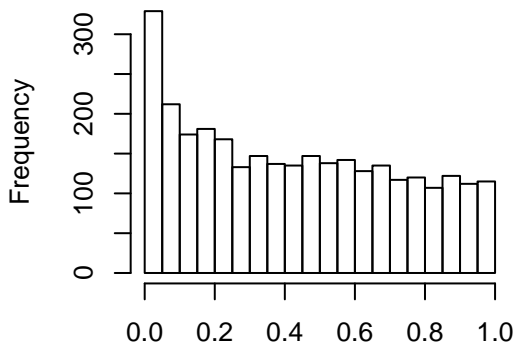
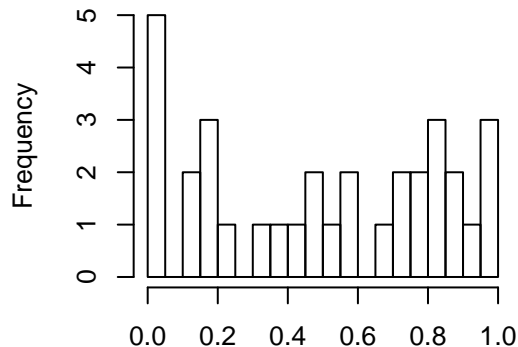


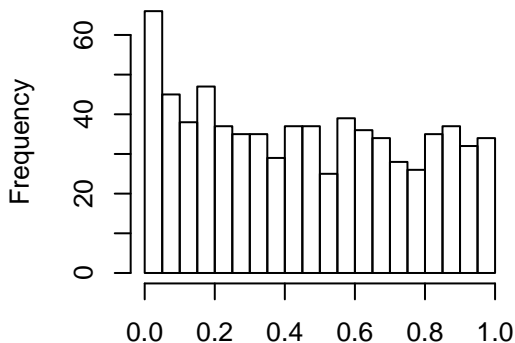
perm pvalues



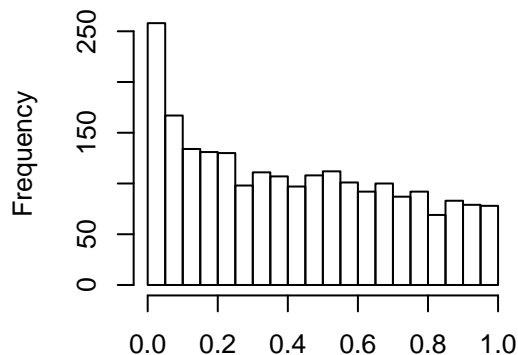
s,rawM_0zero_num<max(20,min(rawM_0zero_num,100))



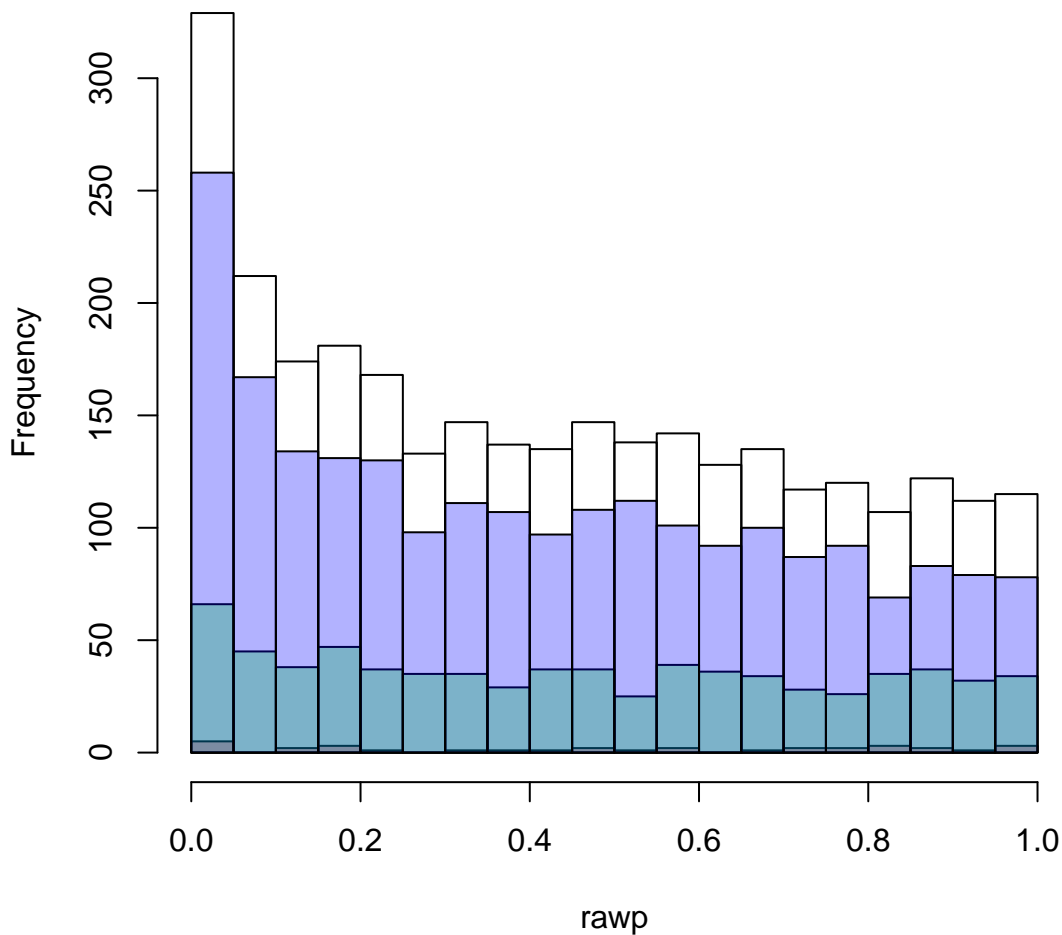
perm pvalues,rawM_0zero_num >= 20



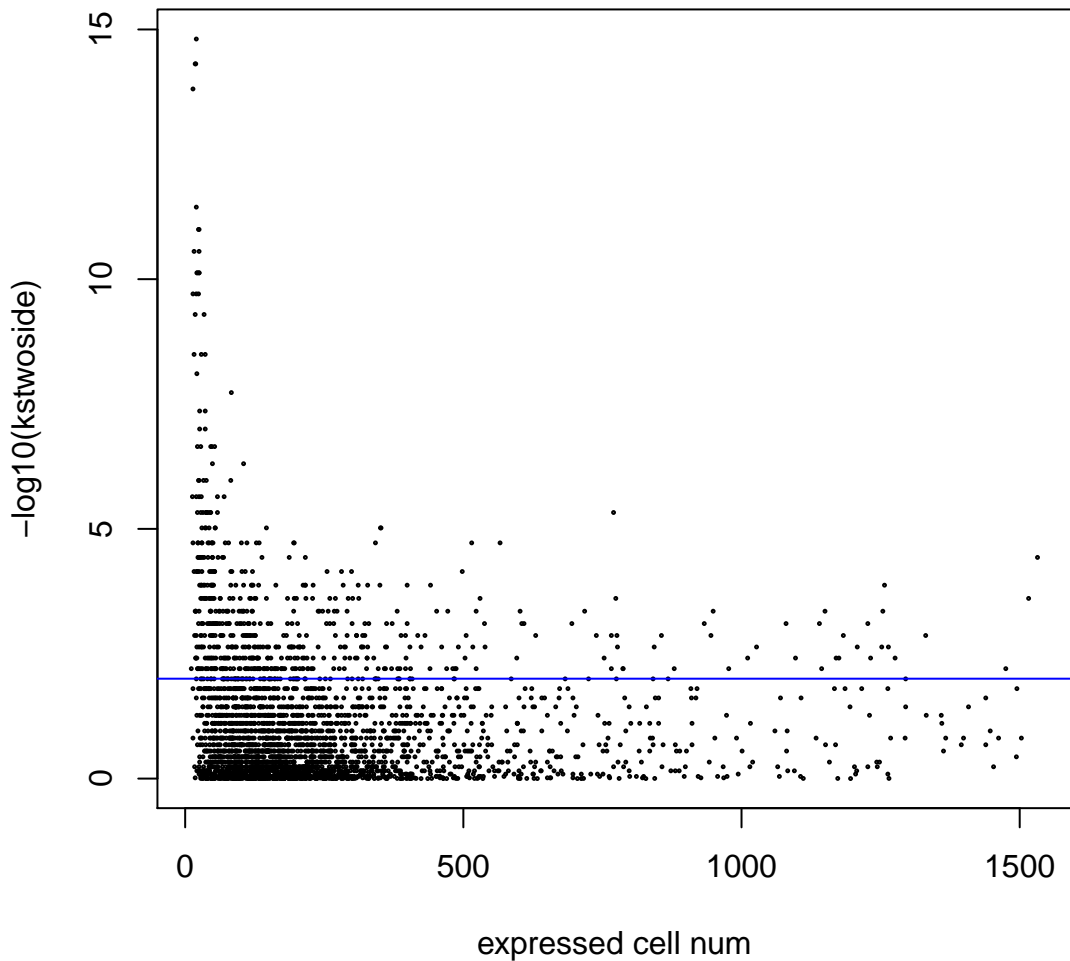
perm pvalues,rawM_0zero_num >= 100



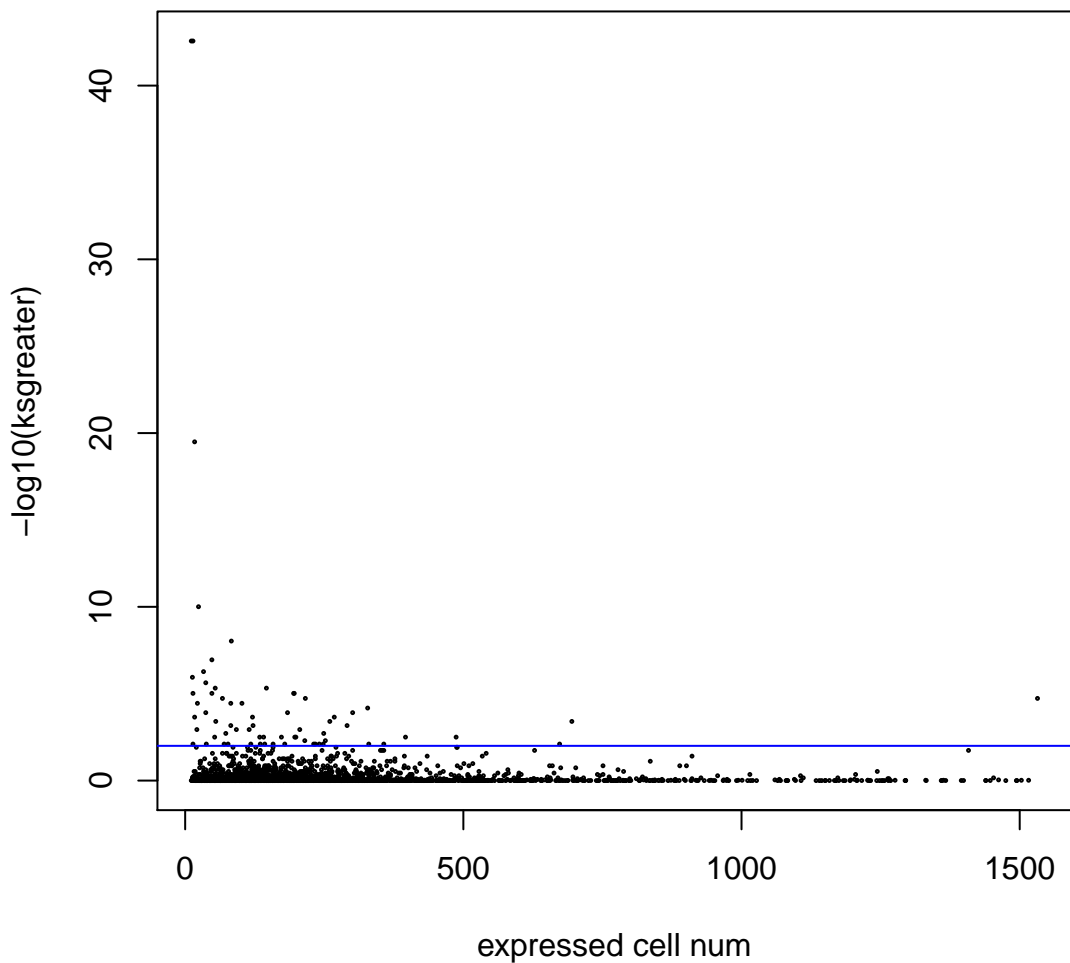
perm pvalues



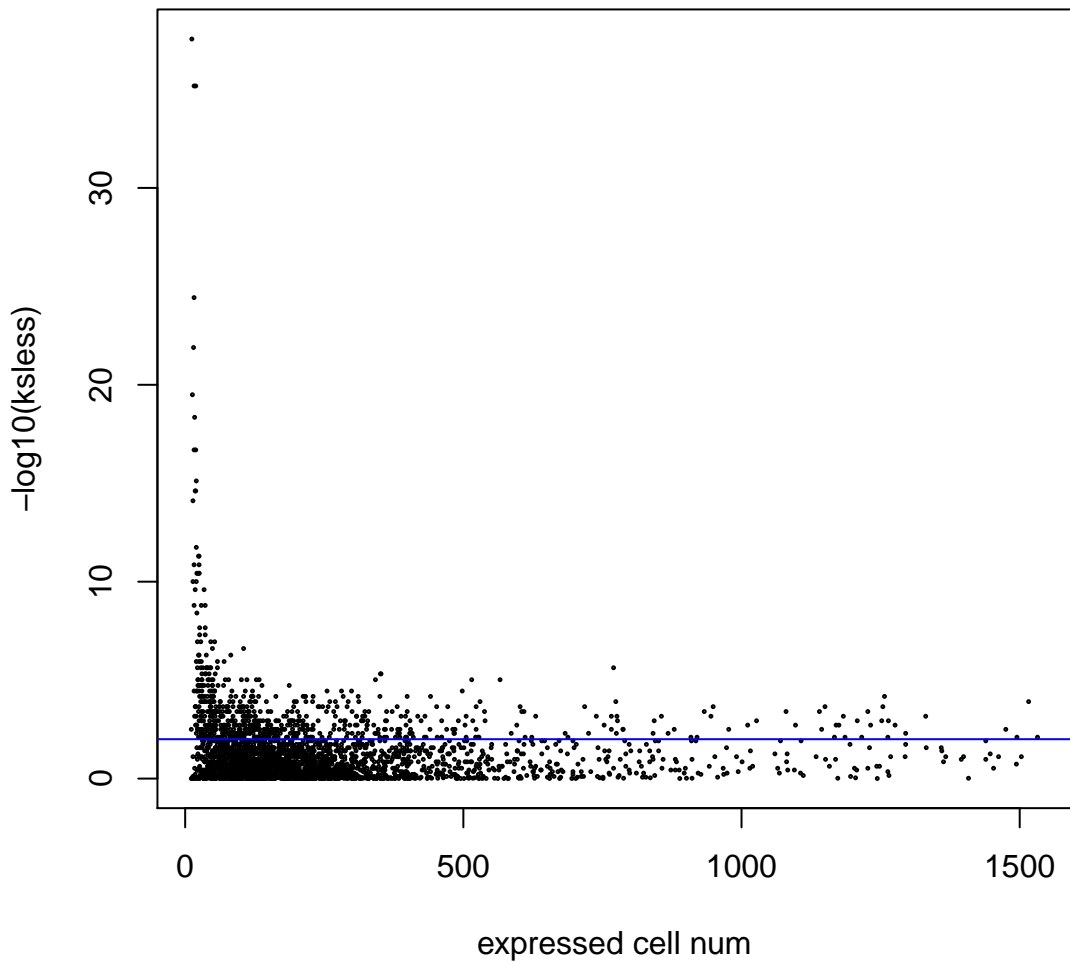
sig_KStwoside: 18.273%



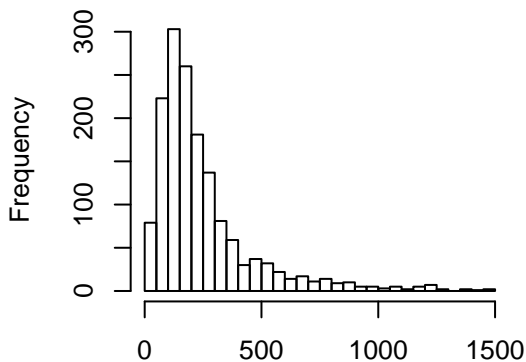
sig_KSgreater: 2.201%



sig_KSless: 22.407%

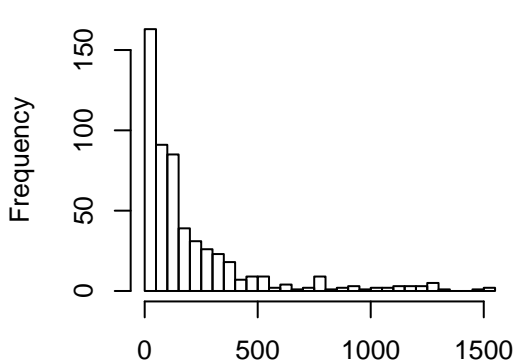


expression cell num,kstwoside>0.2



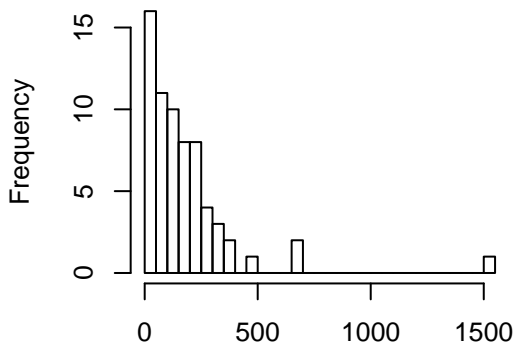
rawM_0zero_num[kstwoside > 0.2]

expression cell num,kstwoside<0.01



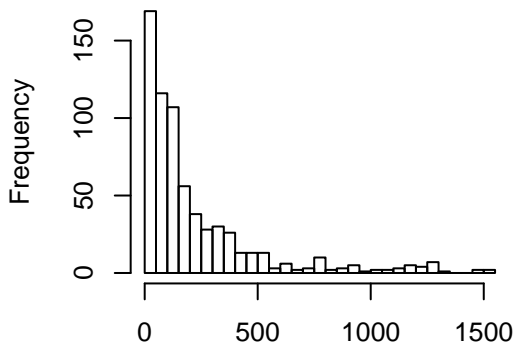
rawM_0zero_num[kstwoside < 0.01]

expression cell num,ksgreater<0.01



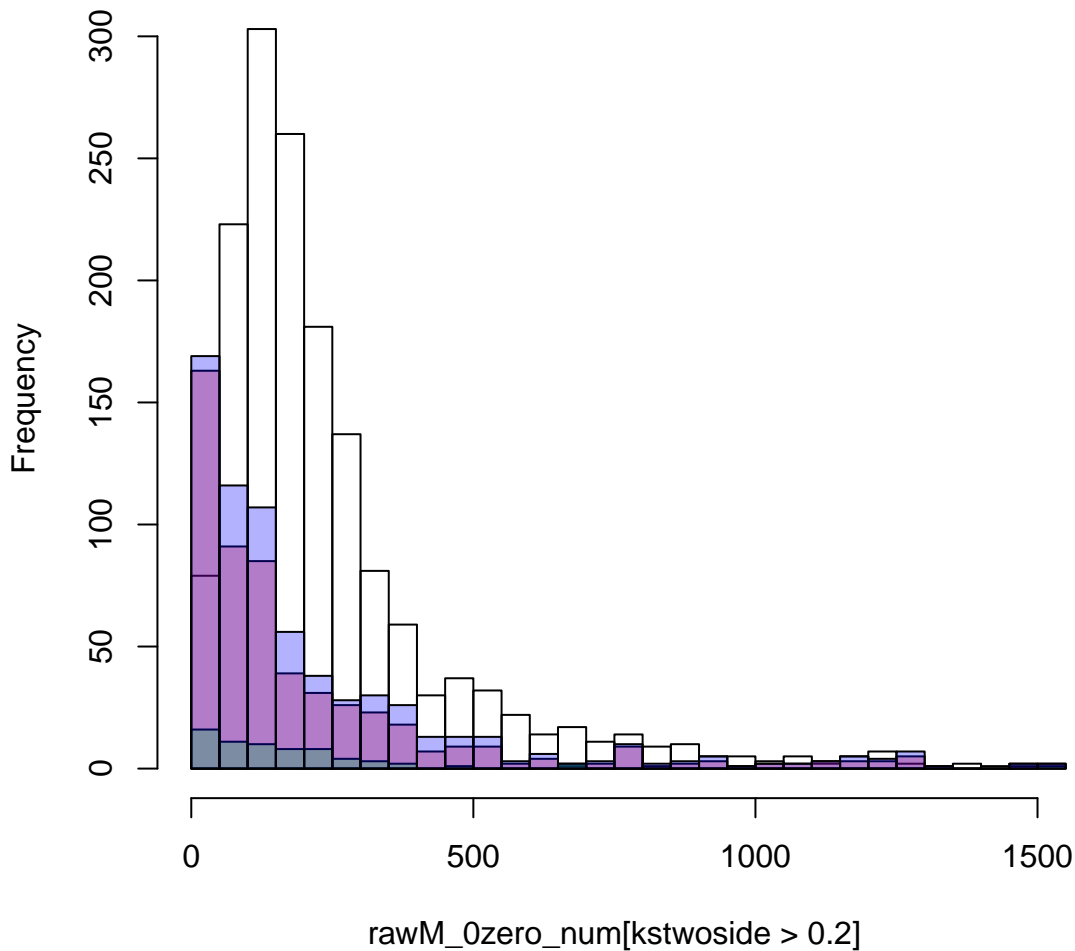
rawM_0zero_num[ksgreater < 0.01]

expression cell num,ksless<0.01

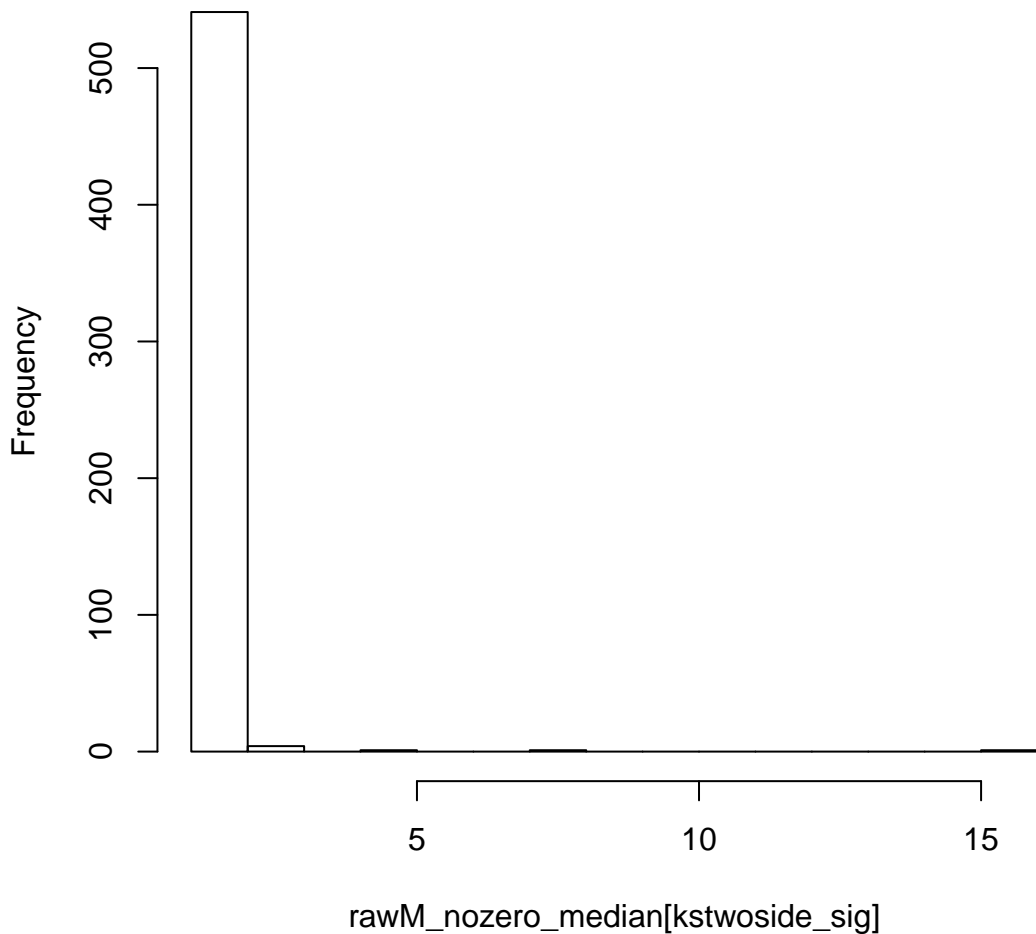


rawM_0zero_num[ksless < 0.01]

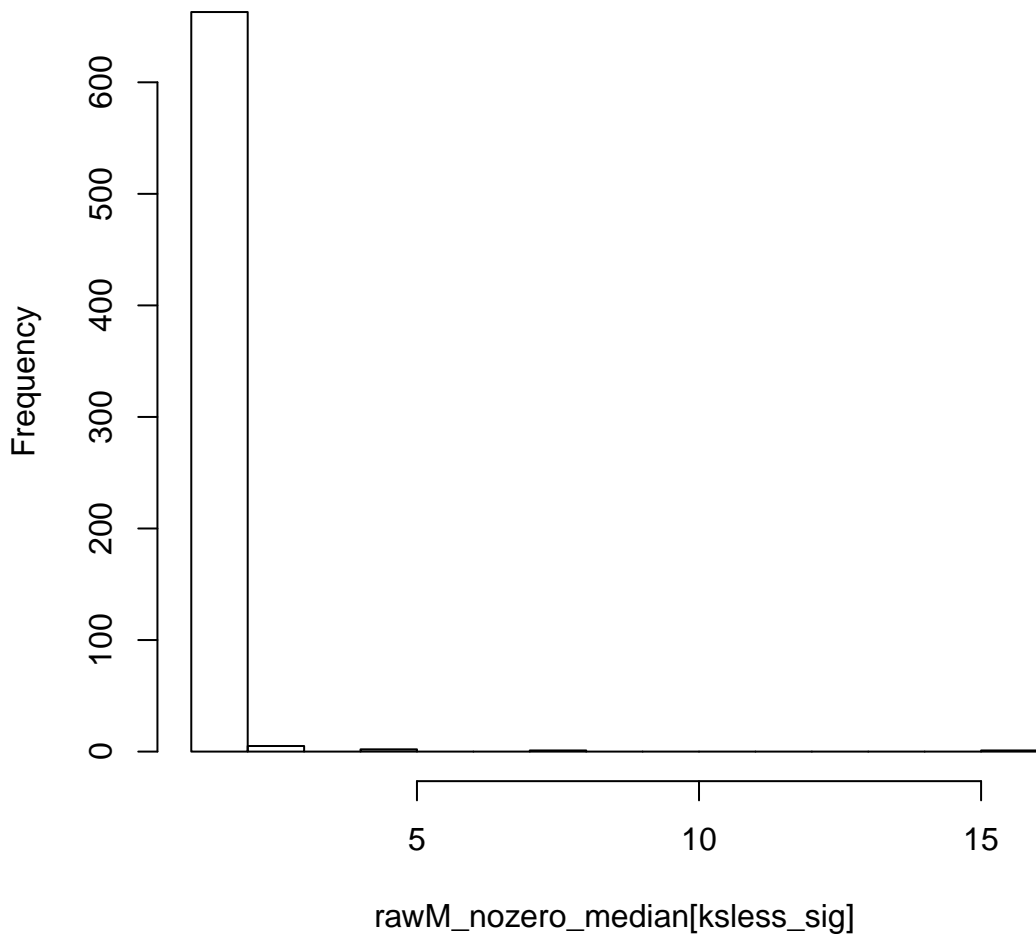
expression cell num



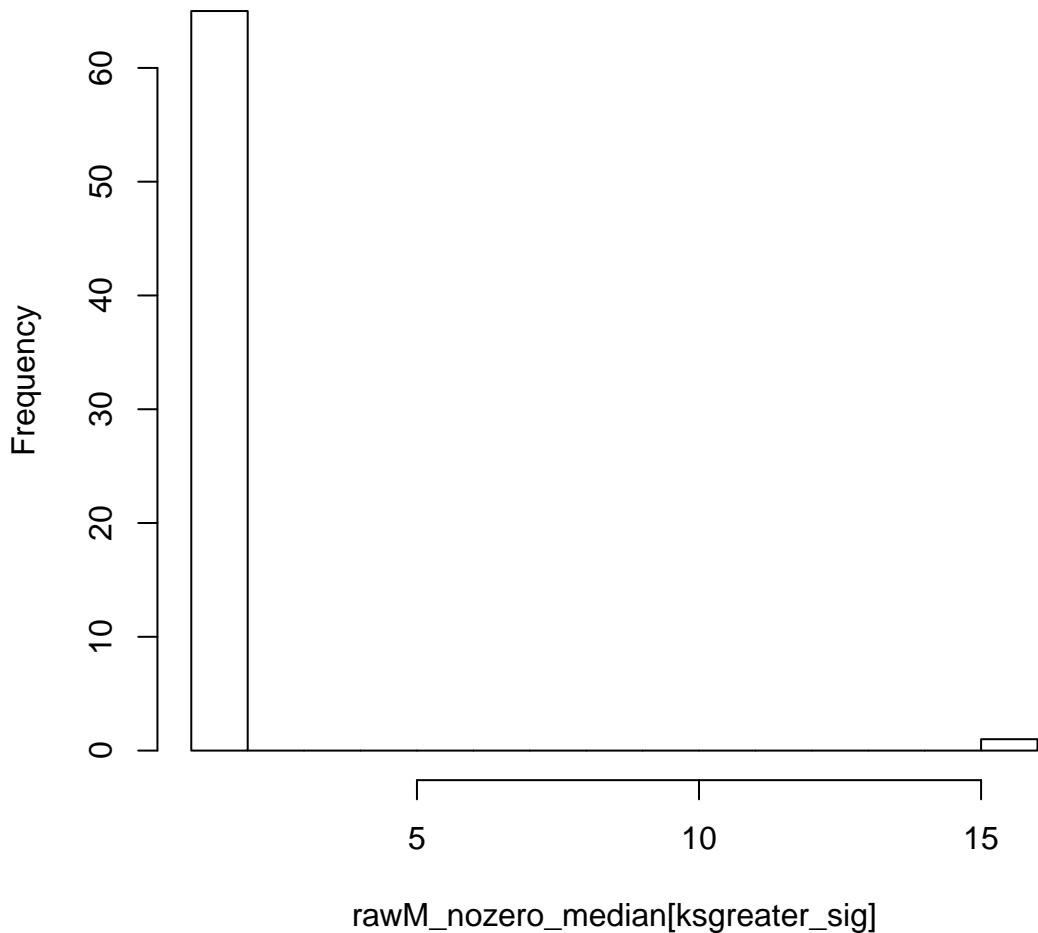
median of nozero log-express of genes, kstwoside sig



