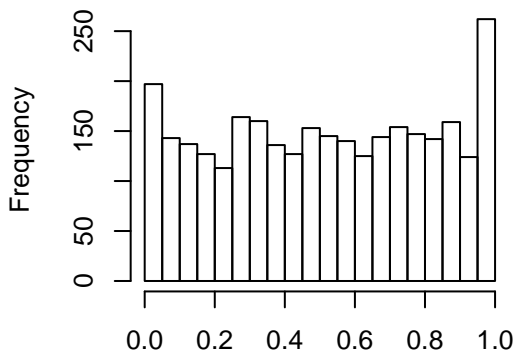
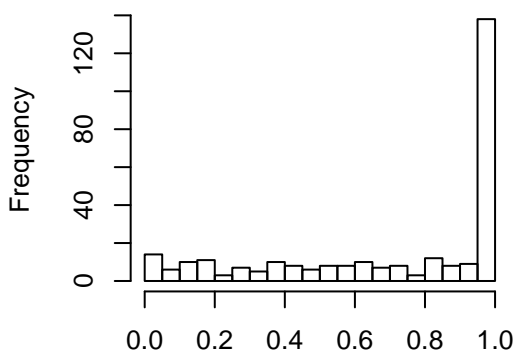


perm pvalues



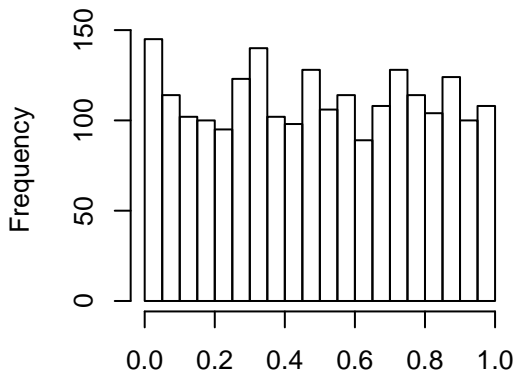
rawp
n=2999

s,rawM_0zero_num<max(20,min(rawM_0zero_num,100))



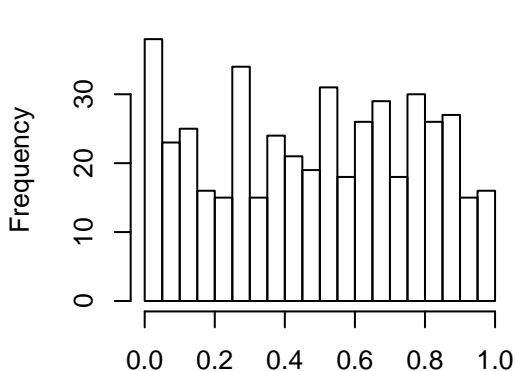
rawp[rawM_0zero_num < max(20, min(rawM_0zero_num, 100))]
n=291, ks_pval=0

perm pvalues,rawM_0zero_num >= 20-



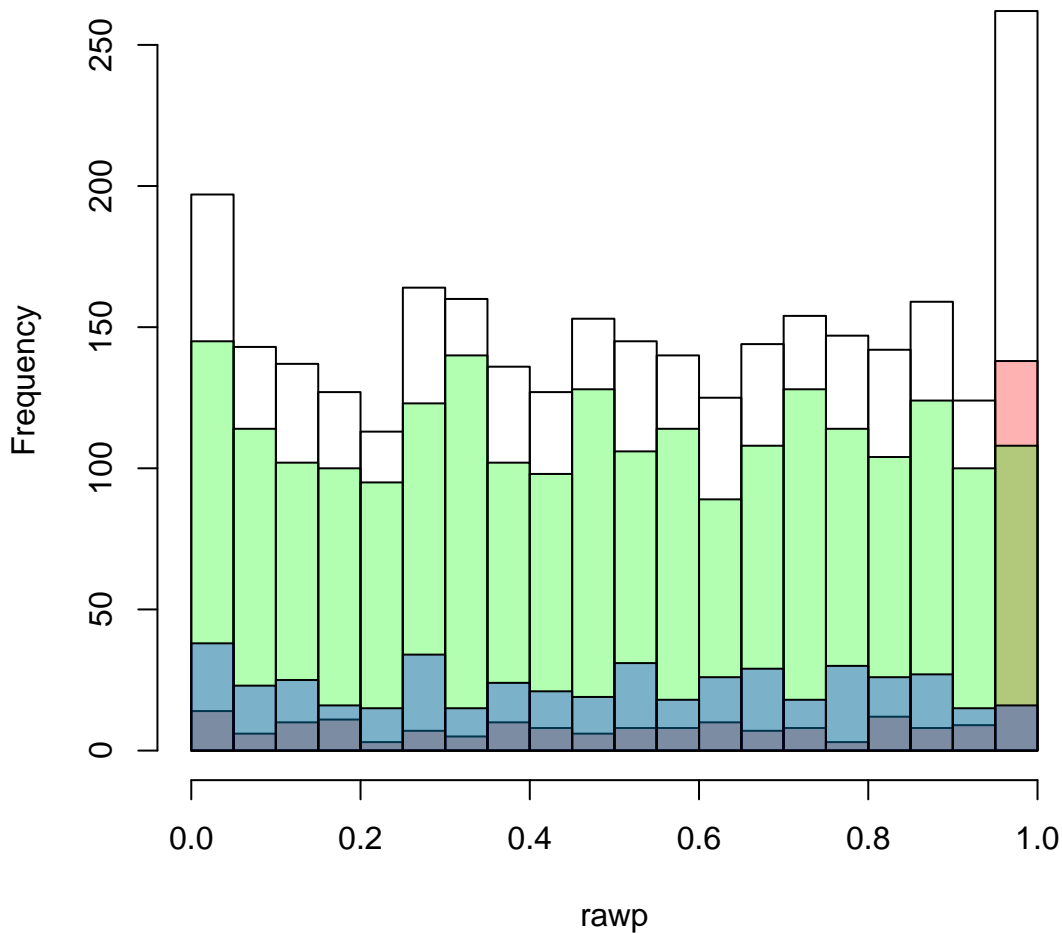
rawp[rawM_0zero_num >= 20 & rawM_0zero_num <= 100]
n=2242, ks_pval=0.847614962556418

perm pvalues,rawM_0zero_num >= 100-

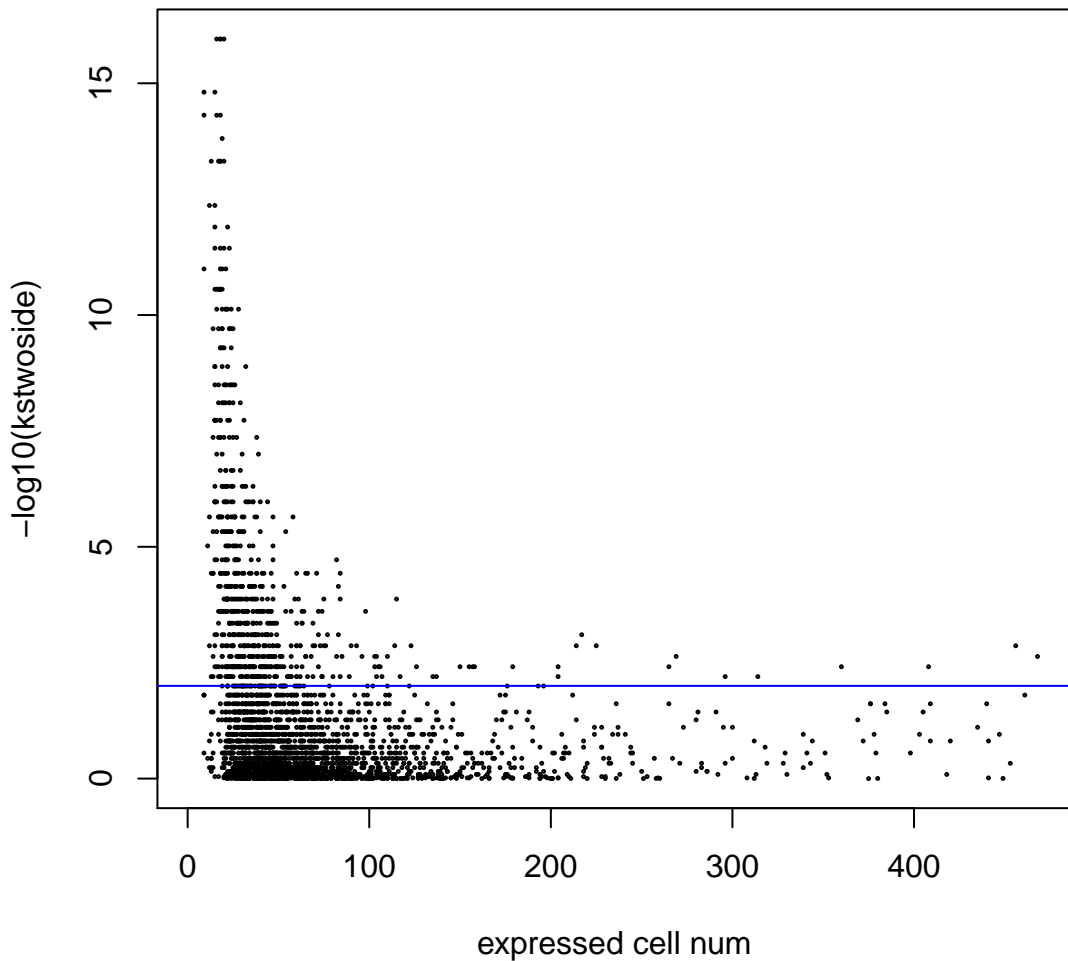


rawp[rawM_0zero_num >= 100]
n=466, ks_pval=0.877734425242651

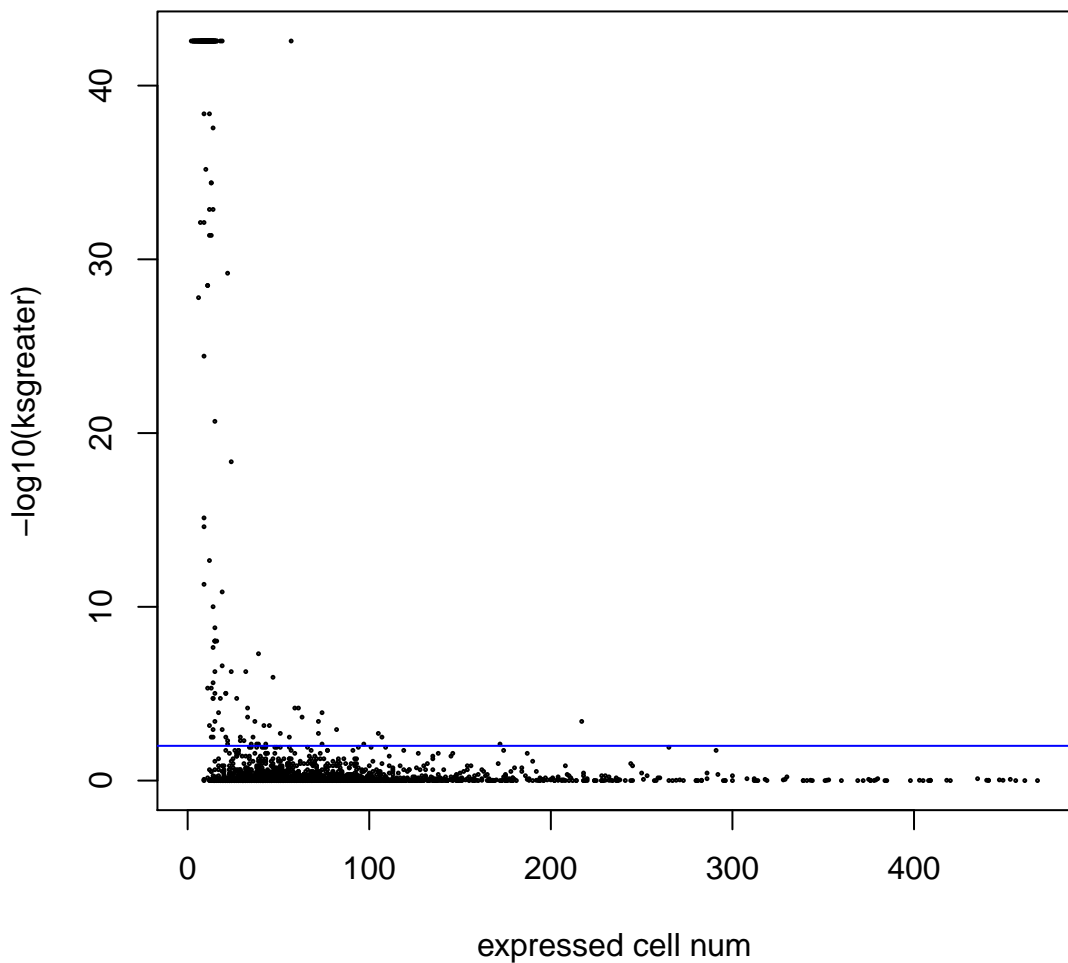
perm pvalues



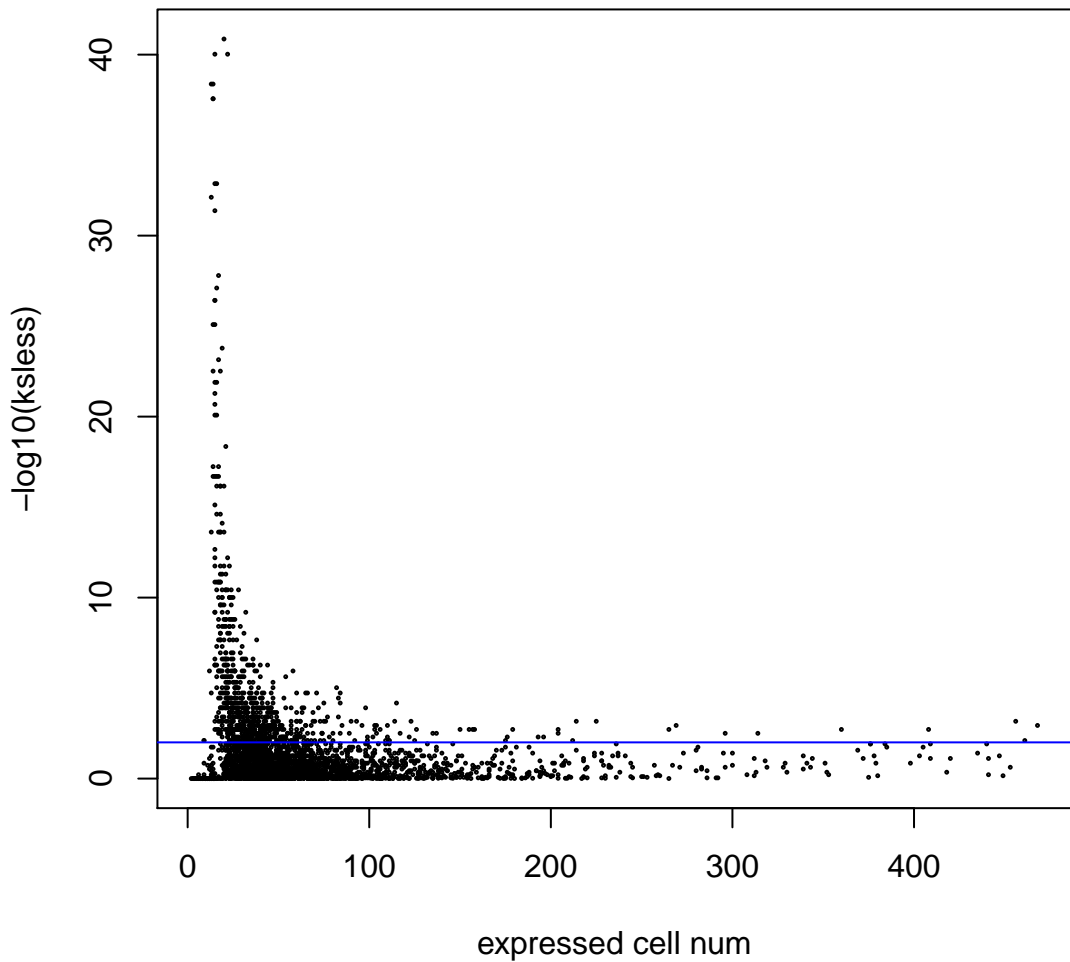
sig_KStwoside: 26.842%



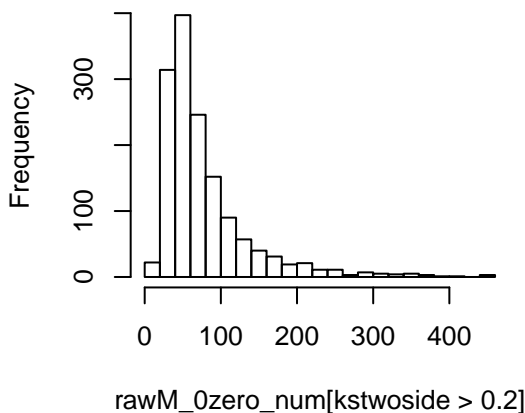
sig_KSgreater: 6.435%



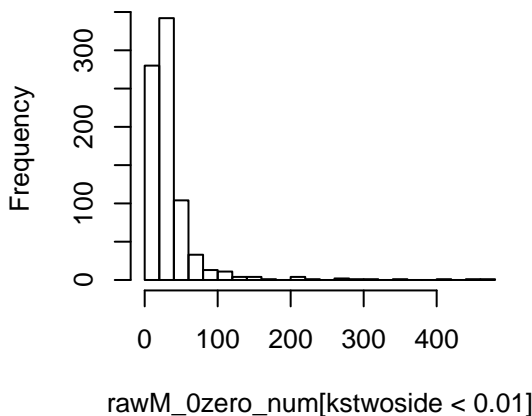
sig_KSless: 24.808%



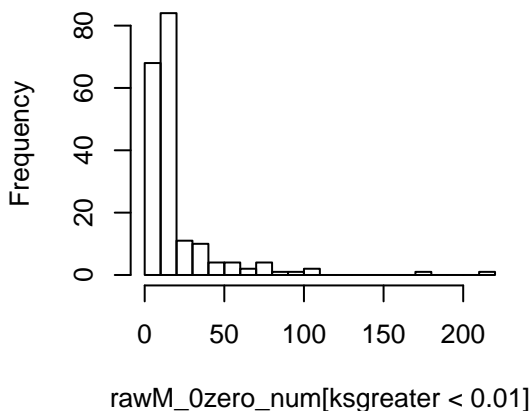
expression cell num,kstwoside>0.2



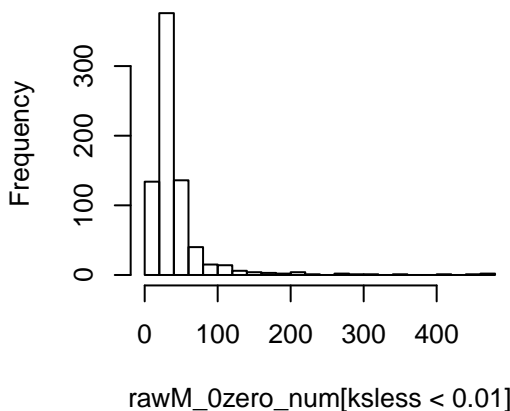
expression cell num,kstwoside<0.01



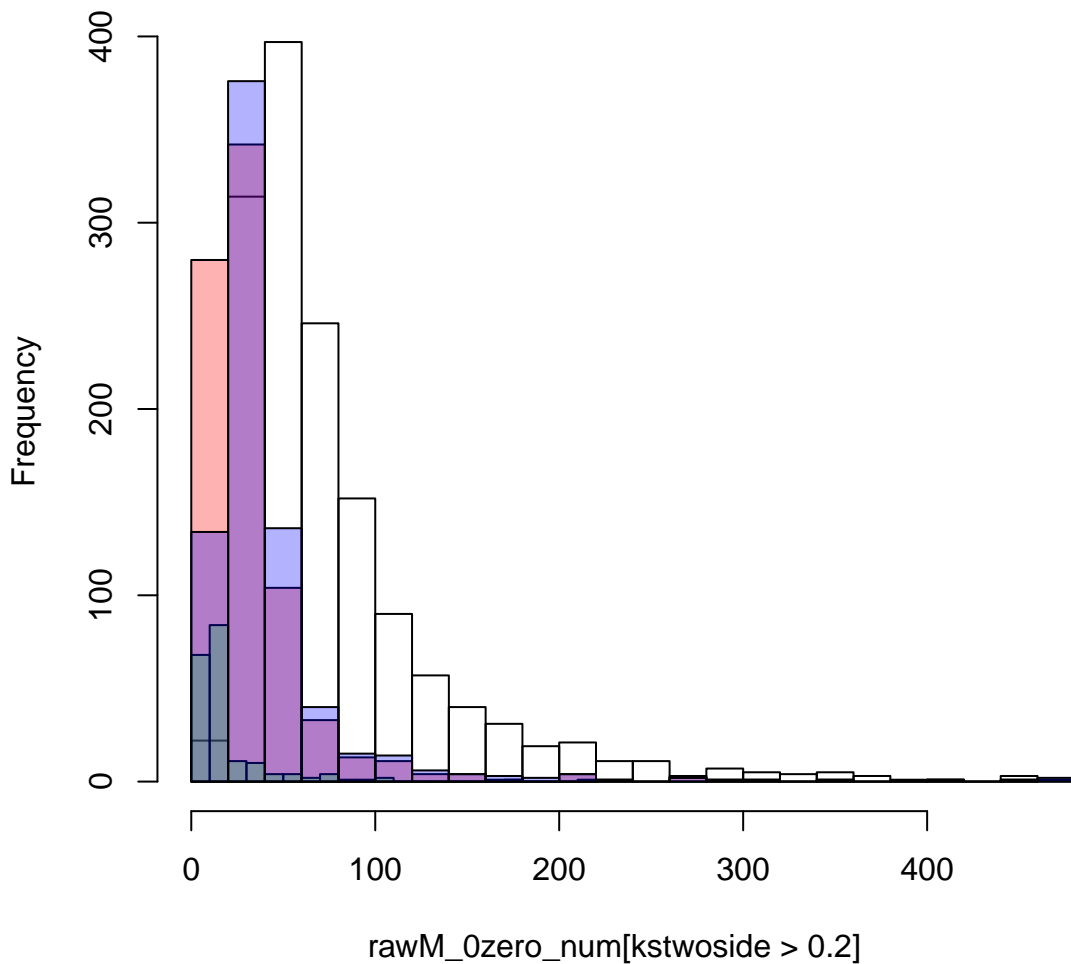
expression cell num,ksgreater<0.01



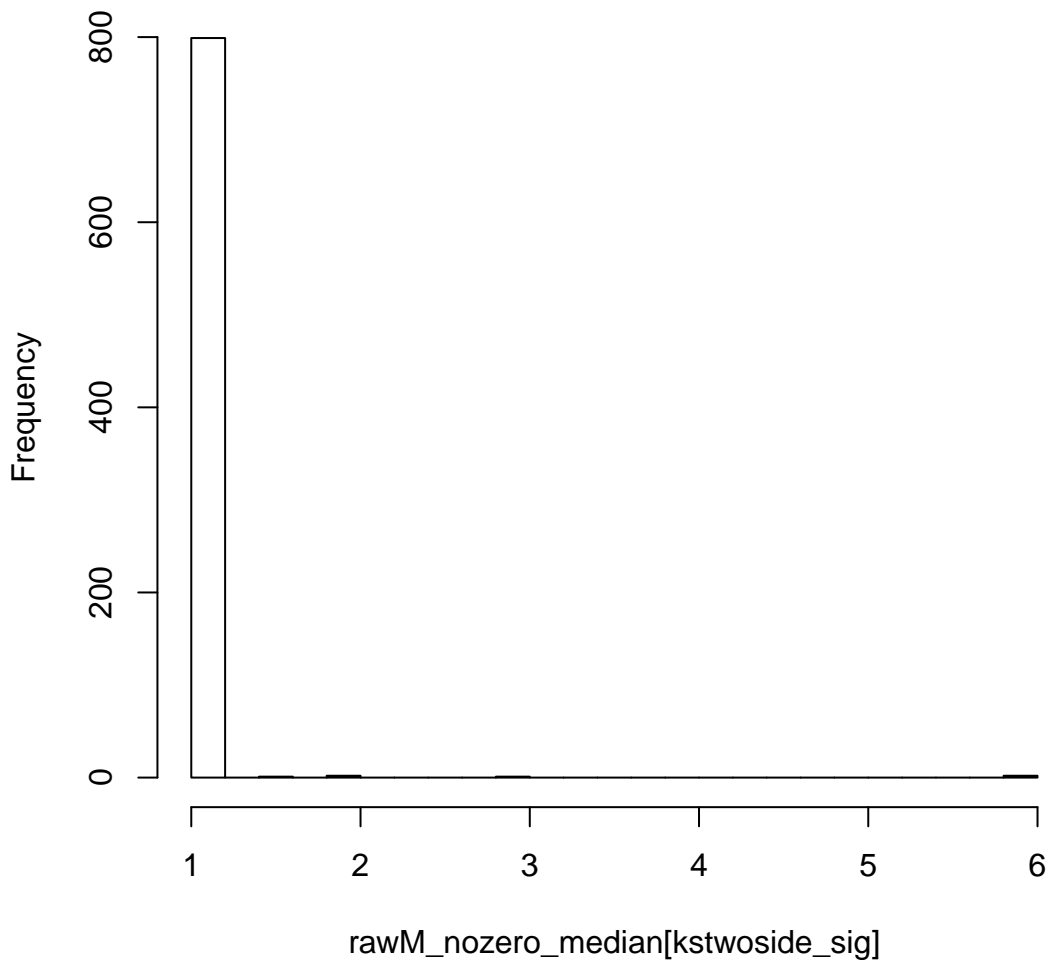
expression cell num,ksless<0.01



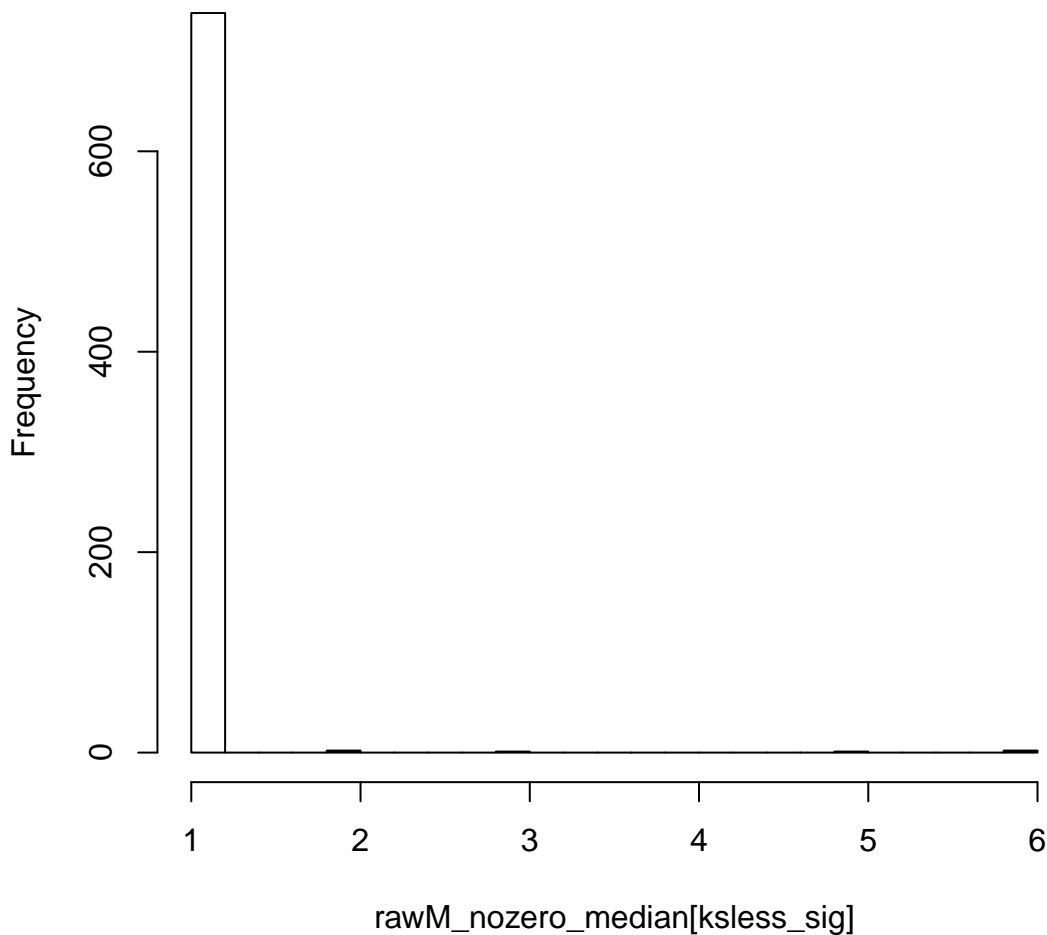
expression cell num



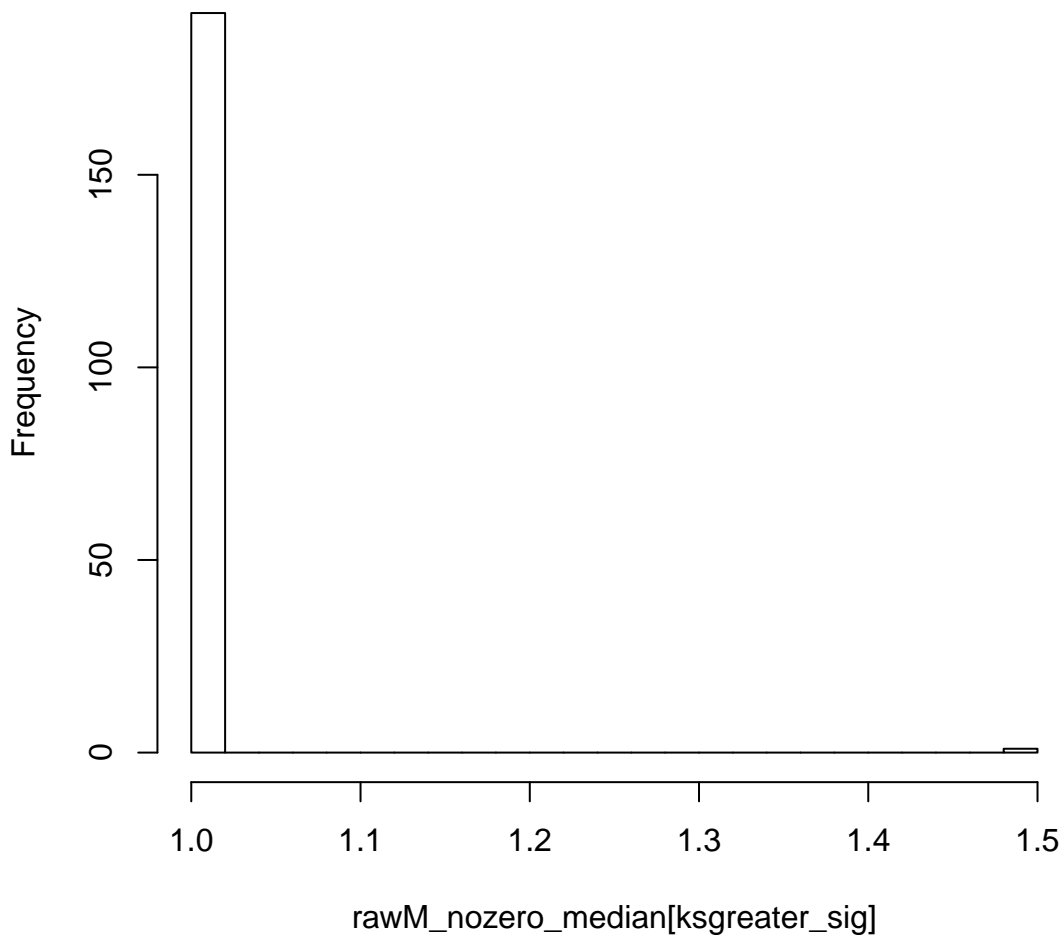
median of nozero log-express of genes, kstwoside sig



