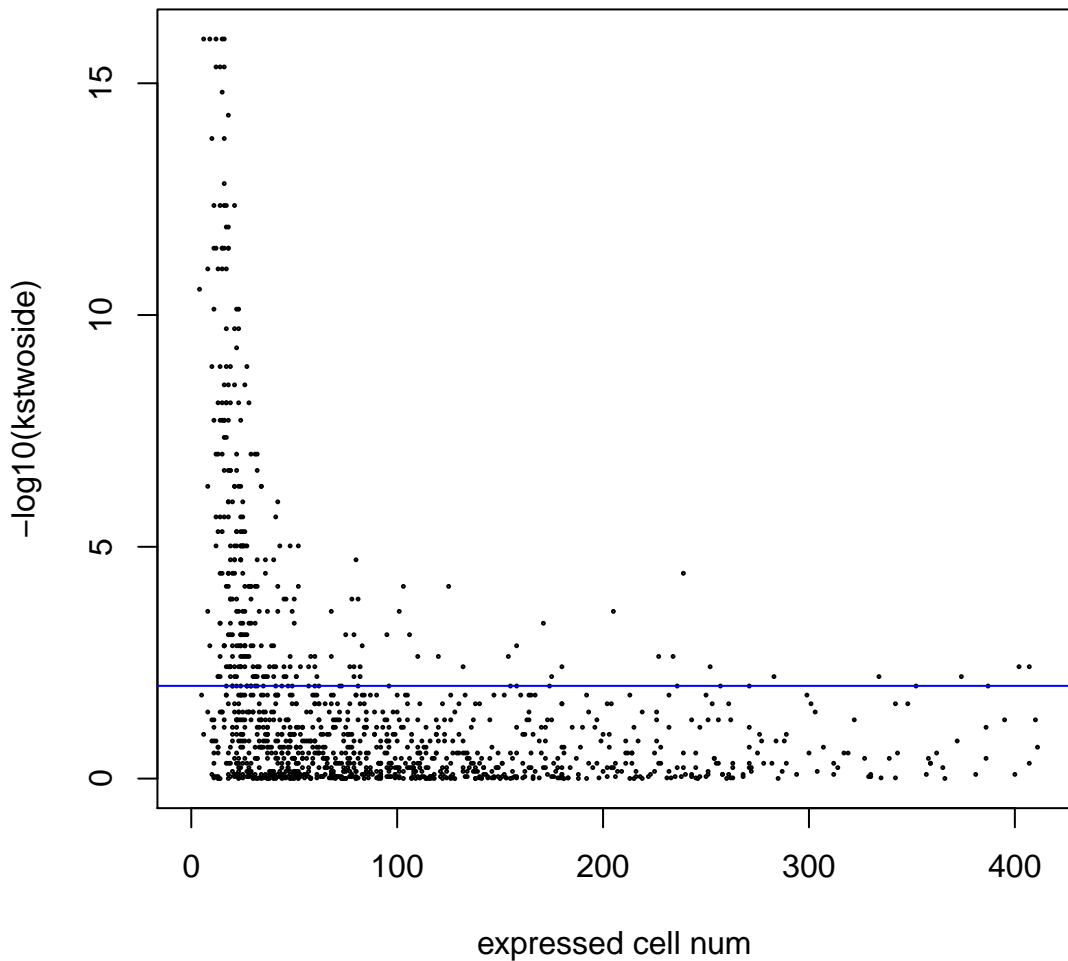
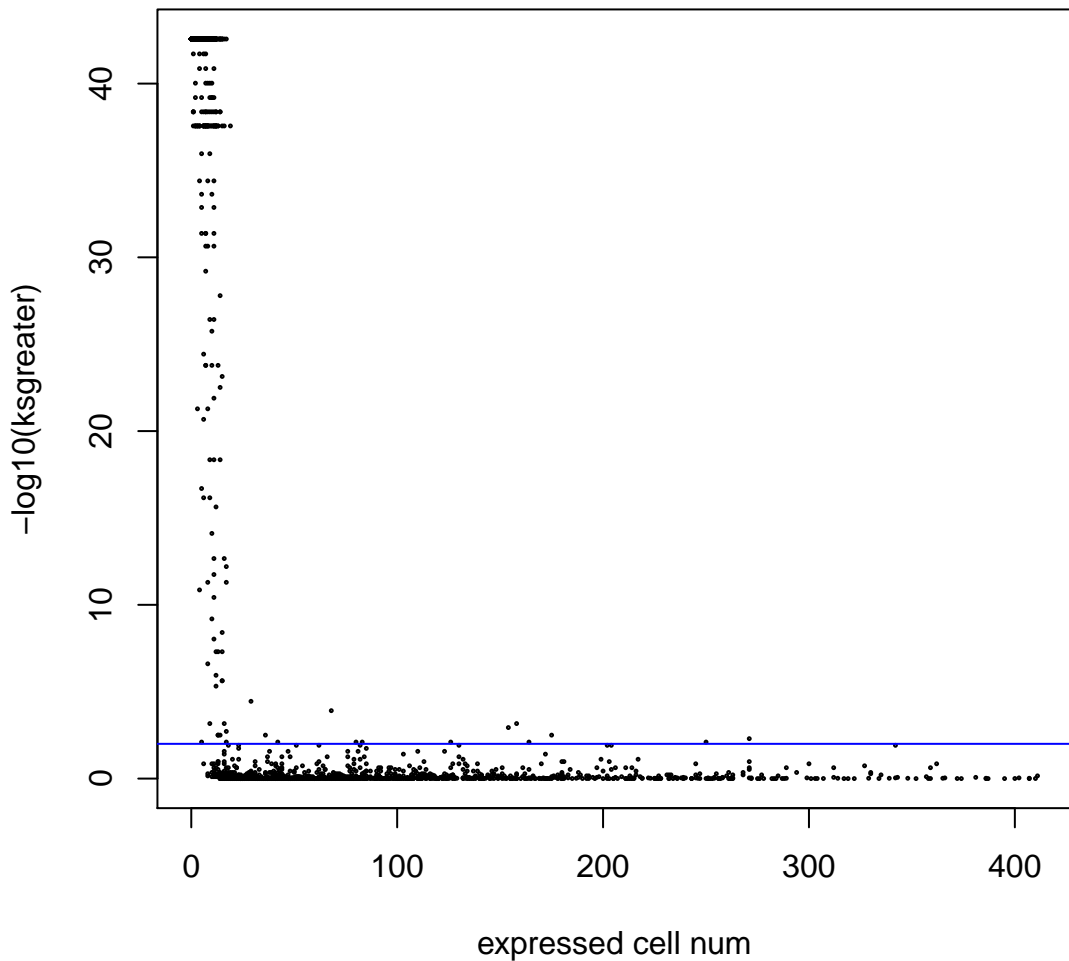


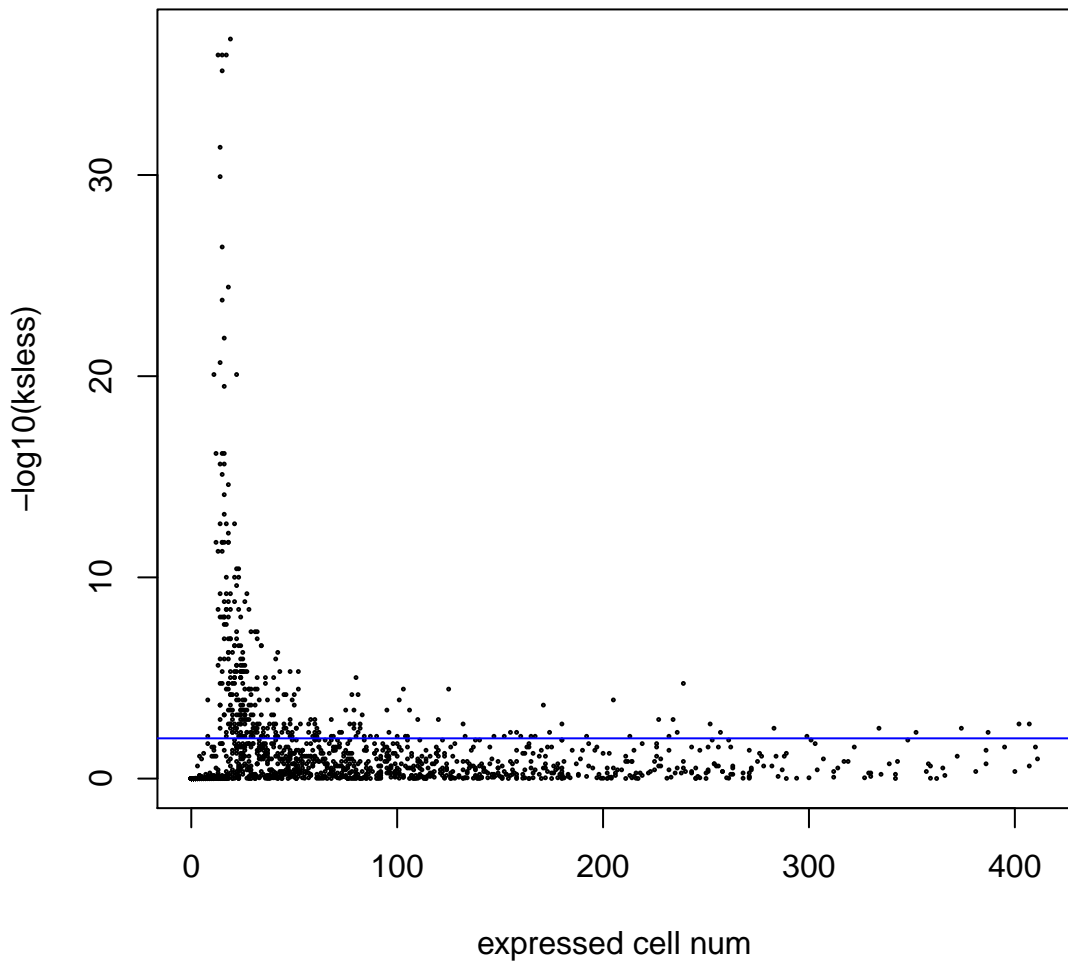
**sig\_KStwoside: 68.4%**



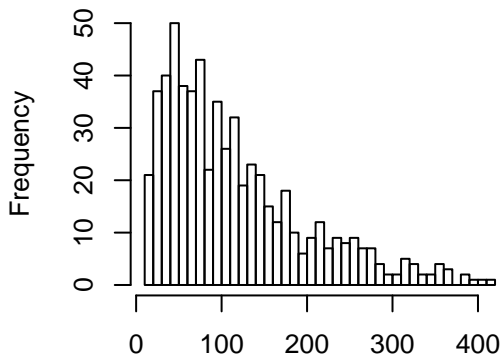
**sig\_KSgreater: 59.967%**



**sig\_KSless: 11.133%**

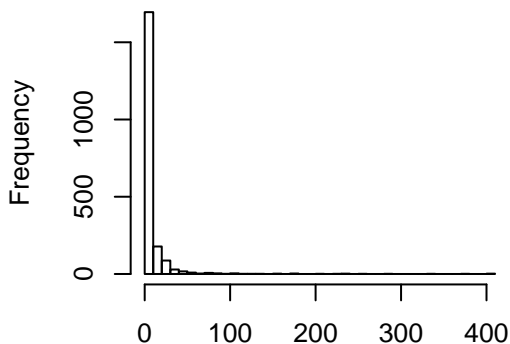


**expression cell num,kstwoside>0.1**



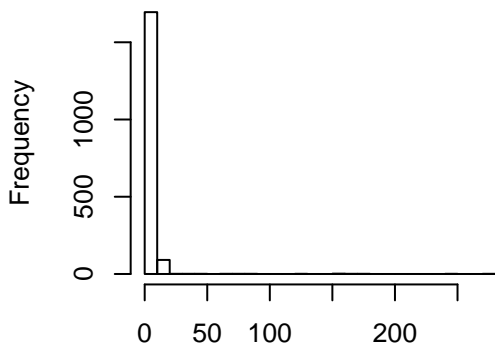
`exprM_0zero_num[kstwoside > 0.2]`

**expression cell num,kstwoside<0.01**



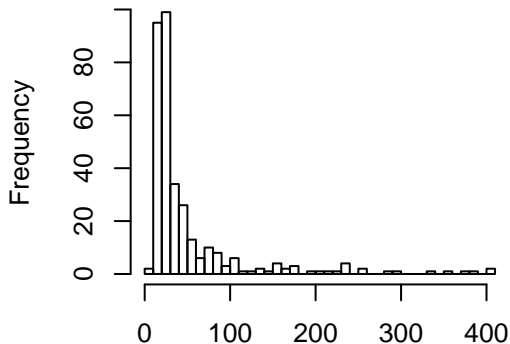
`exprM_0zero_num[kstwoside < 0.01]`

**expression cell num,ksgreater<0.01**



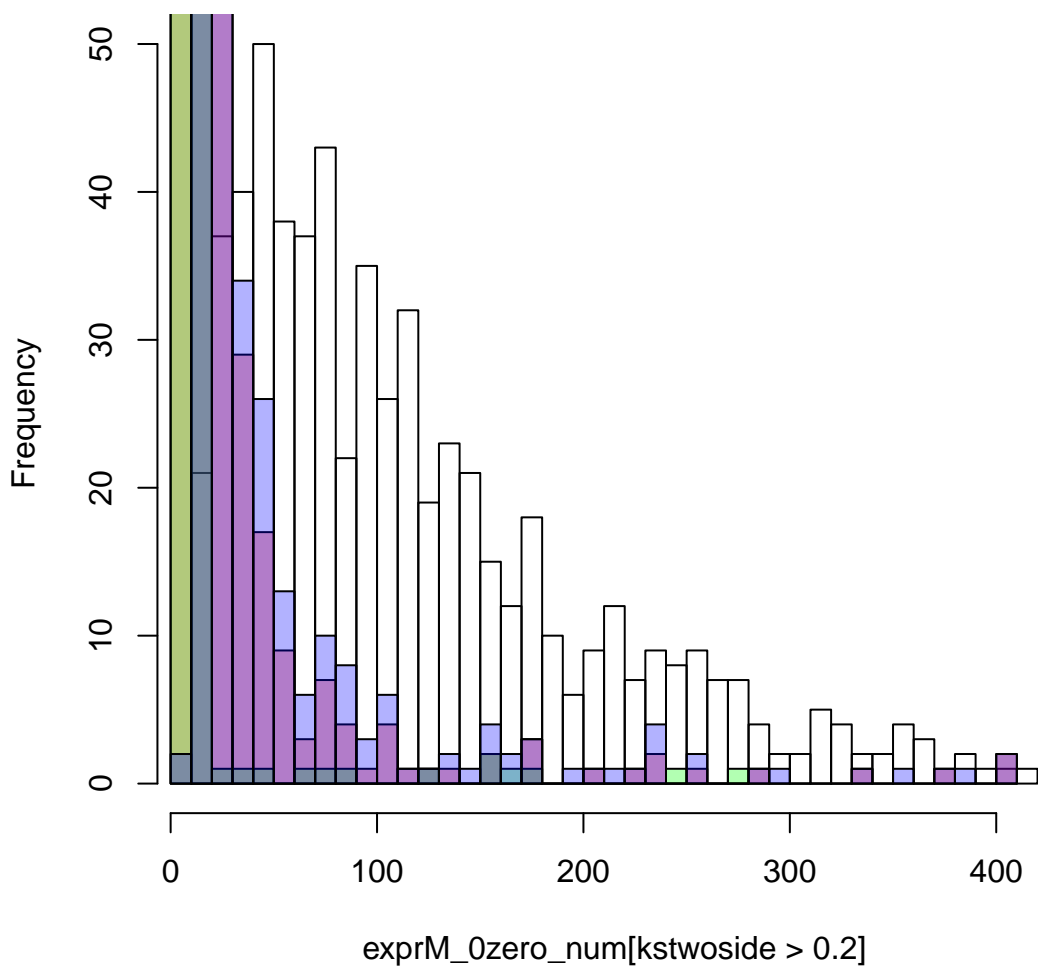
`exprM_0zero_num[ksgreater < 0.01]`

**expression cell num,ksless<0.01**

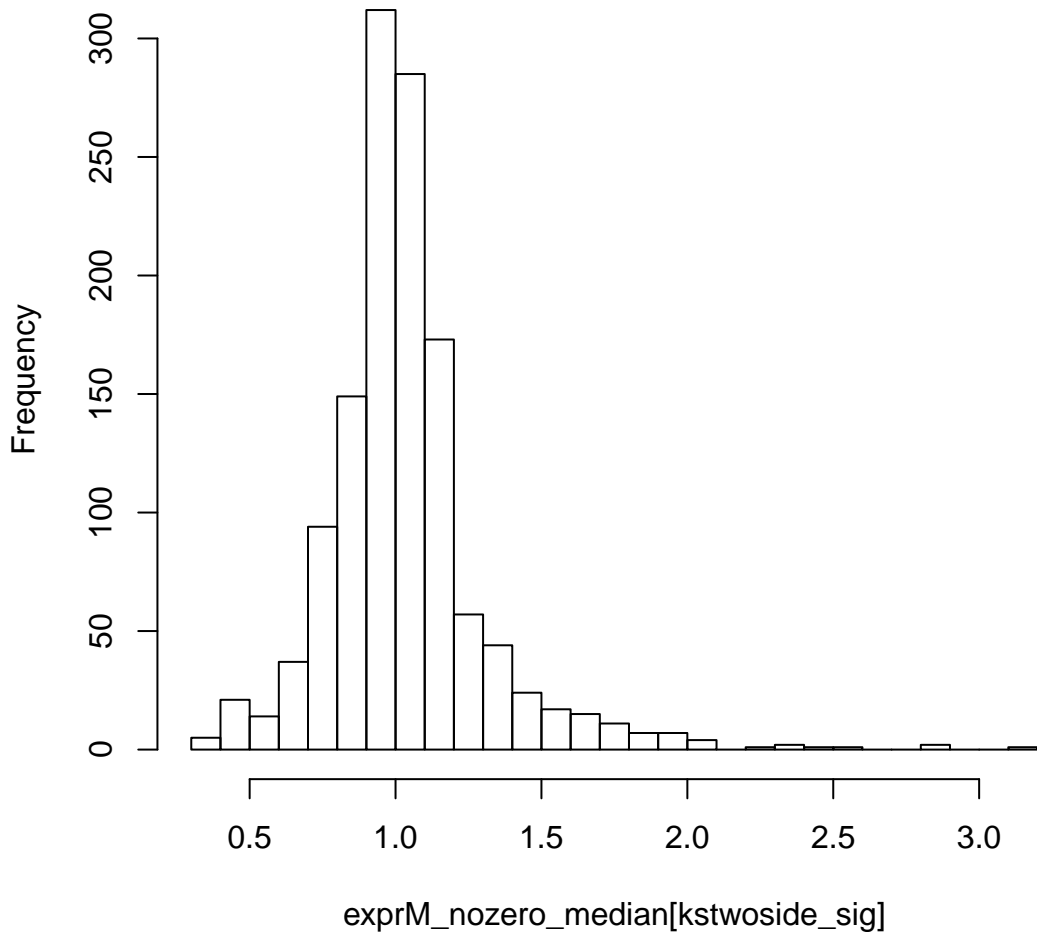


`exprM_0zero_num[ksless < 0.01]`

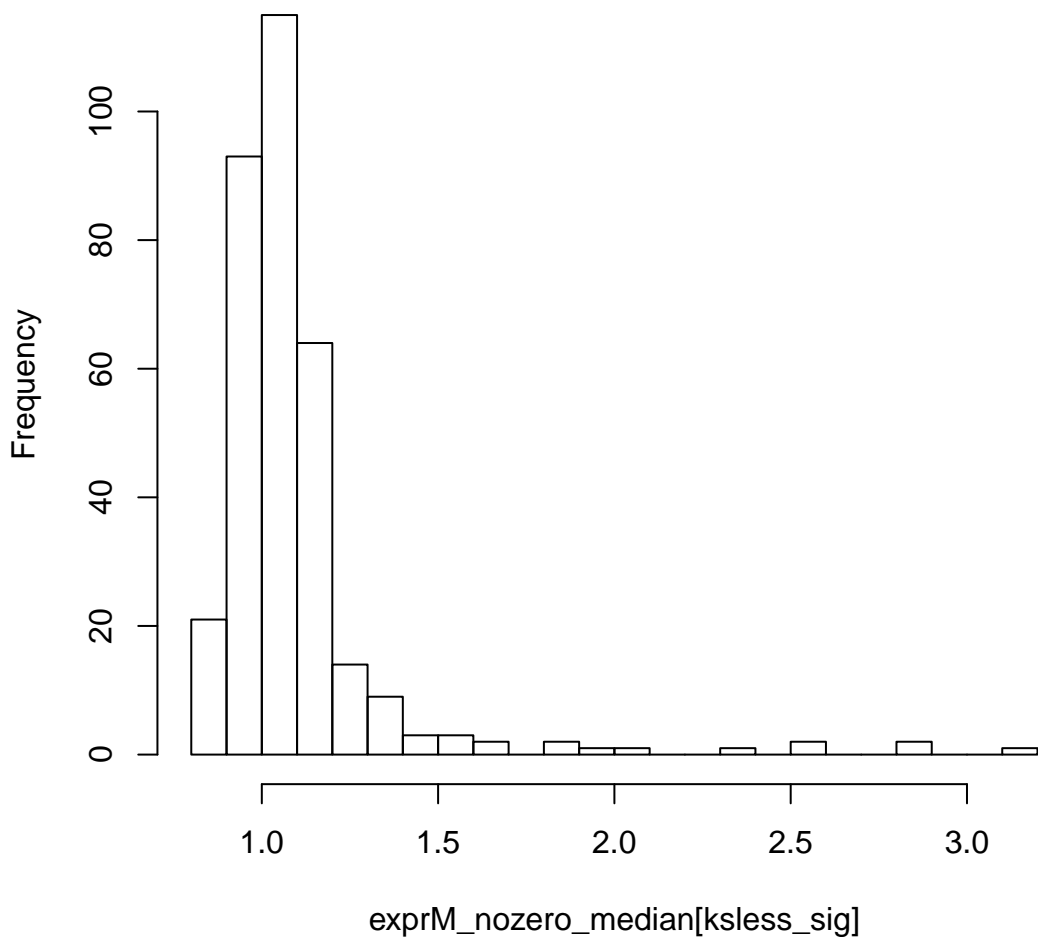
# expression cell num



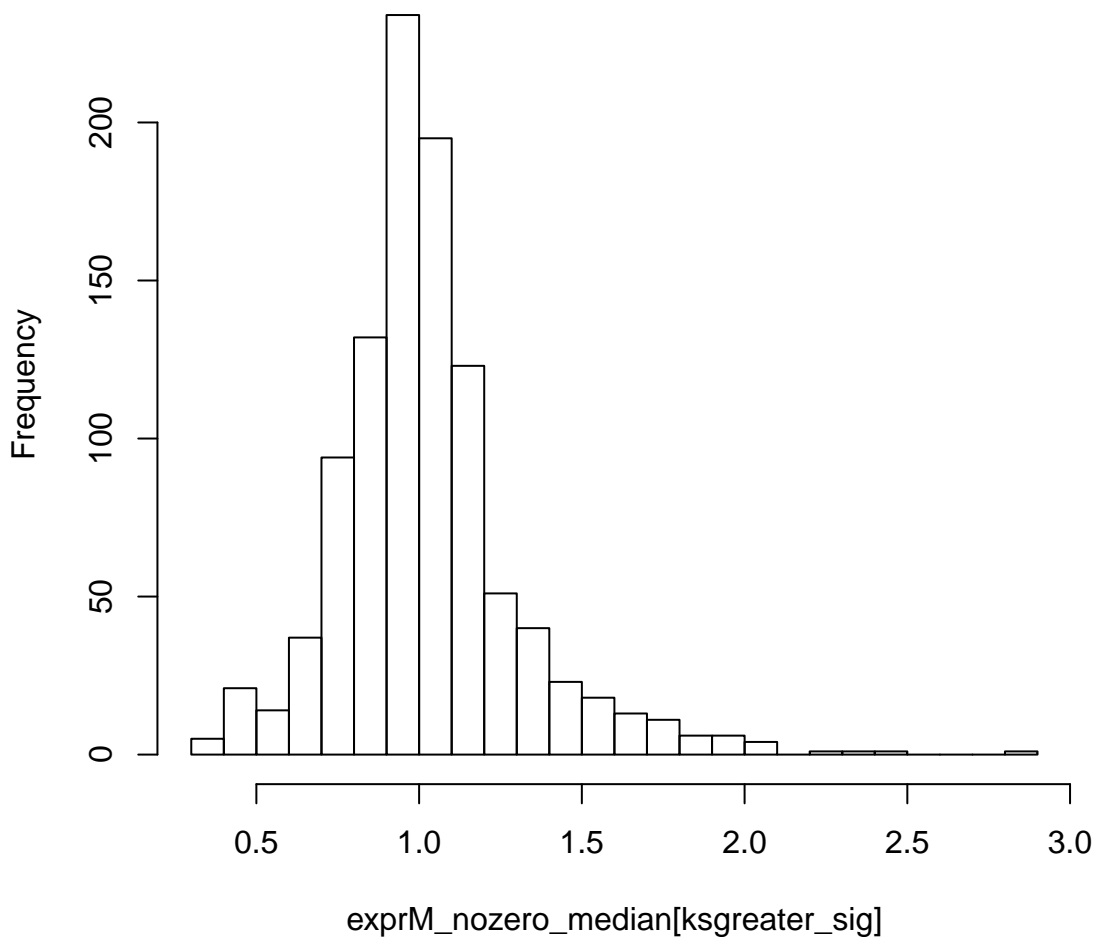
# median of nozero log-express of genes, kstwoside sig



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

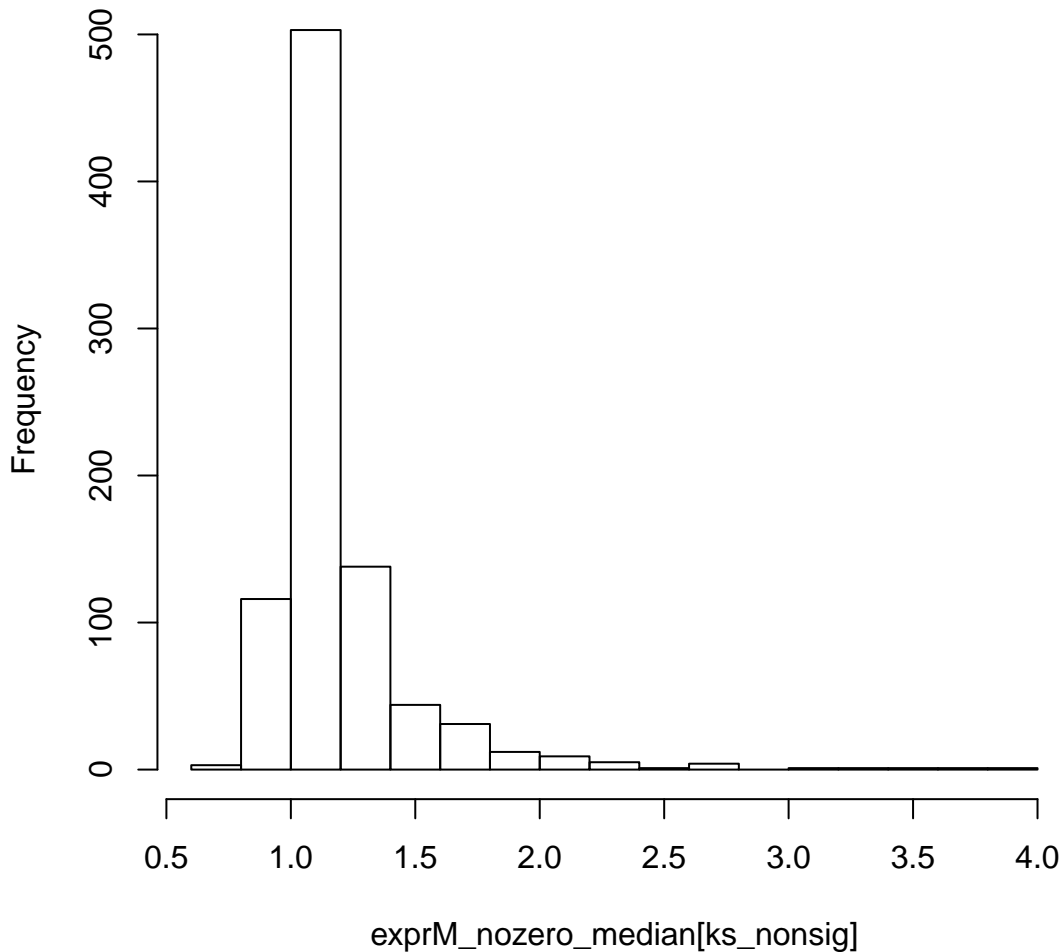


# median of nozero log-express of genes,ksgreater sig

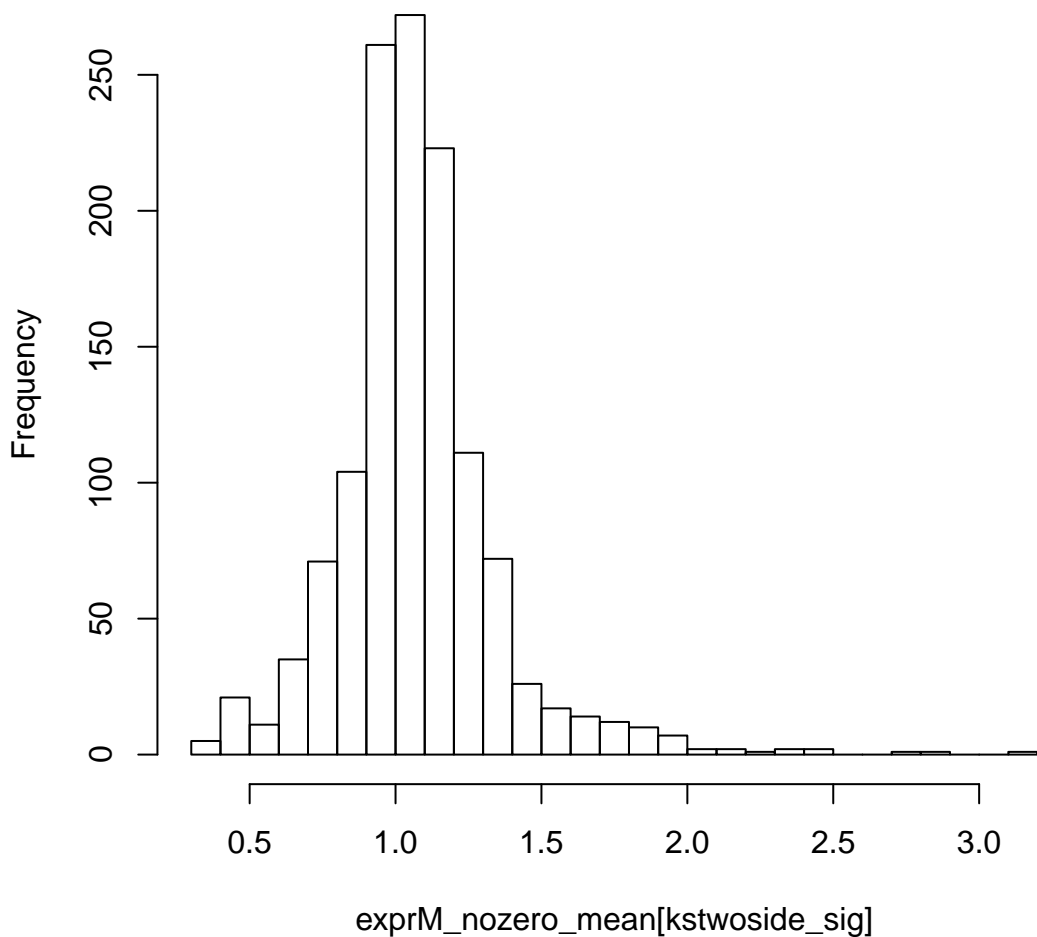




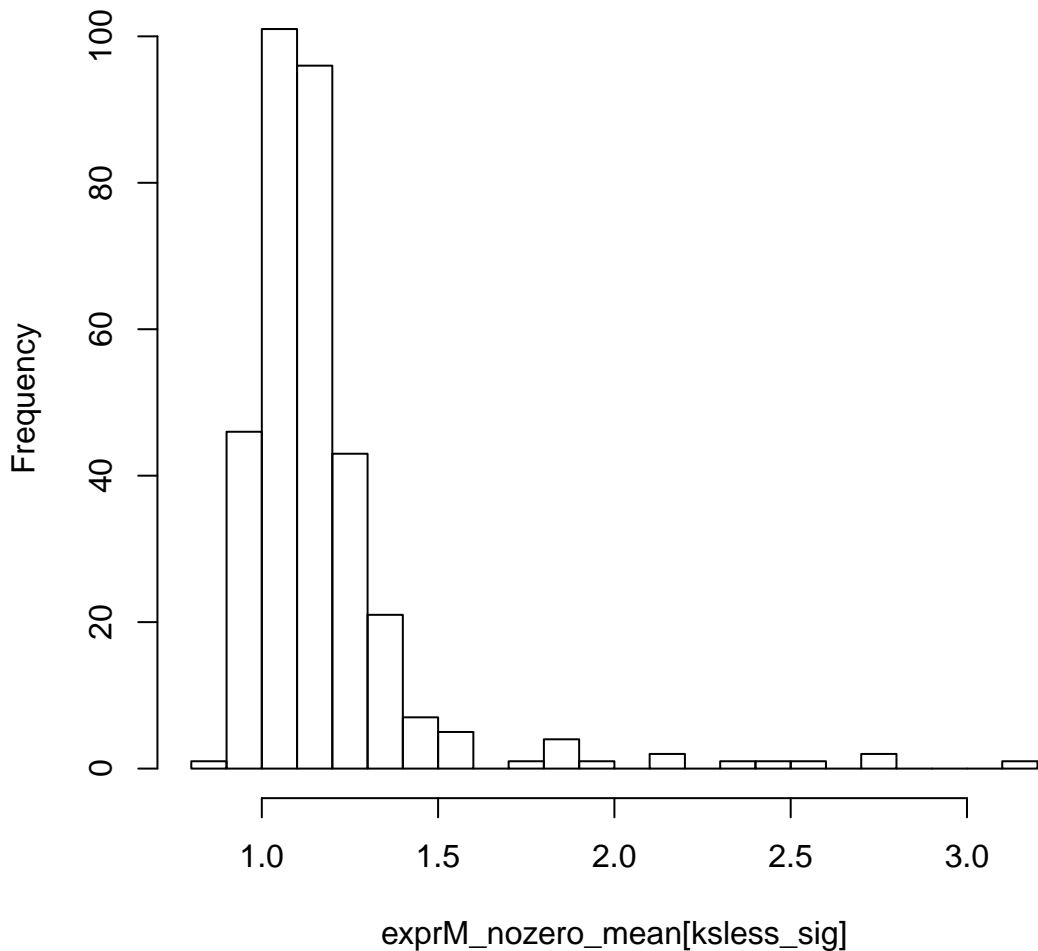
# median of nozero log-express of genes,ks no sig