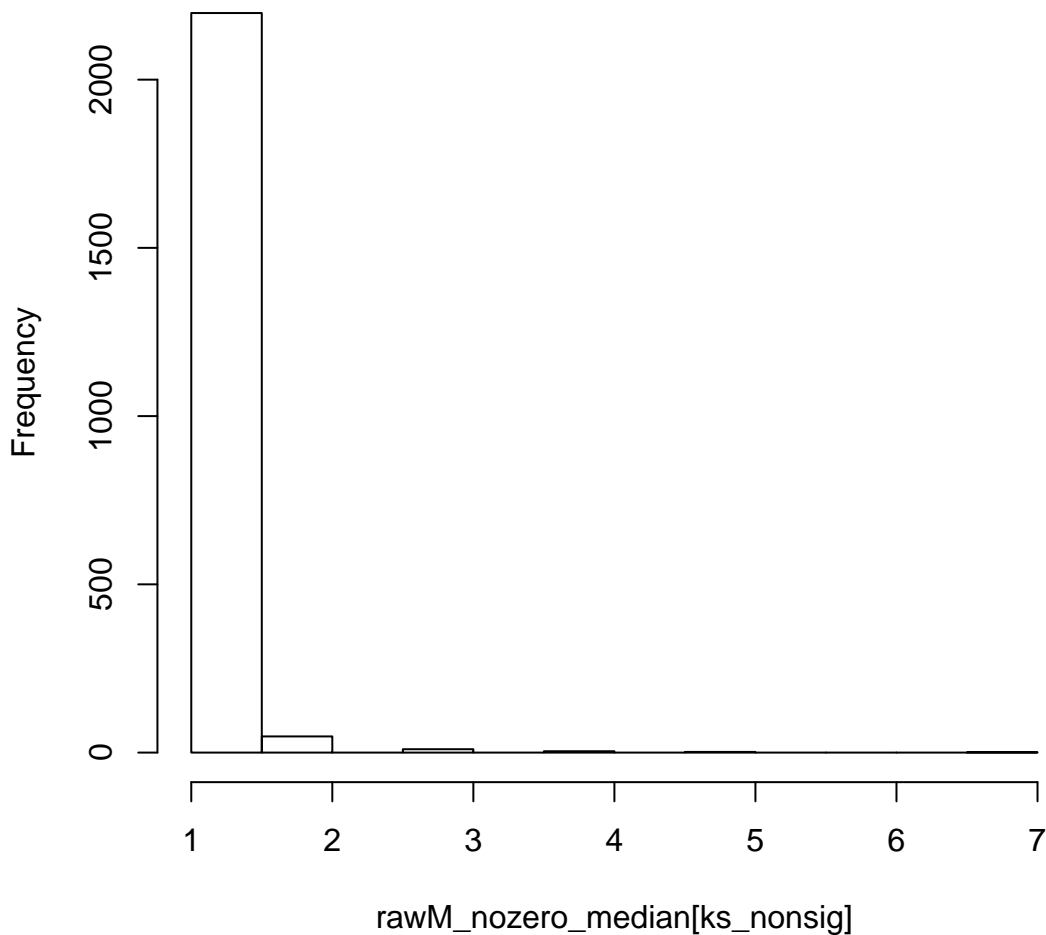
median of nozero log-express of genes, ksless sig



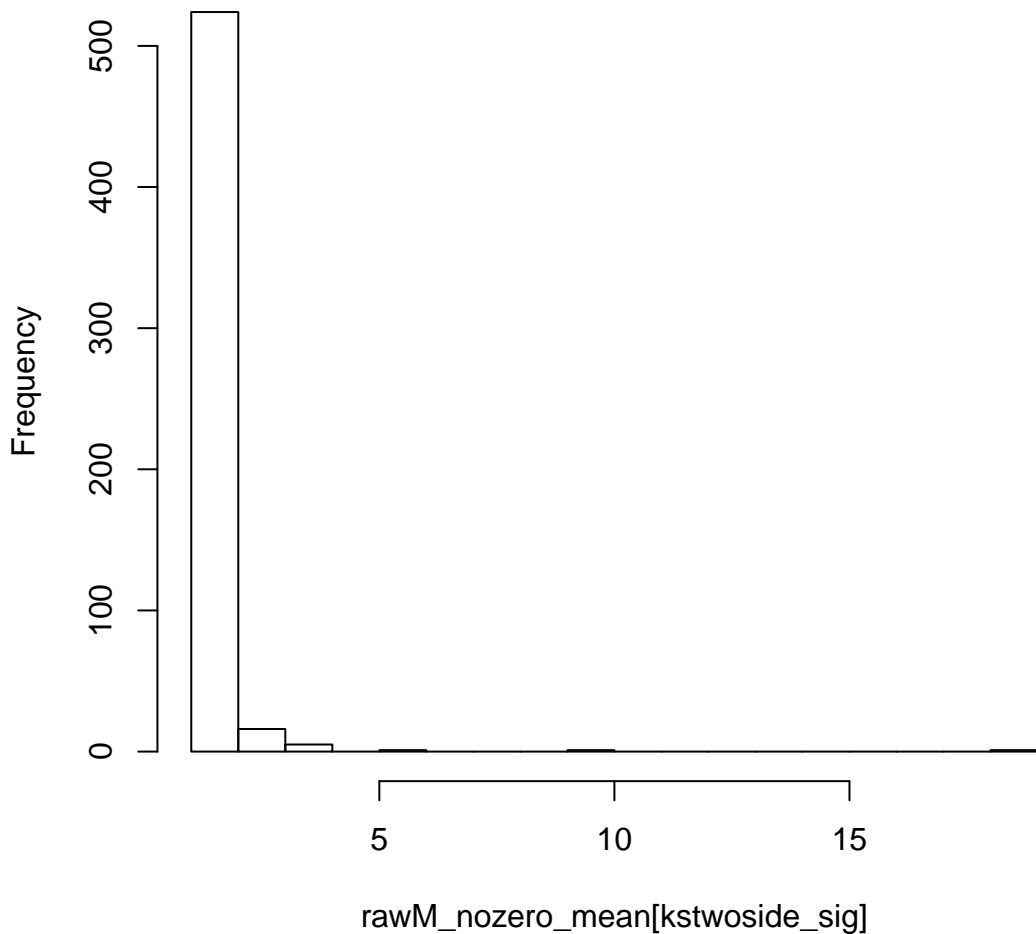
median of nozero log-express of genes,ksgreater sig



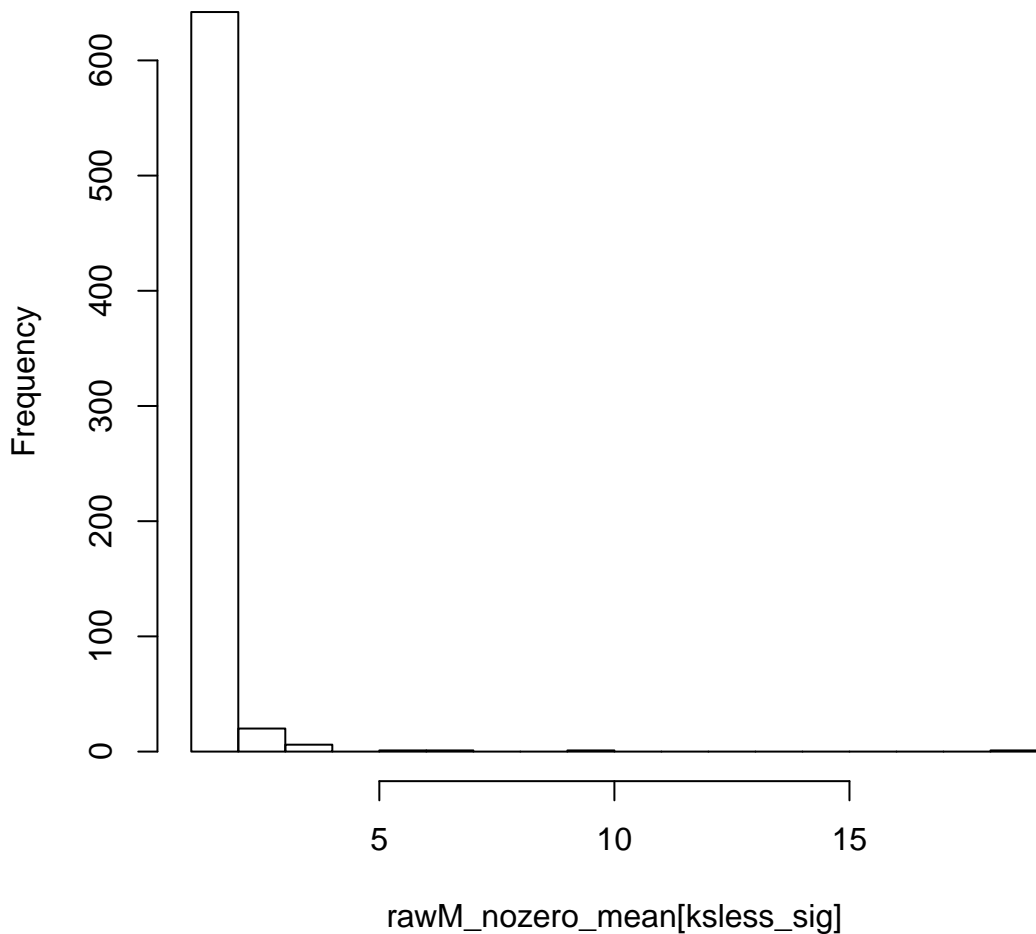
median of nozero log-express of genes,ks no sig



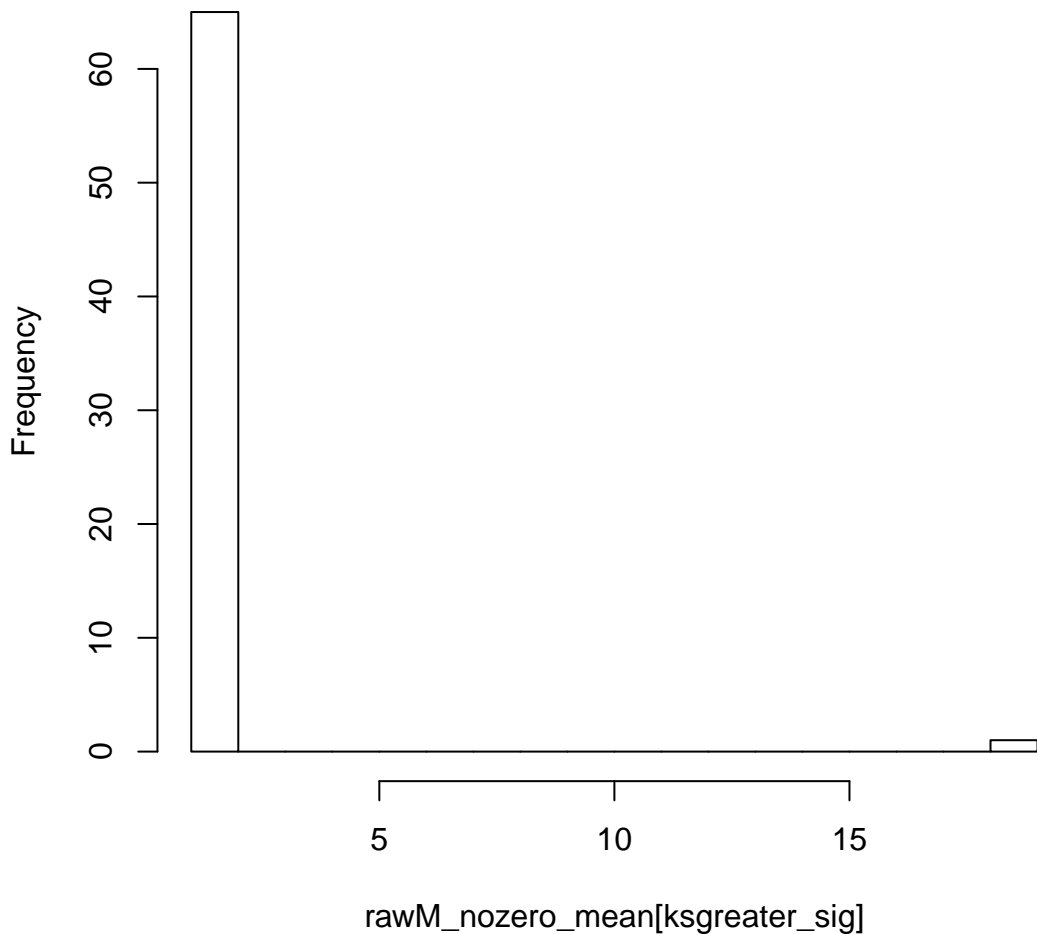
mean of nozero log-express of genes, kstwoside sig



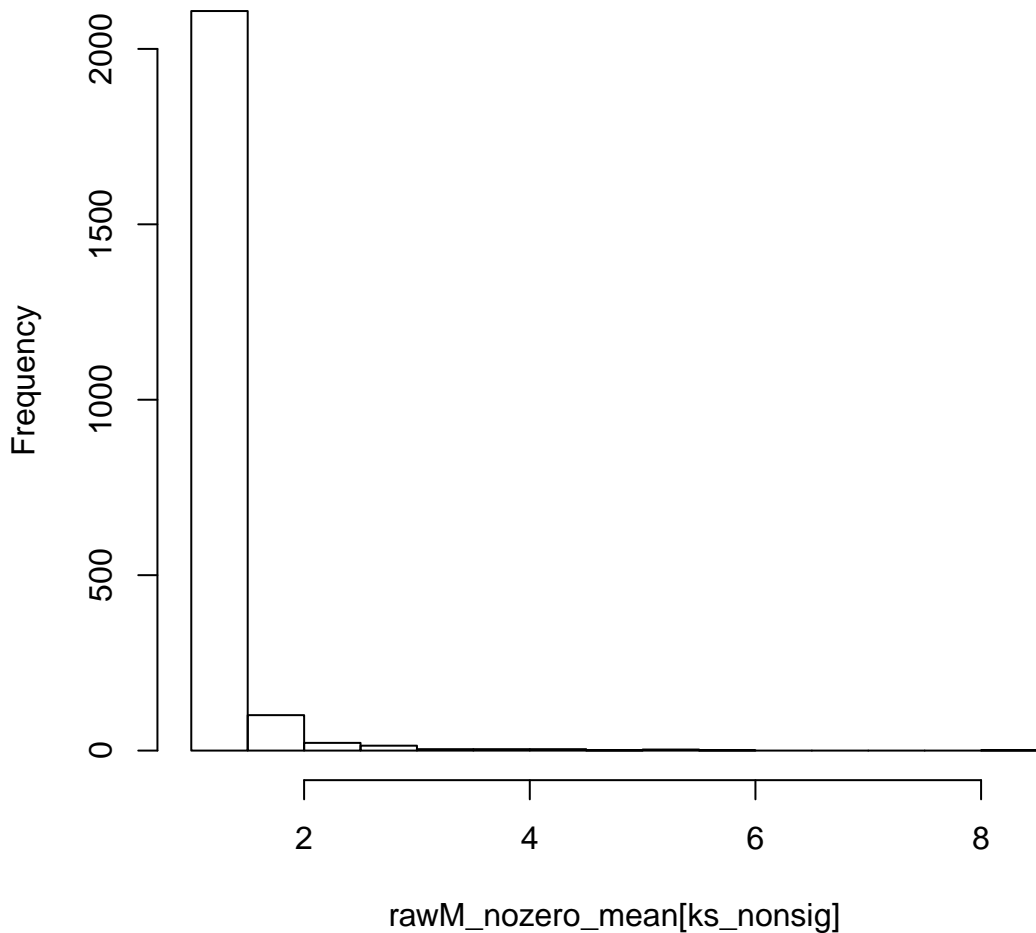
mean of nozero log-express of genes, ksless sig



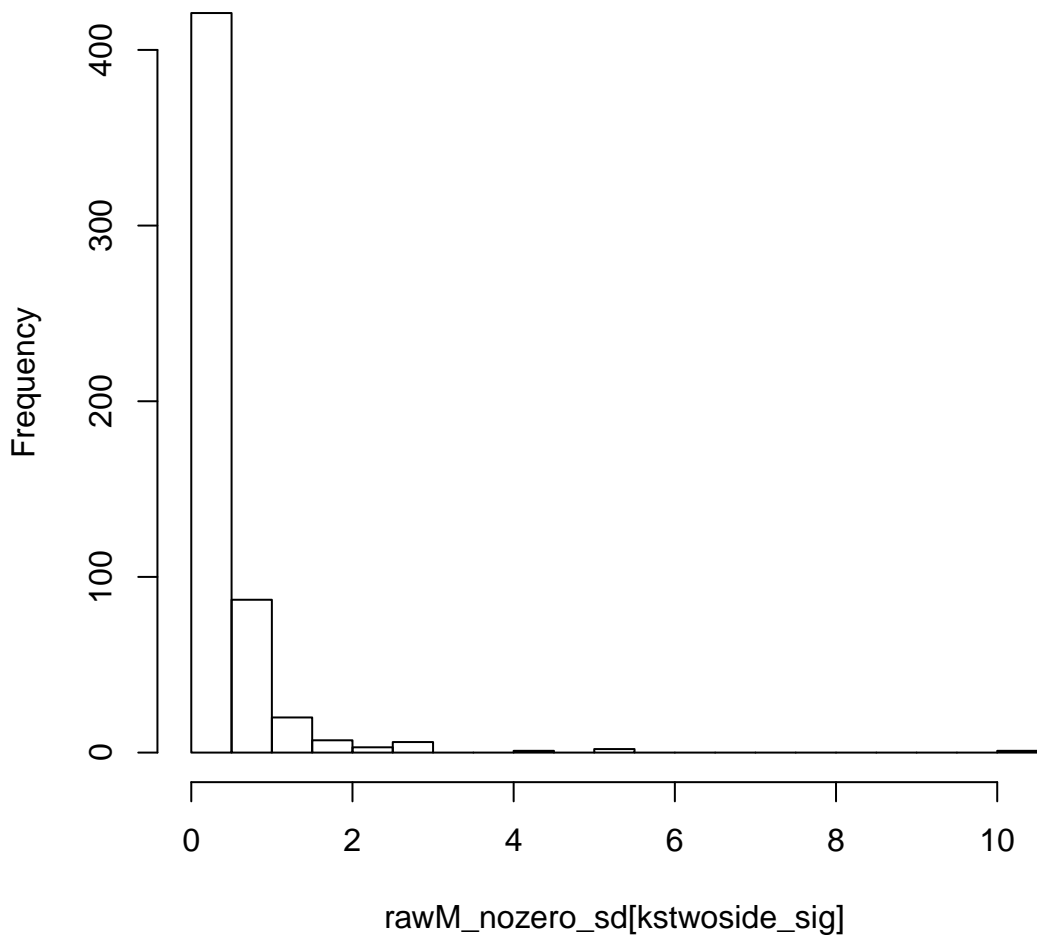
mean of nozero log-expres of genes,ksgreater sig



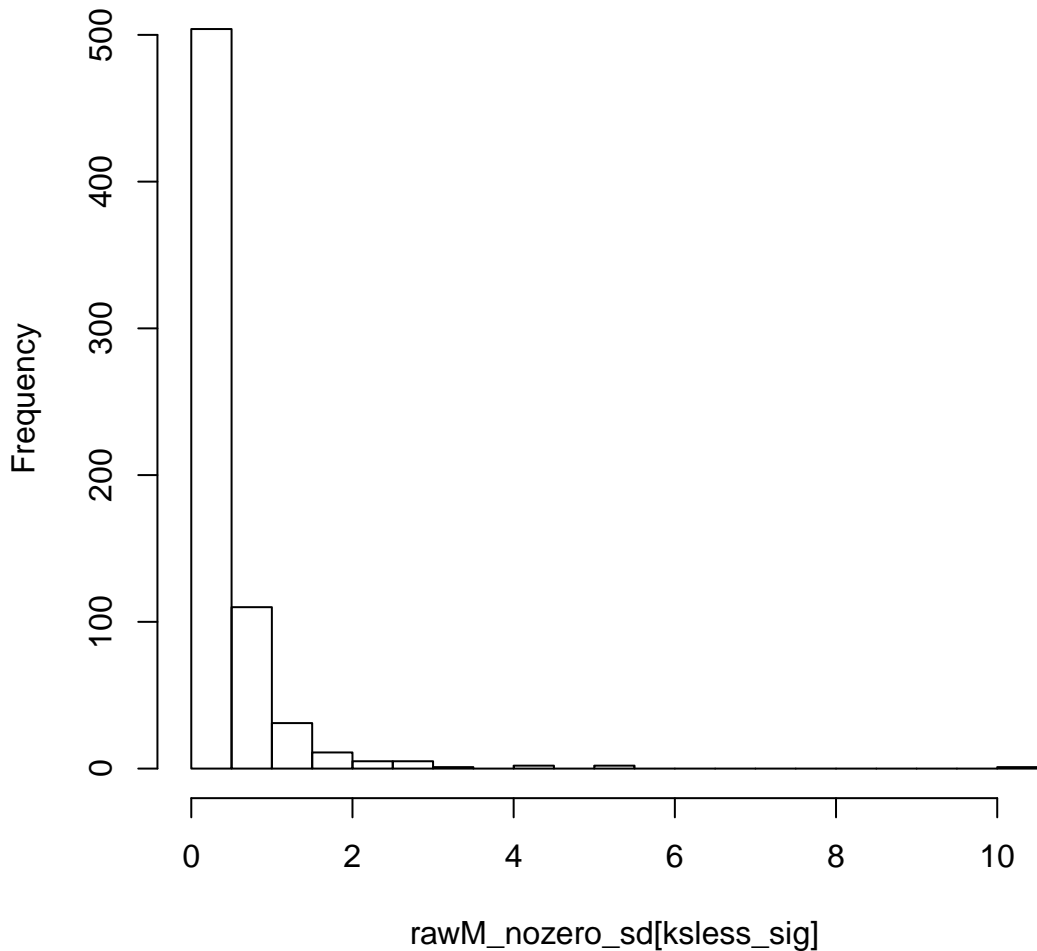
mean of nozero log-expres of genes,ks no sig



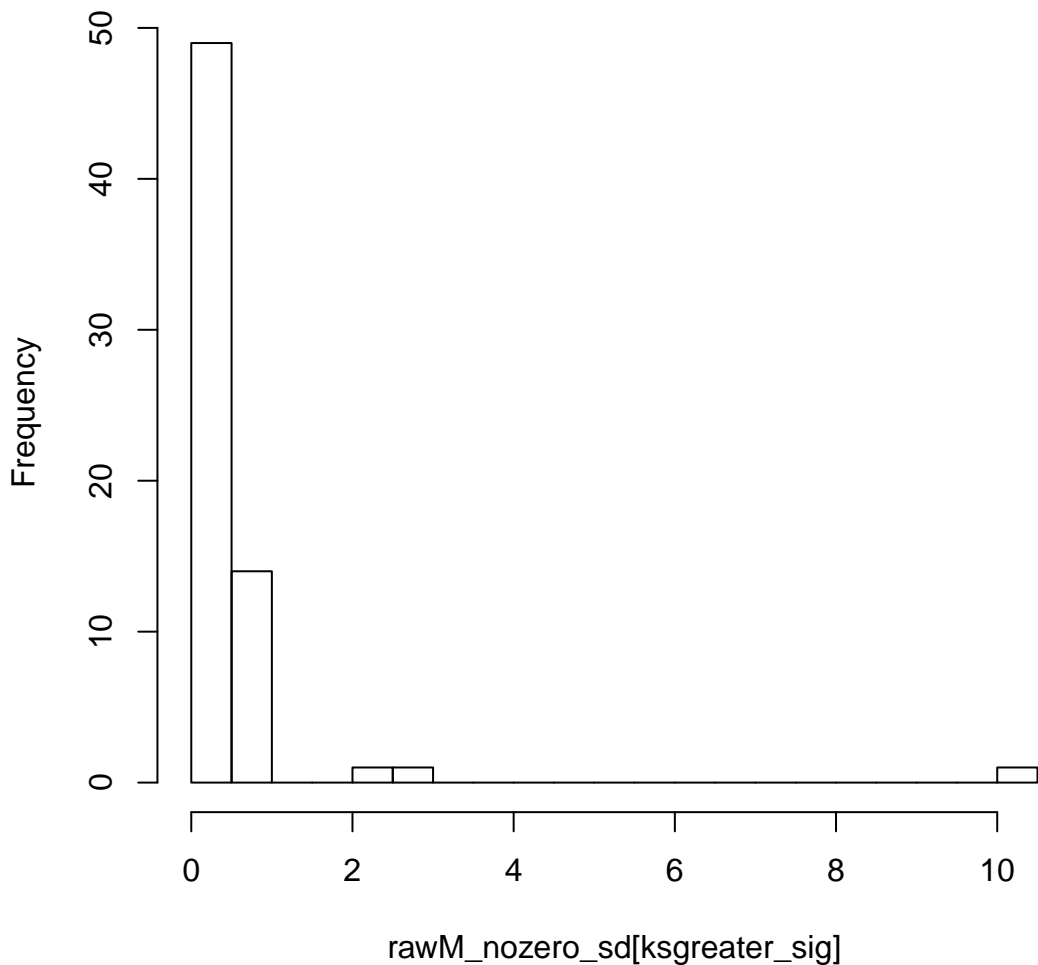
sd of nozero log-express of genes, kstwoside sig



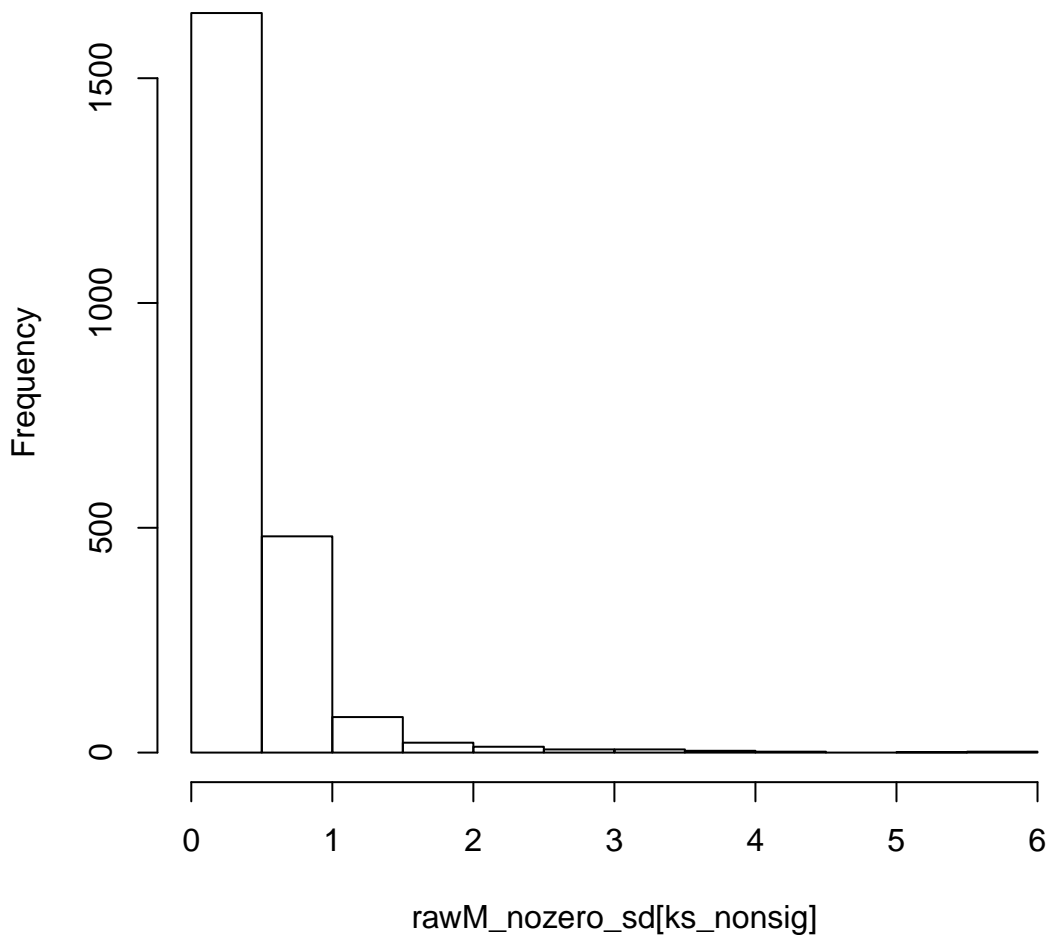
sd of nozero log-express of genes, ksless sig



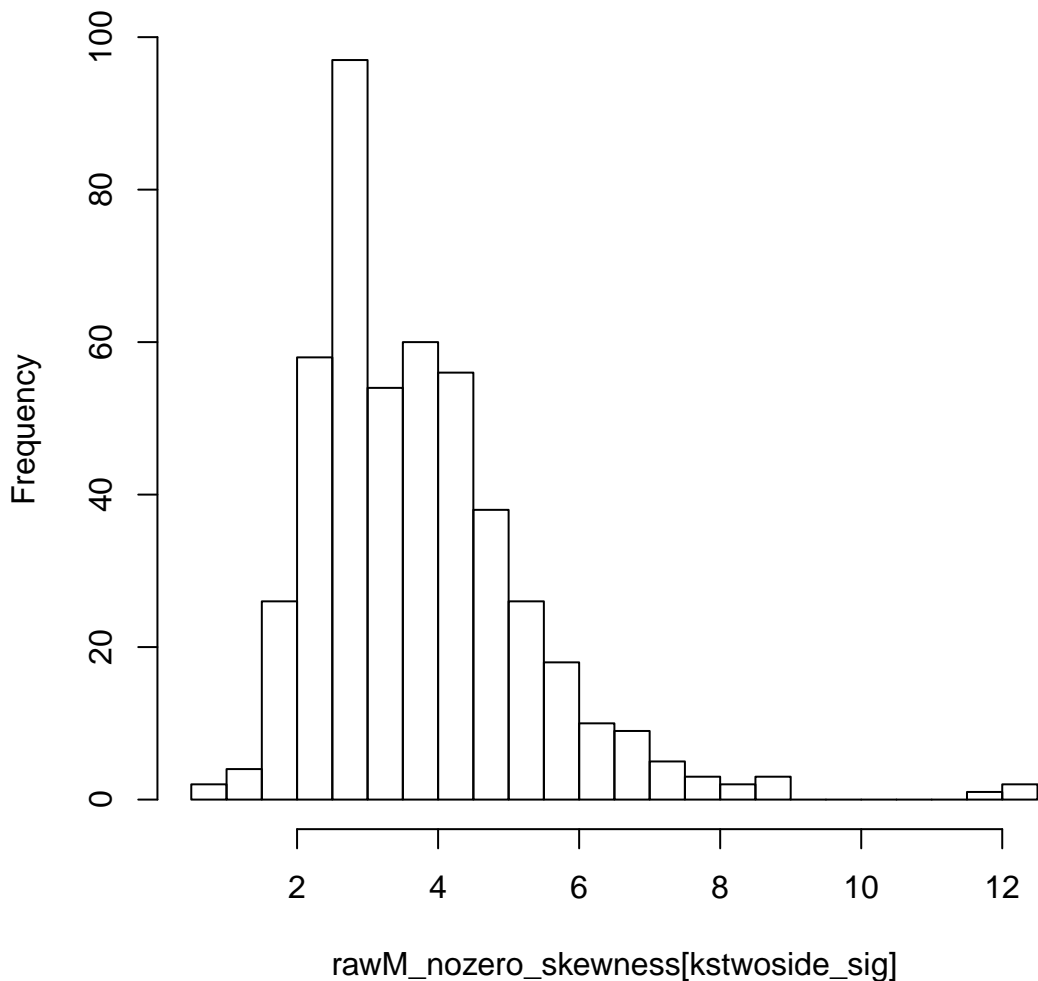
sd of nozero log-express of genes,ksgreater sig