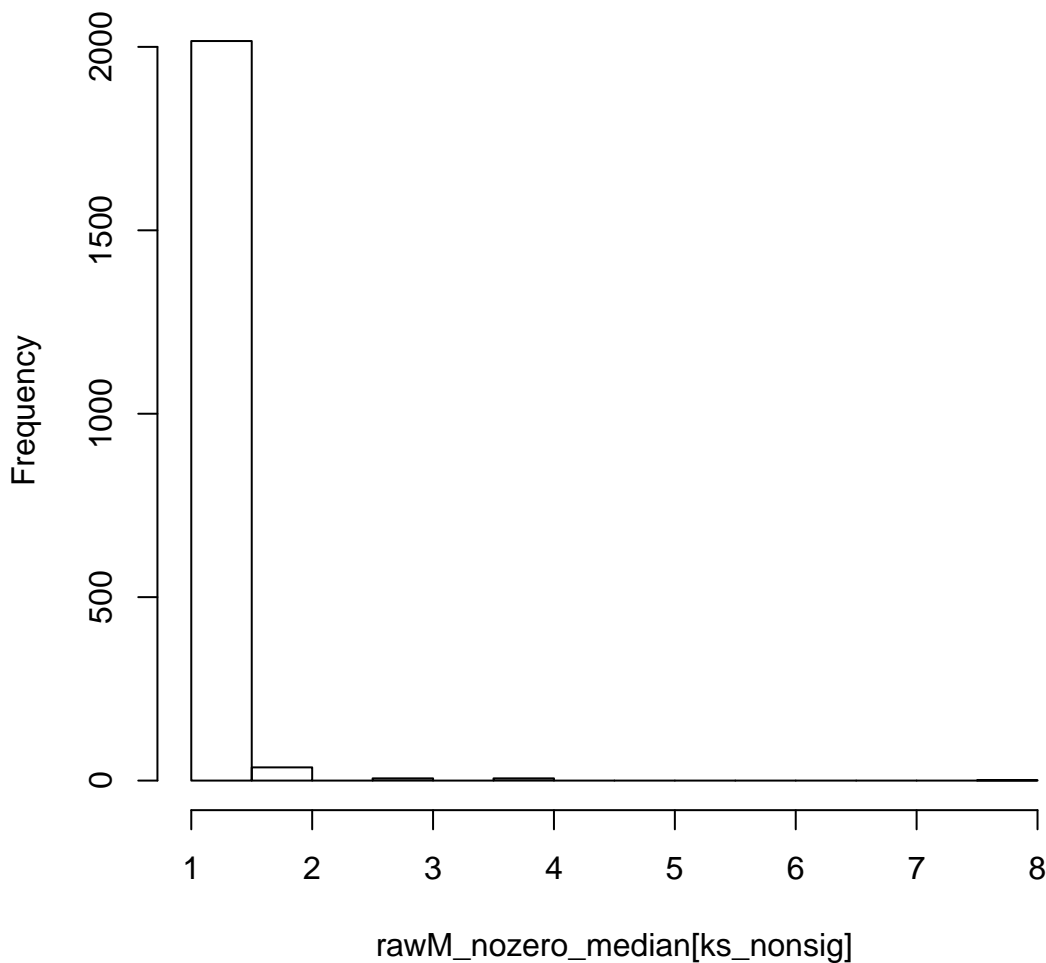
median of nozero log-express of genes, ksless sig



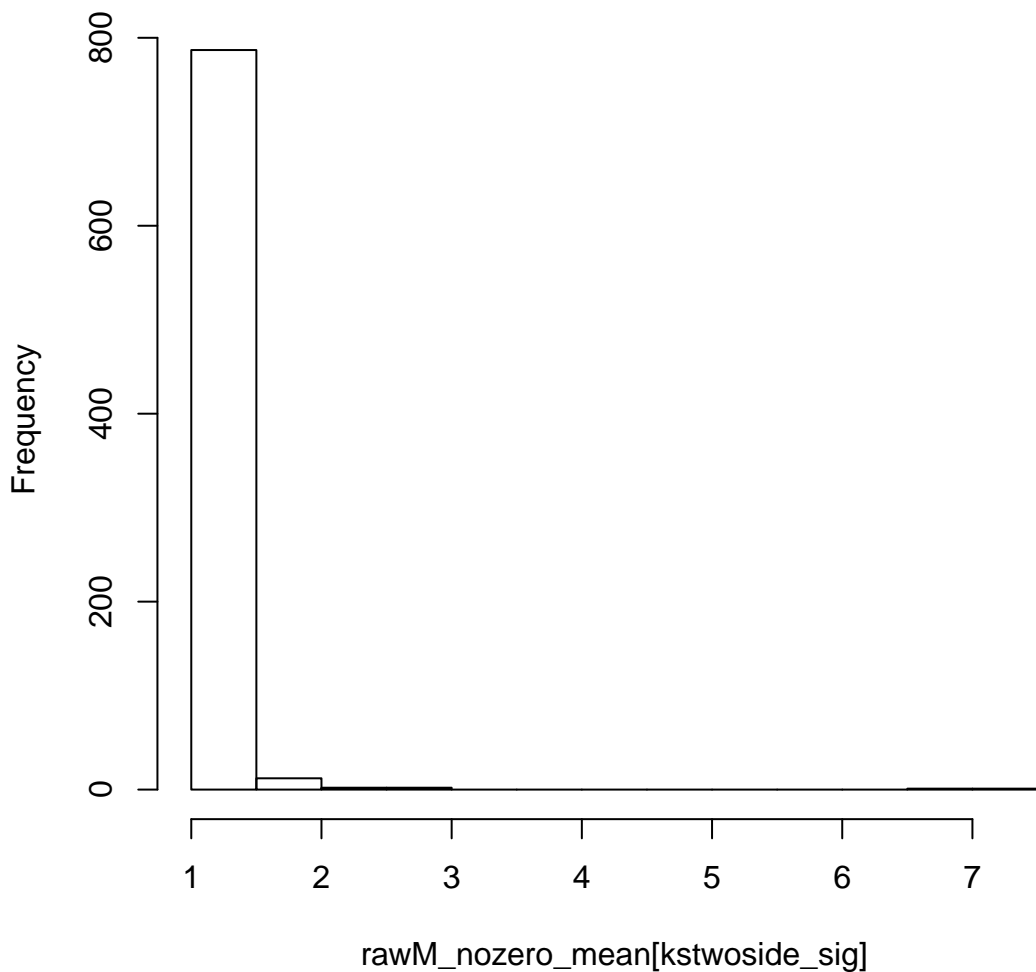
median of nozero log-express of genes,ksgreater sig



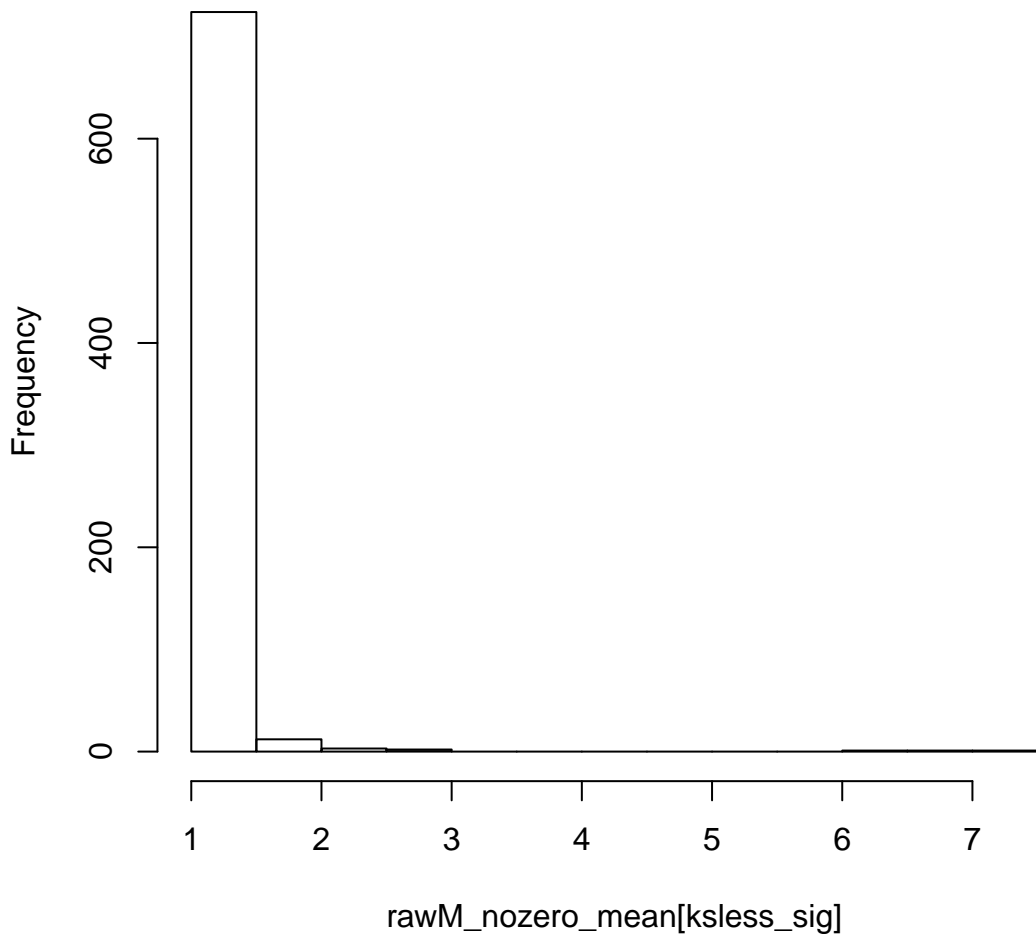
median of nozero log-expres of genes,ks no sig



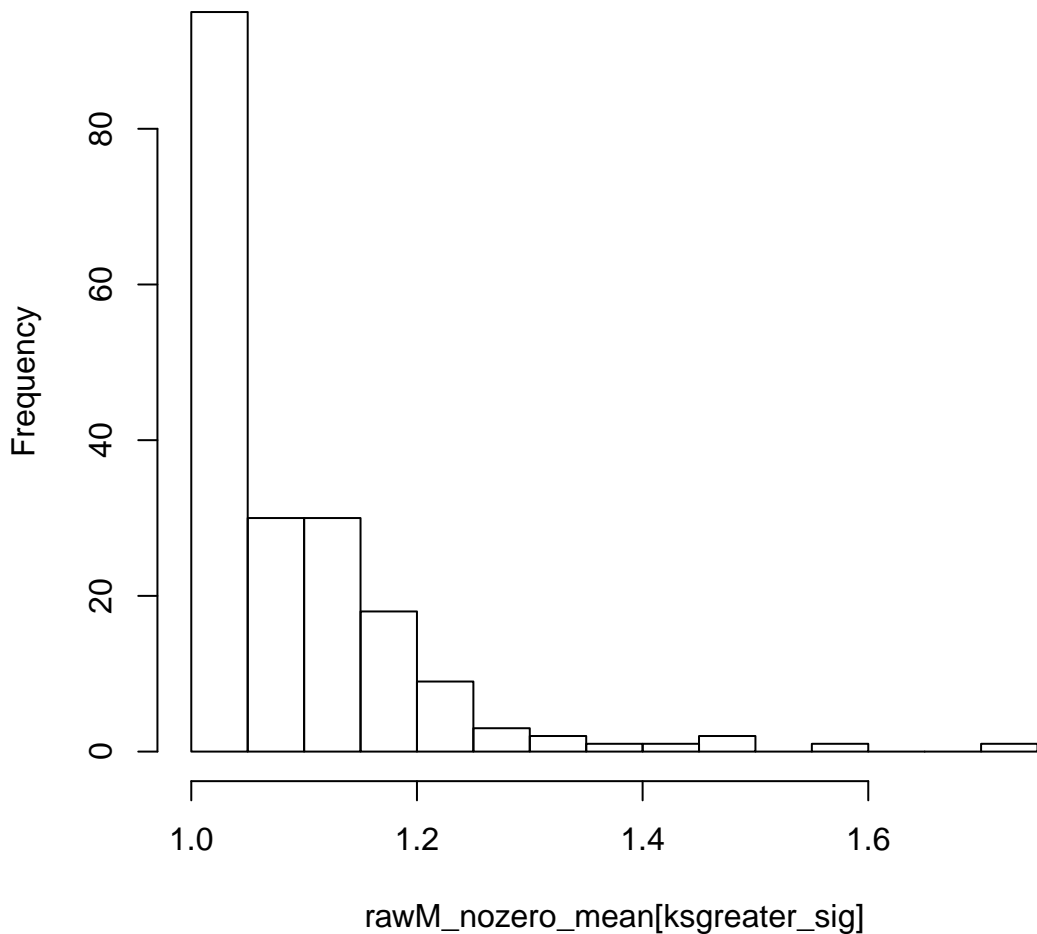
mean of nozero log-express of genes, kstwoside sig



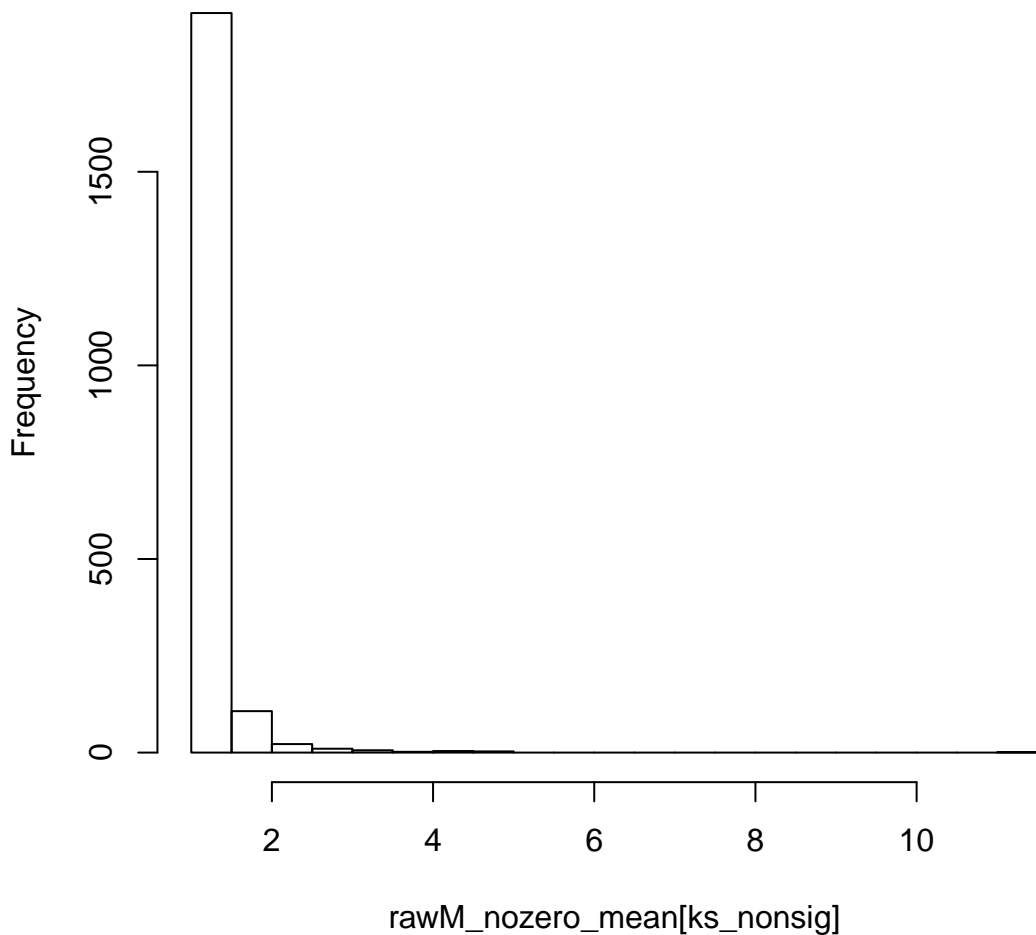
mean of nozero log-express of genes, ksless sig



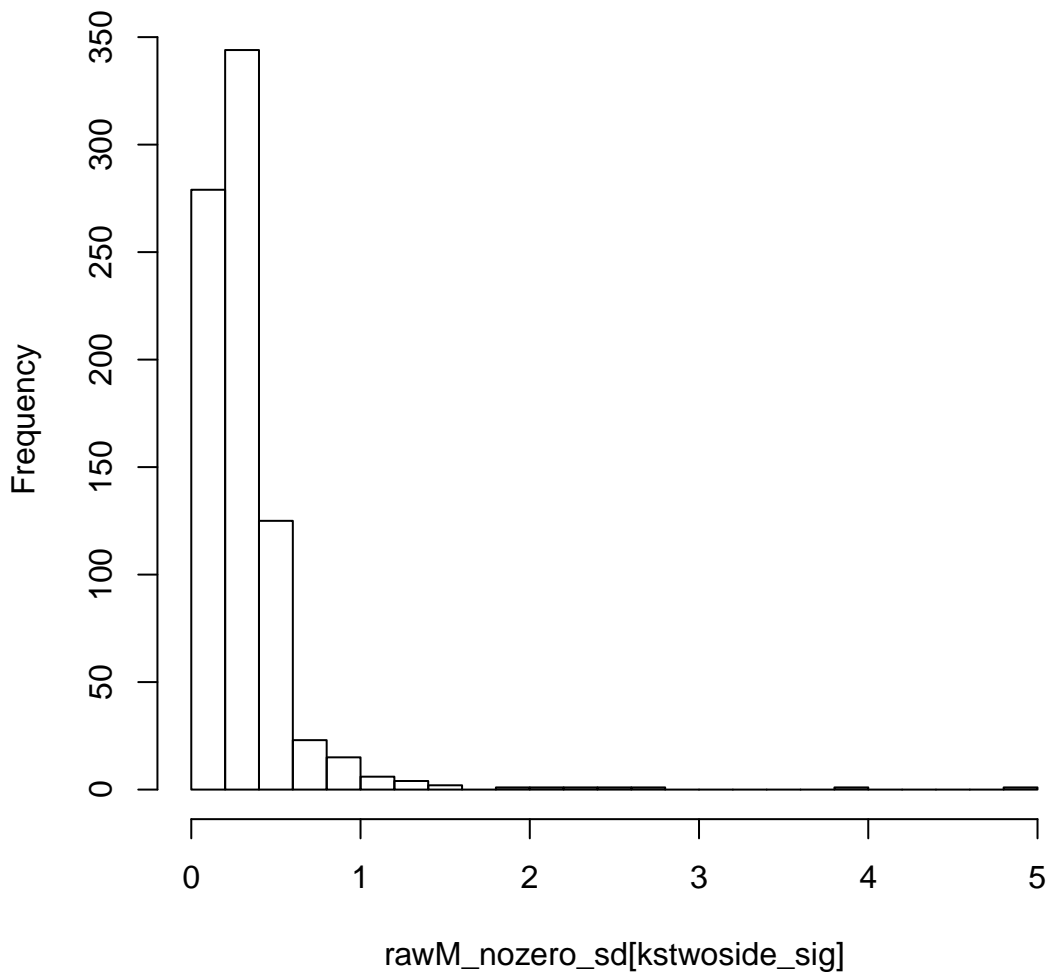
mean of nozero log-express of genes,ksgreater sig



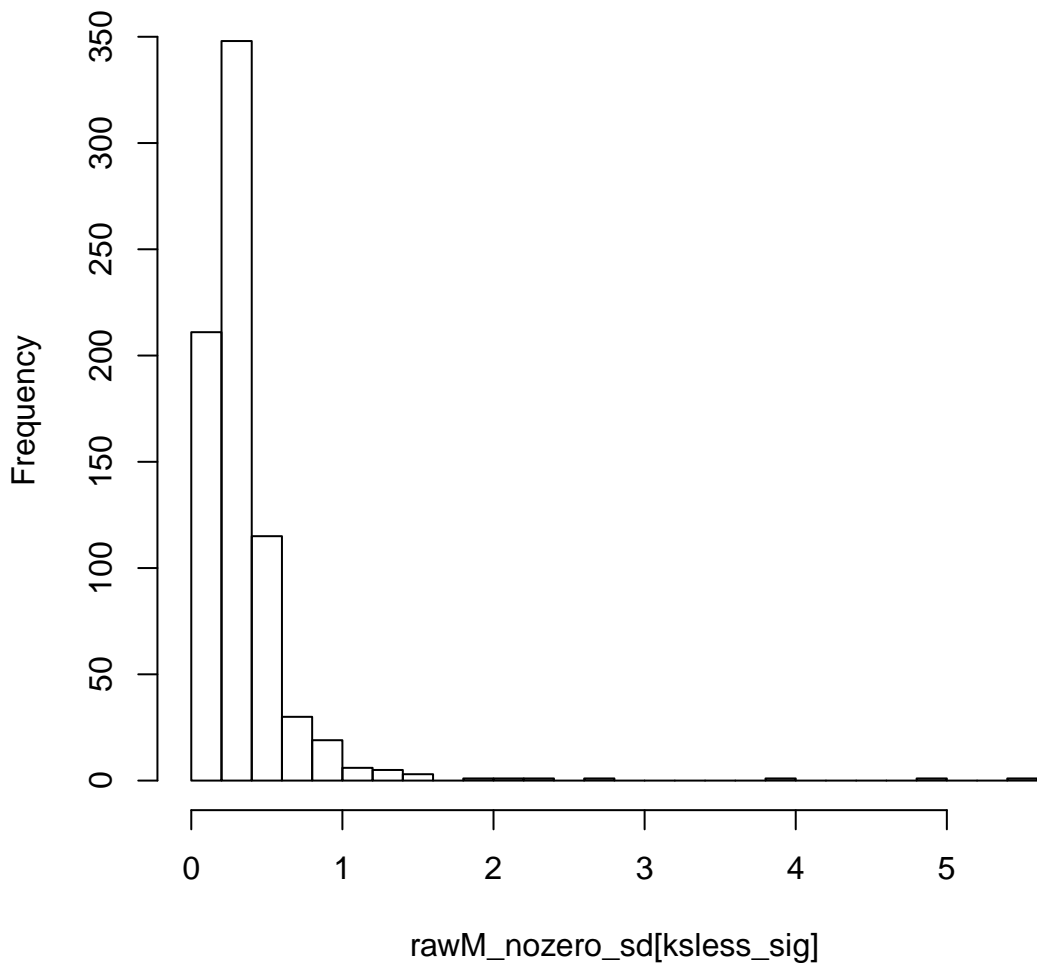
mean of nozero log-expres of genes,ks no sig



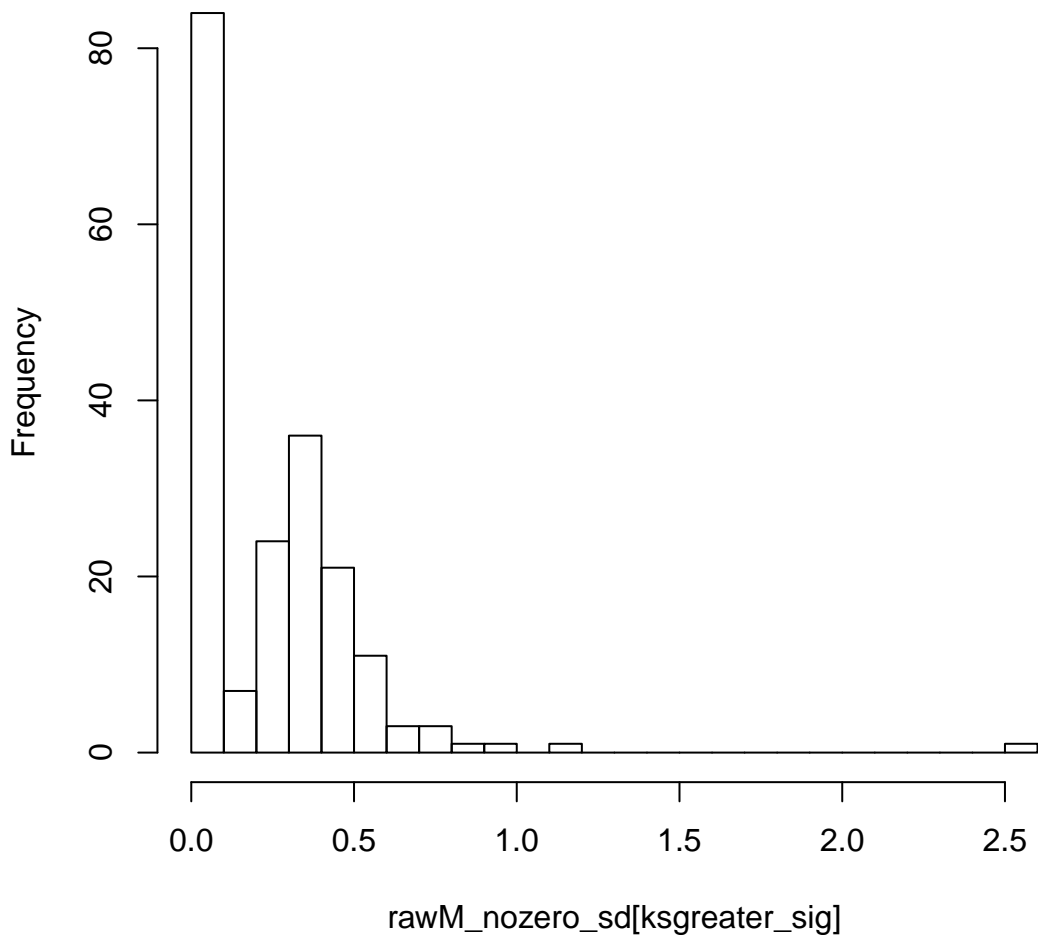
sd of nozero log-express of genes, kstwoside sig



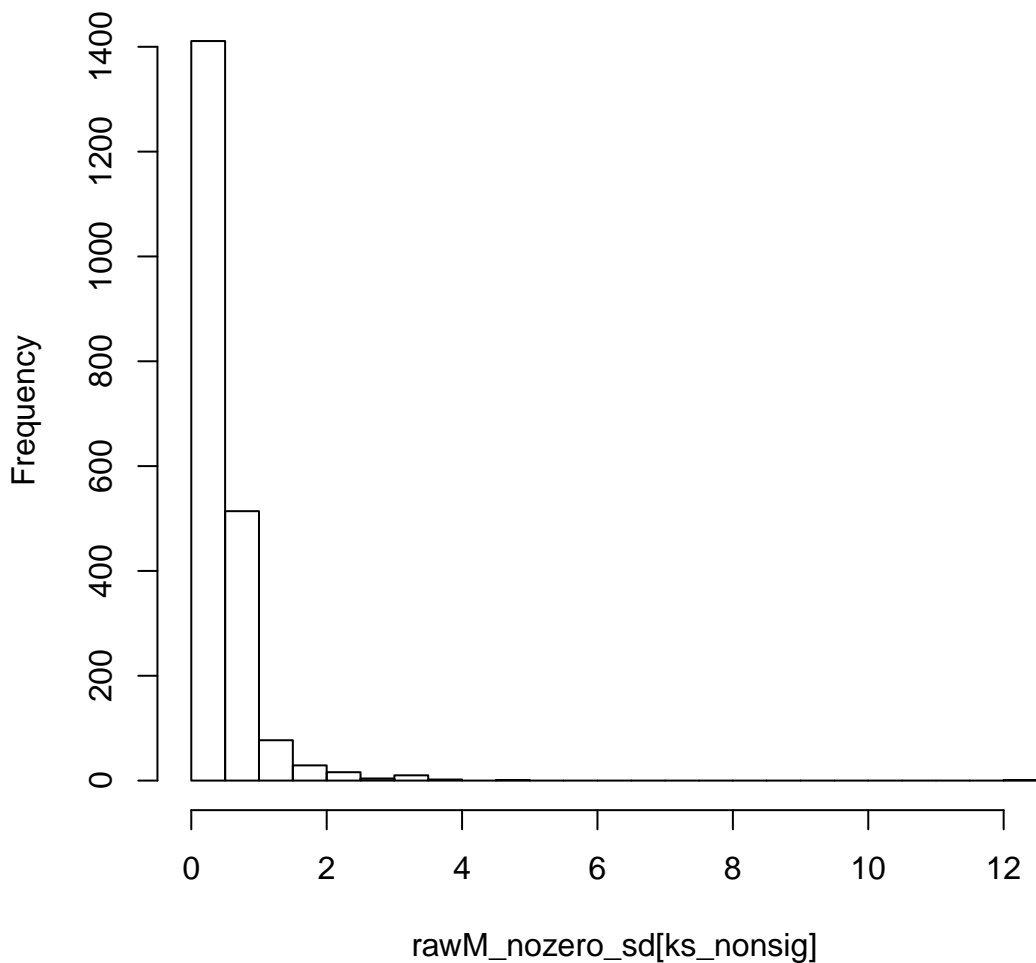
sd of nozero log-express of genes, ksless sig



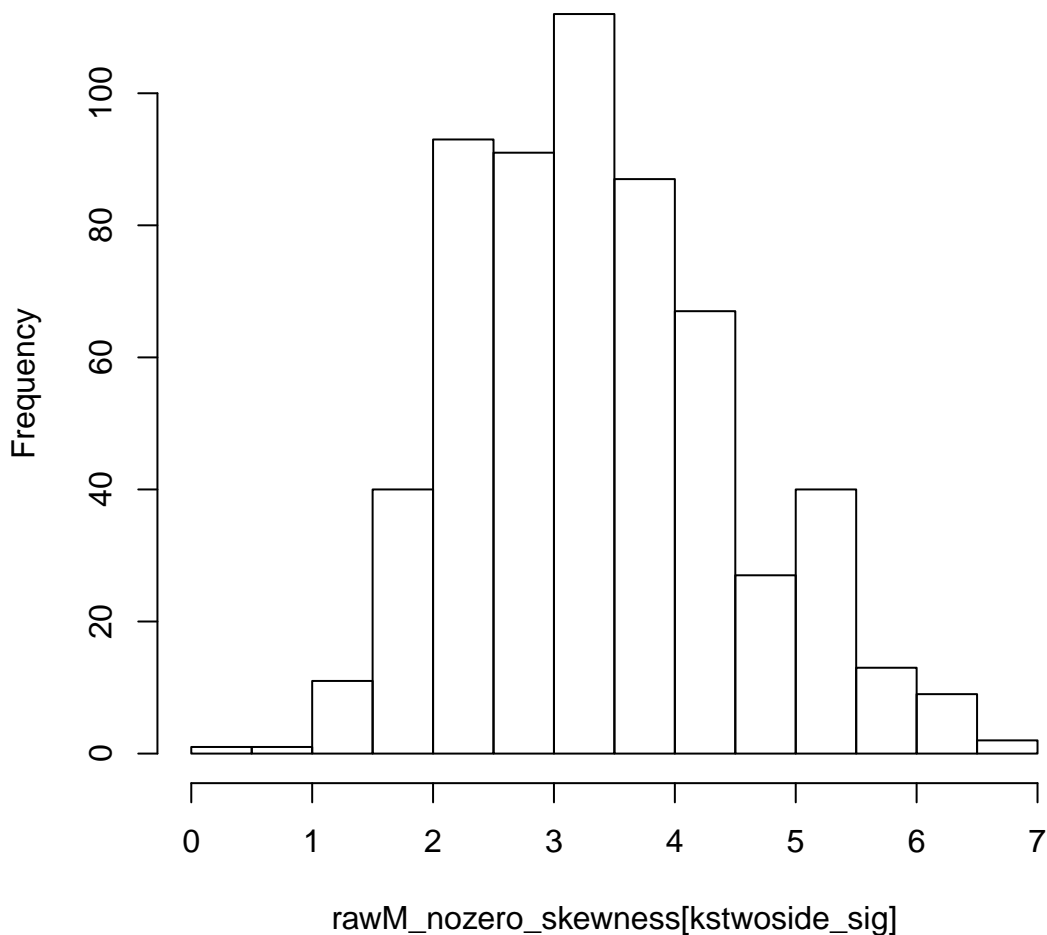
sd of nozero log-express of genes,ksgreater sig



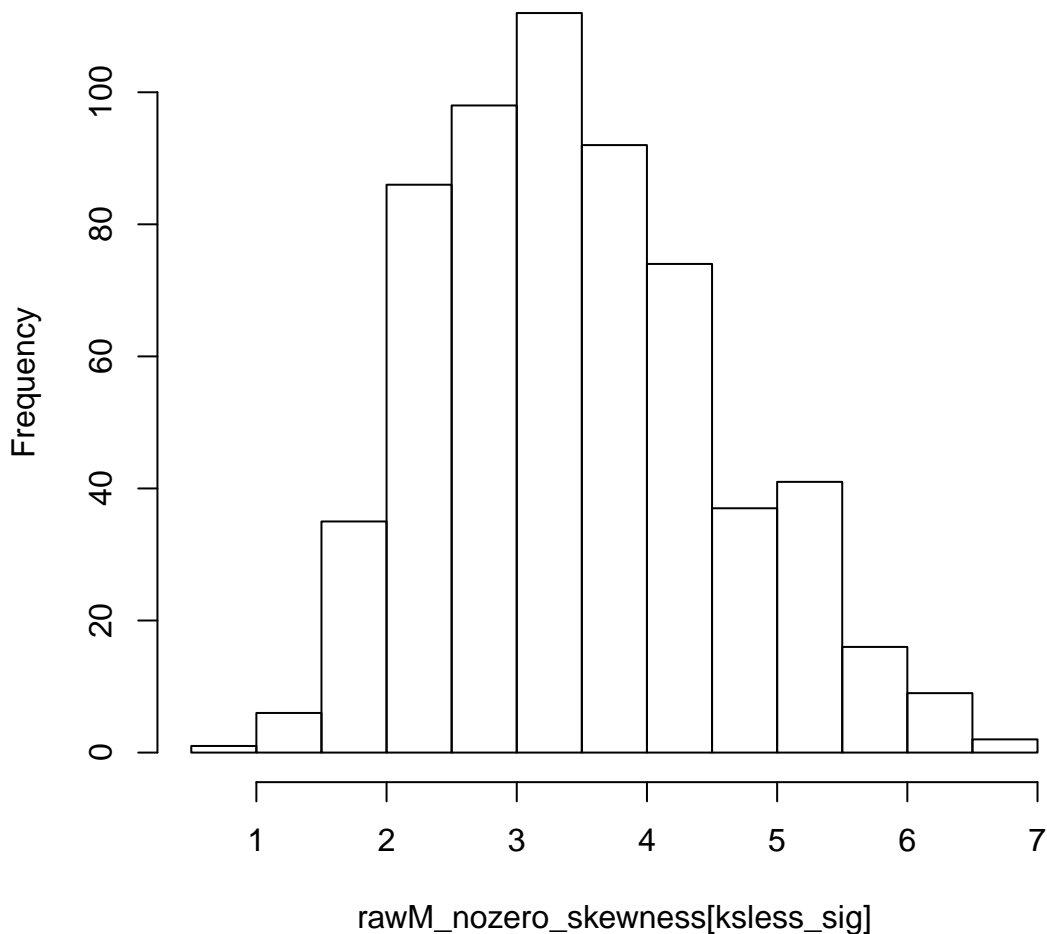
sd of nozero log-express of genes,ks no sig