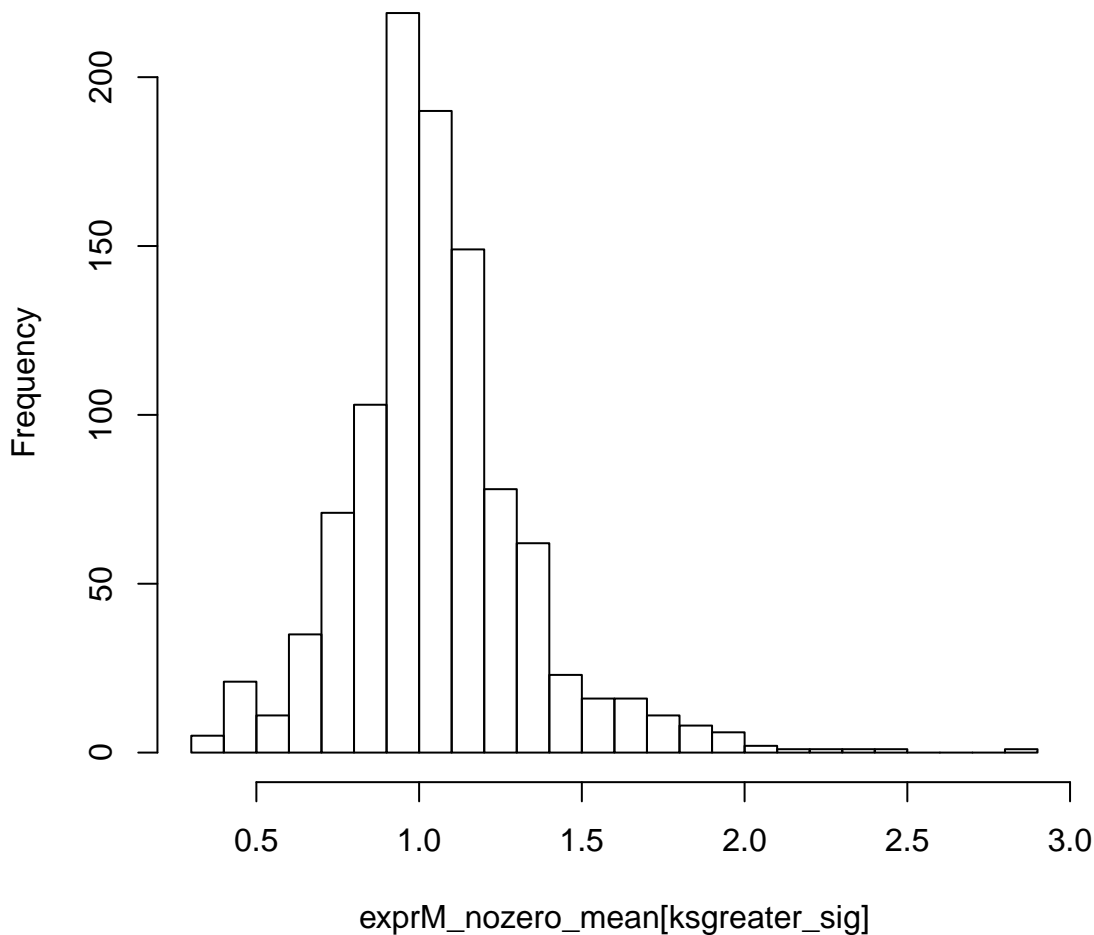
# mean of nozero log-express of genes, kstwside sig



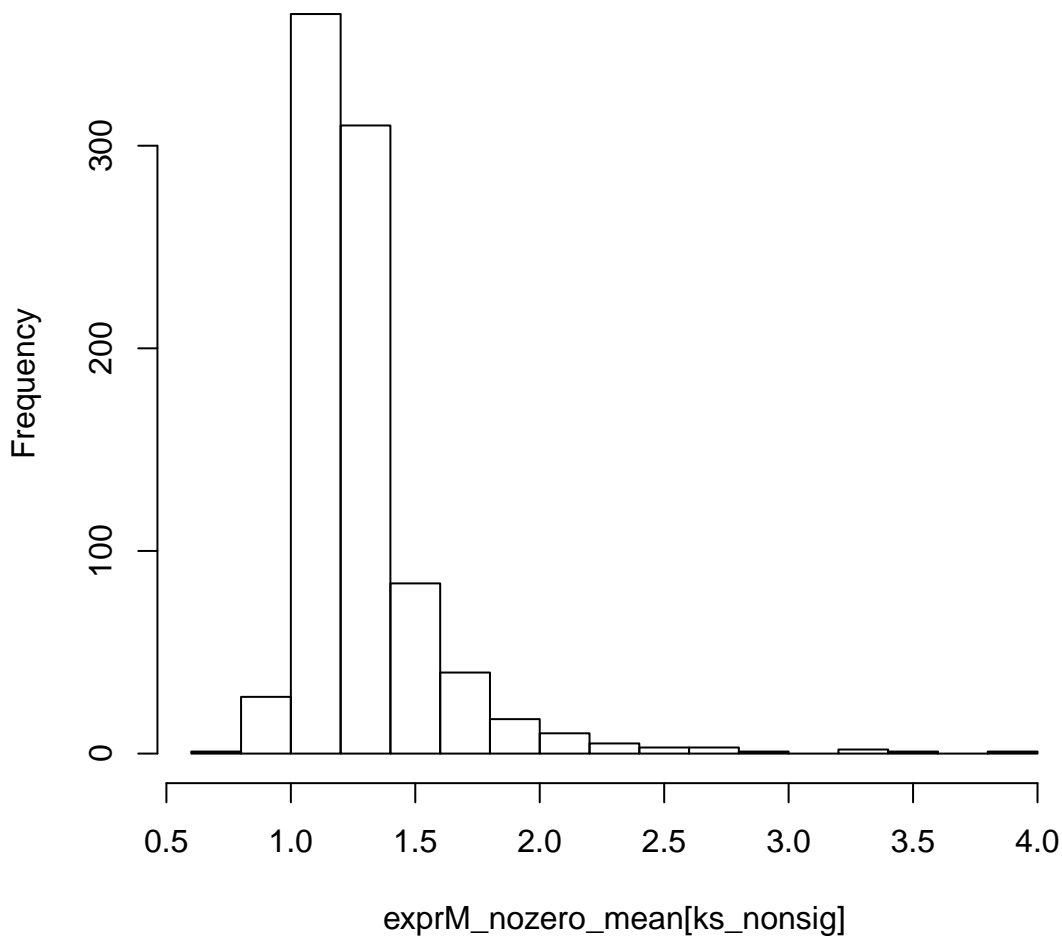
# mean of nozero log-express of genes, ksless sig



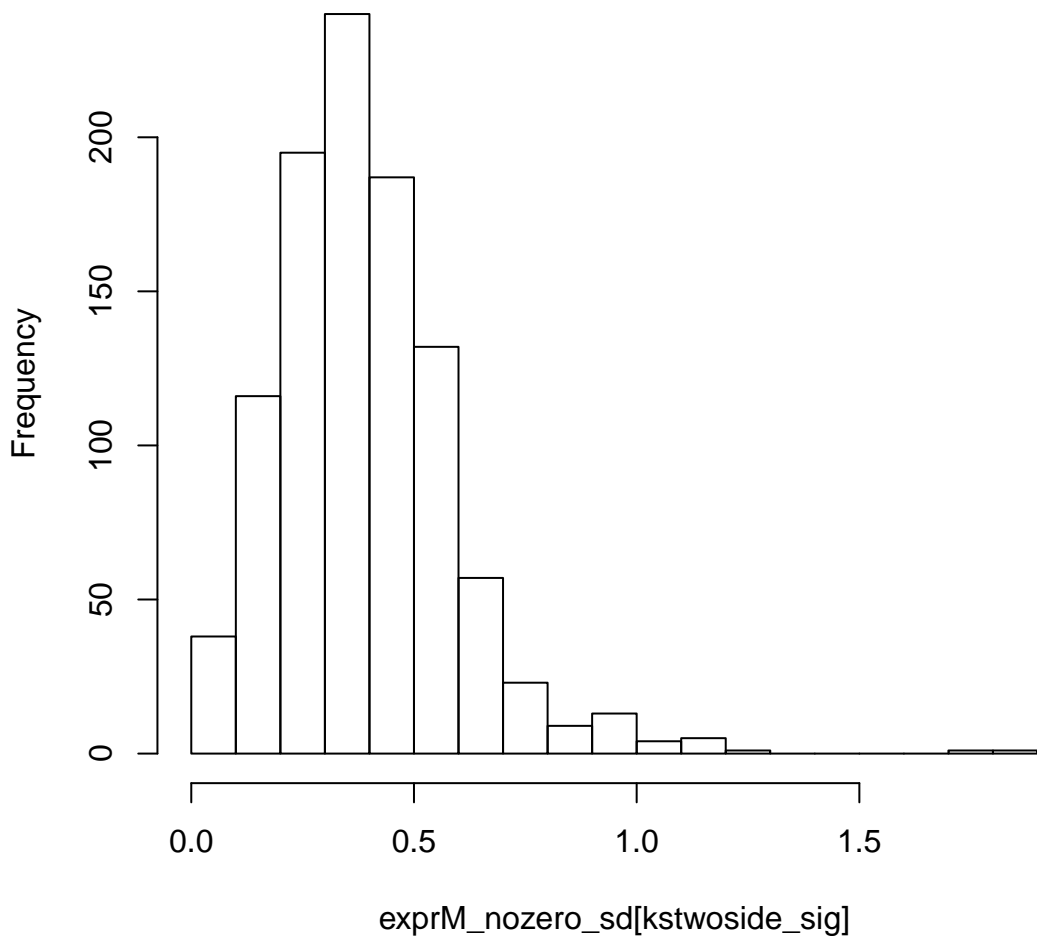
# mean of nozero log-express of genes,ksgreater sig



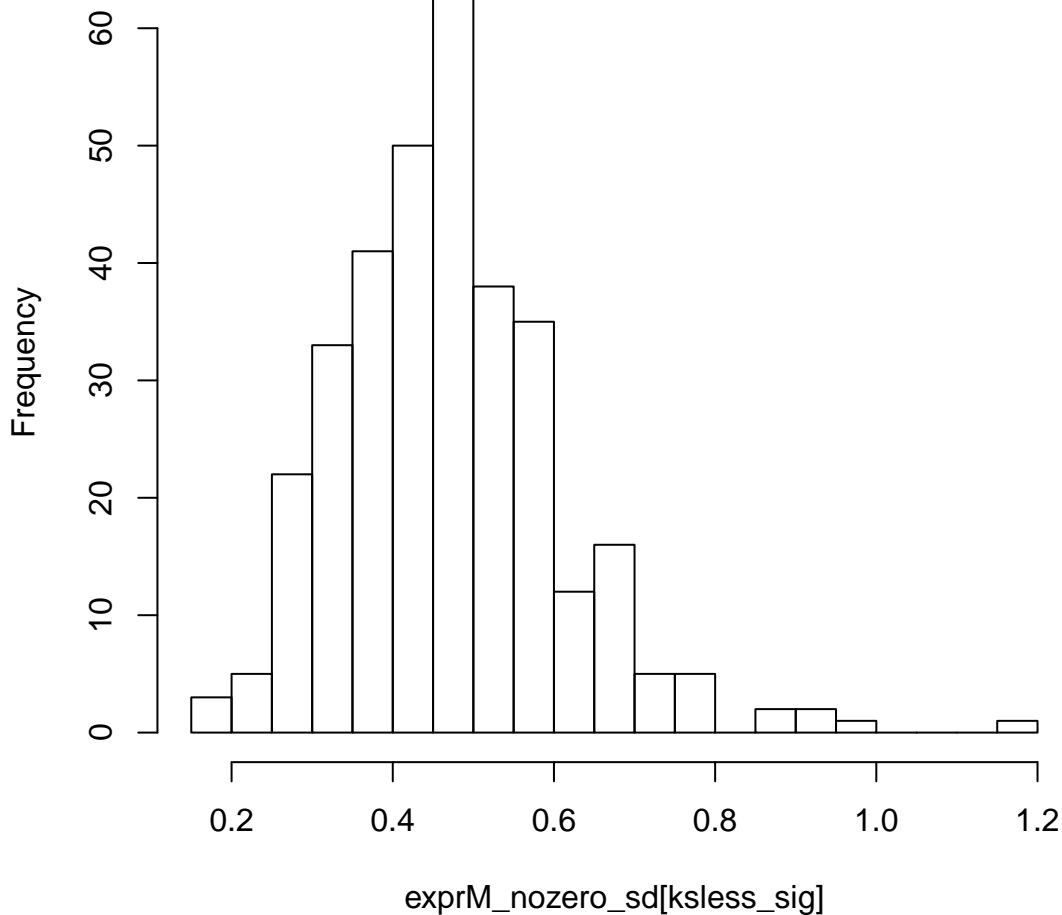
# mean of nozero log-express of genes,ks no sig



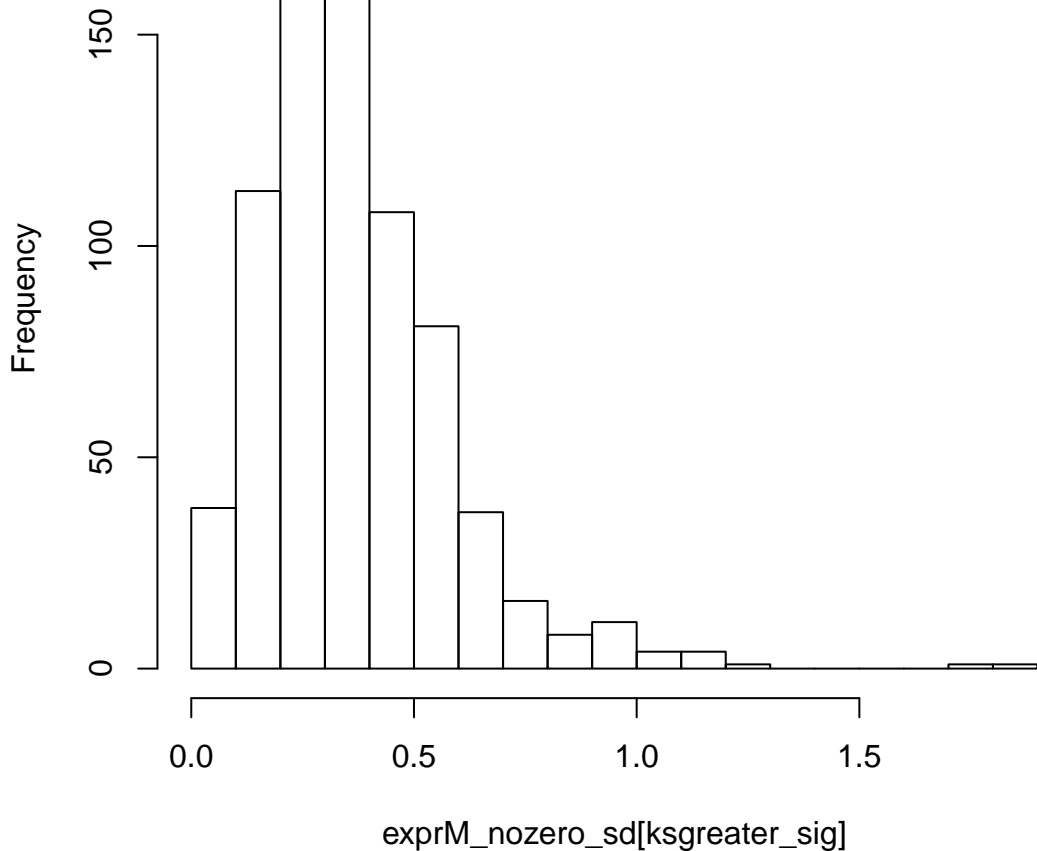
# sd of nozero log-express of genes, kstwoside sig



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

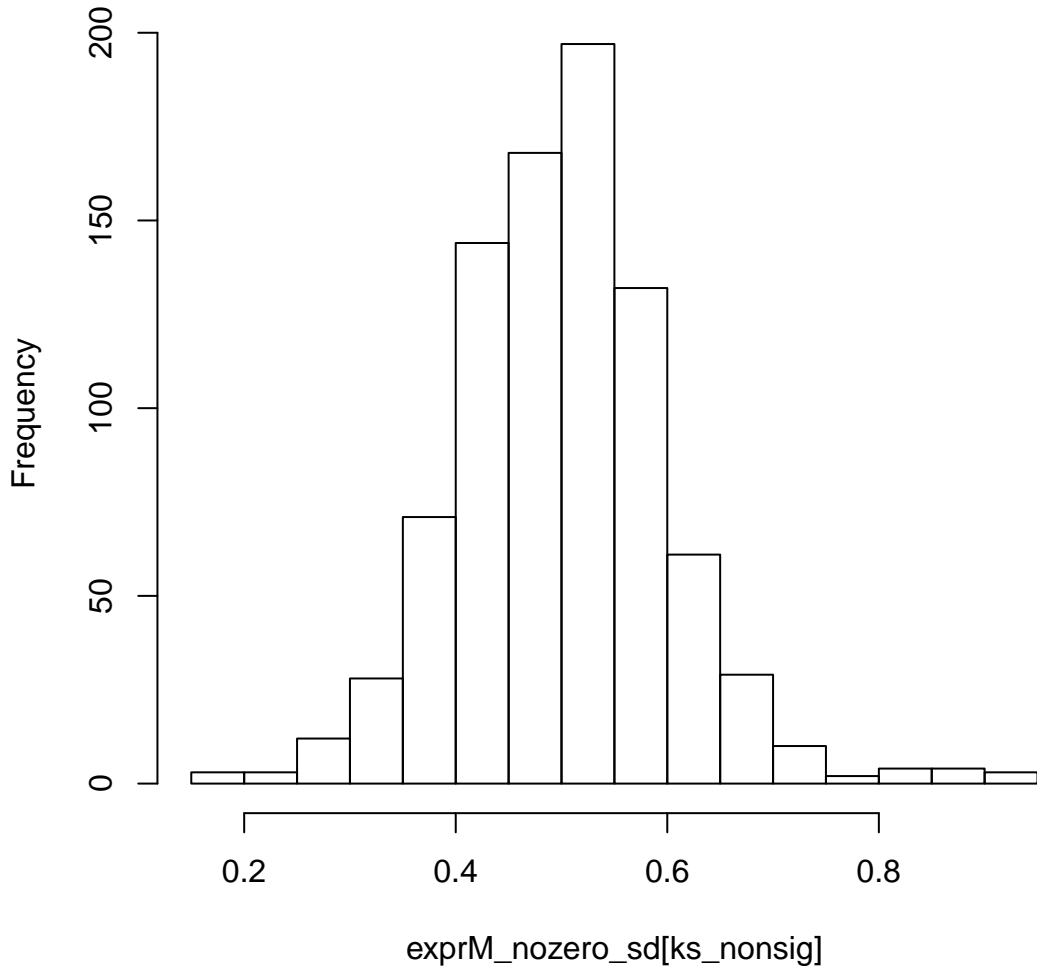


# sd of nozero log-express of genes,ksgreater sig

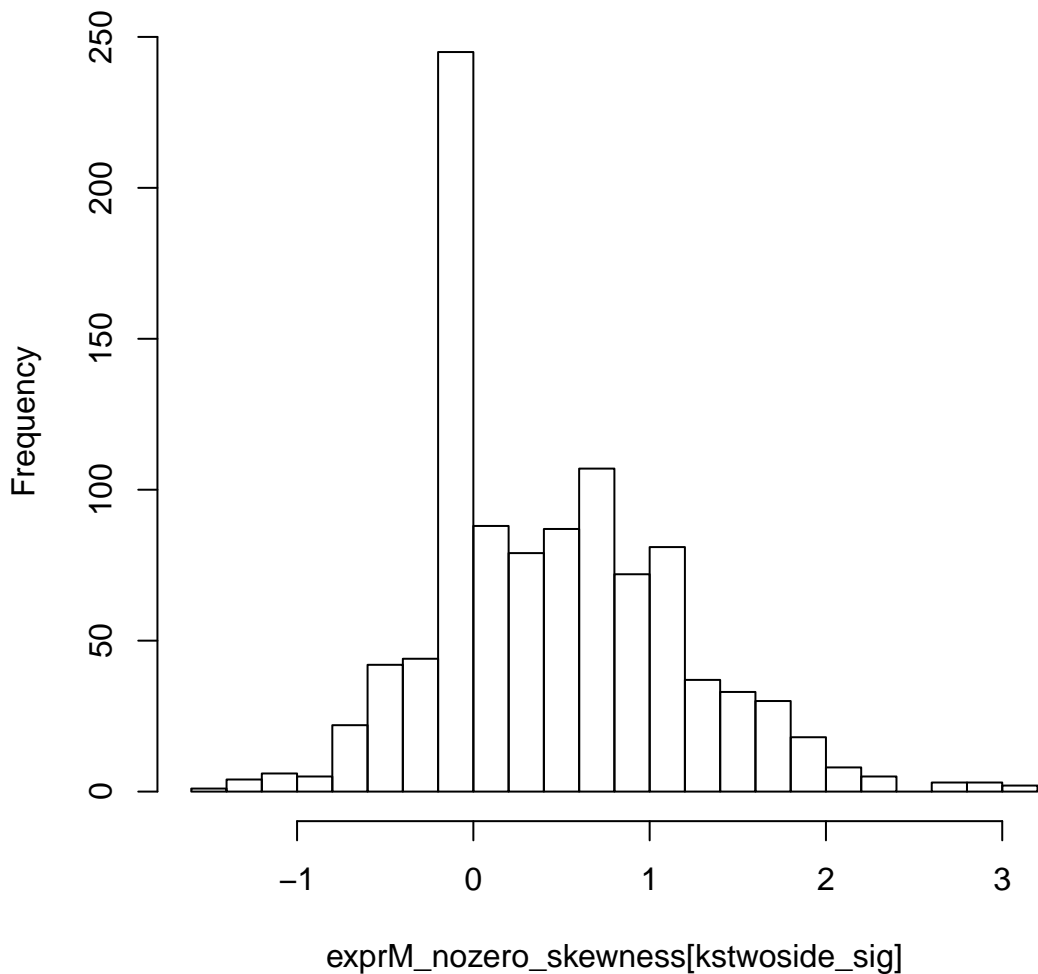




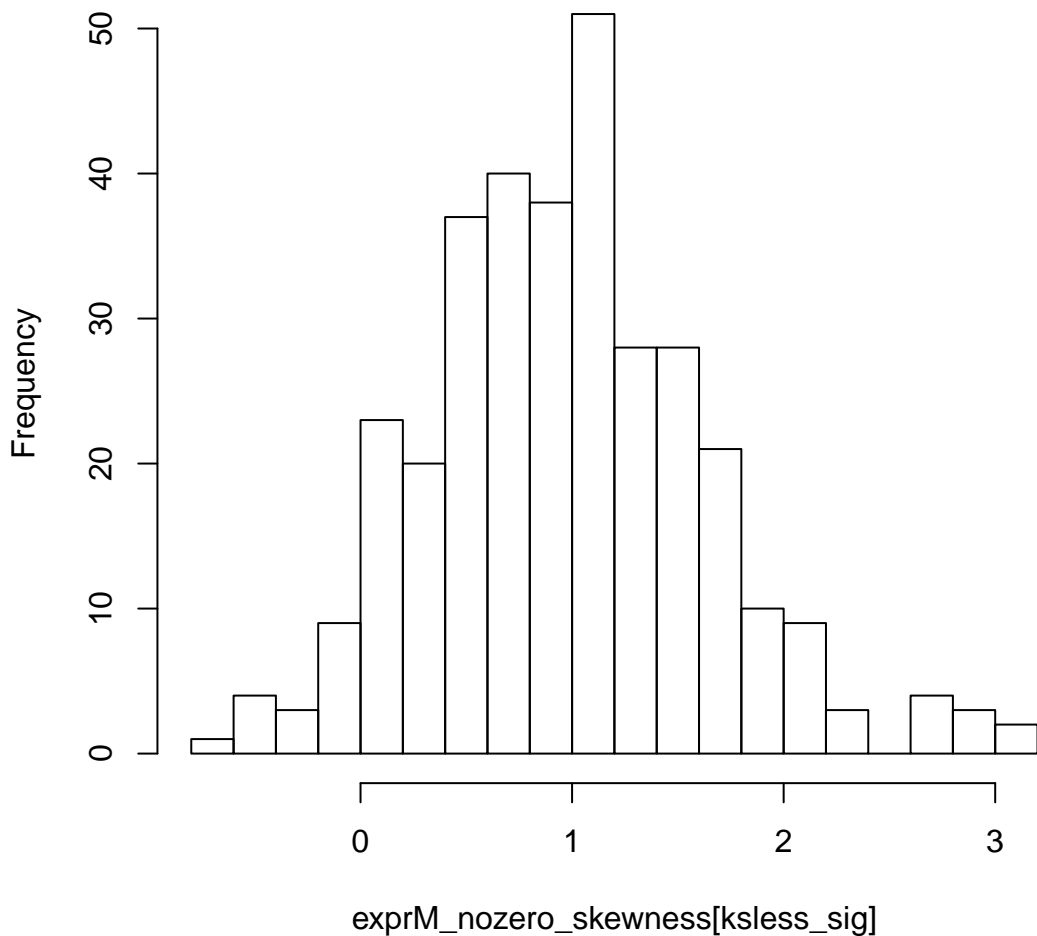
# sd of nozero log-express of genes,ks no sig



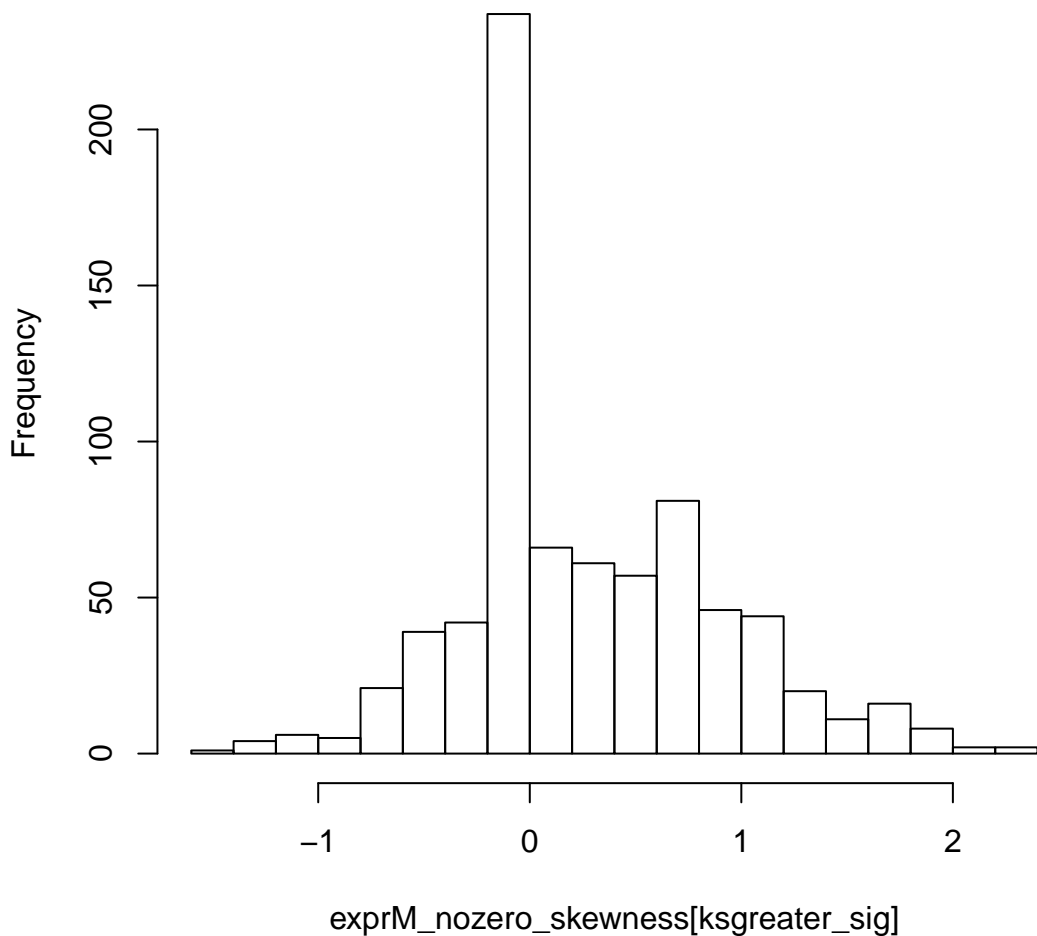
# skewness of nozero log-express of genes, kstvoside sig



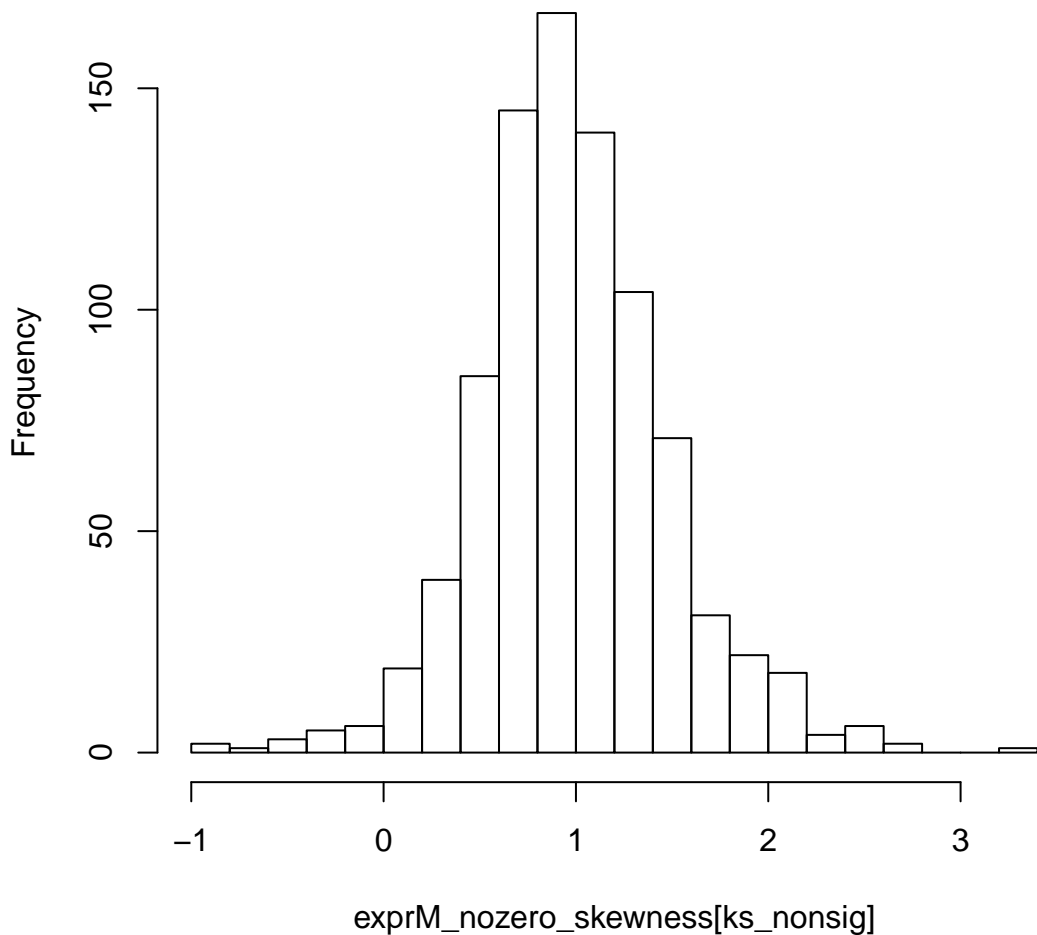
# skewness of nozero log-express of genes, ksless sig