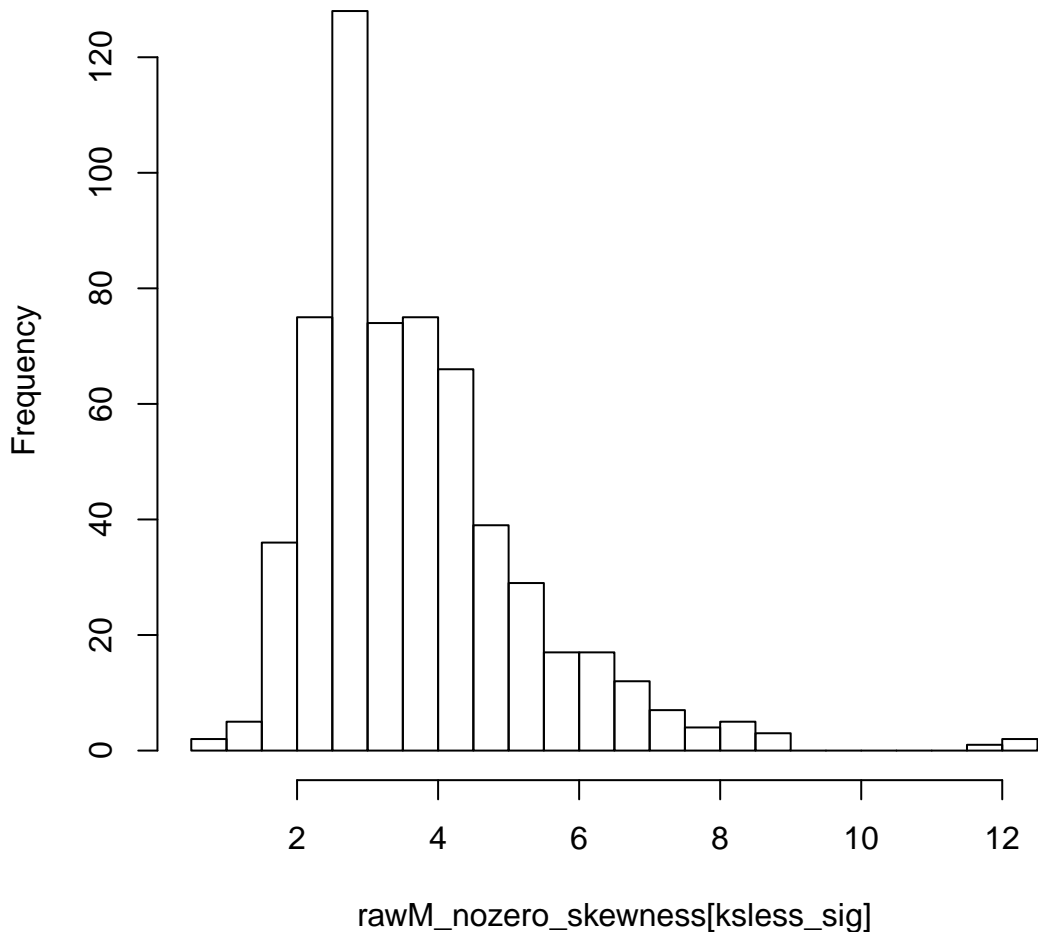
sd of nozero log-express of genes,ks no sig



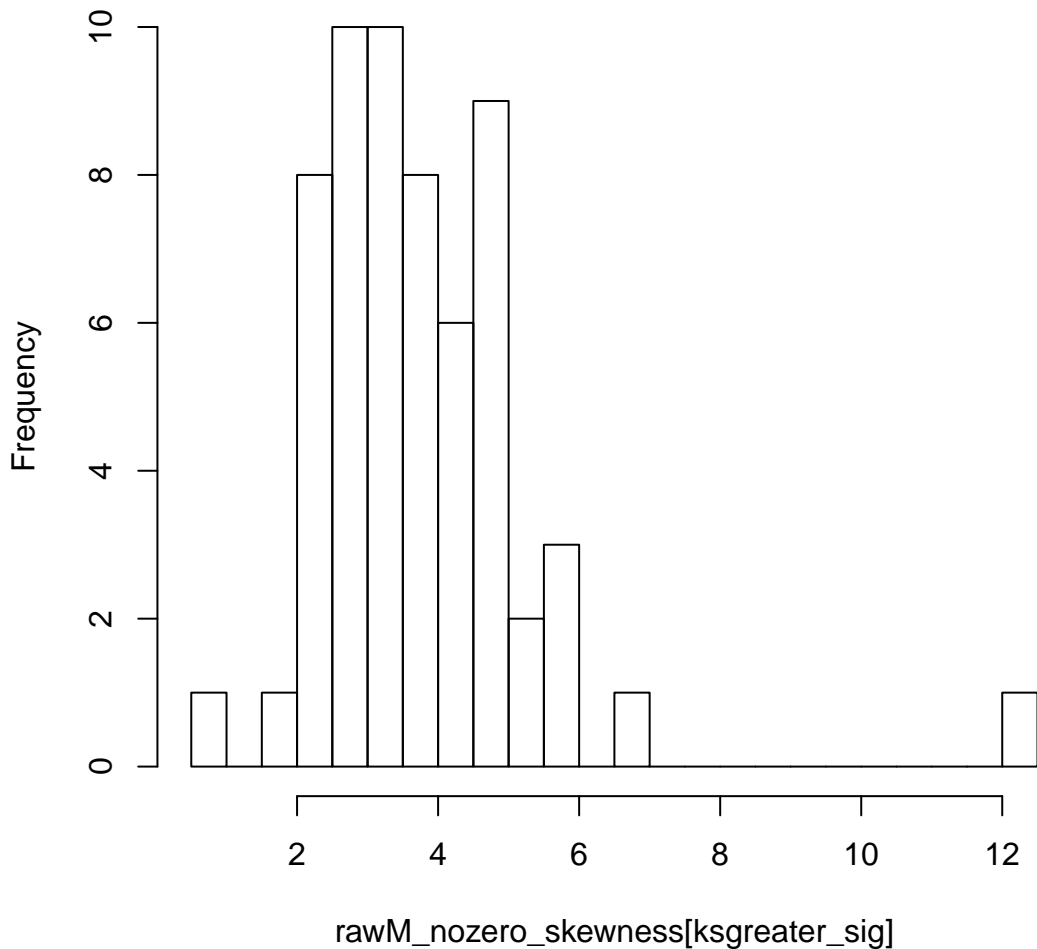
skewness of nozero log-express of genes, kstwo side sig



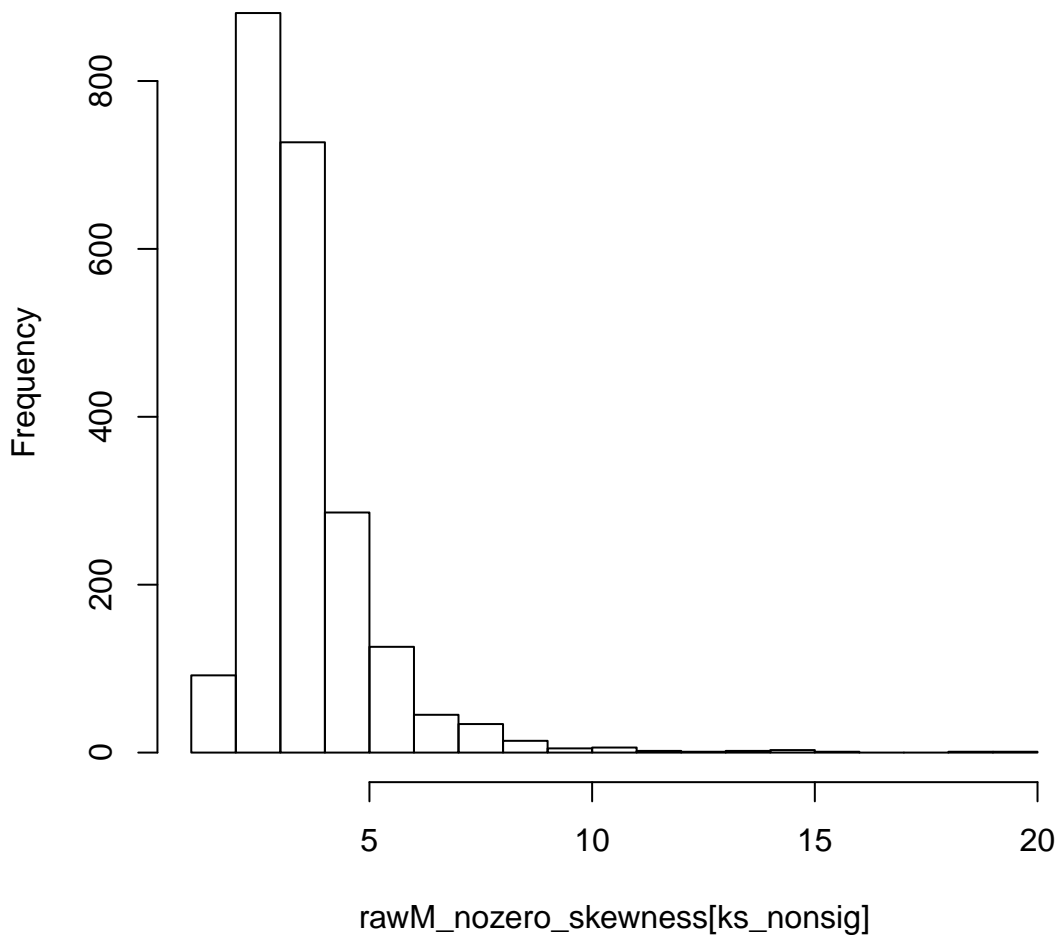
skewness of nozero log-express of genes, ksless sig



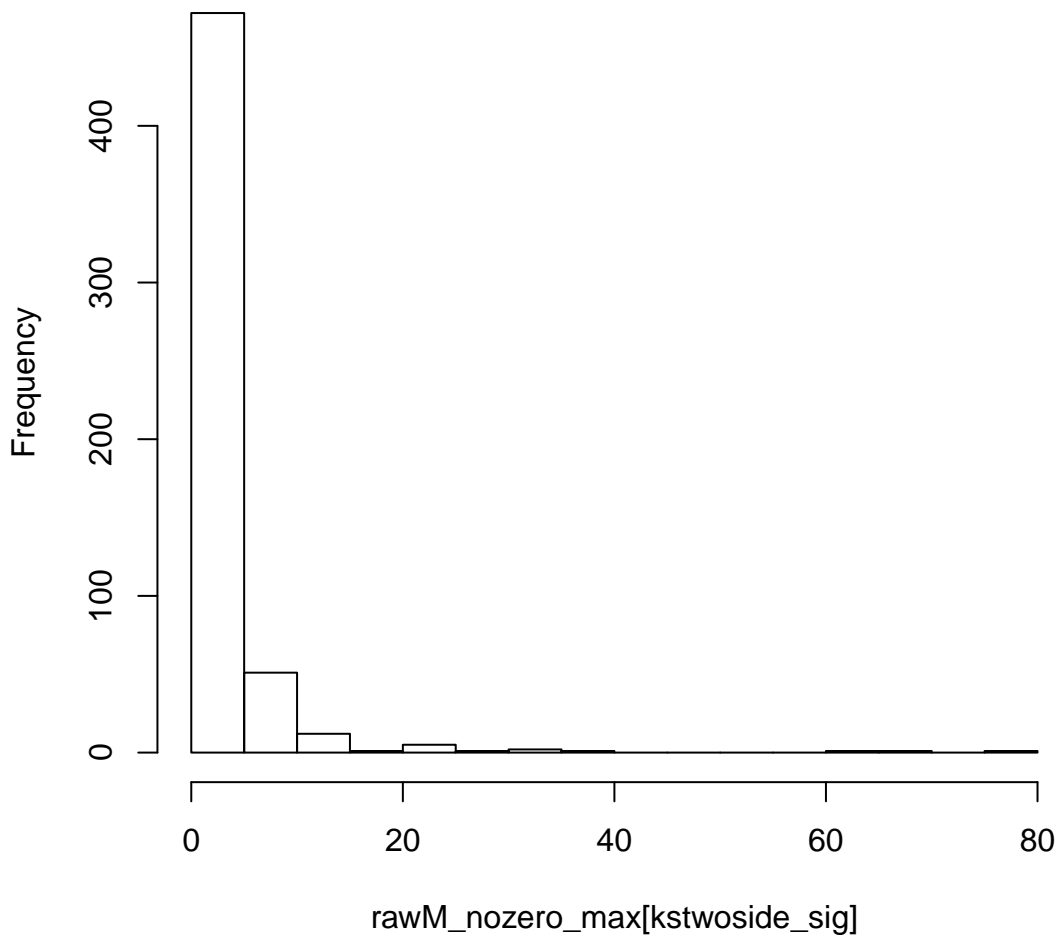
skewness of nozero log-express of genes,ksgreater sig



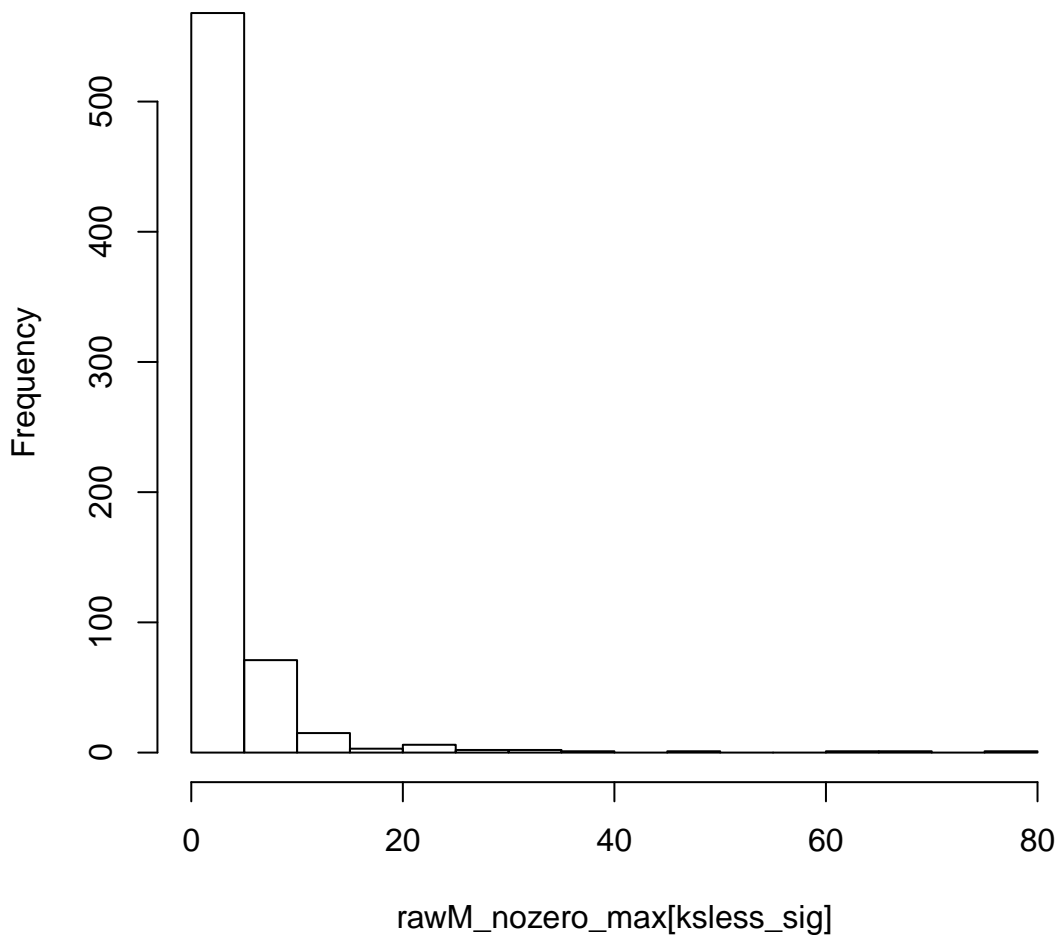
skewness of nozero log-express of genes,ks no sig



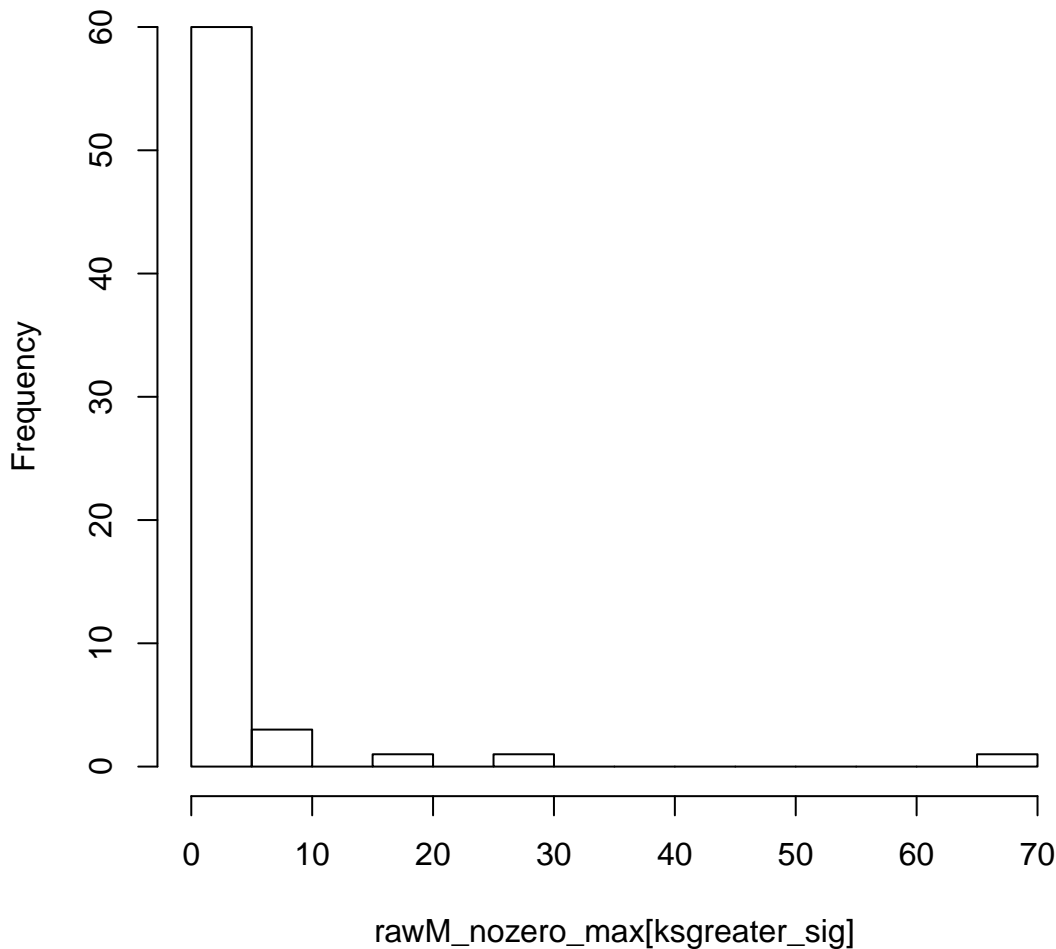
max of nozero log-express of genes, kstwo side sig



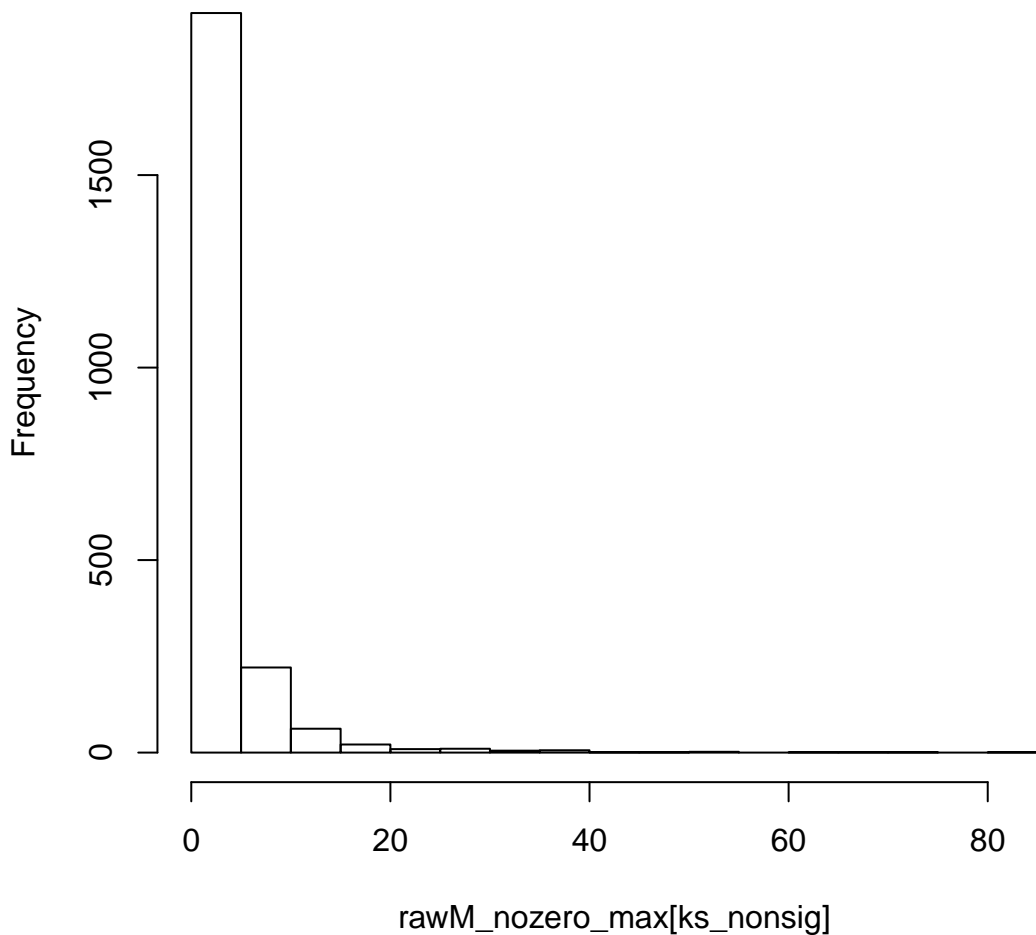
max of nozero log-express of genes, ksless sig



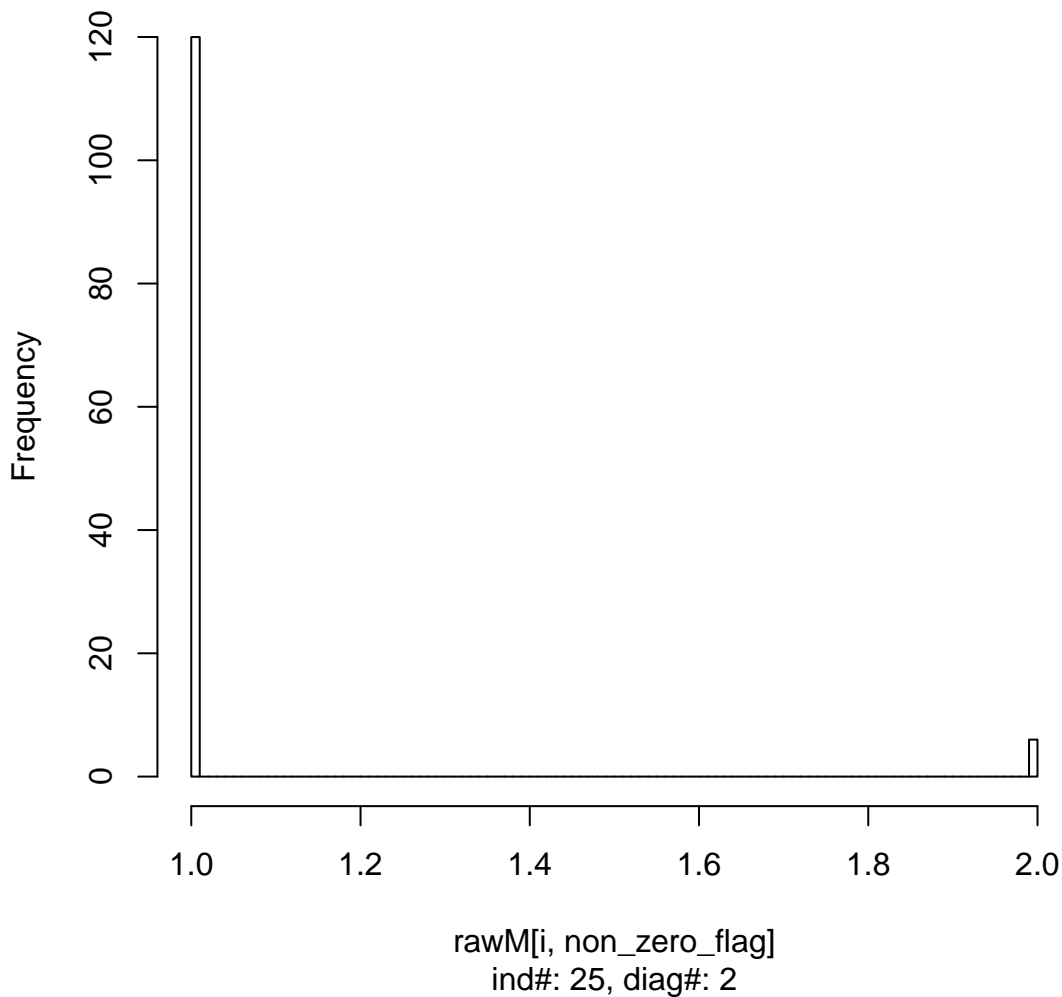
max of nozero log-expres of genes,ksgreater sig



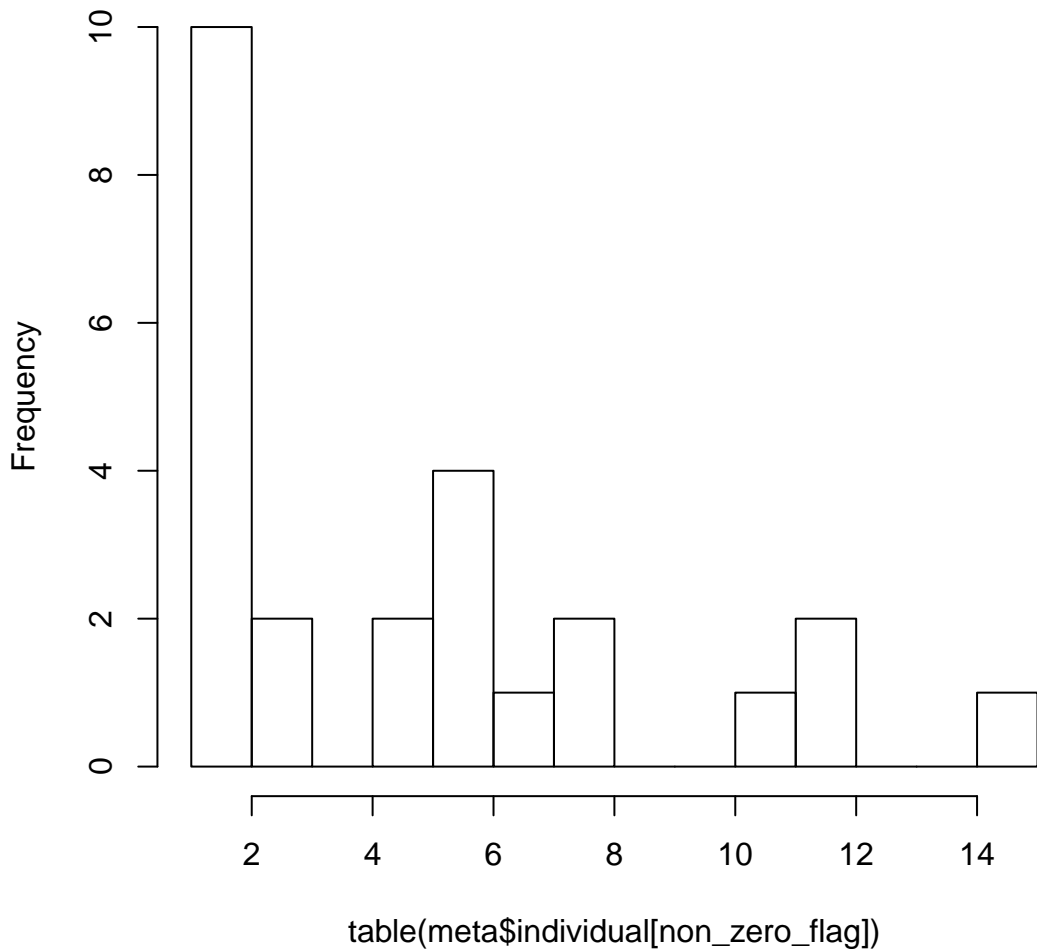
max of nozero log-expres of genes,ks no sig



