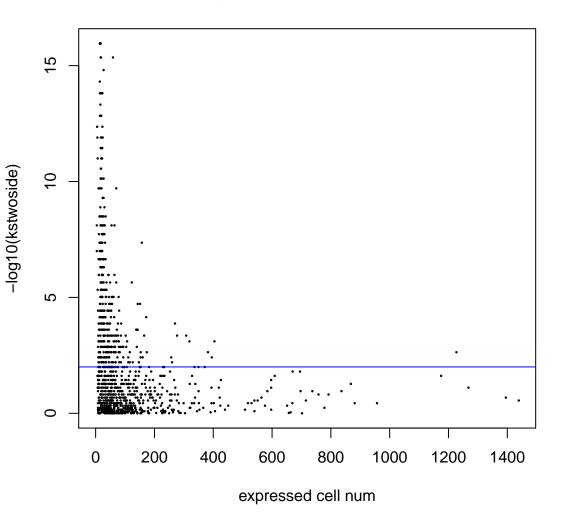
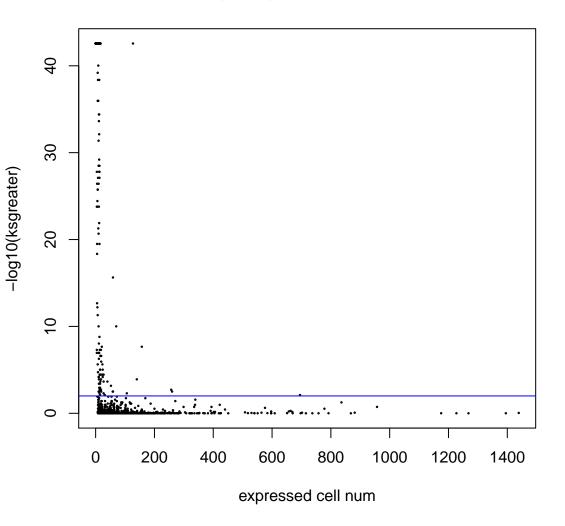
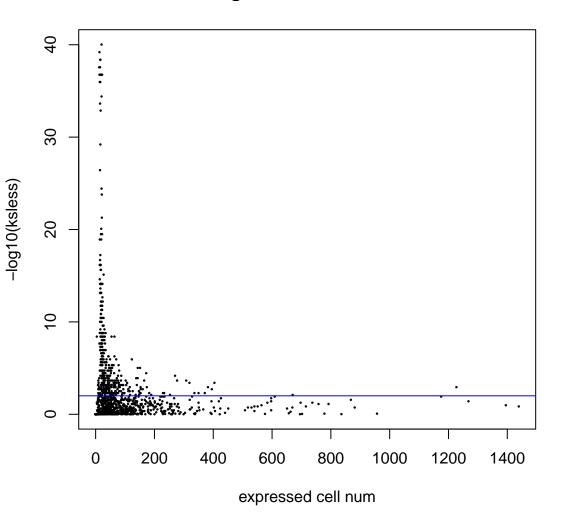
sig\_KStwoside: 78.267%



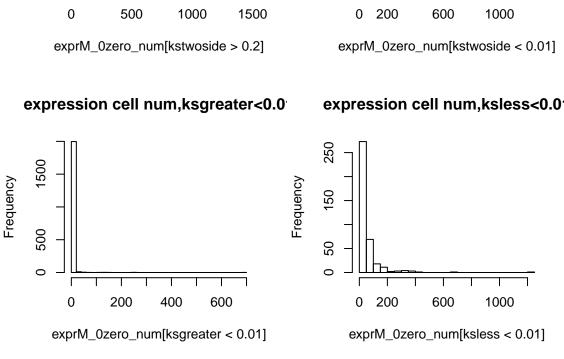
sig\_KSgreater: 67.333%



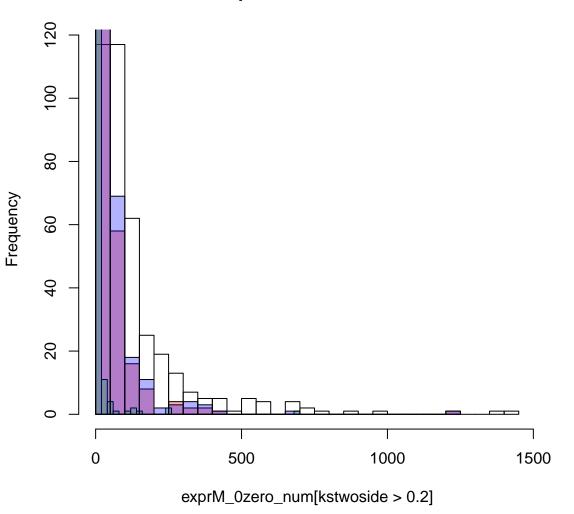
**sig\_KSless: 12.867%** 



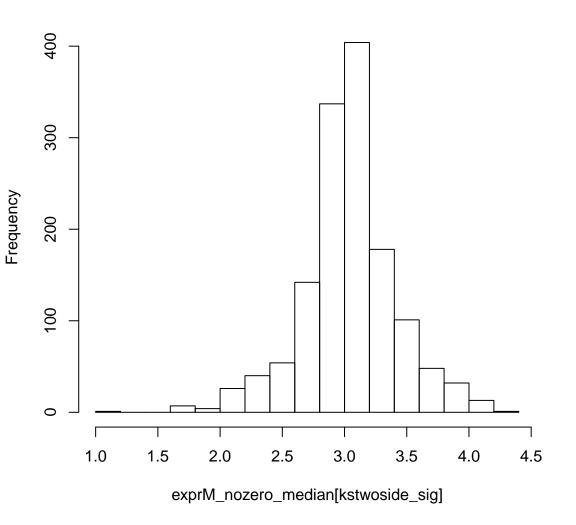
expression cell num,kstwoside>0.2 expression cell num,kstwoside<0.0 Frequency Frequency exprM\_0zero\_num[kstwoside > 0.2] exprM\_0zero\_num[kstwoside < 0.01] expression cell num,ksgreater<0.0 expression cell num,ksless<0.01 



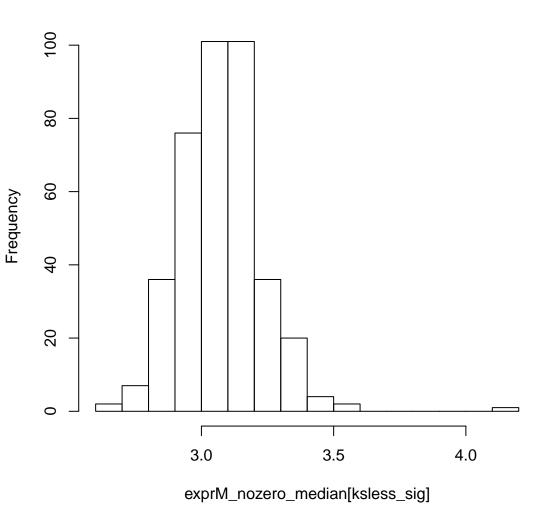
#### expression cell num



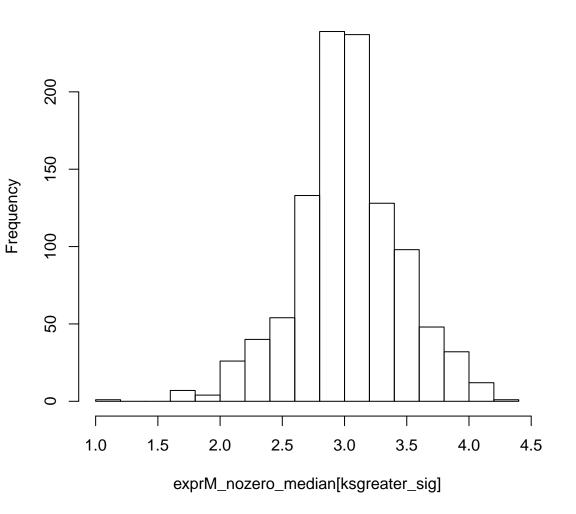
#### median of nozero log-expres of genes, kstwoside sig



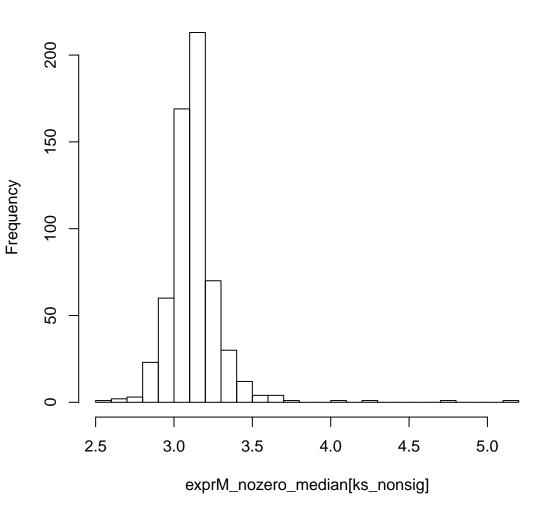
#### median of nozero log-expres of genes, ksless sig



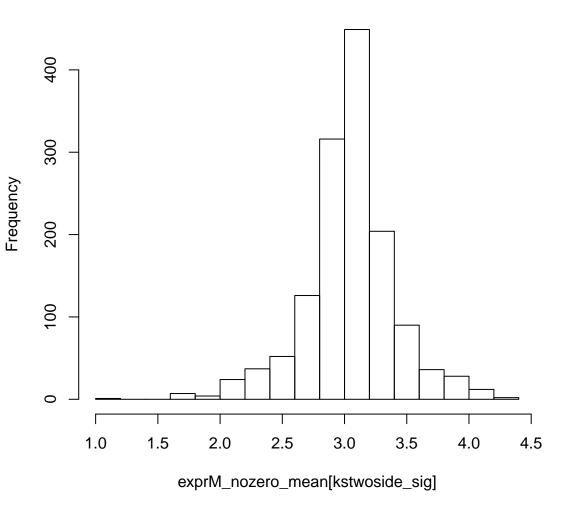
#### median of nozero log-expres of genes,ksgreater sig