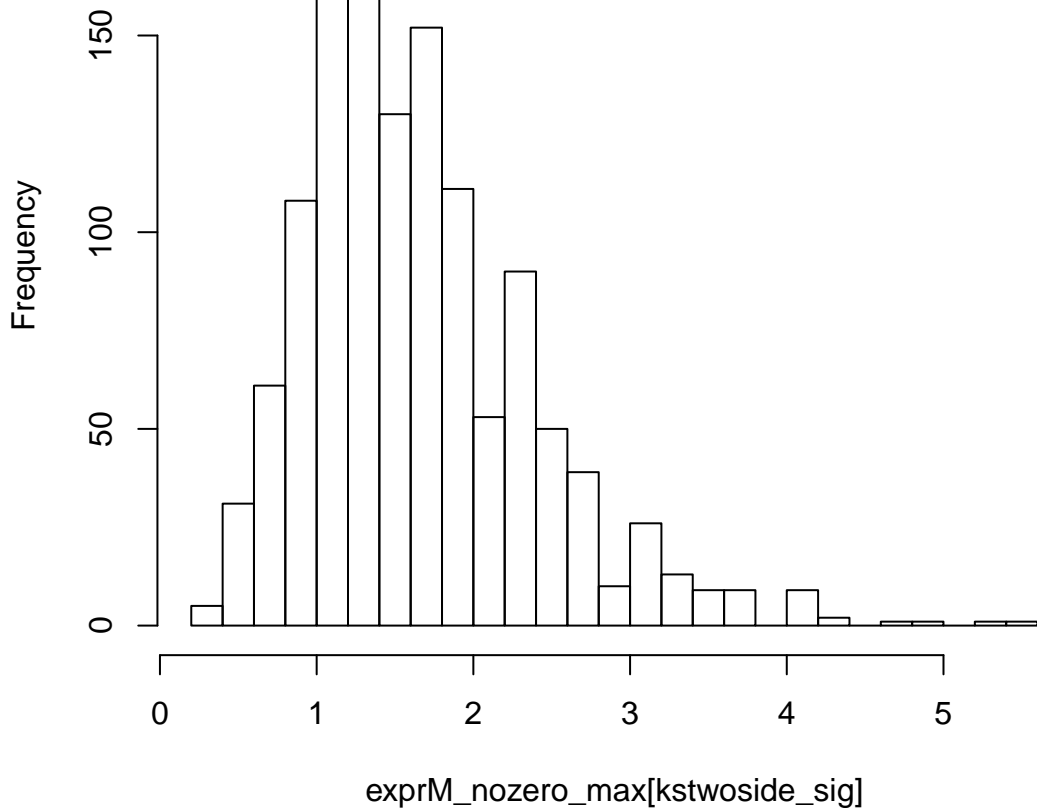
# skewness of nozero log-express of genes,ksgreater sig



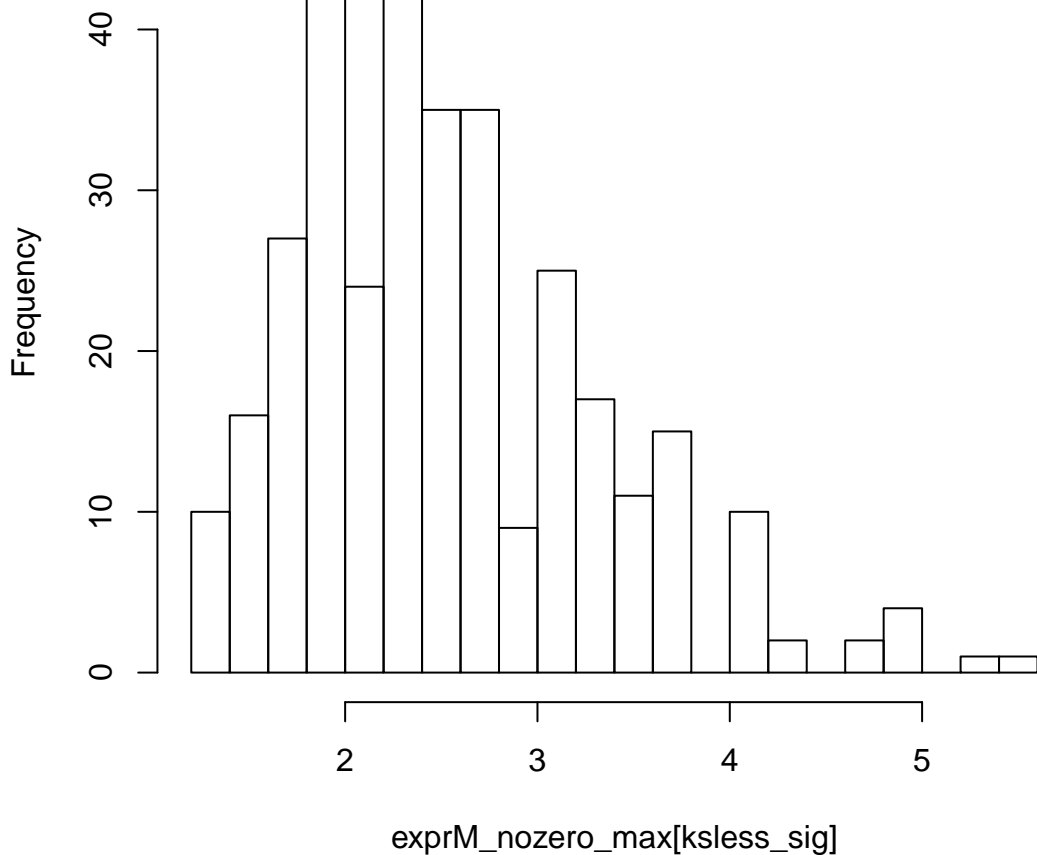
# skewness of nozero log-express of genes,ks no sig



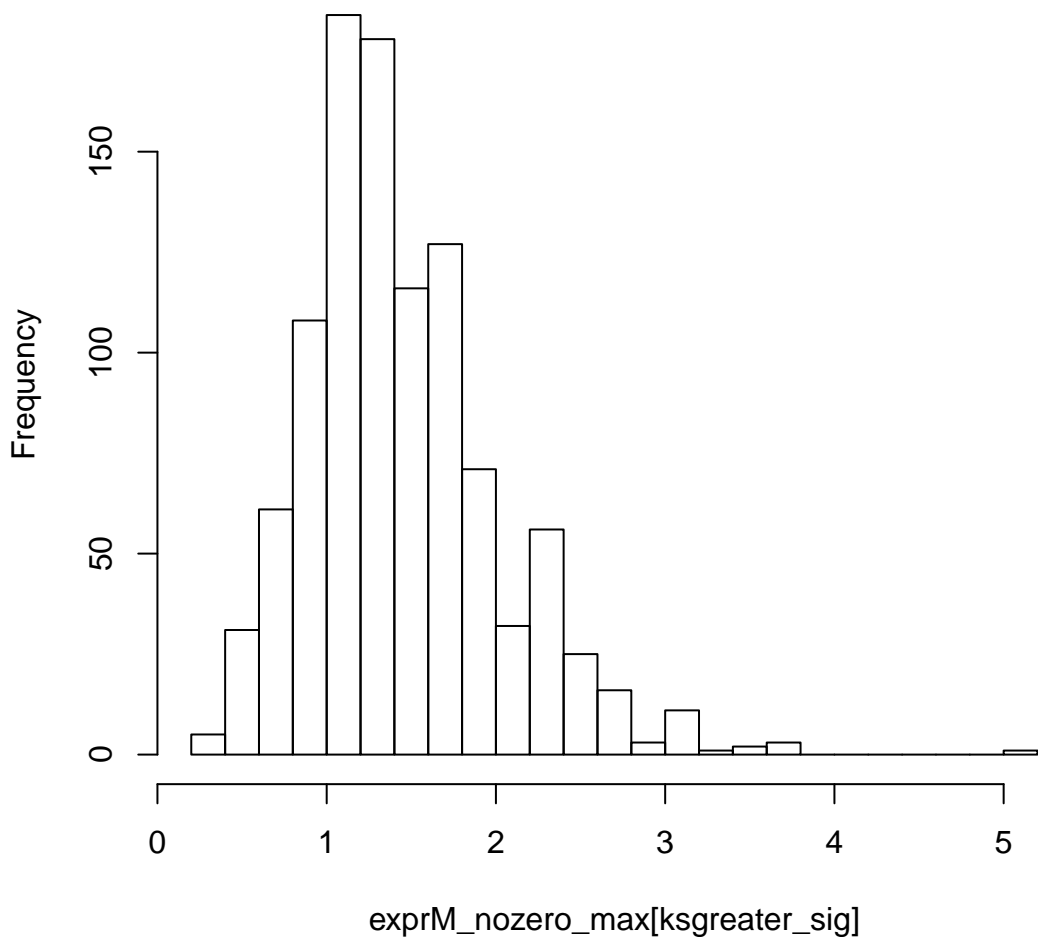
# max of nozero log-express of genes, kstwo side sig



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

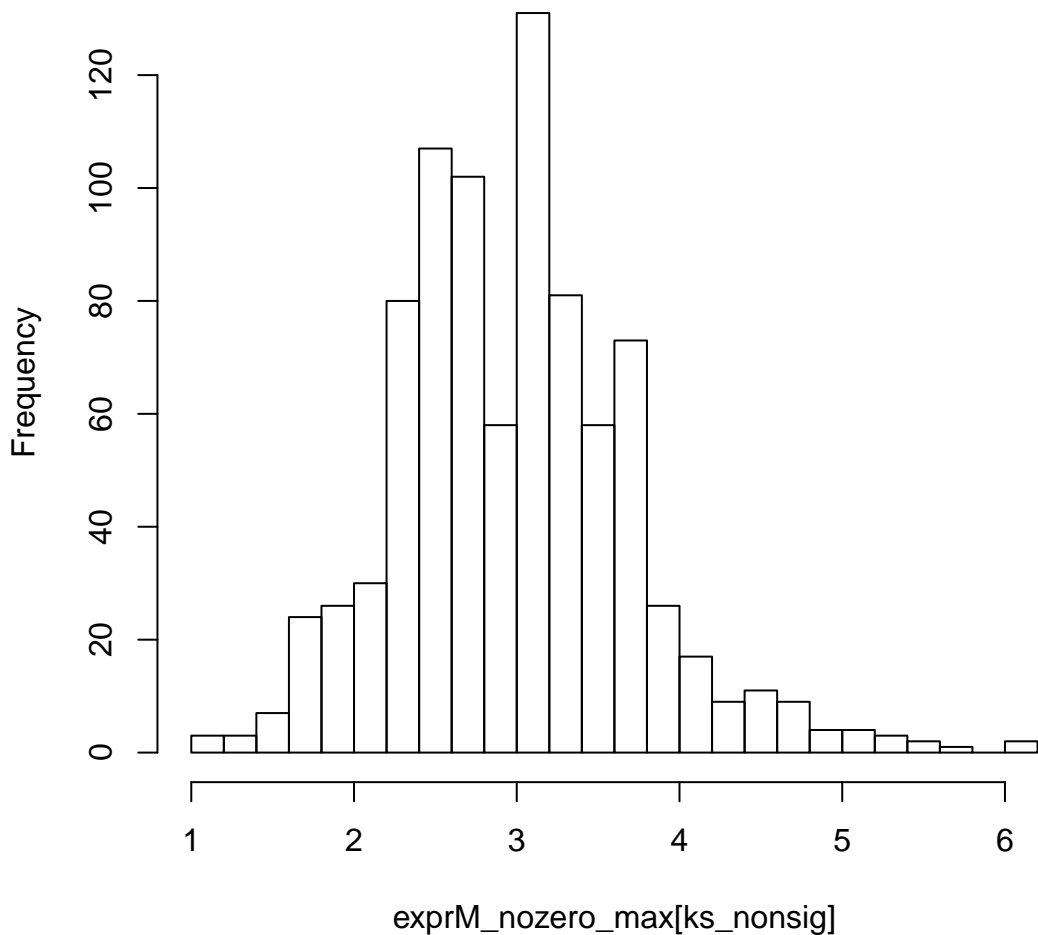


# max of nozero log-express of genes,ksgreater sig

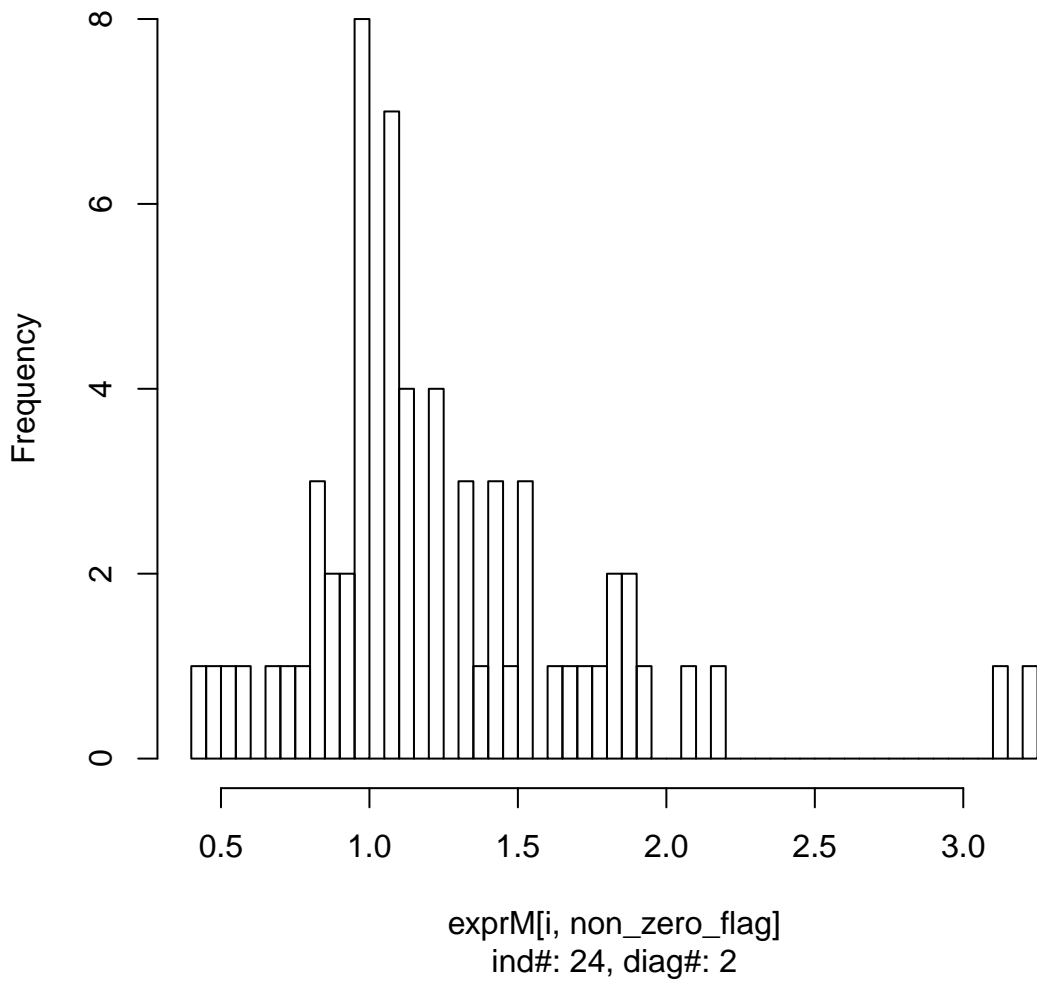




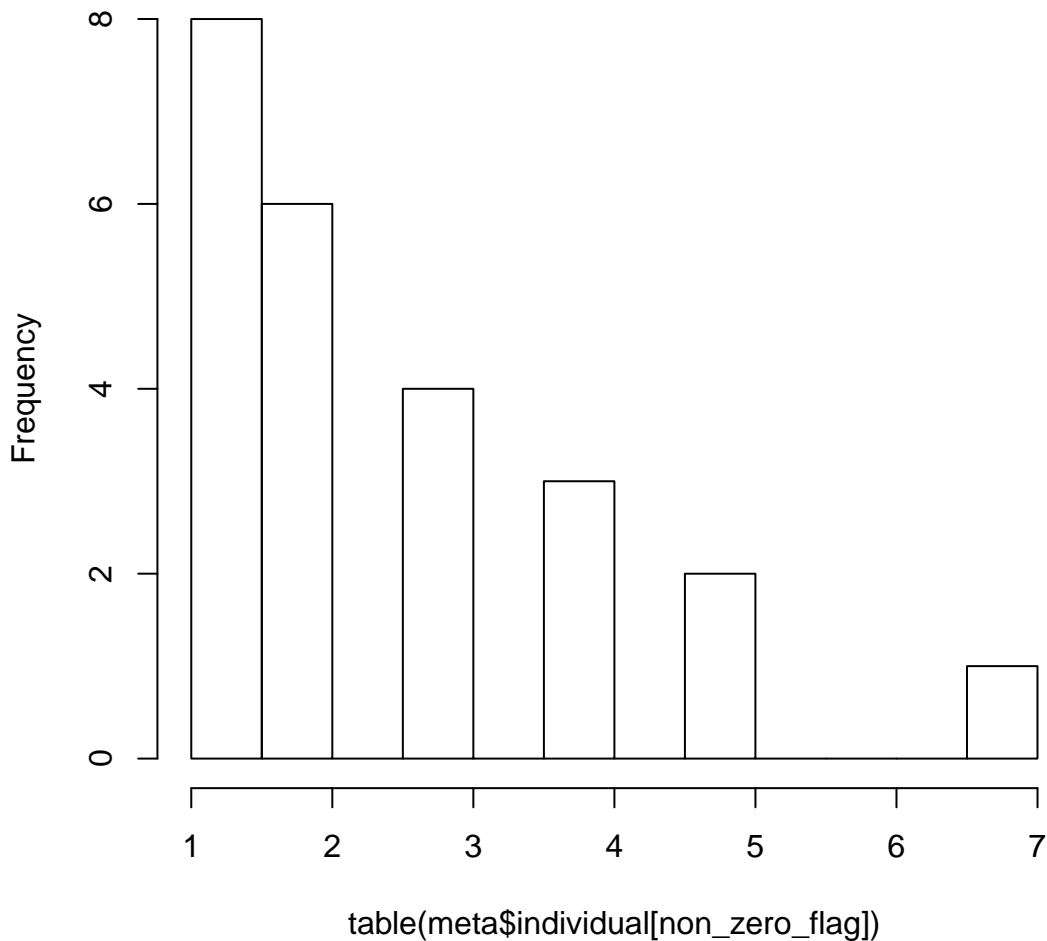
# max of nozero log-express of genes,ks no sig



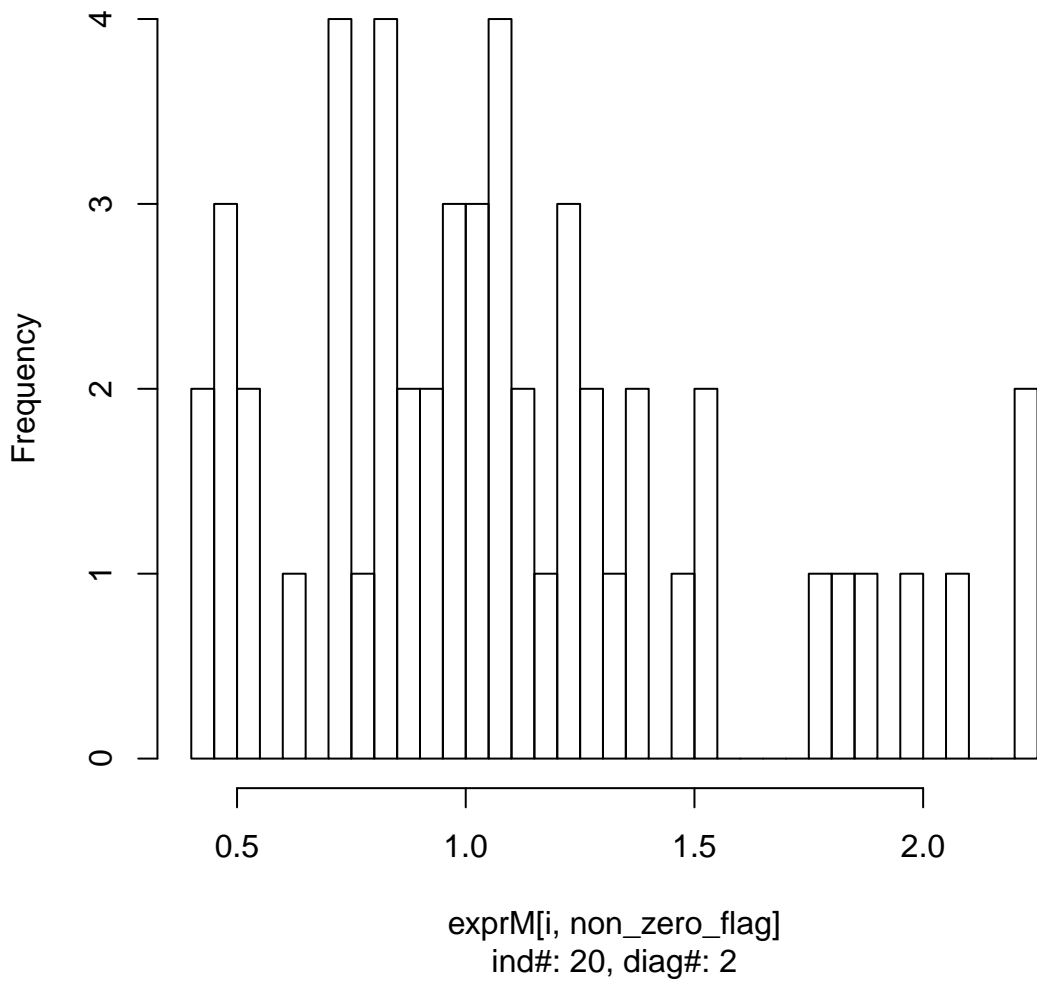
less sig: log expression of gene#15, pval ob=0.8282, non-zero n



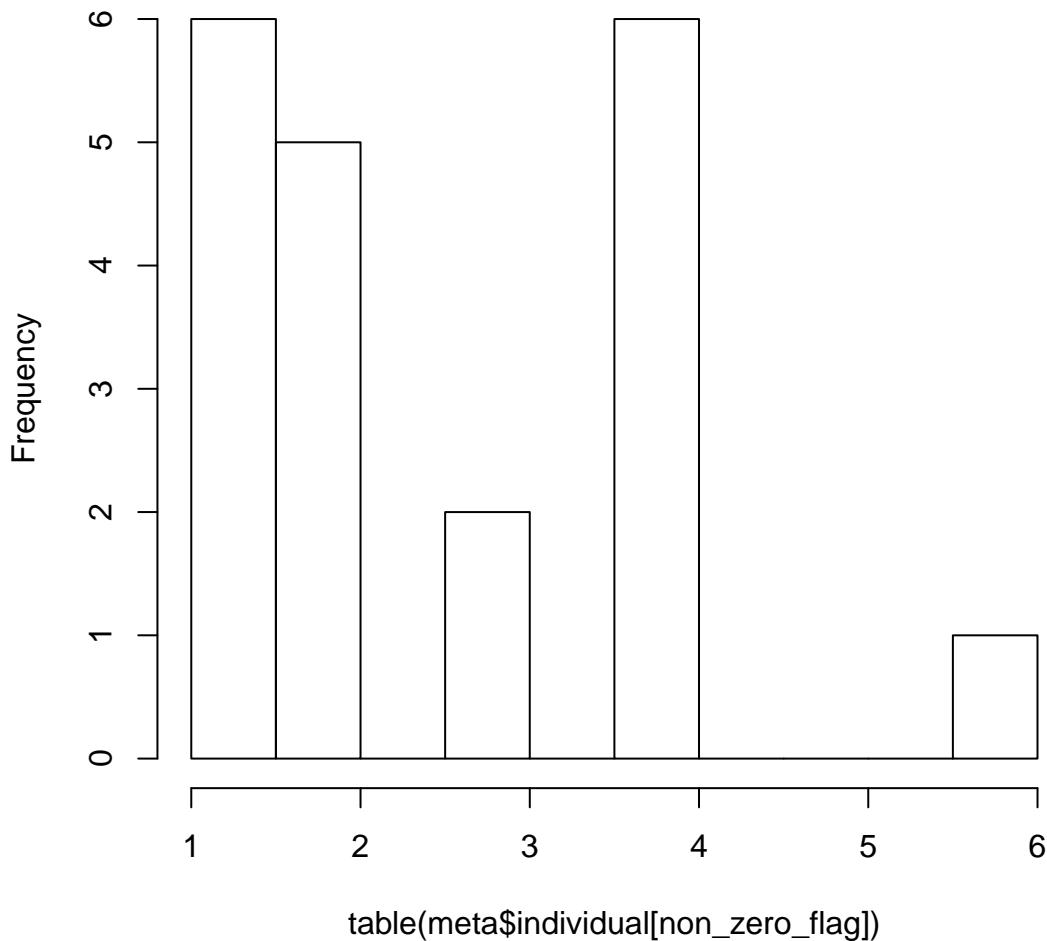
# KSless sig: individual expression cell count of gene#15



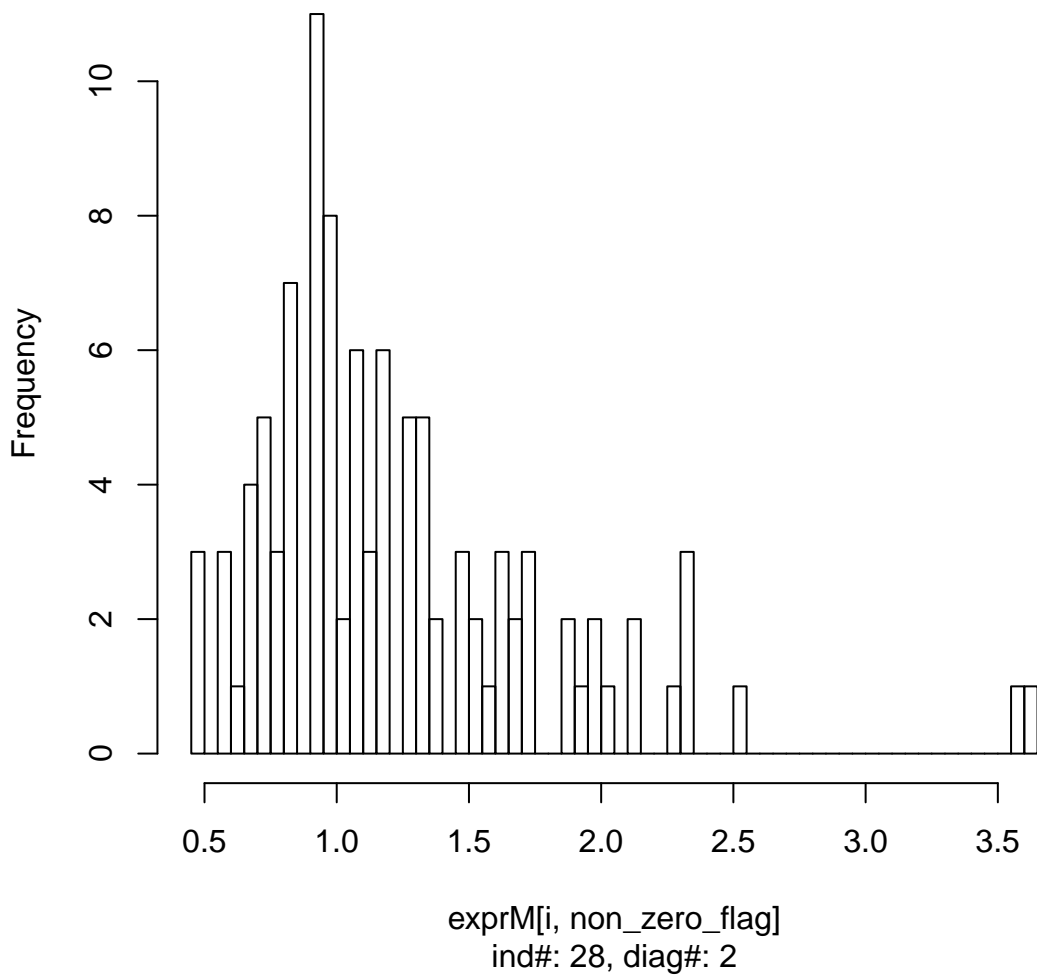
less sig: log expression of gene#27, pval ob=0.0691, non-zero n



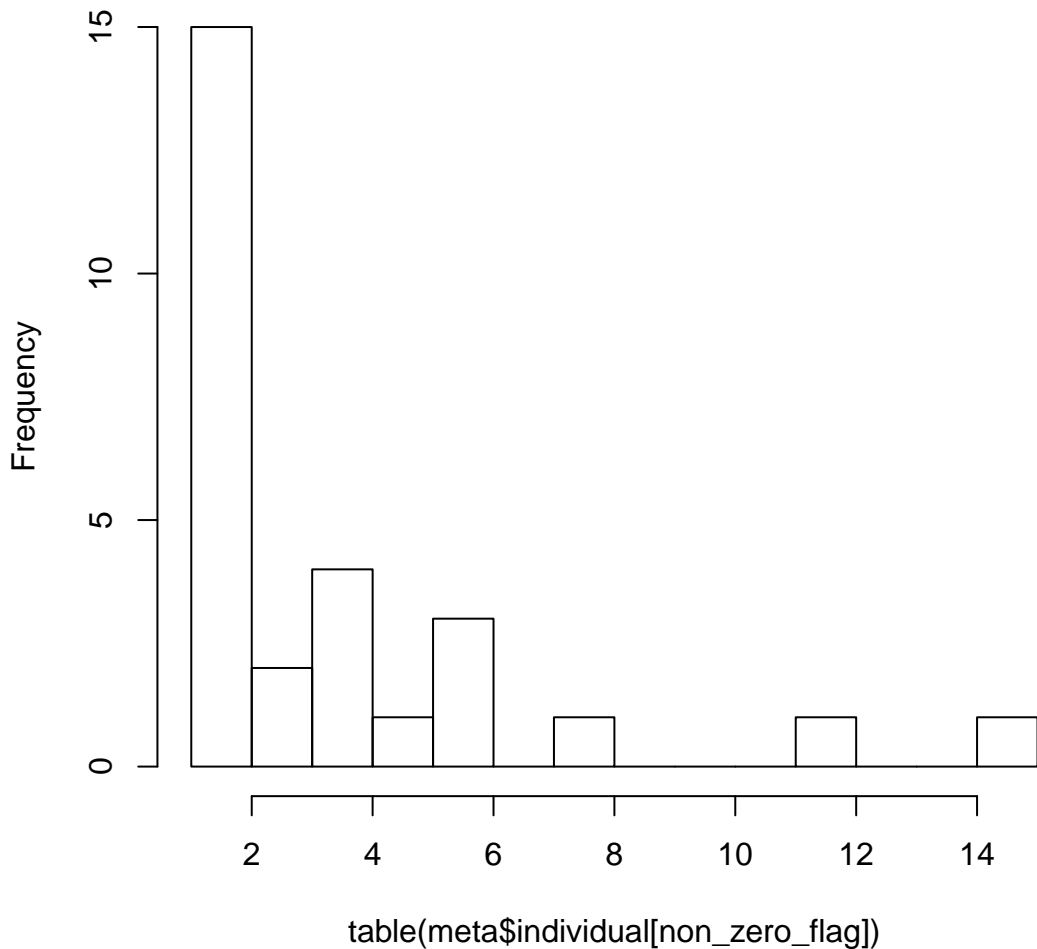
# KSless sig: individual expression cell count of gene#27



