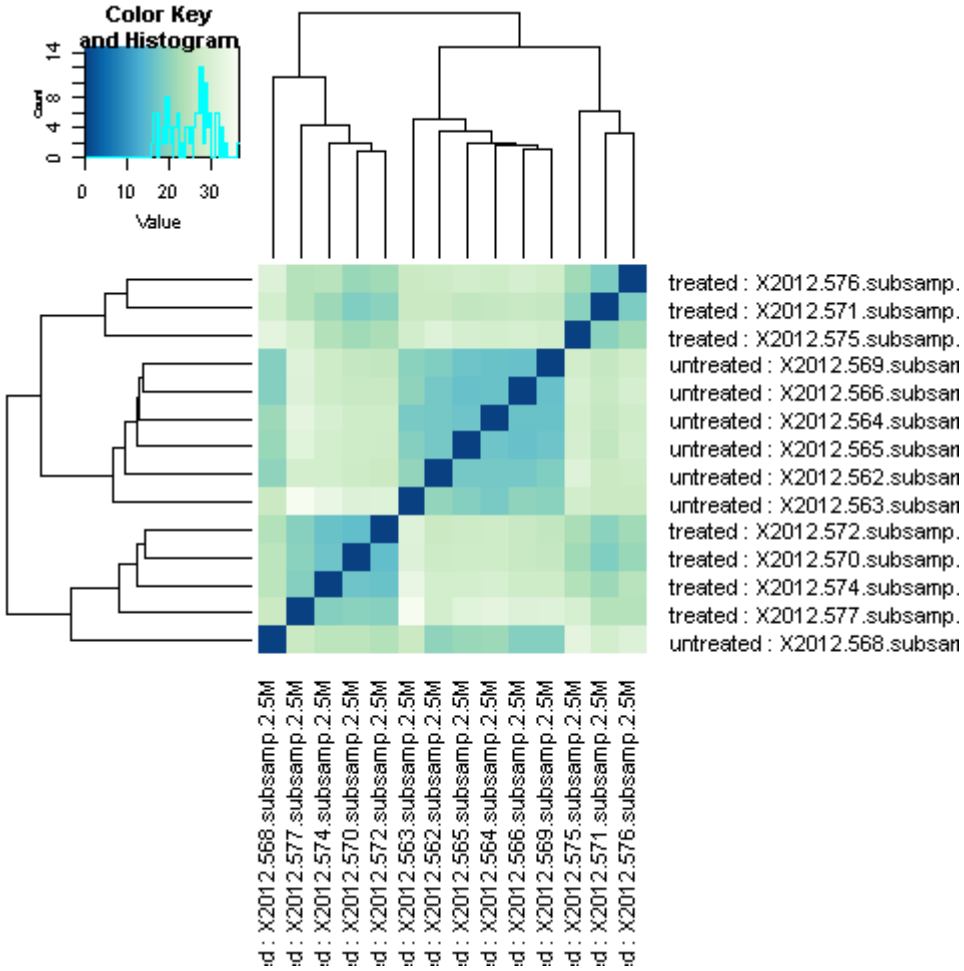
Sample By Sample Heatmap



10 M


Color Key
and Histogram
Count
0
4
8
14
0
10
20
30
Value
treated : X2012.576.subsamp.
treated : X2012.571.subsamp.
treated : X2012.575.subsamp.
untreated : X2012.565.subsam
untreated : X2012.564.subsam
untreated : X2012.569.subsam
untreated : X2012.566.subsam
untreated : X2012.562.subsam
untreated : X2012.563.subsam
treated : X2012.572.subsamp.
treated : X2012.570.subsamp.
treated : X2012.574.subsamp.
treated : X2012.577.subsamp.
untreated : X2012.568.subsam
ed : X2012.568.subsamp.10M
ed : X2012.577.subsamp.10M
ed : X2012.574.subsamp.10M
ed : X2012.570.subsamp.10M
ed : X2012.572.subsamp.10M
ed : X2012.563.subsamp.10M
ed : X2012.562.subsamp.10M
ed : X2012.566.subsamp.10M
ed : X2012.569.subsamp.10M
ed : X2012.564.subsamp.10M
ed : X2012.565.subsamp.10M
ed : X2012.575.subsamp.10M
ed : X2012.571.subsamp.10M
ed : X2012.576.subsamp.10M

2.5 M


Color Key
and Histogram
Count
0
4
8
14
0
10
20
30
Value
treated : X2012.576.subsamp.
treated : X2012.571.subsamp.
treated : X2012.575.subsamp.
untreated : X2012.569.subsan
untreated : X2012.566.subsan
untreated : X2012.564.subsan
untreated : X2012.565.subsan
untreated : X2012.562.subsan
untreated : X2012.563.subsan
treated : X2012.572.subsamp.
treated : X2012.570.subsamp.
treated : X2012.574.subsamp.
treated : X2012.577.subsamp.
untreated : X2012.568.subsan
d : X2012.568.subsamp.2.5M
d : X2012.577.subsamp.2.5M
d : X2012.574.subsamp.2.5M
d : X2012.570.subsamp.2.5M
d : X2012.572.subsamp.2.5M
d : X2012.563.subsamp.2.5M
d : X2012.562.subsamp.2.5M
d : X2012.565.subsamp.2.5M
d : X2012.564.subsamp.2.5M
d : X2012.566.subsamp.2.5M
d : X2012.569.subsamp.2.5M
d : X2012.575.subsamp.2.5M
d : X2012.571.subsamp.2.5M
d : X2012.576.subsamp.2.5M