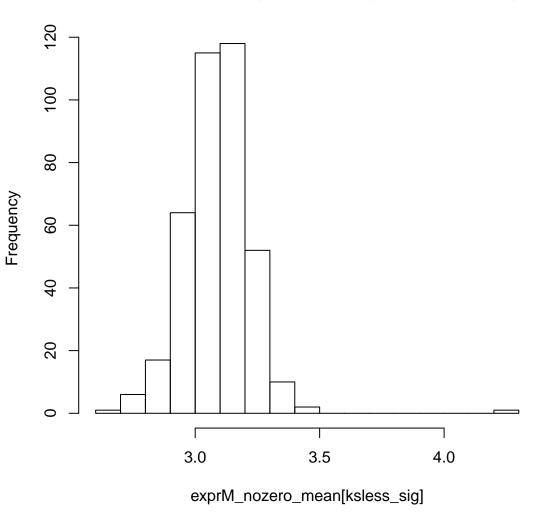
# median of nozero log-expres of genes,ks no sig



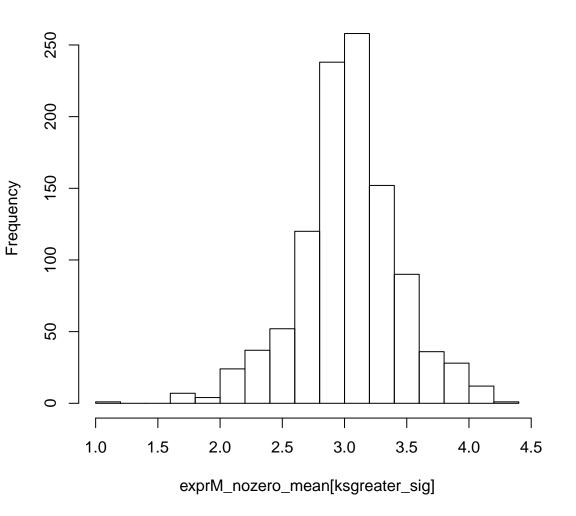
#### mean of nozero log-expres of genes, kstwoside sig



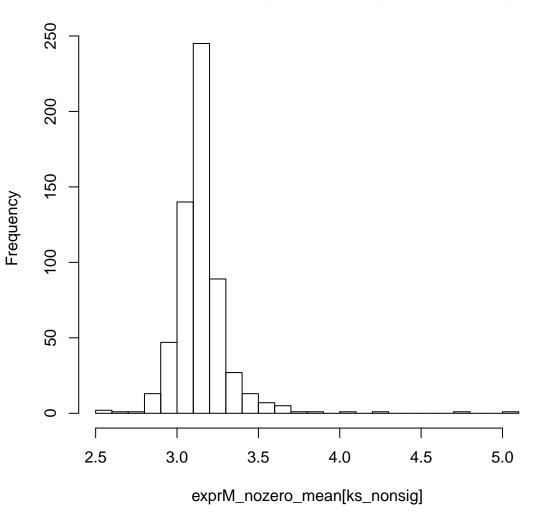
#### mean of nozero log-expres of genes, ksless sig



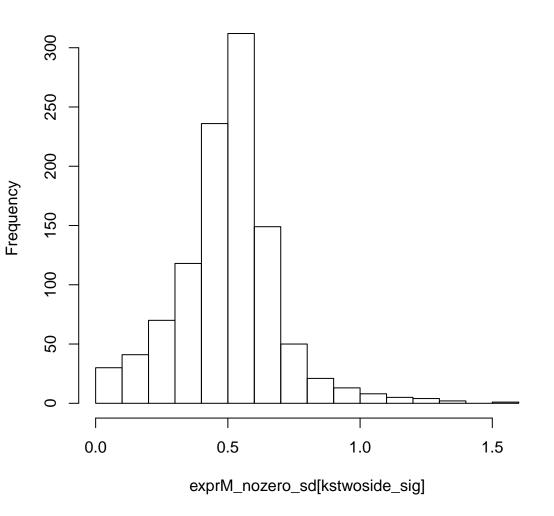
#### mean of nozero log-expres of genes,ksgreater sig



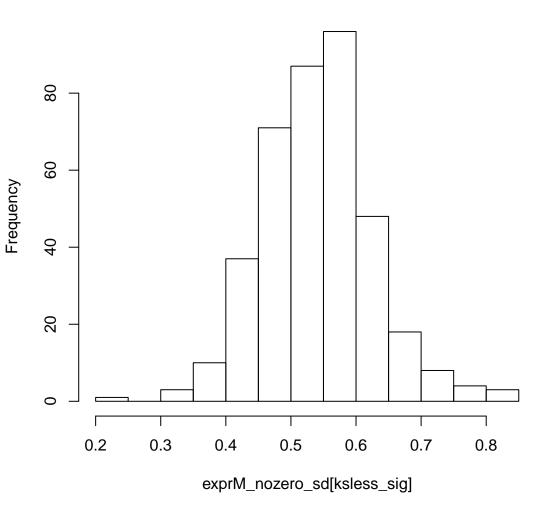
#### mean of nozero log-expres of genes,ks no sig



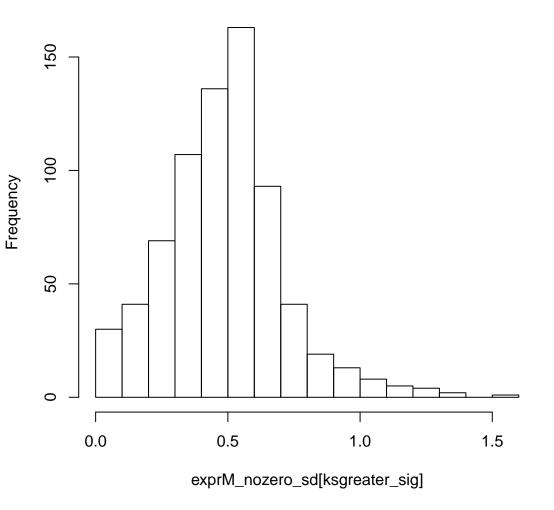
# sd of nozero log-expres of genes, kstwoside sig



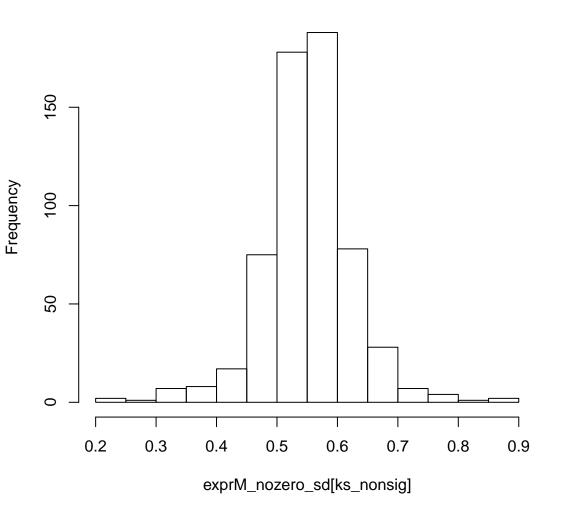
# sd of nozero log-expres of genes, ksless sig



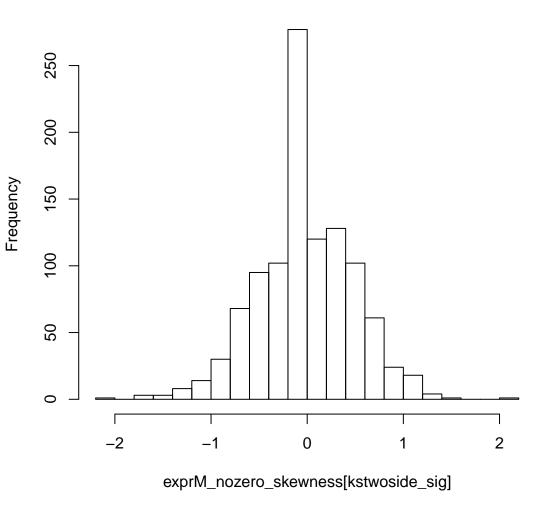
#### sd of nozero log-expres of genes,ksgreater sig



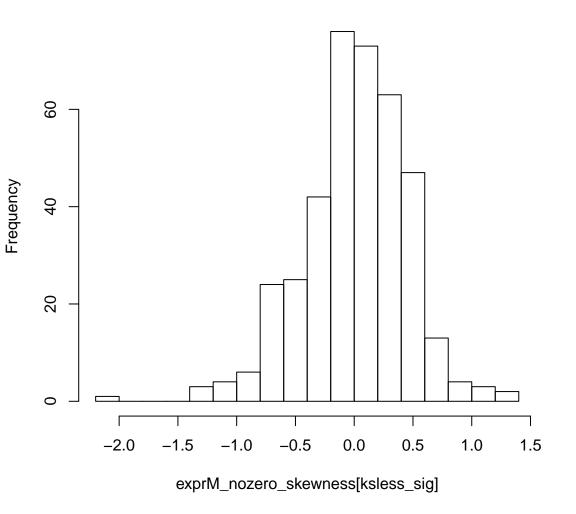
#### sd of nozero log-expres of genes,ks no sig



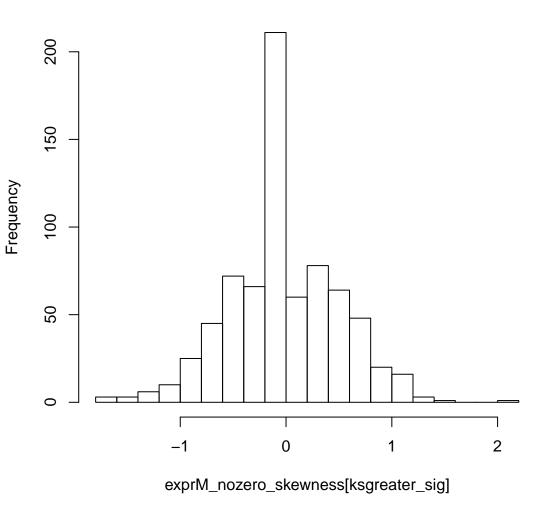
#### skewness of nozero log-expres of genes, kstwoside sig