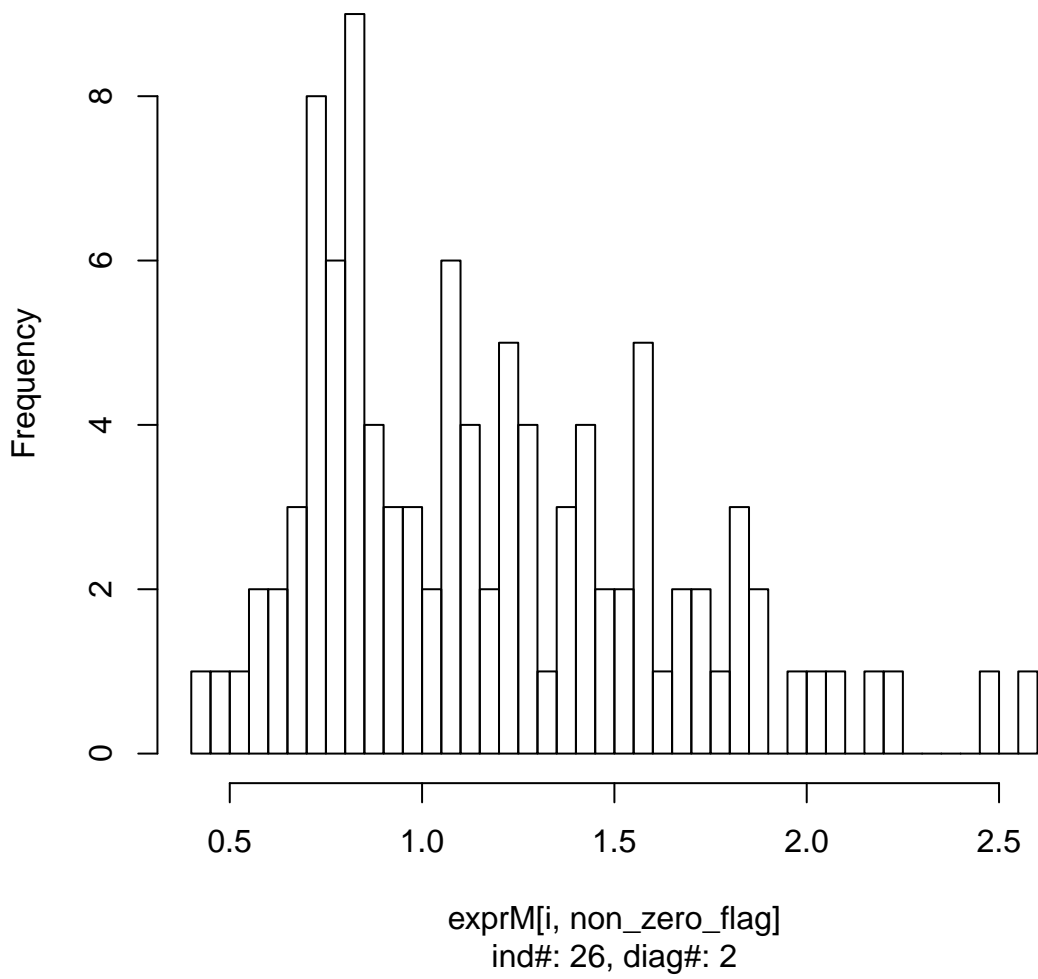
less sig: log expression of gene#36, pval ob=0.6471, non-zero nu



# KSless sig: individual expression cell count of gene#36

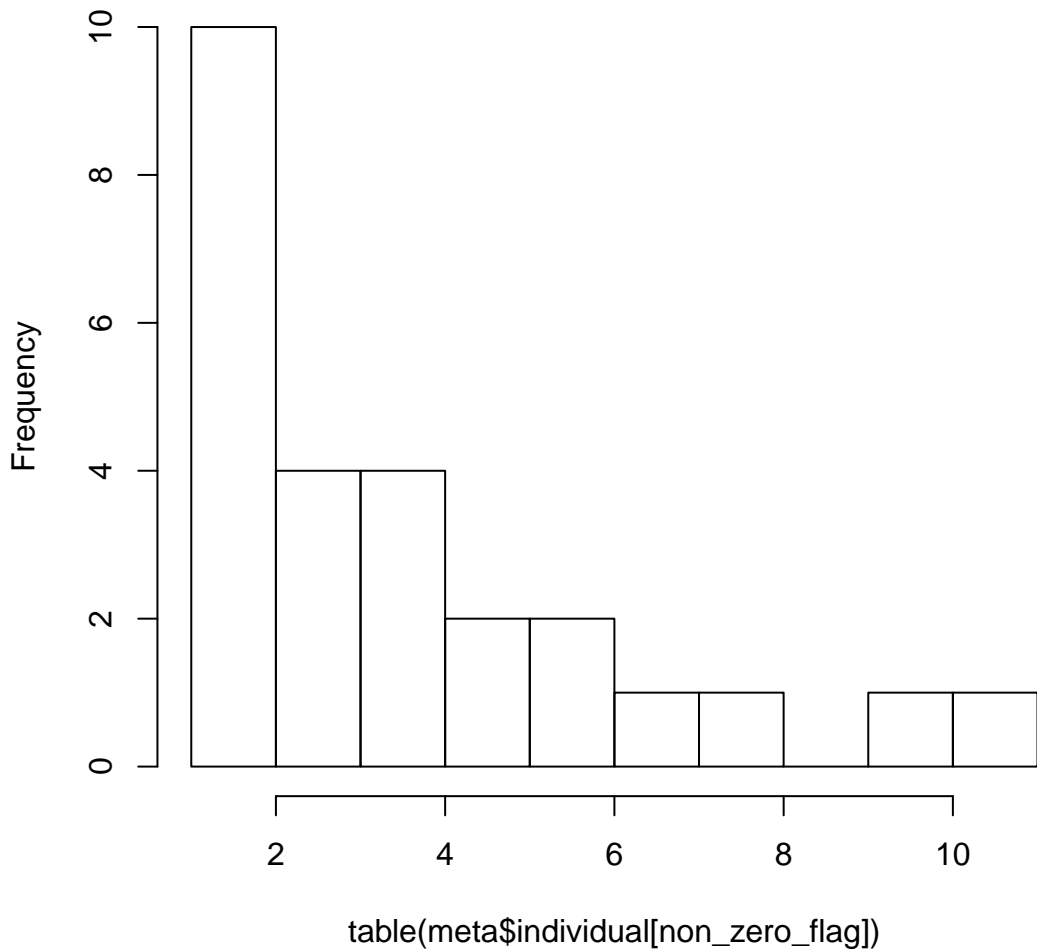


less sig: log expression of gene#39, pval ob=0.7403, non-zero nu

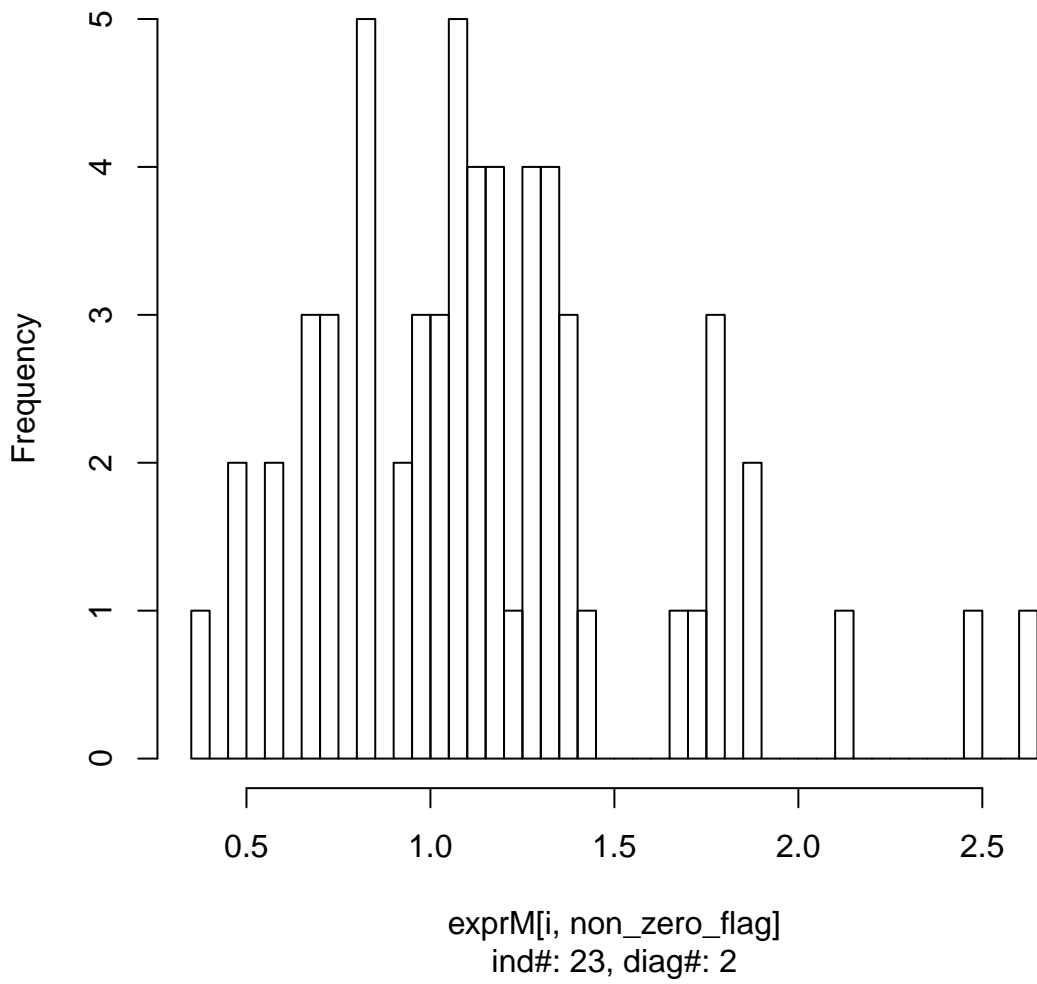




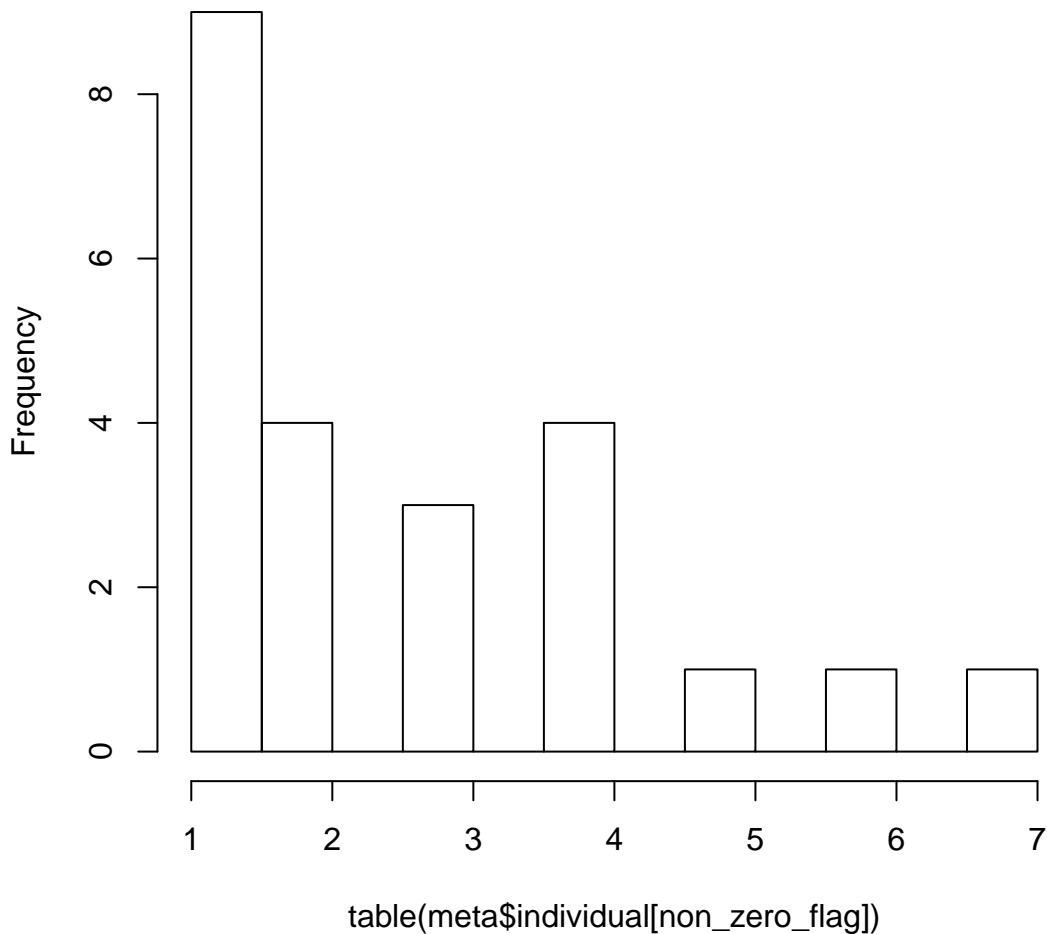
# KSless sig: individual expression cell count of gene#39



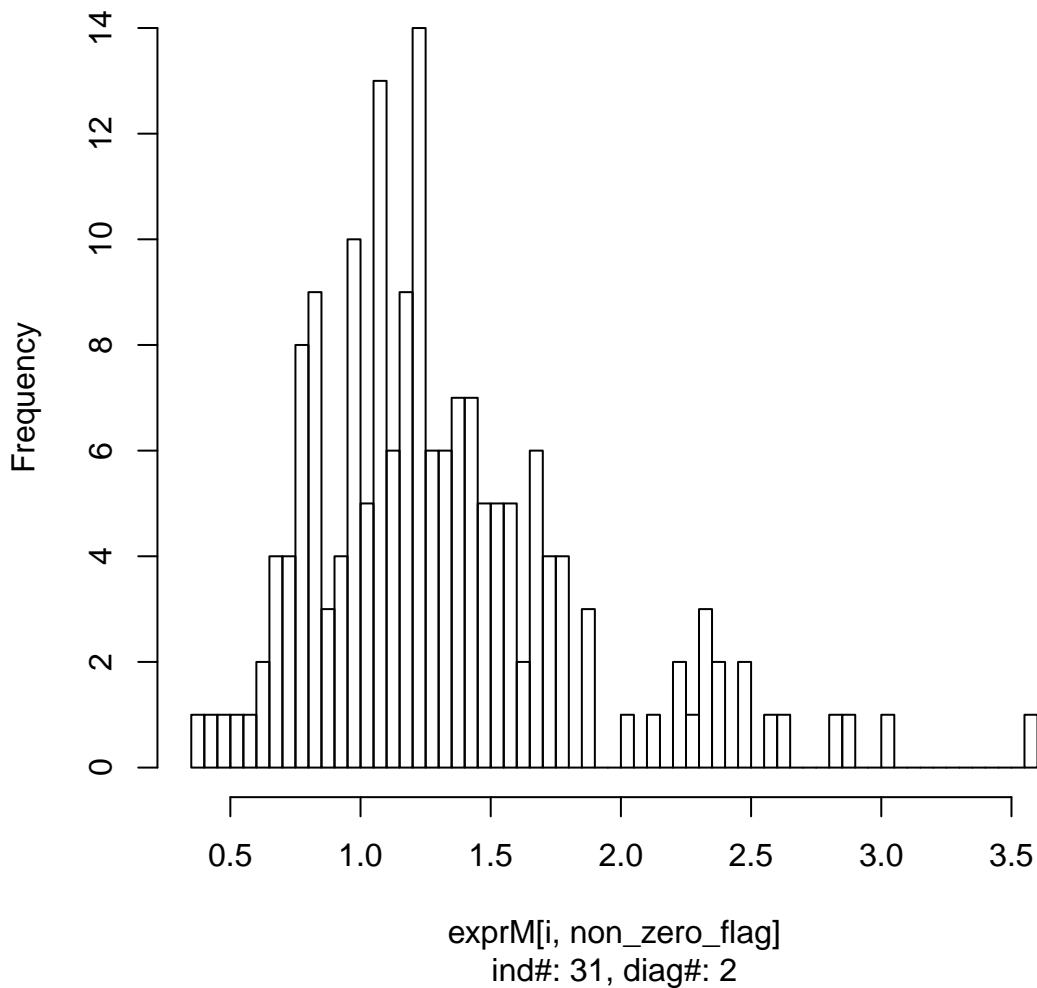
less sig: log expression of gene#67, pval ob=0.4649, non-zero n



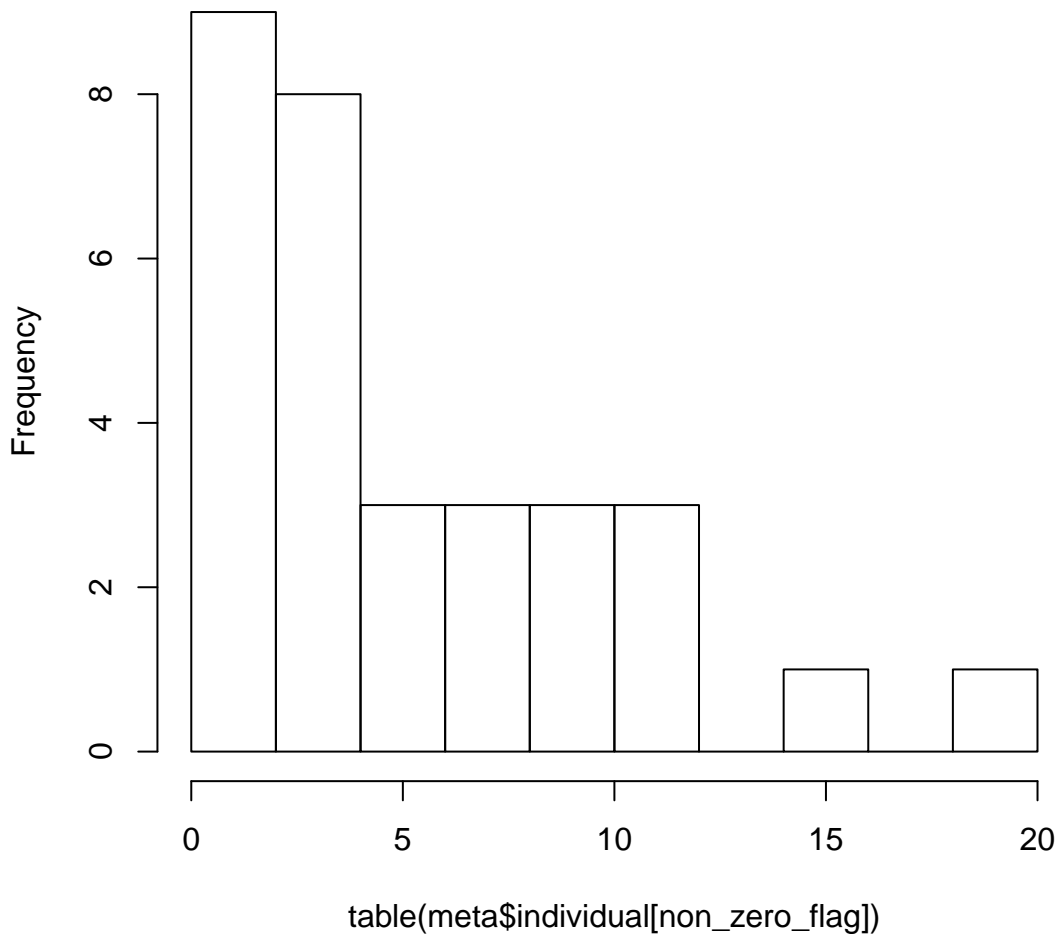
# KSless sig: individual expression cell count of gene#67



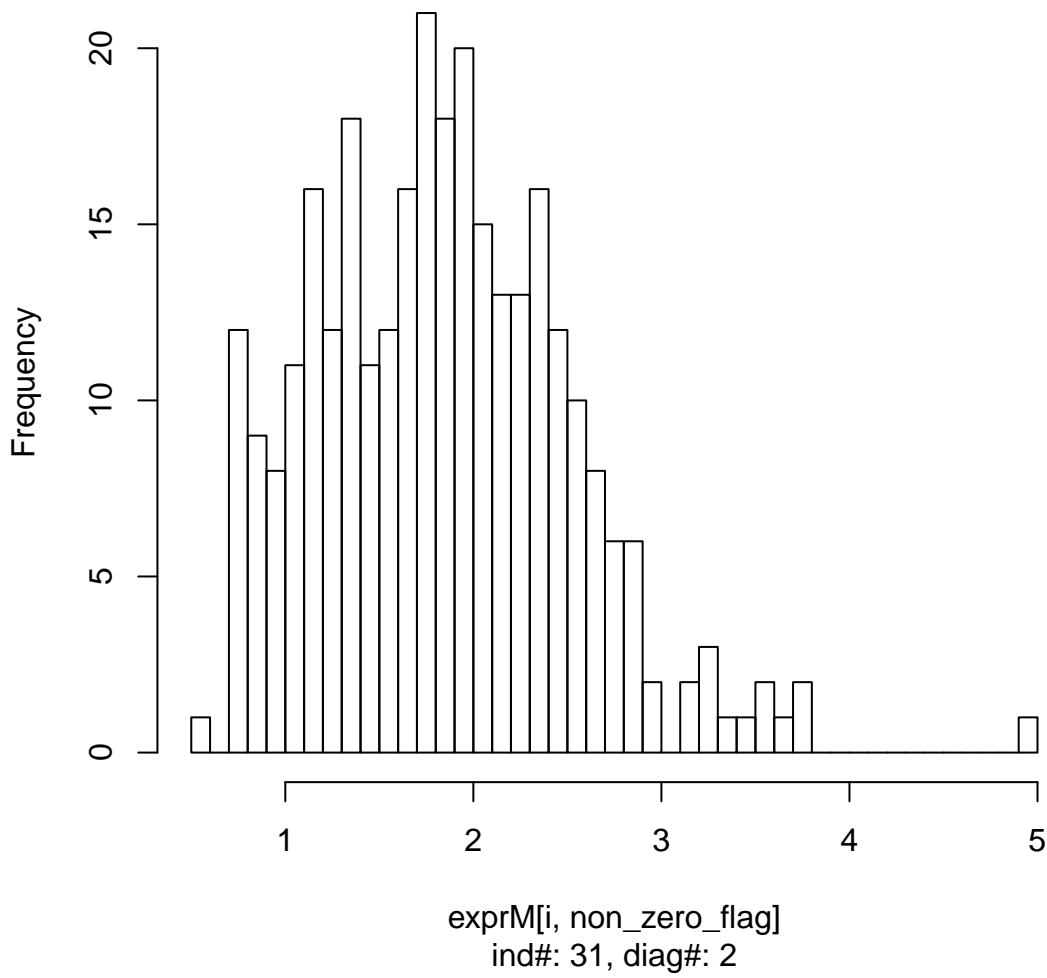
less sig: log expression of gene#77, pval ob=0.7937, non-zero nu



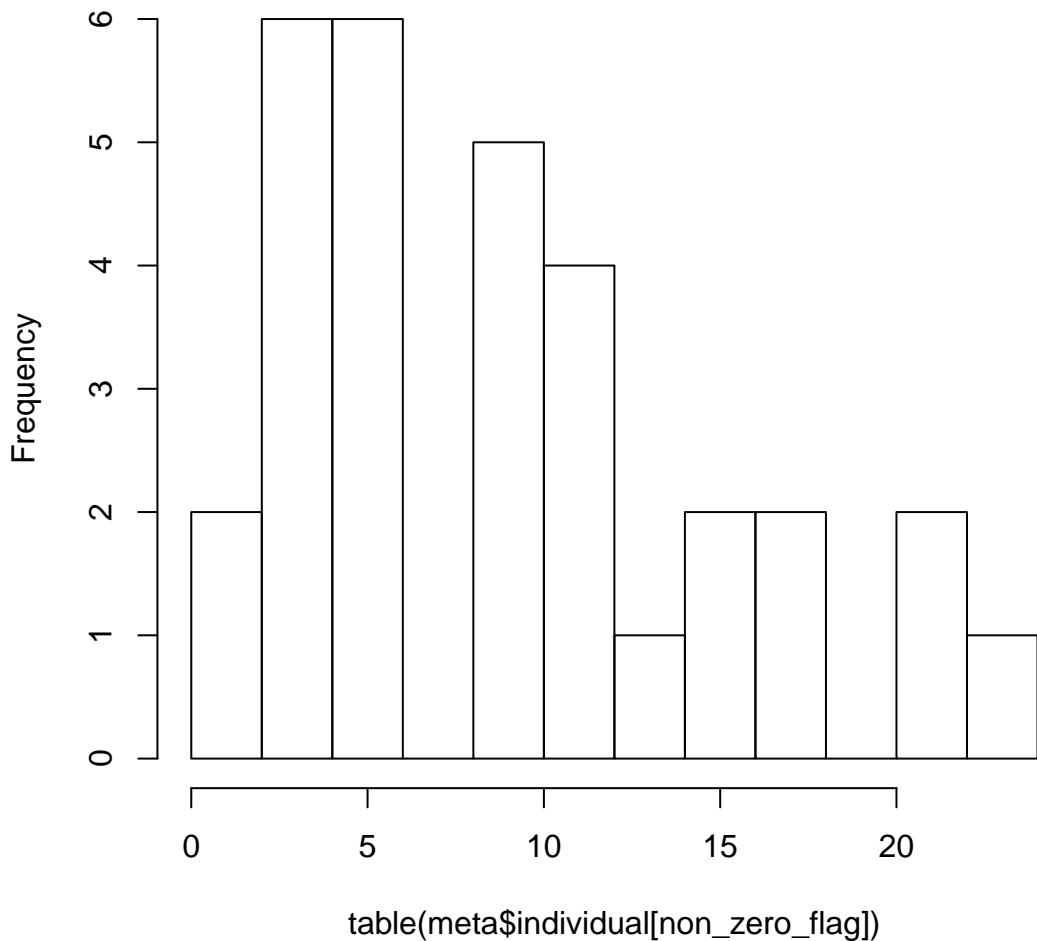
# KSless sig: individual expression cell count of gene#77



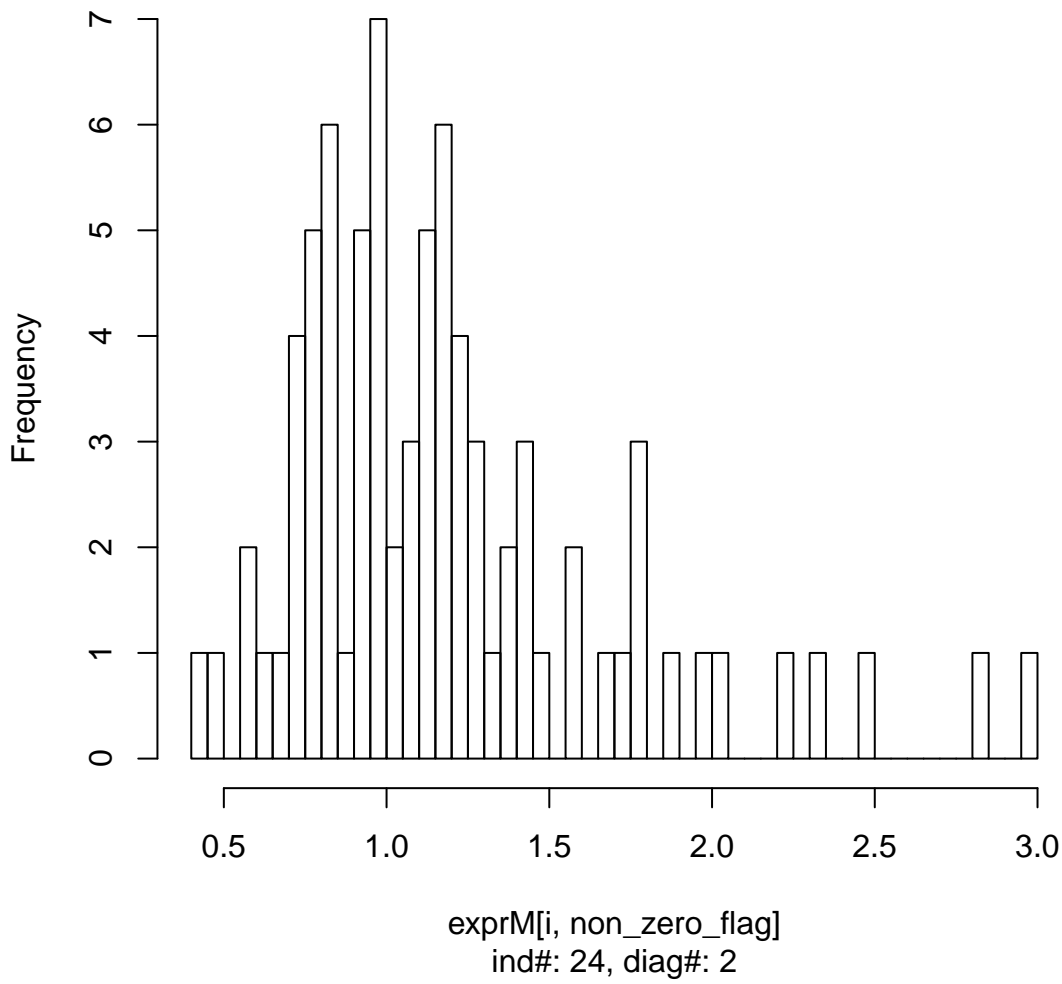
less sig: log expression of gene#104, pval ob=0.1902, non-zero n