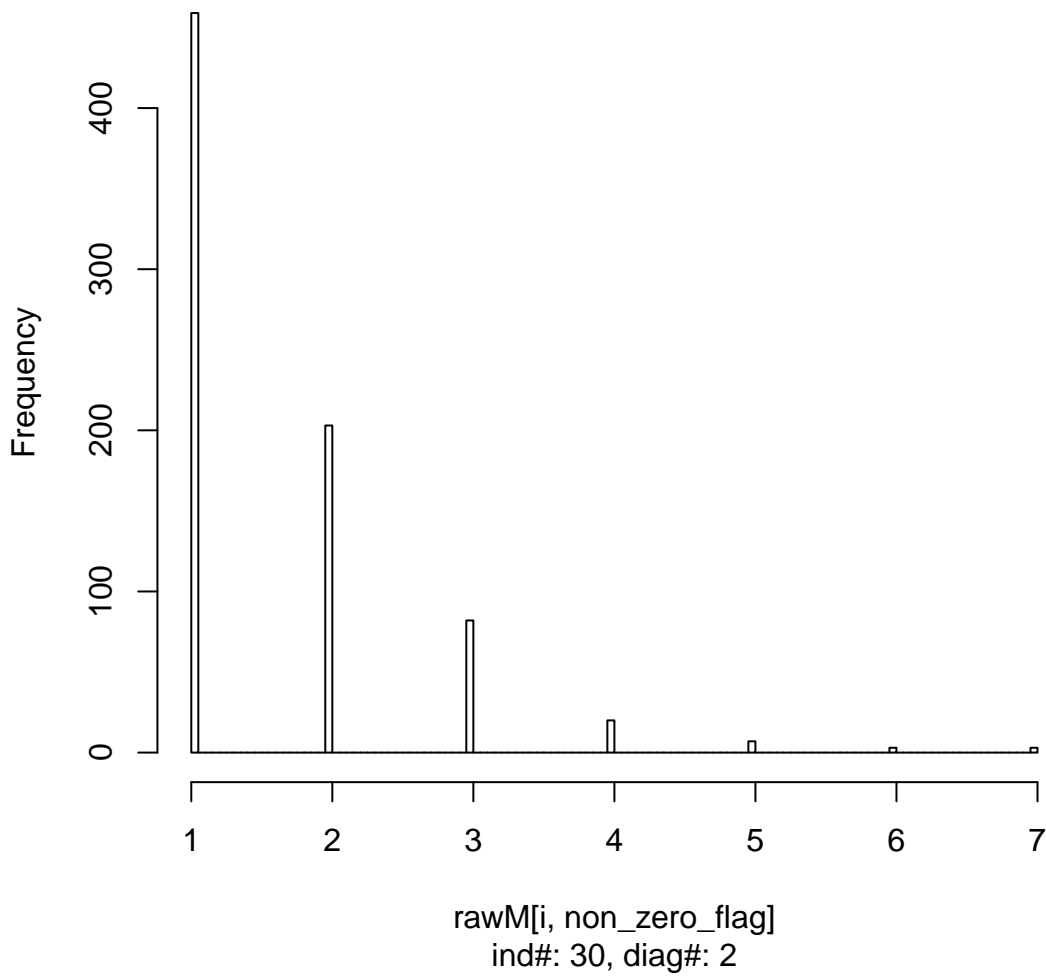
Sless sig: log expression of gene#2, pval ob=0.277, non-zero num



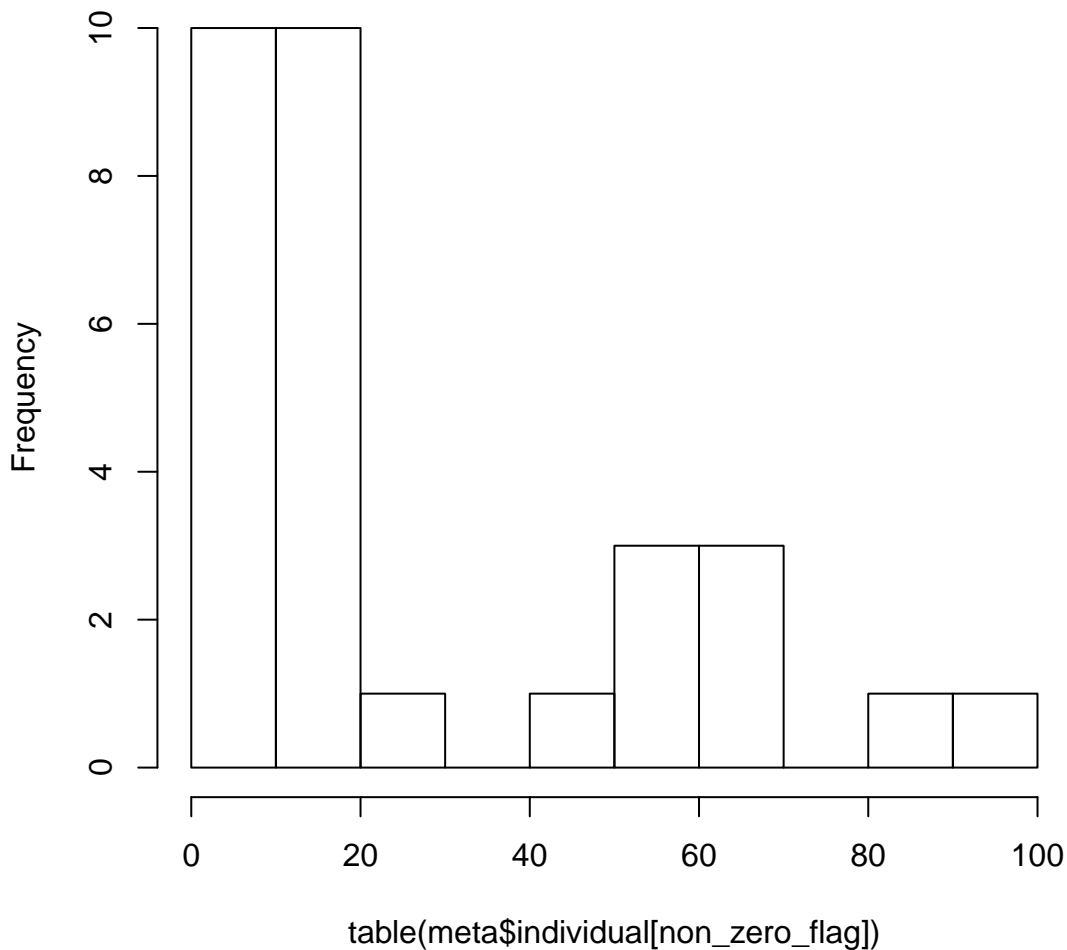
KSless sig: individual expression cell count of gene#2



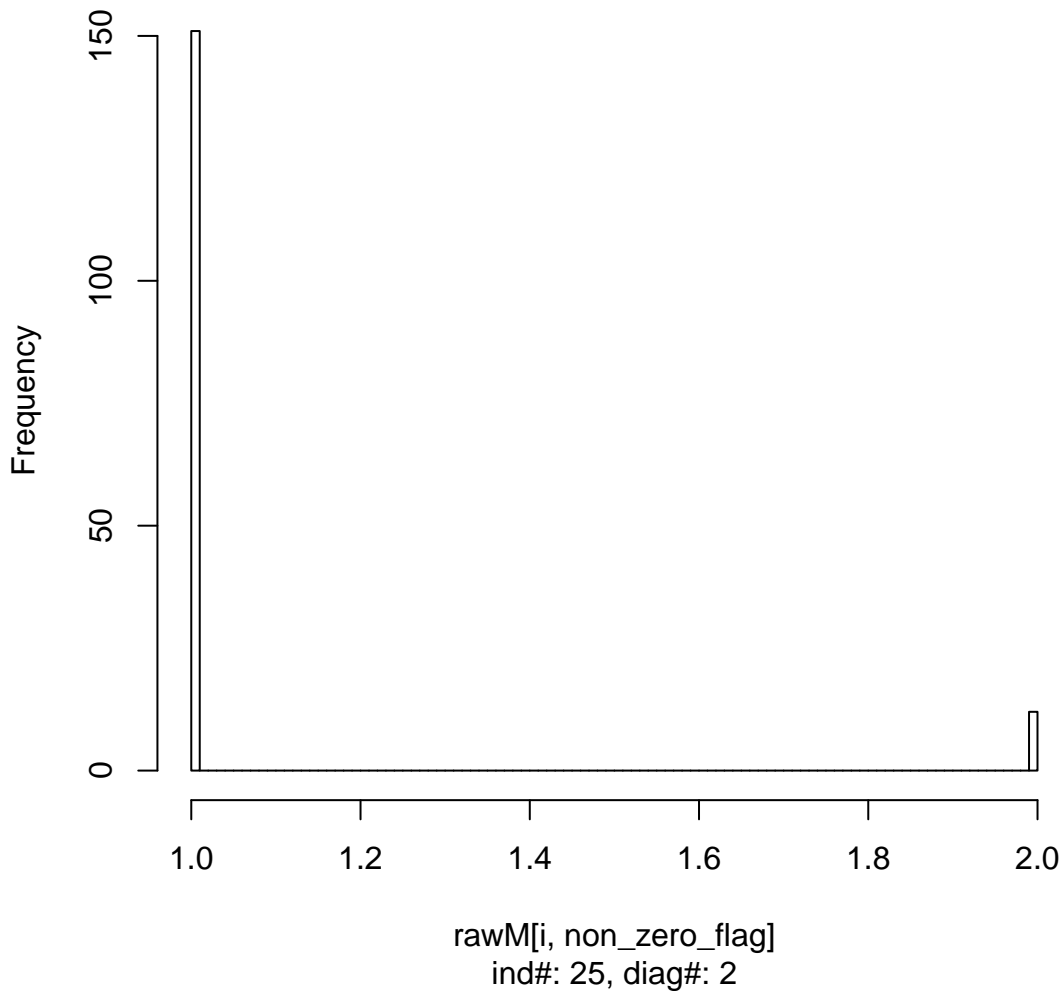
less sig: log expression of gene#5, pval ob=0.2225, non-zero nu



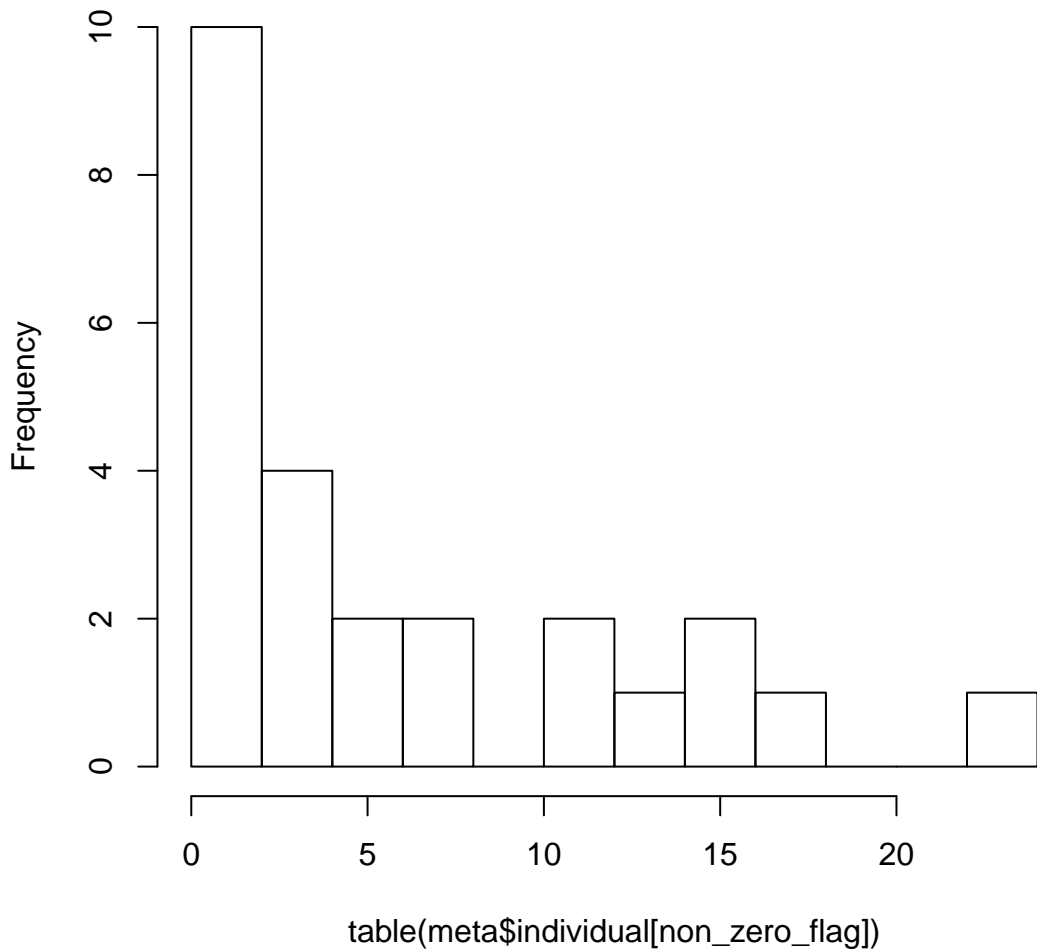
KSless sig: individual expression cell count of gene#5



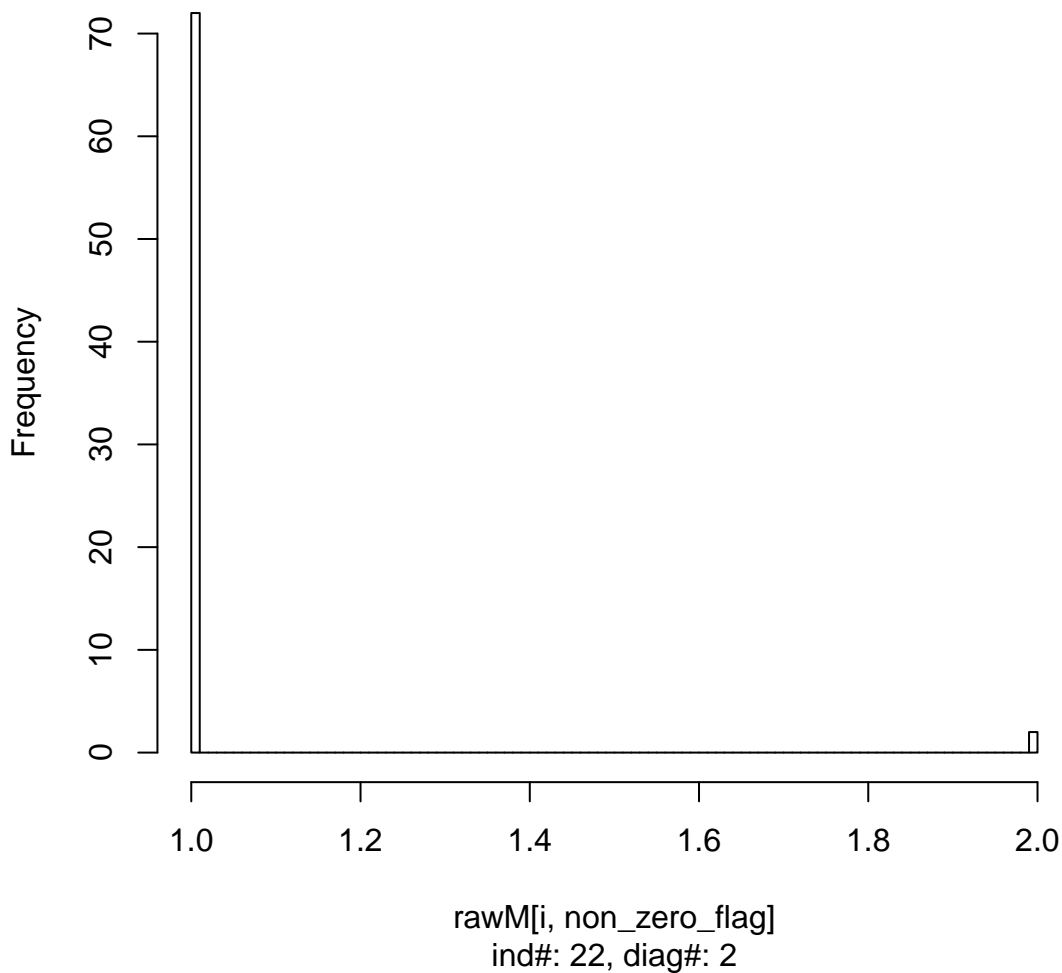
less sig: log expression of gene#9, pval ob=0.6093, non-zero nu



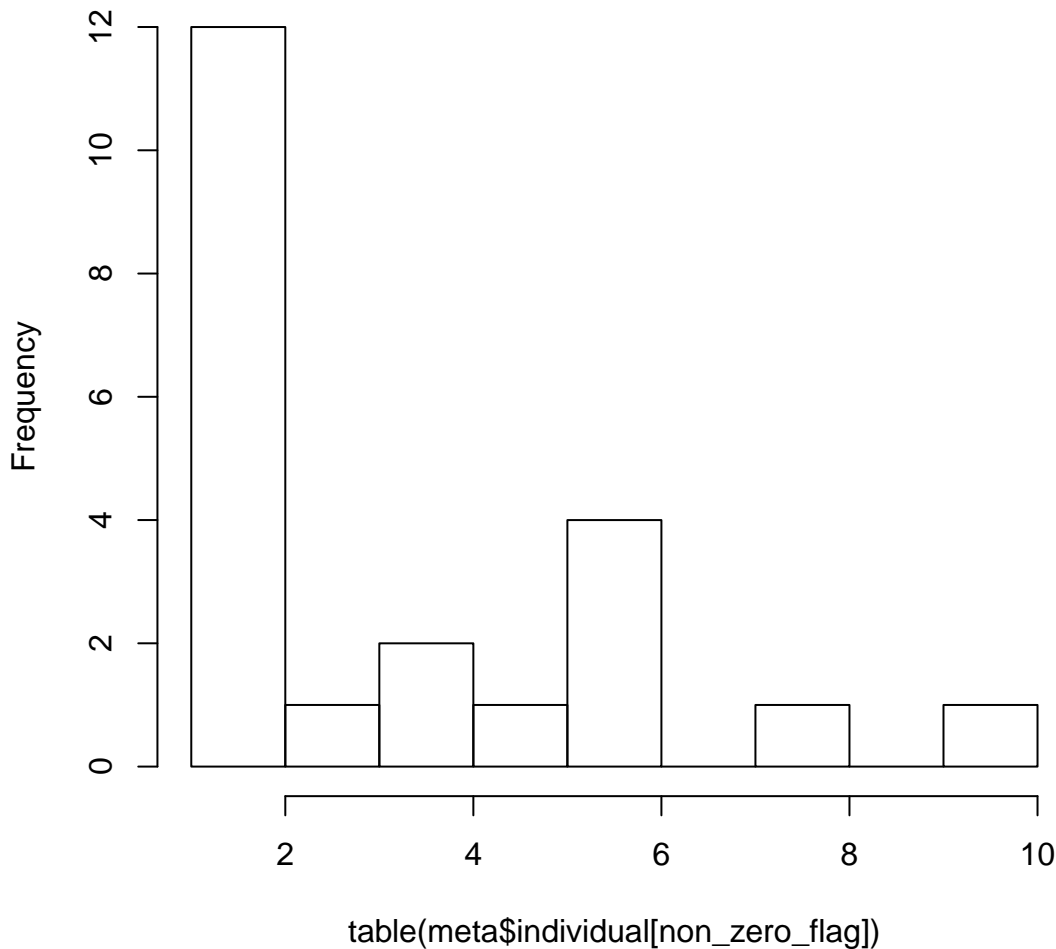
KSless sig: individual expression cell count of gene#9



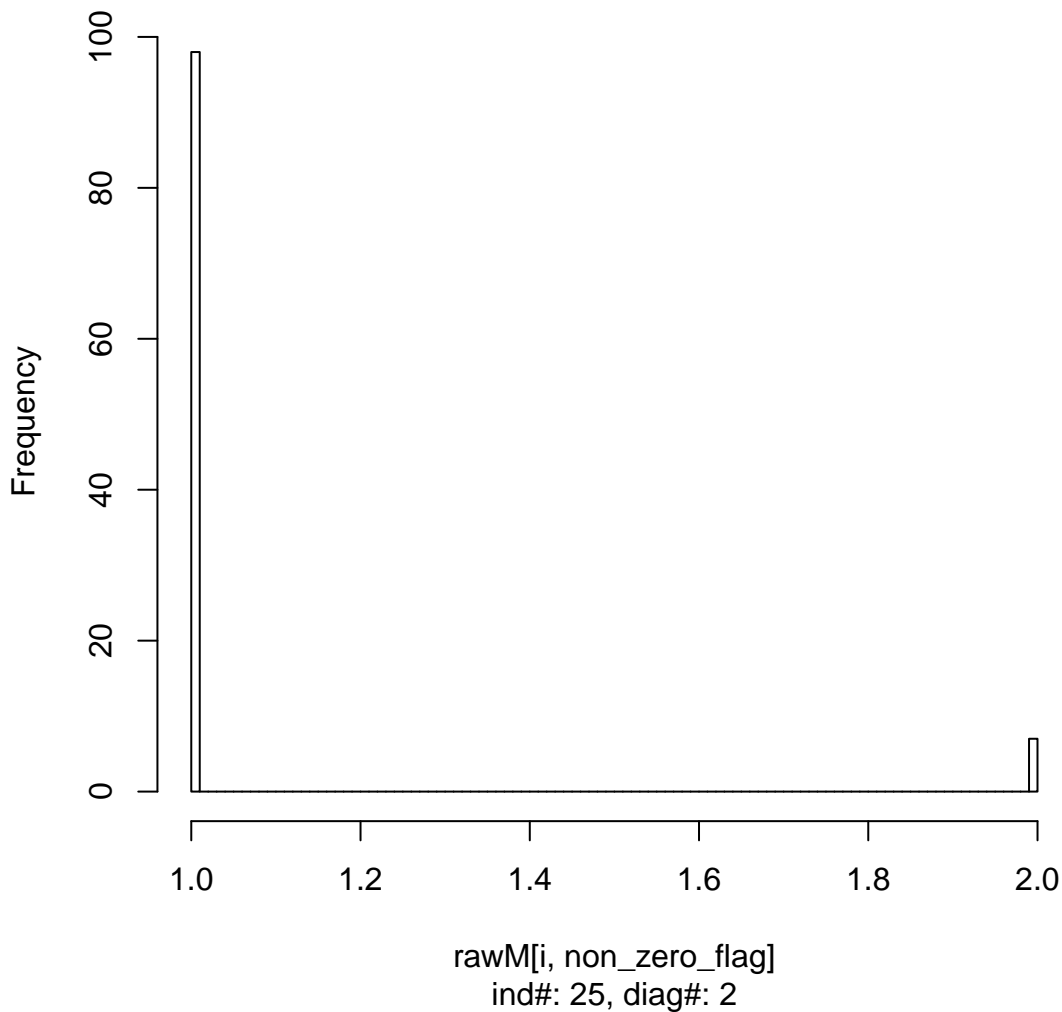
less sig: log expression of gene#20, pval ob=0.3811, non-zero n



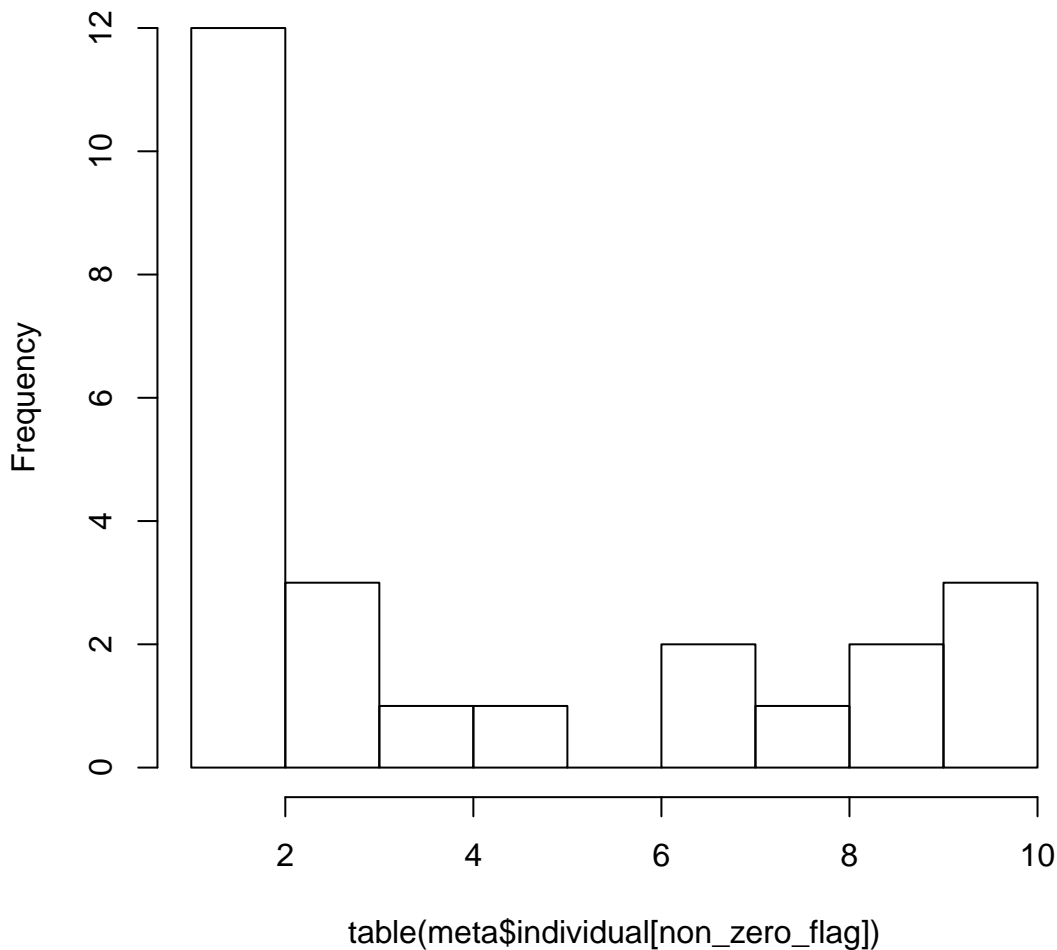
KSless sig: individual expression cell count of gene#20



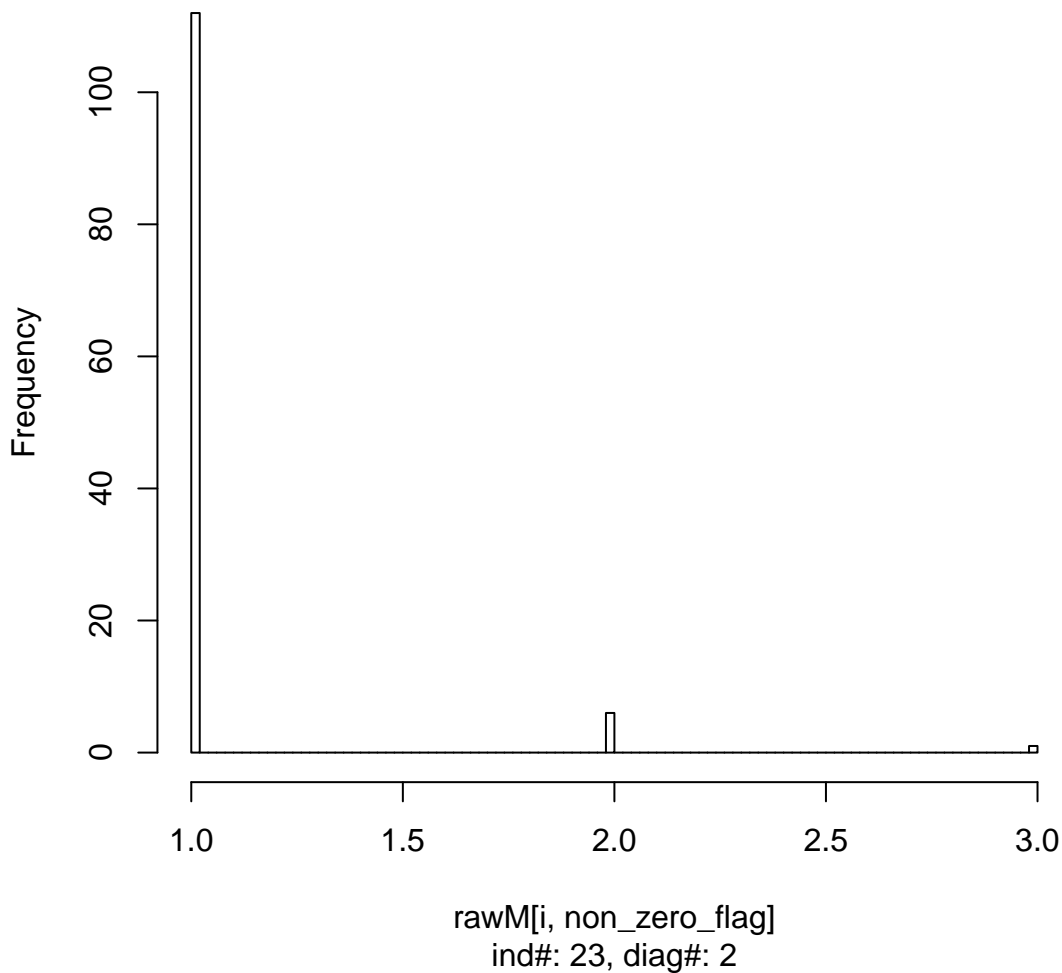
less sig: log expression of gene#27, pval ob=0.8996, non-zero nu