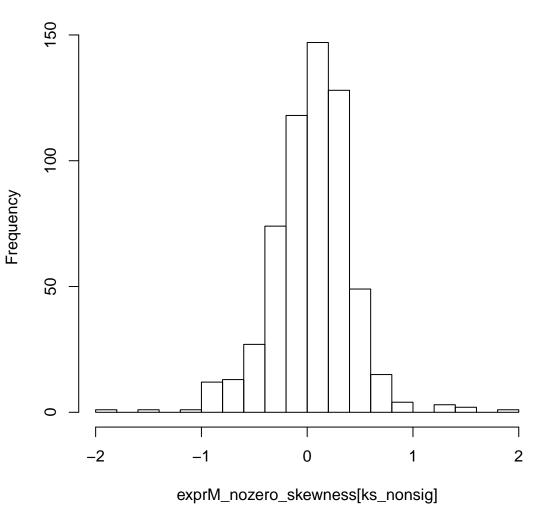
#### skewness of nozero log-expres of genes, ksless sig



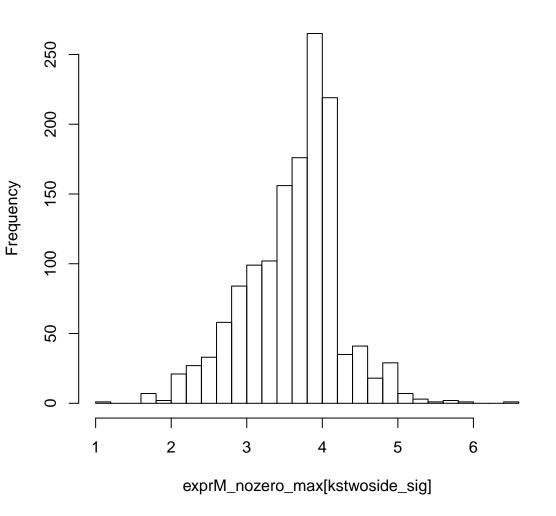
#### skewness of nozero log-expres of genes,ksgreater sig



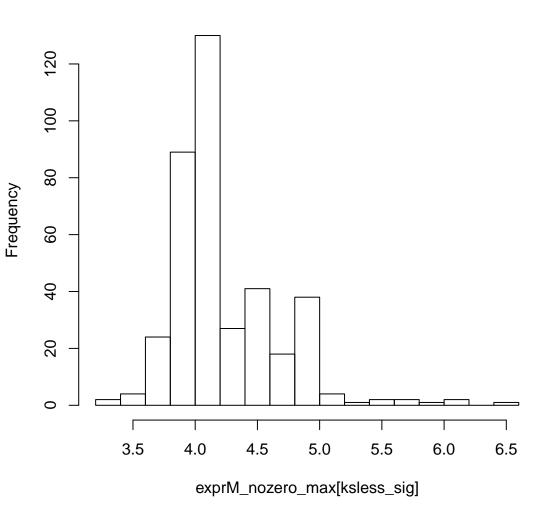
#### skewness of nozero log-expres of genes,ks no sig



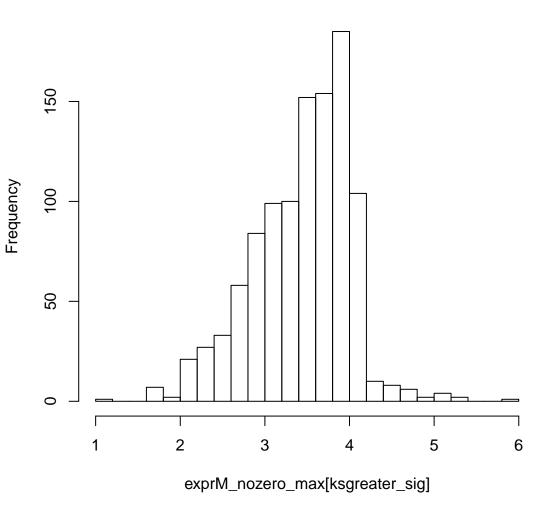
#### max of nozero log-expres of genes, kstwoside sig



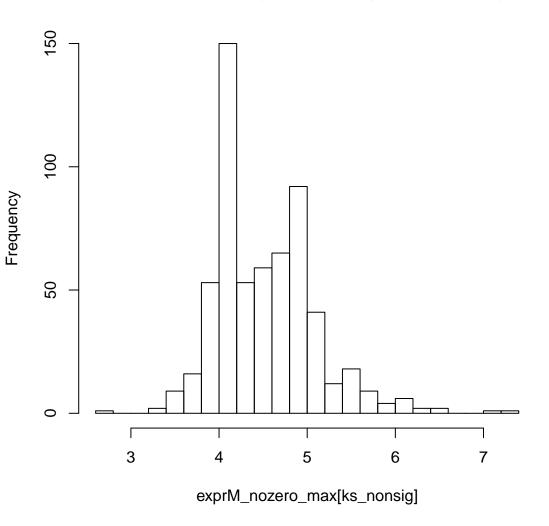
# max of nozero log-expres of genes, ksless sig



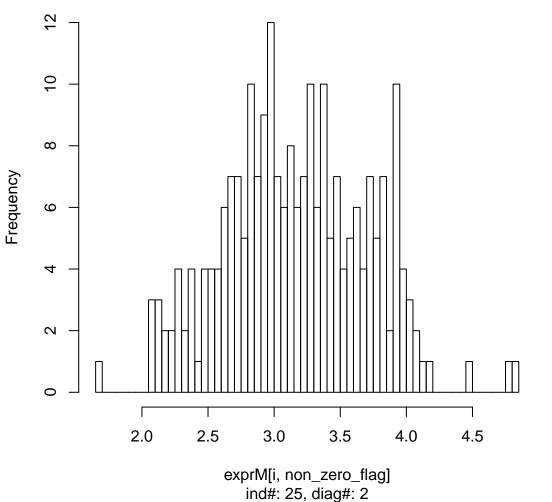
#### max of nozero log-expres of genes,ksgreater sig



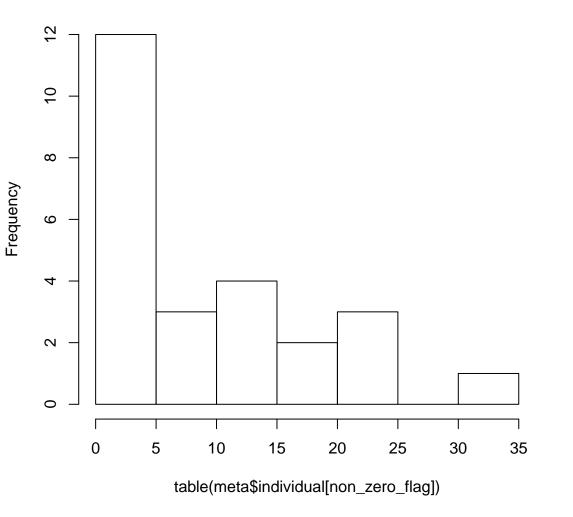
#### max of nozero log-expres of genes,ks no sig



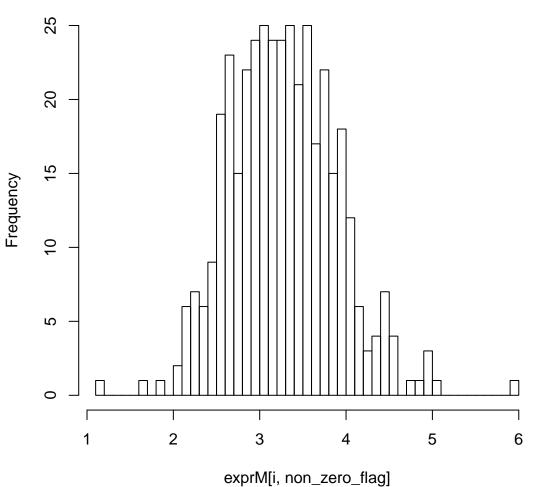
# Sless sig: log expression of gene#6, pval ob=0.2485, non–zero nu