# KSless sig: individual expression cell count of gene#104

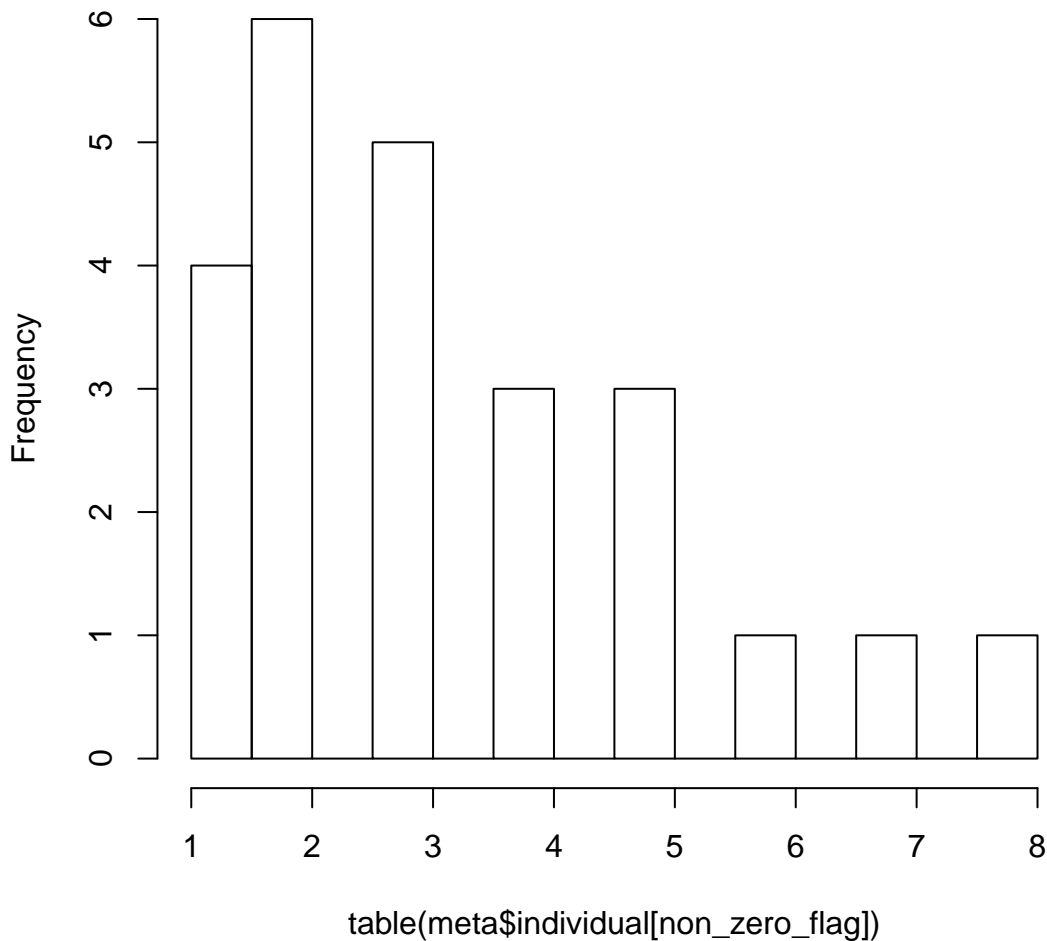


less sig: log expression of gene#135, pval ob=0.4359, non-zero n

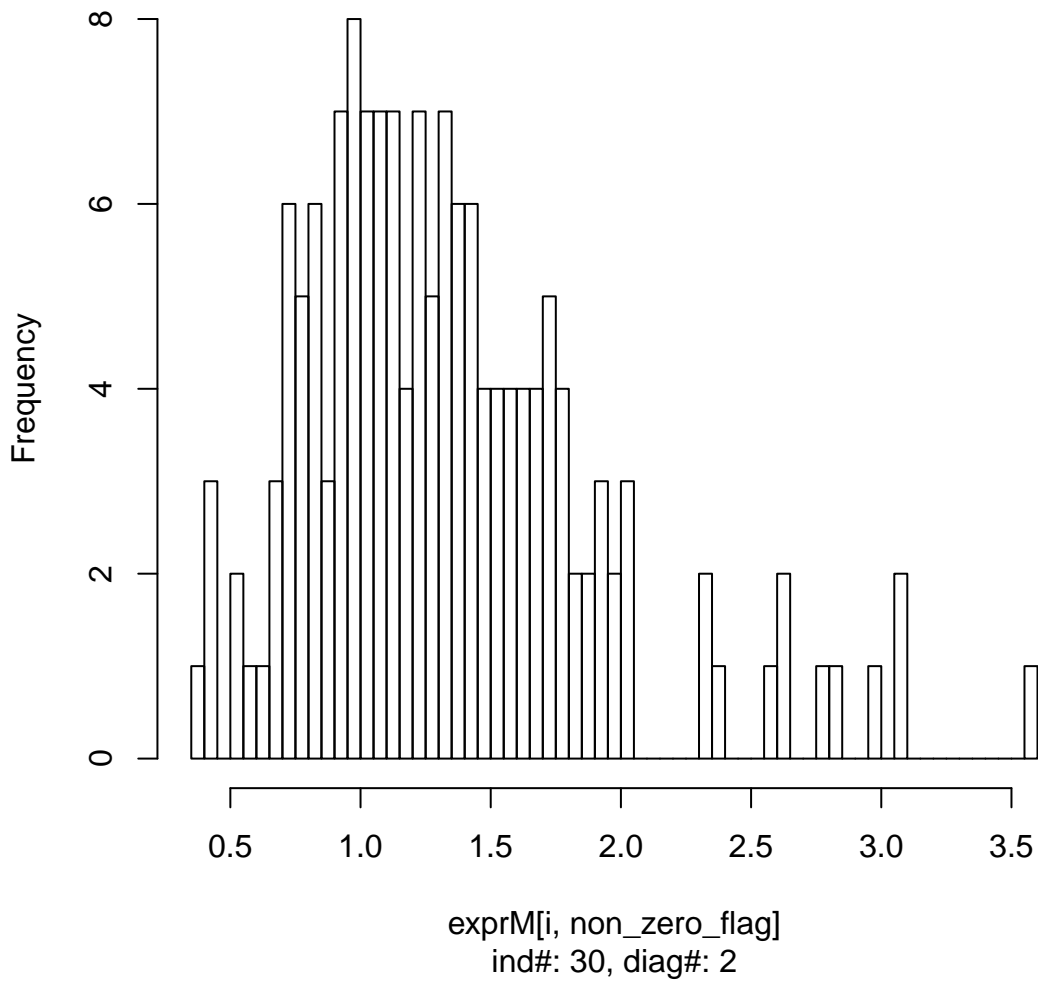




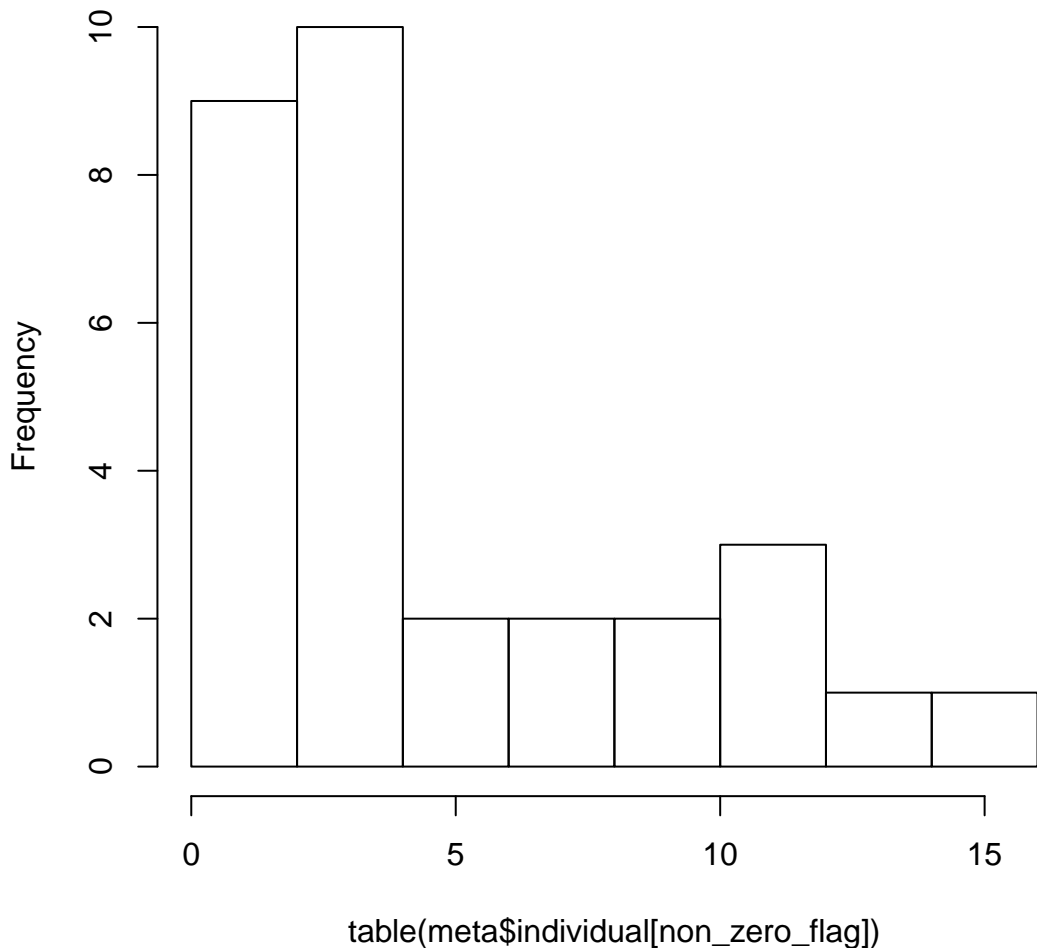
# KSless sig: individual expression cell count of gene#135



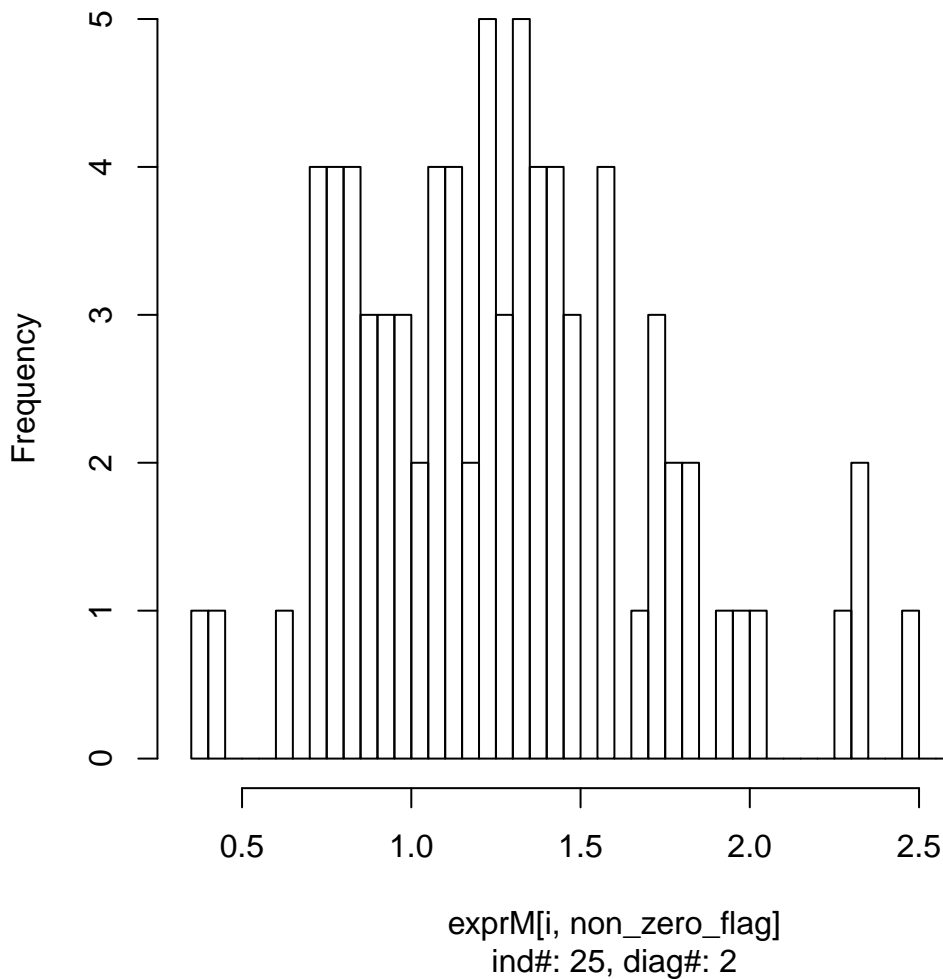
less sig: log expression of gene#155, pval ob=0.1235, non-zero n



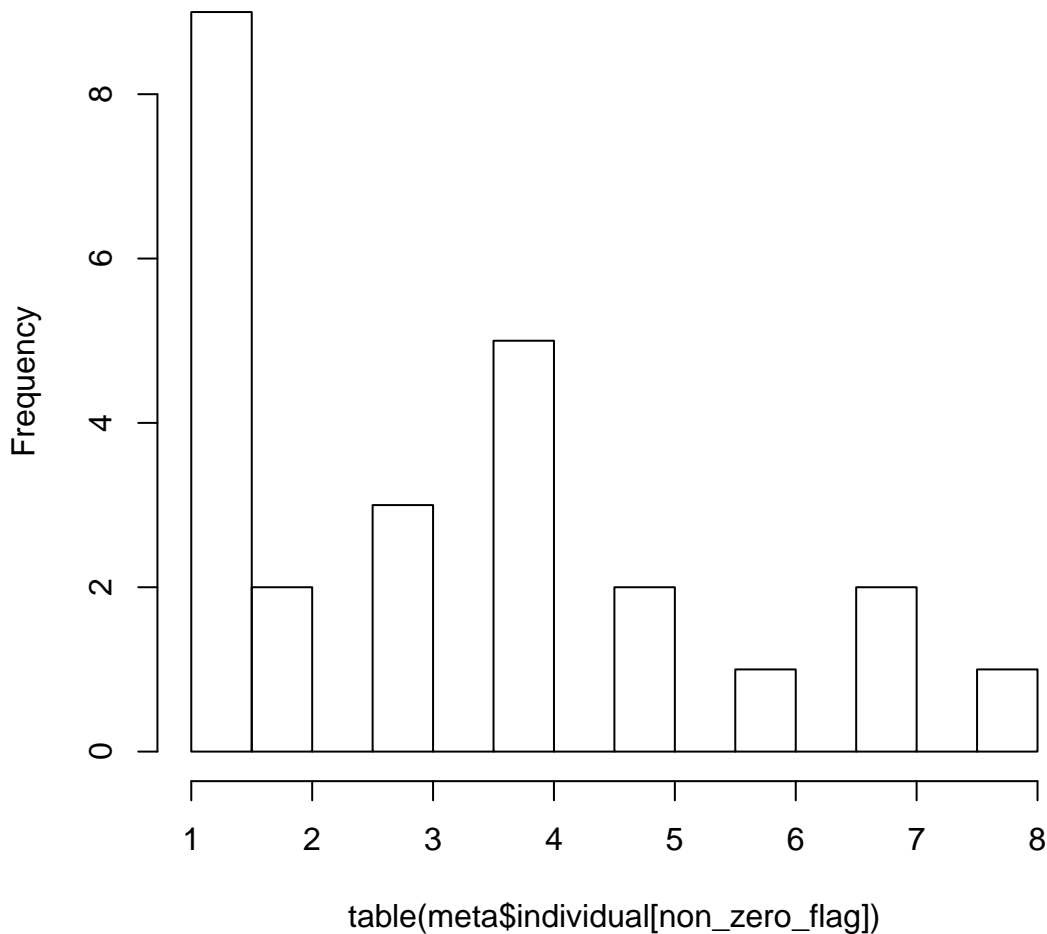
# KSless sig: individual expression cell count of gene#155



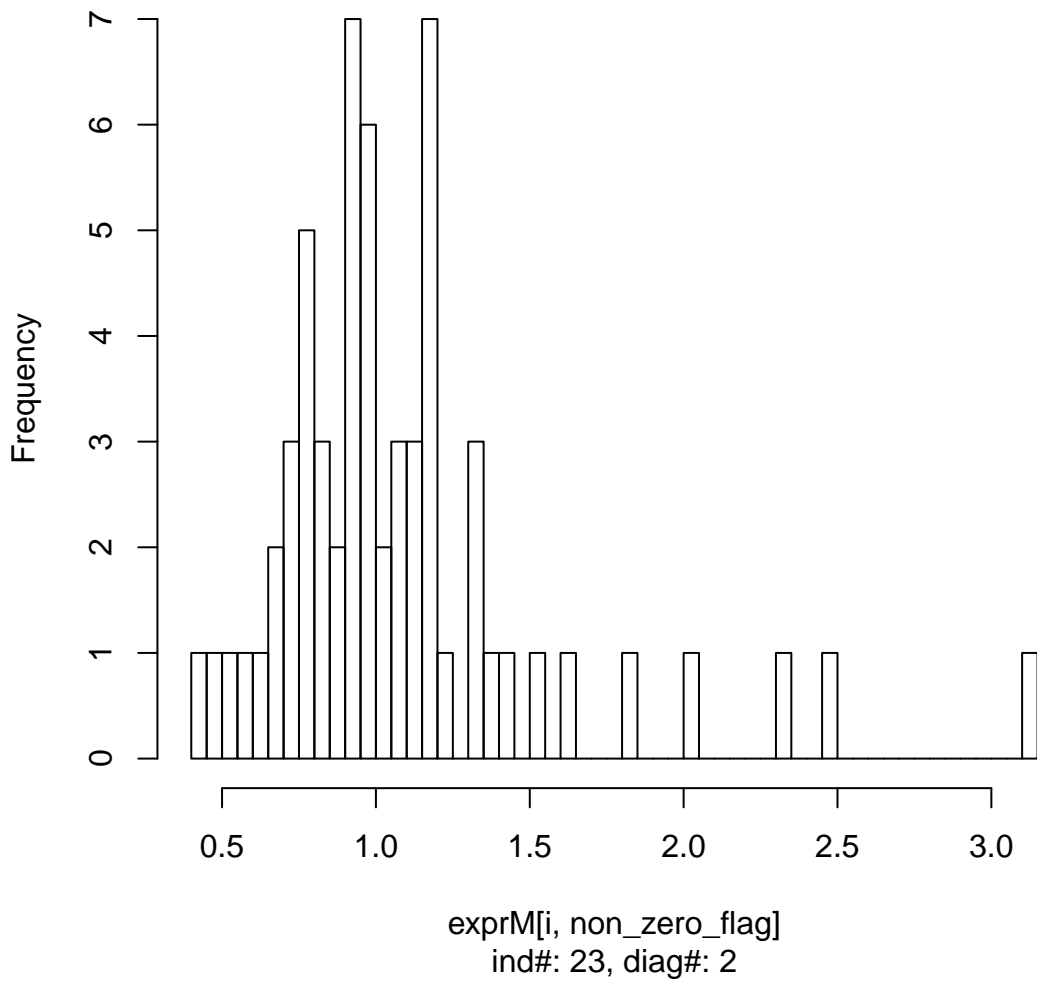
less sig: log expression of gene#162, pval ob=0.9972, non-zero n



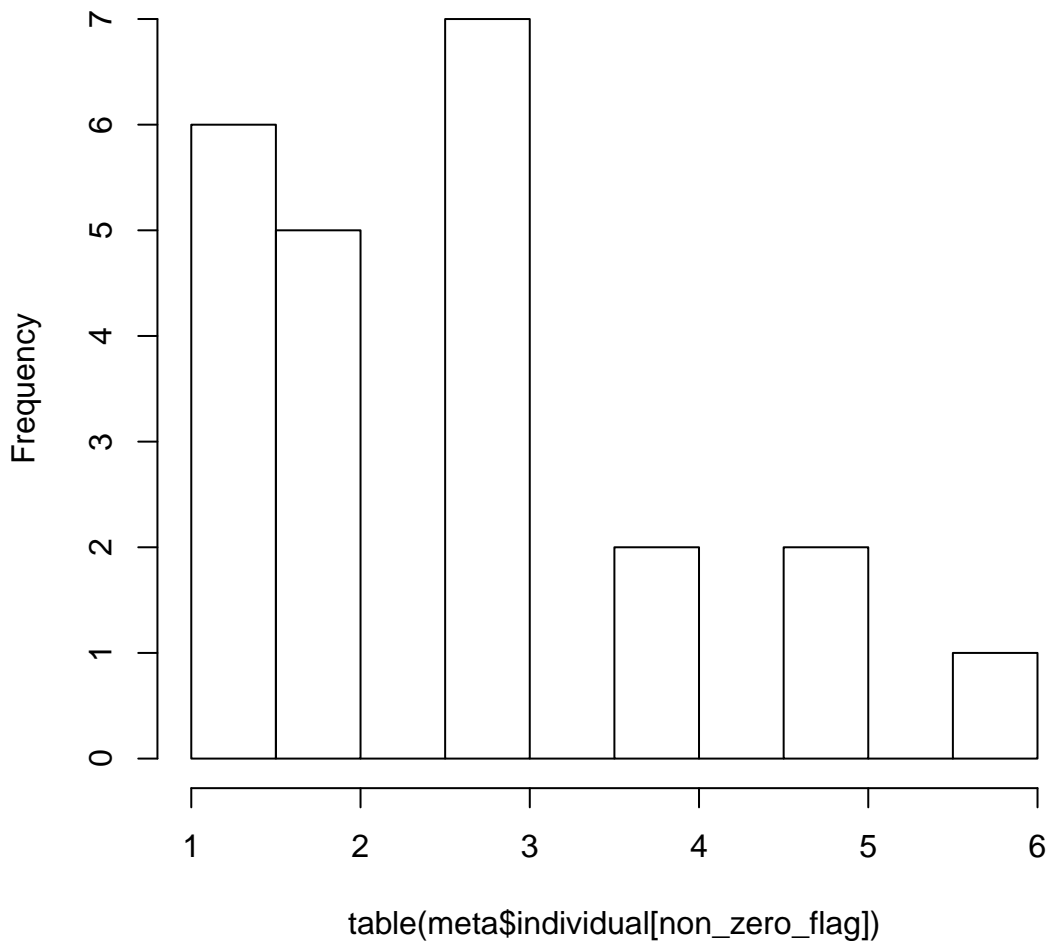
# KSless sig: individual expression cell count of gene#162



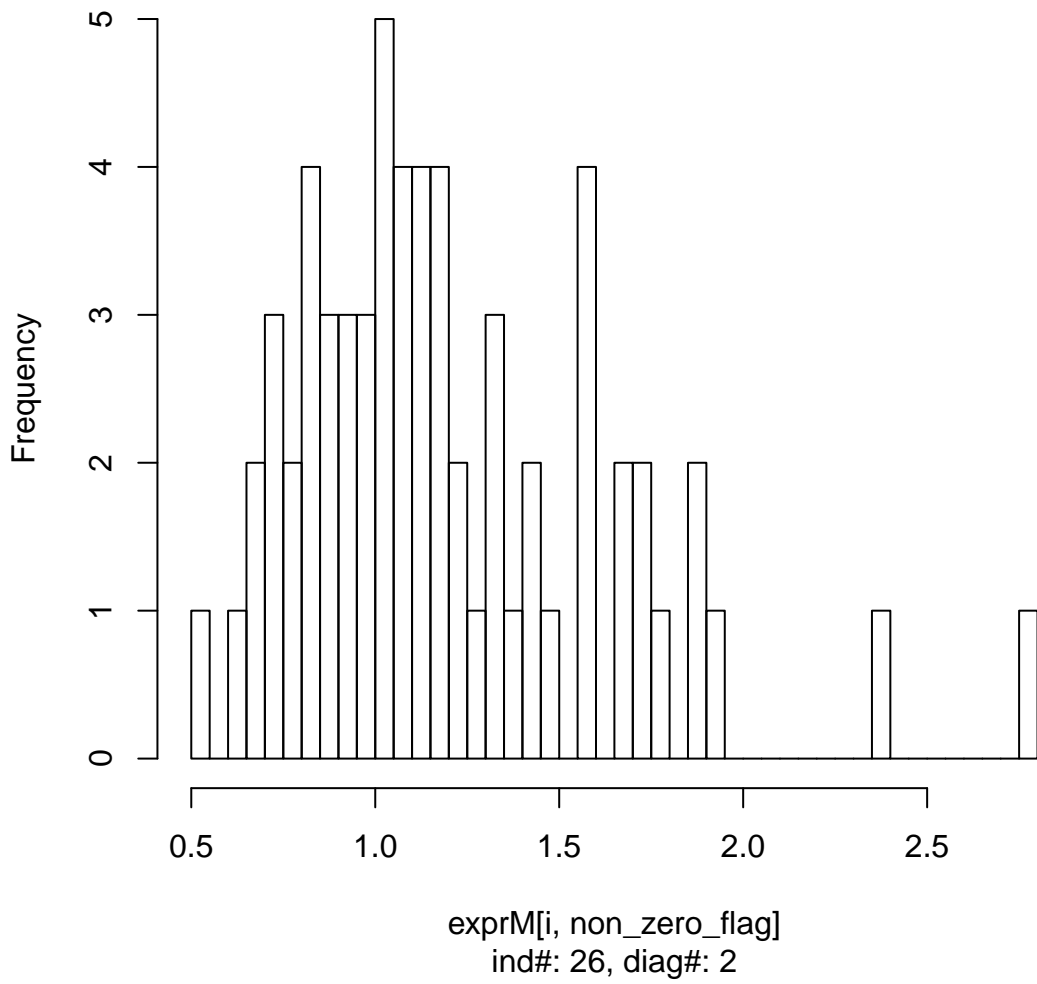
**S nonsig: log expression of gene#1, pval ob=0.7666, non-zero nu**



# KSless nonsig: individual expression cell count of gene#1

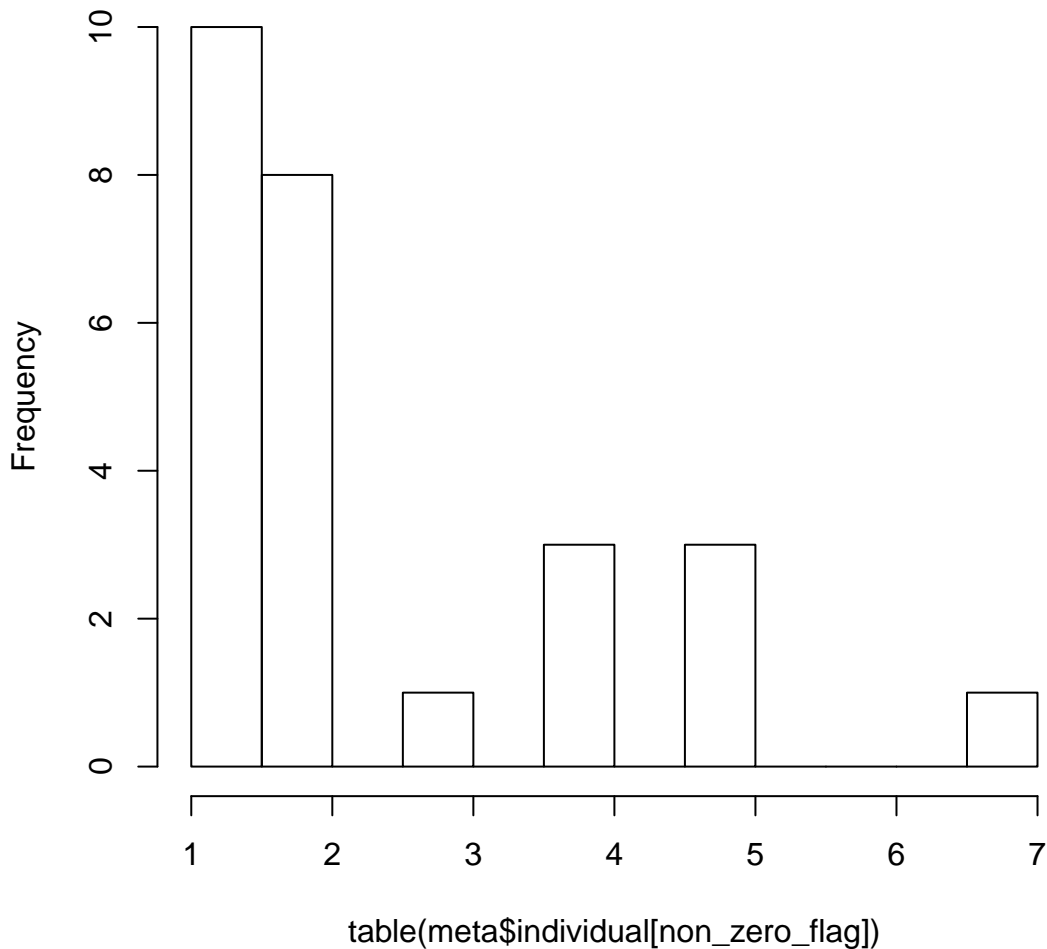


**S nonsig: log expression of gene#7, pval ob=0.7001, non-zero nu**

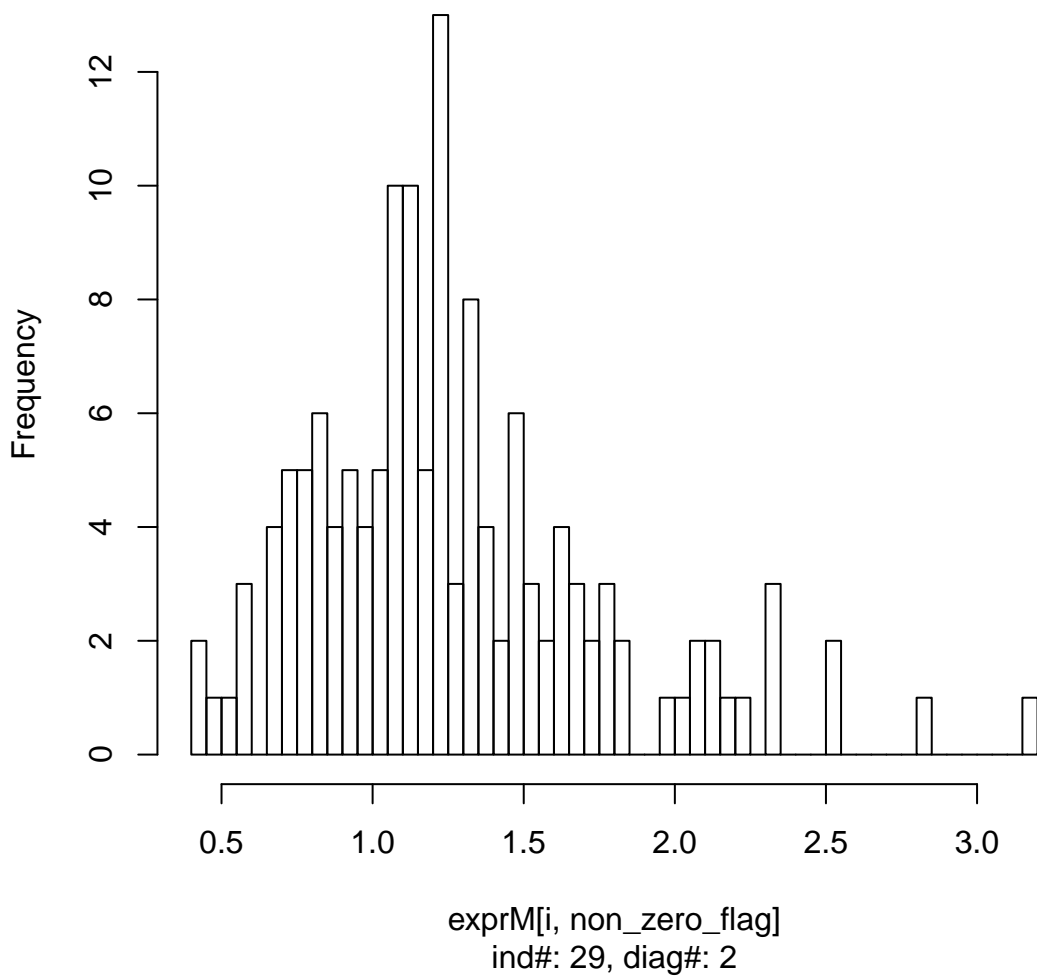




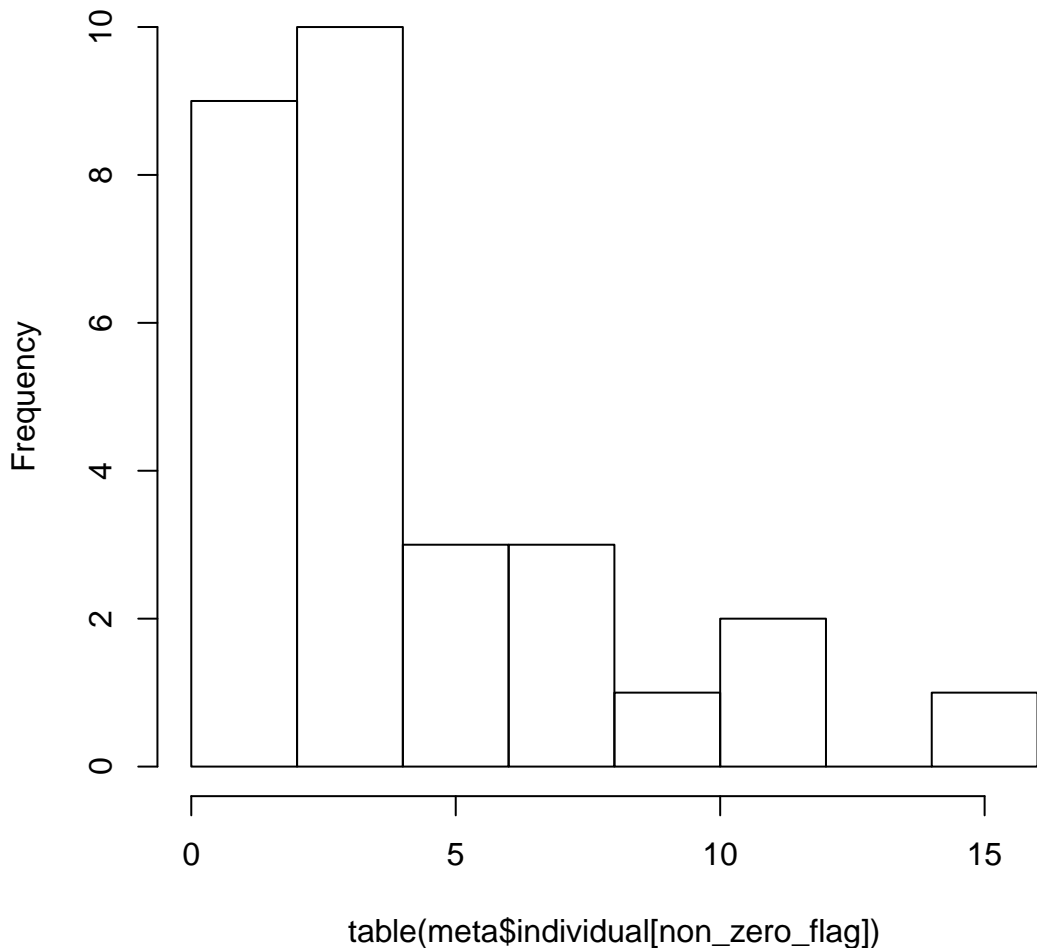
# KSless nonsig: individual expression cell count of gene#7