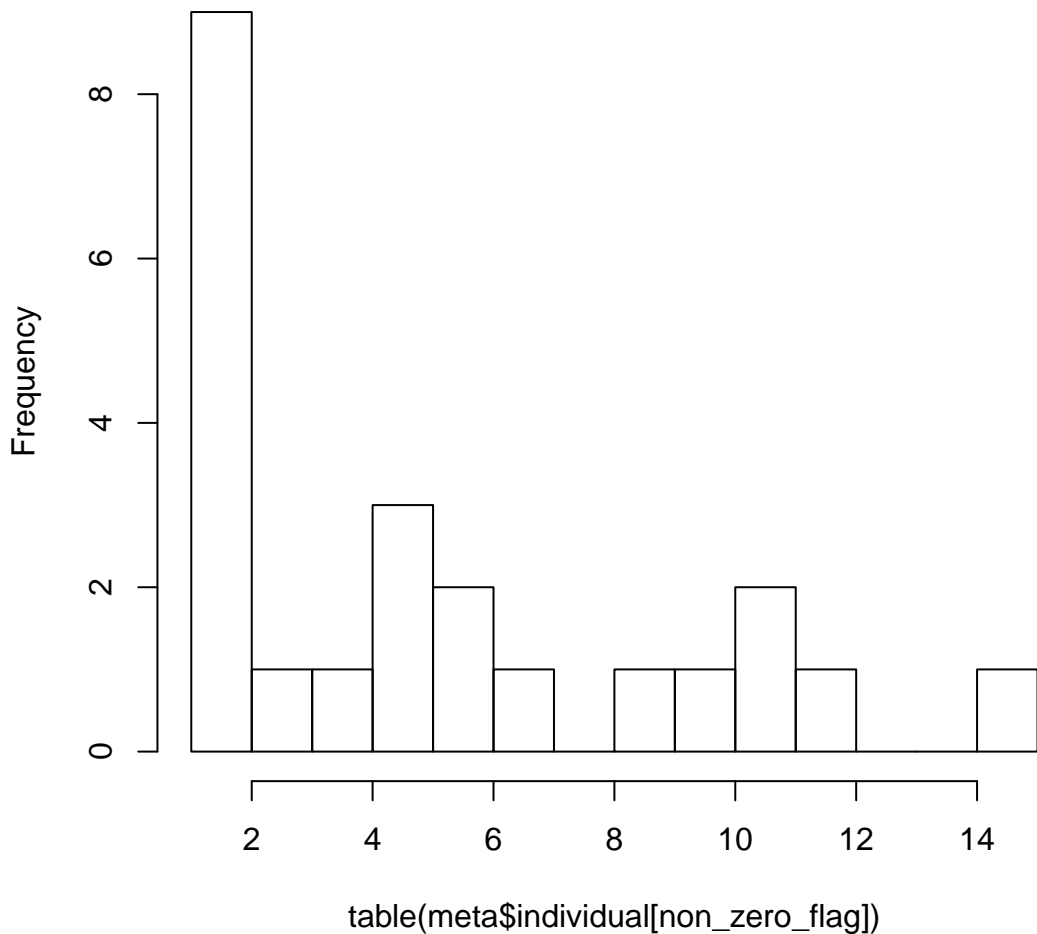
KSless sig: individual expression cell count of gene#27



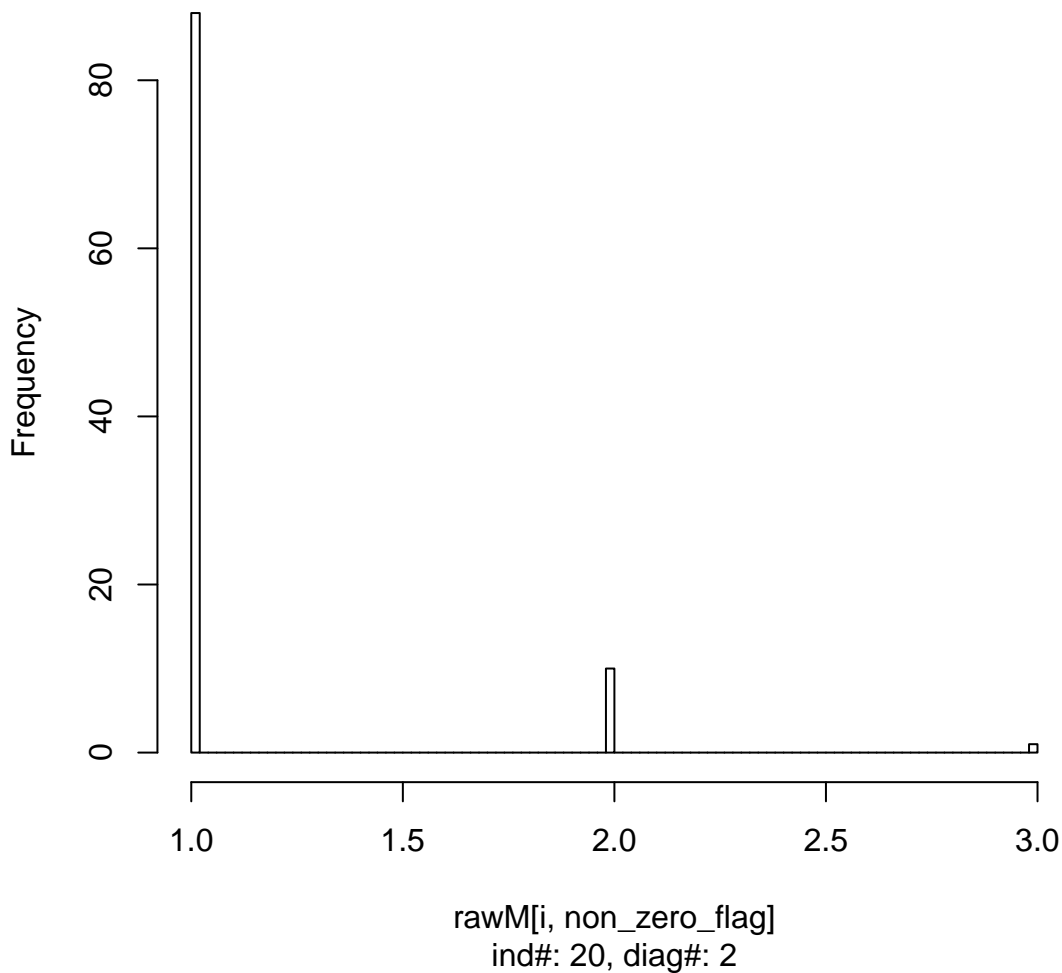
less sig: log expression of gene#41, pval ob=0.0879, non-zero nu



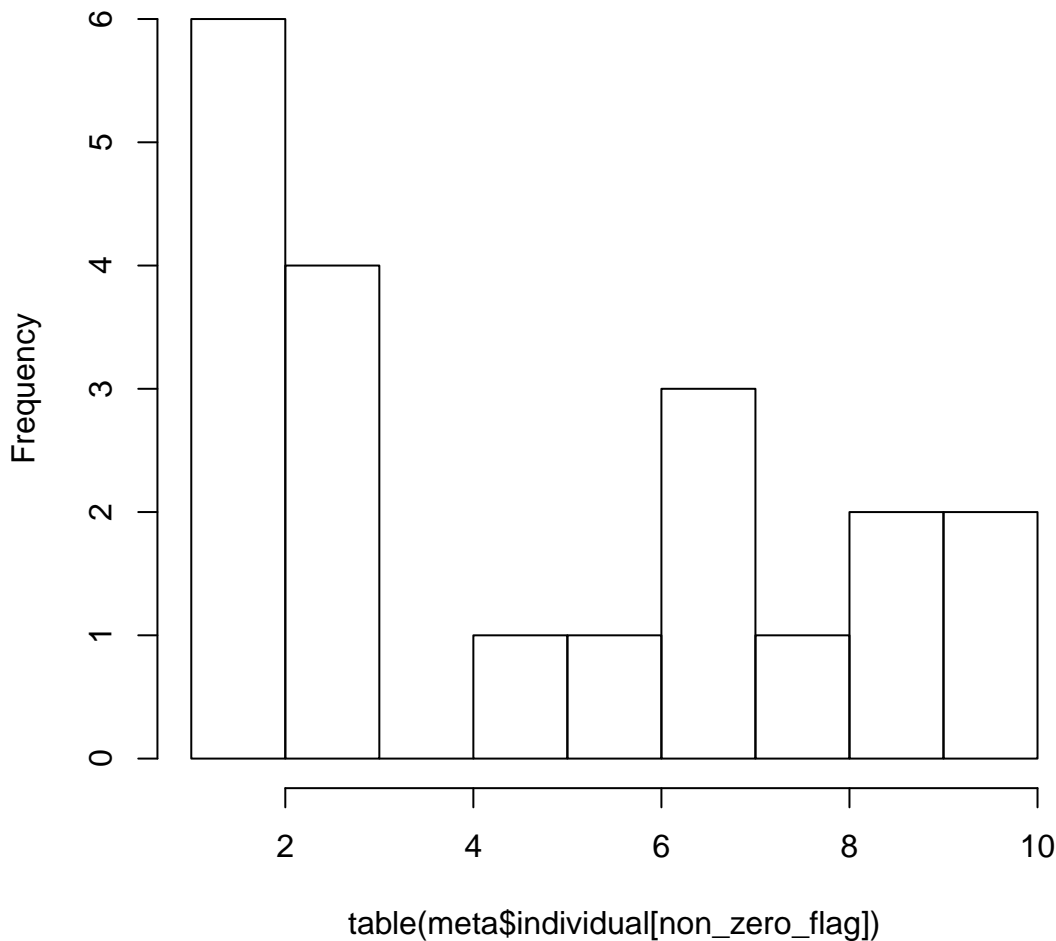
KSless sig: individual expression cell count of gene#41



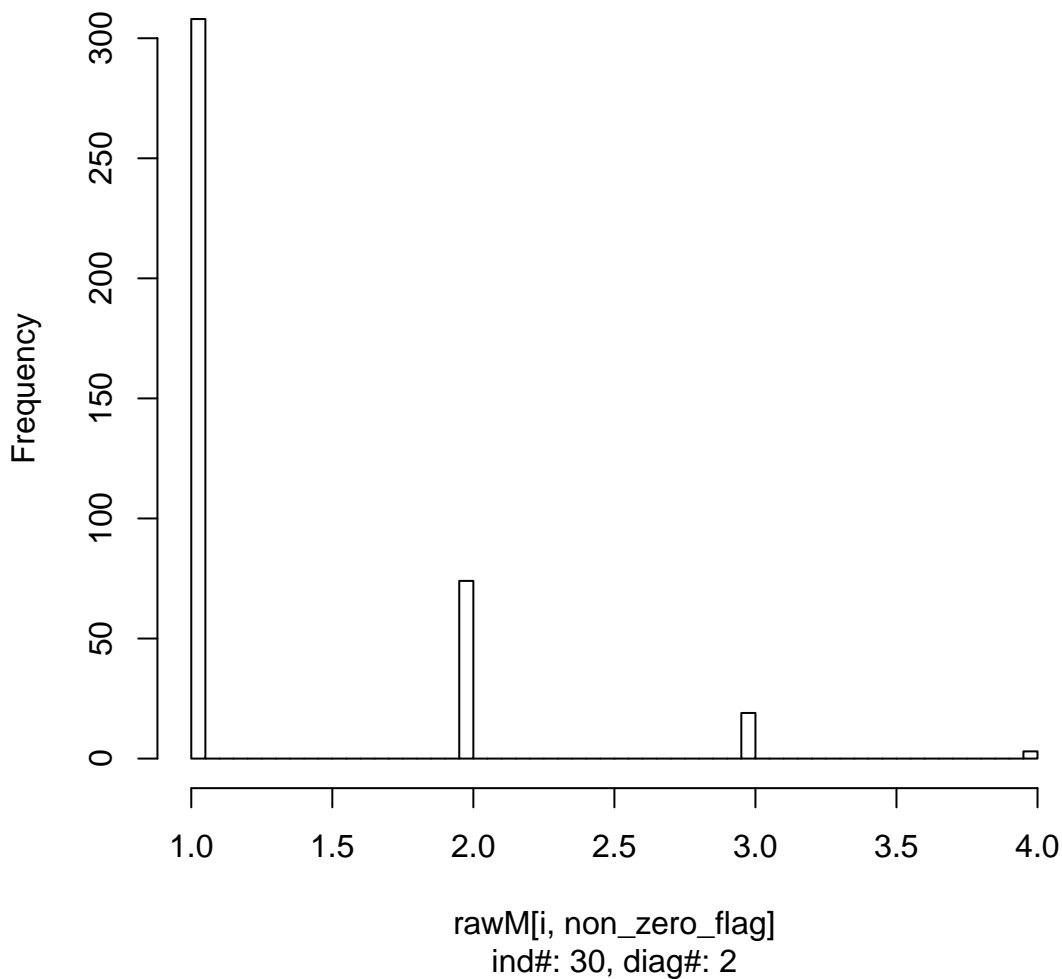
less sig: log expression of gene#44, pval ob=0.1018, non-zero n



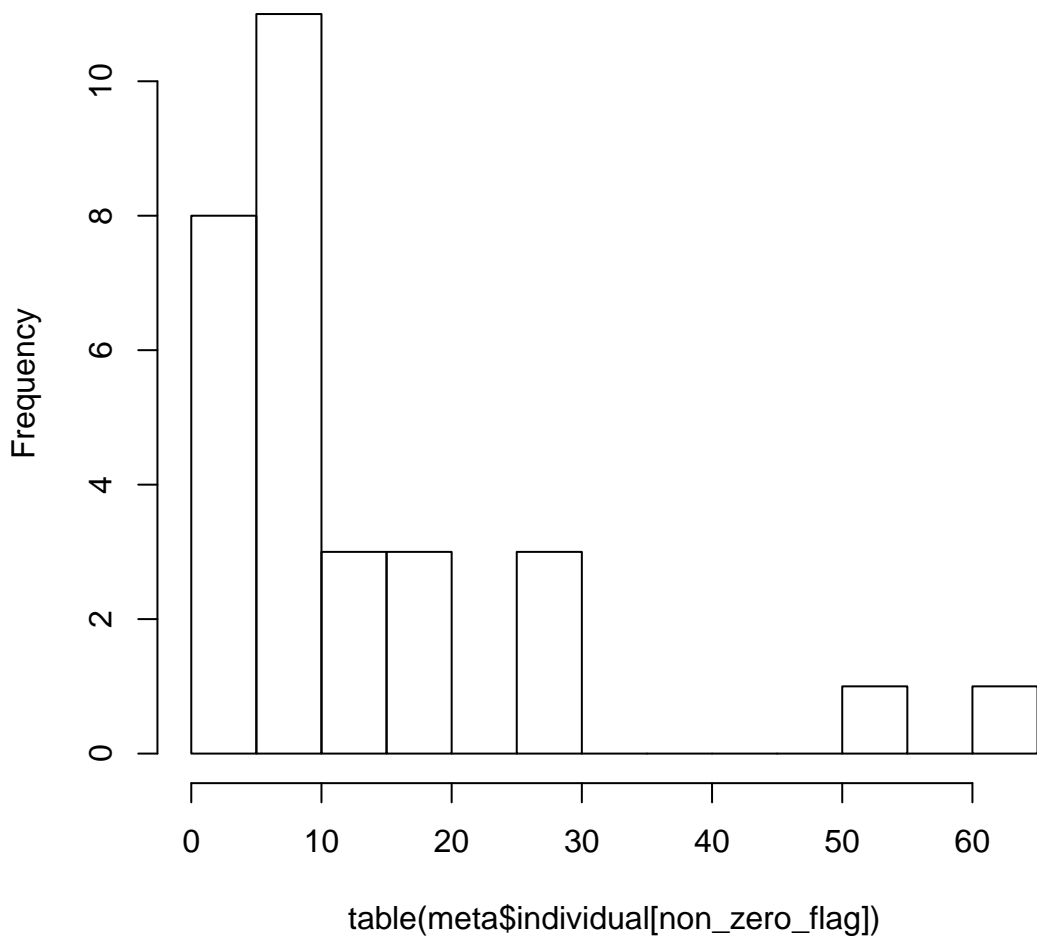
KSless sig: individual expression cell count of gene#44



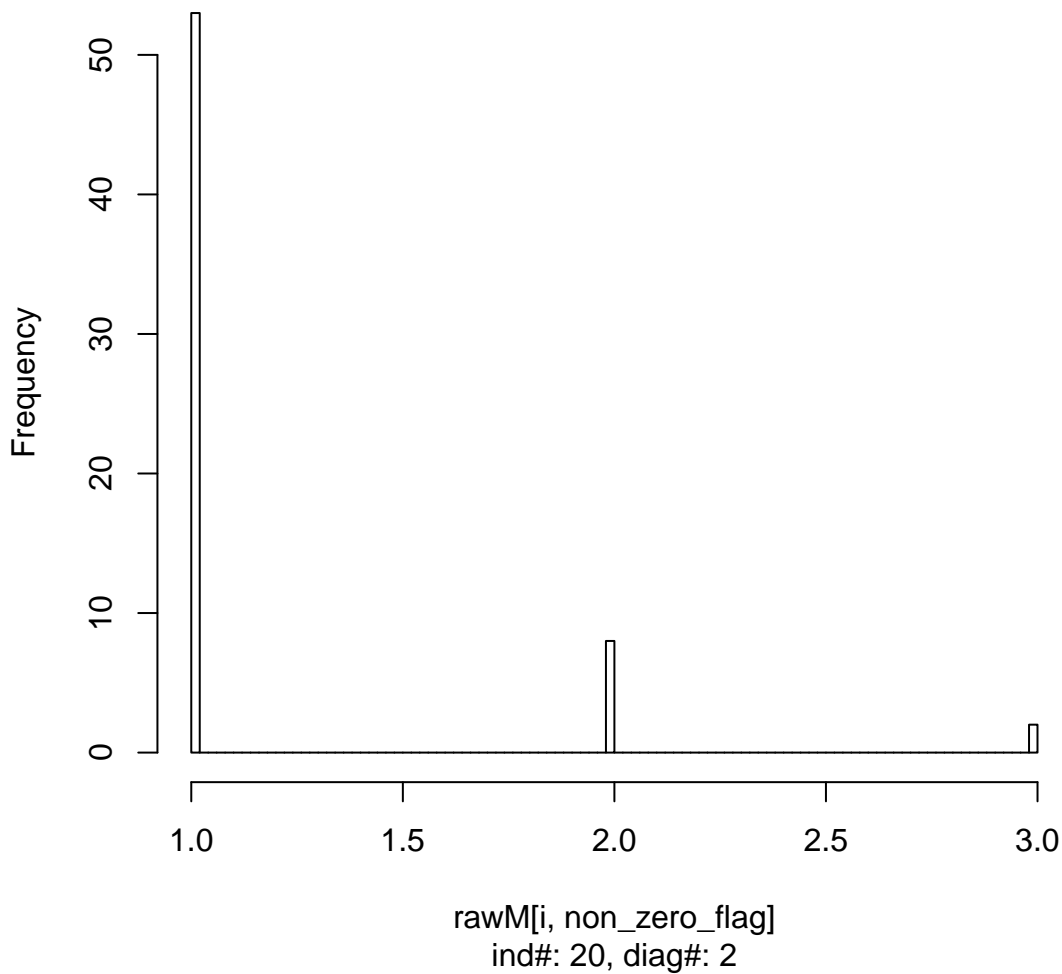
less sig: log expression of gene#46, pval ob=0.3604, non-zero nu



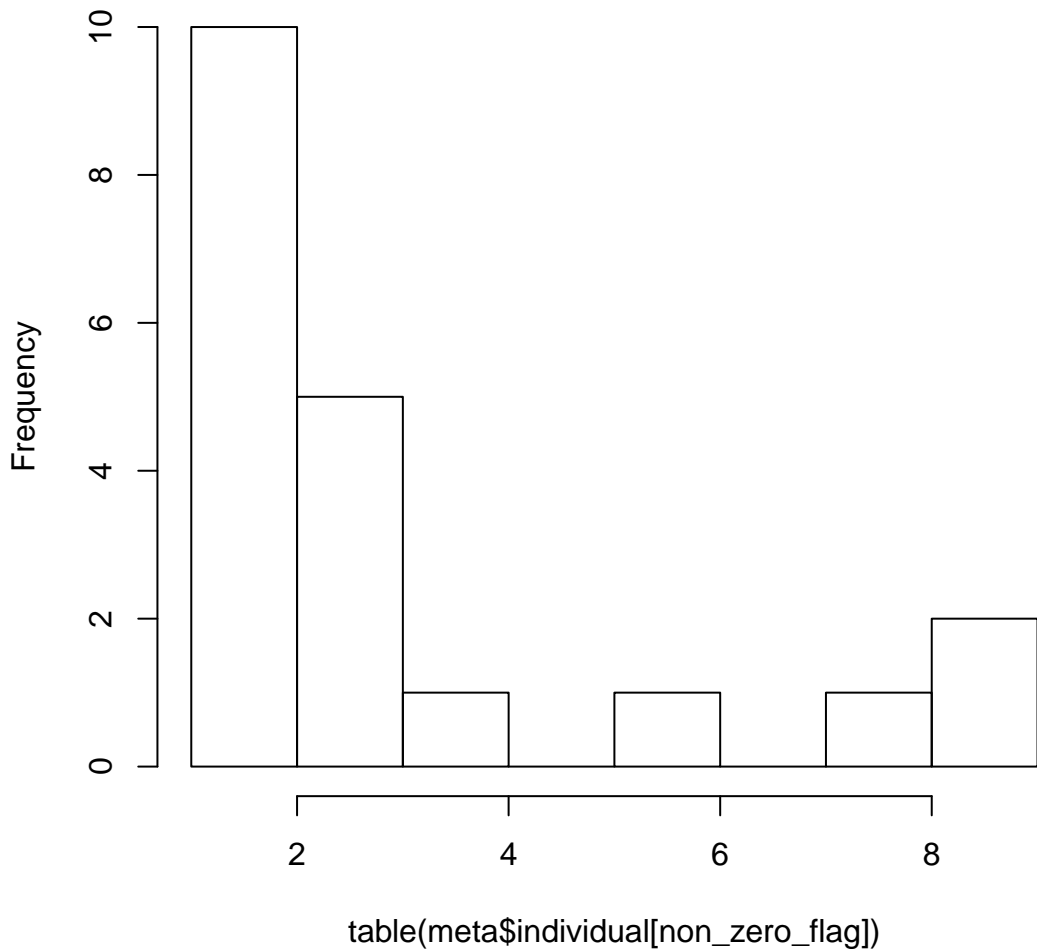
KSless sig: individual expression cell count of gene#46



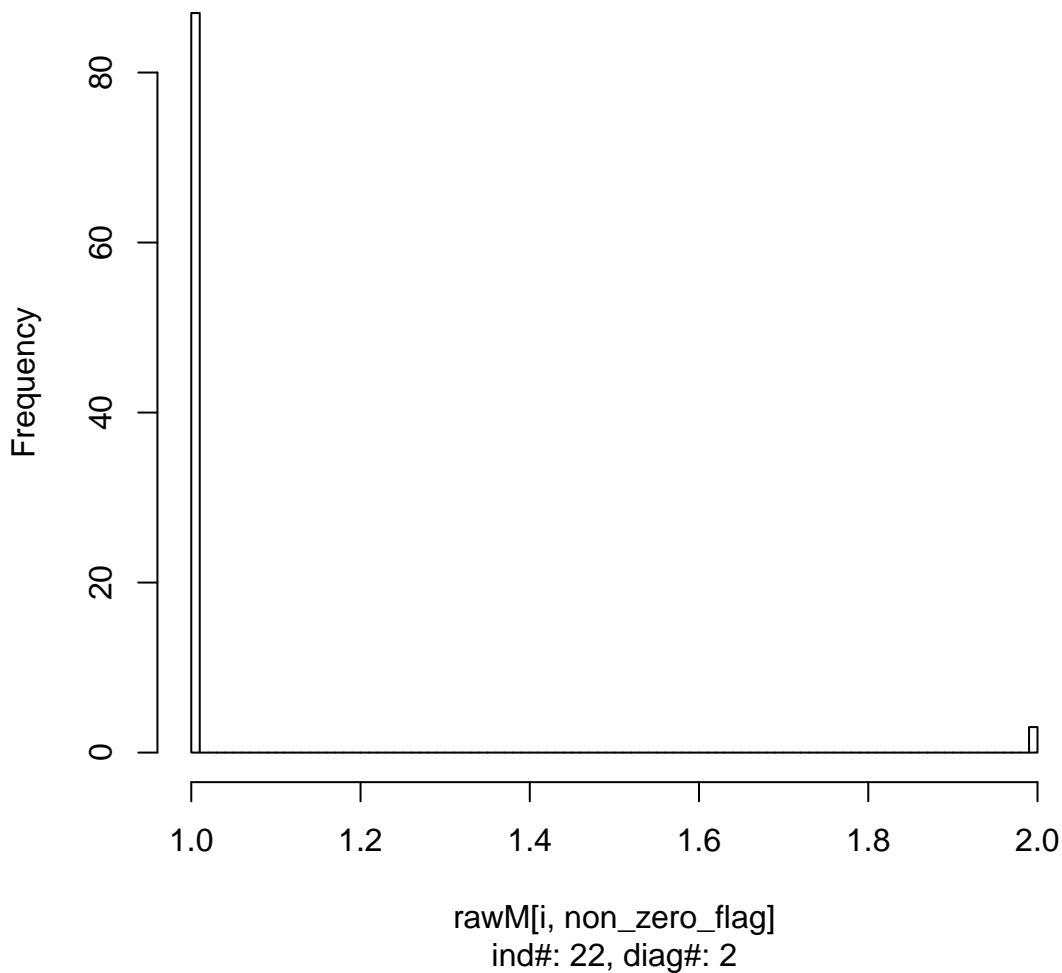
less sig: log expression of gene#49, pval ob=0.0928, non-zero n



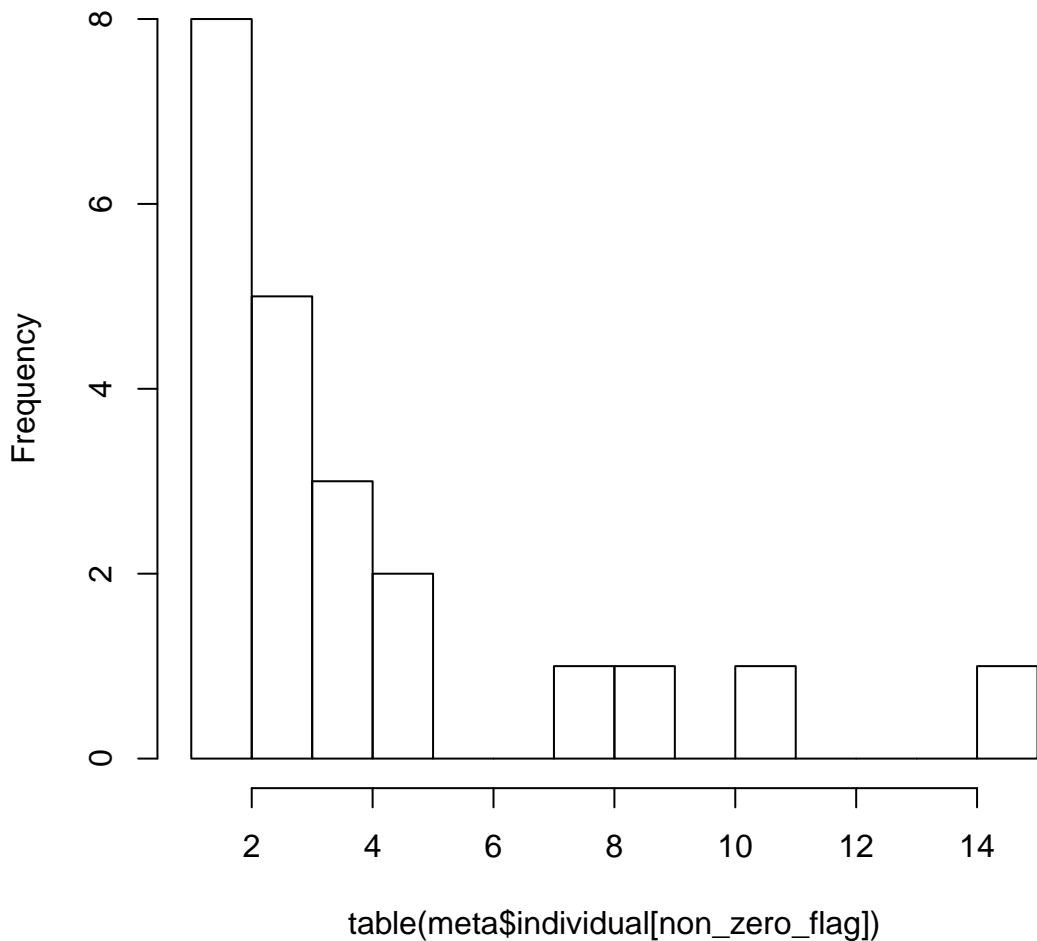
KSless sig: individual expression cell count of gene#49



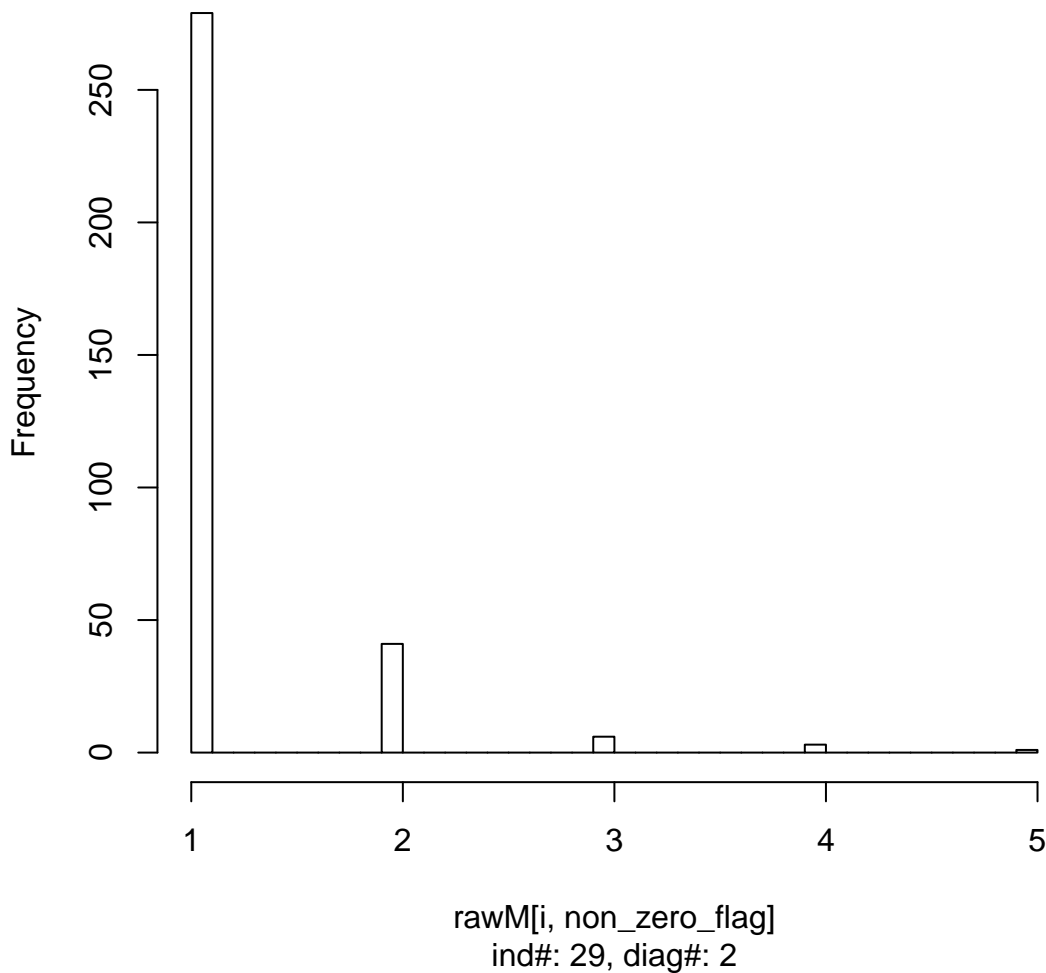
less sig: log expression of gene#53, pval ob=0.8588, non-zero n