#### KSless sig: individual expression cell count of gene#6

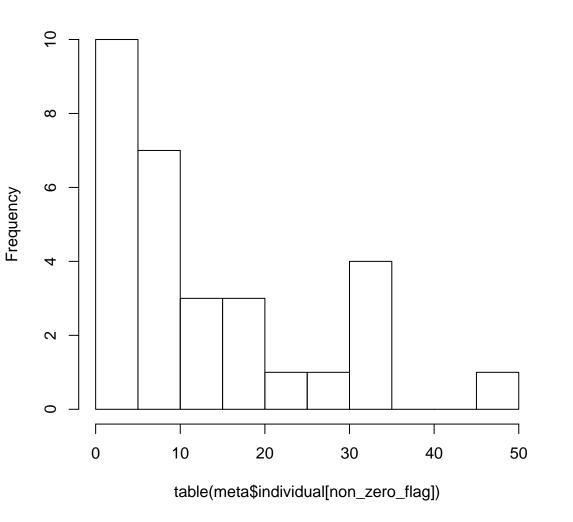


less sig: log expression of gene#47, pval ob=0.1623, non-zero nu

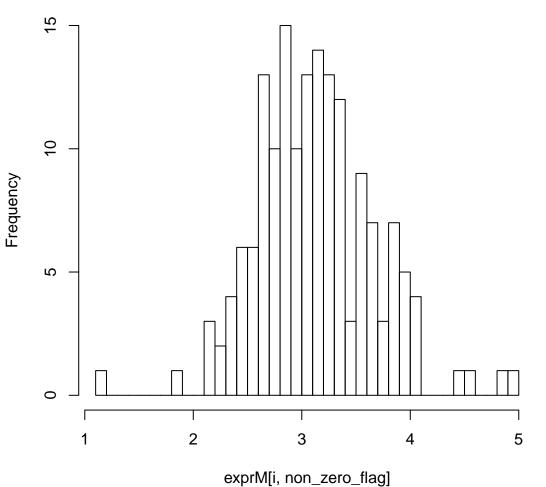


ind#: 30, diag#: 2

#### KSless sig: individual expression cell count of gene#47

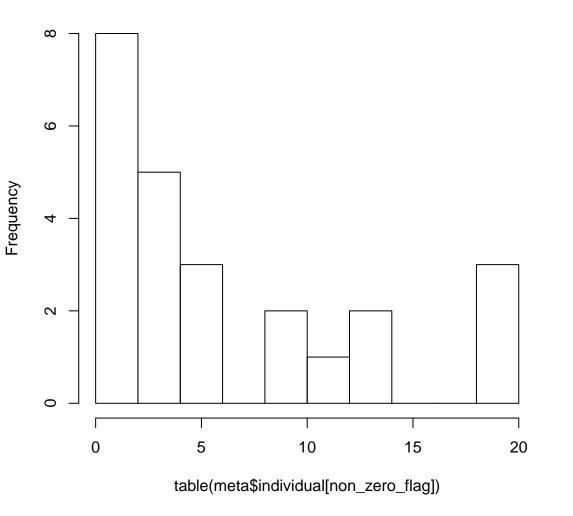


Sless sig: log expression of gene#48, pval ob=0.324, non–zero nu

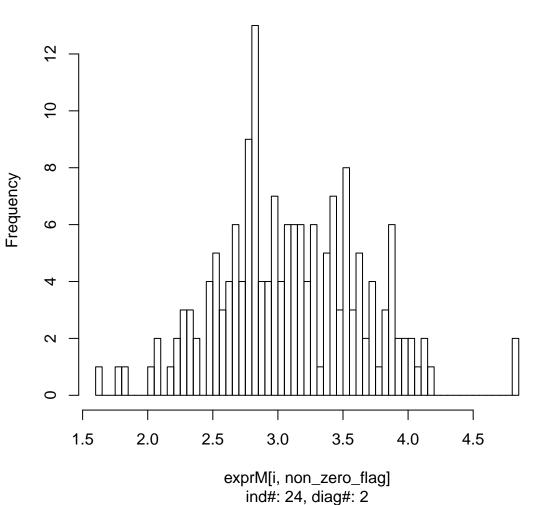


ind#: 24, diag#: 2

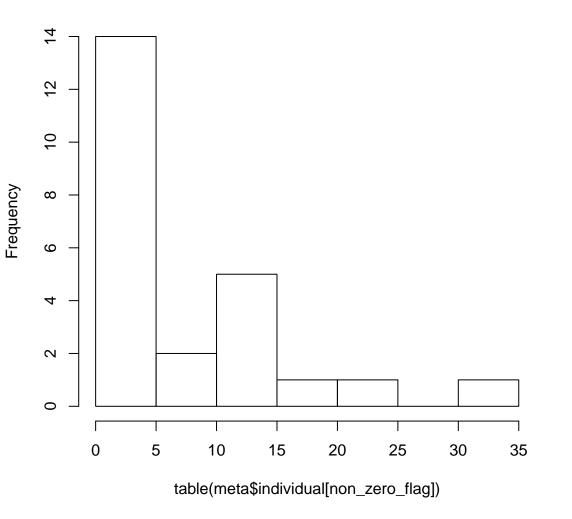
#### KSless sig: individual expression cell count of gene#48



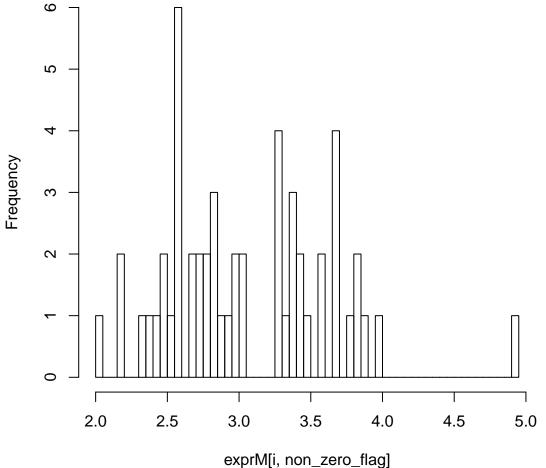
# Sless sig: log expression of gene#55, pval ob=0.007, non–zero nu



#### KSless sig: individual expression cell count of gene#55

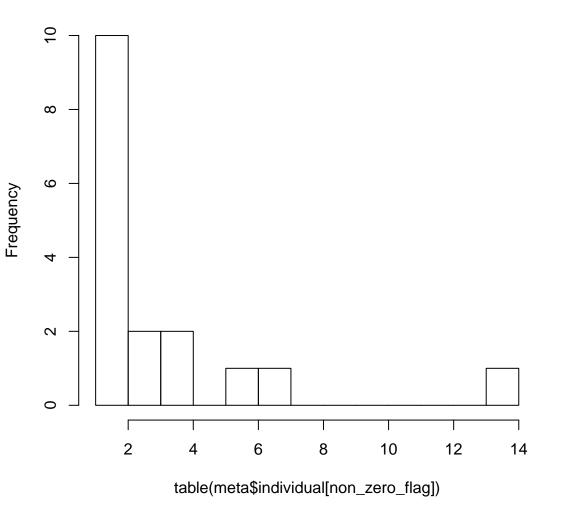


Sless sig: log expression of gene#56, pval ob=0.5506, non-zero n

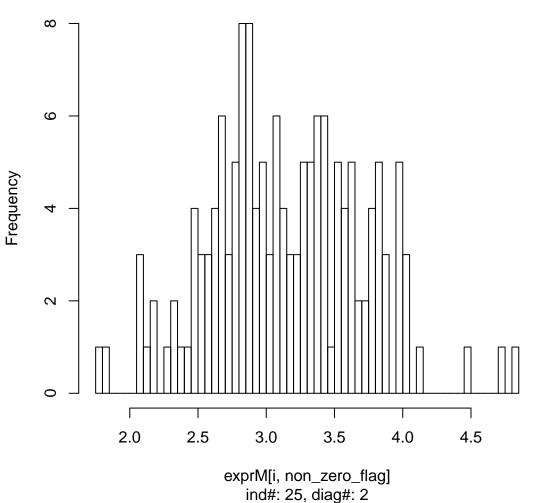


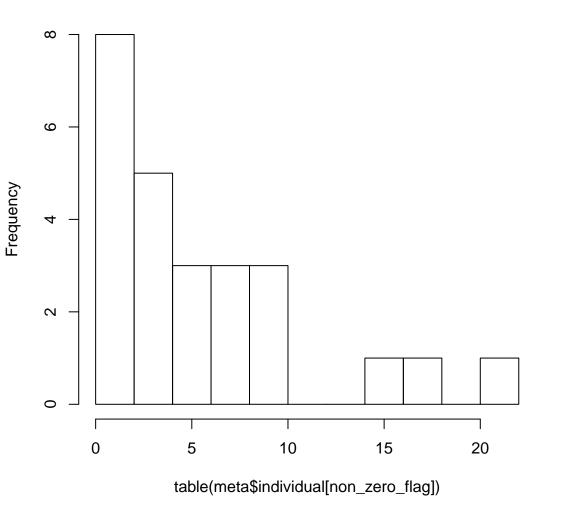
ind#: 17, diag#: 2

### KSless sig: individual expression cell count of gene#56

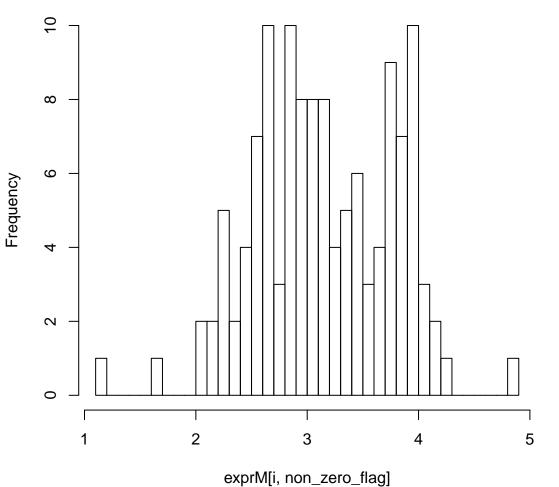


less sig: log expression of gene#58, pval ob=0.3118, non-zero nu

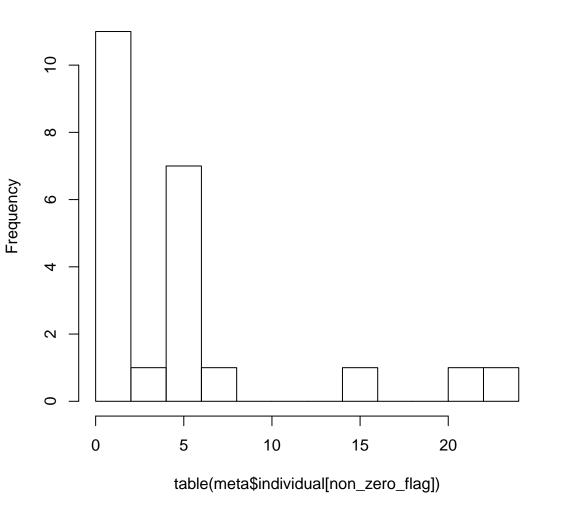




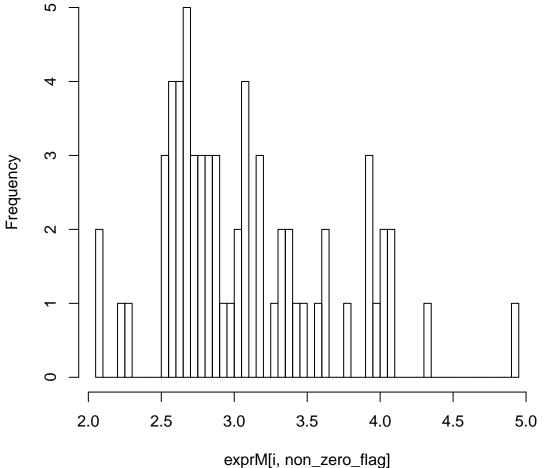
less sig: log expression of gene#76, pval ob=0.0166, non-zero nu