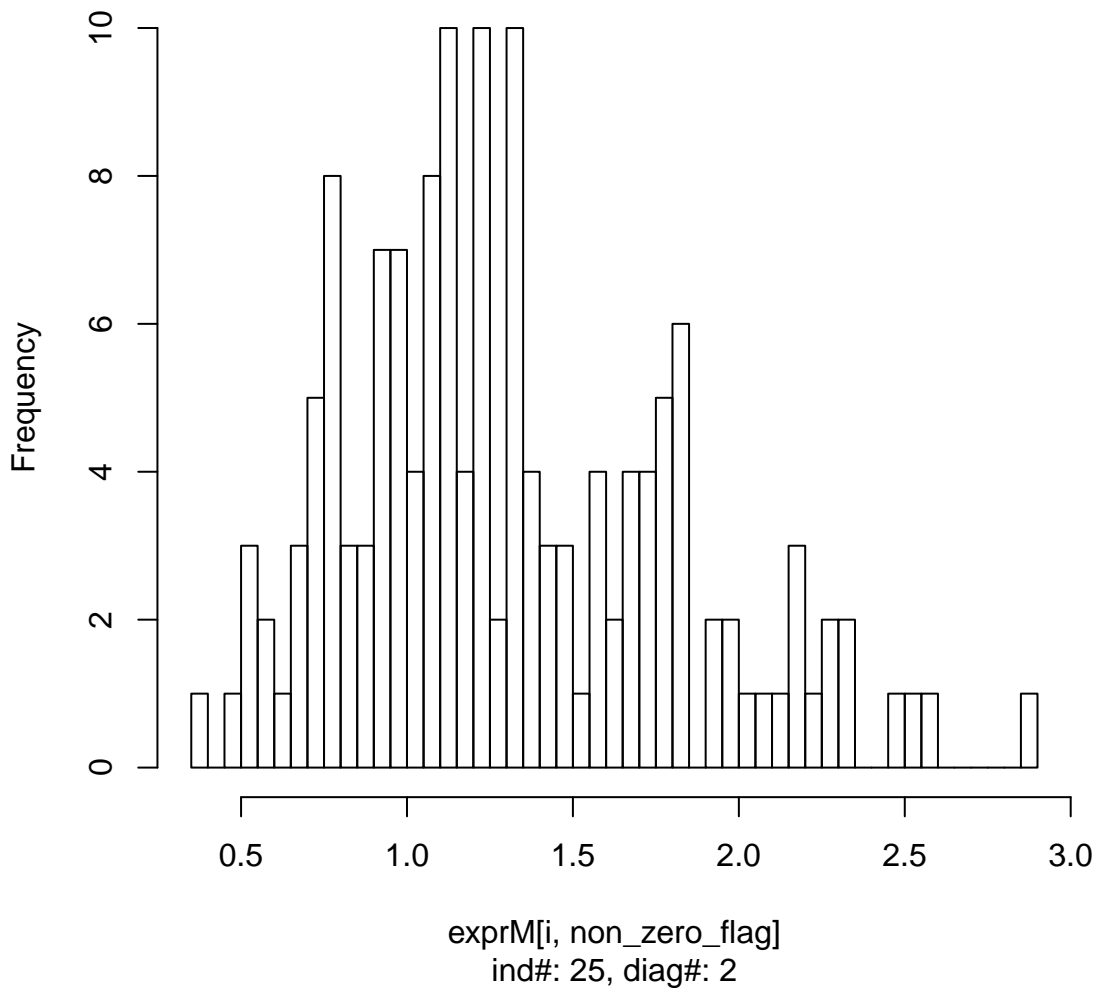
**S nonsig: log expression of gene#8, pval ob=0.3448, non-zero num**



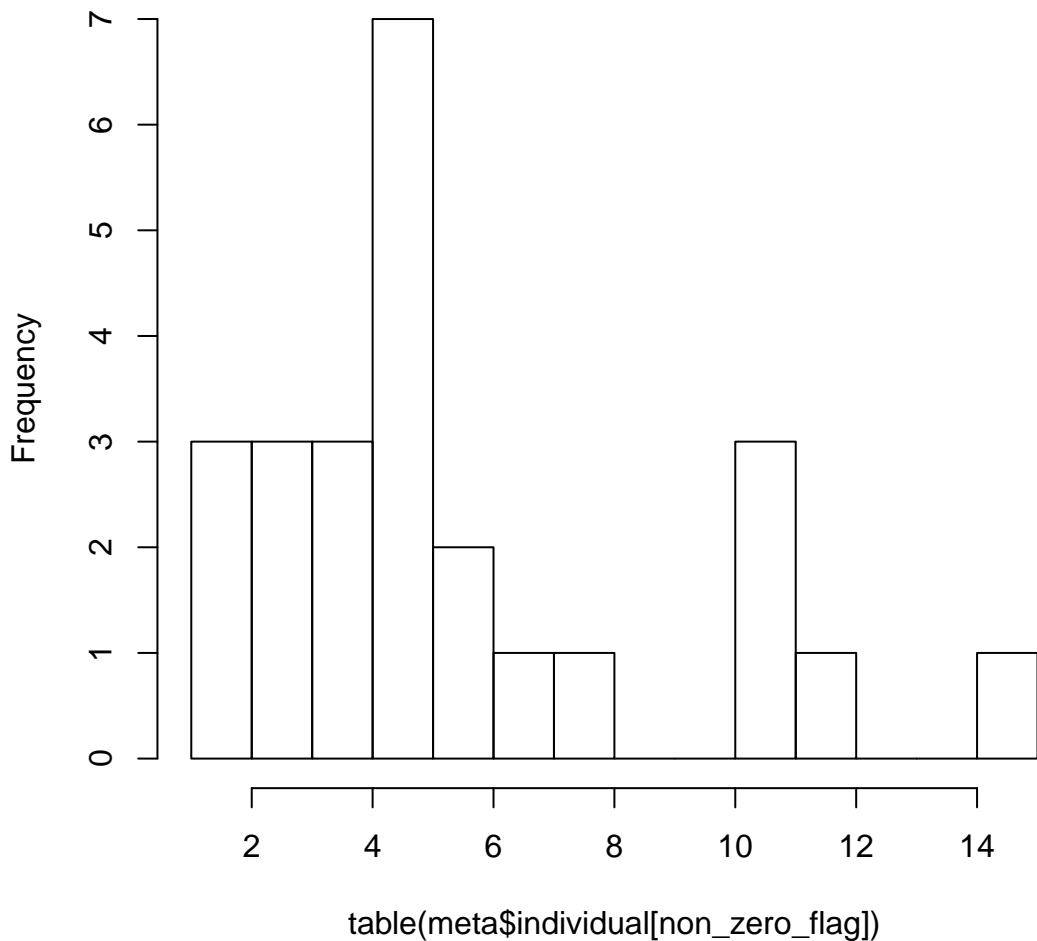
# KSless nonsig: individual expression cell count of gene#8



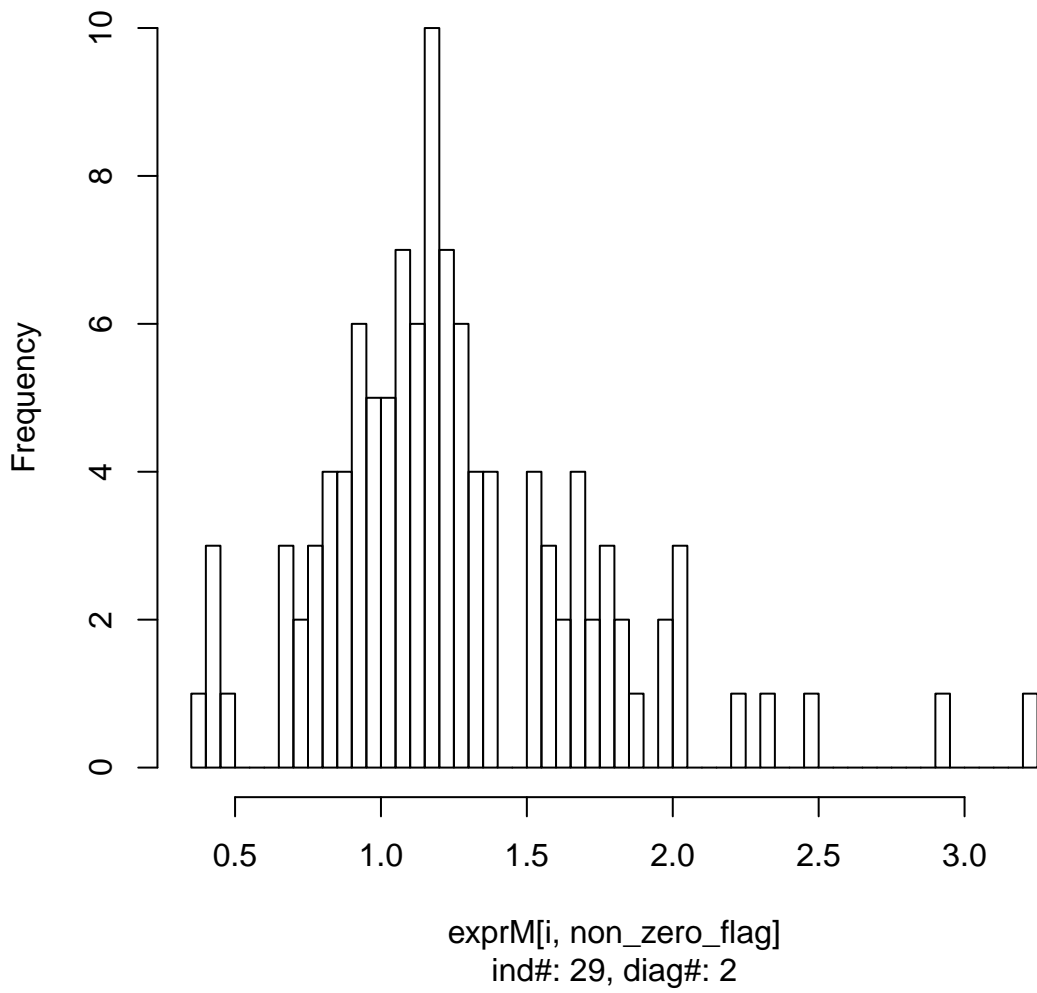
nsig: log expression of gene#10, pval ob=0.8379, non-zero nu



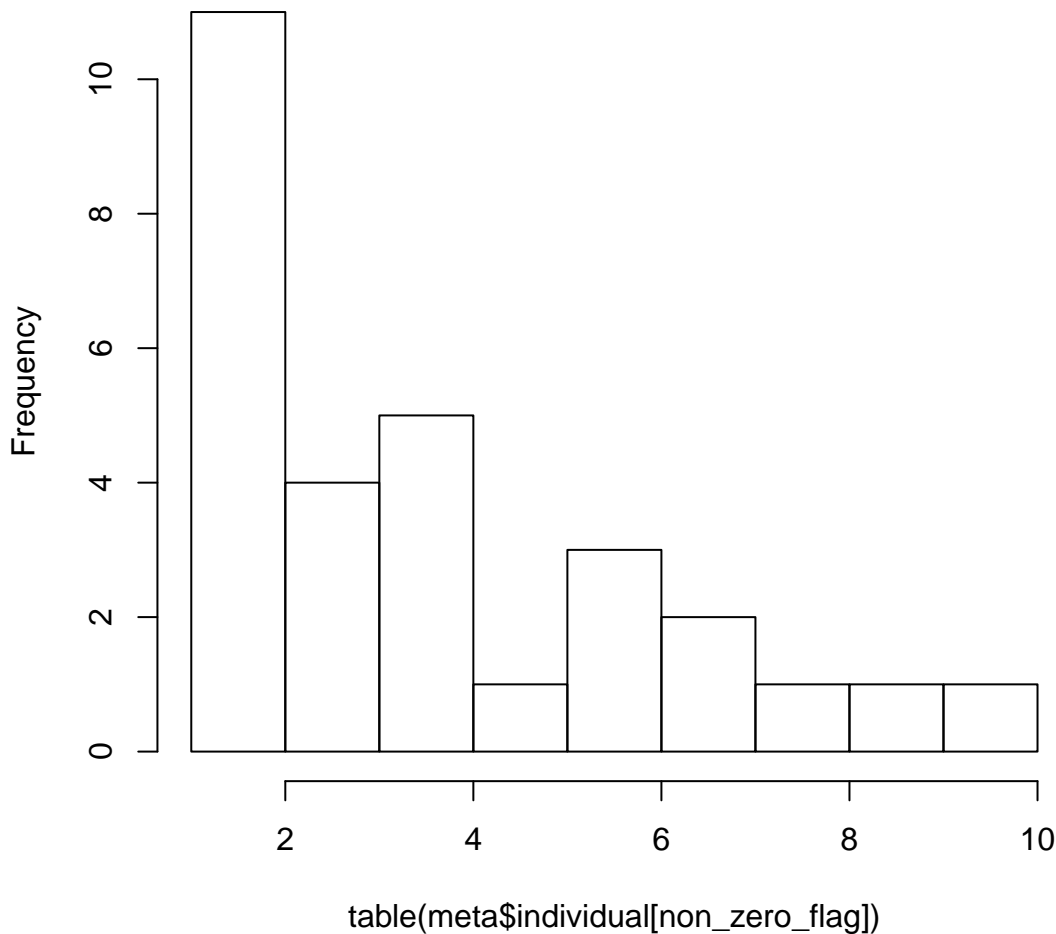
# KSless nonsig: individual expression cell count of gene#10



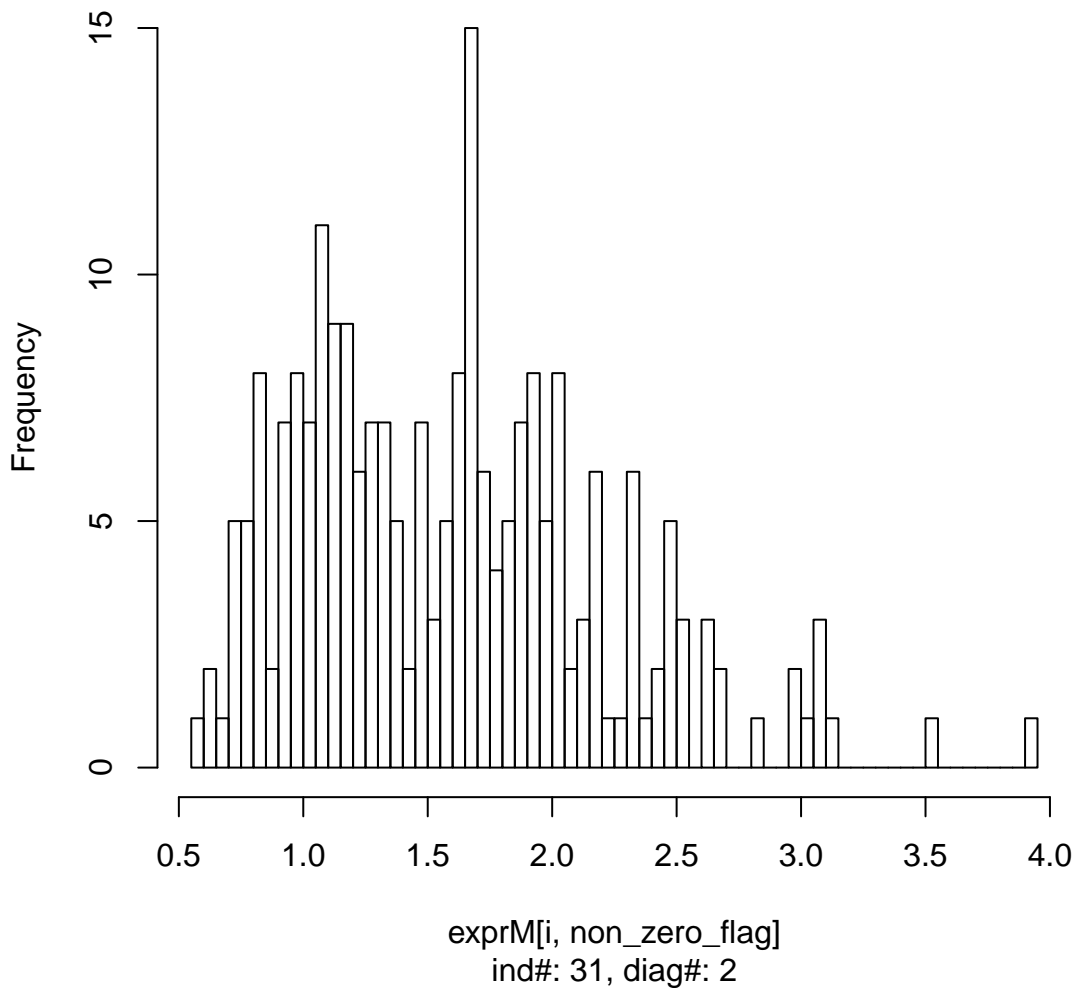
nsig: log expression of gene#12, pval ob=0.8487, non-zero nu



## KSless nonsig: individual expression cell count of gene#12

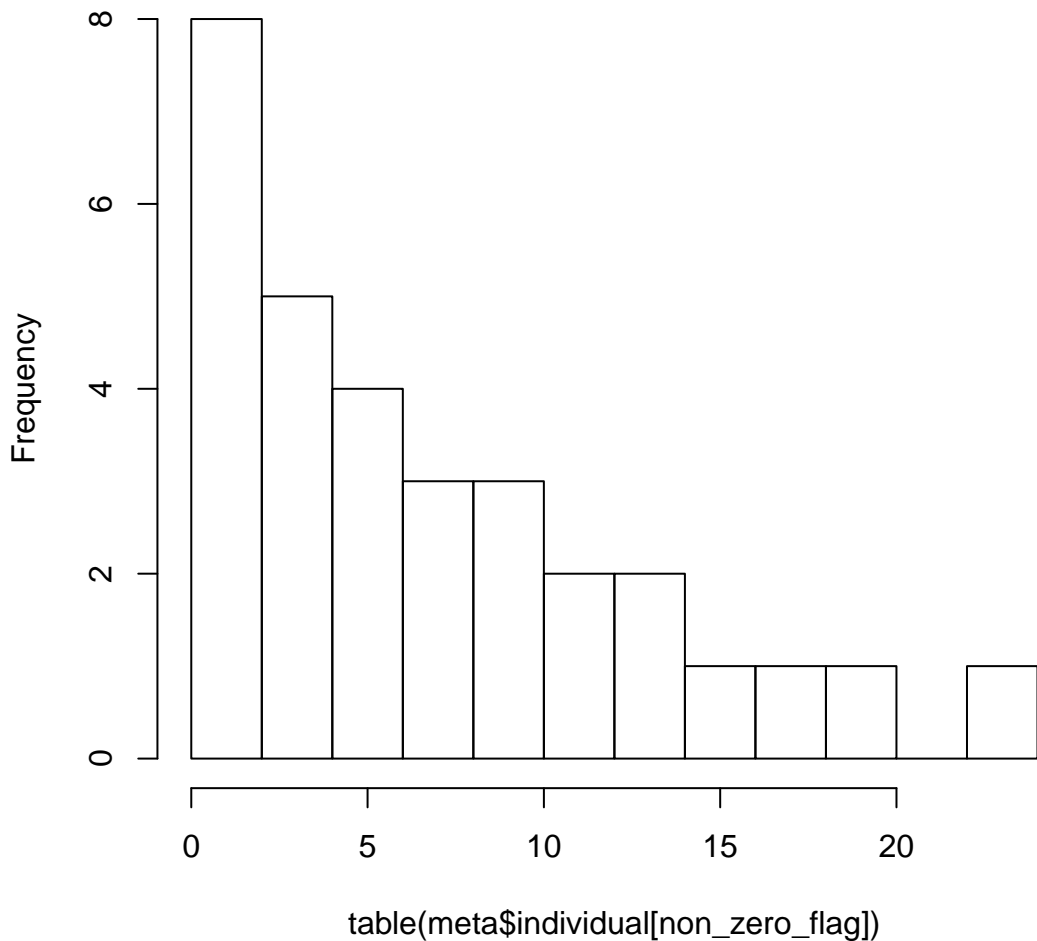


nsig: log expression of gene#17, pval ob=0.8299, non-zero nu

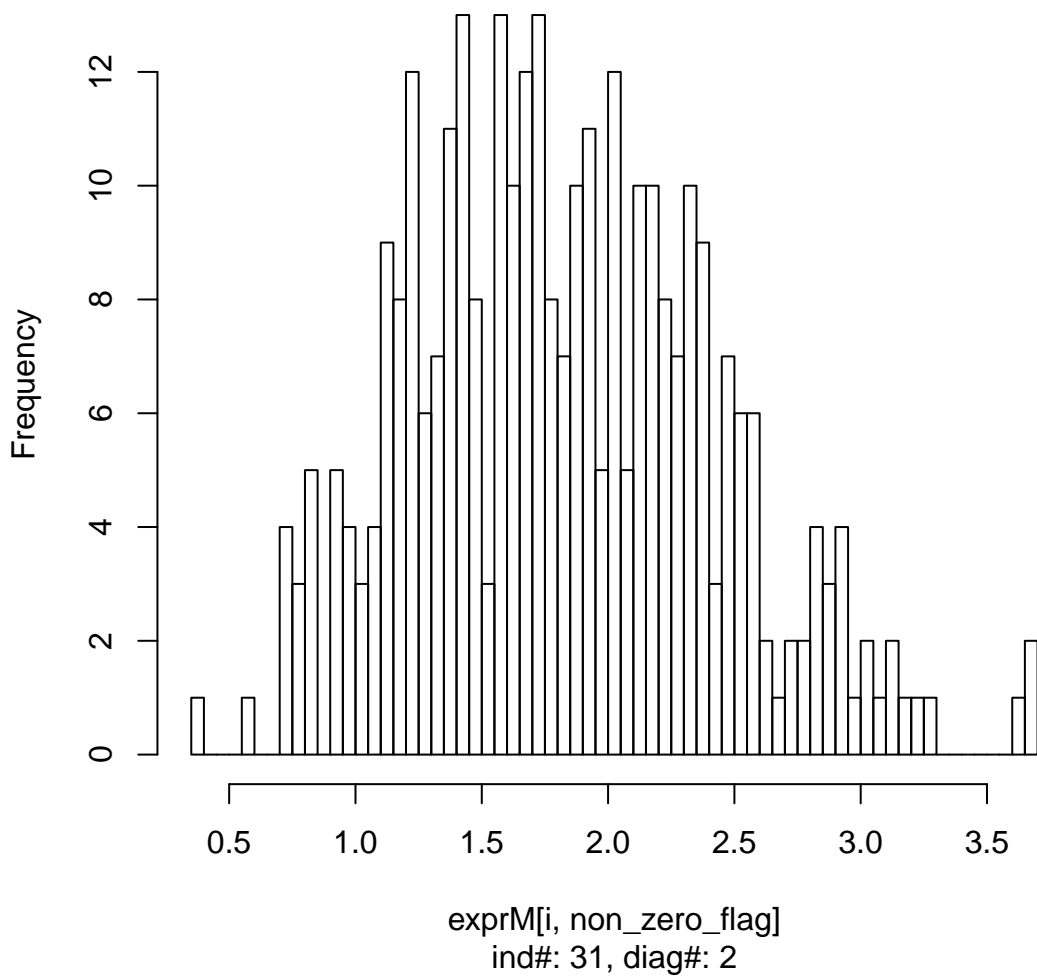




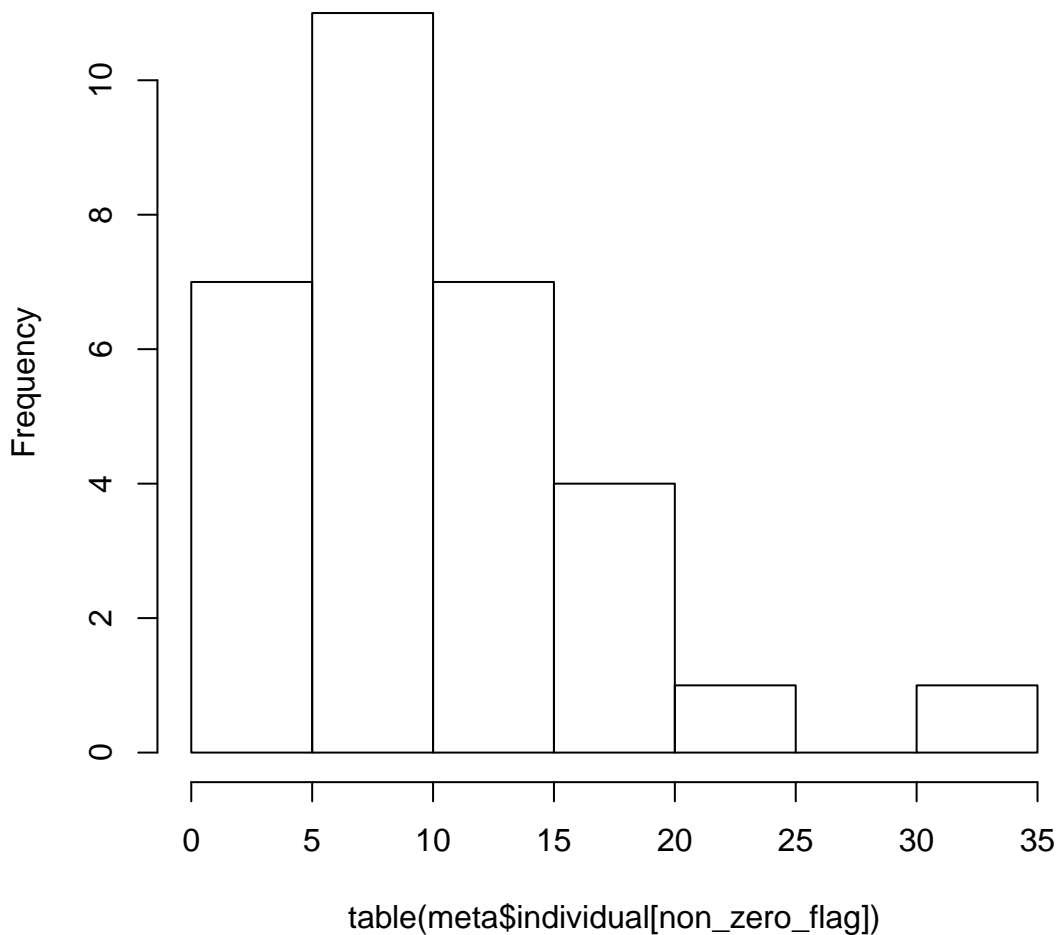
# KSless nonsig: individual expression cell count of gene#17



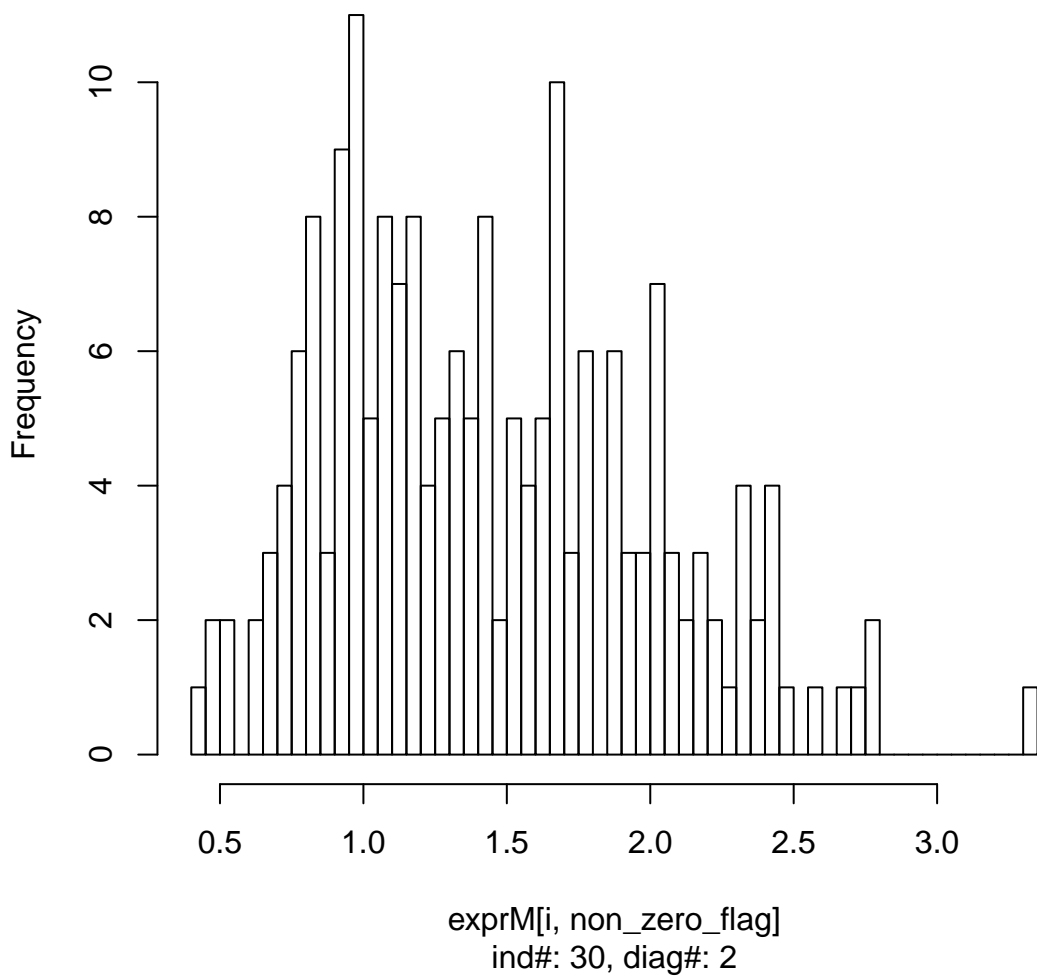
**nsig: log expression of gene#23, pval ob=0.9748, non-zero nu**



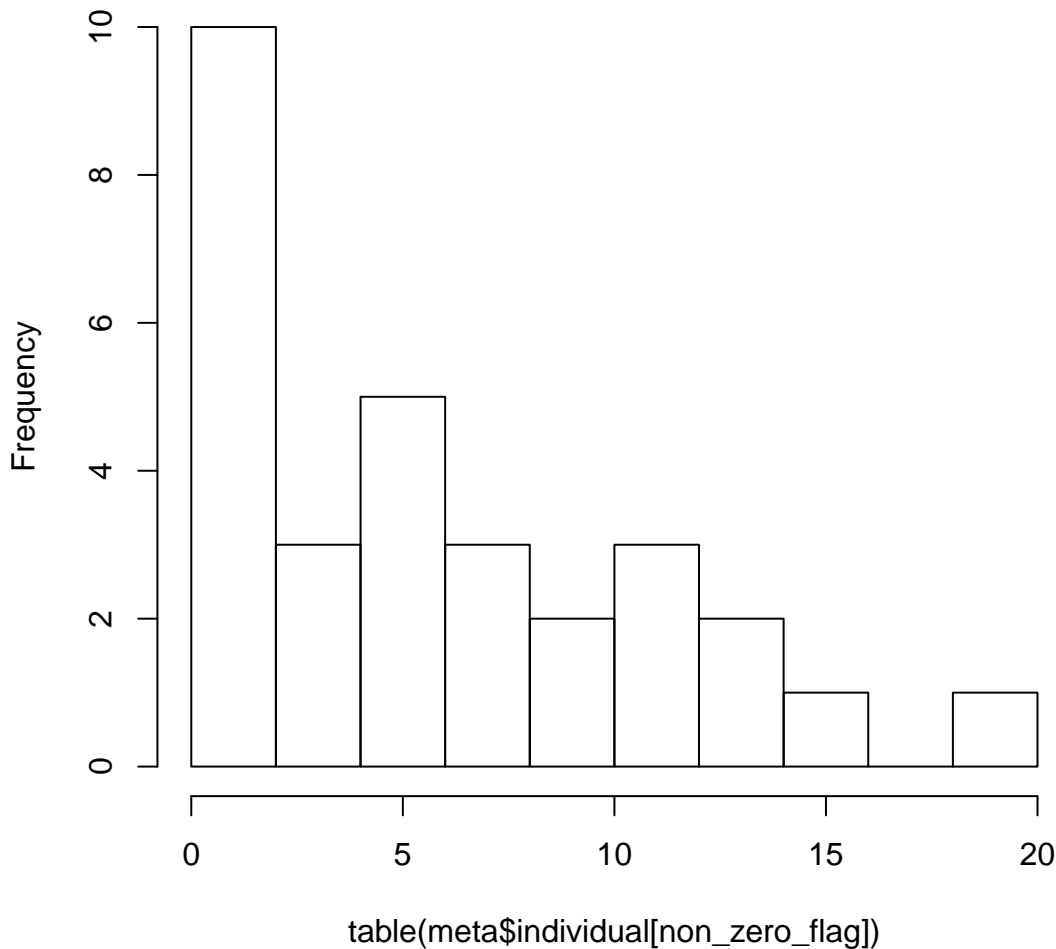
# KSless nonsig: individual expression cell count of gene#23