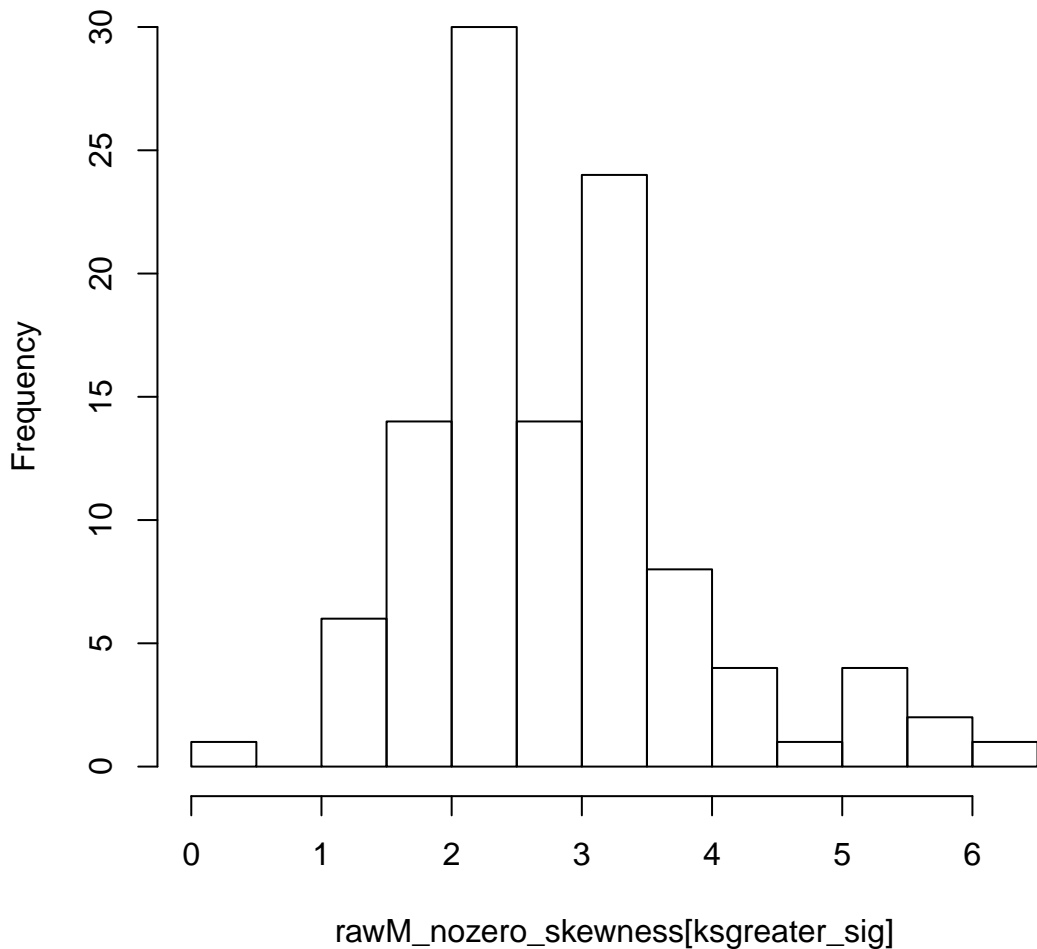
skewness of nozero log-express of genes, kstwo side sig



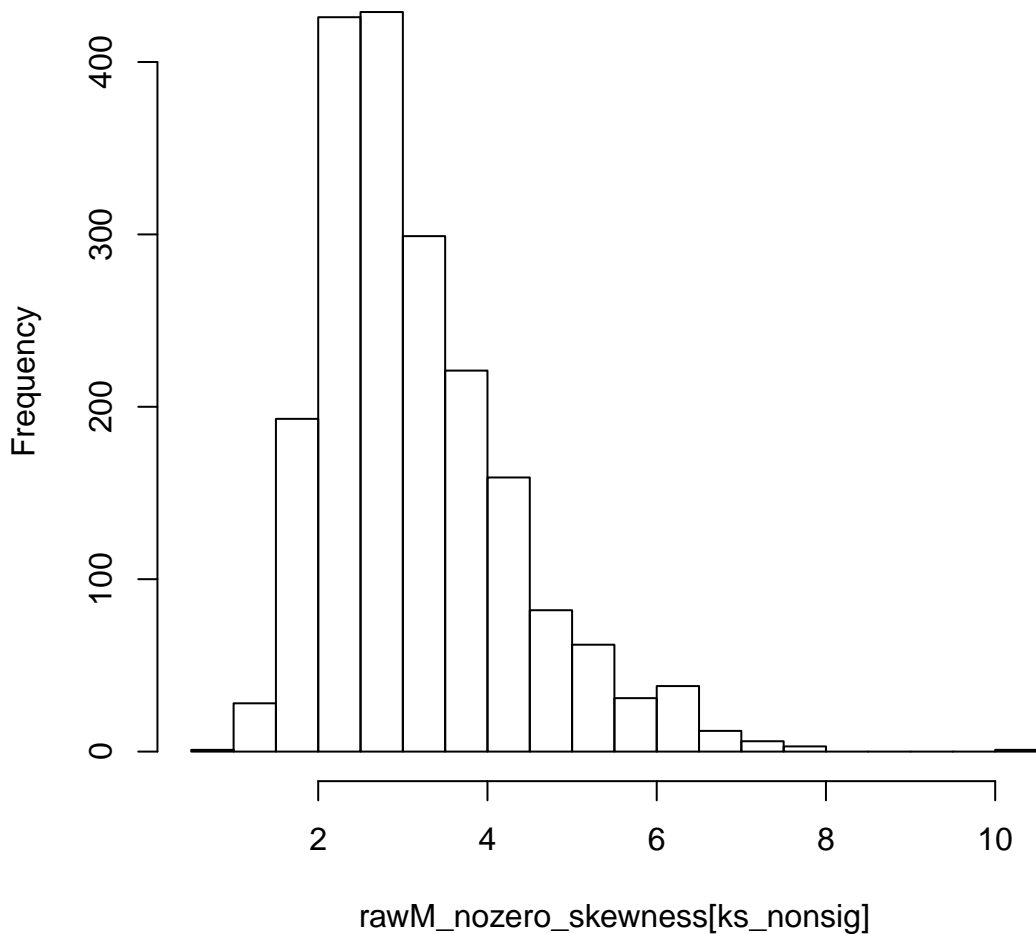
skewness of nozero log-express of genes, ksless sig



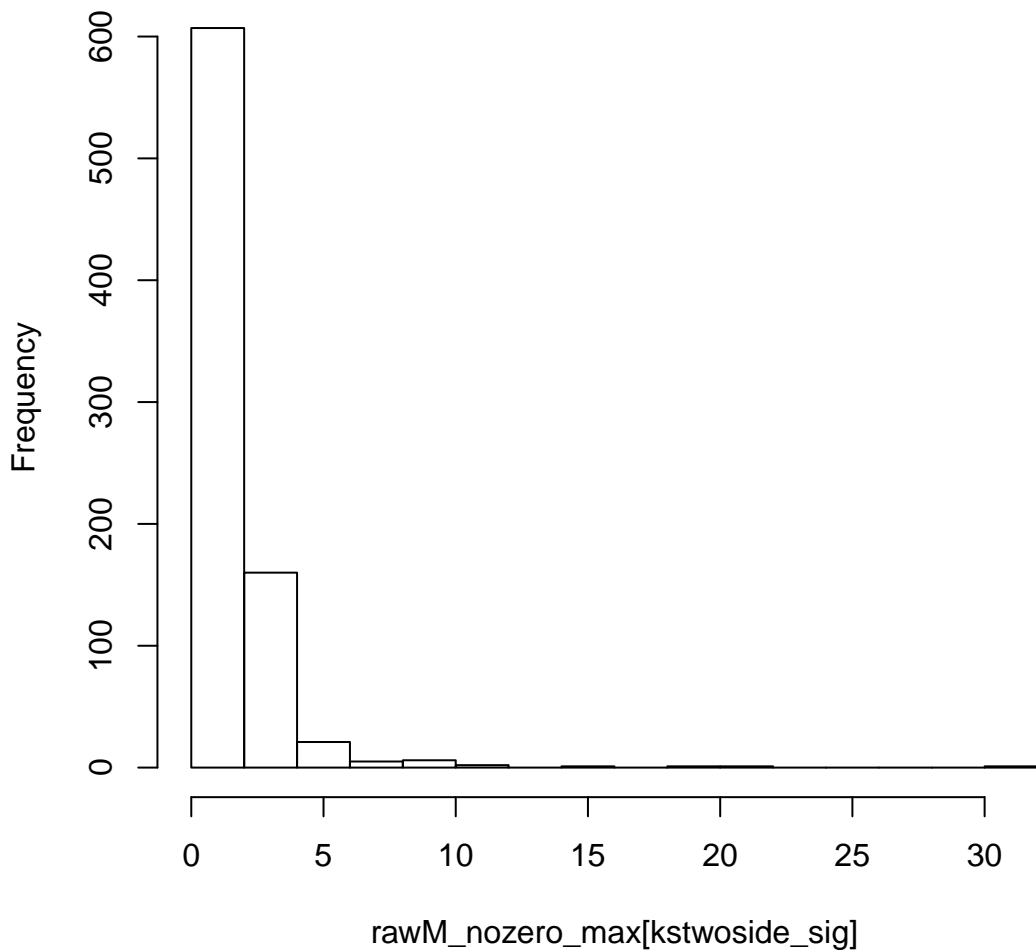
skewness of nozero log-express of genes,ksgreater sig



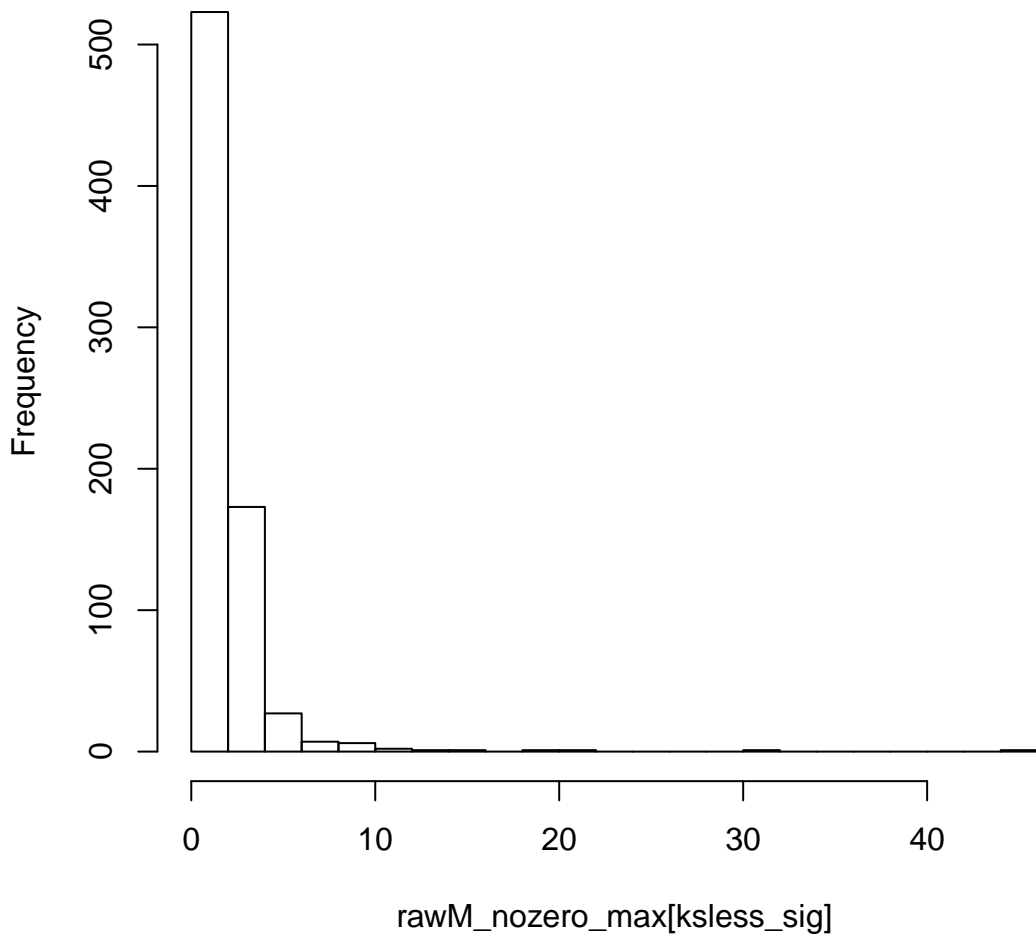
skewness of nozero log-express of genes,ks no sig



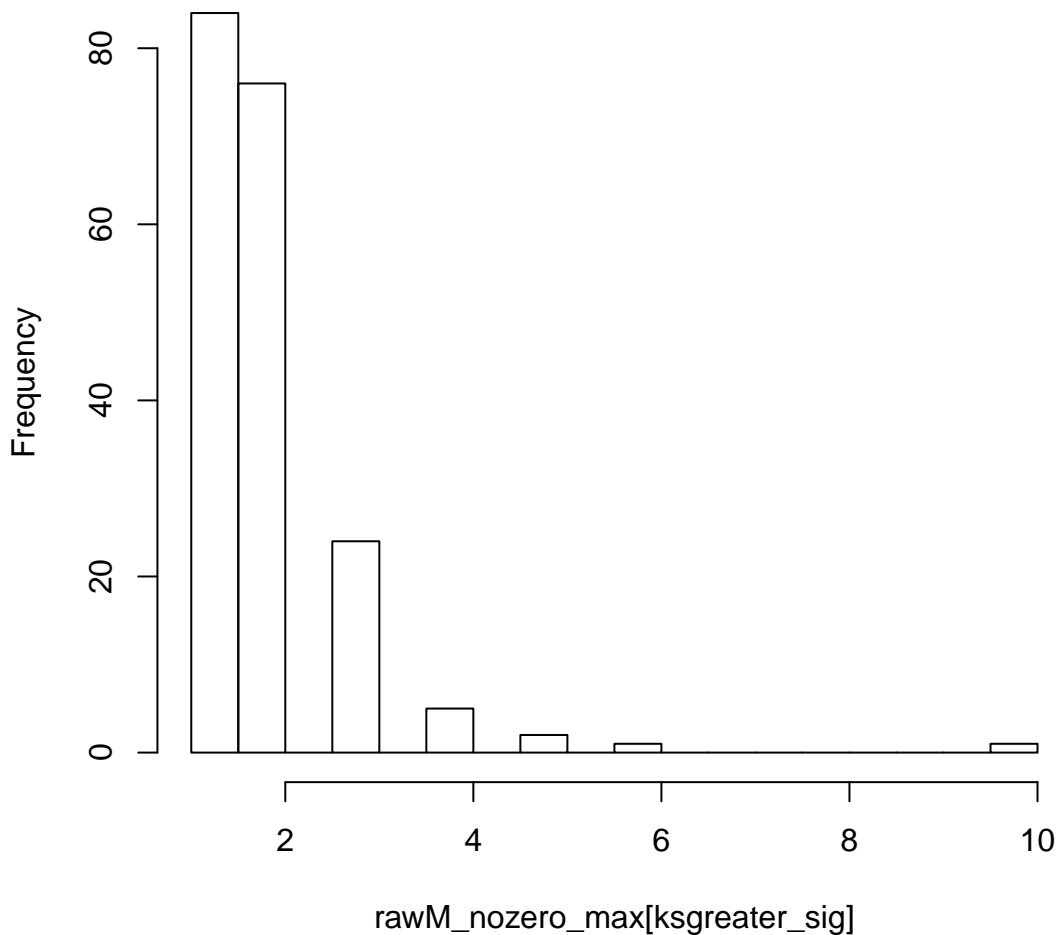
max of nozero log-express of genes, kstwside sig



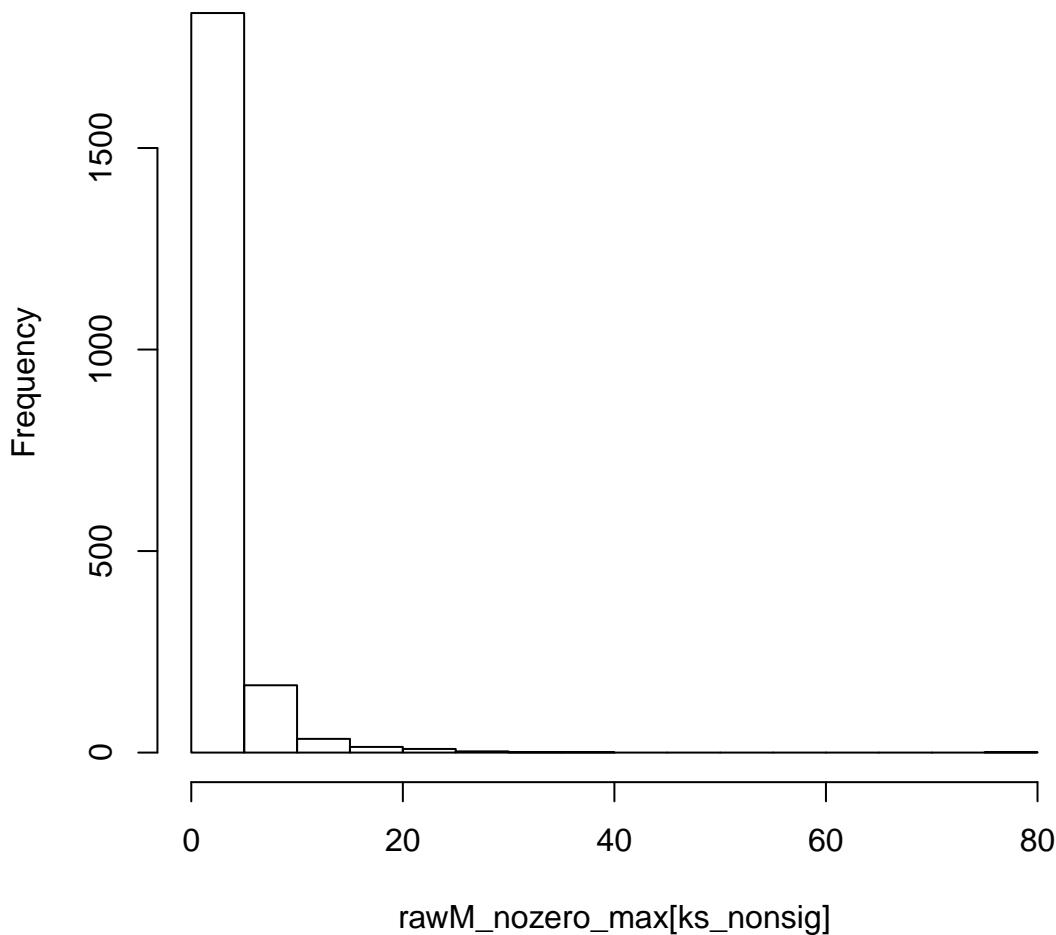
max of nozero log-express of genes, ksless sig



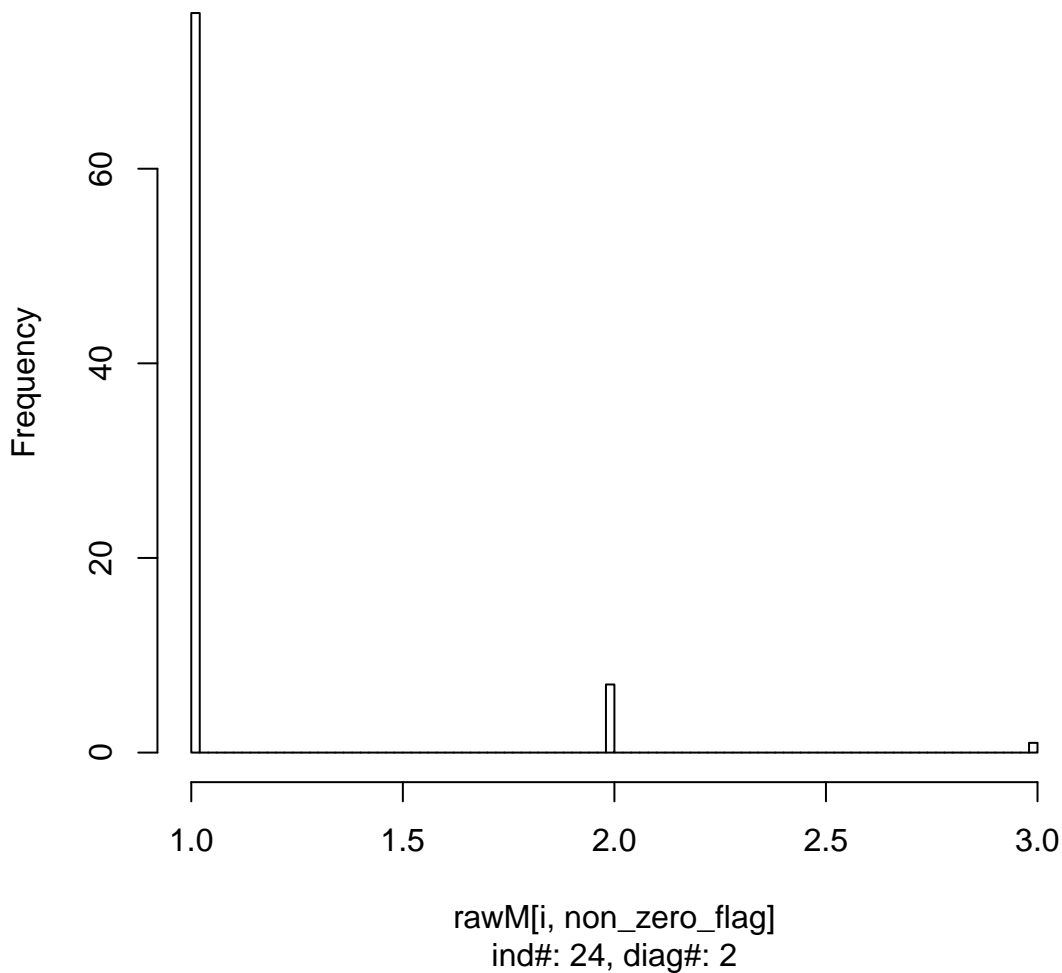
max of nozero log-express of genes,ksgreater sig



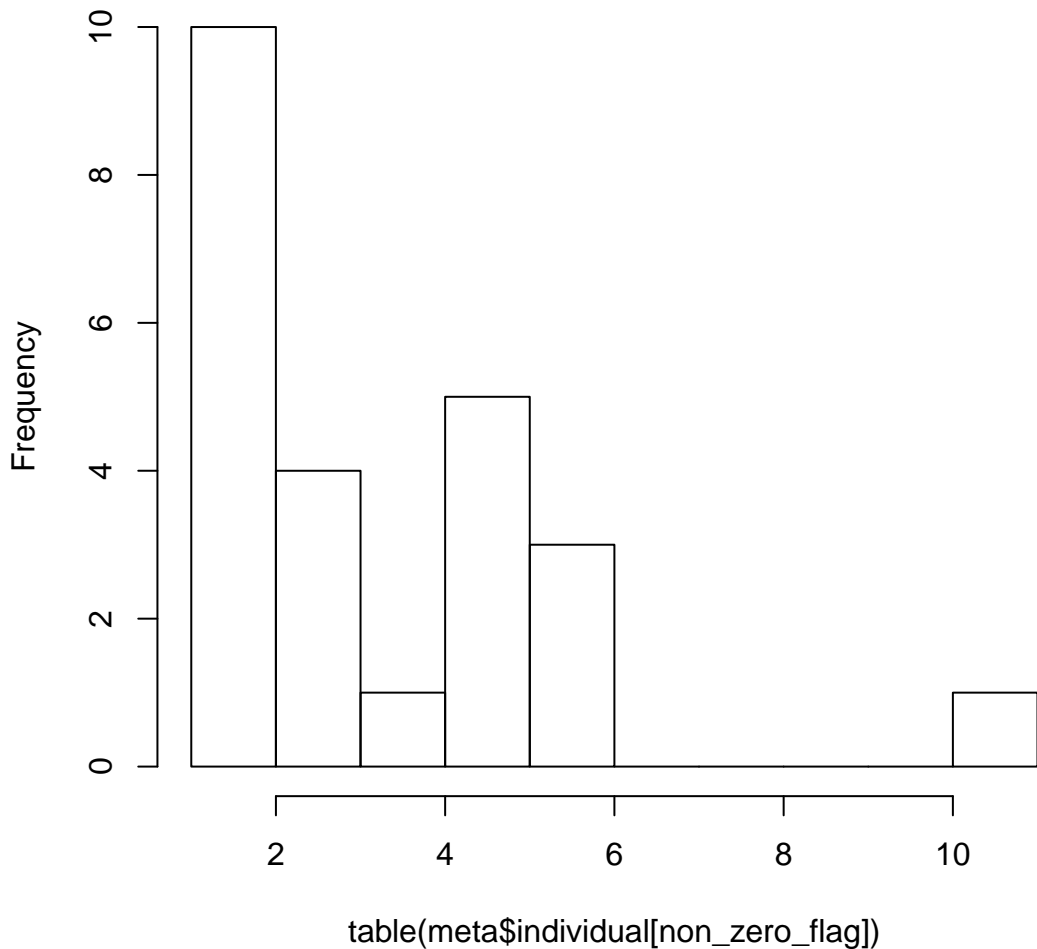
max of nozero log-expres of genes,ks no sig



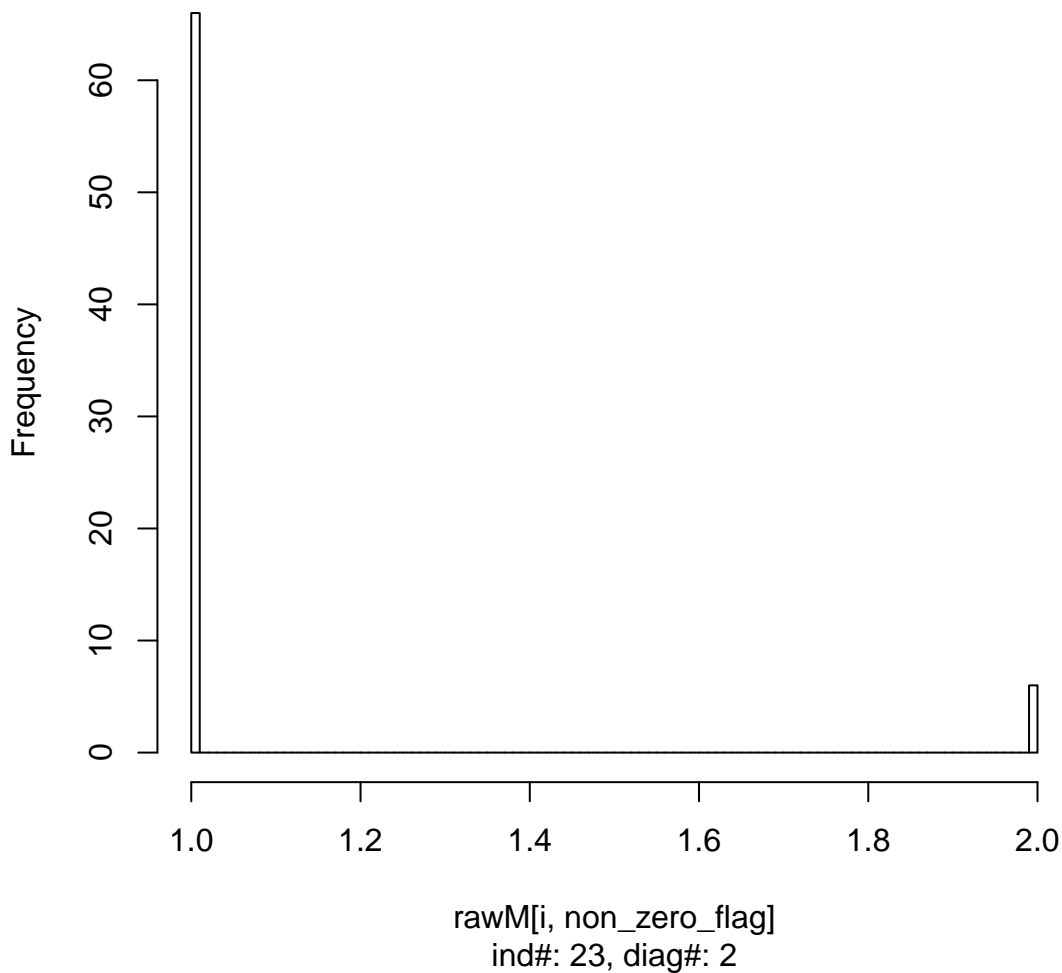
Less sig: log expression of gene#13, pval ob=0.138, non-zero nu



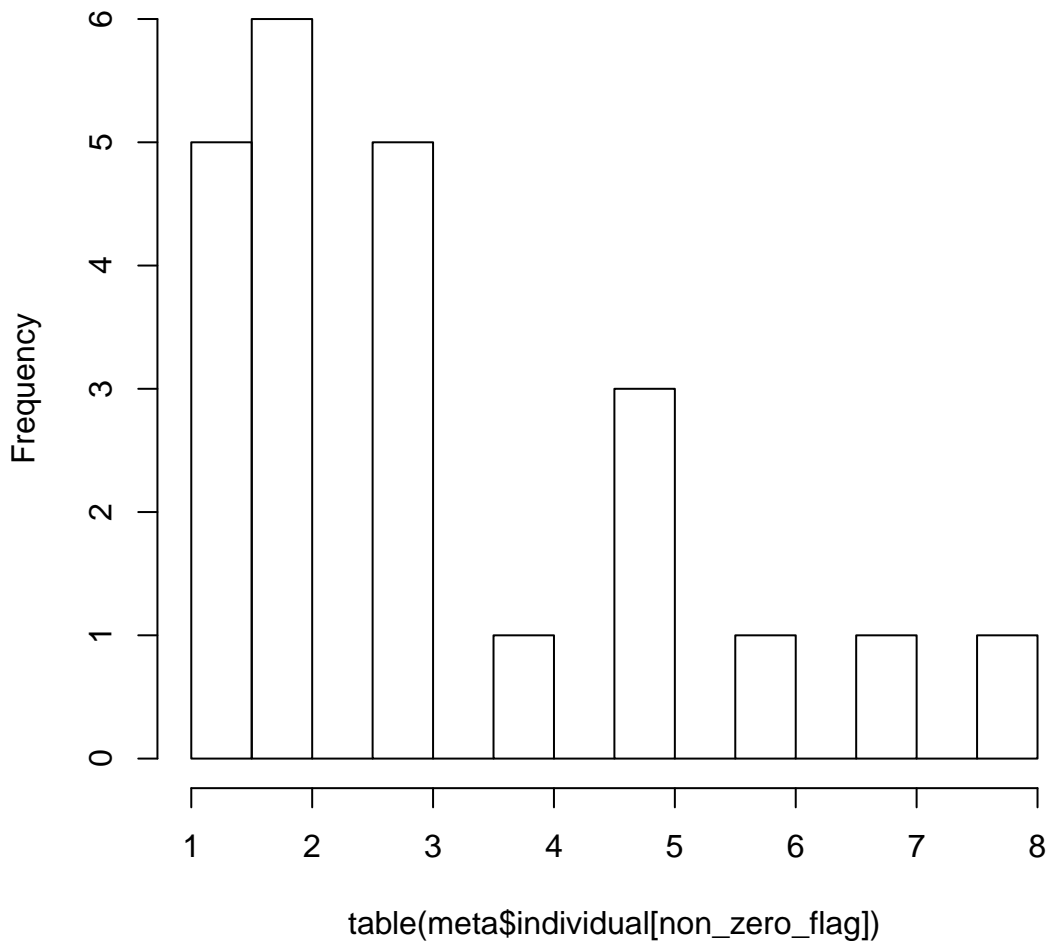
KSless sig: individual expression cell count of gene#13