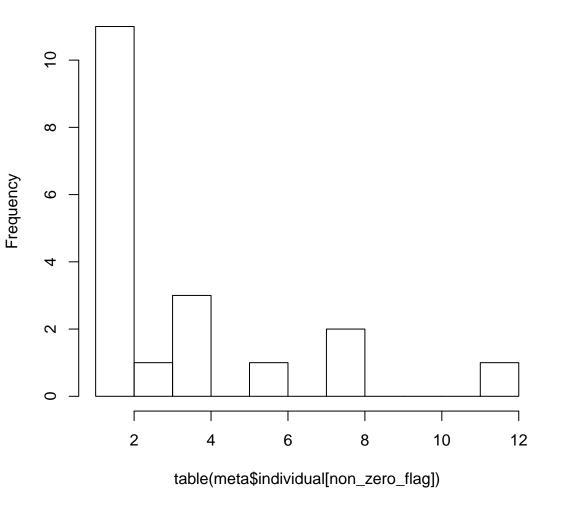
ind#: 23, diag#: 2



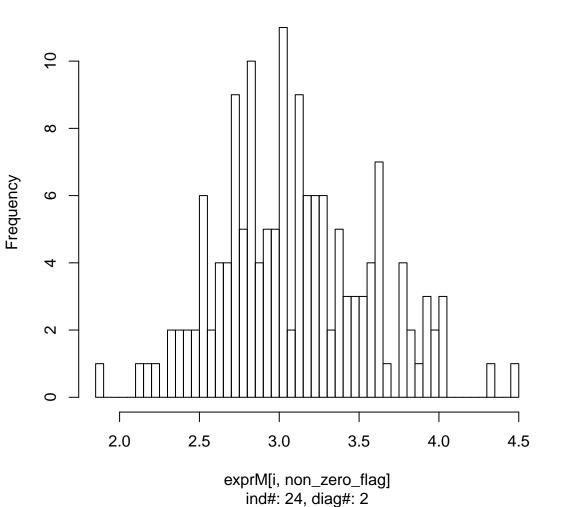
Sless sig: log expression of gene#86, pval ob=0.0101, non-zero n

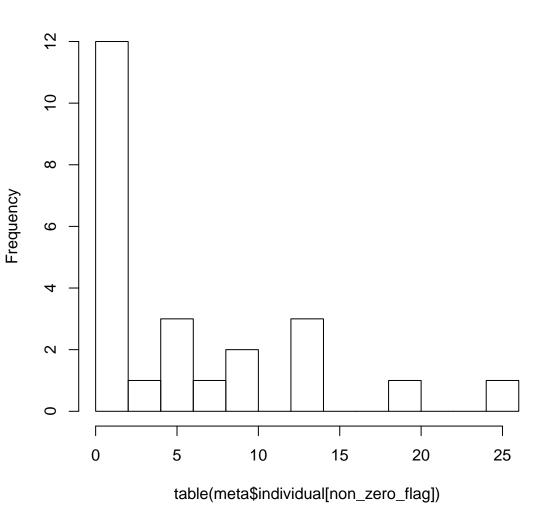


ind#: 19, diag#: 2

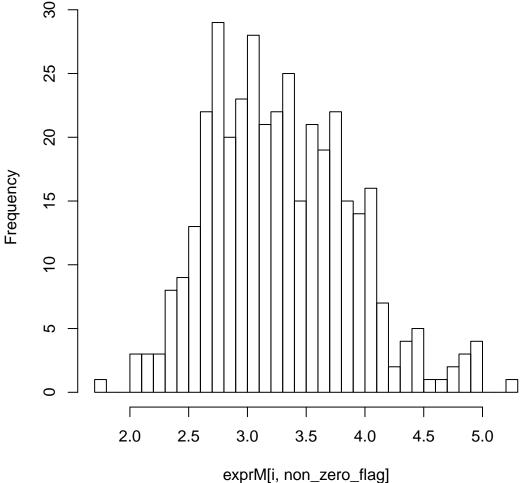


less sig: log expression of gene#90, pval ob=0.0032, non-zero nu

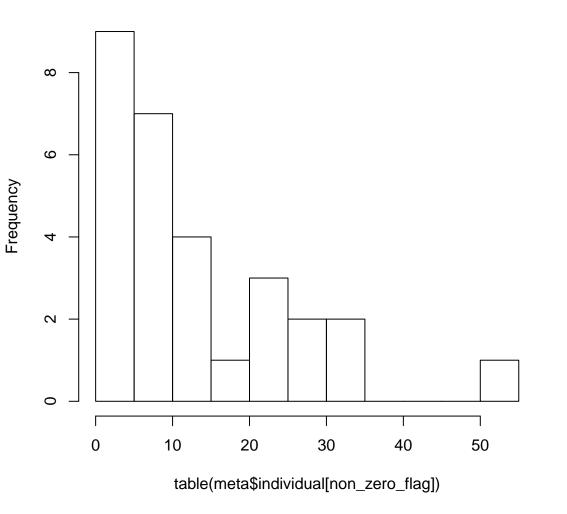




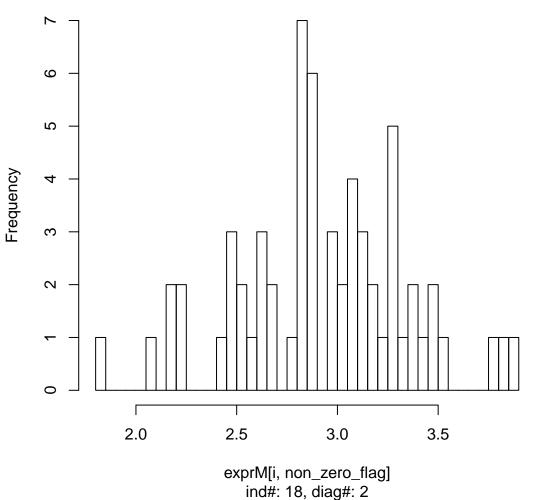
ess sig: log expression of gene#101, pval ob=0.0895, non-zero n

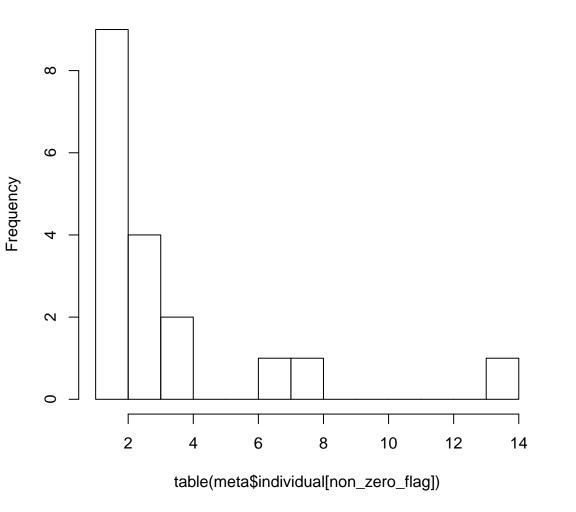


ind#: 29, diag#: 2

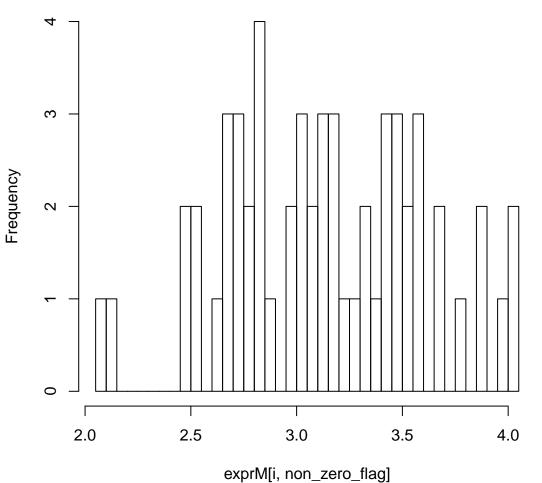


## S nonsig: log expression of gene#7, pval ob=0.1719, non-zero nu

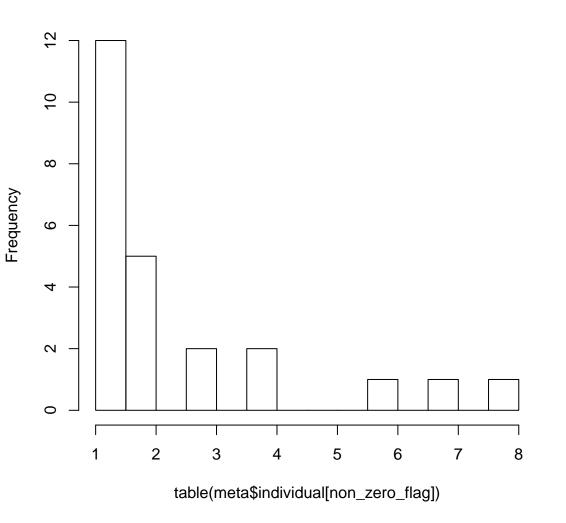




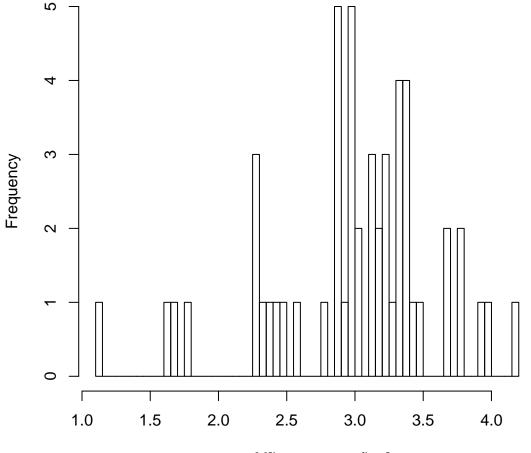
## S nonsig: log expression of gene#8, pval ob=0.2007, non-zero nu



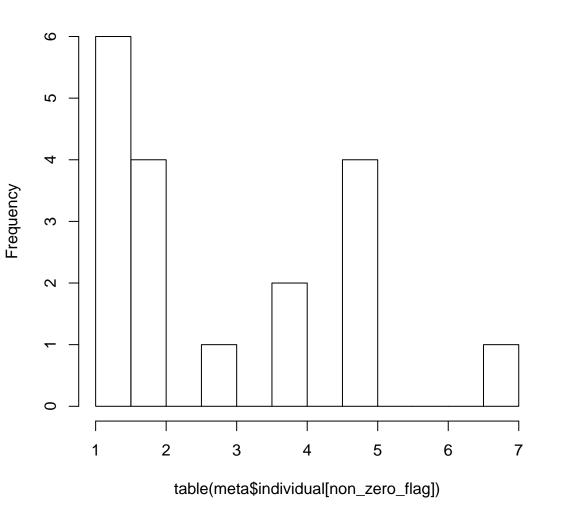
ภาพ[เ, ทิงก\_2ero\_กลง ind#: 24, diag#: 2