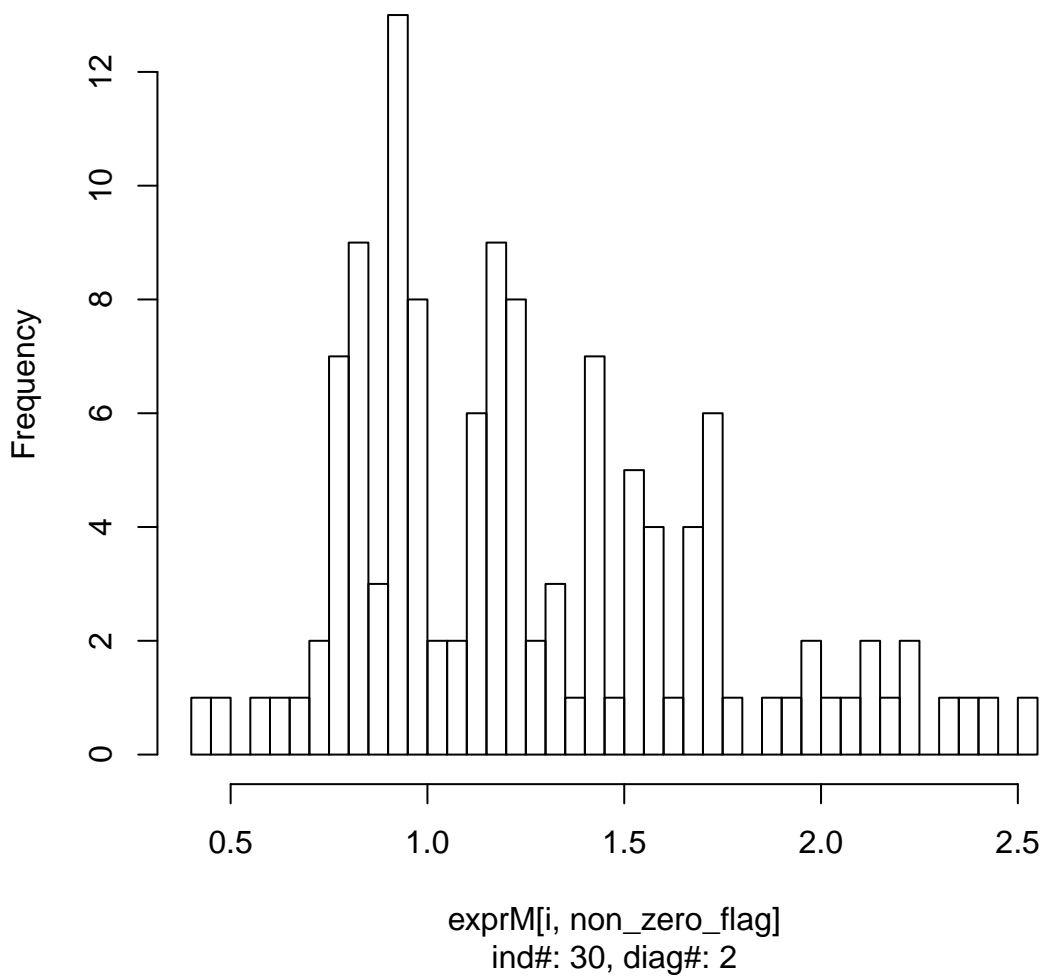
nsig: log expression of gene#32, pval ob=0.1419, non-zero nu



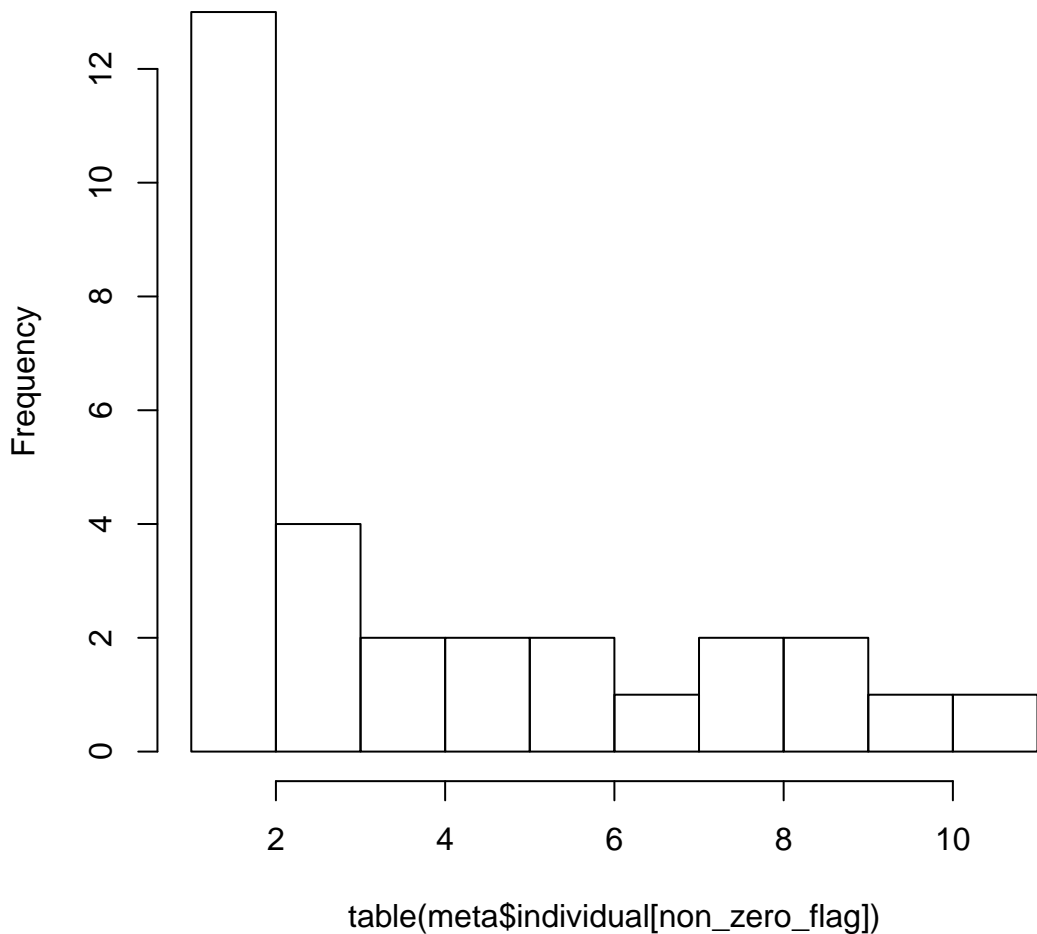
# KSless nonsig: individual expression cell count of gene#32



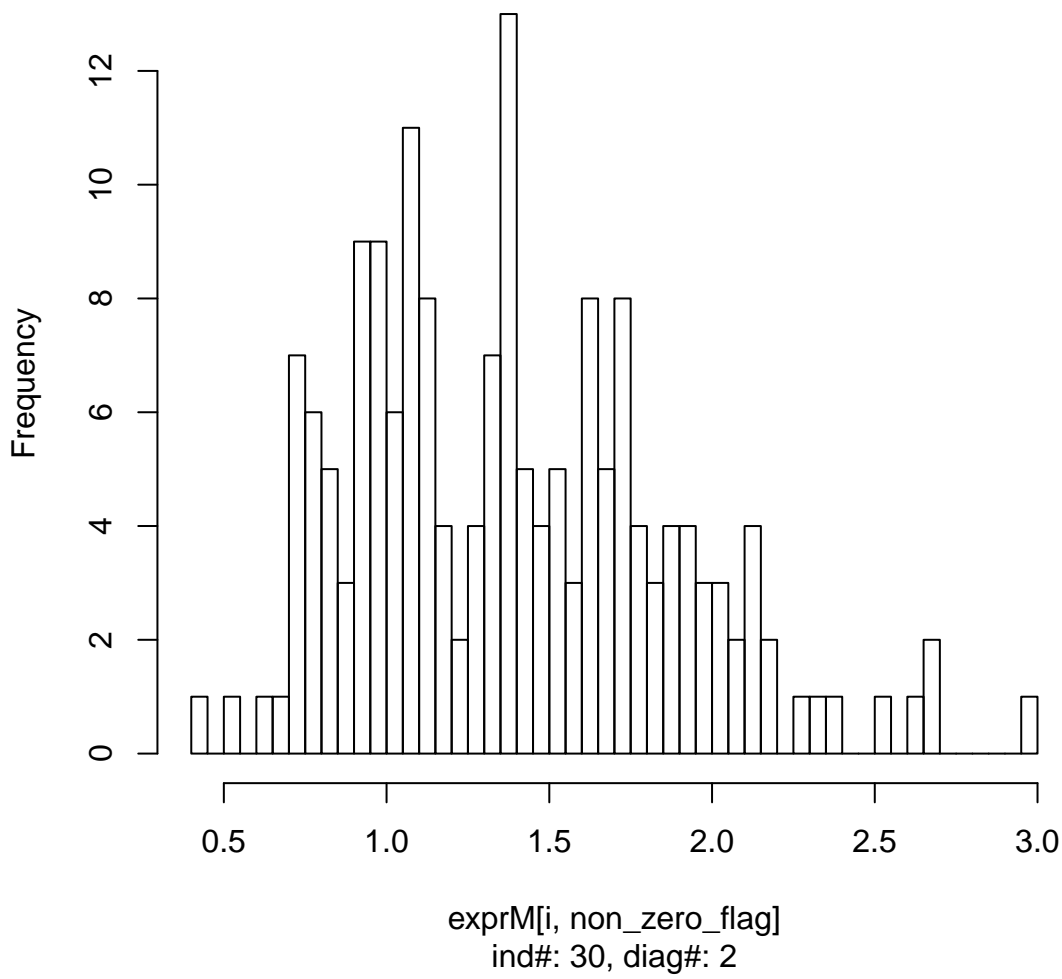
nsig: log expression of gene#37, pval ob=0.2317, non-zero nu



# KSless nonsig: individual expression cell count of gene#37

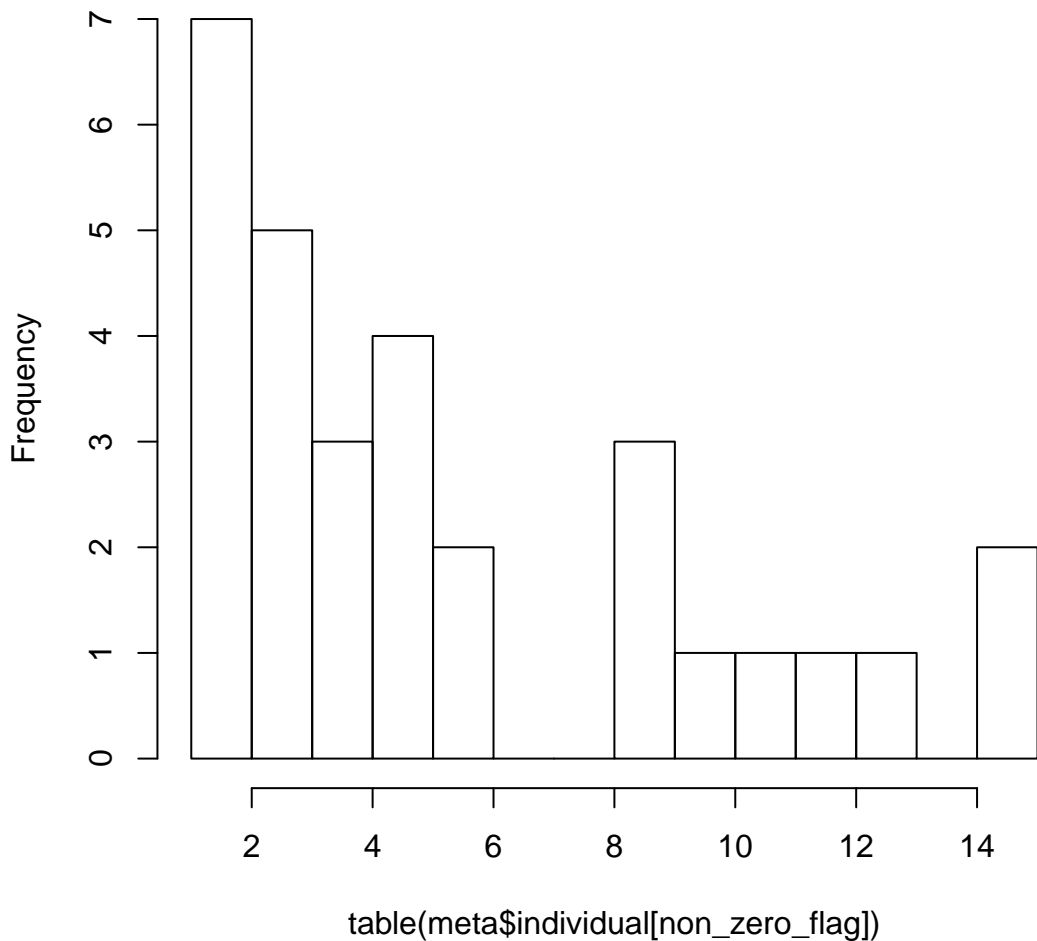


nsig: log expression of gene#44, pval ob=0.4932, non-zero nu

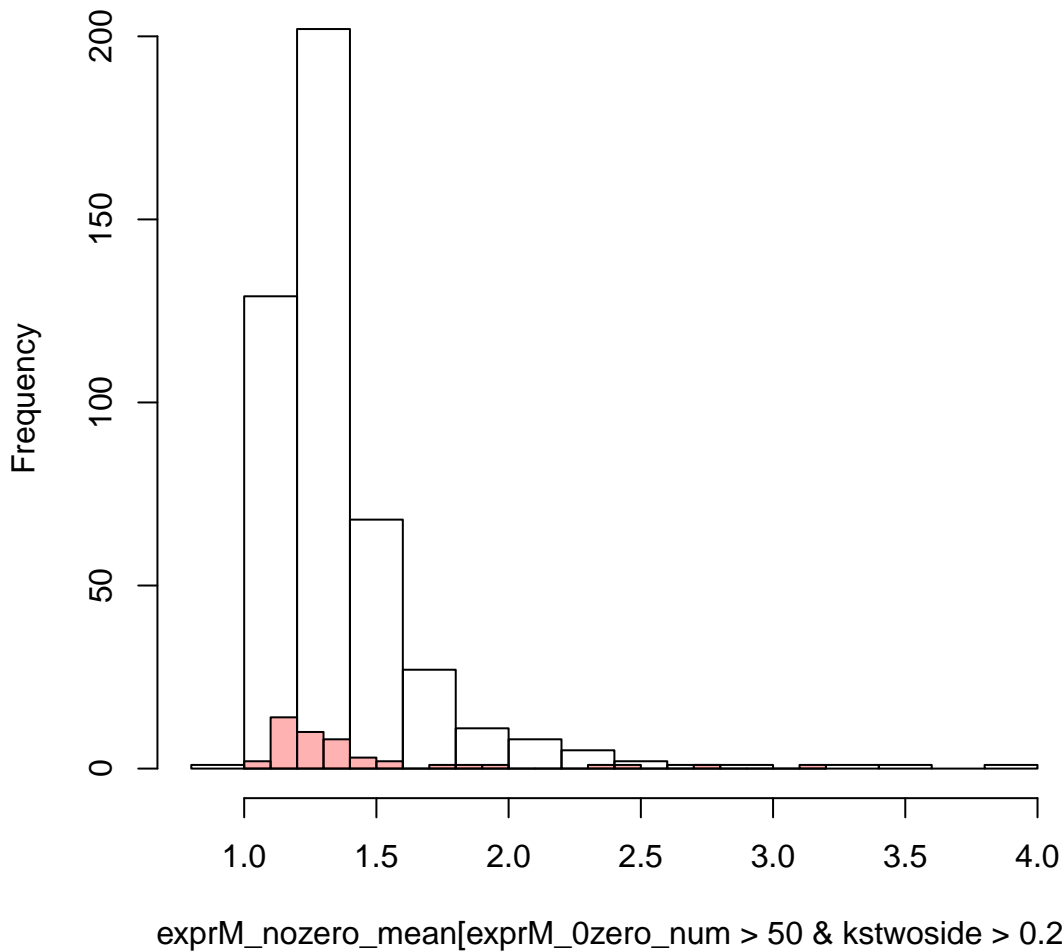




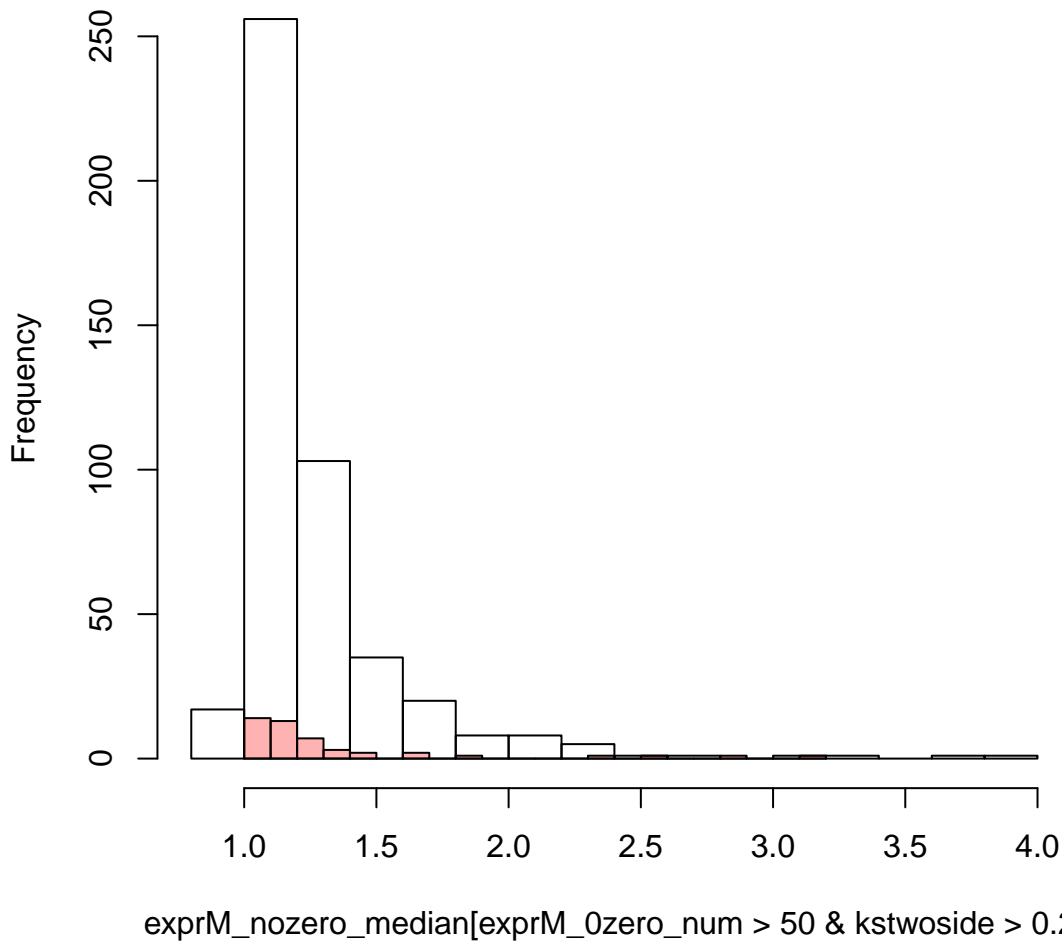
# KSless nonsig: individual expression cell count of gene#44



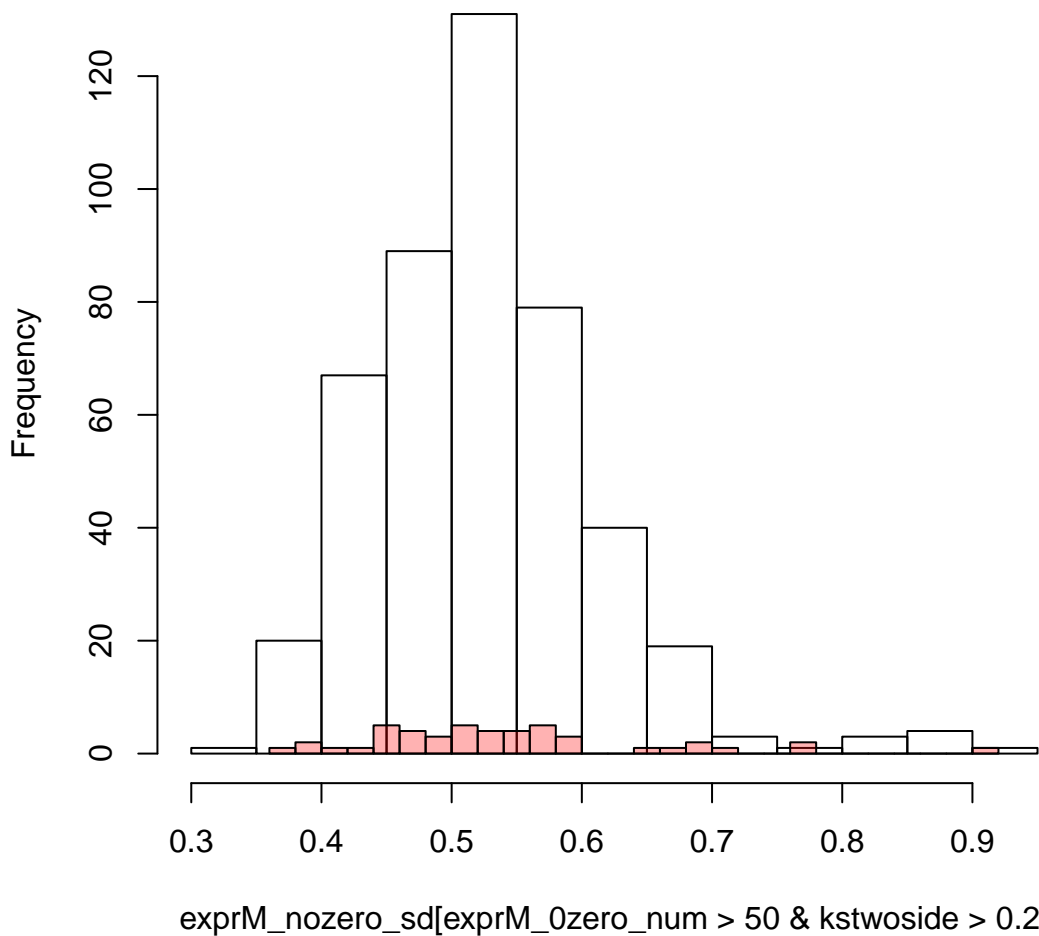
ogram of exprM\_nozero\_mean[exprM\_0zero\_num > 50 & kstwosi



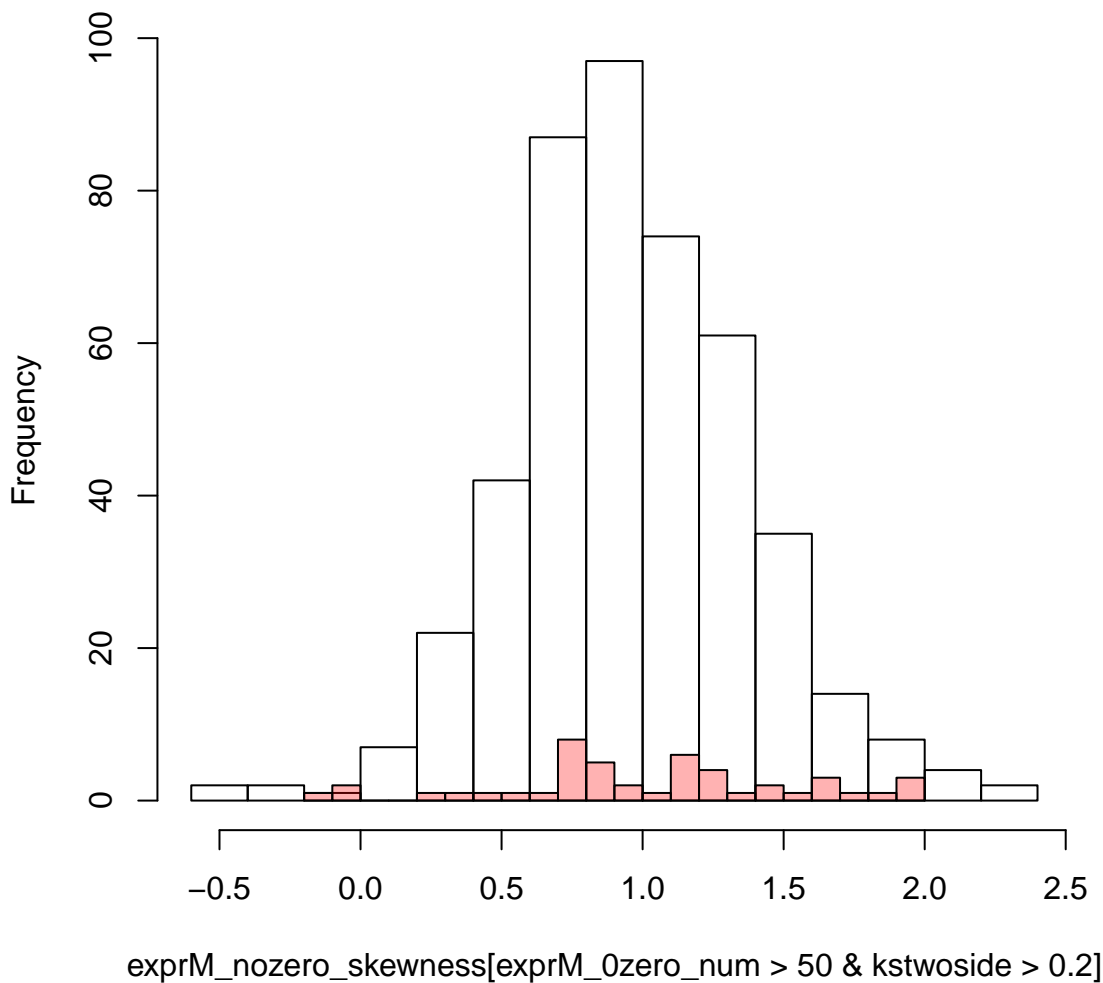
ogram of exprM\_nozero\_median[exprM\_0zero\_num > 50 & kstvos



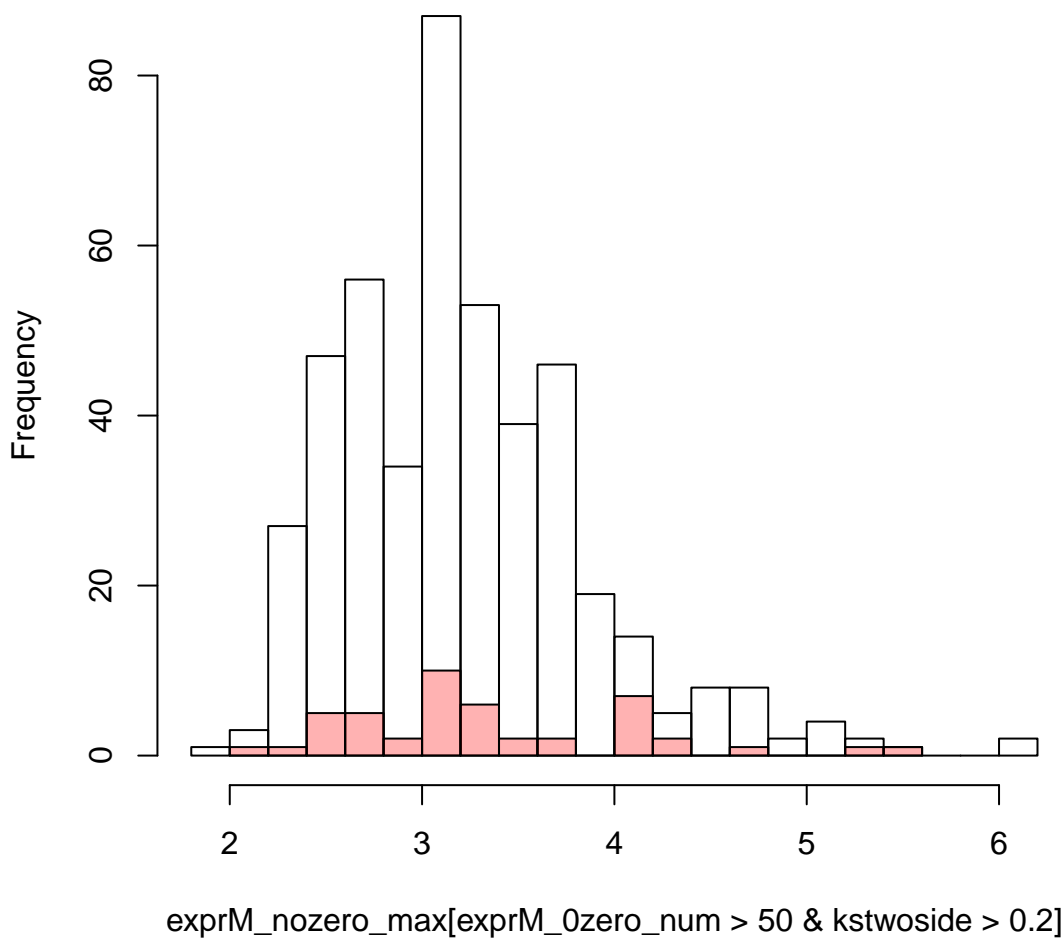
Histogram of `exprM_nozero_sd[exprM_0zero_num > 50 & kstwoside`



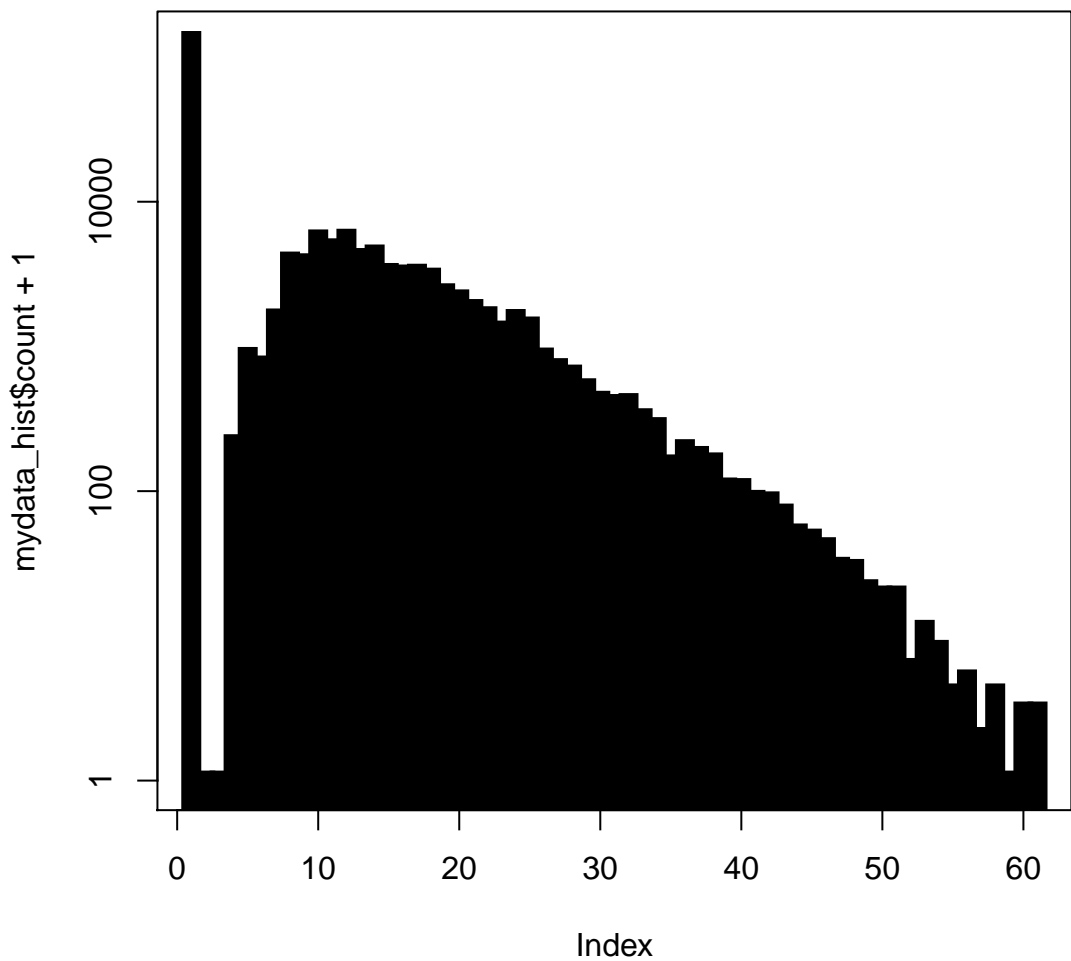
gram of exprM\_nozero\_skewness[exprM\_0zero\_num > 50 & kstwo