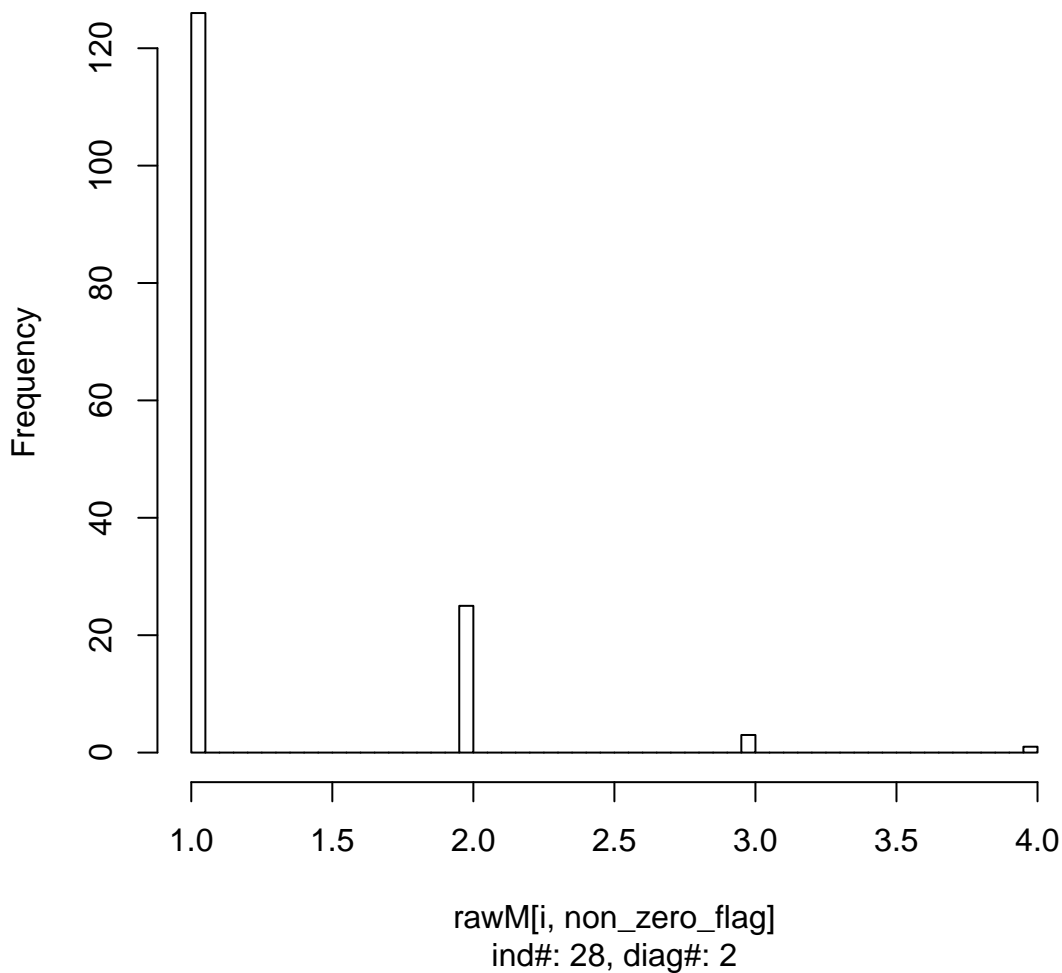
less sig: log expression of gene#68, pval ob=0.3849, non-zero n



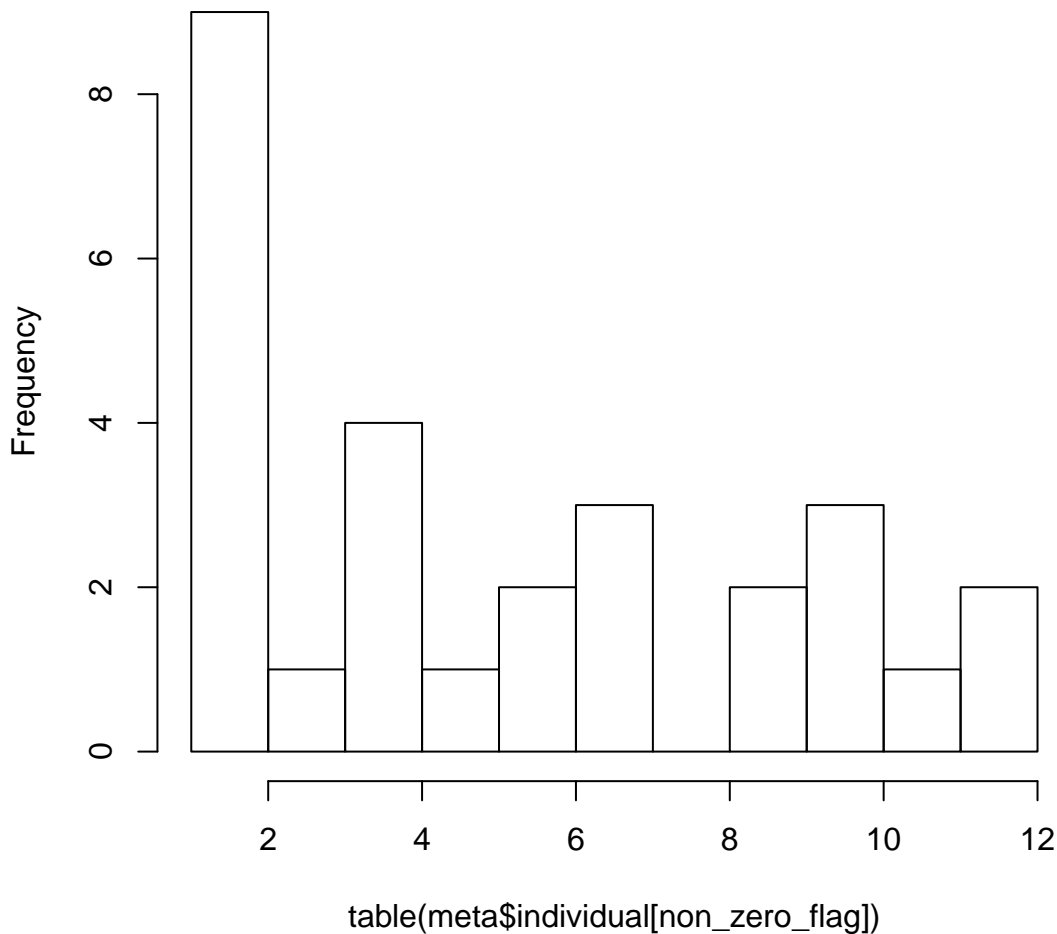
KSless sig: individual expression cell count of gene#68



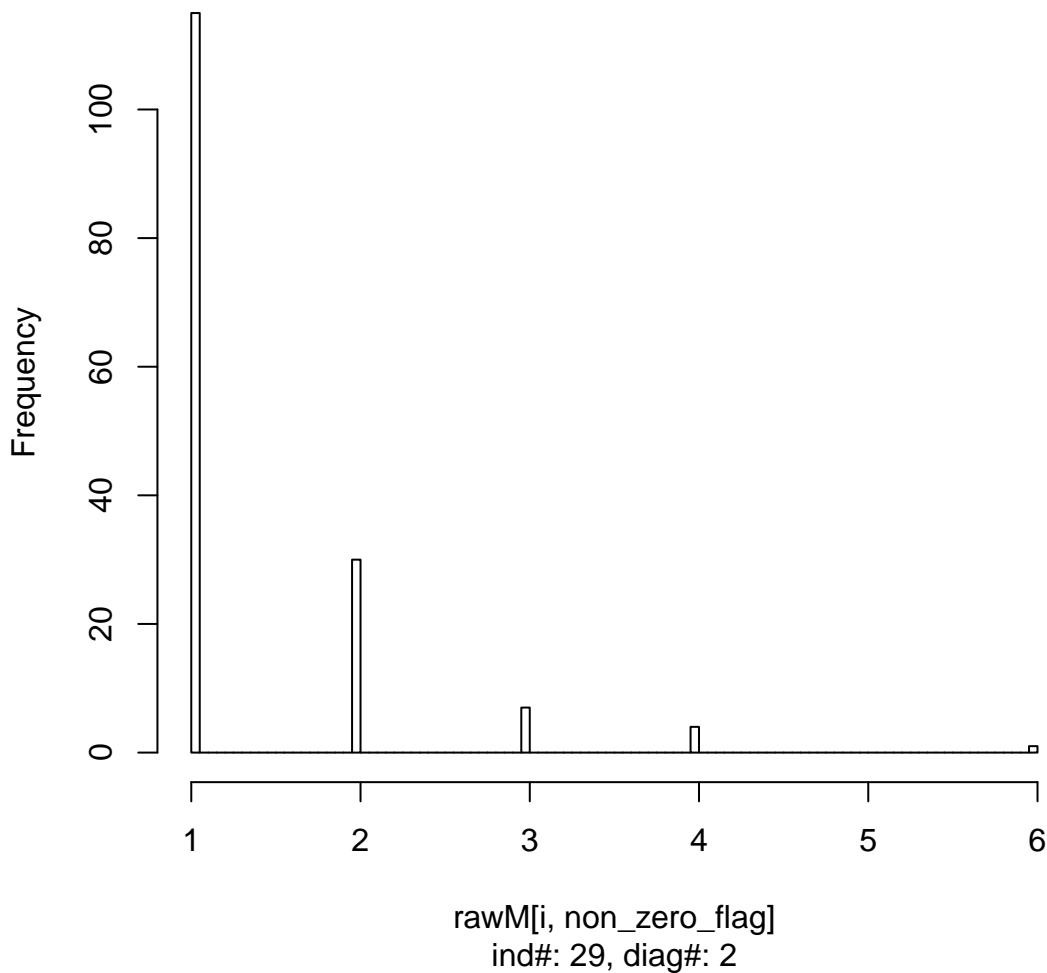
less sig: log expression of gene#76, pval ob=0.7735, non-zero nu



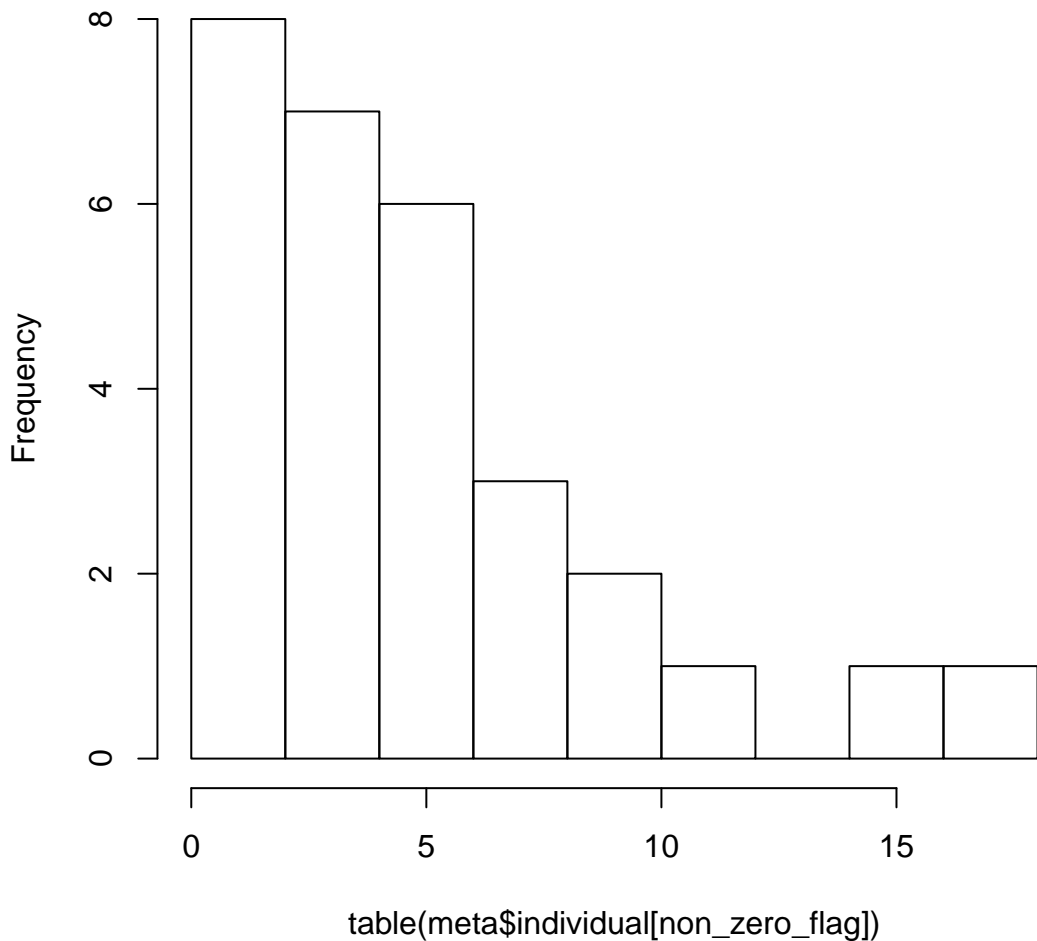
KSless sig: individual expression cell count of gene#76



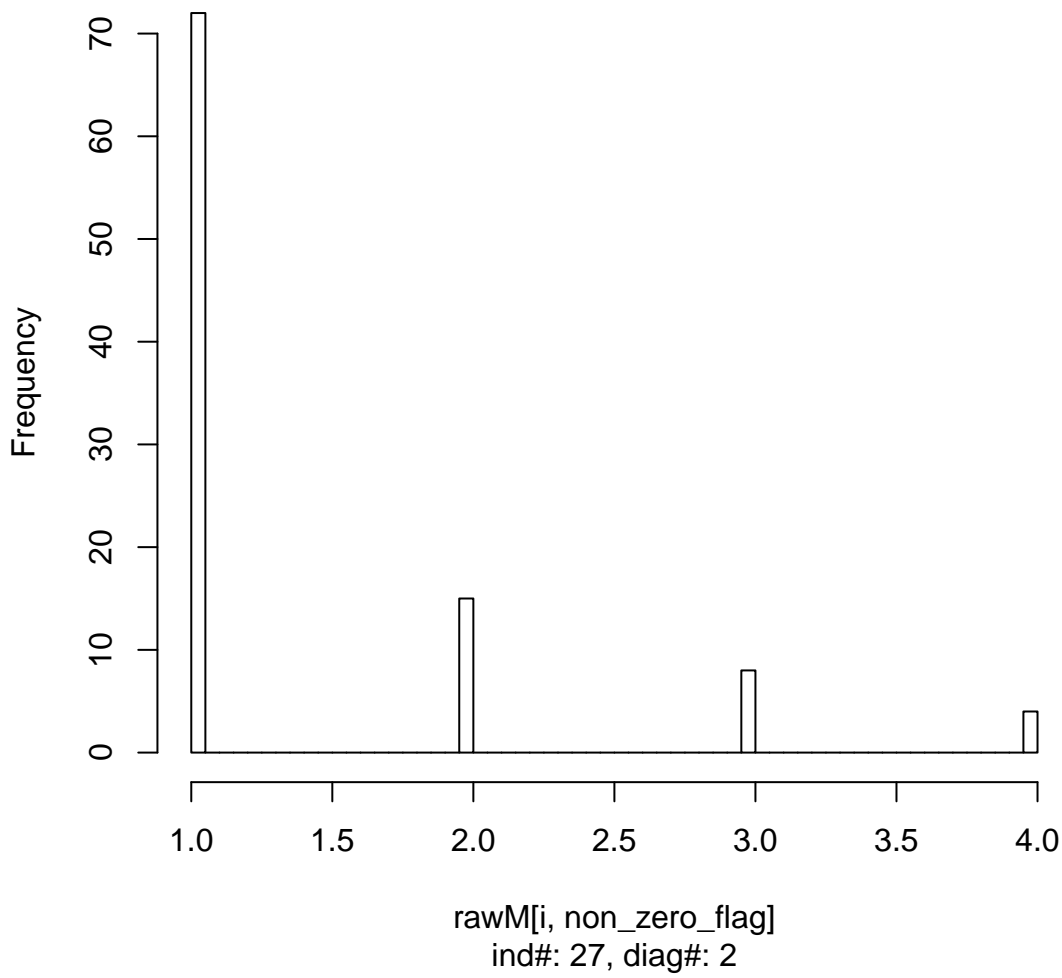
less sig: log expression of gene#89, pval ob=0.2127, non-zero nu



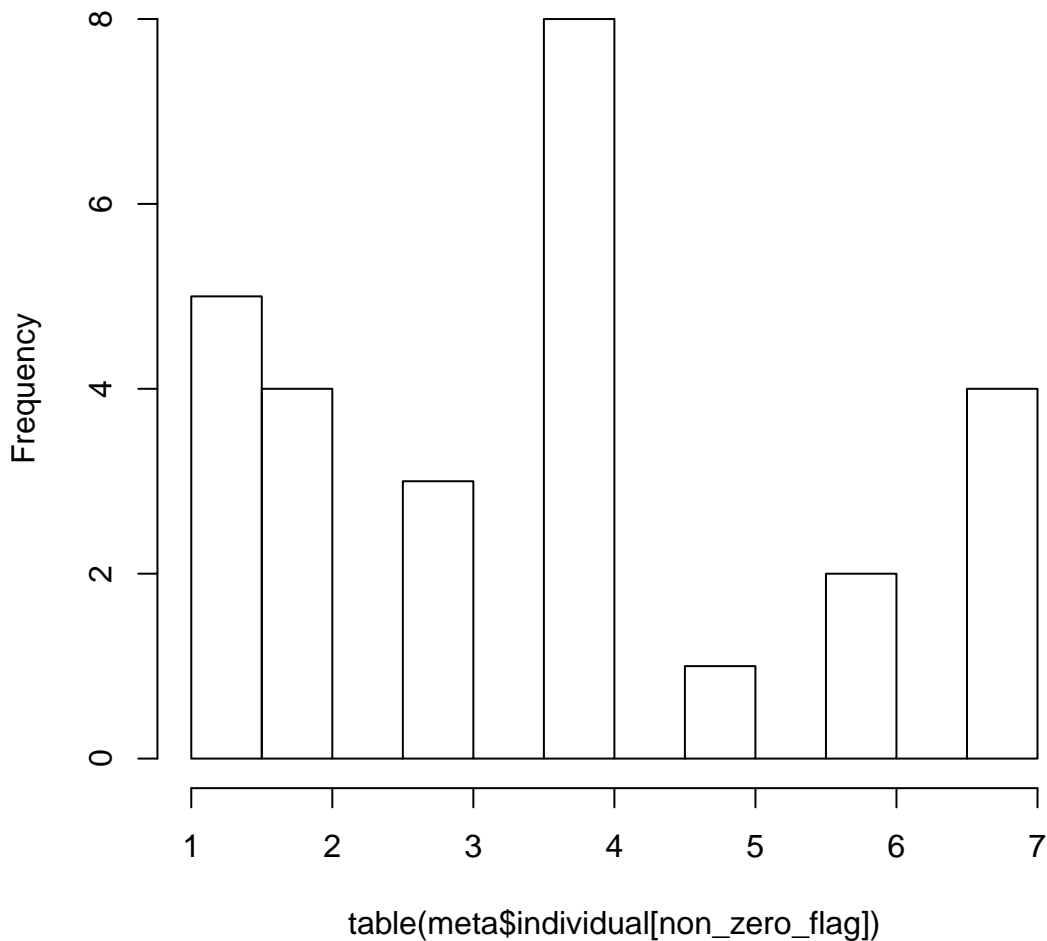
KSless sig: individual expression cell count of gene#89



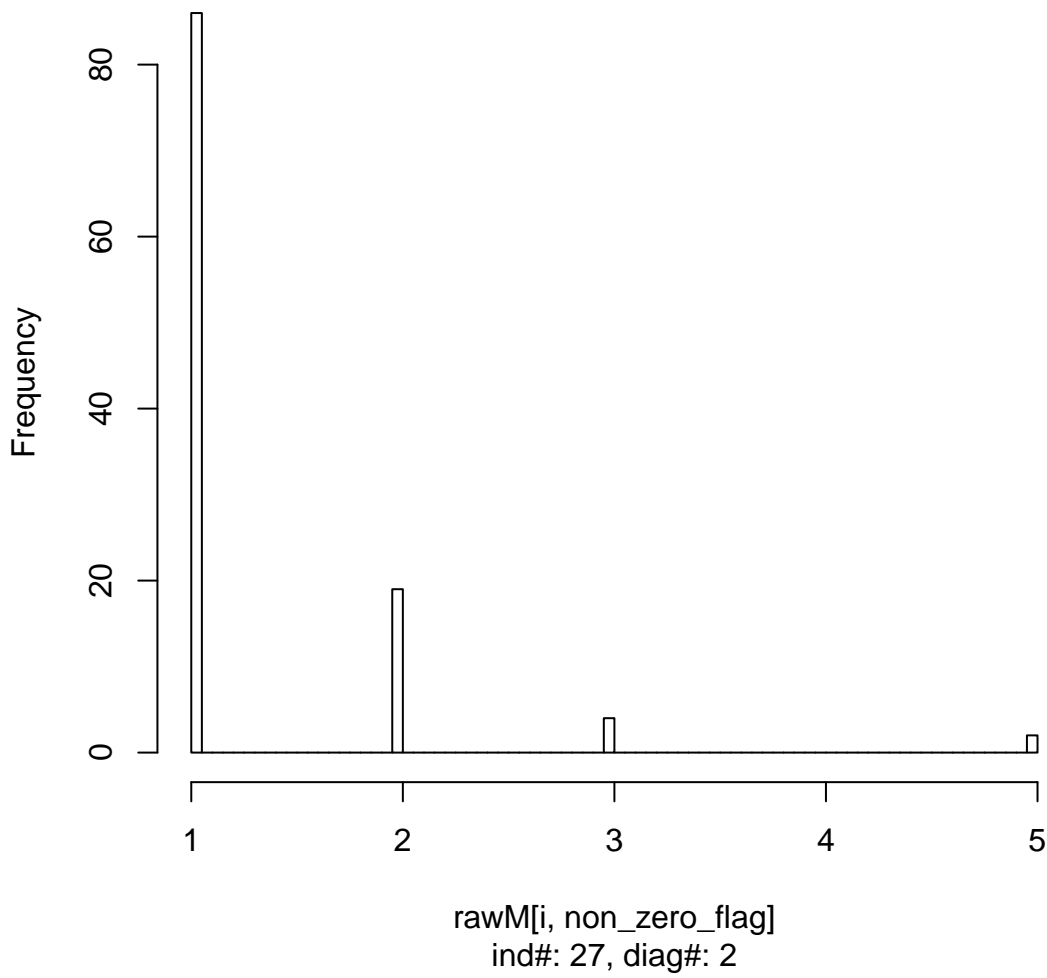
less sig: log expression of gene#142, pval ob=0.933, non-zero n



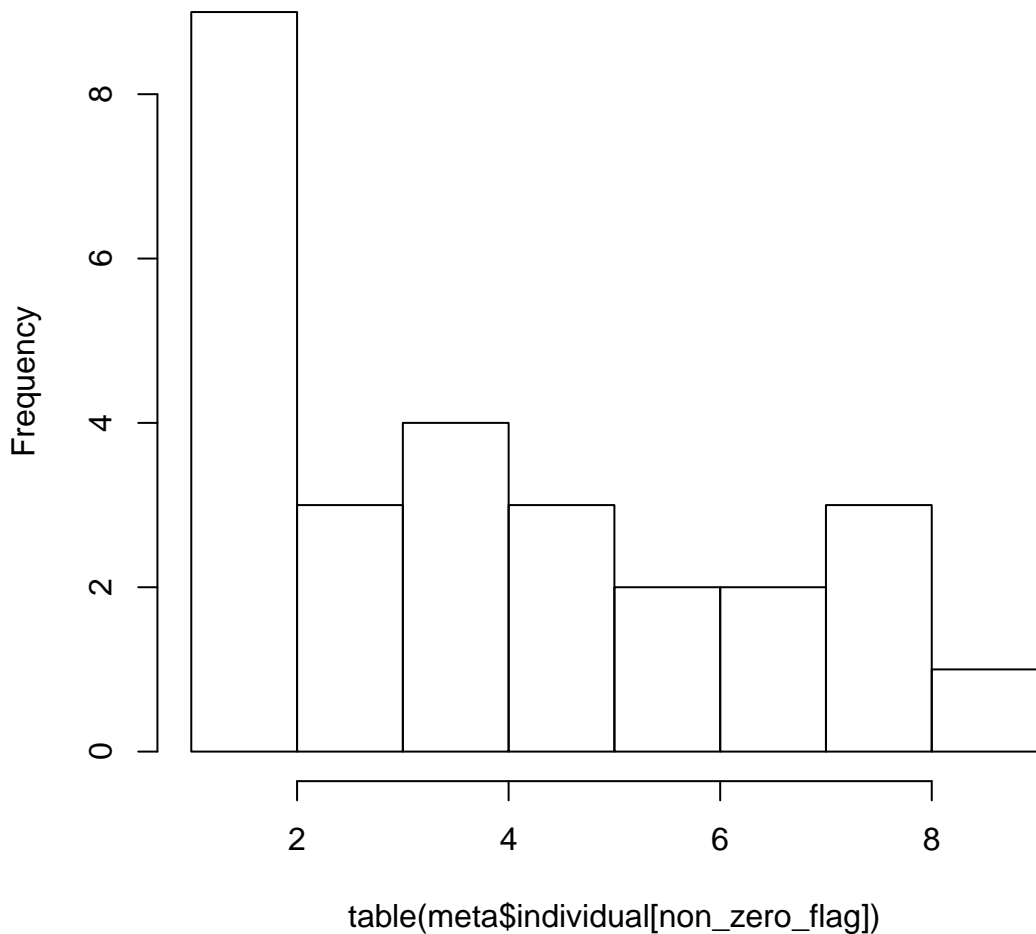
KSless sig: individual expression cell count of gene#142



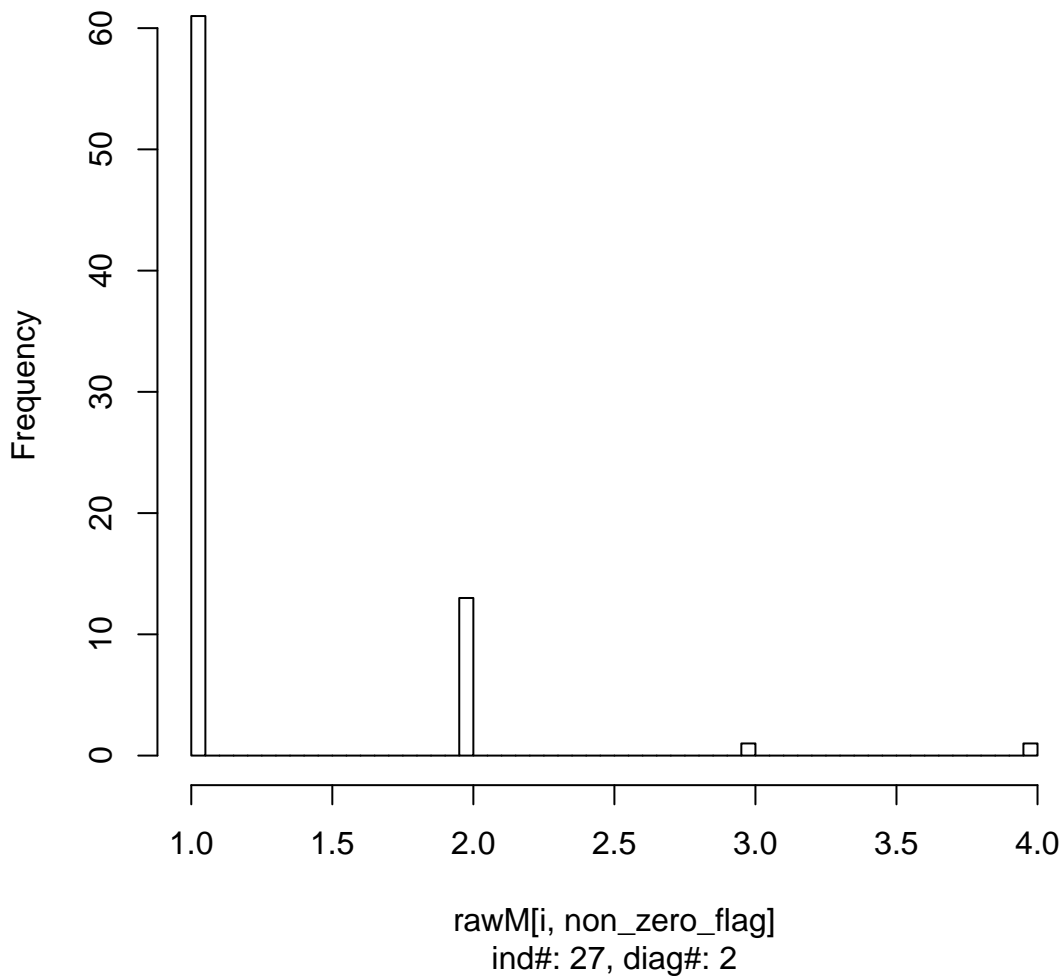
less sig: log expression of gene#151, pval ob=0.3611, non-zero n



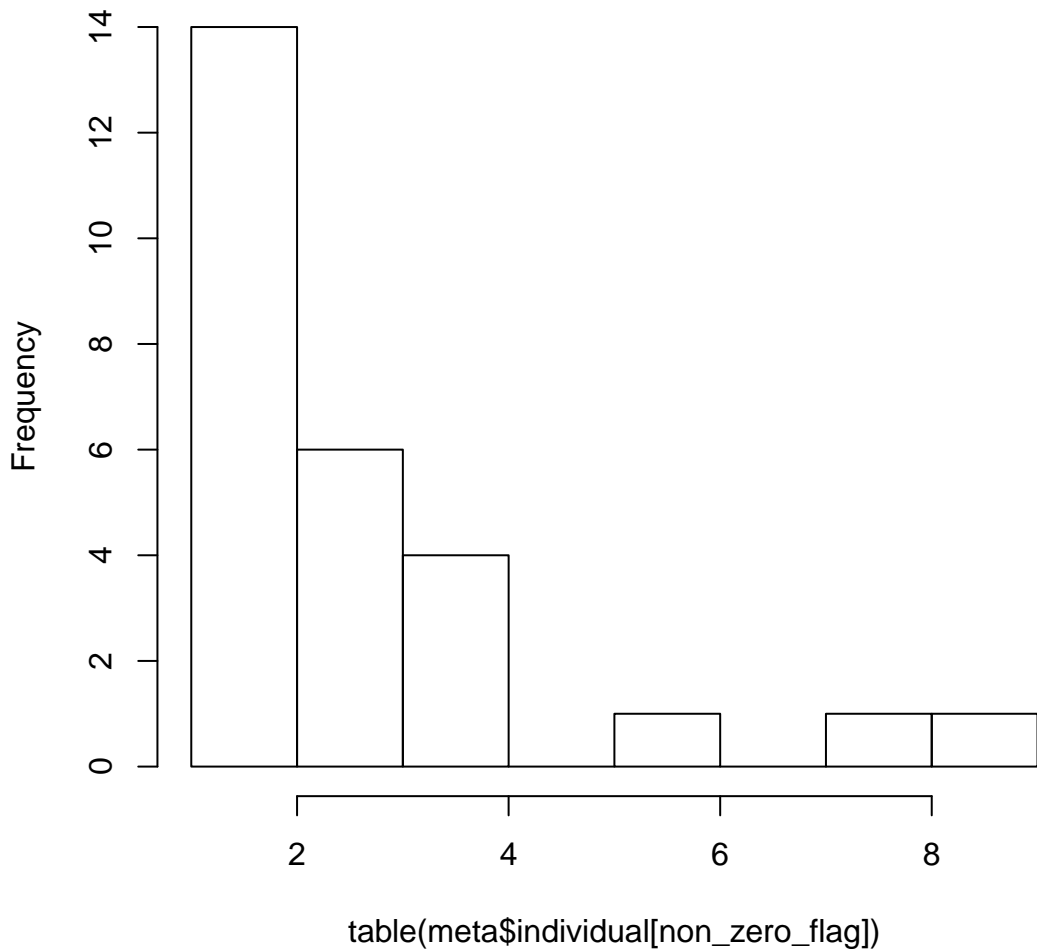
KSless sig: individual expression cell count of gene#151



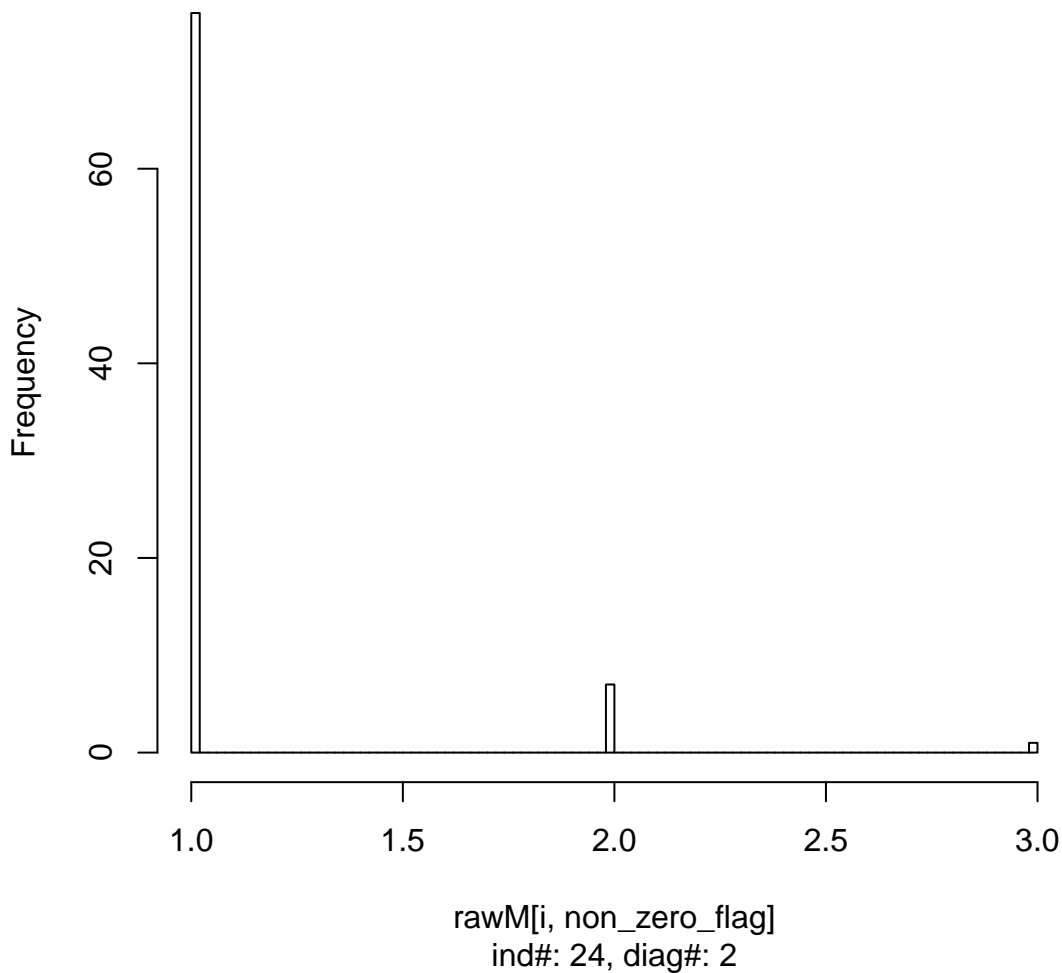
less sig: log expression of gene#169, pval ob=0.0204, non-zero n