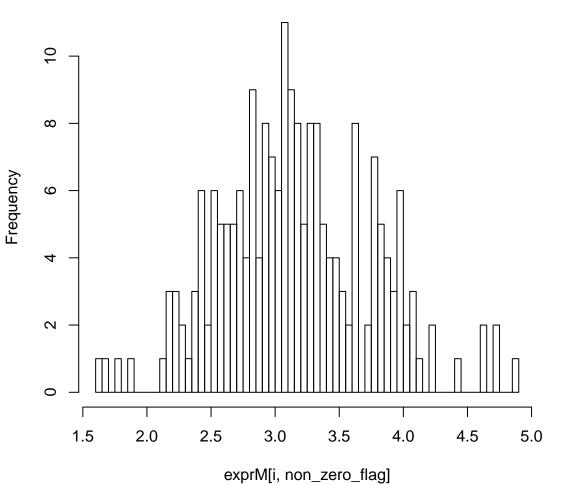
S nonsig: log expression of gene#12, pval ob=0.7847, non–zero n



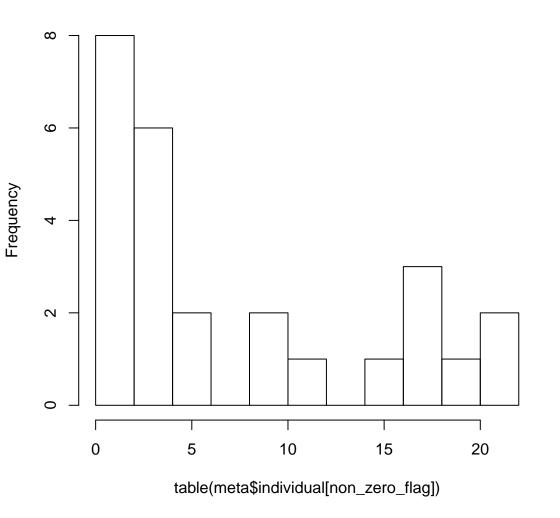
exprM[i, non\_zero\_flag] ind#: 18, diag#: 2



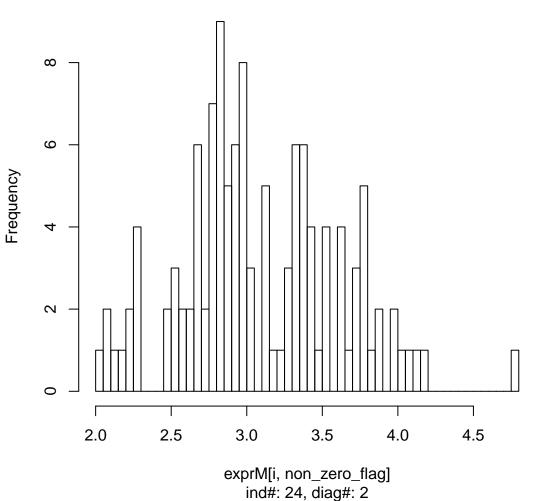
s nonsig: log expression of gene#17, pval ob=0.0289, non–zero nເ

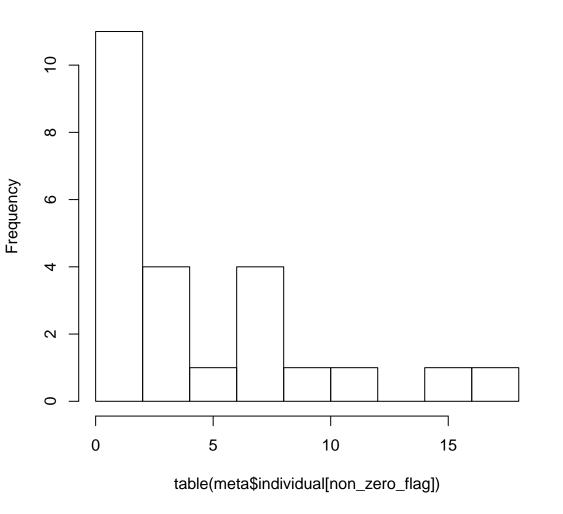


ind#: 26, diag#: 2

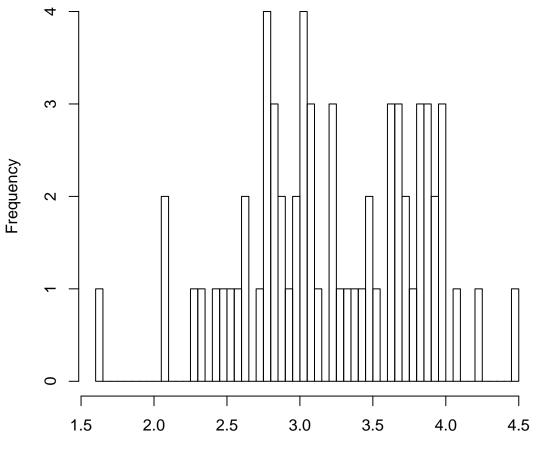


s nonsig: log expression of gene#23, pval ob=0.0422, non–zero nເ

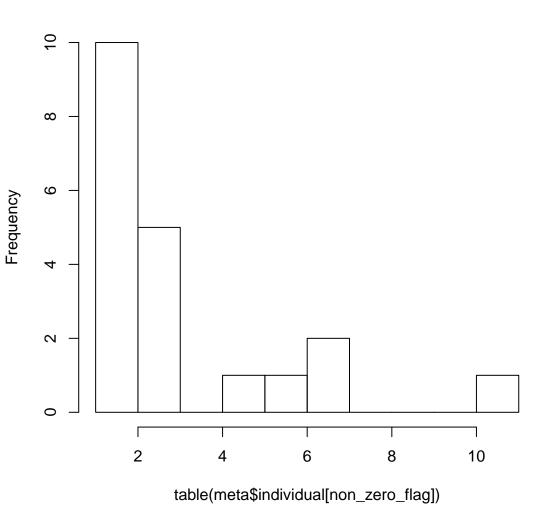




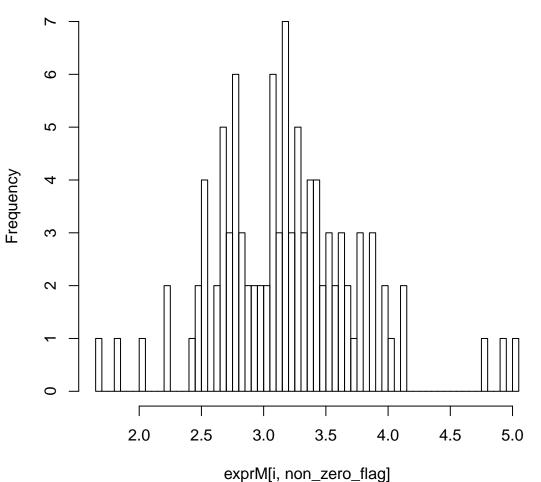
# S nonsig: log expression of gene#30, pval ob=0.0477, non-zero n



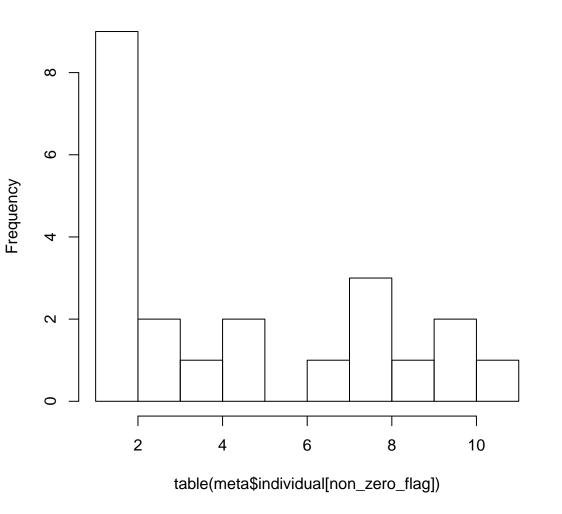
exprM[i, non\_zero\_flag] ind#: 20, diag#: 2



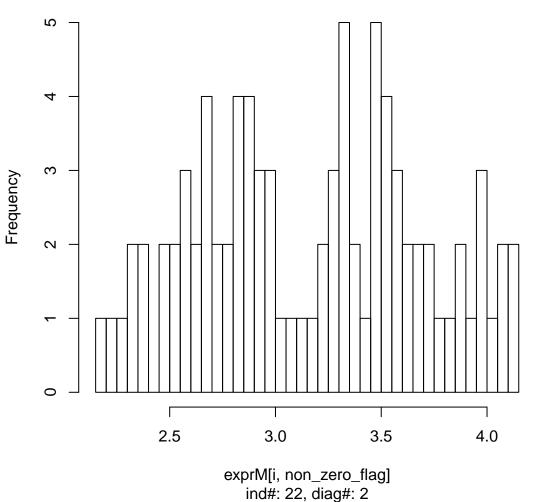
s nonsig: log expression of gene#32, pval ob=0.0825, non–zero nເ