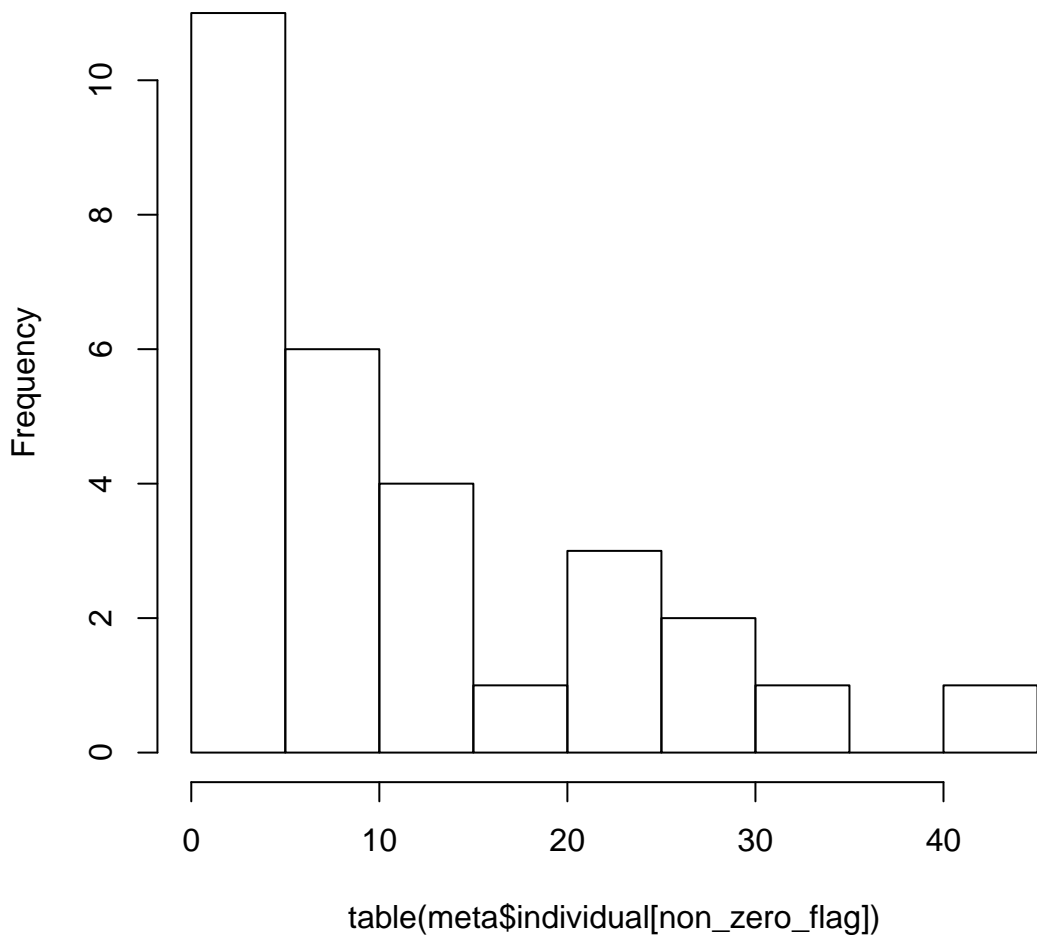
KSless sig: individual expression cell count of gene#53



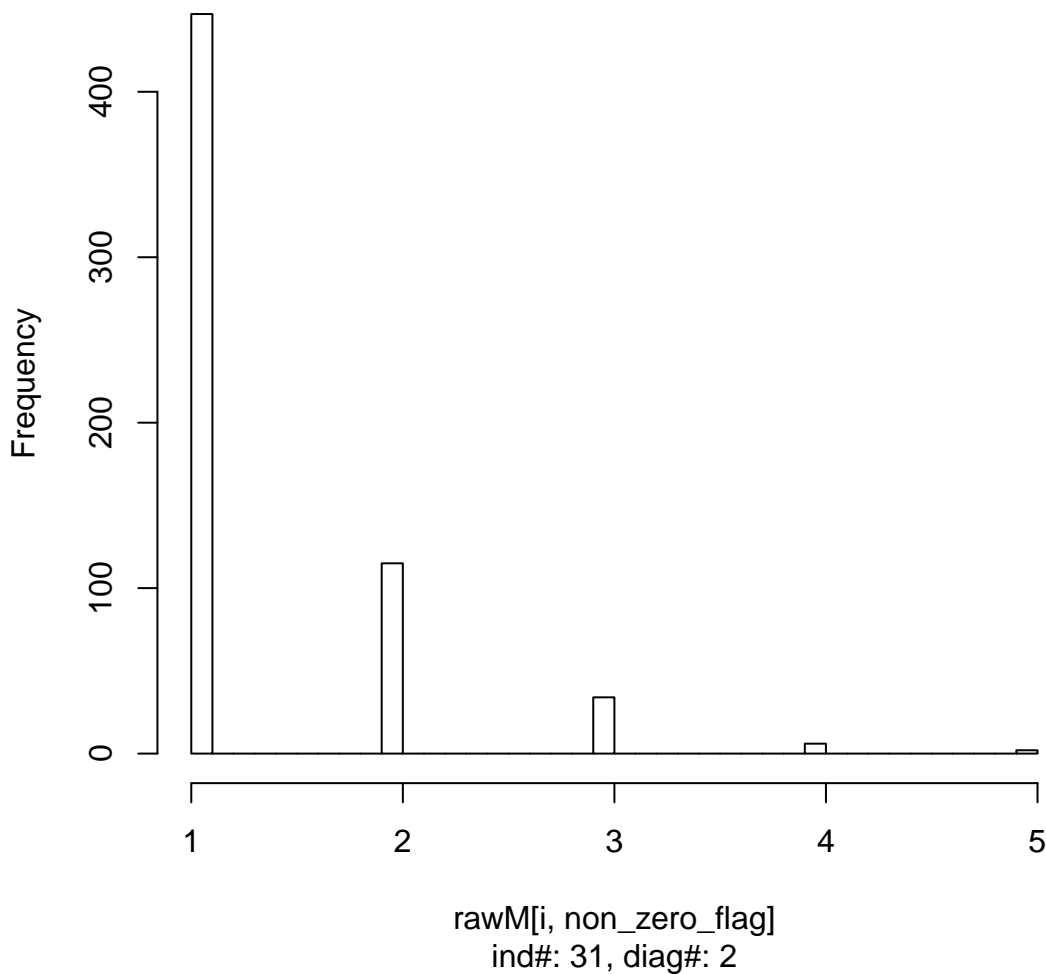
S nonsig: log expression of gene#1, pval ob=0.6132, non-zero num



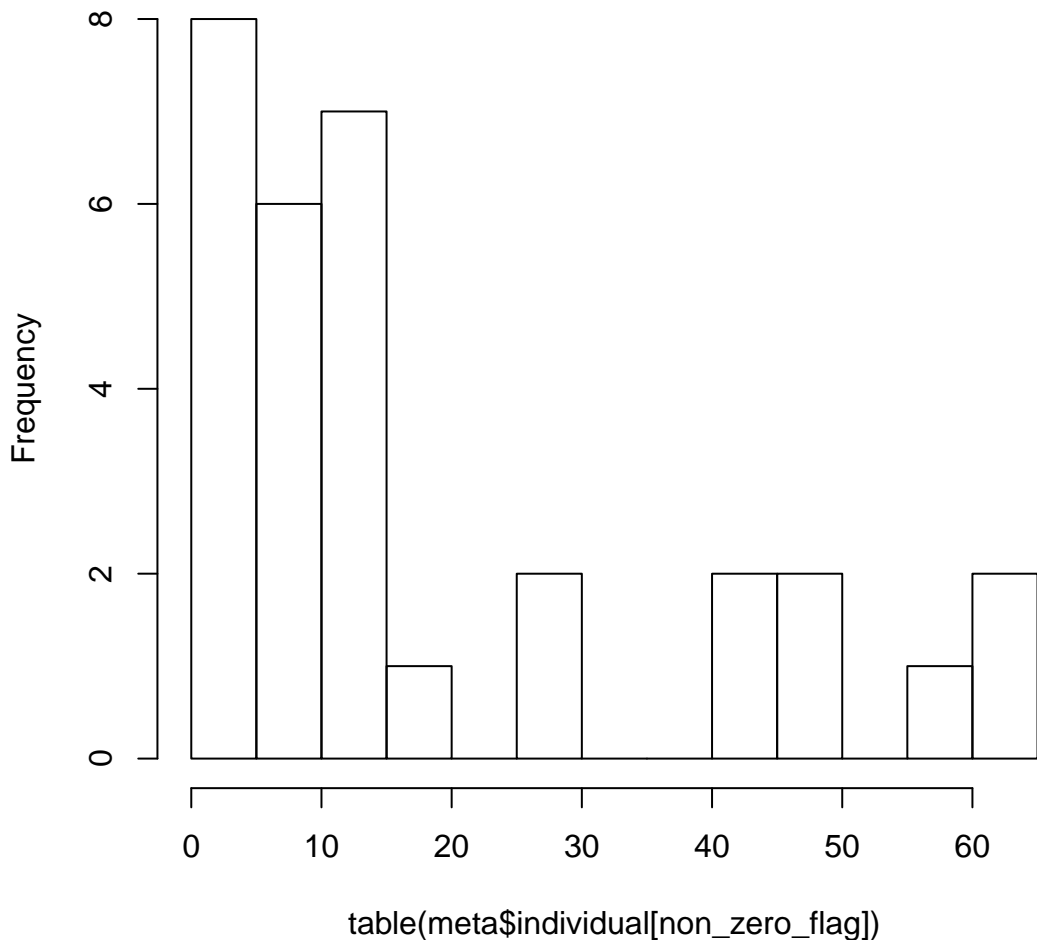
KSless nonsig: individual expression cell count of gene#1



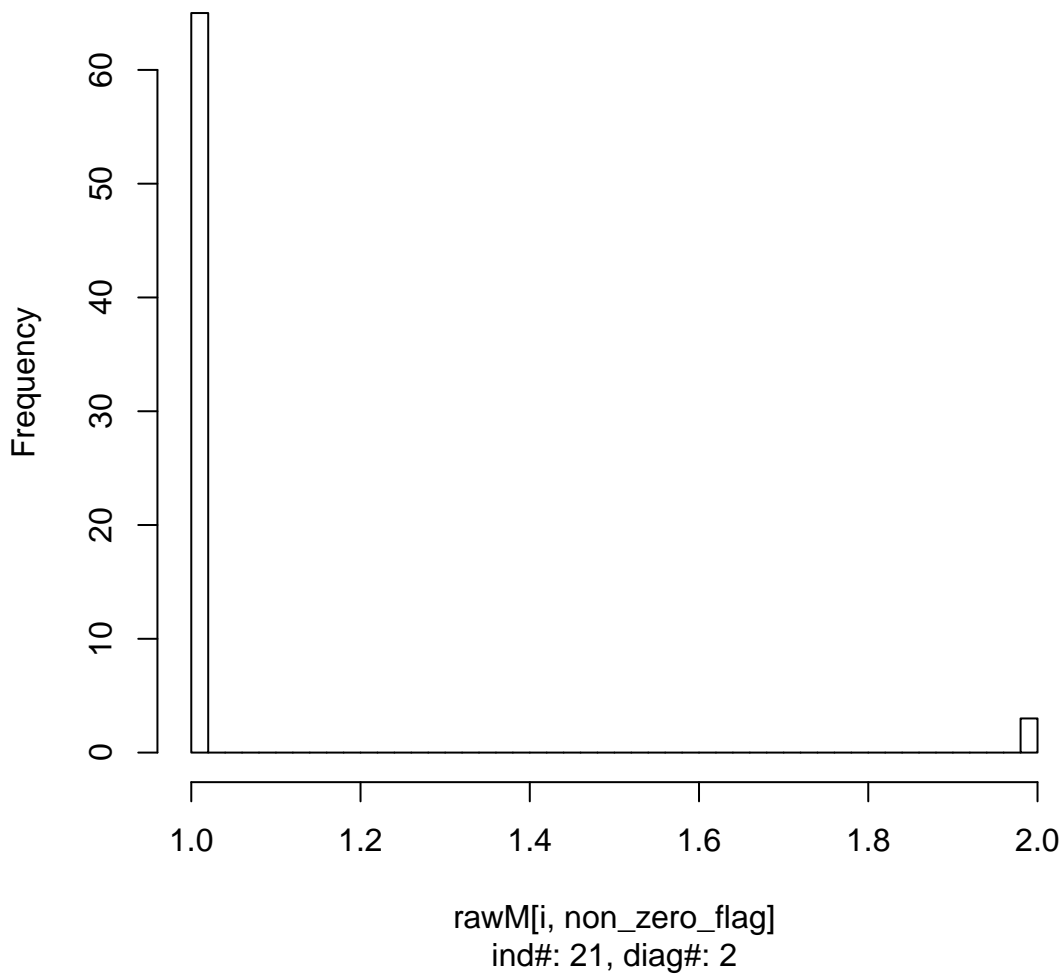
S nonsig: log expression of gene#3, pval ob=0.7756, non-zero nu



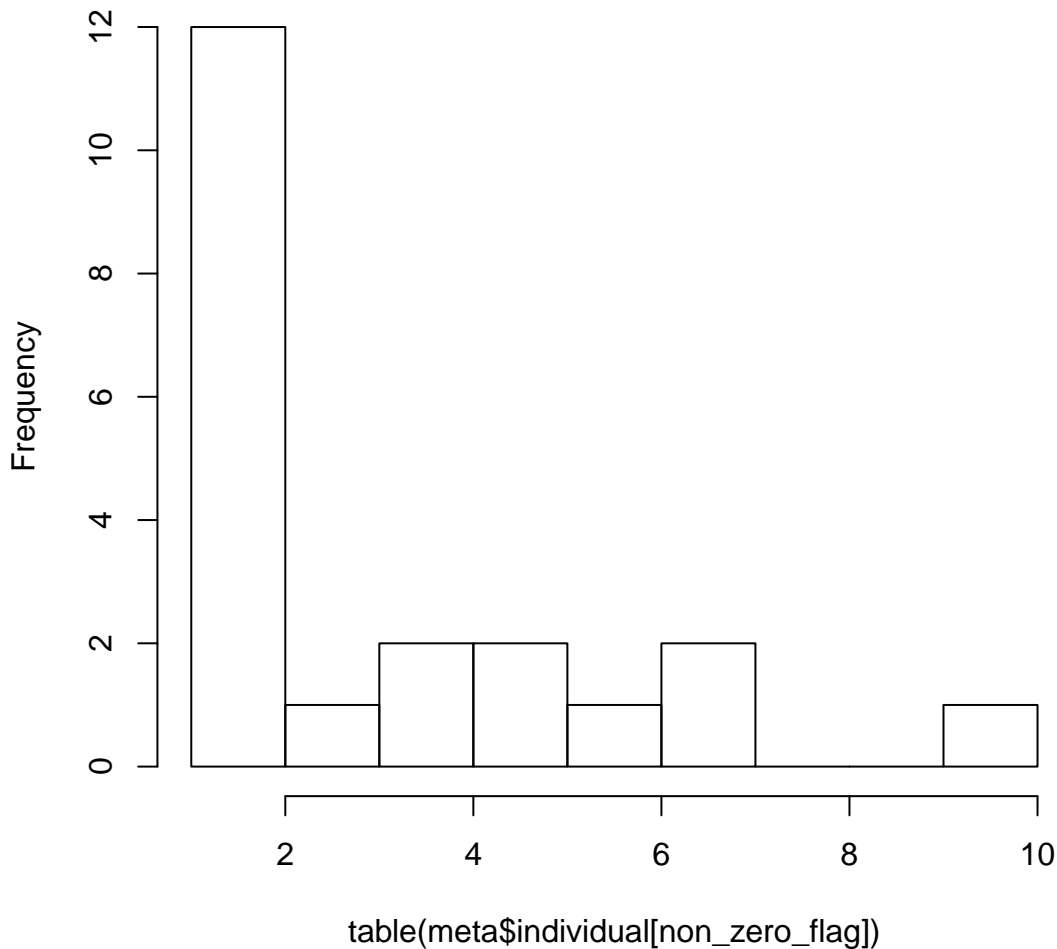
KSless nonsig: individual expression cell count of gene#3



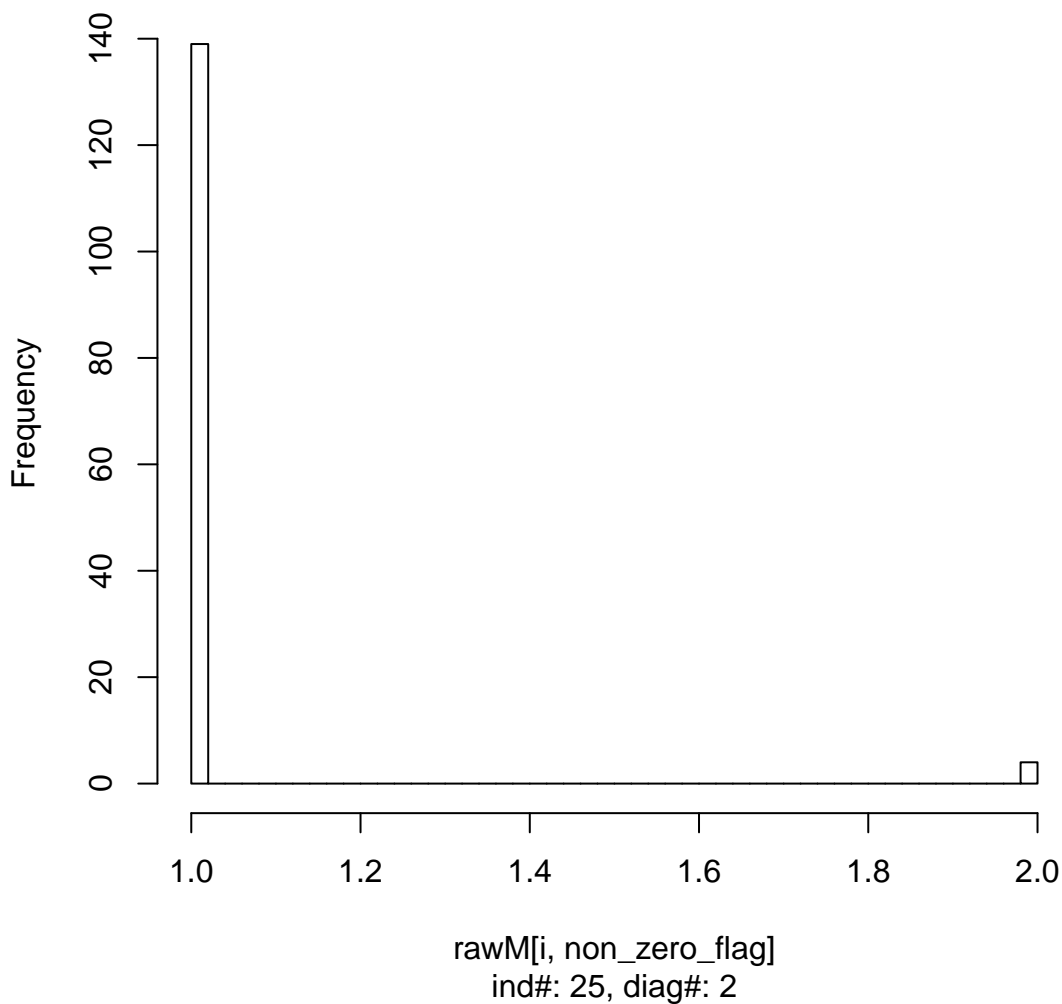
S nonsig: log expression of gene#4, pval ob=0.0248, non-zero nu



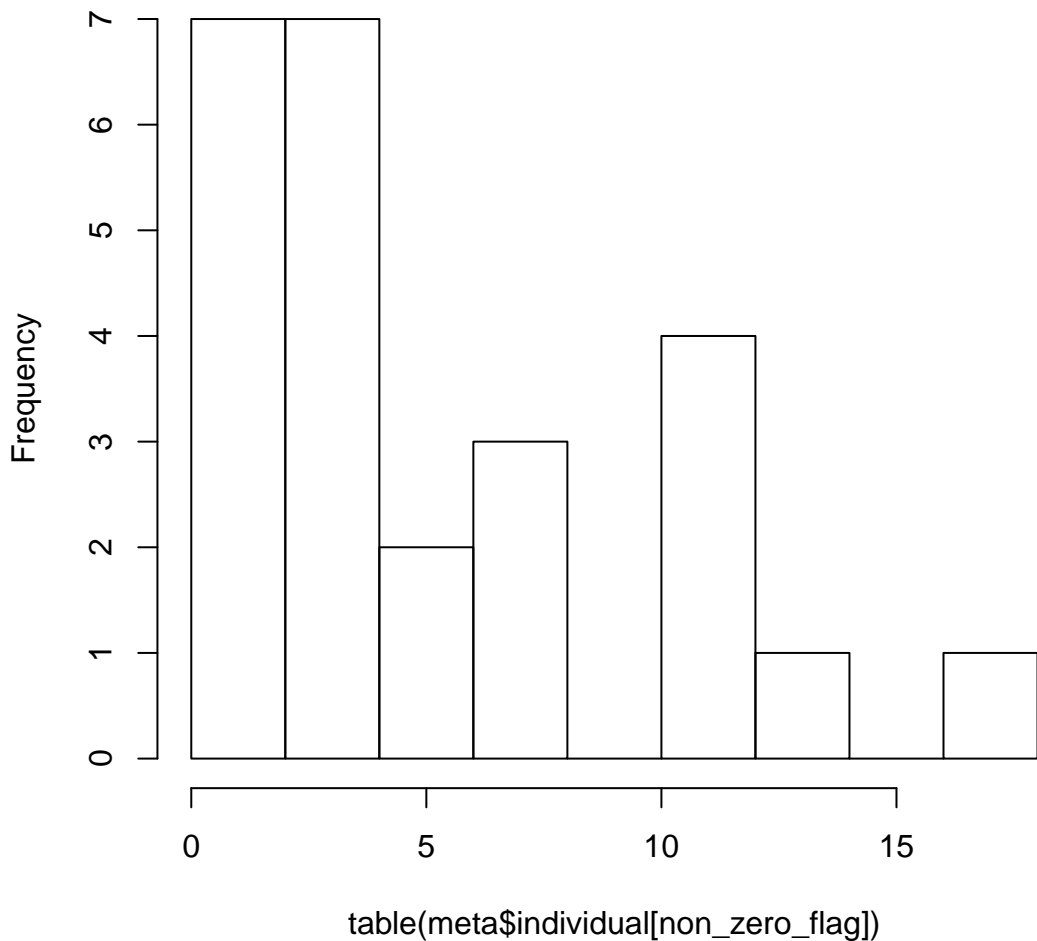
KSless nonsig: individual expression cell count of gene#4



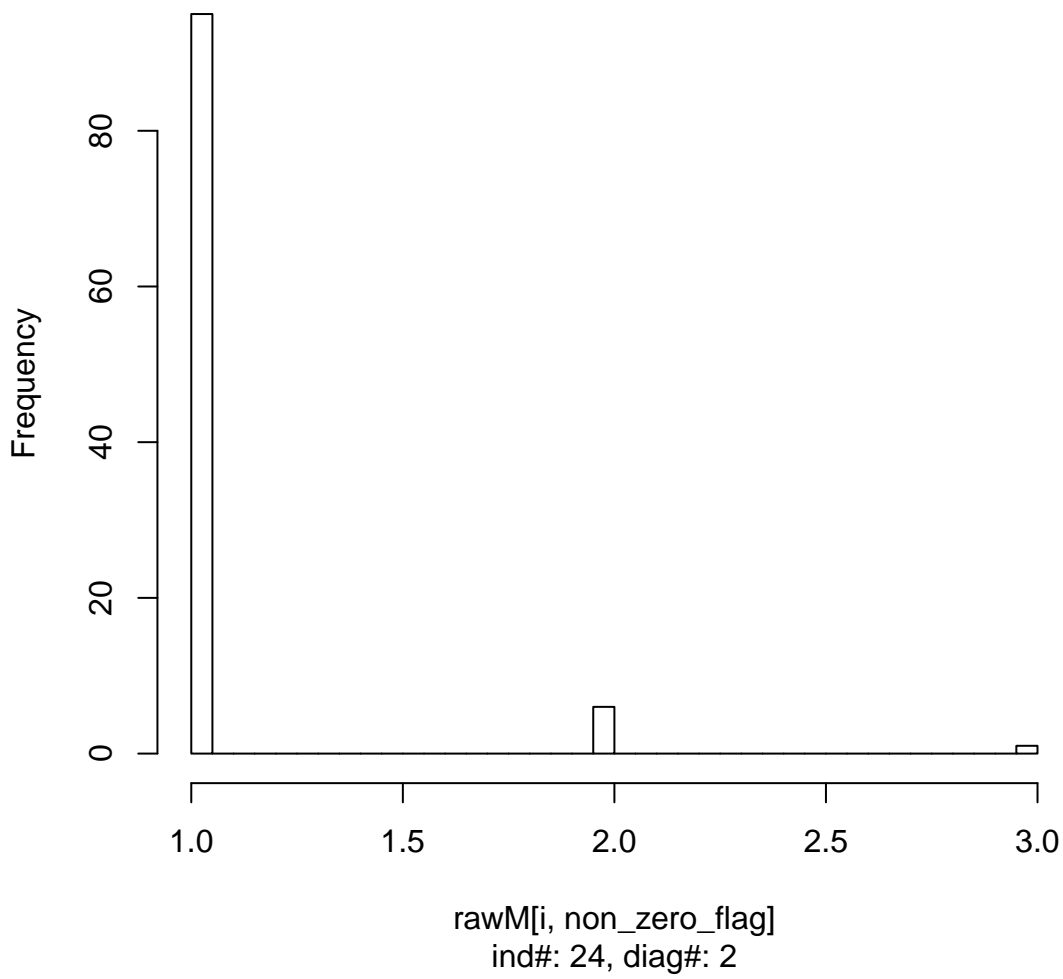
S nonsig: log expression of gene#6, pval ob=0.1249, non-zero nu



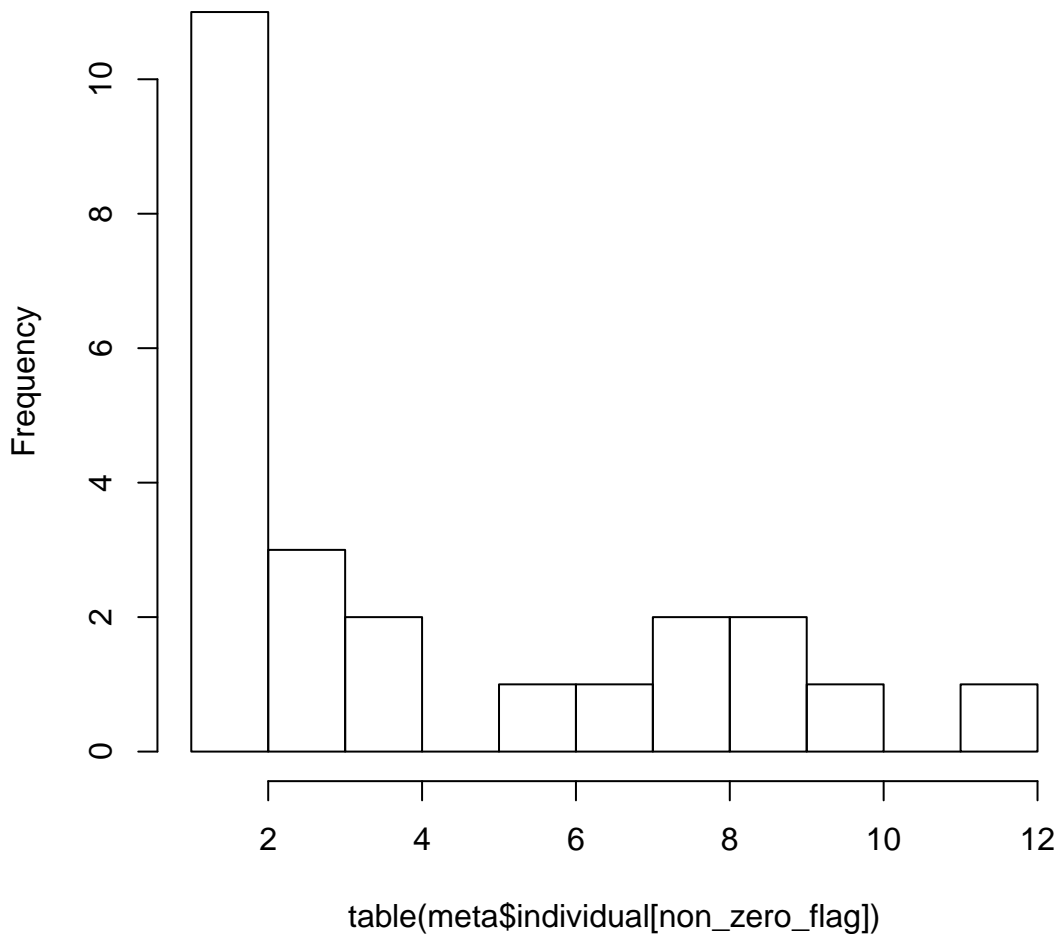
KSless nonsig: individual expression cell count of gene#6