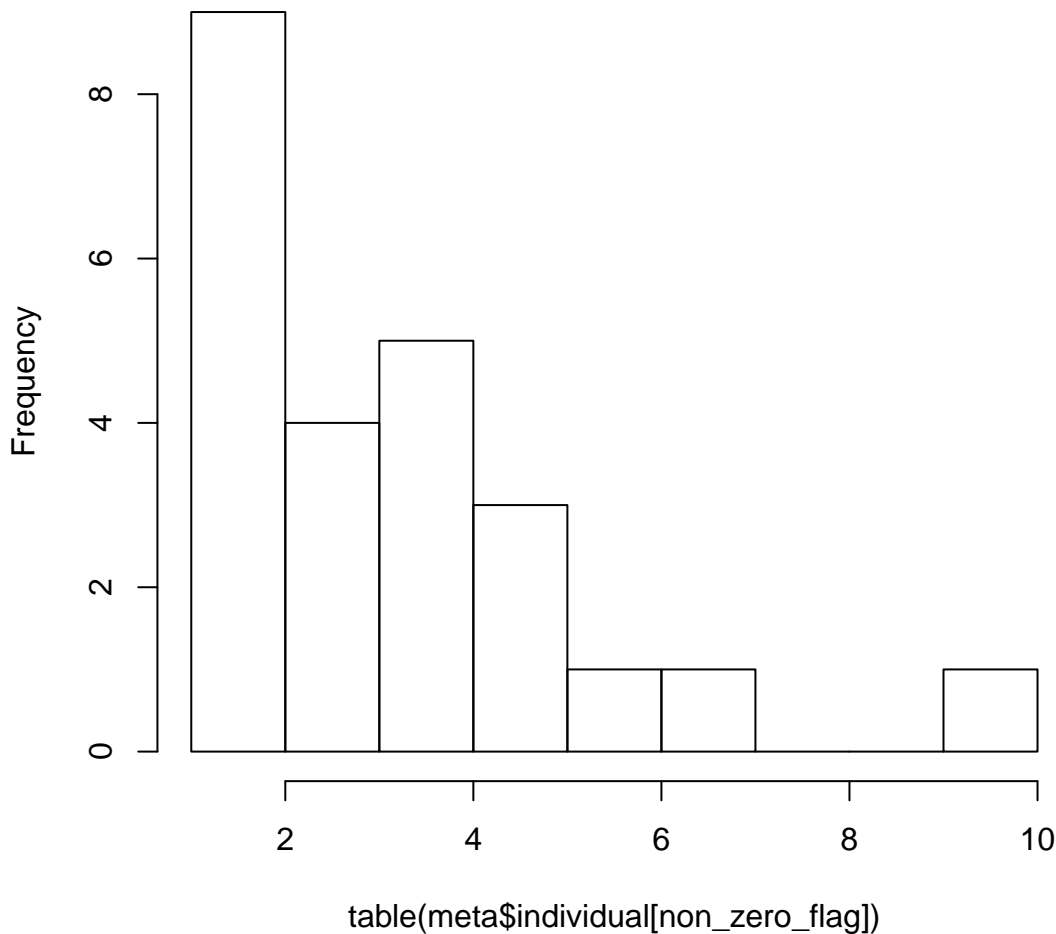
KSless sig: individual expression cell count of gene#169



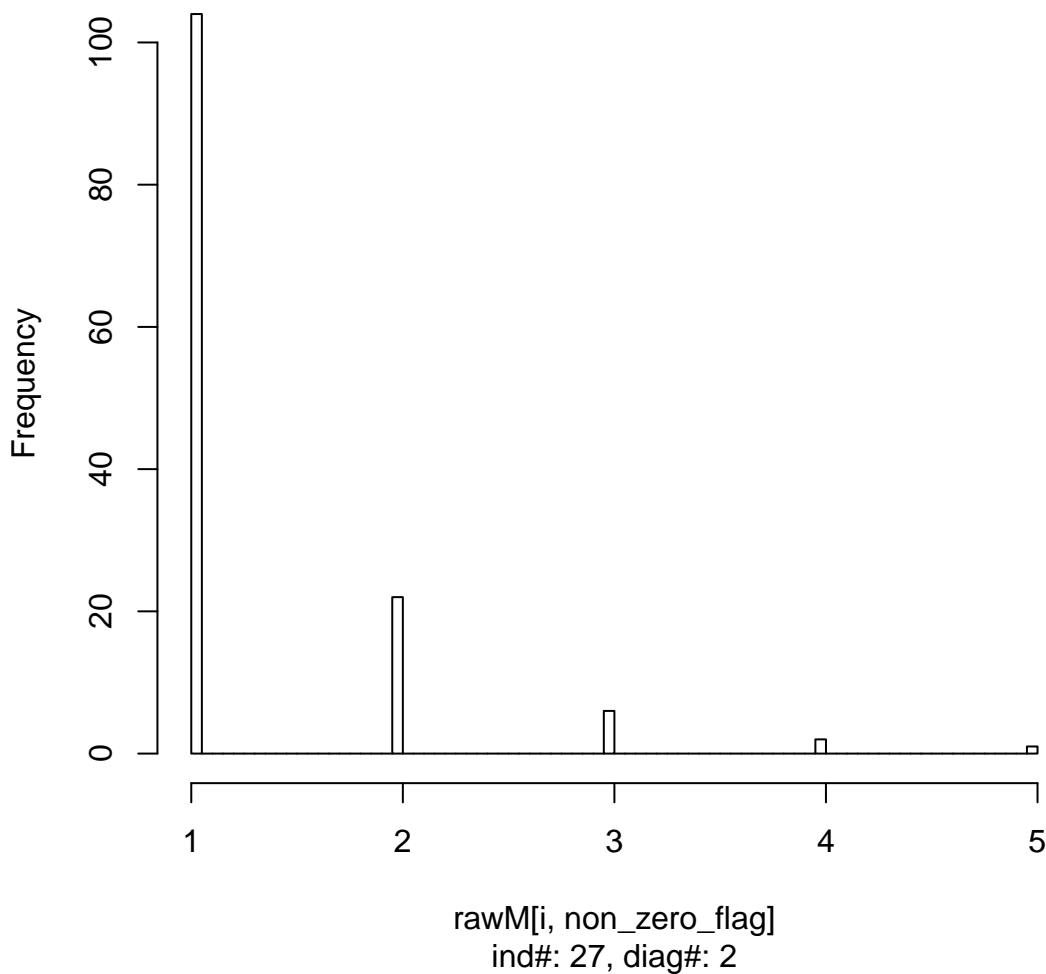
less sig: log expression of gene#187, pval ob=0.9369, non-zero n



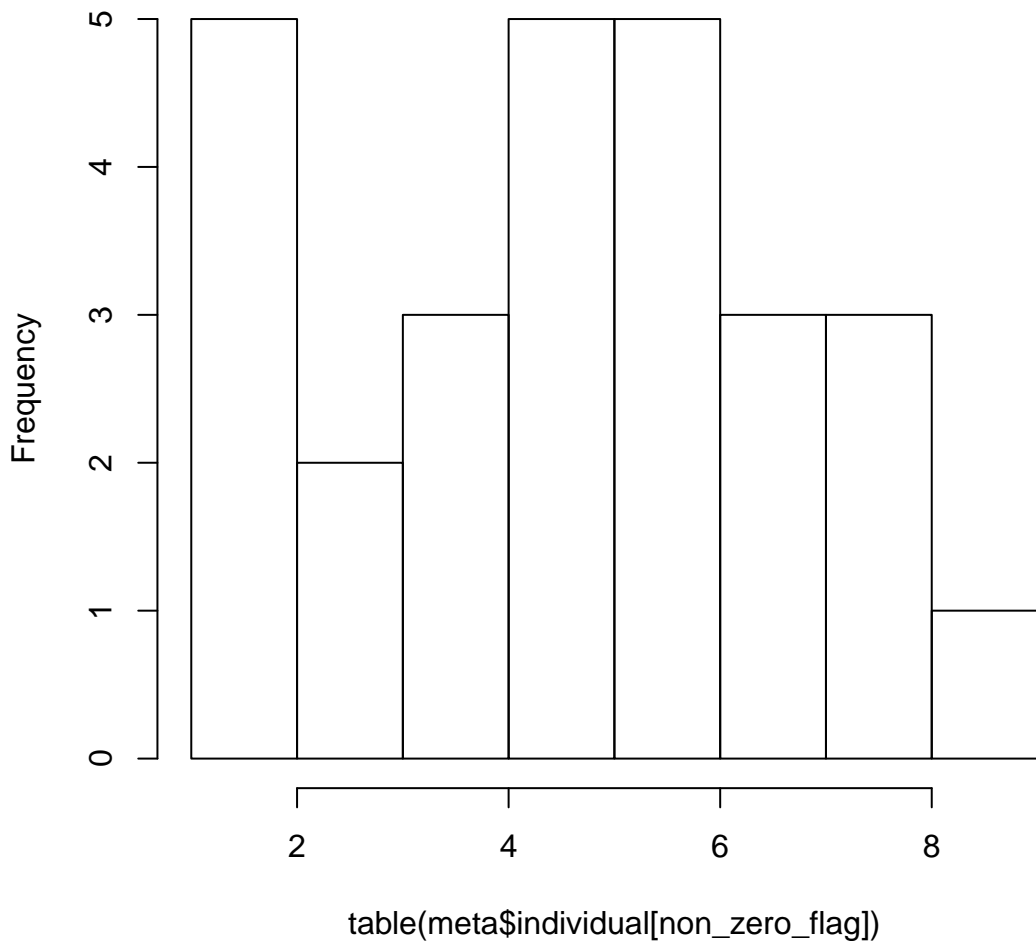
KSless sig: individual expression cell count of gene#187



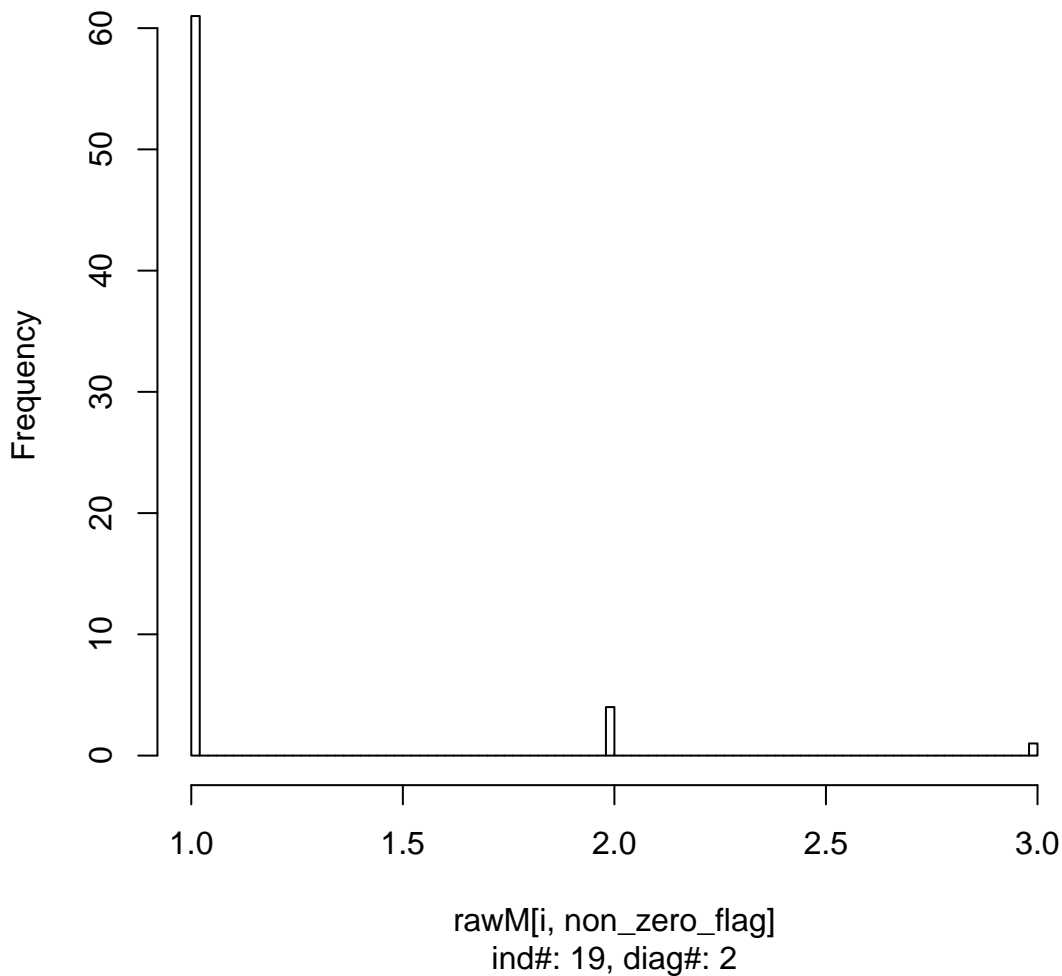
less sig: log expression of gene#190, pval ob=0.1621, non-zero n



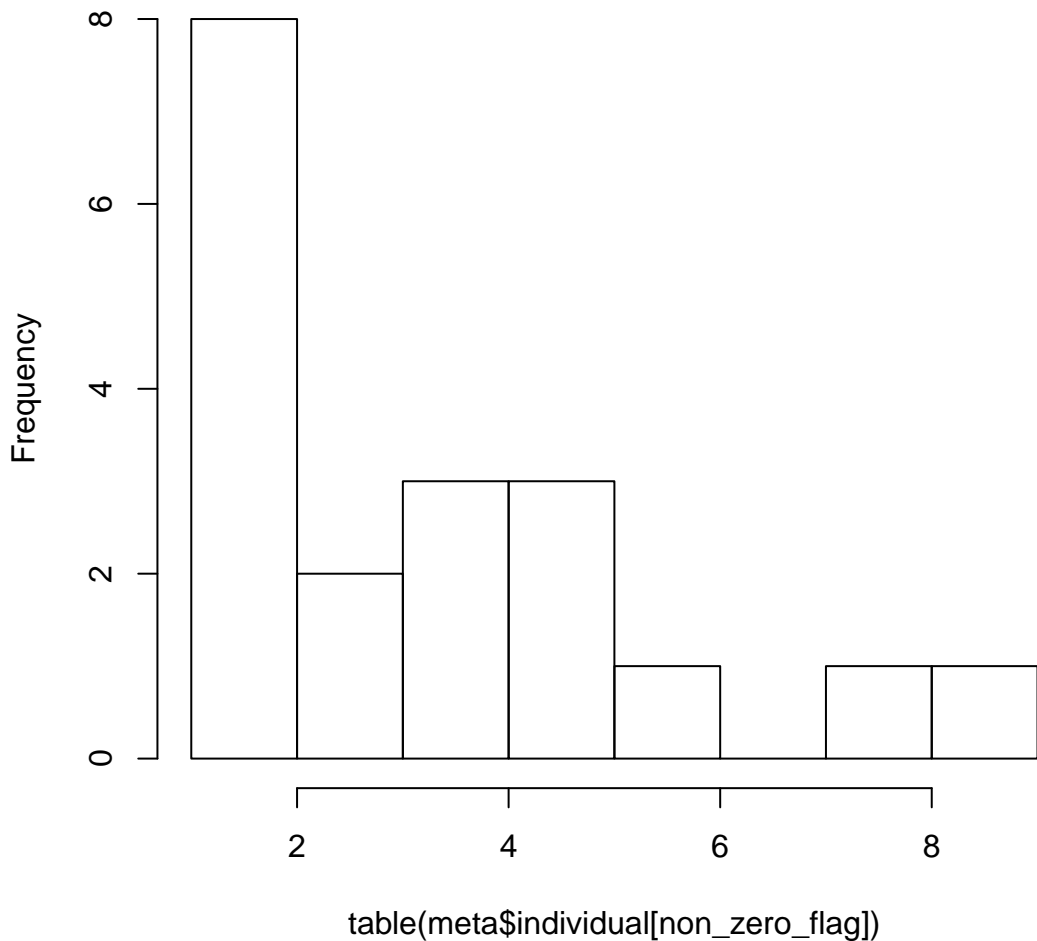
KSless sig: individual expression cell count of gene#190



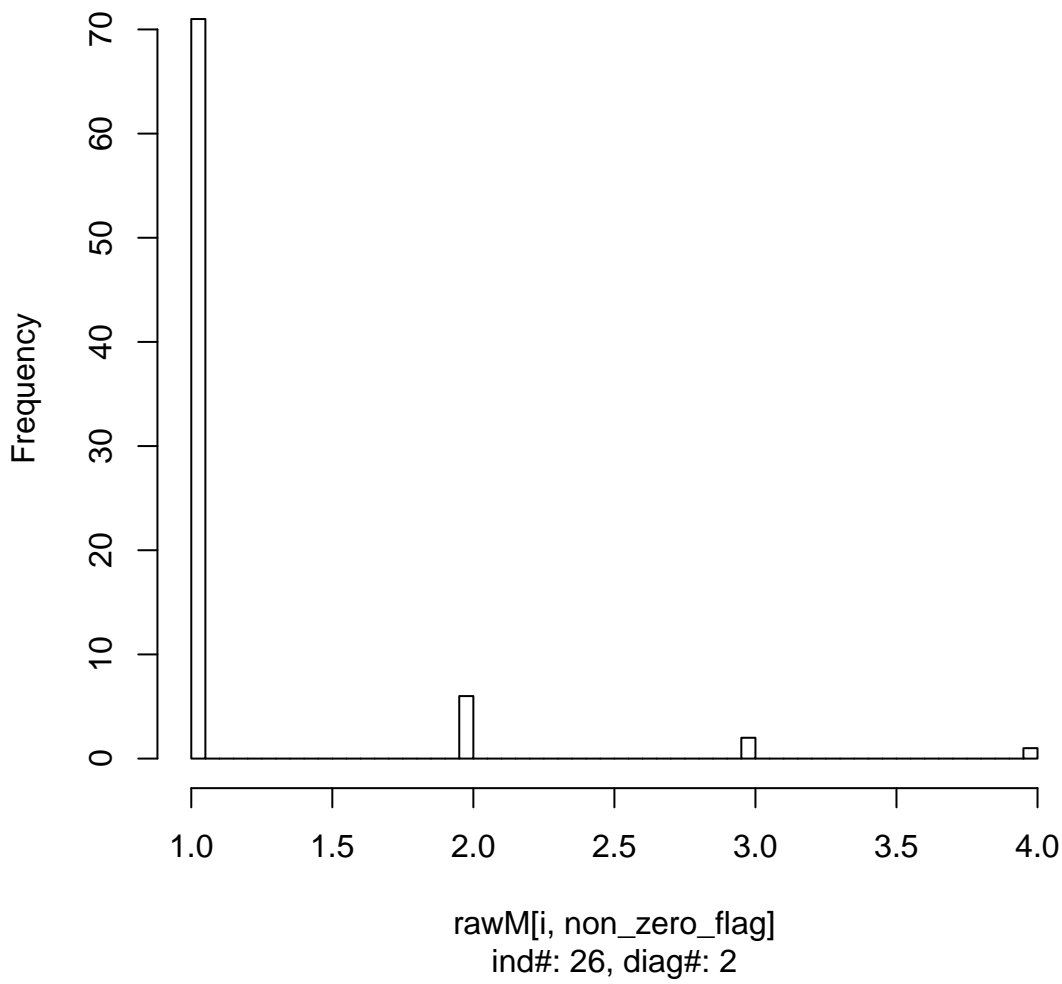
less sig: log expression of gene#226, pval ob=0.536, non-zero n



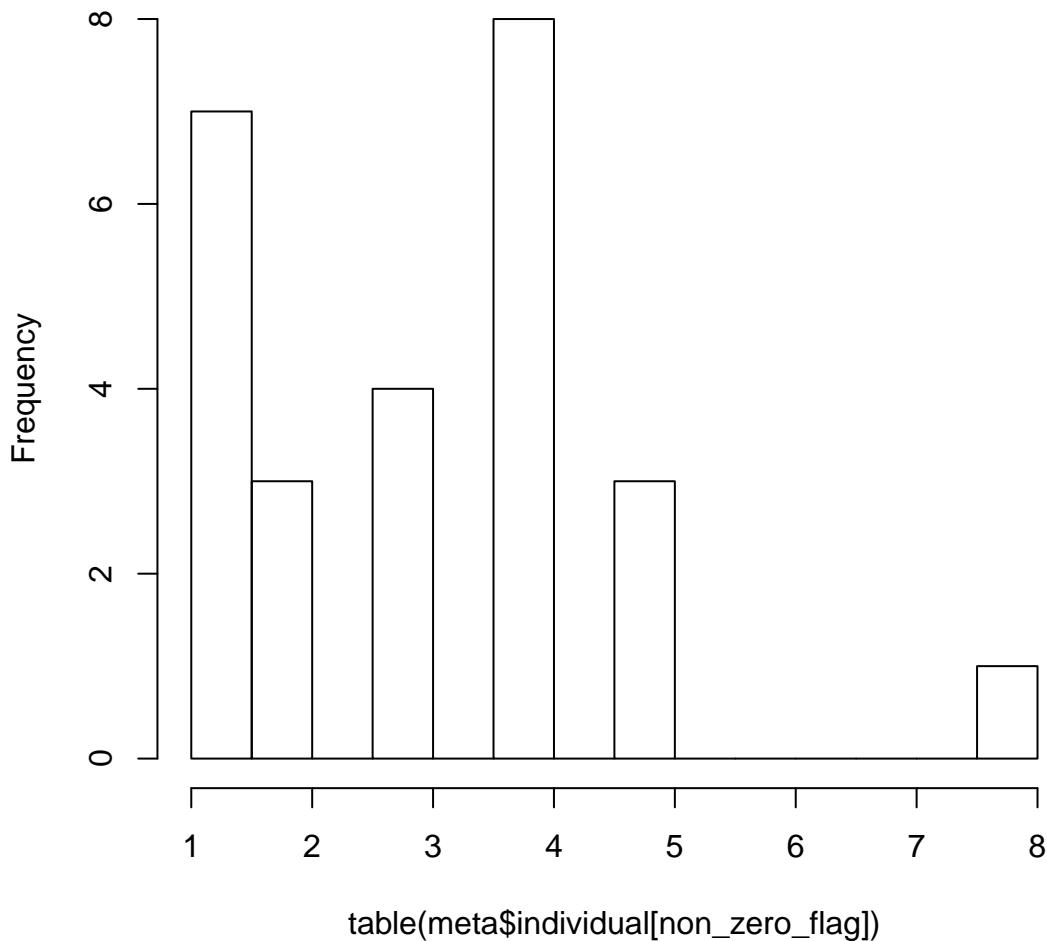
KSless sig: individual expression cell count of gene#226



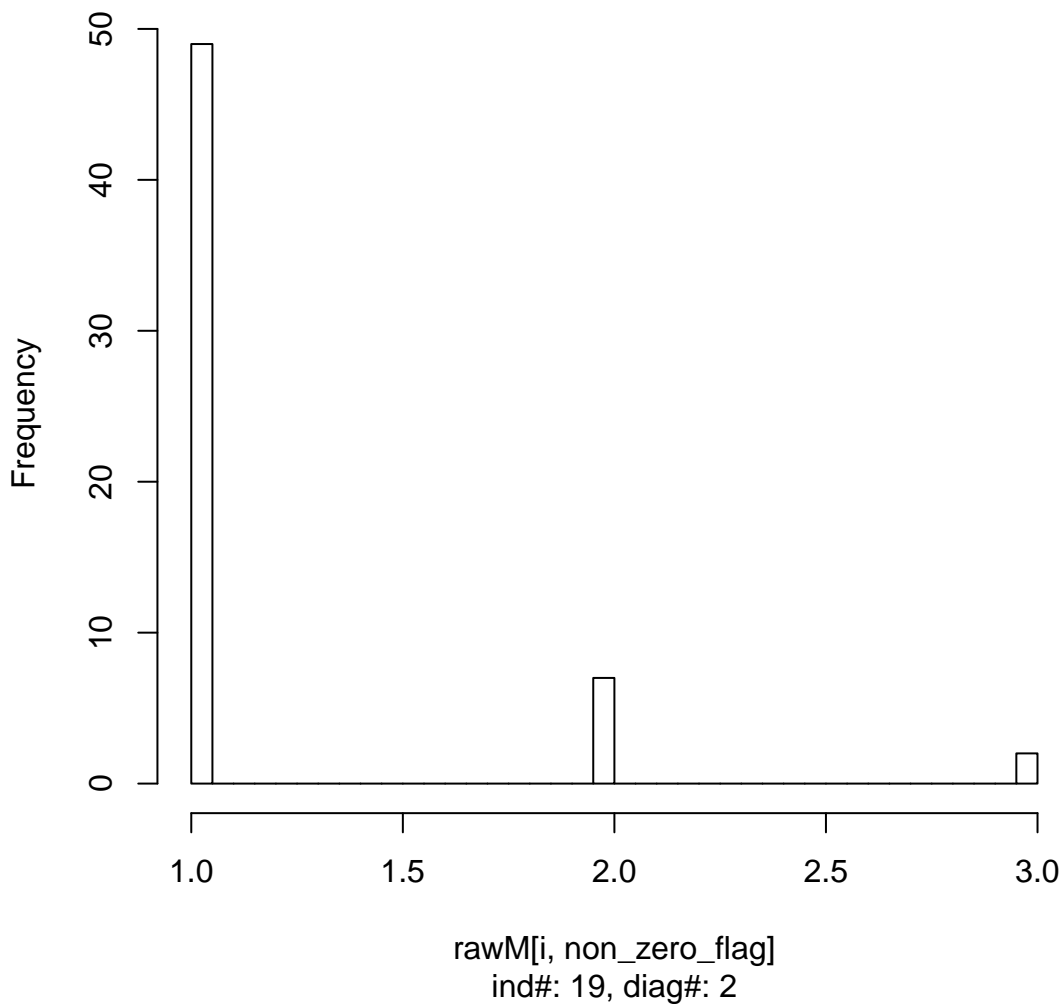
S nonsig: log expression of gene#1, pval ob=0.8957, non-zero nu



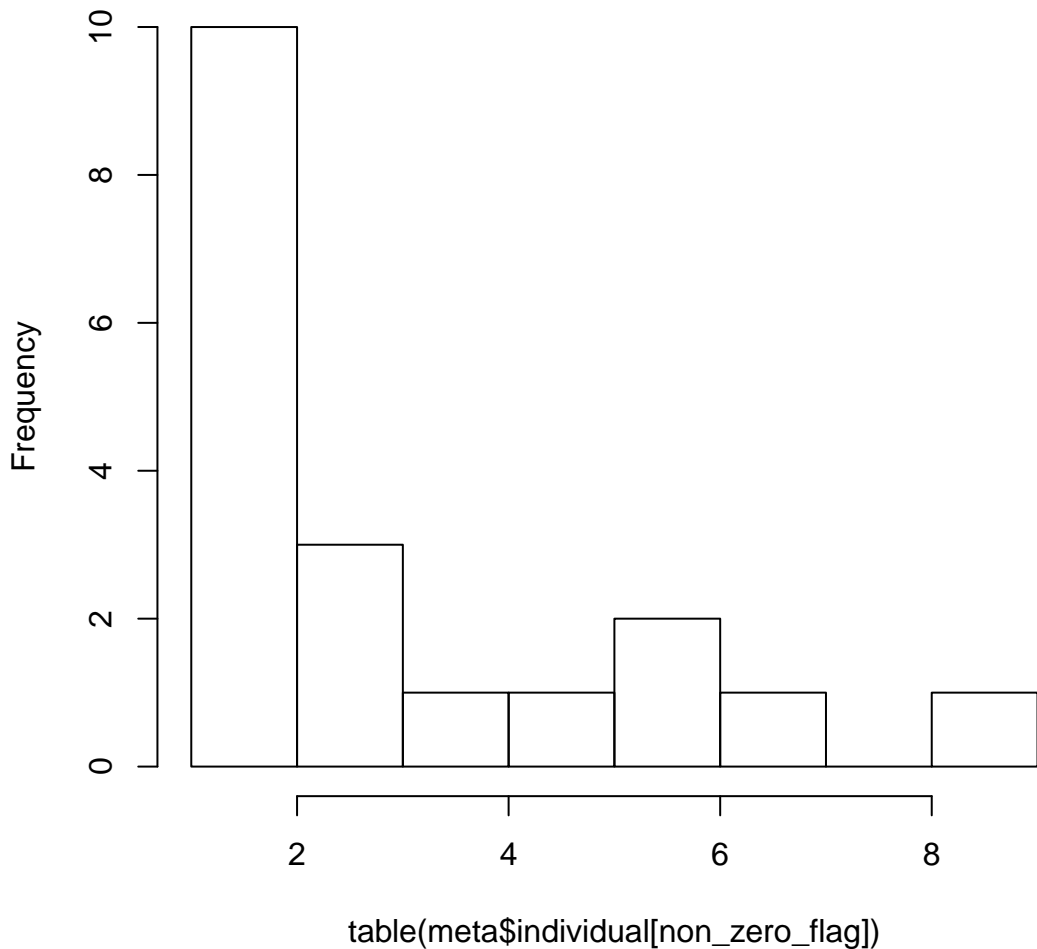
KSless nonsig: individual expression cell count of gene#1



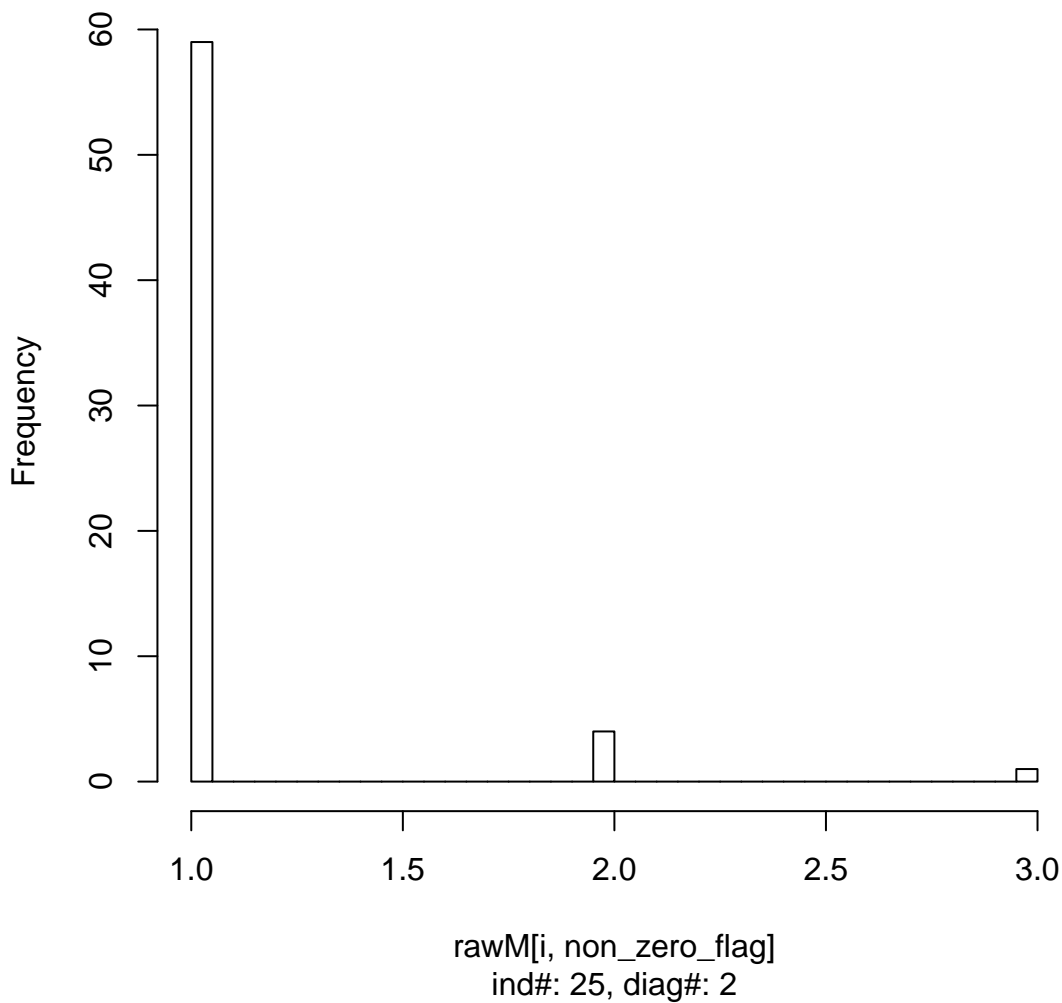
S nonsig: log expression of gene#5, pval ob=0.6341, non-zero nu