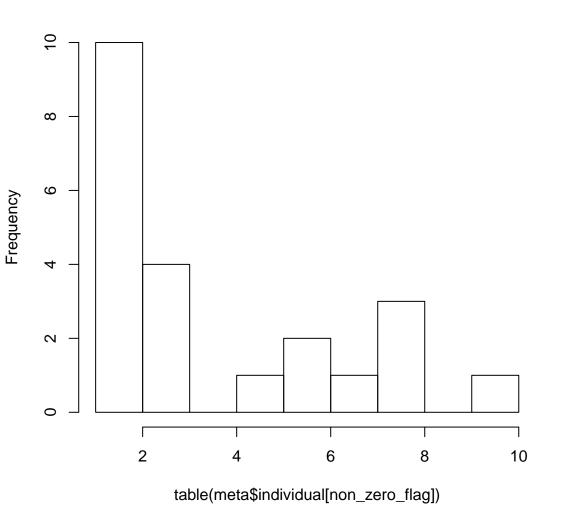


ind#: 22, diag#: 2

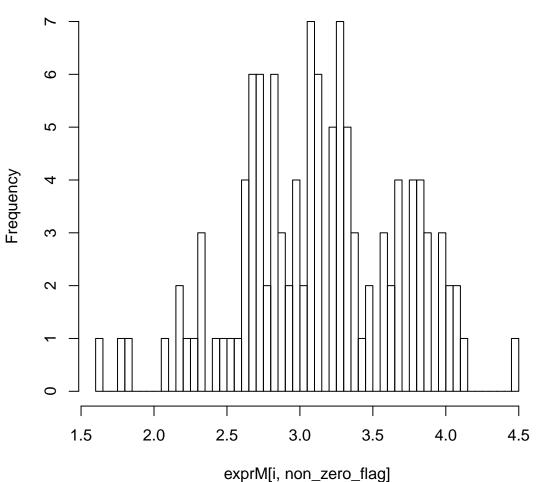


### S nonsig: log expression of gene#39, pval ob=0.787, non-zero nu

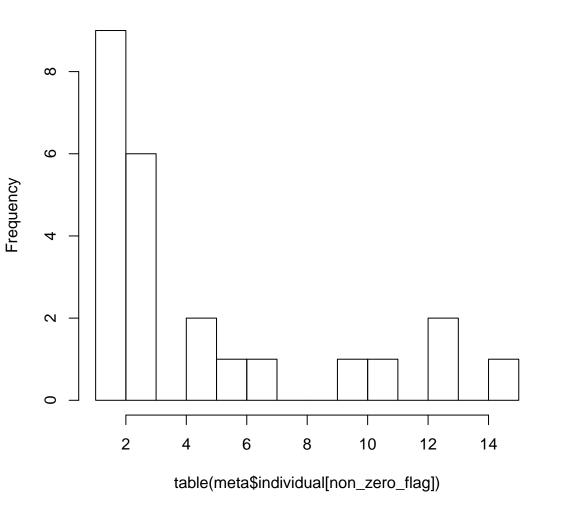




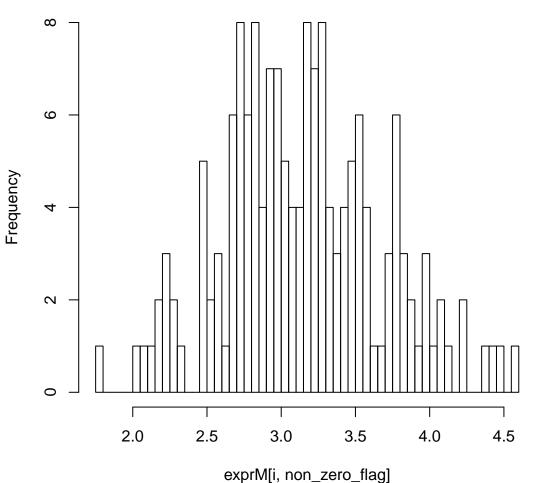
s nonsig: log expression of gene#44, pval ob=0.7828, non–zero nເ



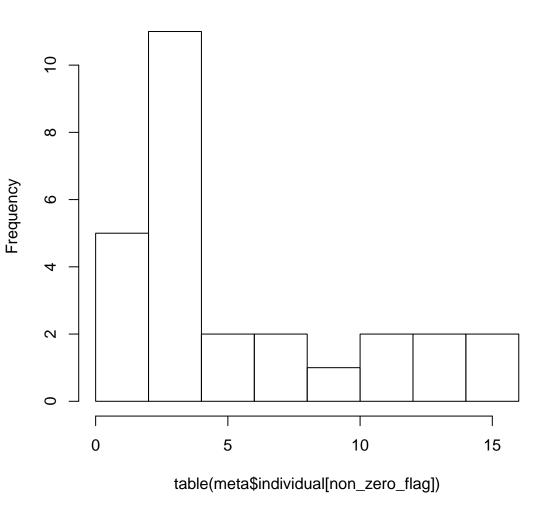
ind#: 24, diag#: 2



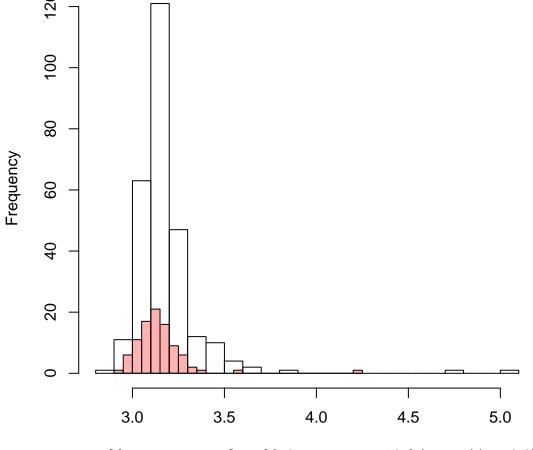
s nonsig: log expression of gene#53, pval ob=0.0225, non–zero nເ



ind#: 27, diag#: 2

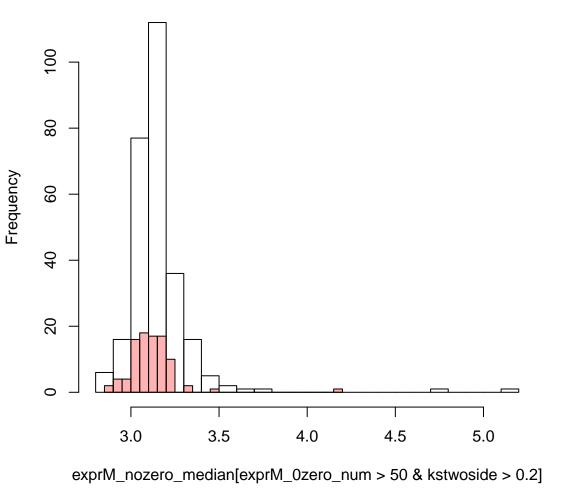


ogram of exprM\_nozero\_mean[exprM\_0zero\_num > 50 & kstwosi

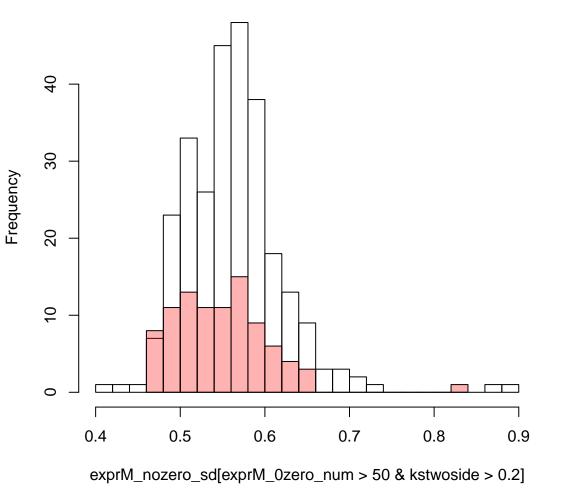


exprM\_nozero\_mean[exprM\_0zero\_num > 50 & kstwoside > 0.2]

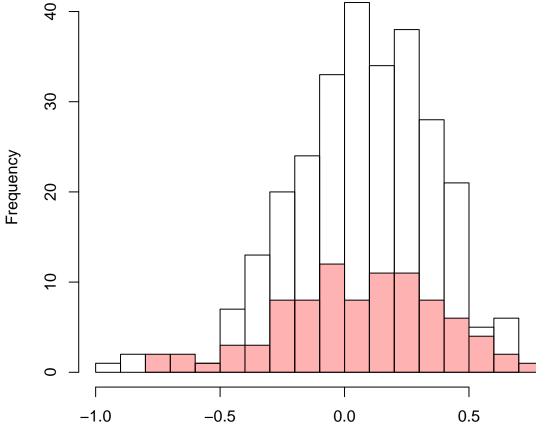
ogram of exprM\_nozero\_median[exprM\_0zero\_num > 50 & kstwos



stogram of exprM\_nozero\_sd[exprM\_0zero\_num > 50 & kstwoside

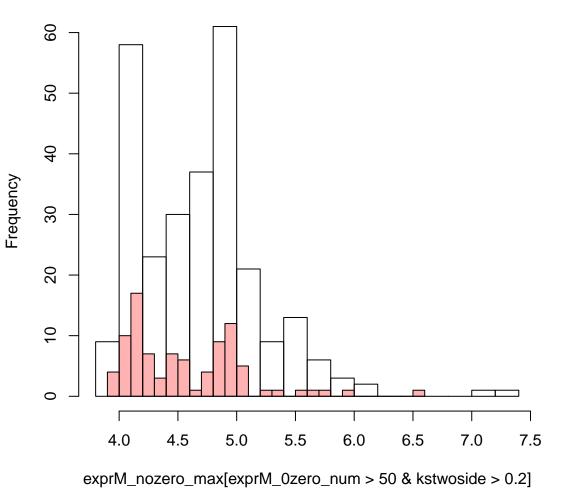


ram of exprM\_nozero\_skewness[exprM\_0zero\_num > 50 & kstwo

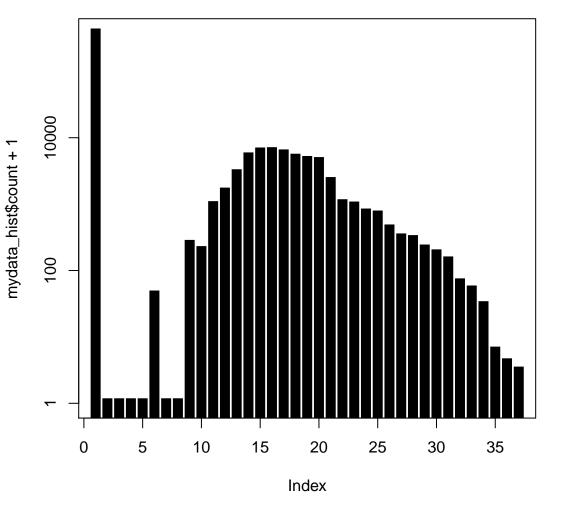


exprM\_nozero\_skewness[exprM\_0zero\_num > 50 & kstwoside > 0.2]