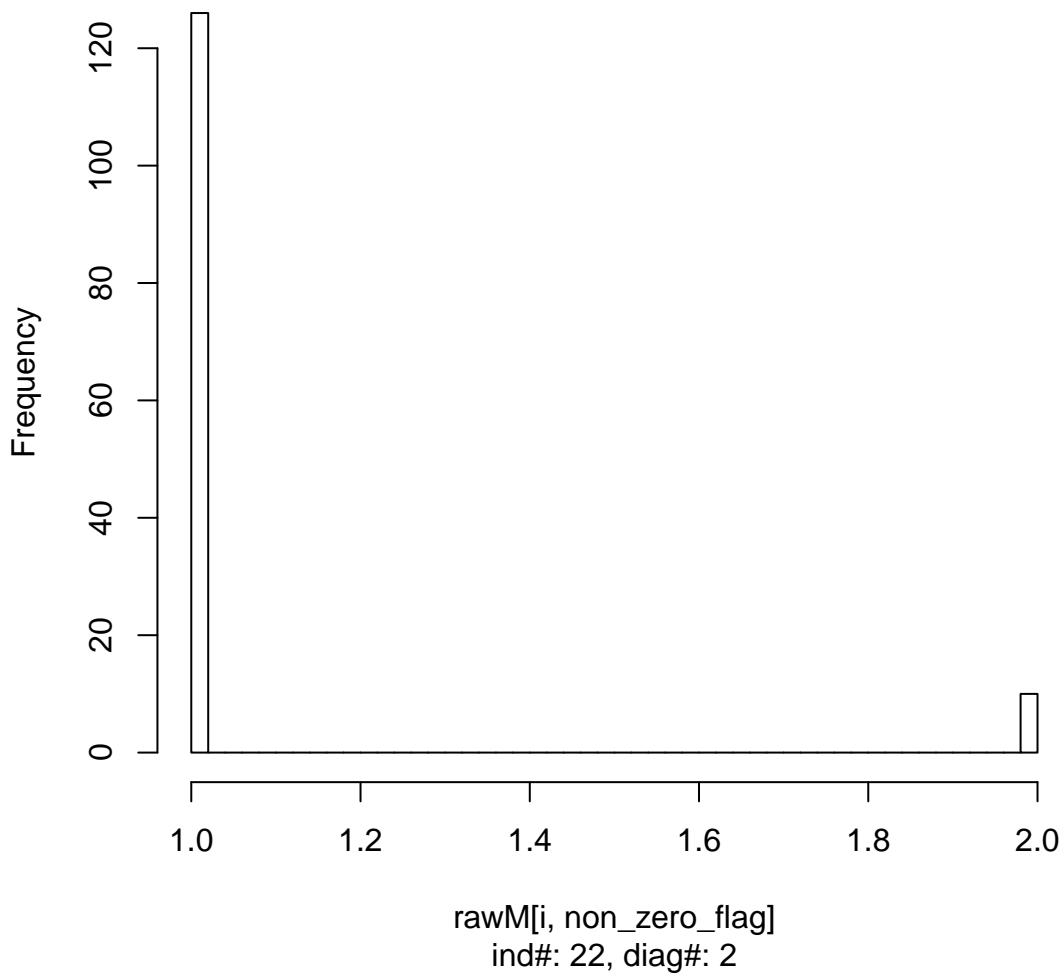
S nonsig: log expression of gene#8, pval ob=0.0016, non-zero nu



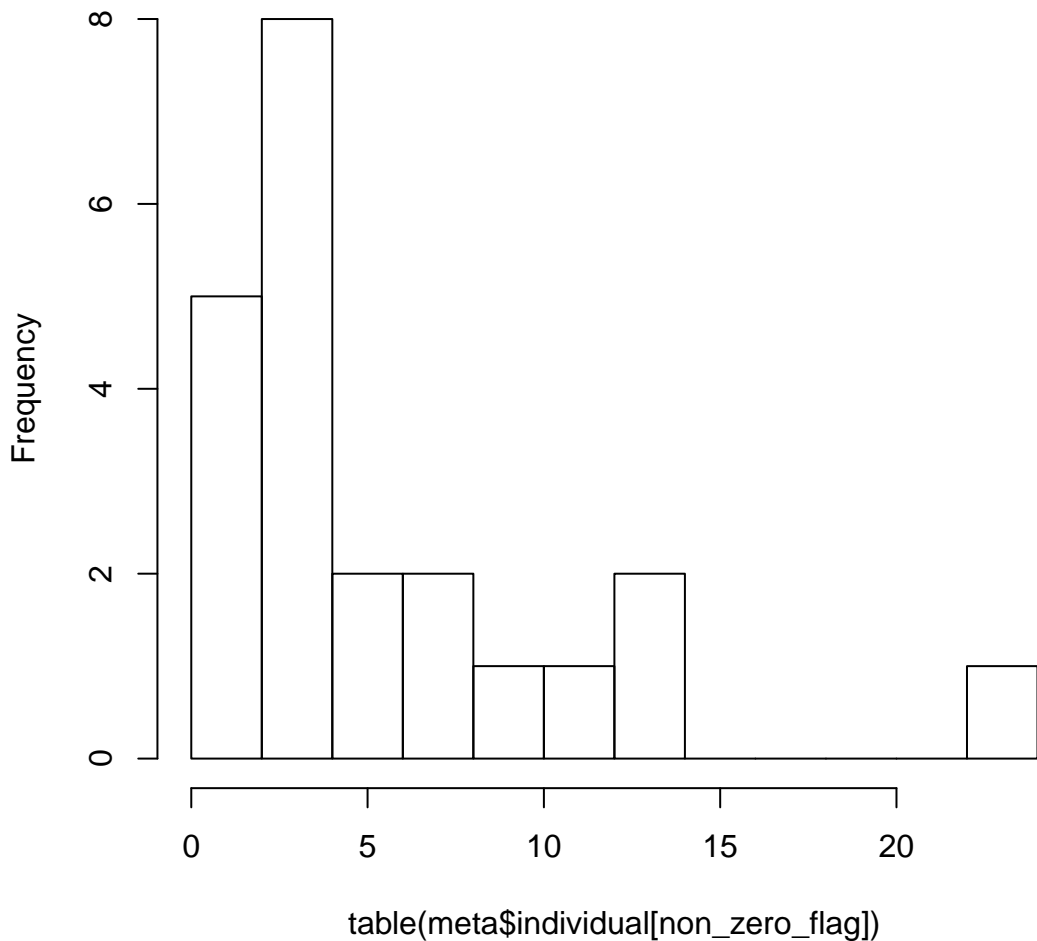
KSless nonsig: individual expression cell count of gene#8



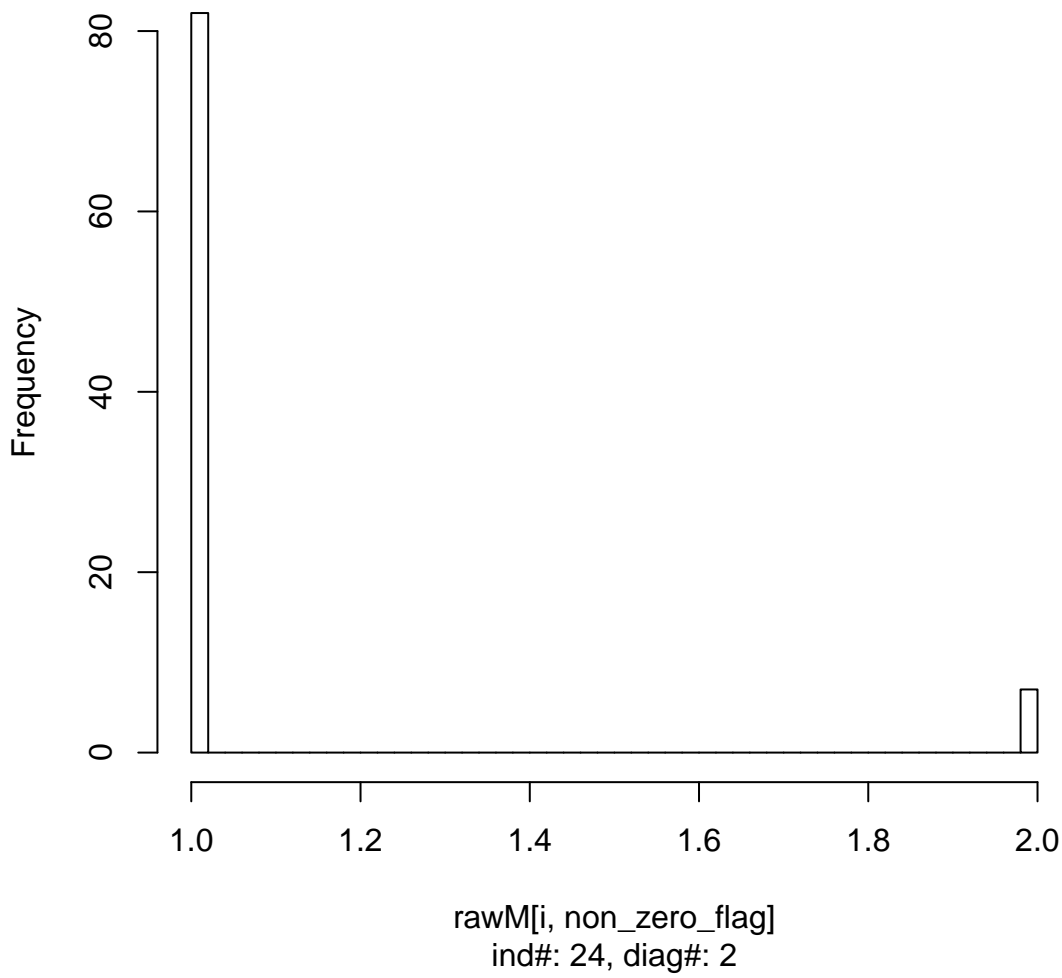
ns nonsig: log expression of gene#10, pval ob=0.4097, non-zero nu



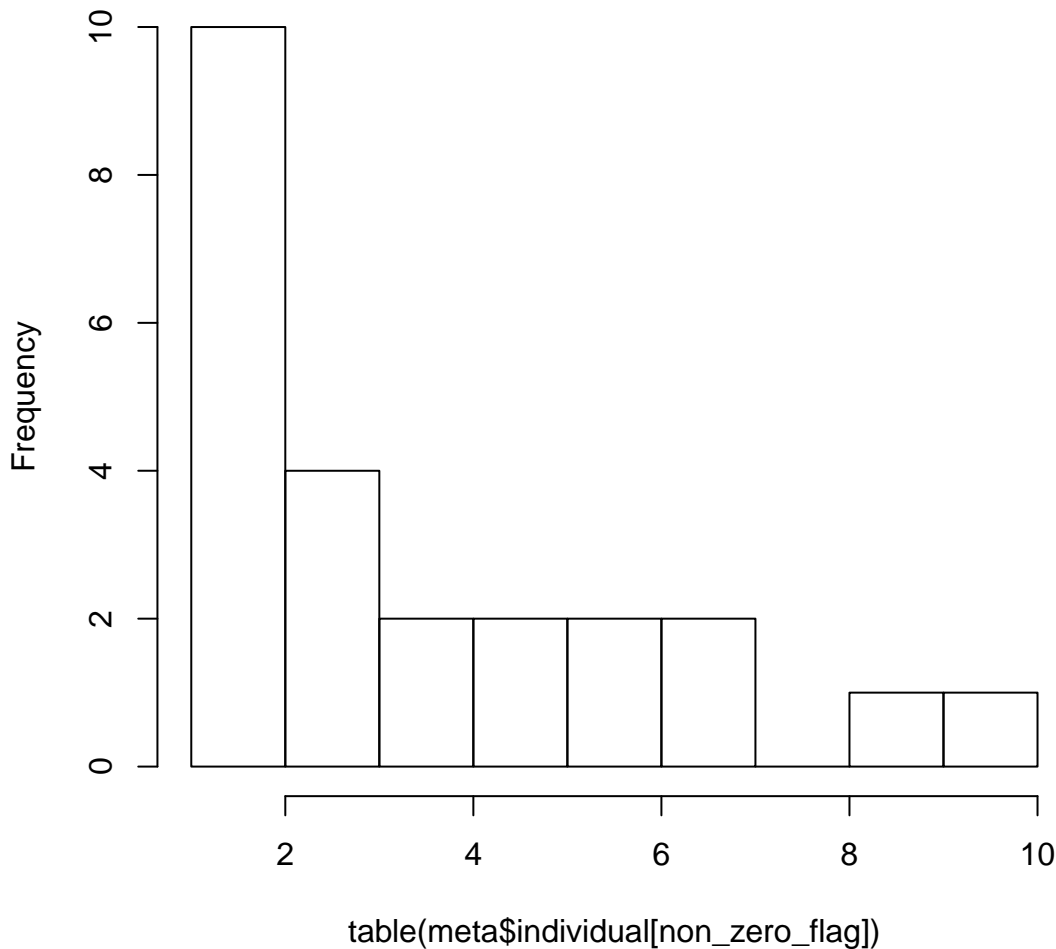
KSless nonsig: individual expression cell count of gene#10



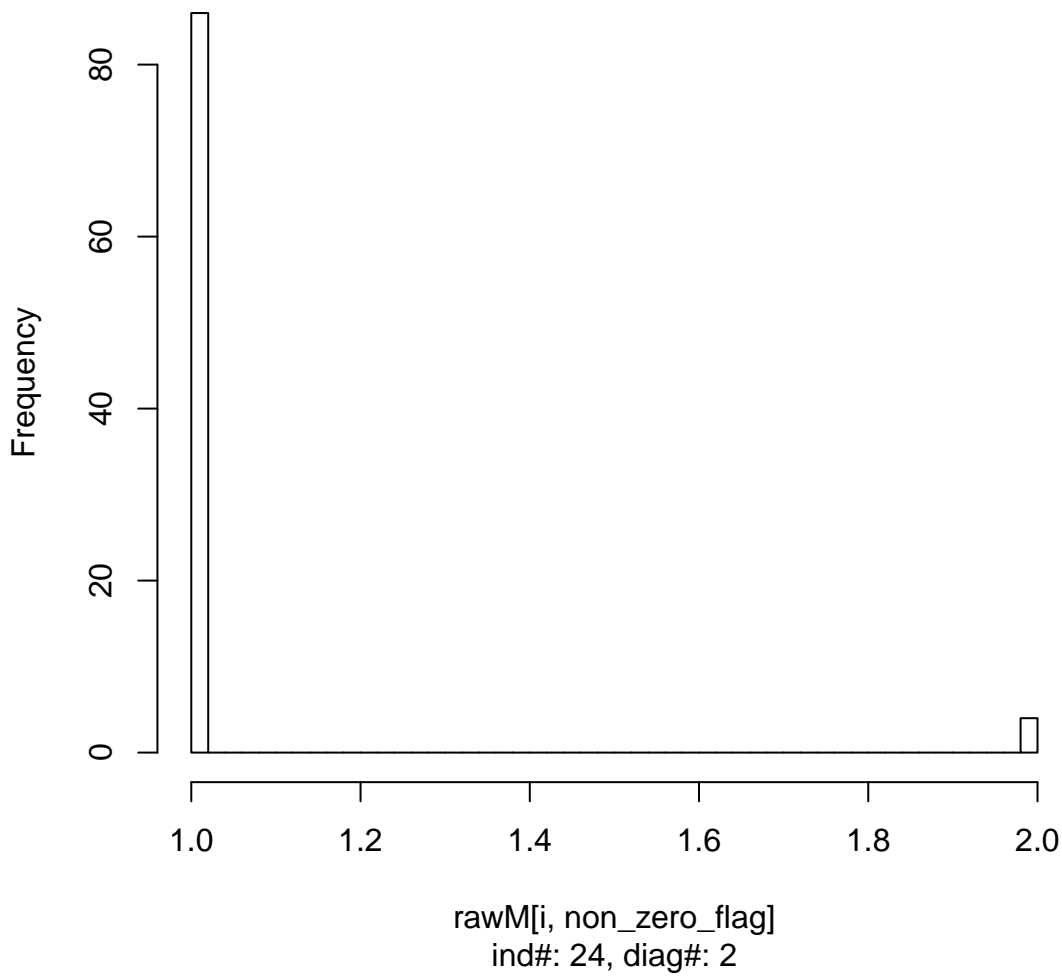
S nonsig: log expression of gene#11, pval ob=0.3786, non-zero n



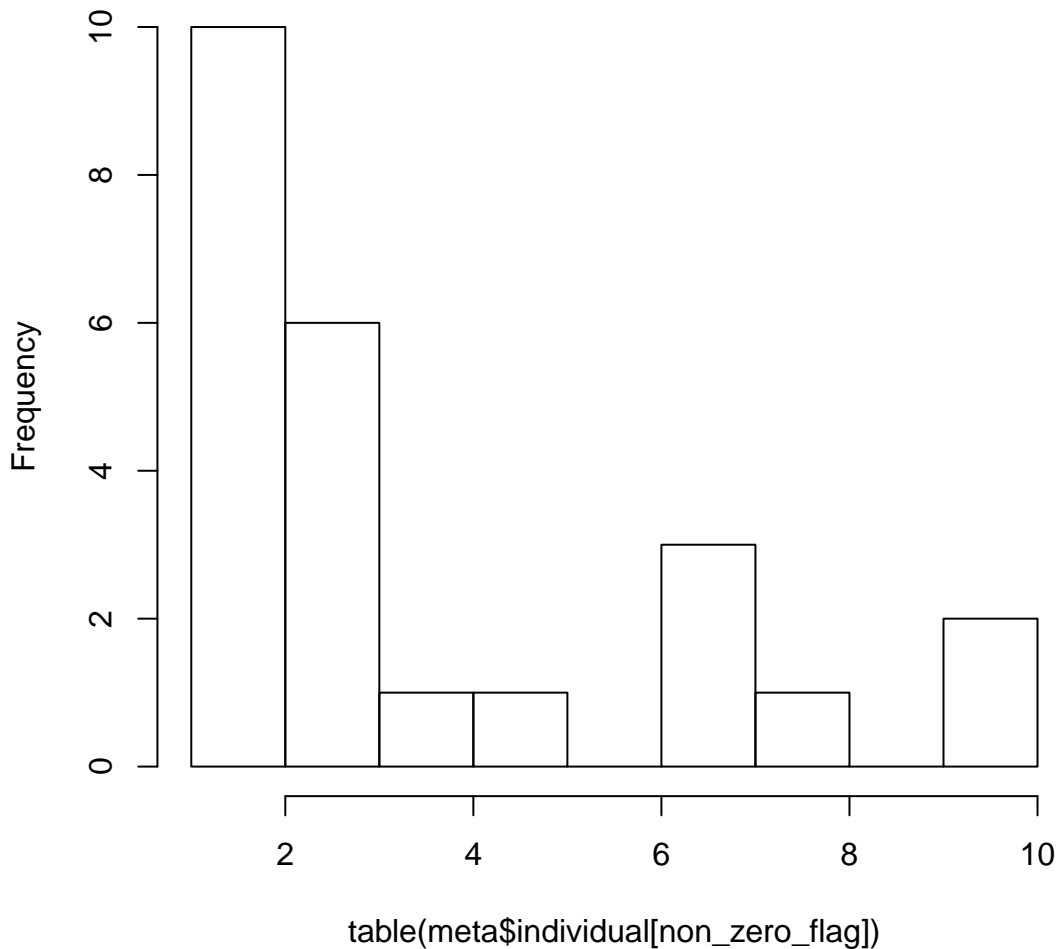
KSless nonsig: individual expression cell count of gene#11



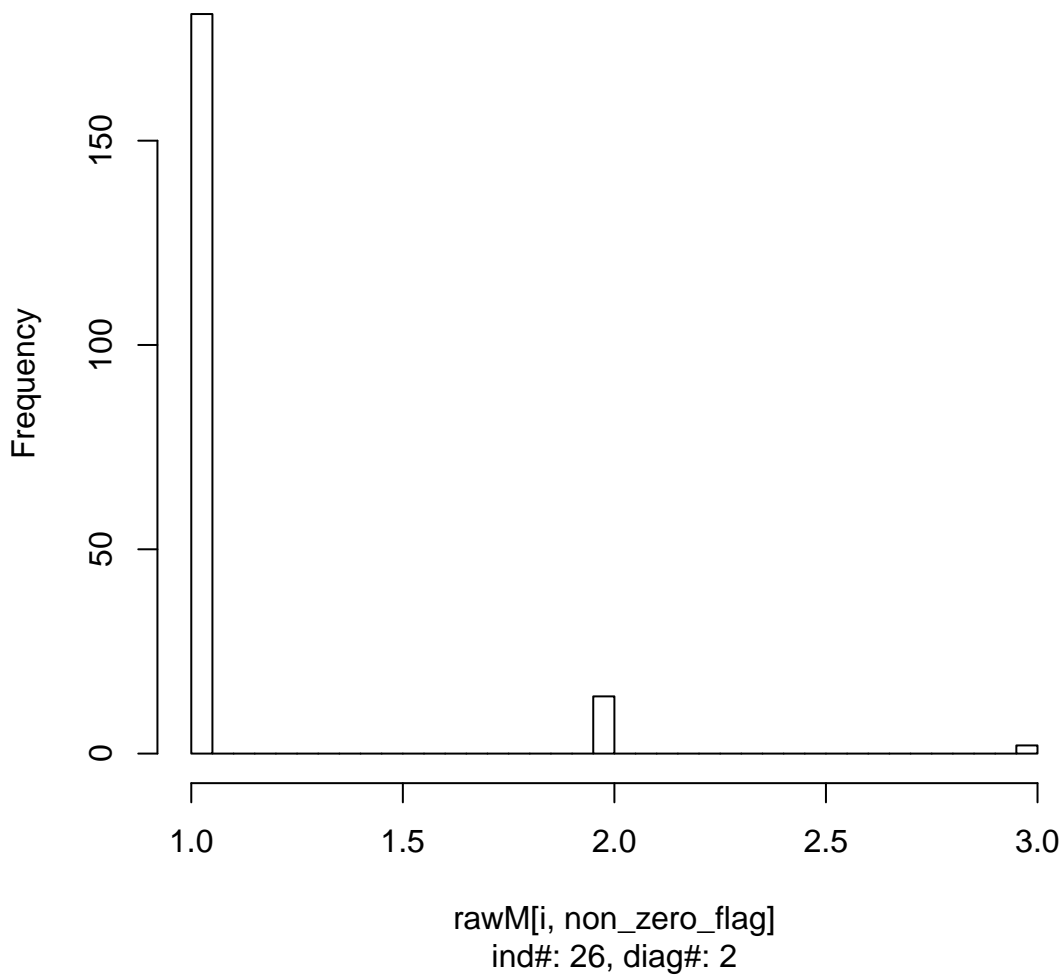
S nonsig: log expression of gene#12, pval ob=0.8248, non-zero n



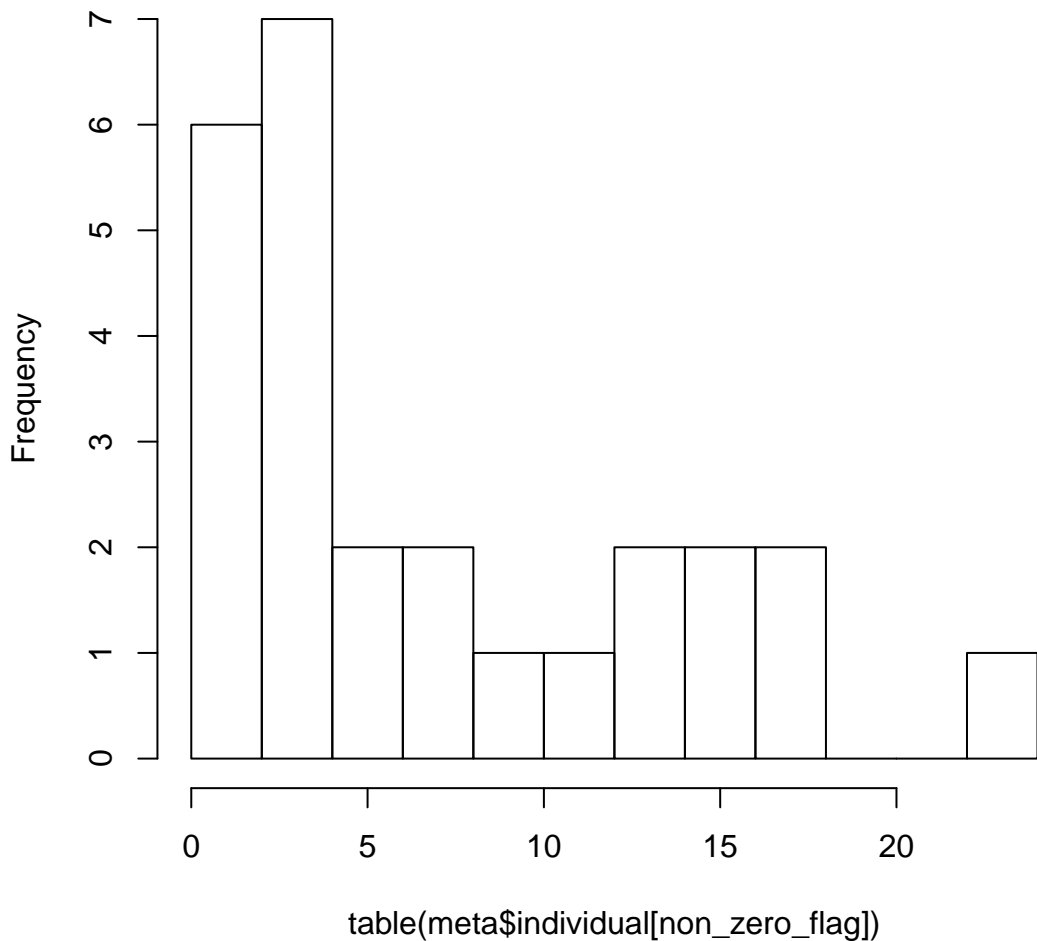
KSless nonsig: individual expression cell count of gene#12



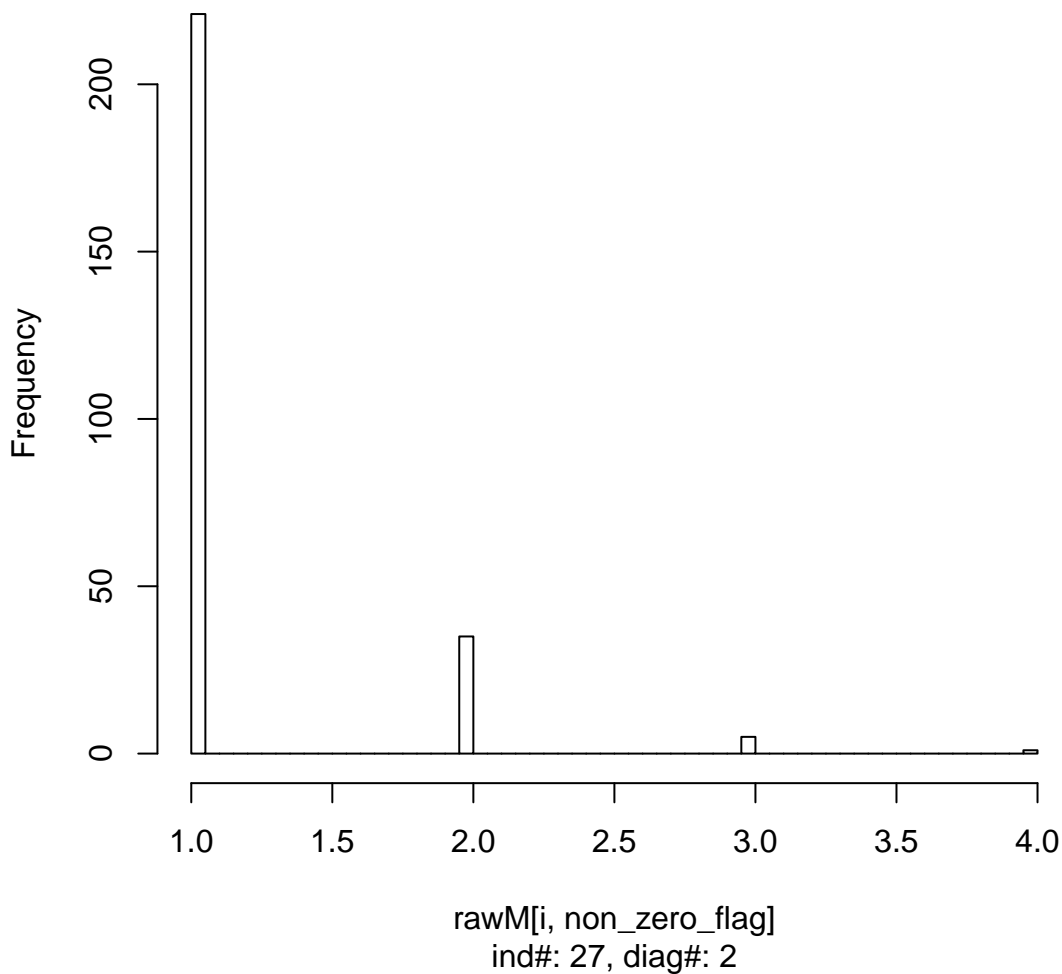
nonsig: log expression of gene#13, pval ob=0.5453, non-zero nu



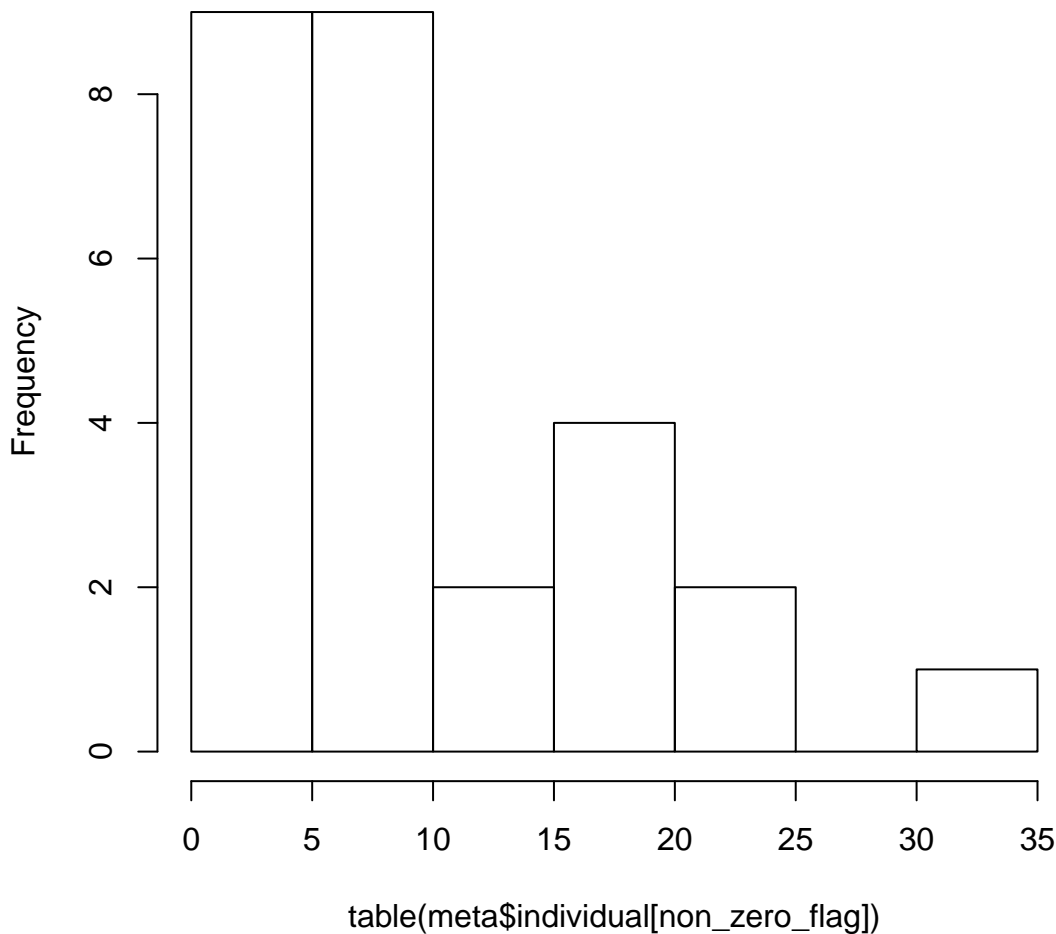
KSless nonsig: individual expression cell count of gene#13