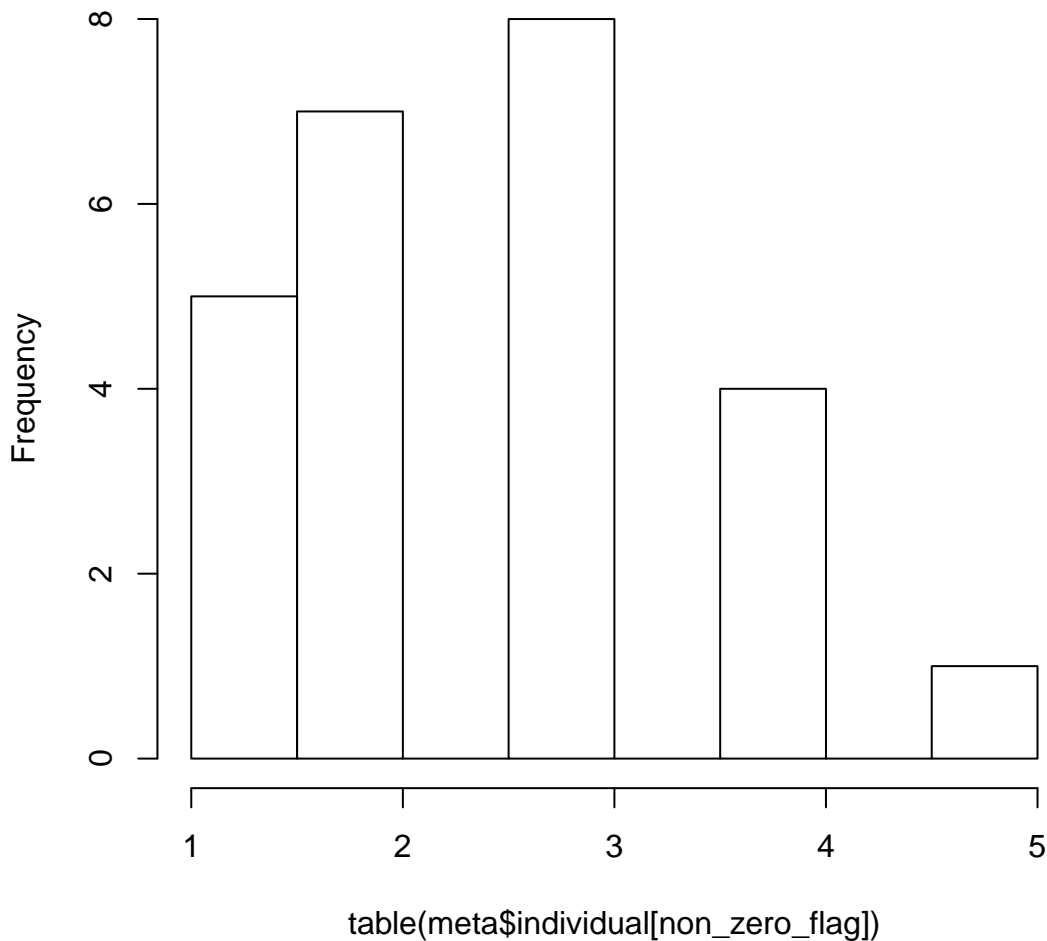
KSless nonsig: individual expression cell count of gene#5



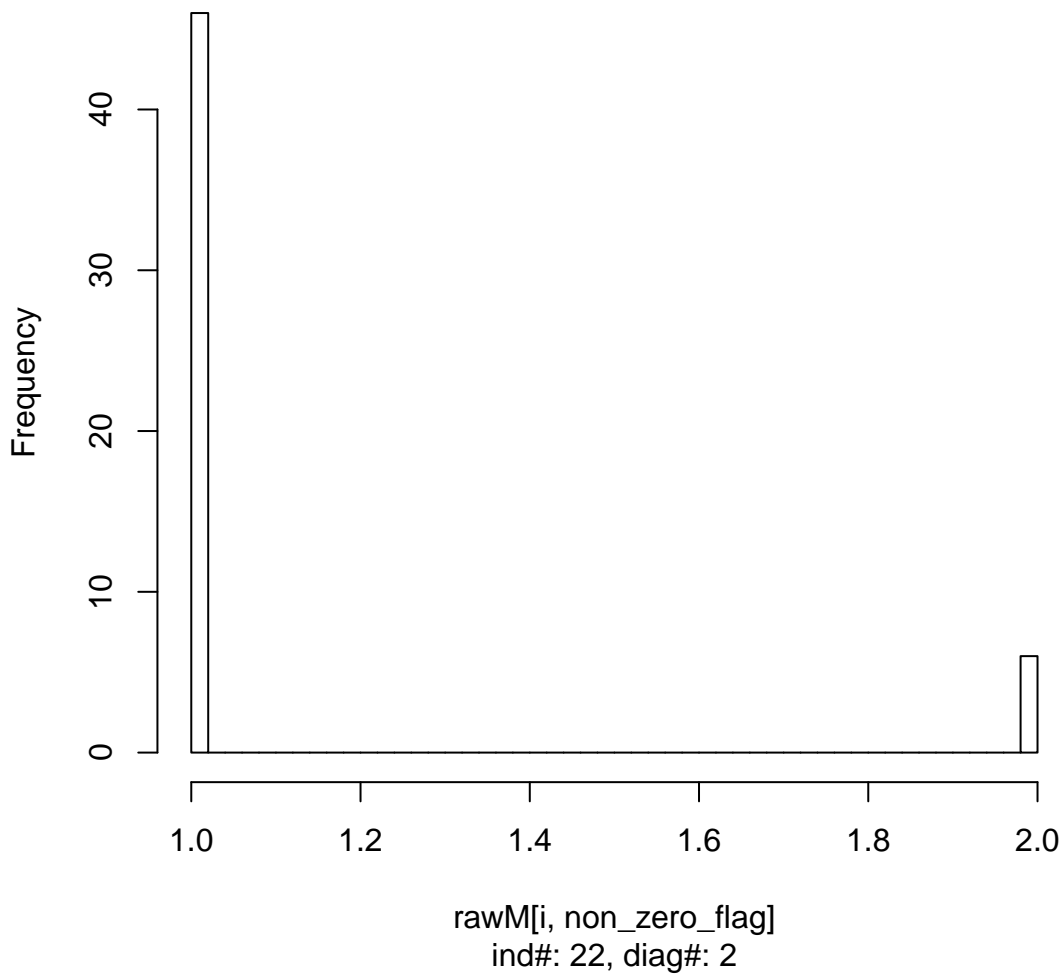
S nonsig: log expression of gene#11, pval ob=0.8794, non-zero n



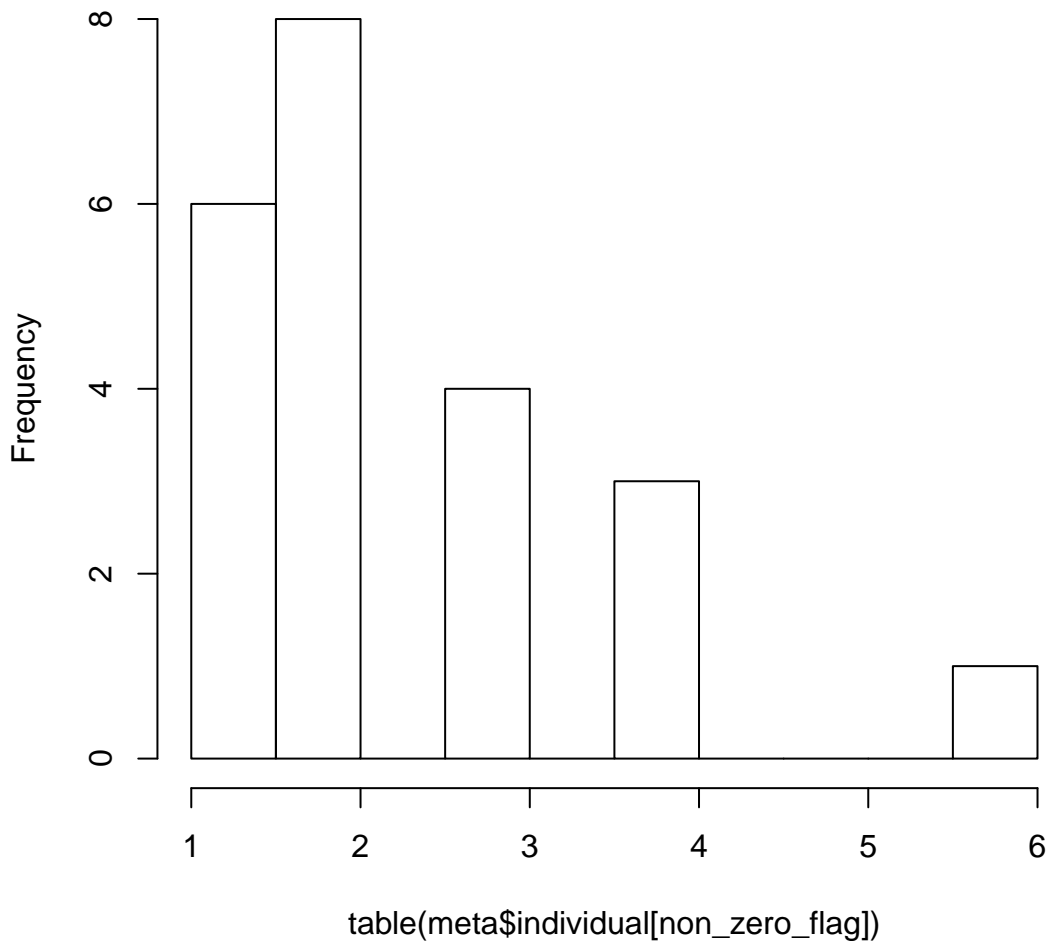
KSless nonsig: individual expression cell count of gene#11



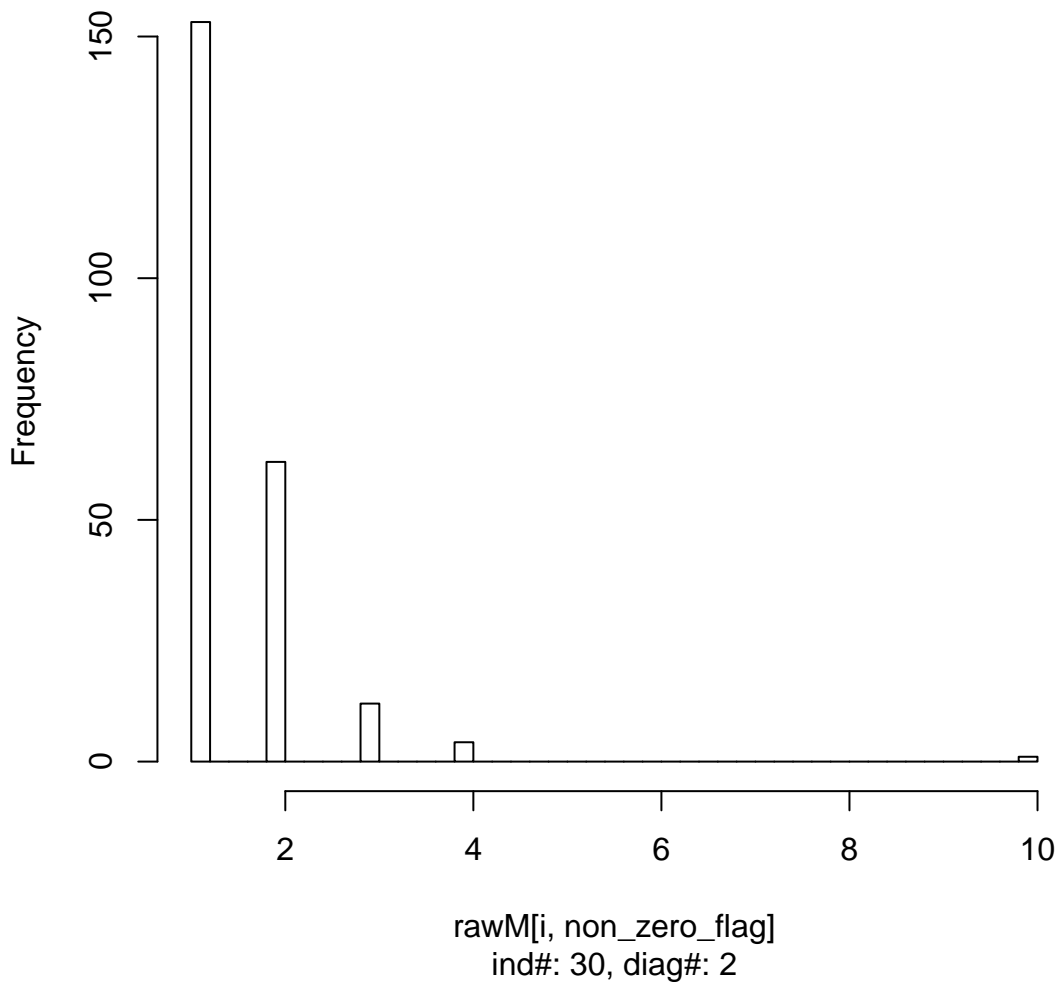
S nonsig: log expression of gene#14, pval ob=0.5858, non-zero n



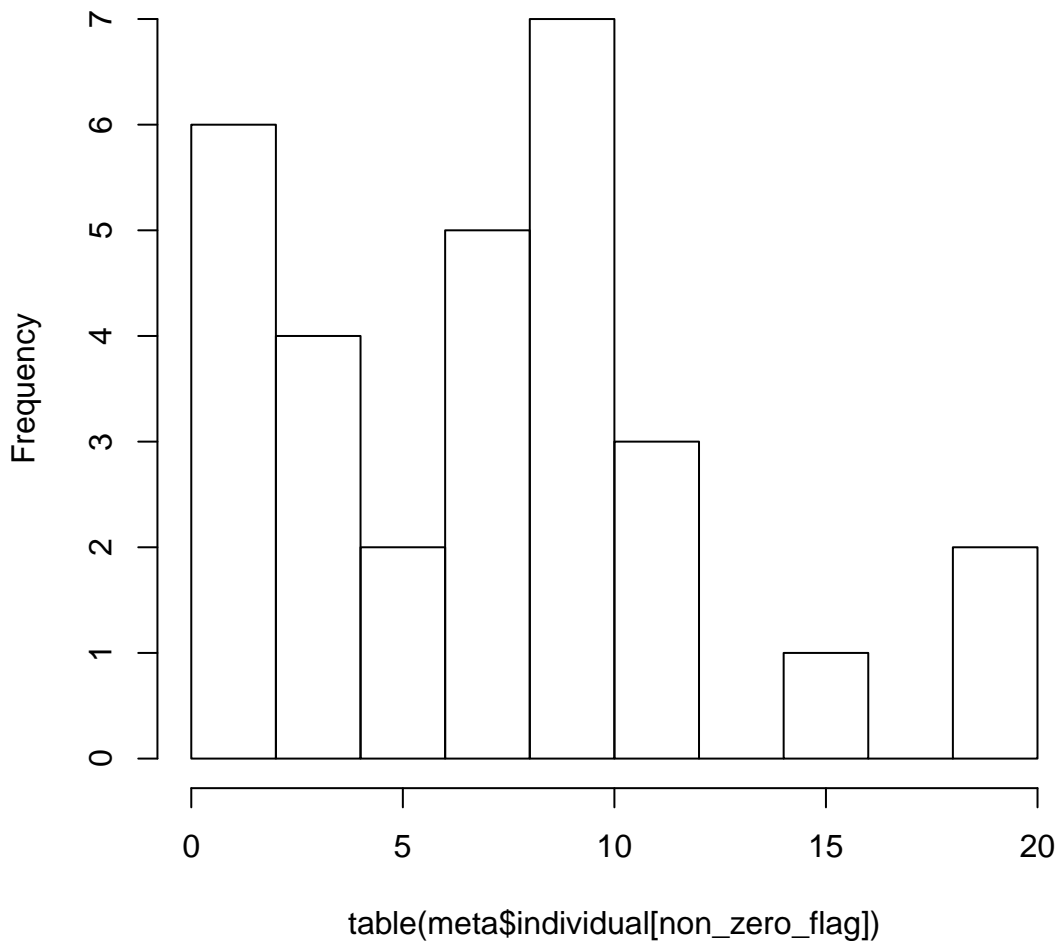
KSless nonsig: individual expression cell count of gene#14



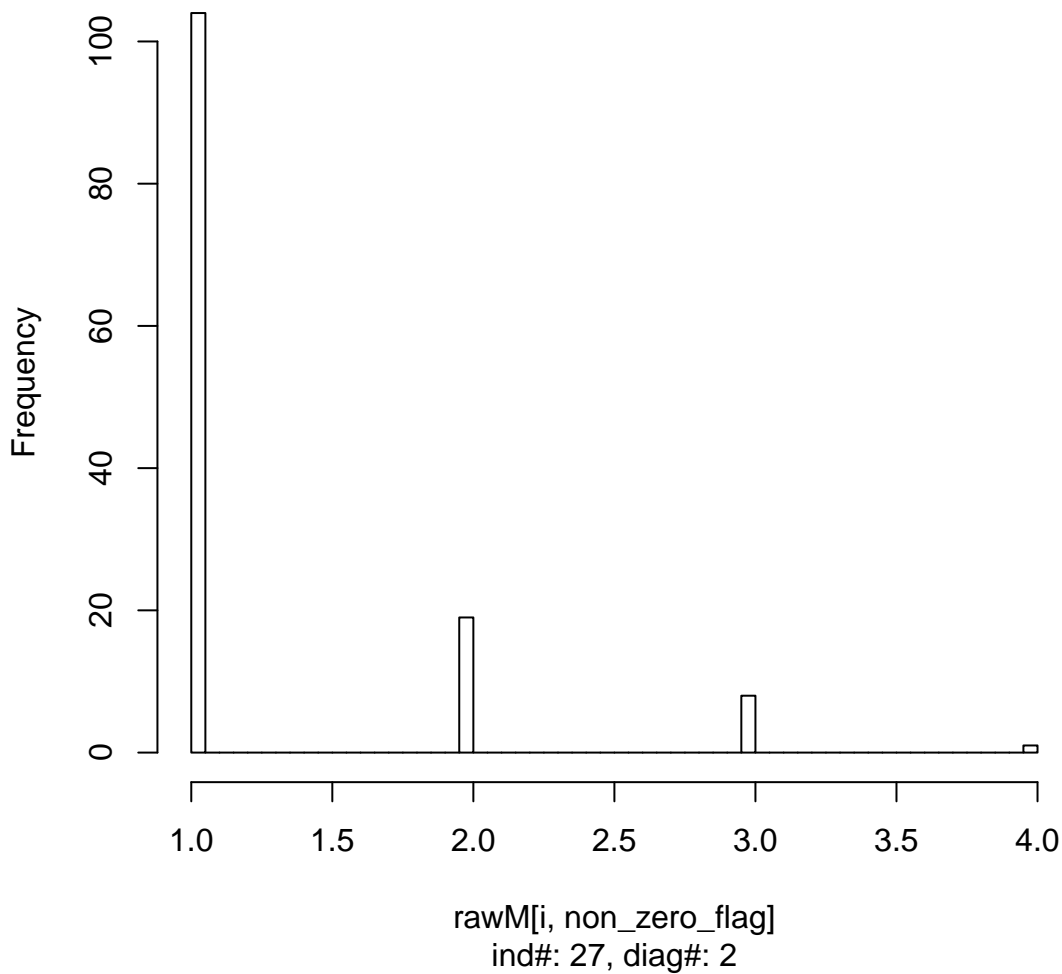
nsig: log expression of gene#16, pval ob=0.7637, non-zero nu



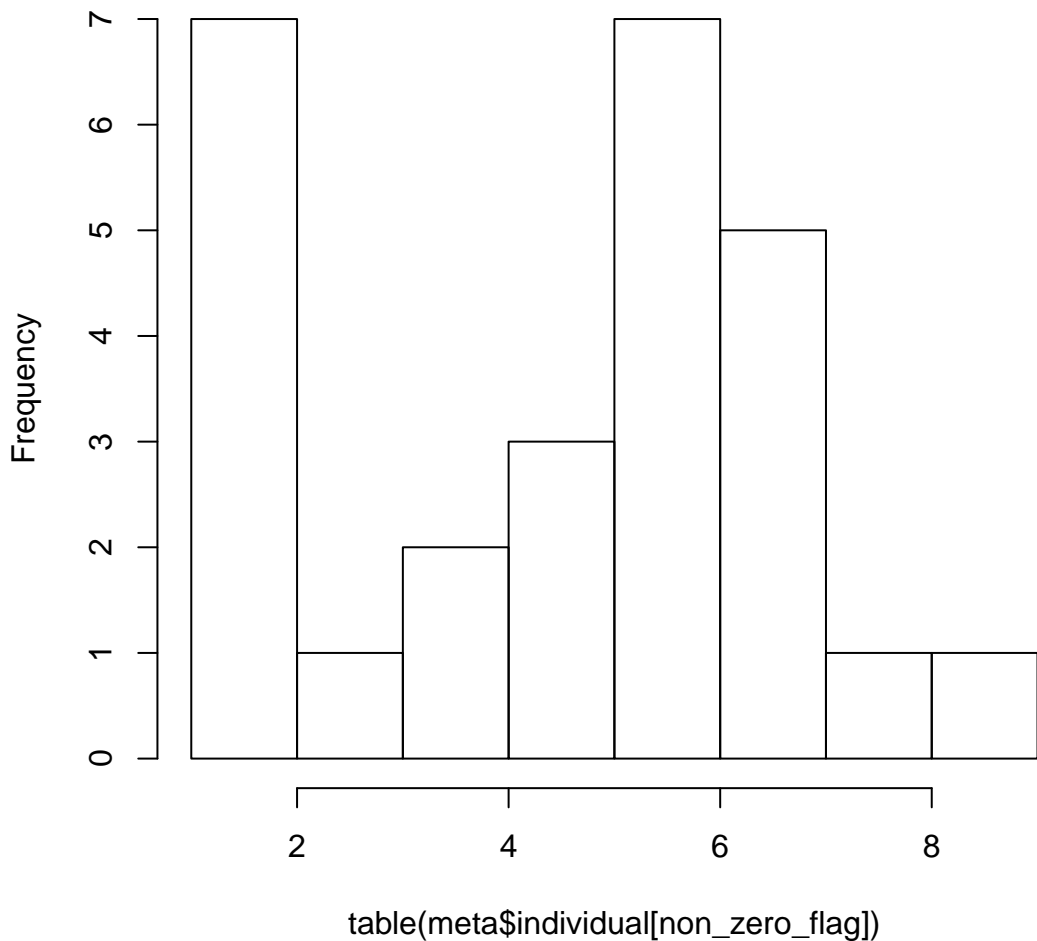
KSless nonsig: individual expression cell count of gene#16



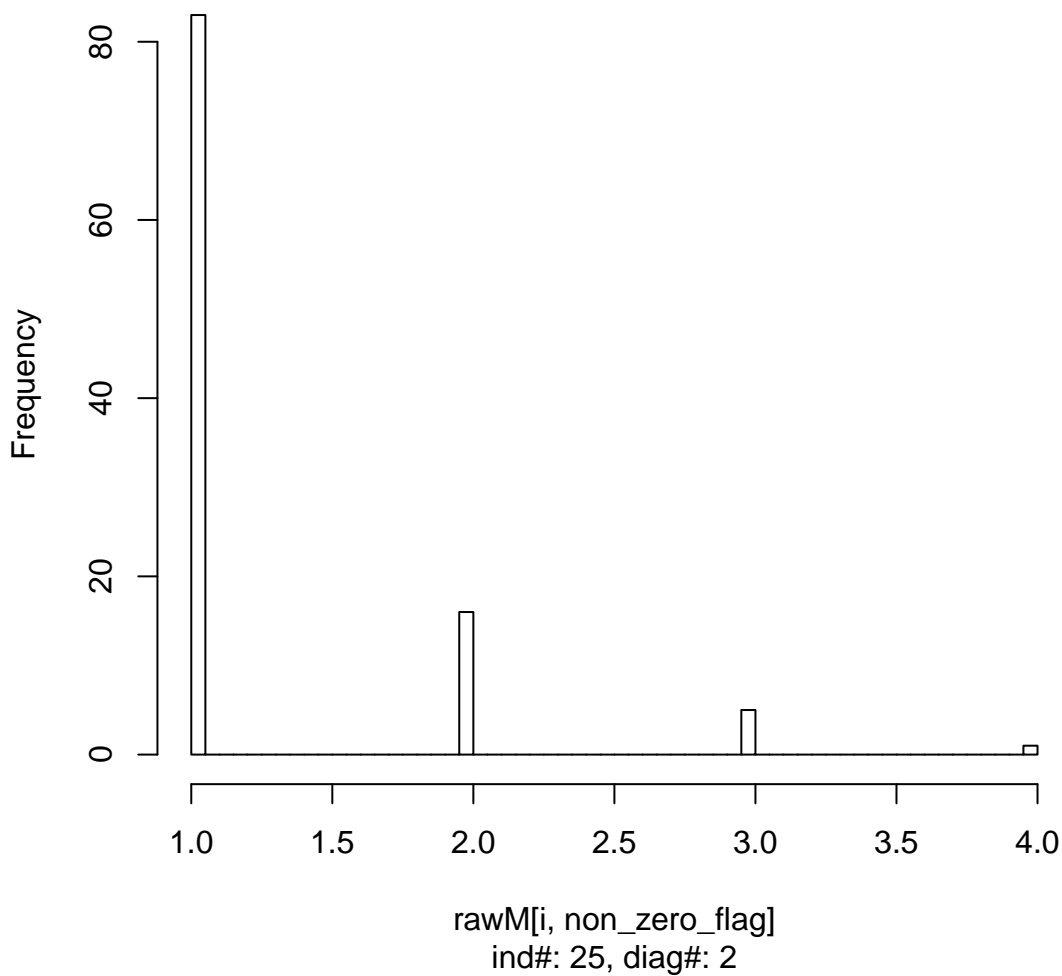
nsig: log expression of gene#18, pval ob=0.8563, non-zero nu



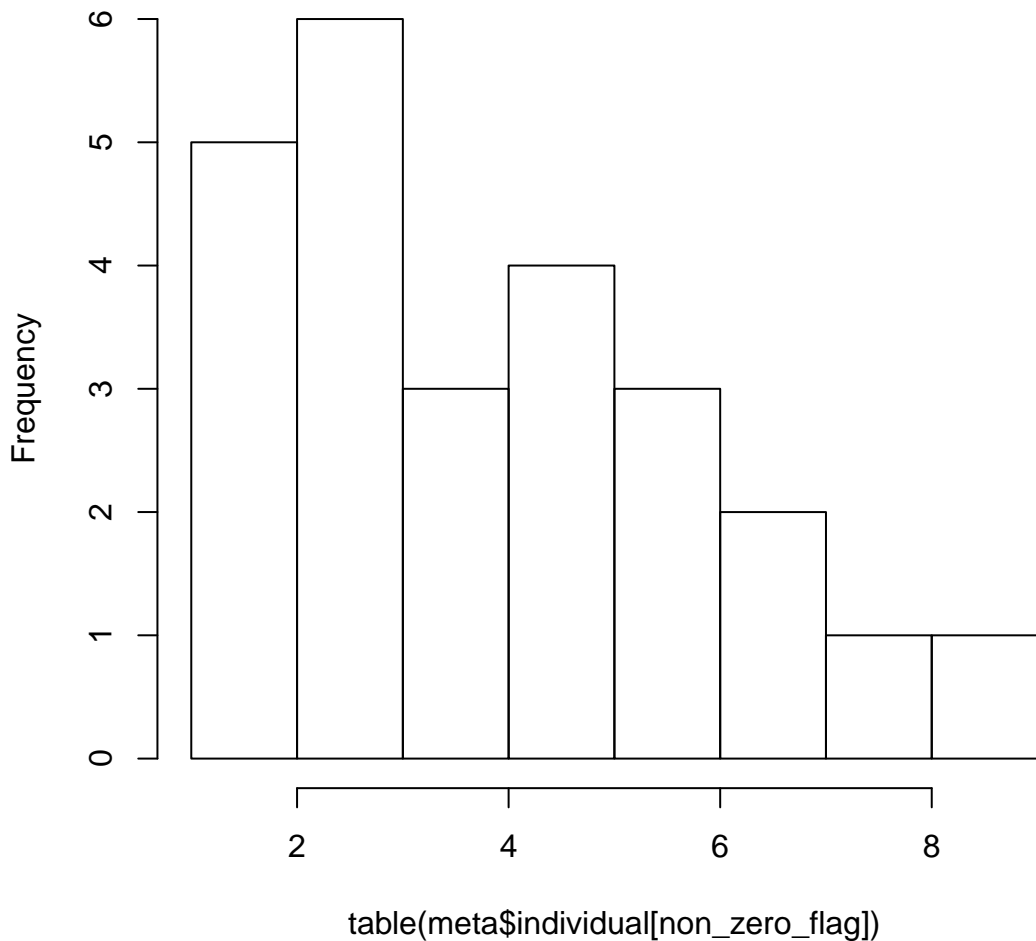
KSless nonsig: individual expression cell count of gene#18



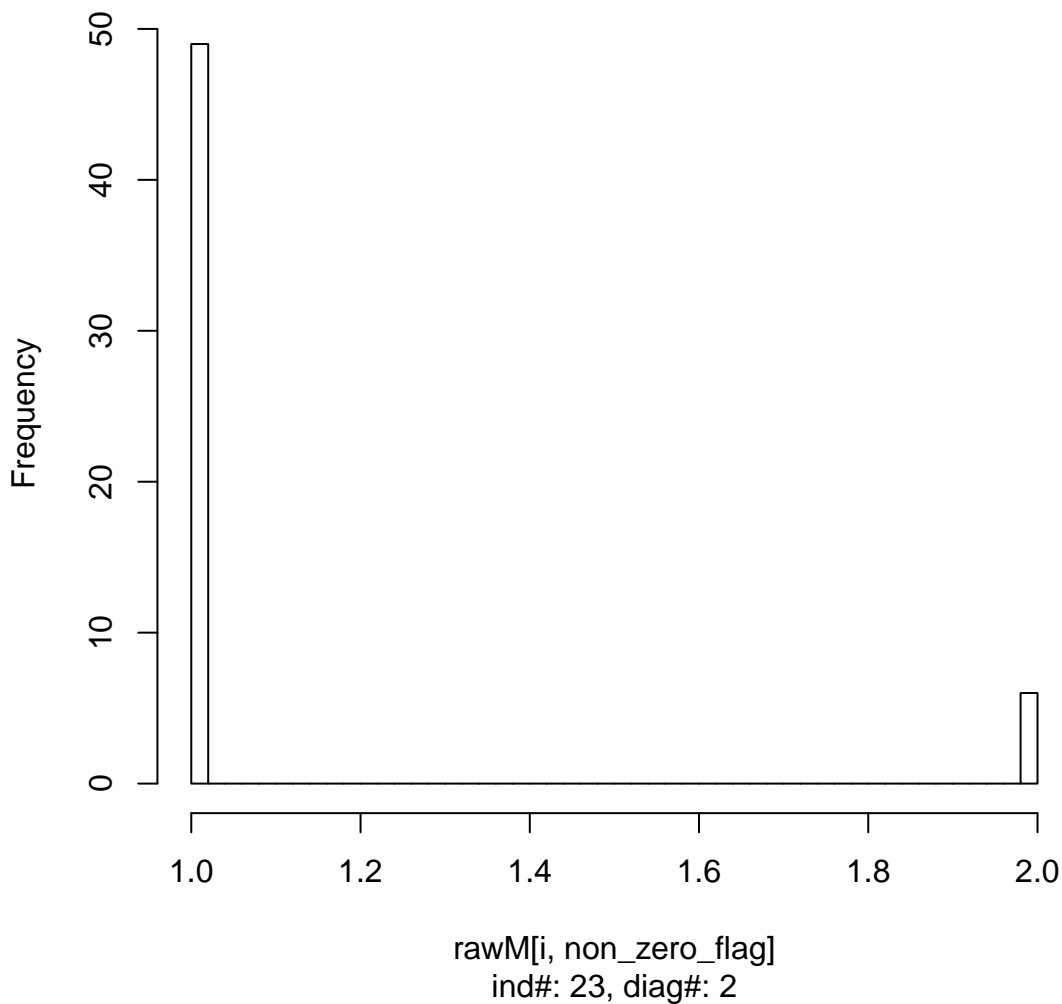
nsig: log expression of gene#19, pval ob=0.7628, non-zero nu