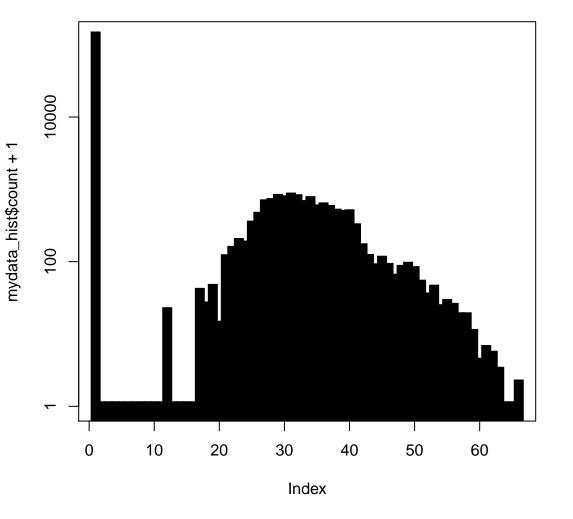
togram of exprM\_nozero\_max[exprM\_0zero\_num > 50 & kstwosic



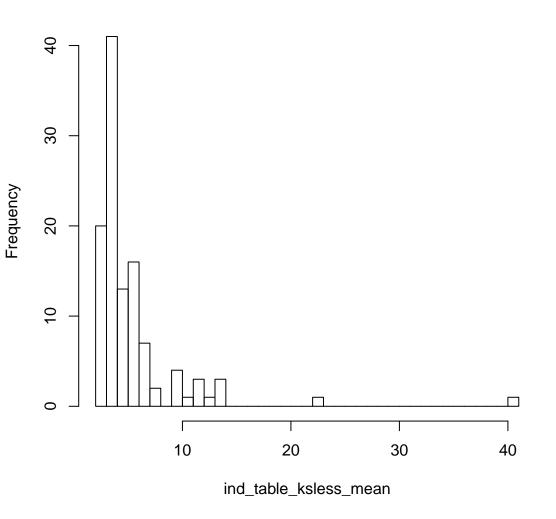
enes log(expression +1) with least 50 cell expression and kstwosi



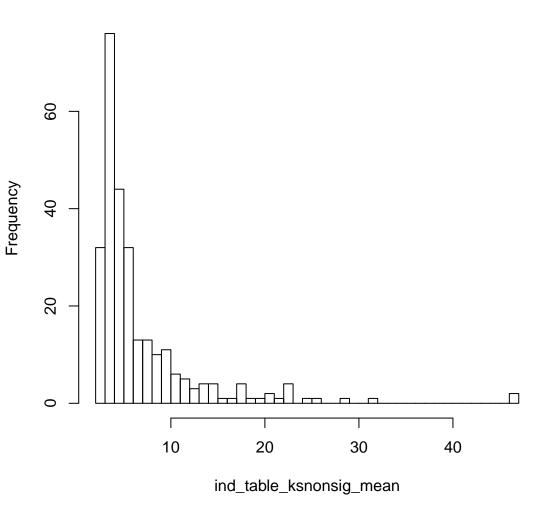
nes log(expression +1) with least 50 cell expression and kstwosic



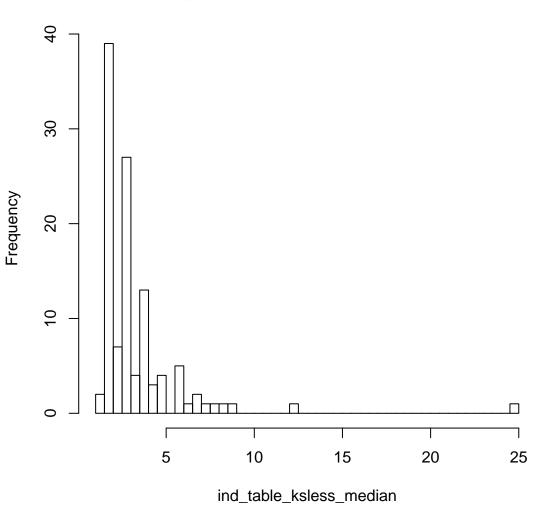
### Histogram of ind\_table\_ksless\_mean



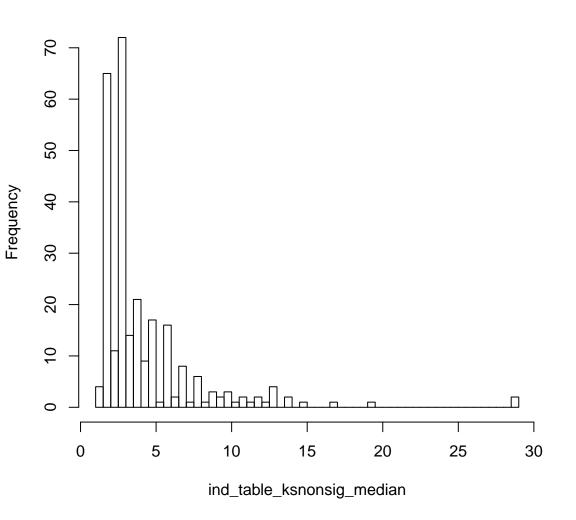
### Histogram of ind\_table\_ksnonsig\_mean



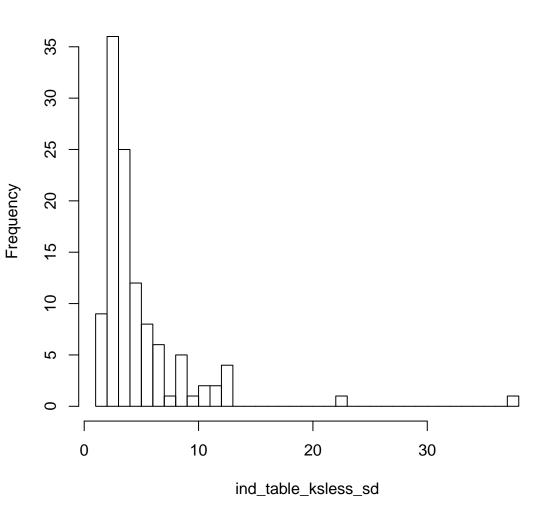
### Histogram of ind\_table\_ksless\_median



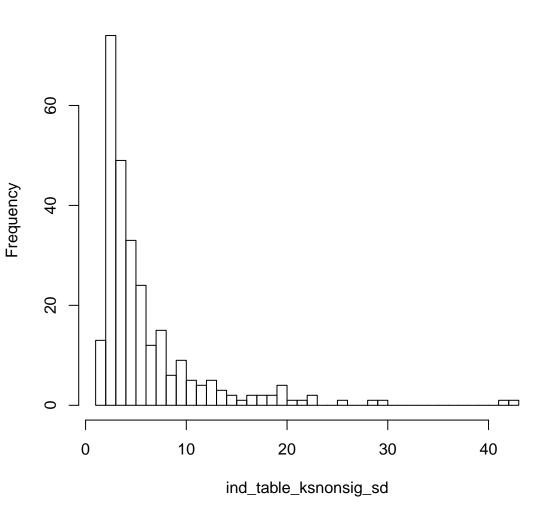
### Histogram of ind\_table\_ksnonsig\_median



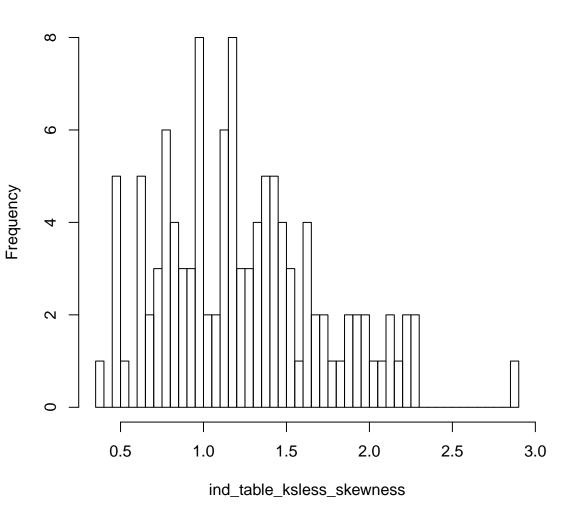
### Histogram of ind\_table\_ksless\_sd



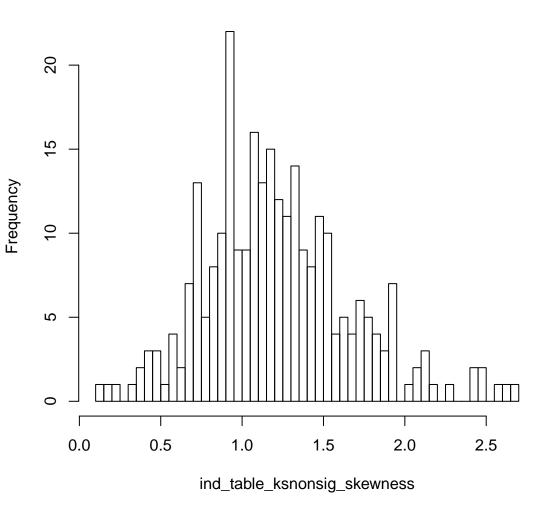
### Histogram of ind\_table\_ksnonsig\_sd



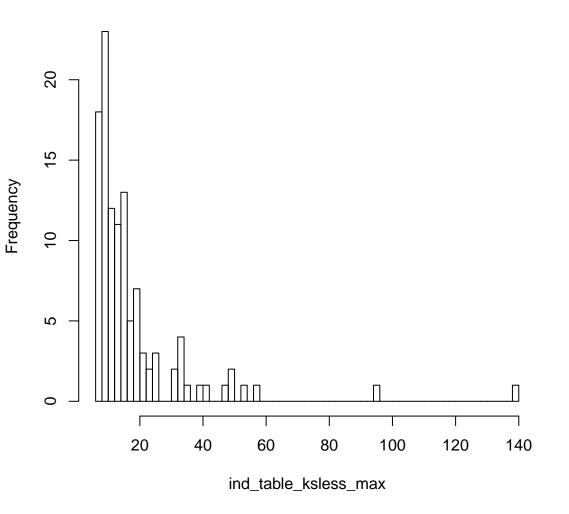
### Histogram of ind\_table\_ksless\_skewness



### Histogram of ind\_table\_ksnonsig\_skewness



### Histogram of ind\_table\_ksless\_max



### Histogram of ind\_table\_ksnonsig\_max