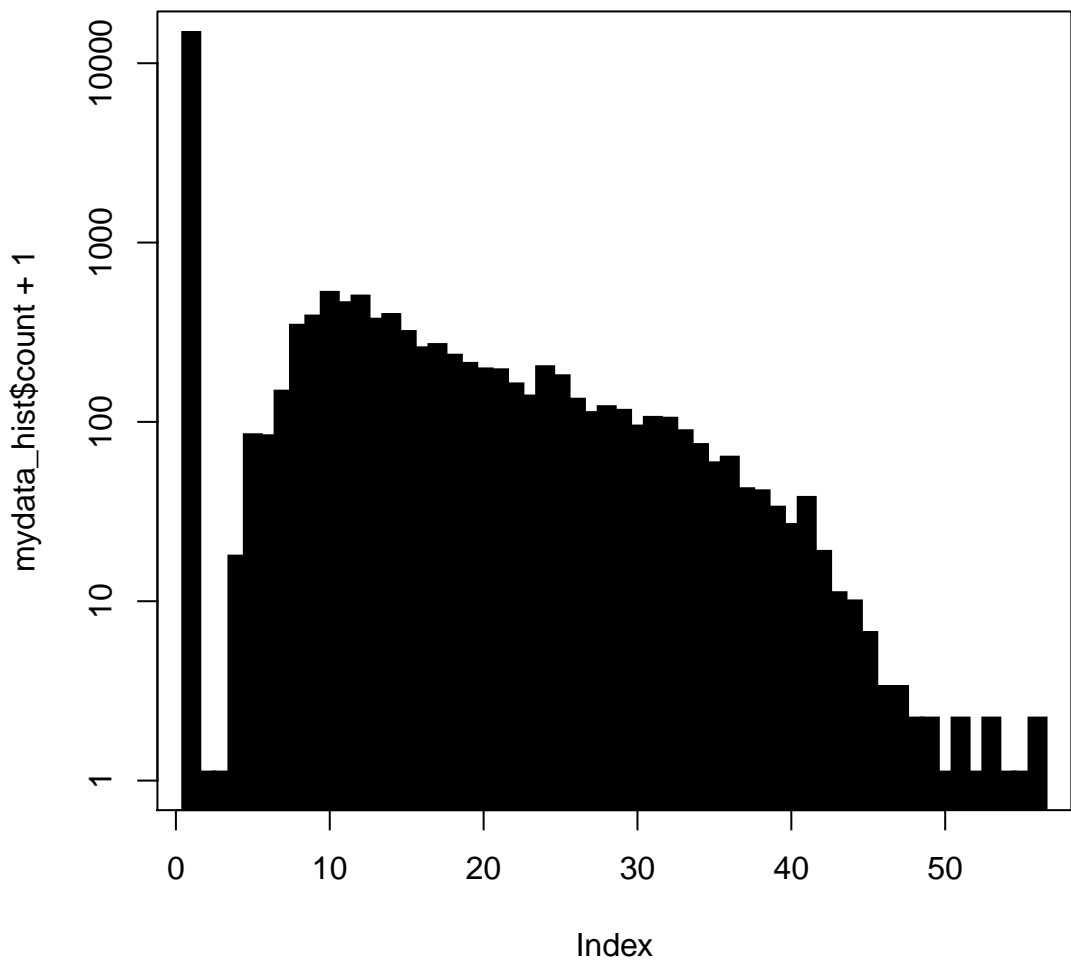
Histogram of `exprM_nozero_max[exprM_0zero_num > 50 & kstwsio`



genes  $\log(\text{expression} + 1)$  with least 50 cell expression and kstwosi

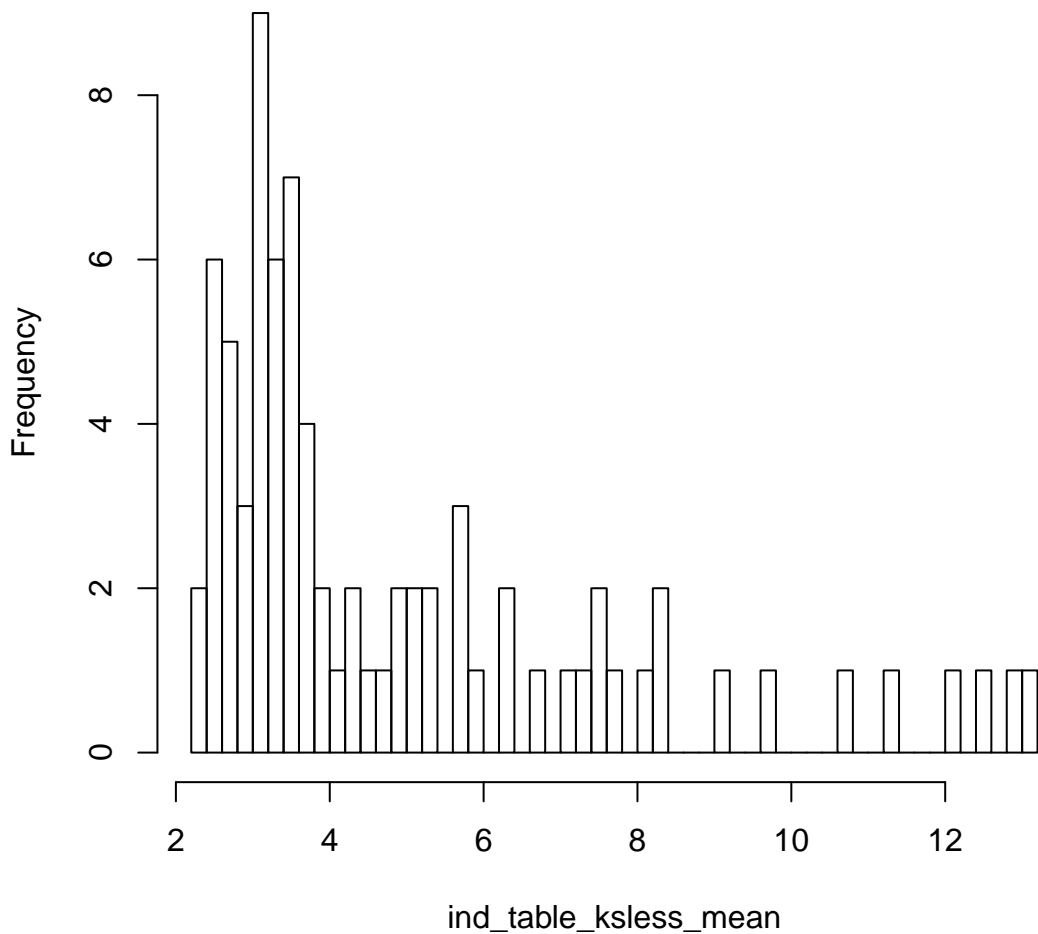


genes  $\log(\text{expression} + 1)$  with least 50 cell expression and kstwo

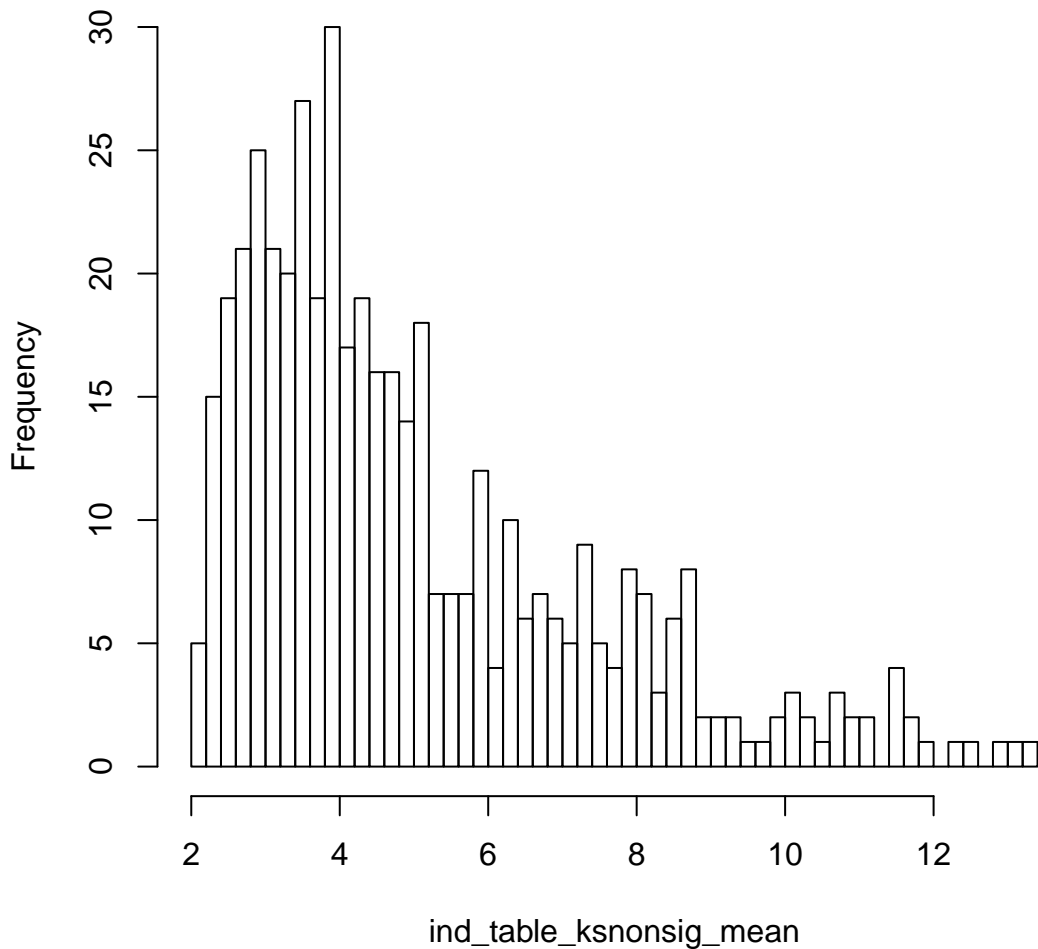




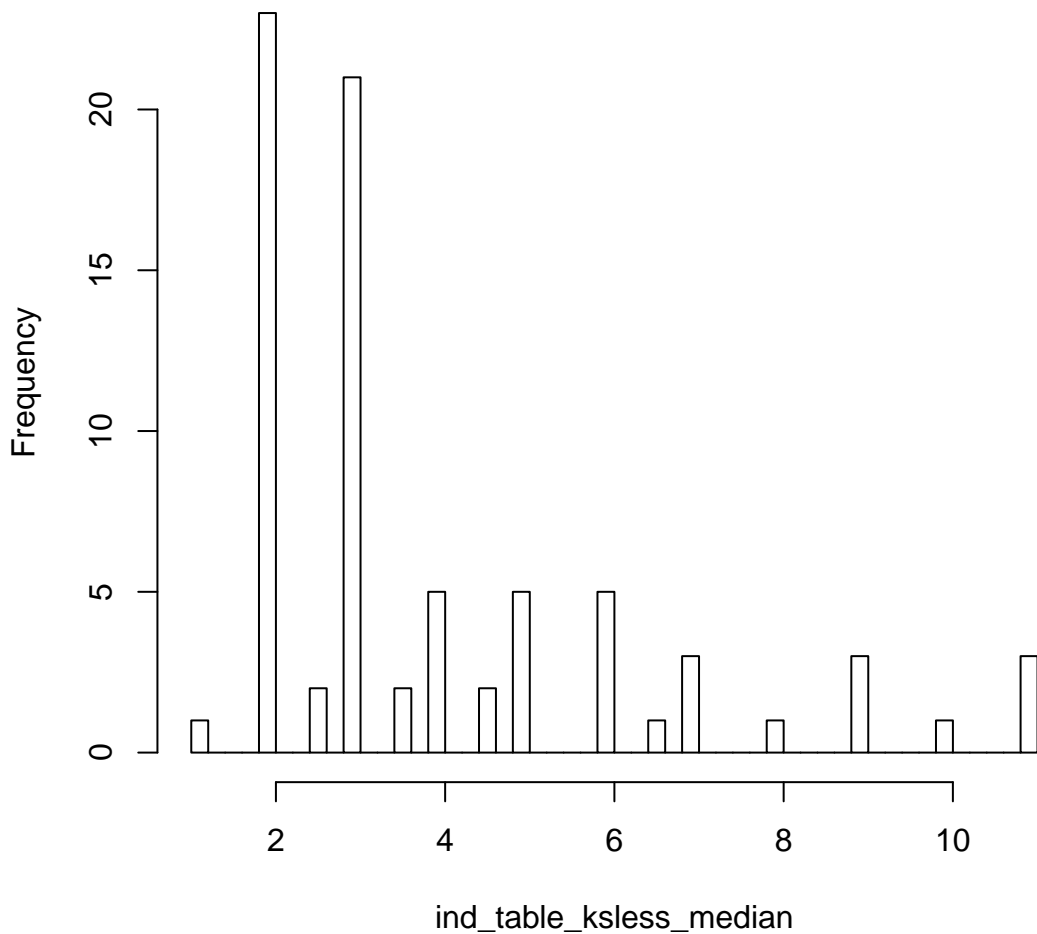
**Histogram of ind\_table\_ksless\_mean**



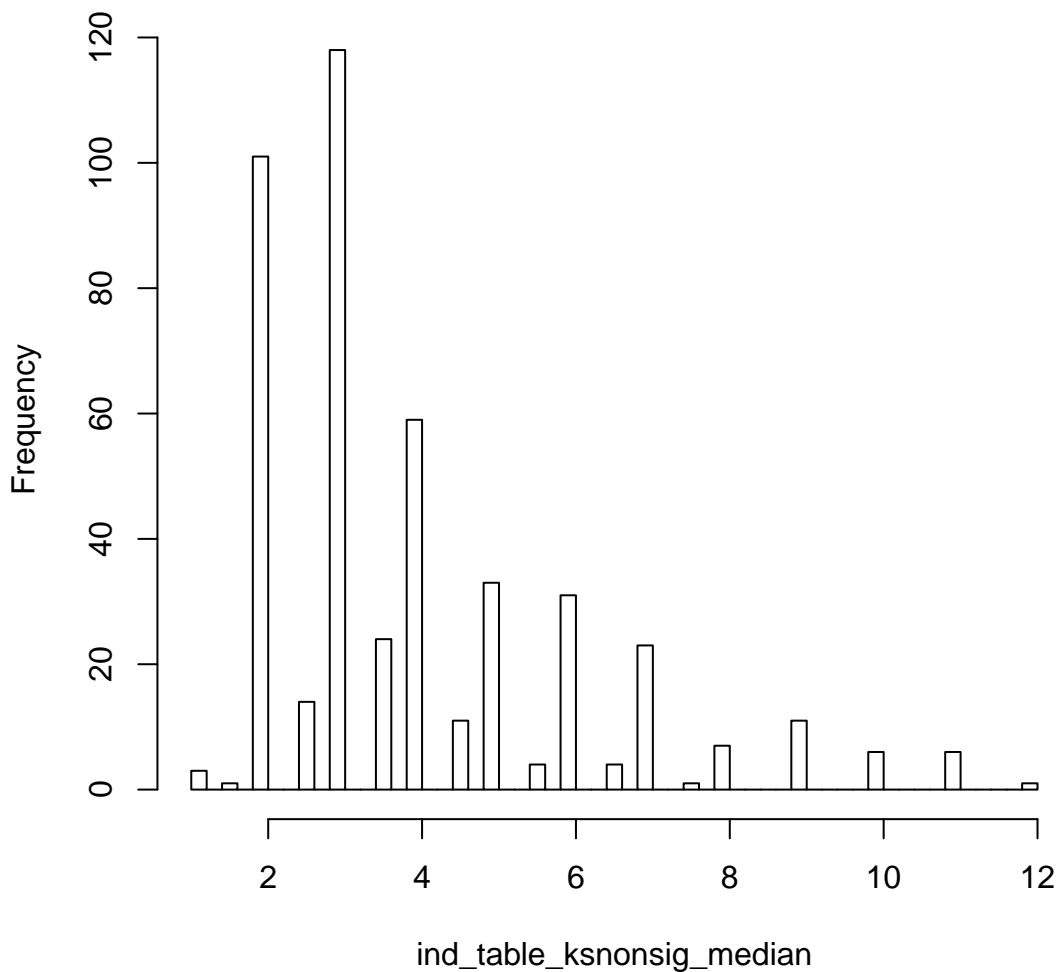
**Histogram of ind\_table\_ksnonsig\_mean**



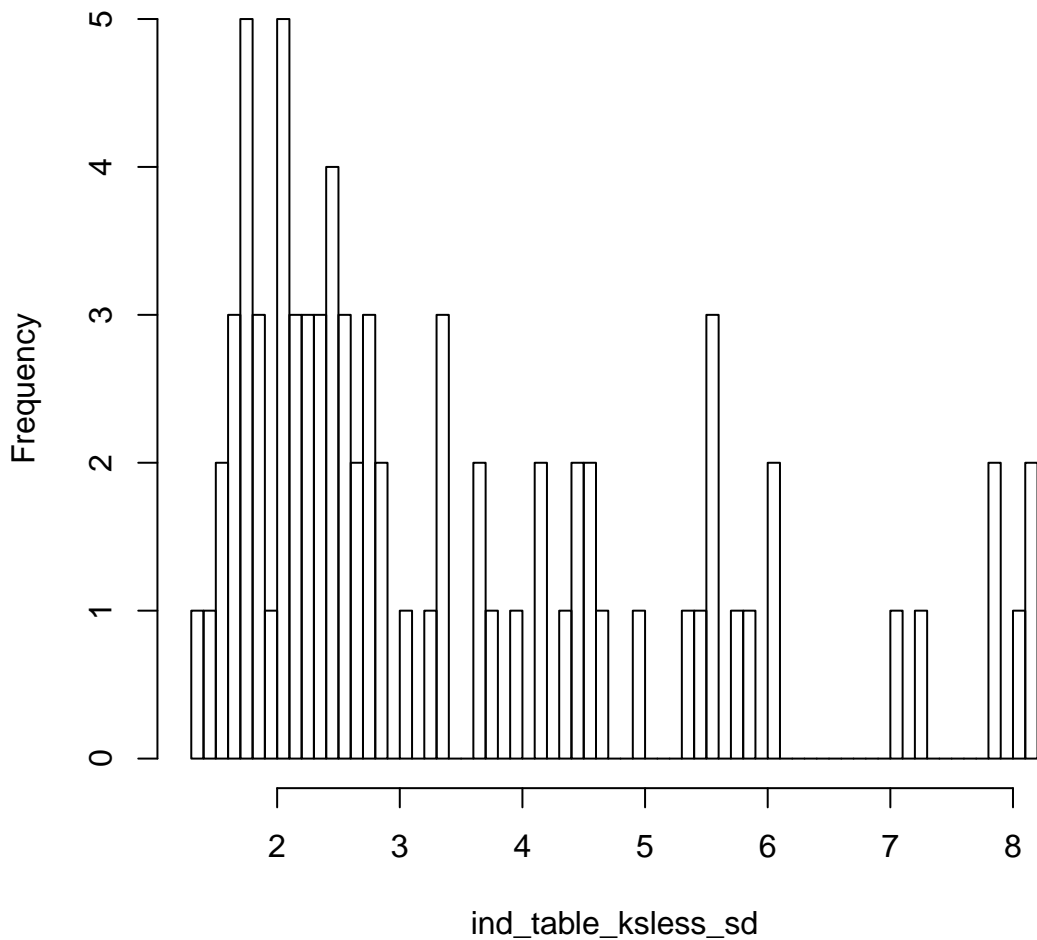
**Histogram of ind\_table\_ksless\_median**



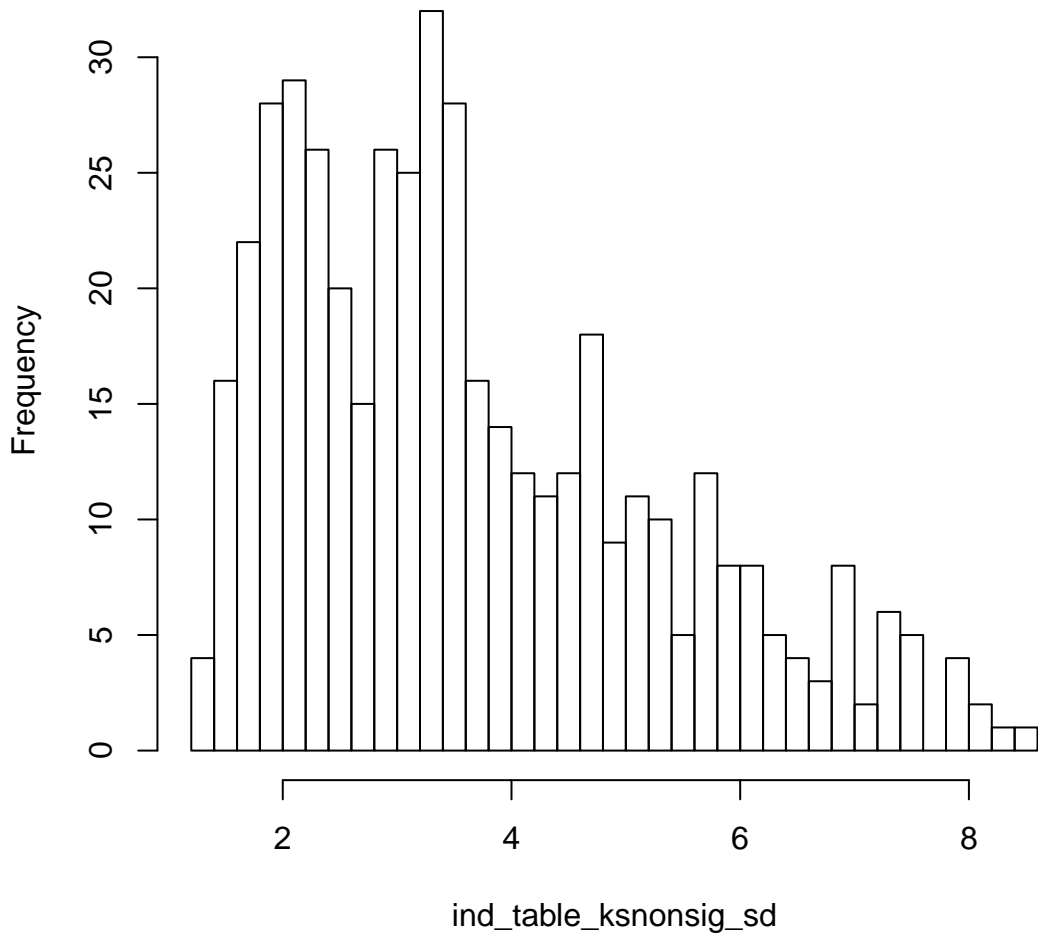
**Histogram of ind\_table\_ksnonsig\_median**



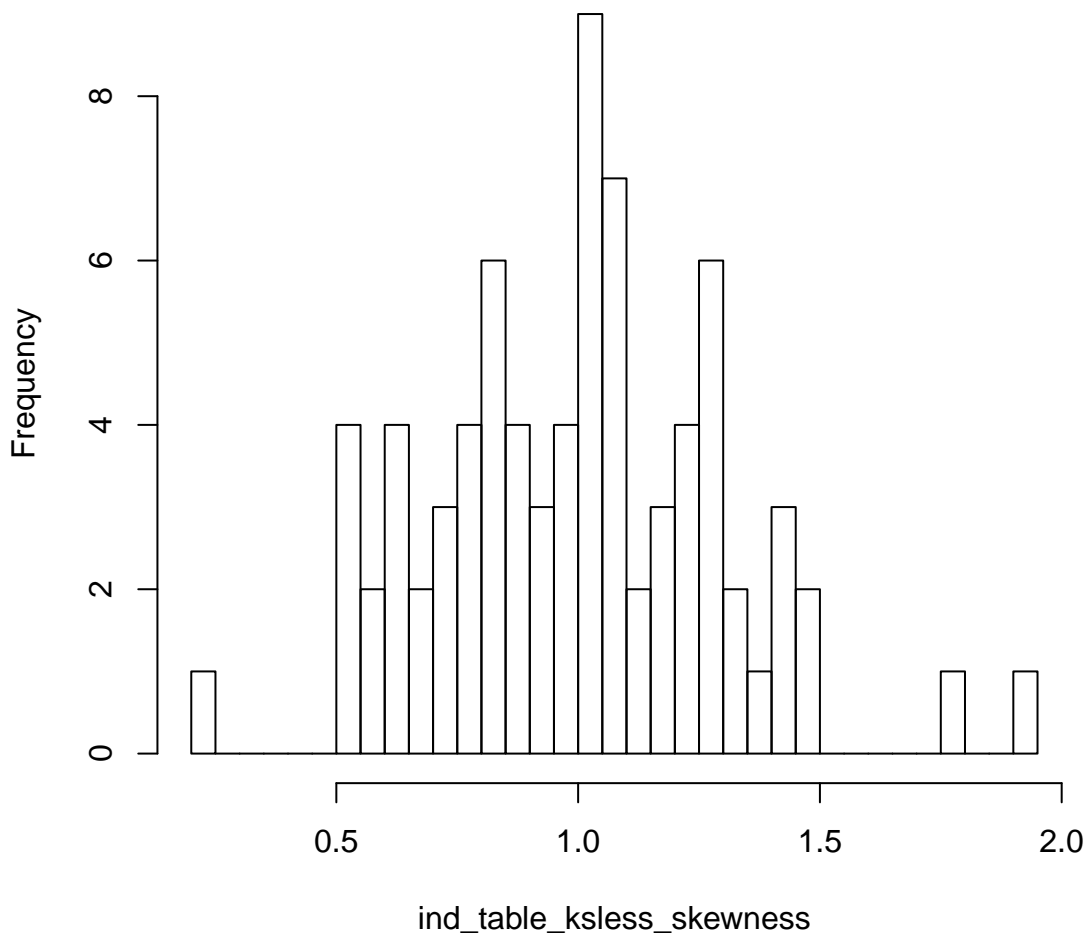
**Histogram of ind\_table\_ksless\_sd**



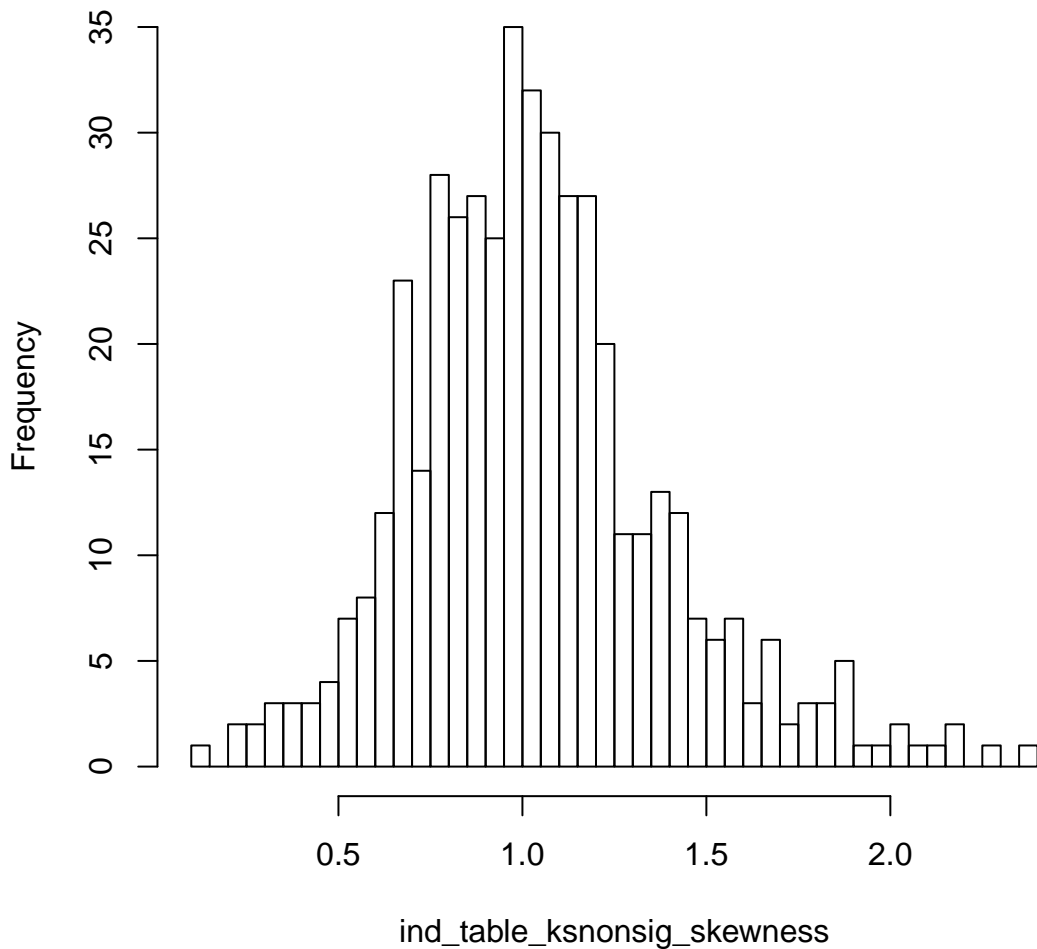
**Histogram of ind\_table\_ksnonsig\_sd**



**Histogram of ind\_table\_ksless\_skewness**

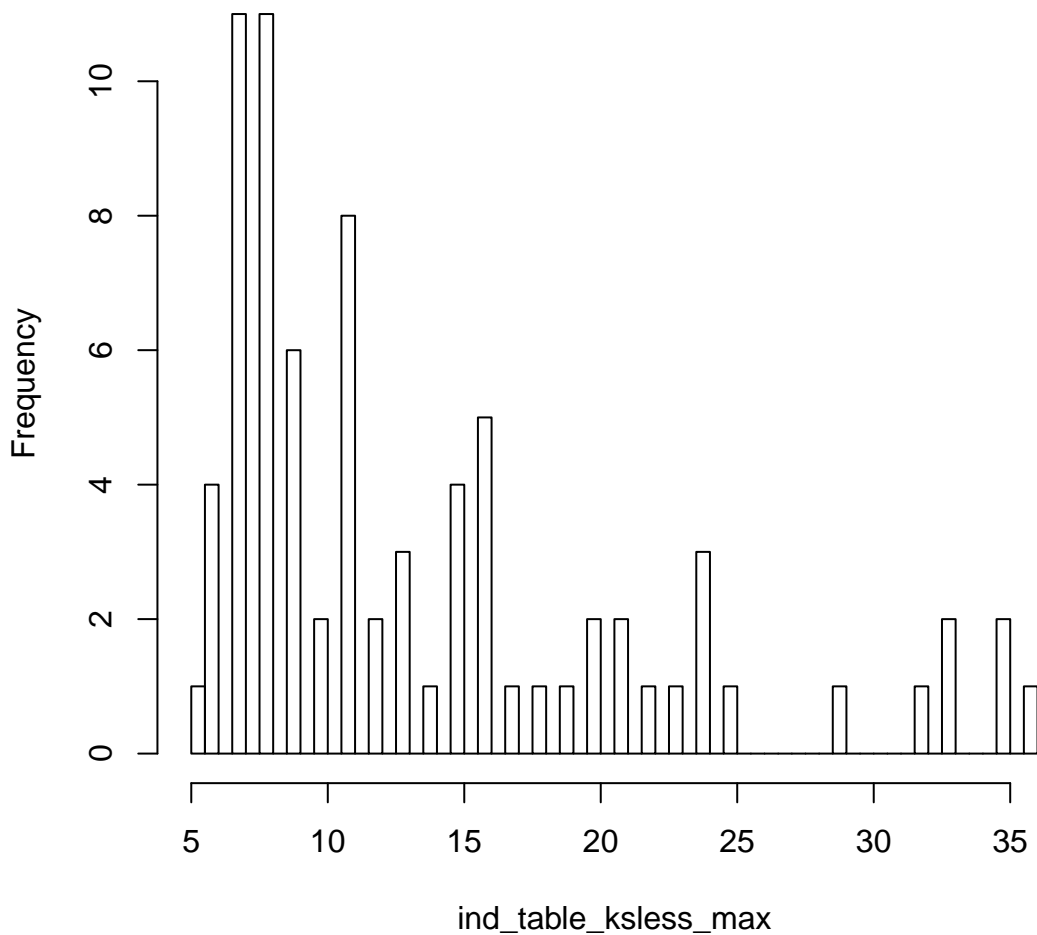


**Histogram of ind\_table\_ksnonsig\_skewness**





**Histogram of ind\_table\_ksless\_max**



**Histogram of ind\_table\_ksnonsig\_max**