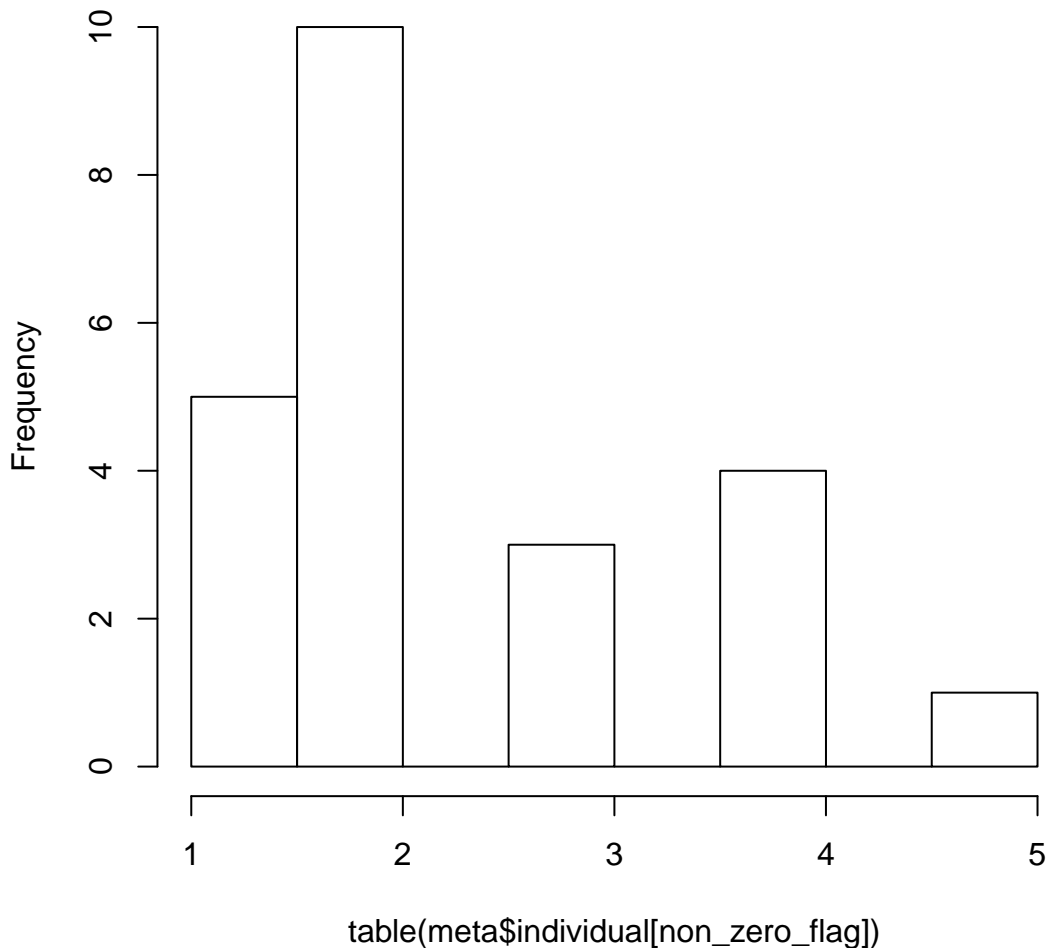
KSless nonsig: individual expression cell count of gene#19



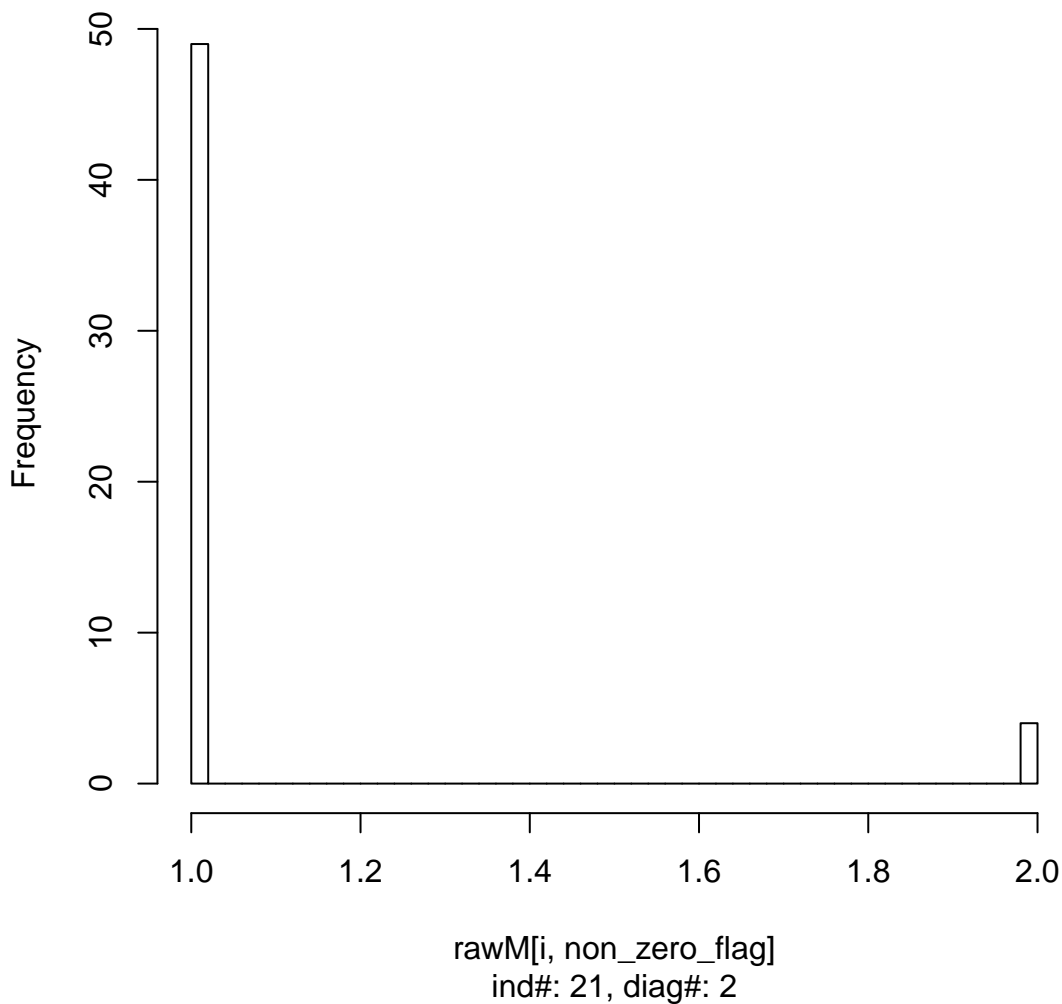
S nonsig: log expression of gene#24, pval ob=0.2957, non-zero n



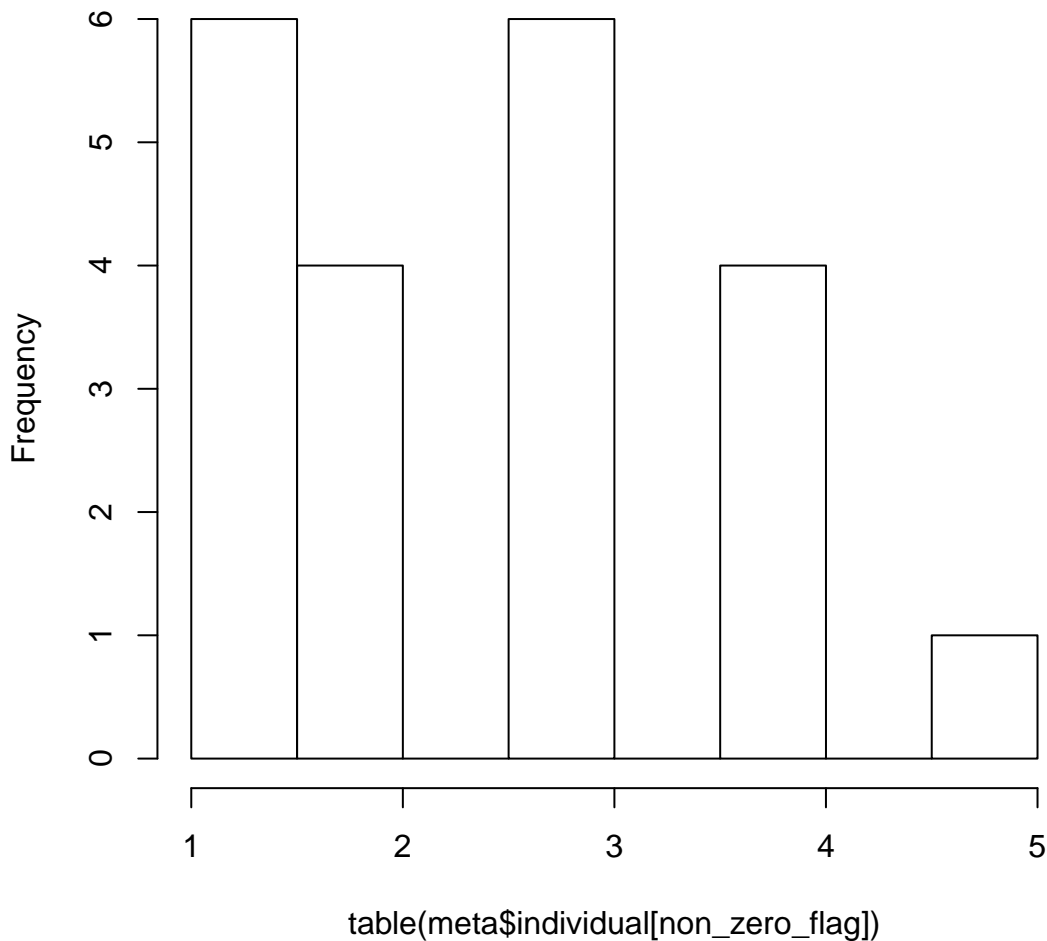
KSless nonsig: individual expression cell count of gene#24



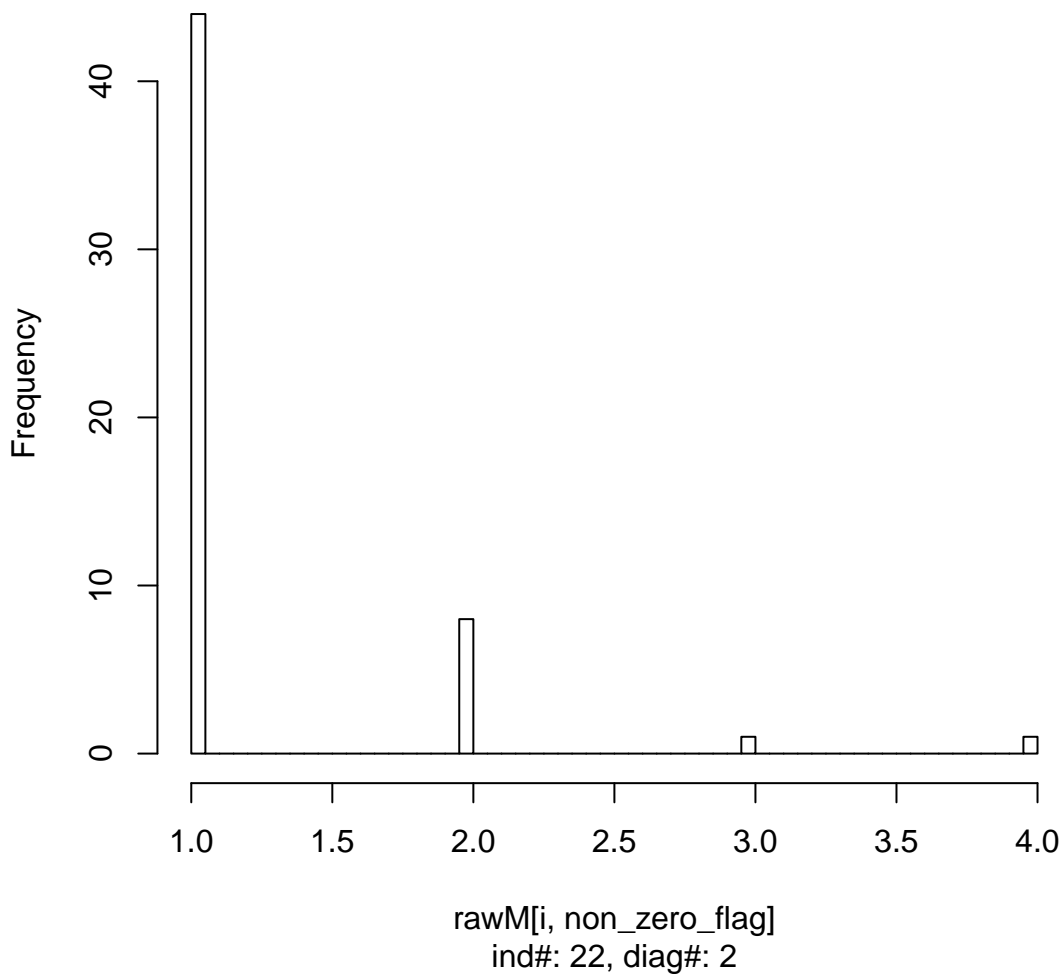
S nonsig: log expression of gene#25, pval ob=0.1636, non-zero n



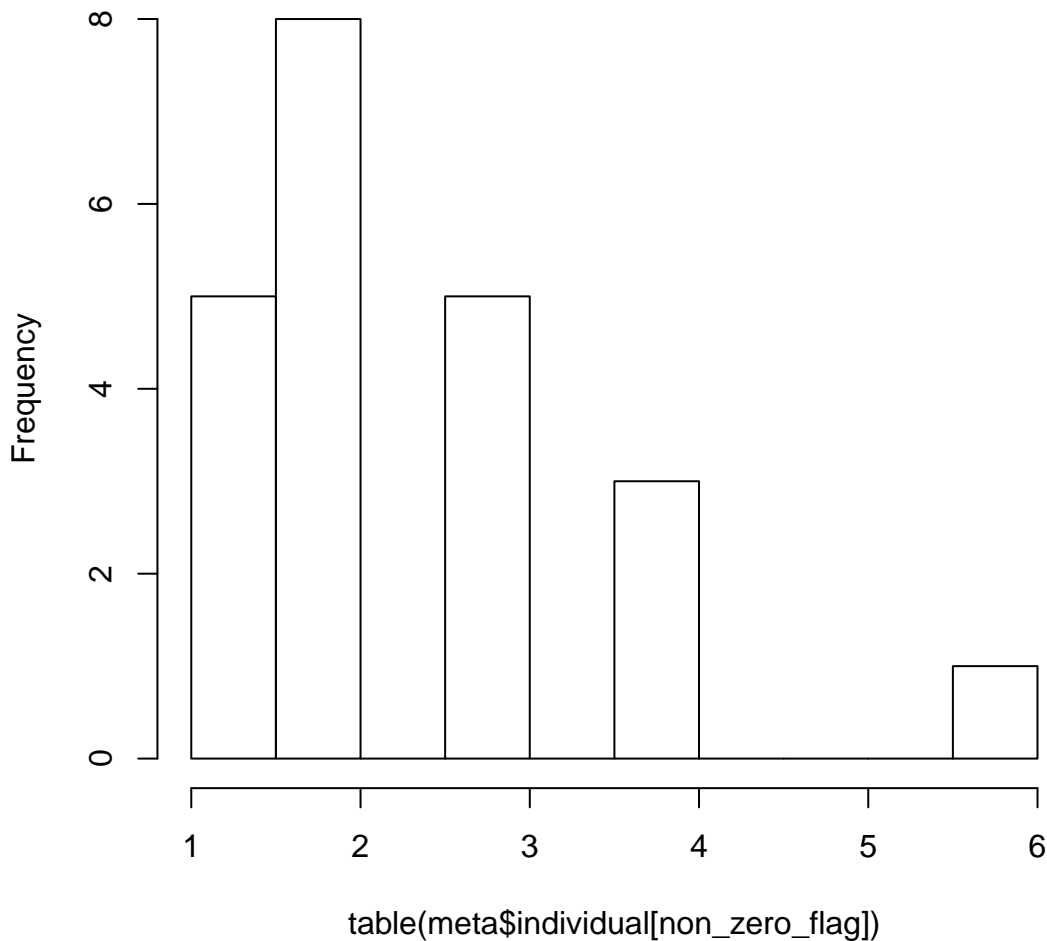
KSless nonsig: individual expression cell count of gene#25



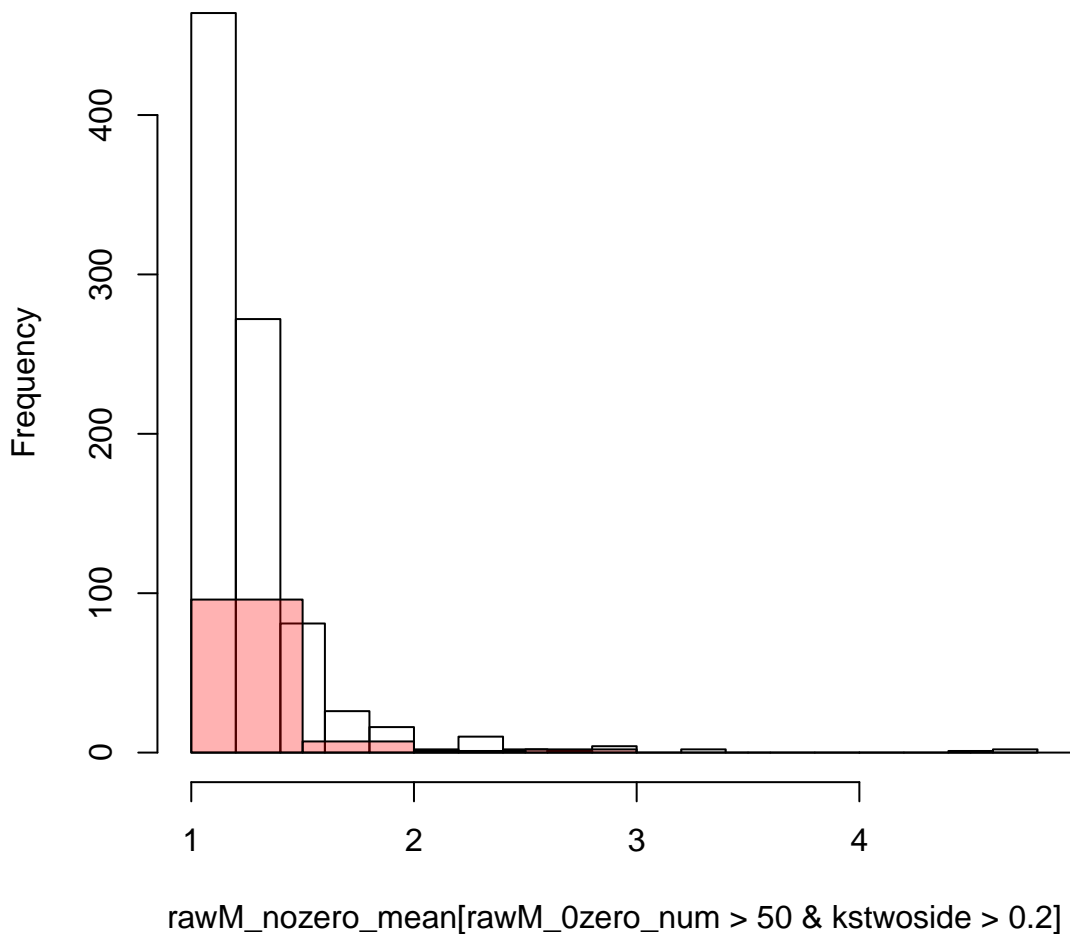
S nonsig: log expression of gene#26, pval ob=0.2167, non-zero n



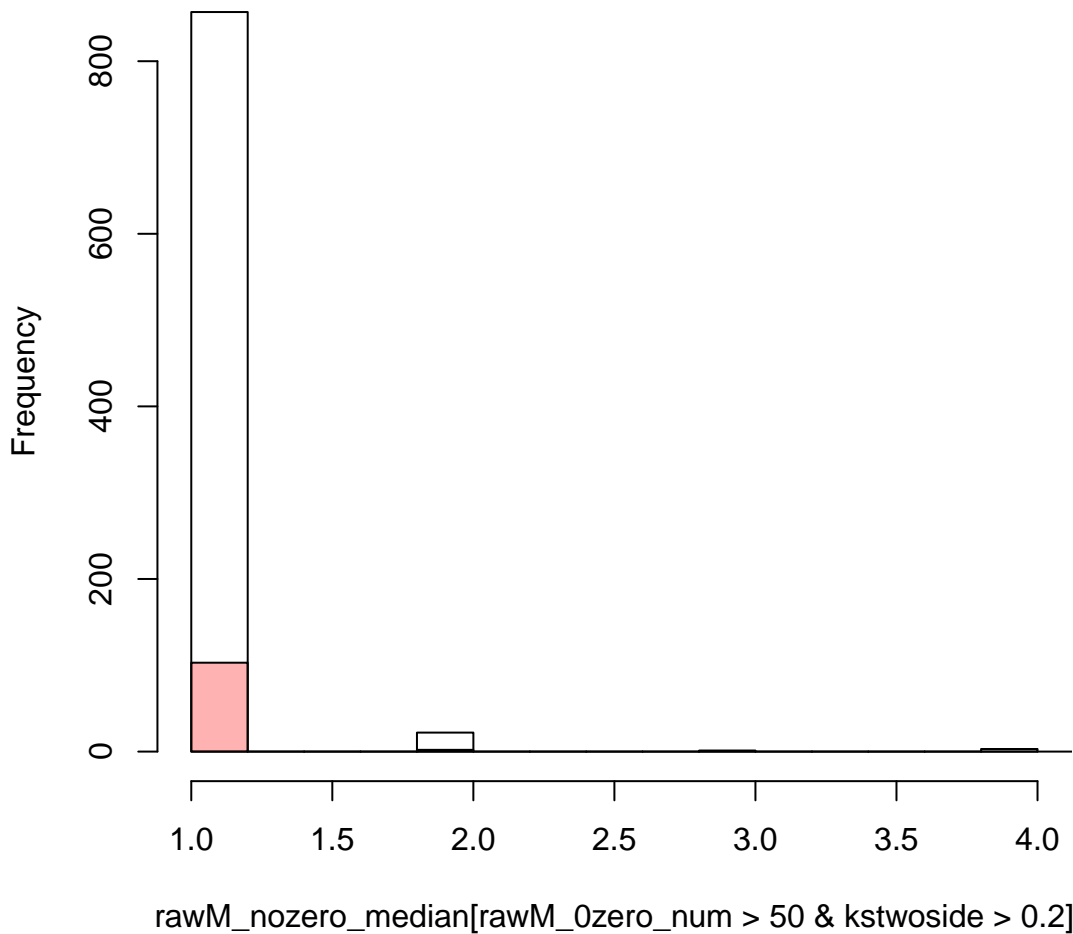
KSless nonsig: individual expression cell count of gene#26



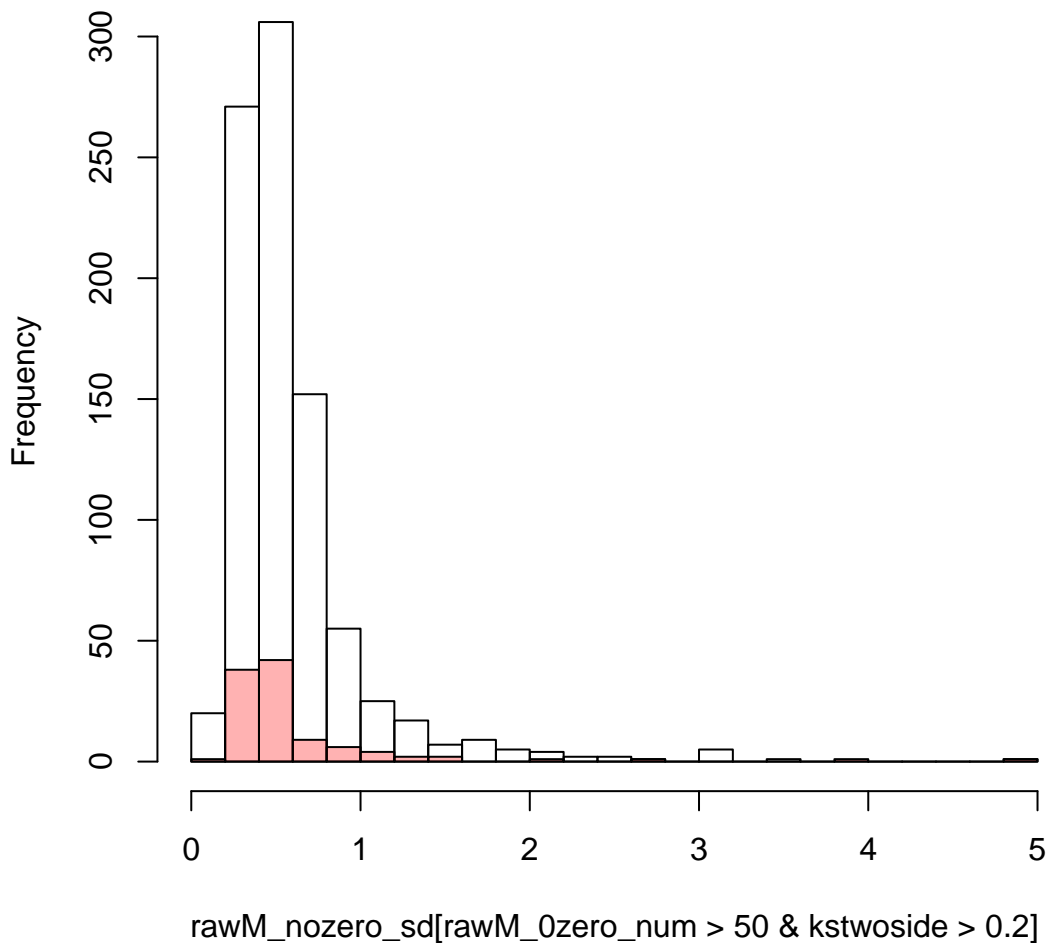
Histogram of rawM_nozero_mean[rawM_0zero_num > 50 & kstwsid



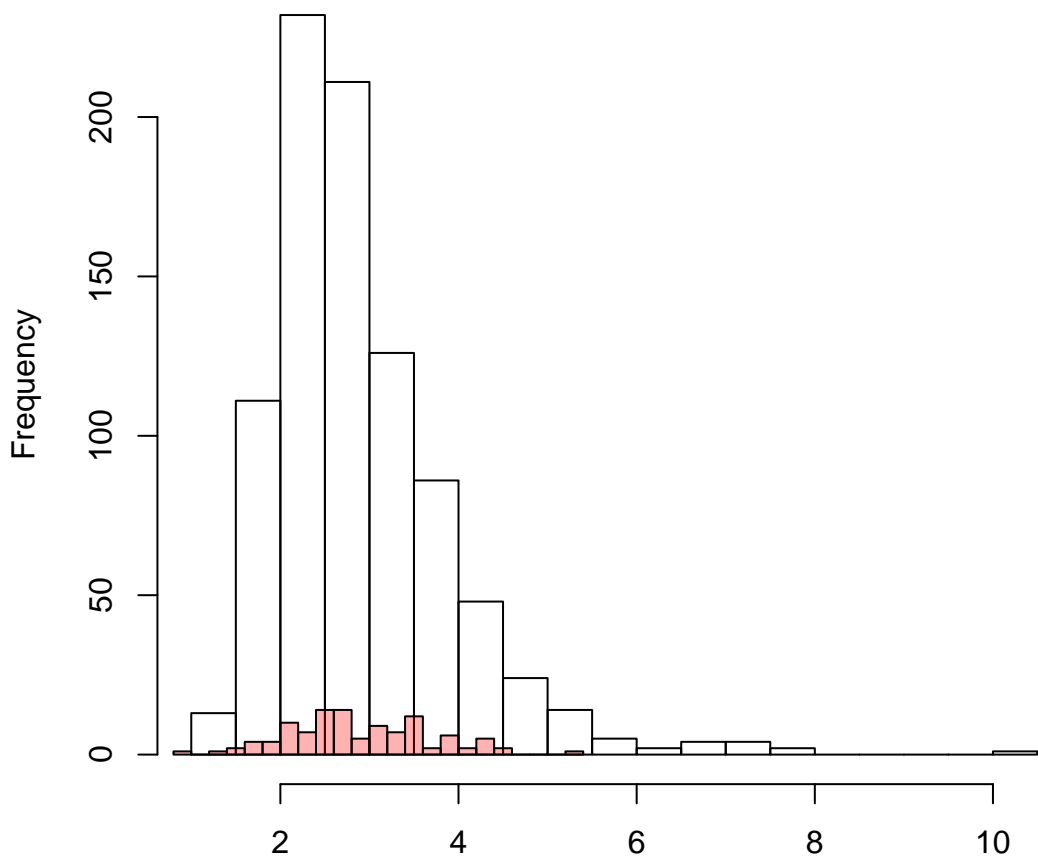
ogram of rawM_nozero_median[rawM_0zero_num > 50 & kstwosi



histogram of rawM_nozero_sd[rawM_0zero_num > 50 & kstwside

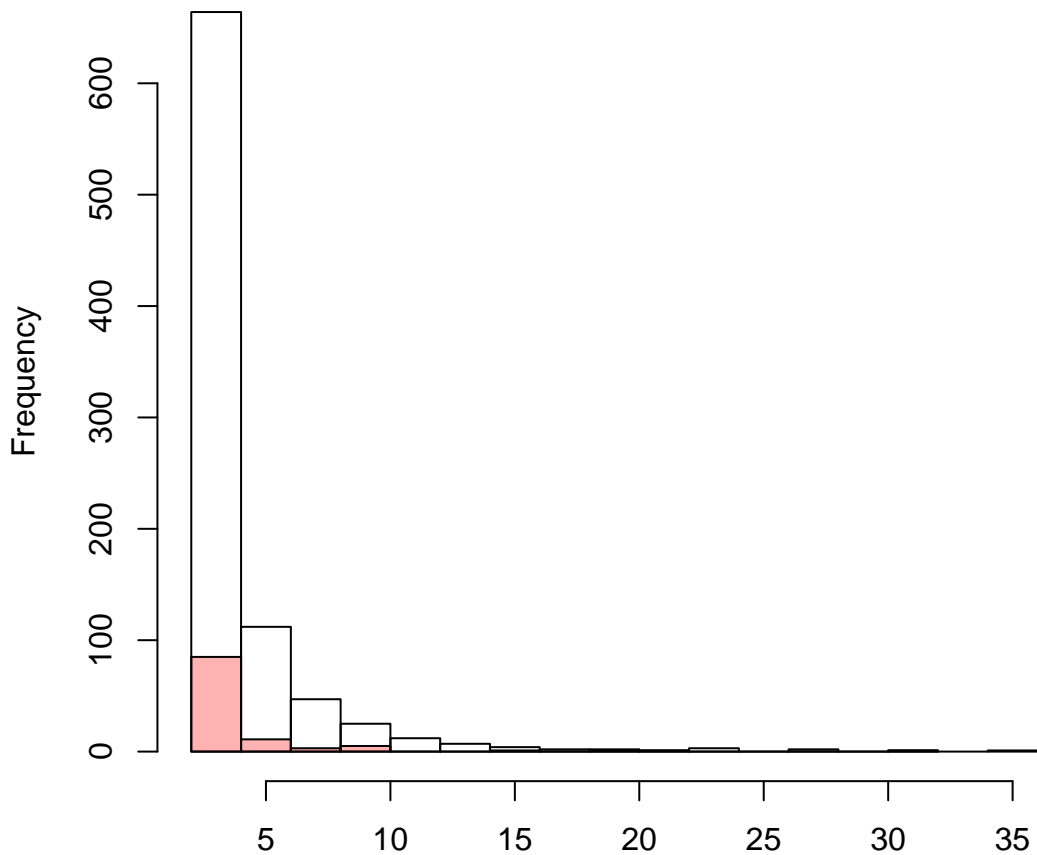


gram of rawM_nozero_skewness[rawM_0zero_num > 50 & kstws



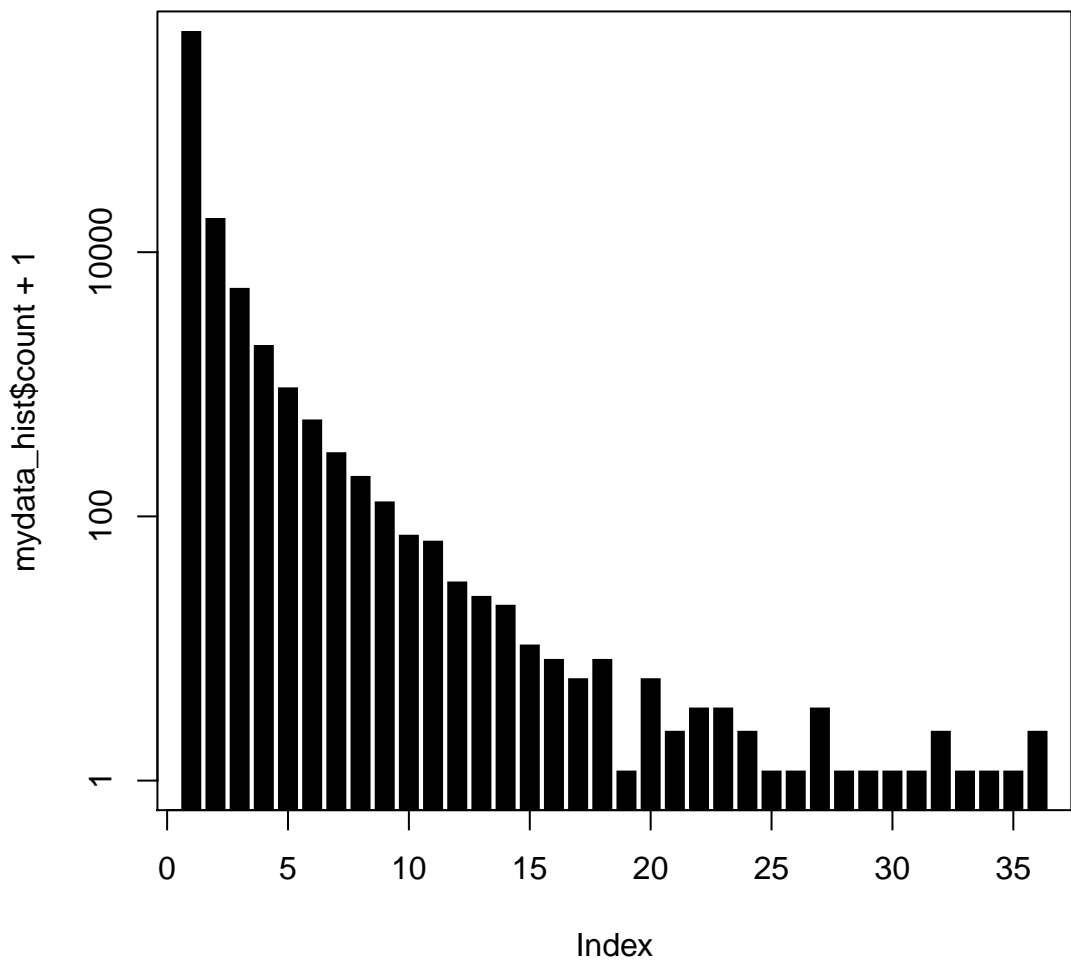
rawM_nozero_skewness[rawM_0zero_num > 50 & kstws

Histogram of rawM_nozero_max[rawM_0zero_num > 50 & kstwside

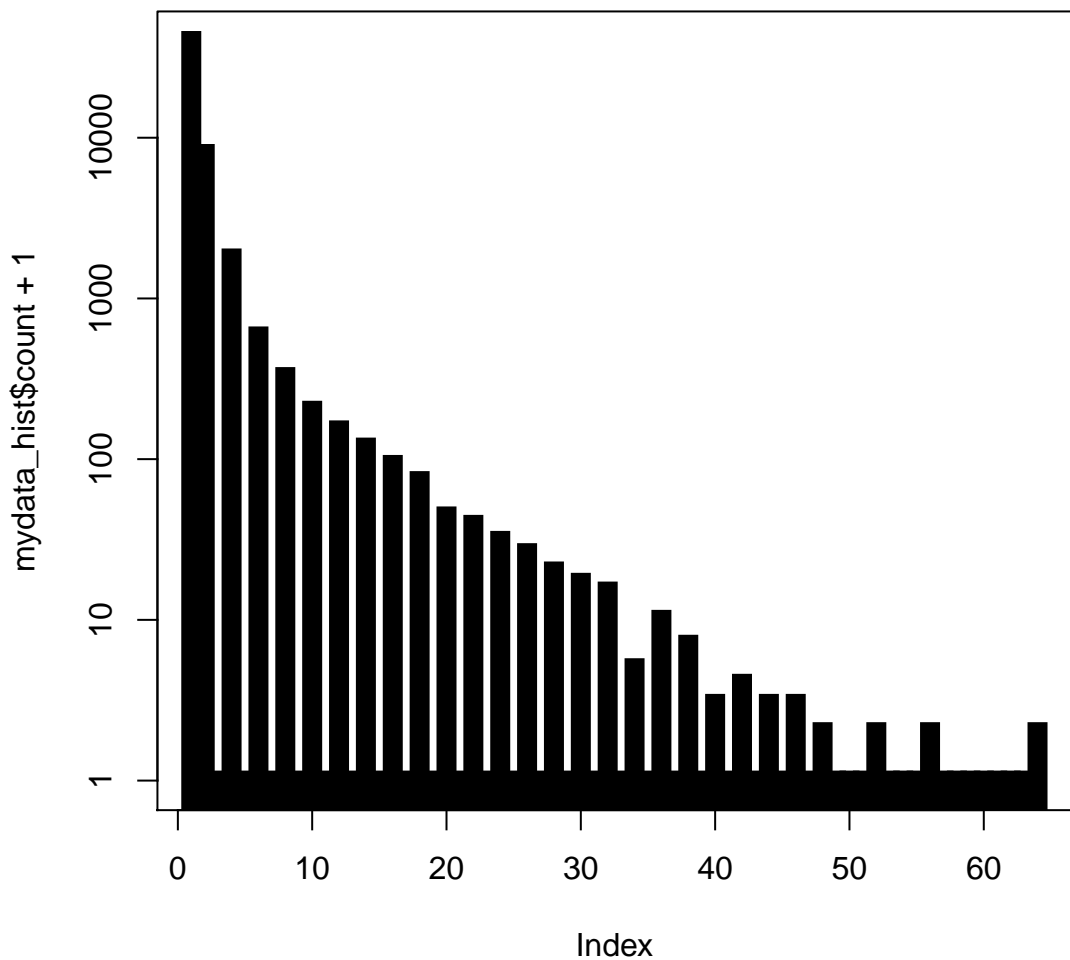


rawM_nozero_max[rawM_0zero_num > 50 & kstwside > 0.2]

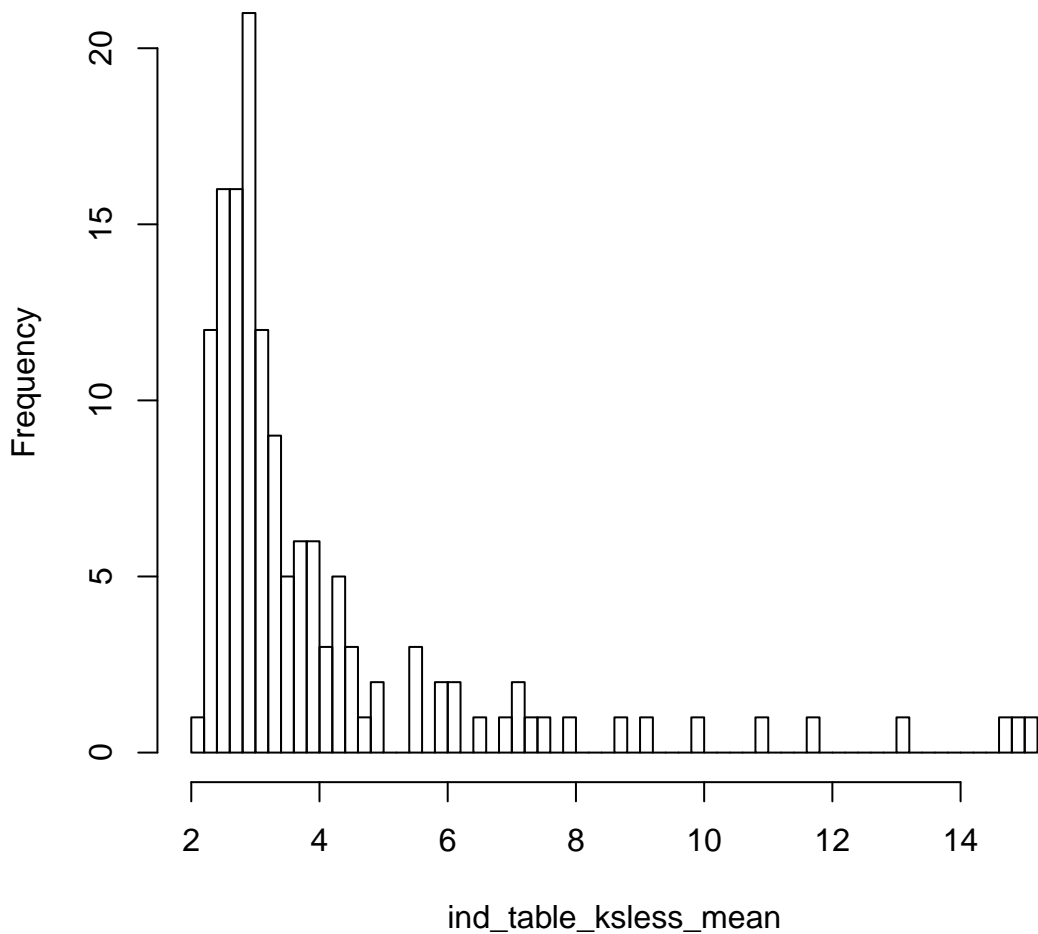
genes $\log(\text{expression} + 1)$ with least 50 cell expression and kstwosi



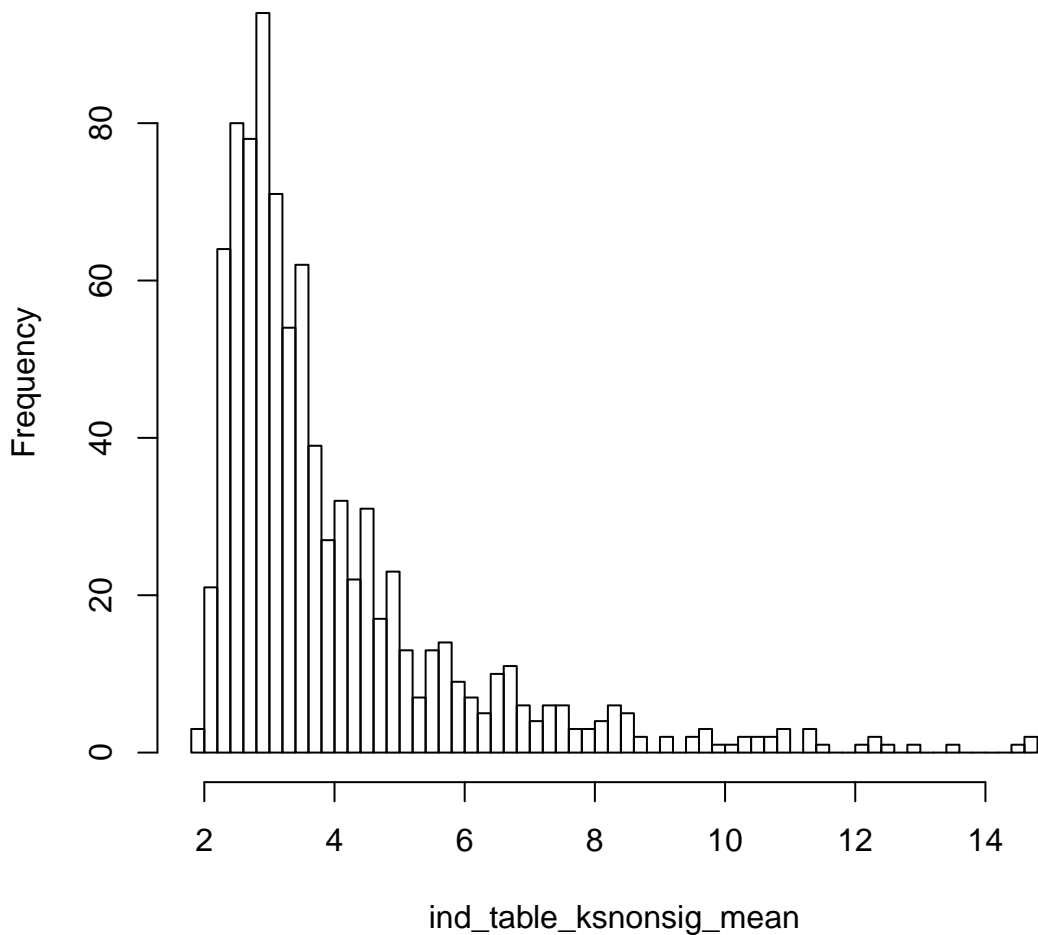
nes $\log(\text{expression} + 1)$ with least 50 cell expression and kstwo



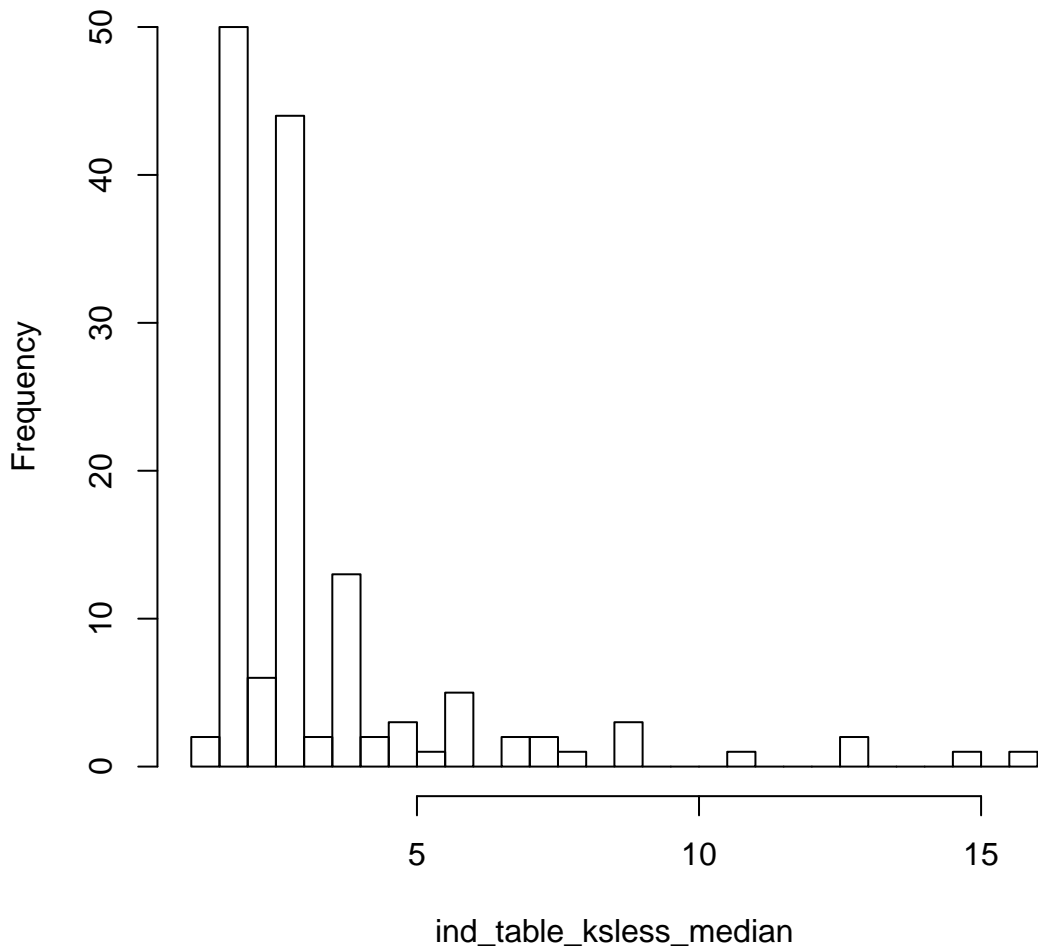
Histogram of ind_table_ksless_mean



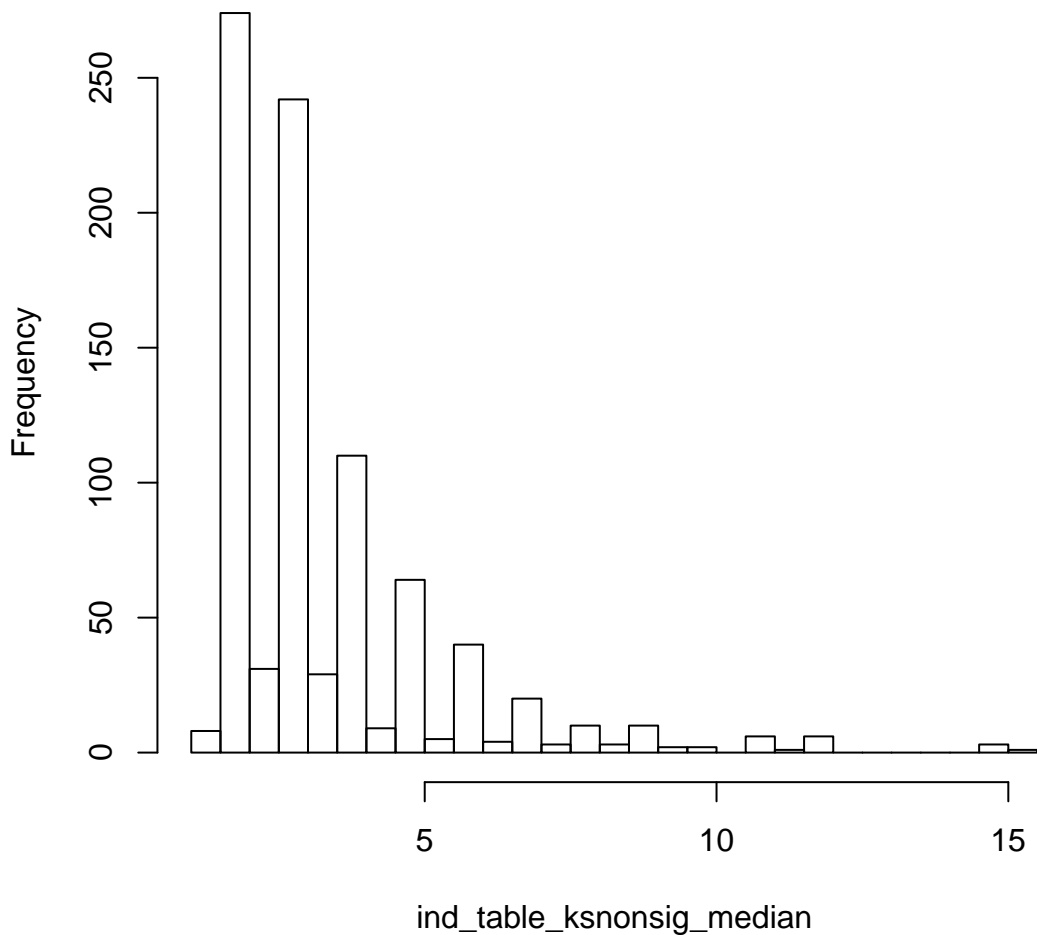
Histogram of ind_table_ksnonsig_mean



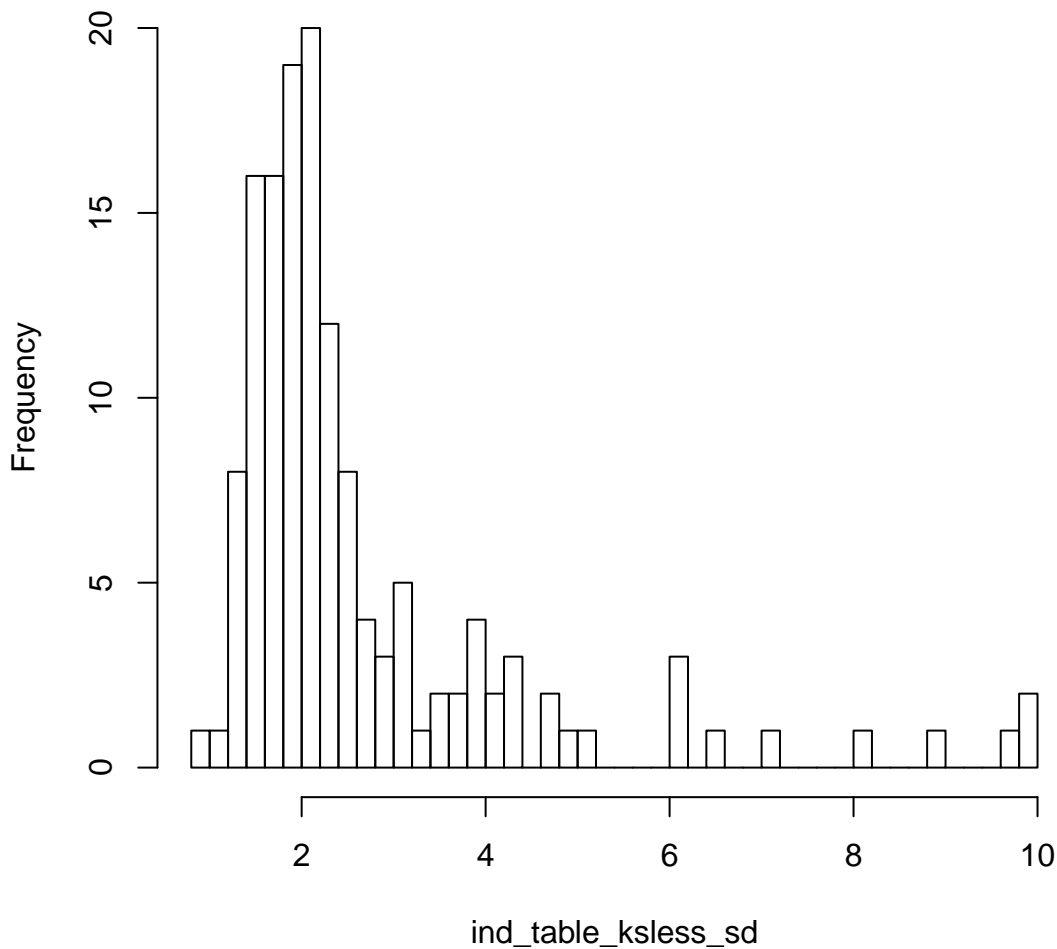
Histogram of ind_table_ksless_median



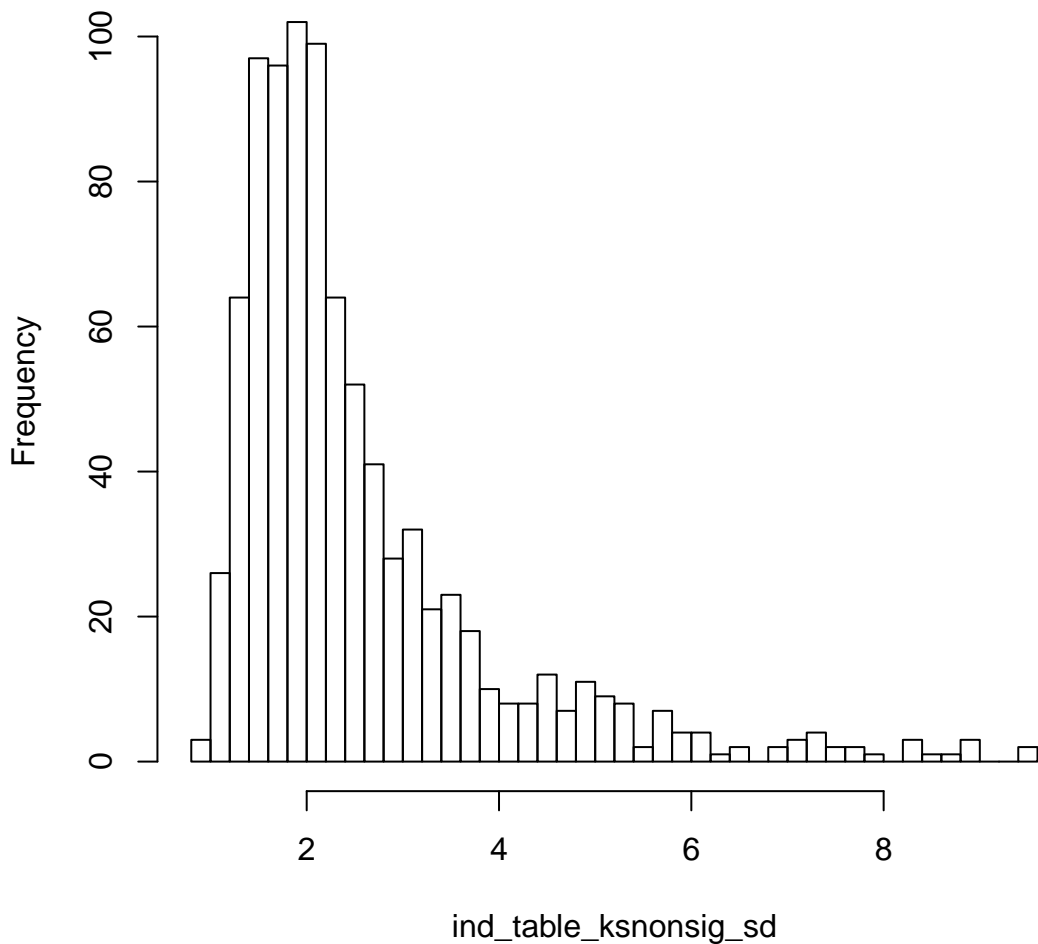
Histogram of ind_table_ksnonsig_median



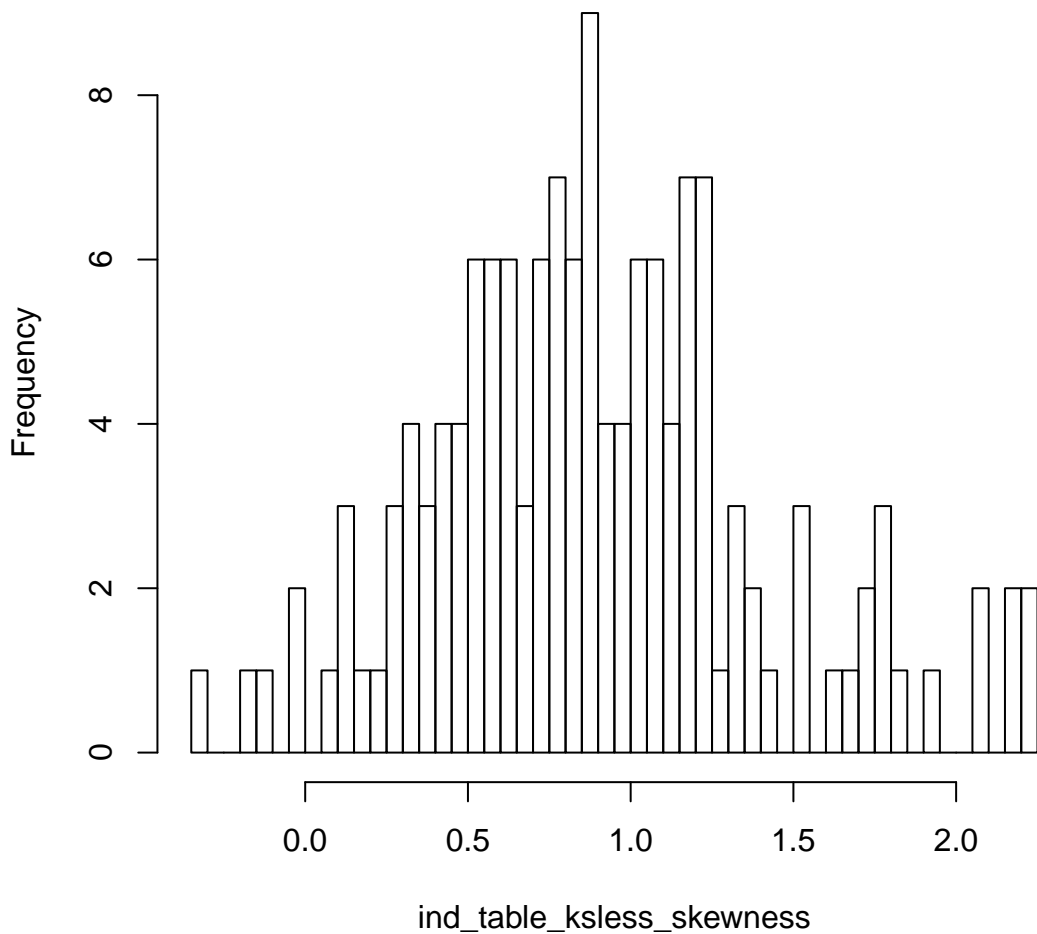
Histogram of ind_table_ksless_sd



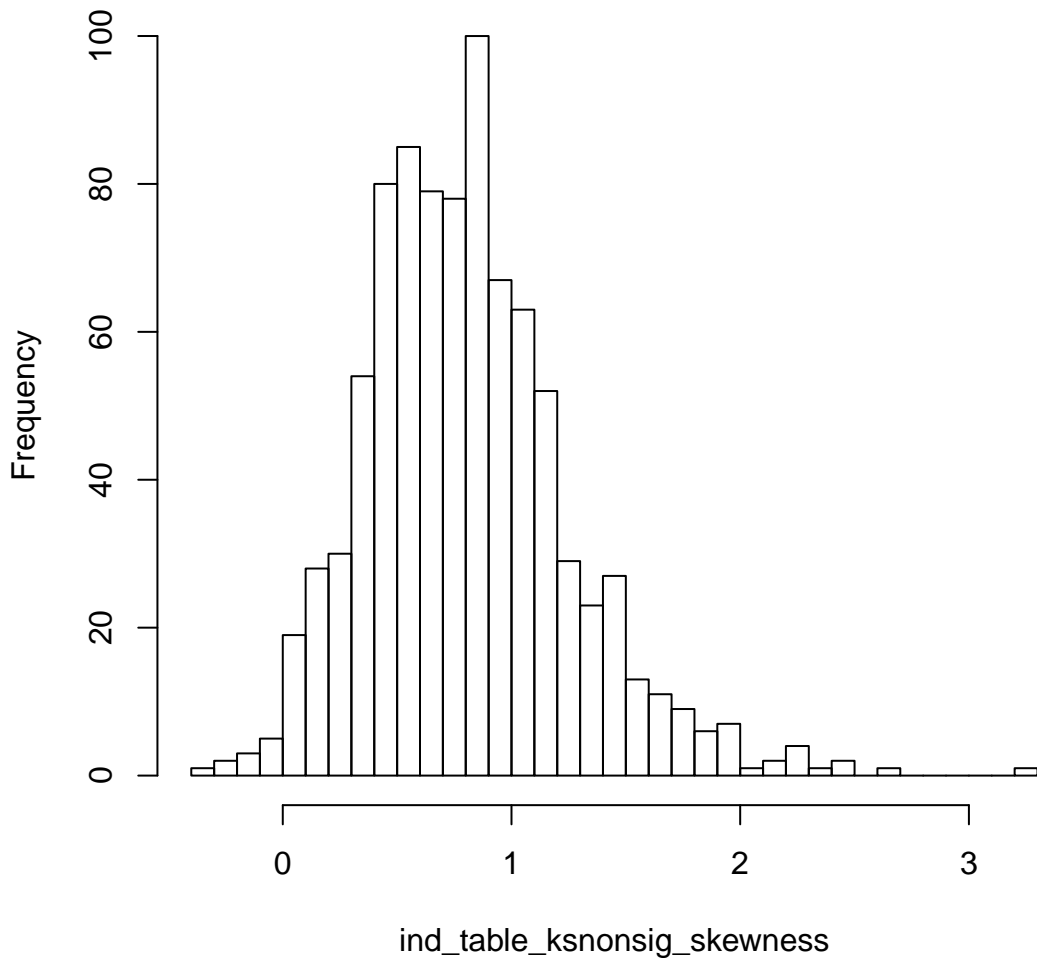
Histogram of ind_table_ksnonsig_sd



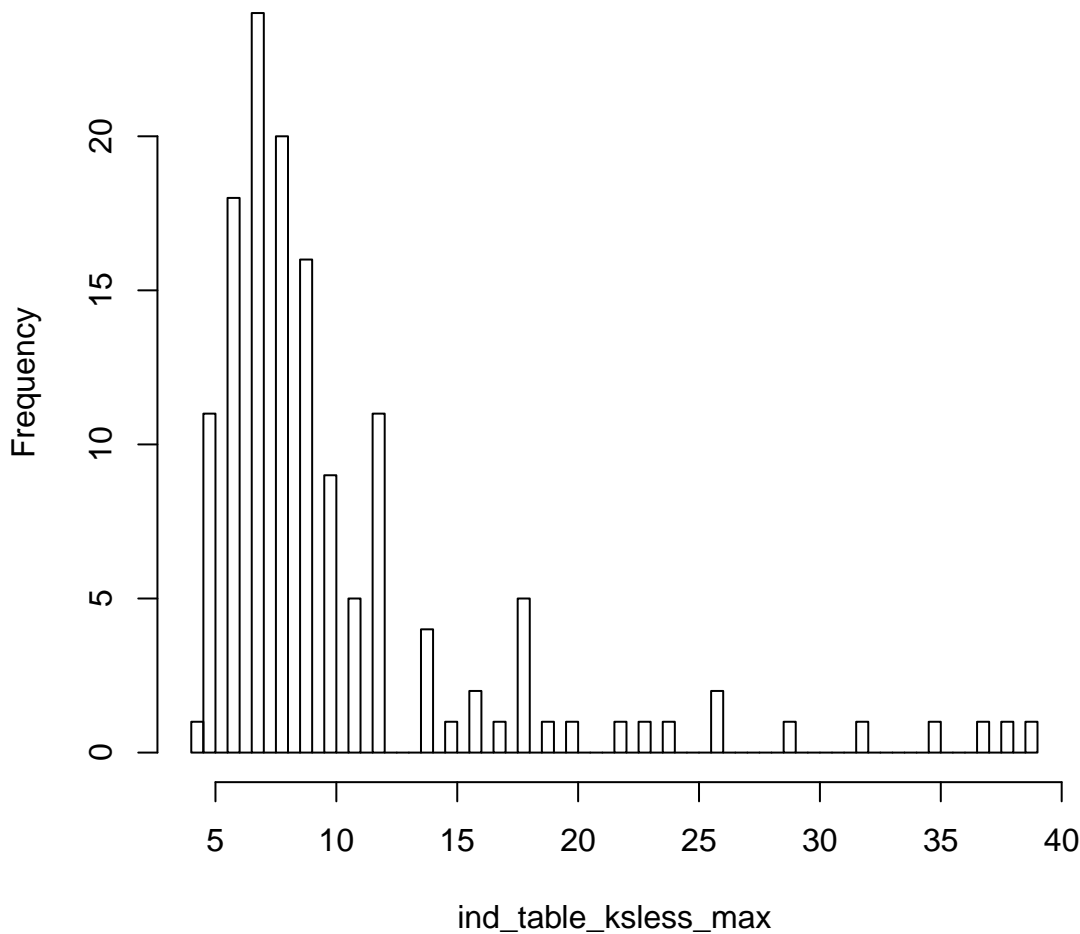
Histogram of ind_table_ksless_skewness



Histogram of ind_table_ksnonsig_skewness



Histogram of ind_table_ksless_max



Histogram of ind_table_ksnonsig_max