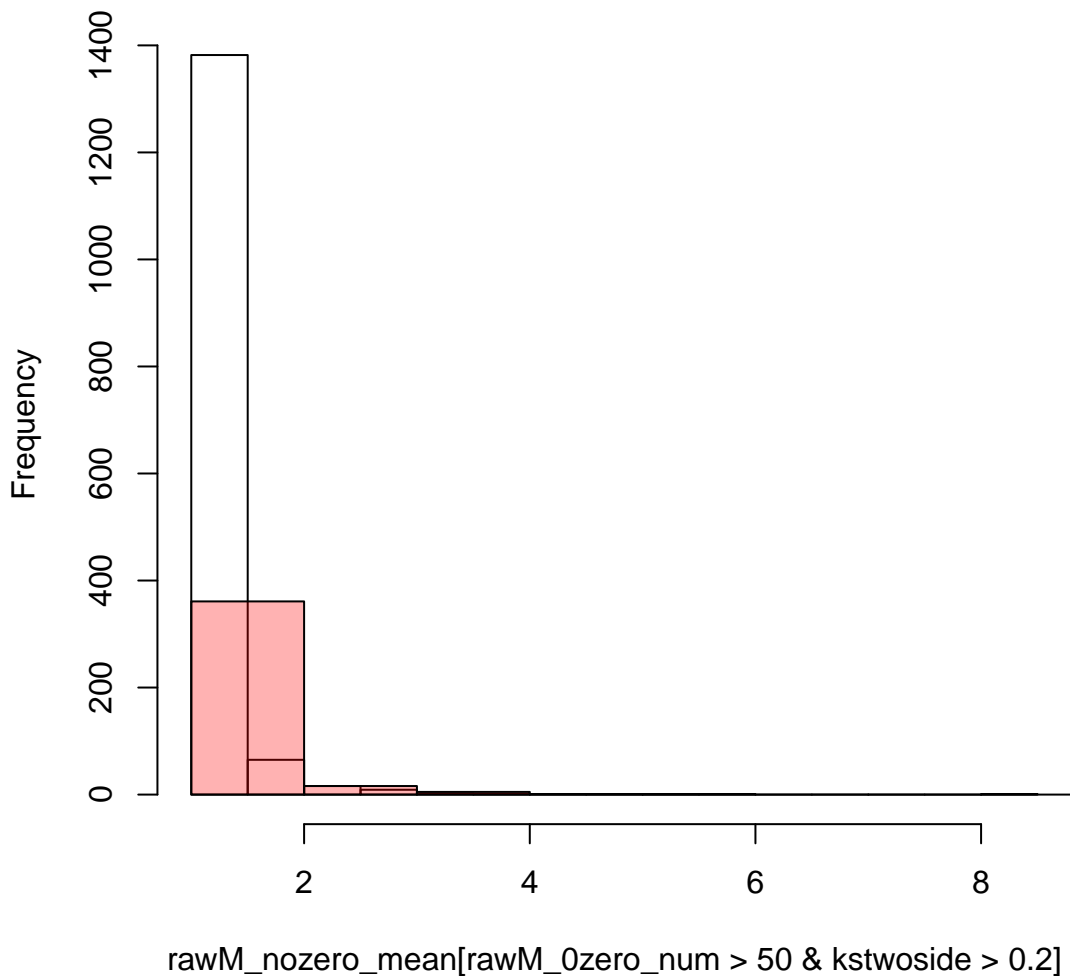
nsig: log expression of gene#14, pval ob=0.2391, non-zero nu



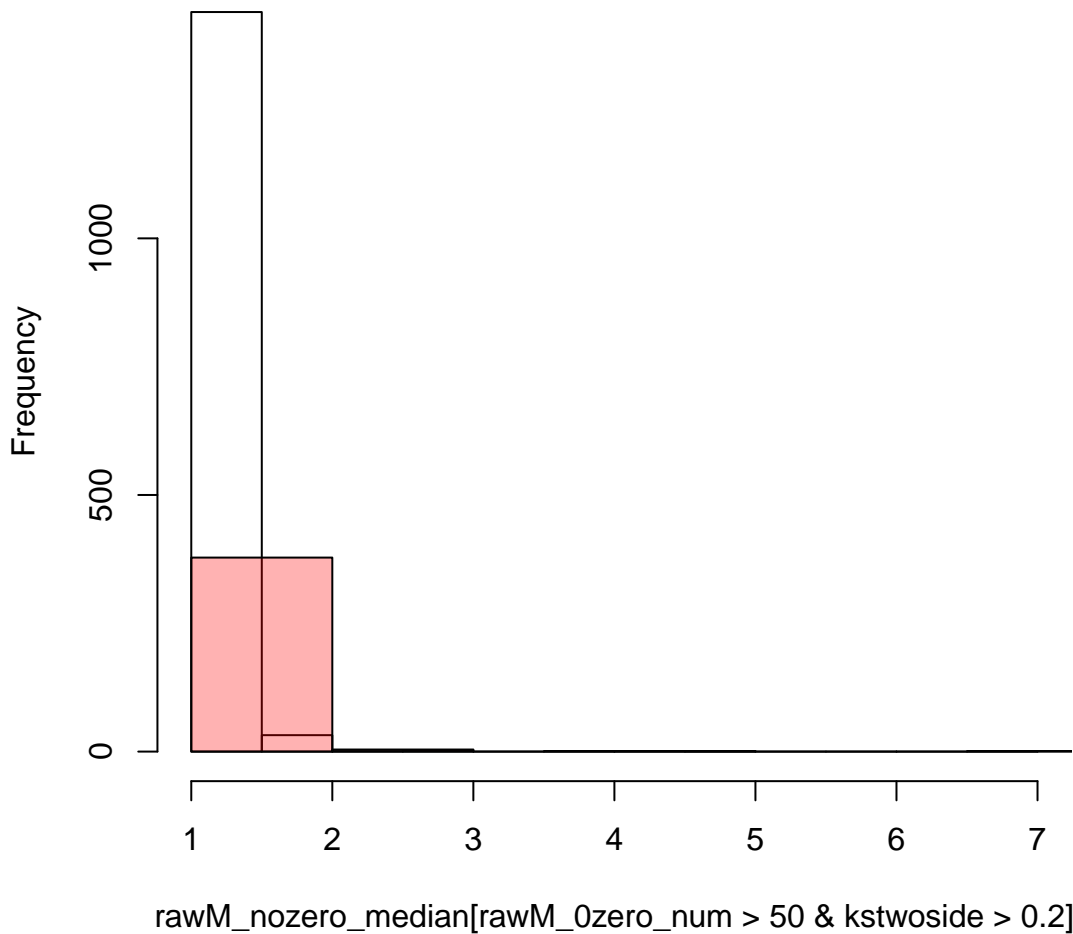
KSless nonsig: individual expression cell count of gene#14



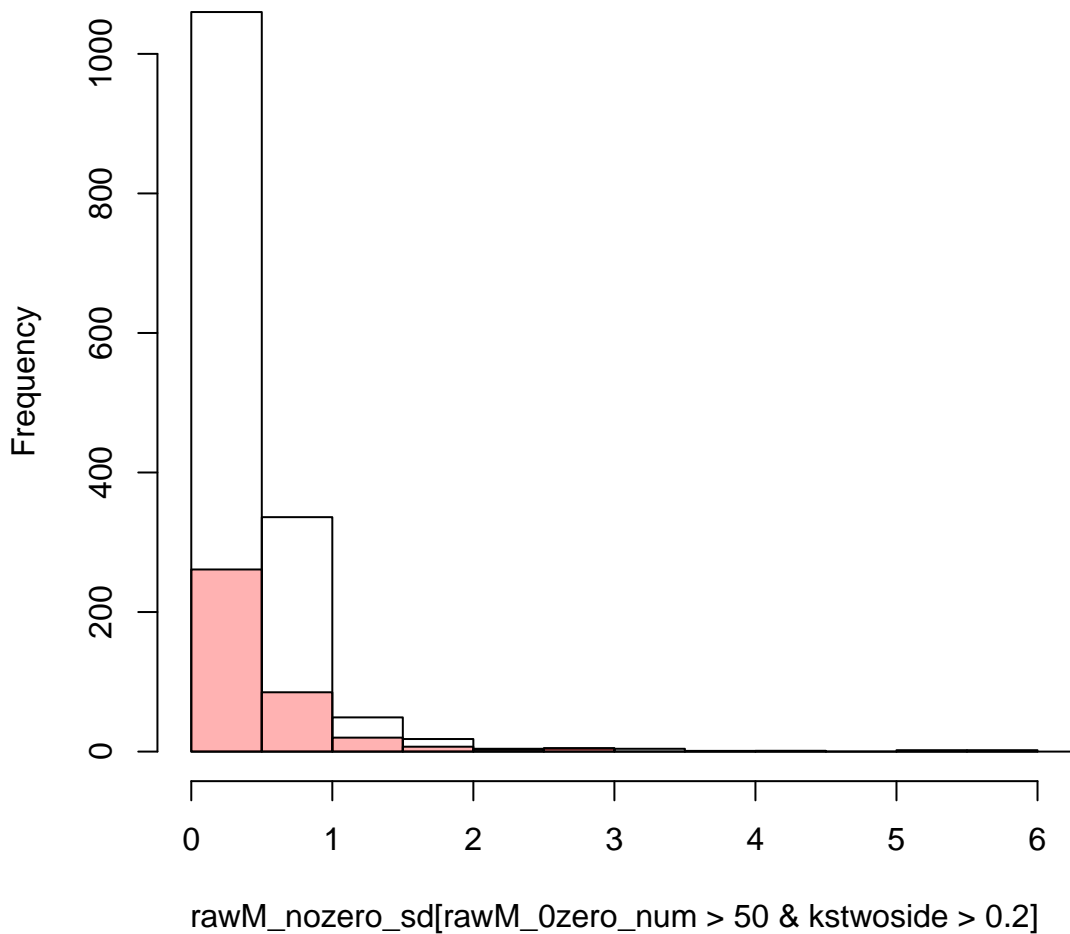
Histogram of rawM_nozero_mean[rawM_0zero_num > 50 & kstwsid



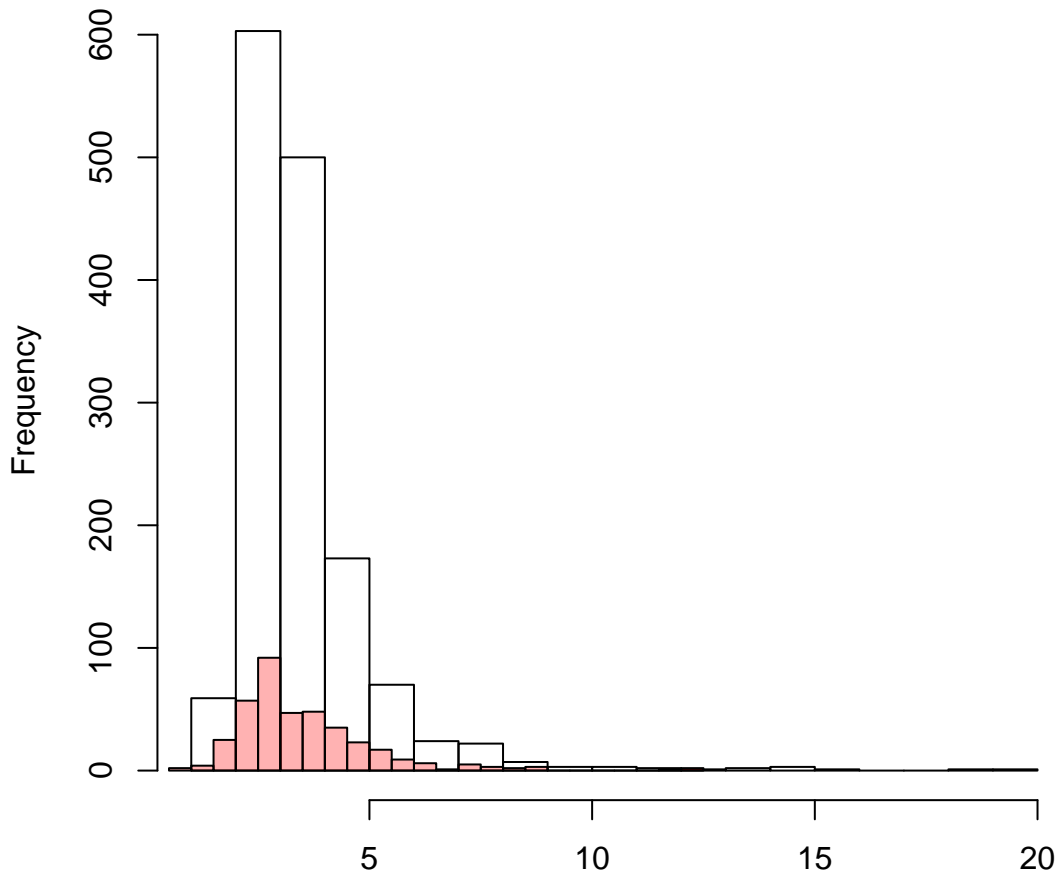
ogram of rawM_nozero_median[rawM_0zero_num > 50 & kstwosi



histogram of rawM_nozero_sd[rawM_0zero_num > 50 & kstwoside

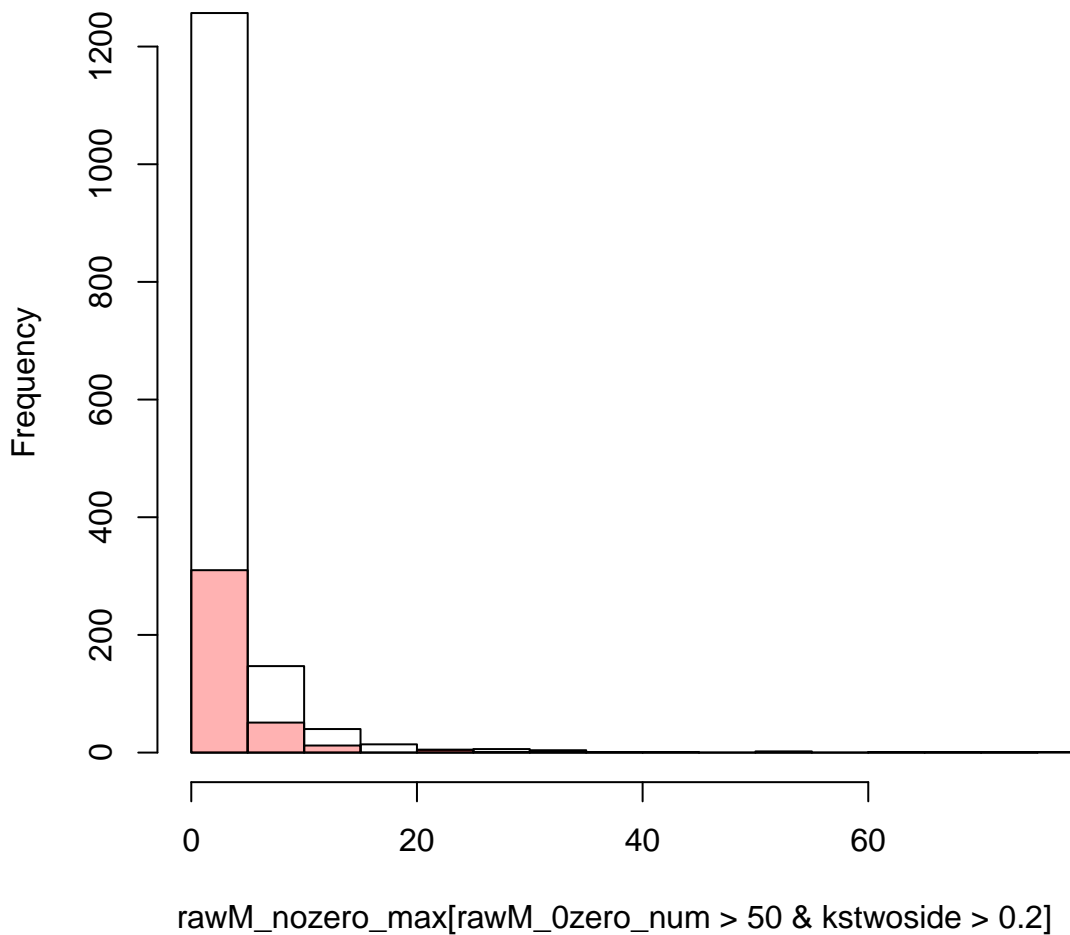


gram of rawM_nozero_skewness[rawM_0zero_num > 50 & kstws

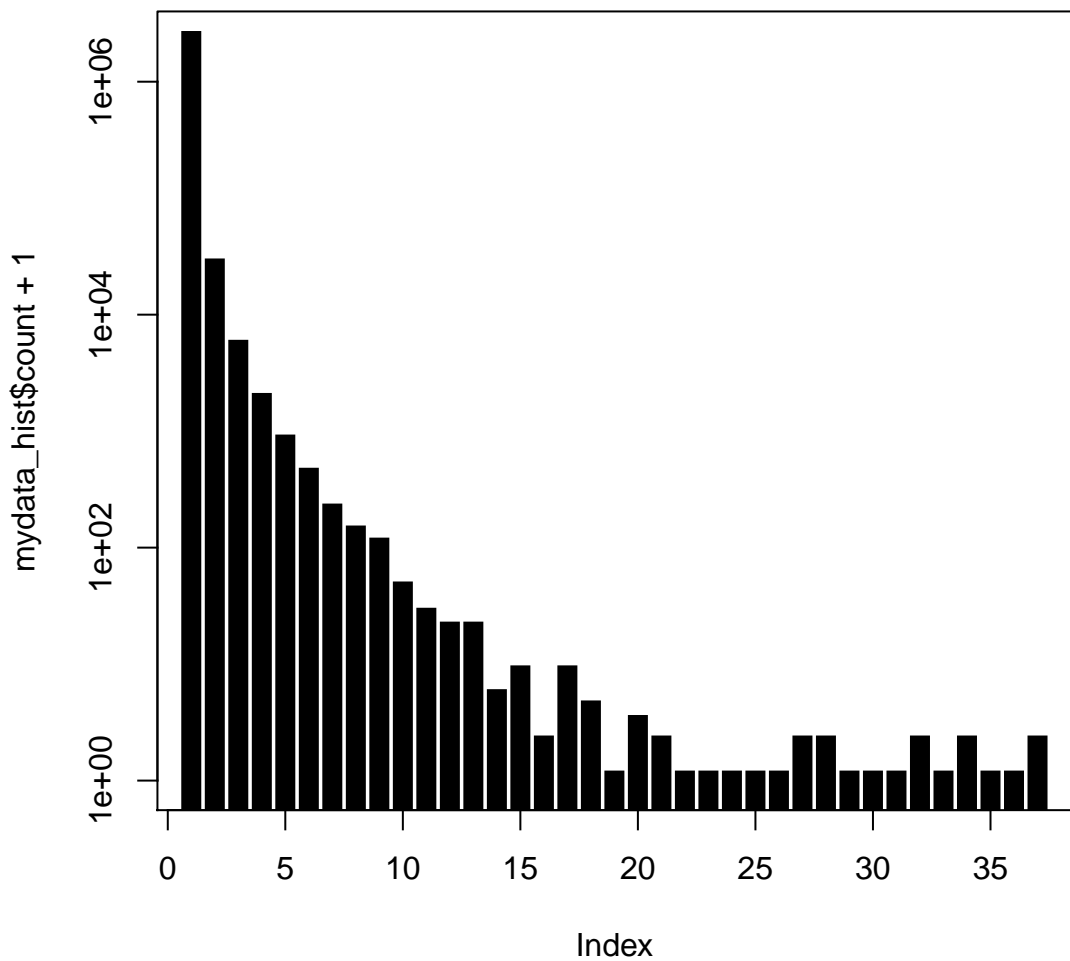


rawM_nozero_skewness[rawM_0zero_num > 50 & kstws

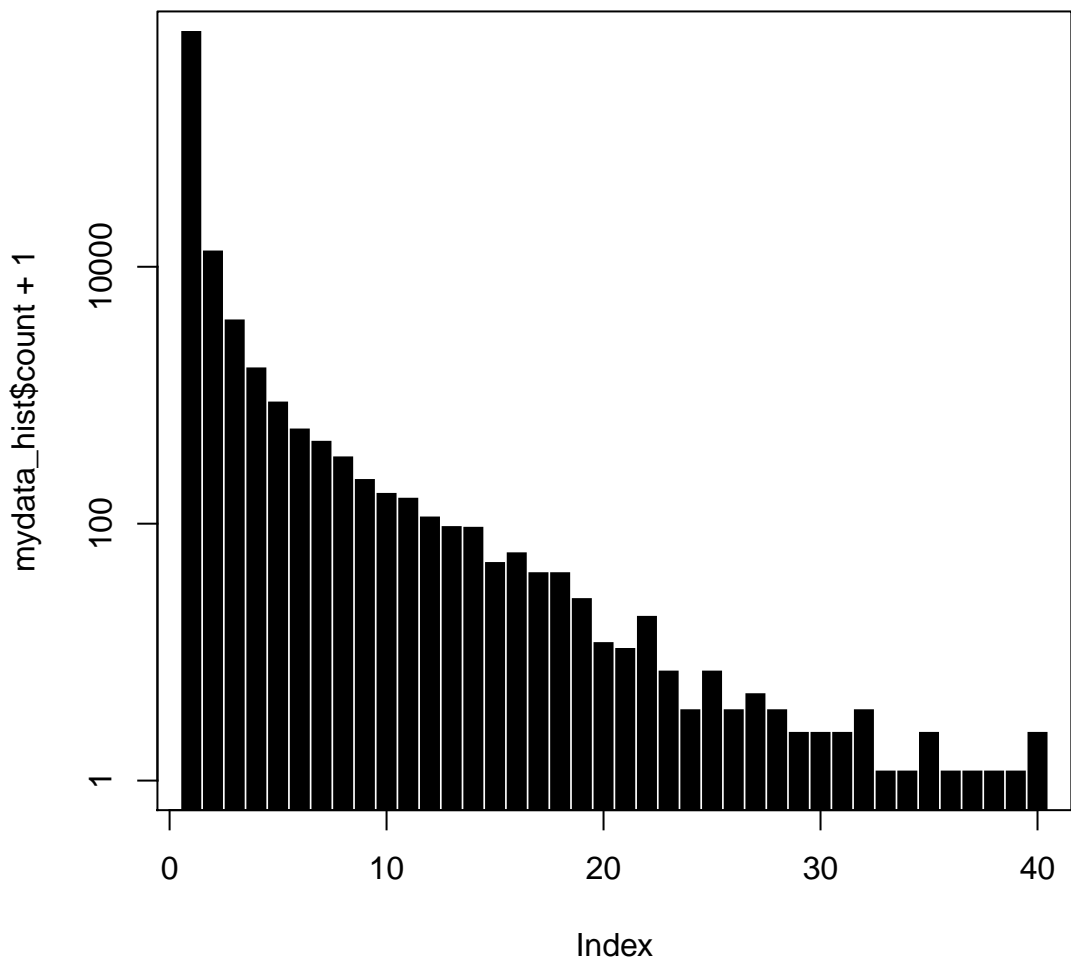
Histogram of rawM_nozero_max[rawM_0zero_num > 50 & kstwoside



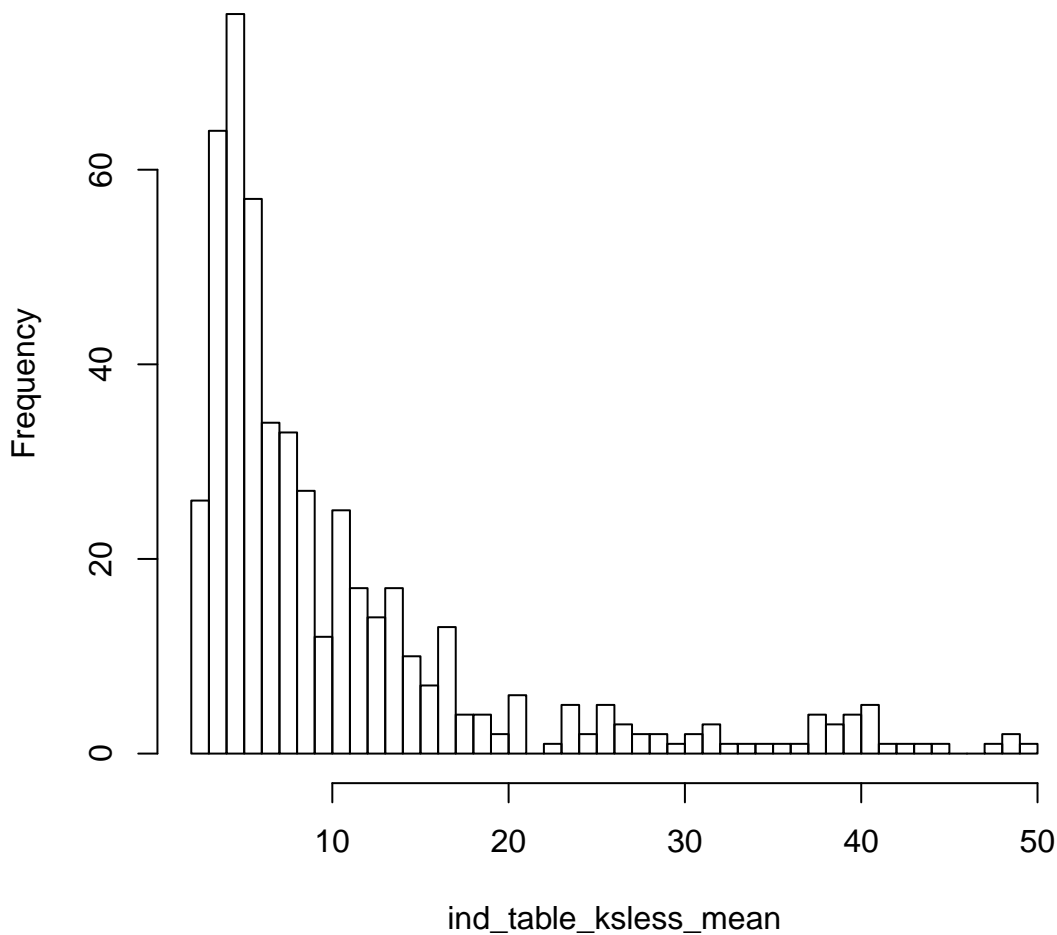
genes $\log(\text{expression} + 1)$ with least 50 cell expression and kstwosi



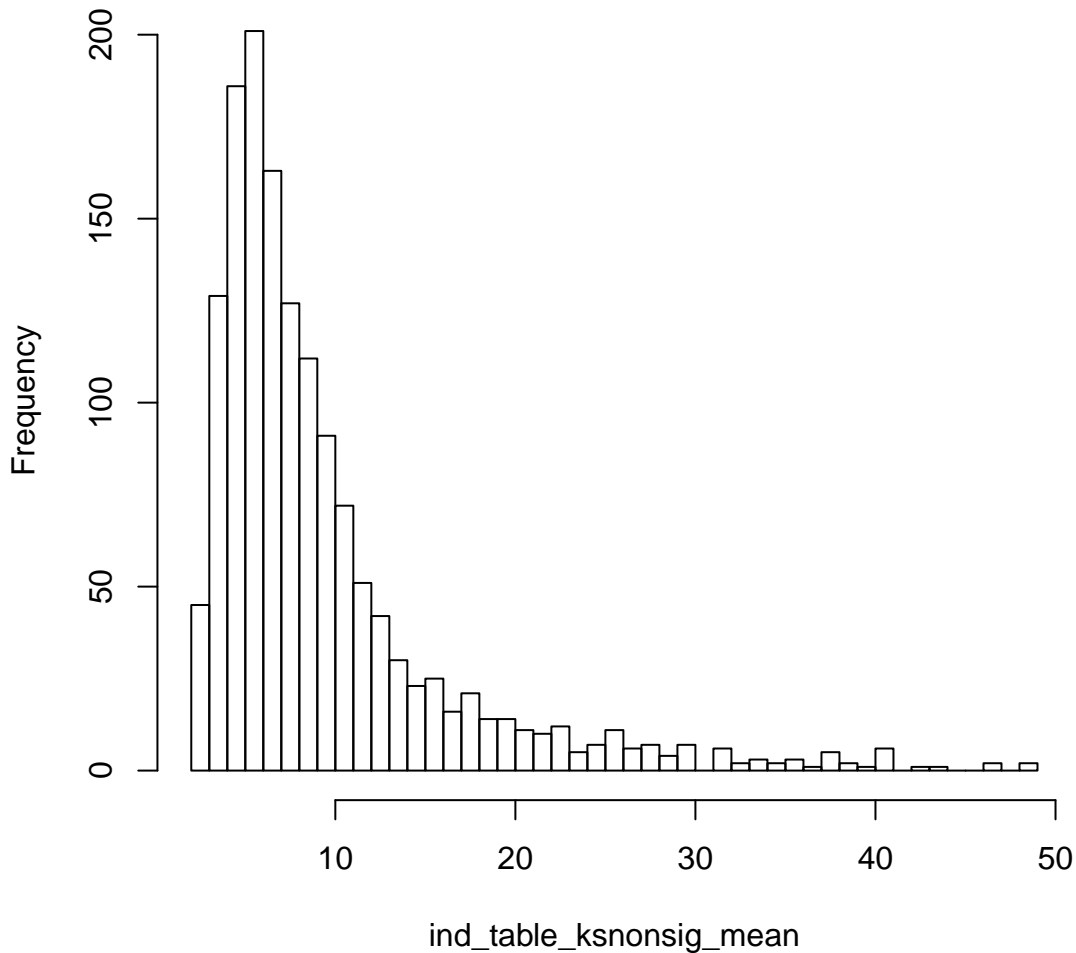
nes $\log(\text{expression} + 1)$ with least 50 cell expression and kstwo



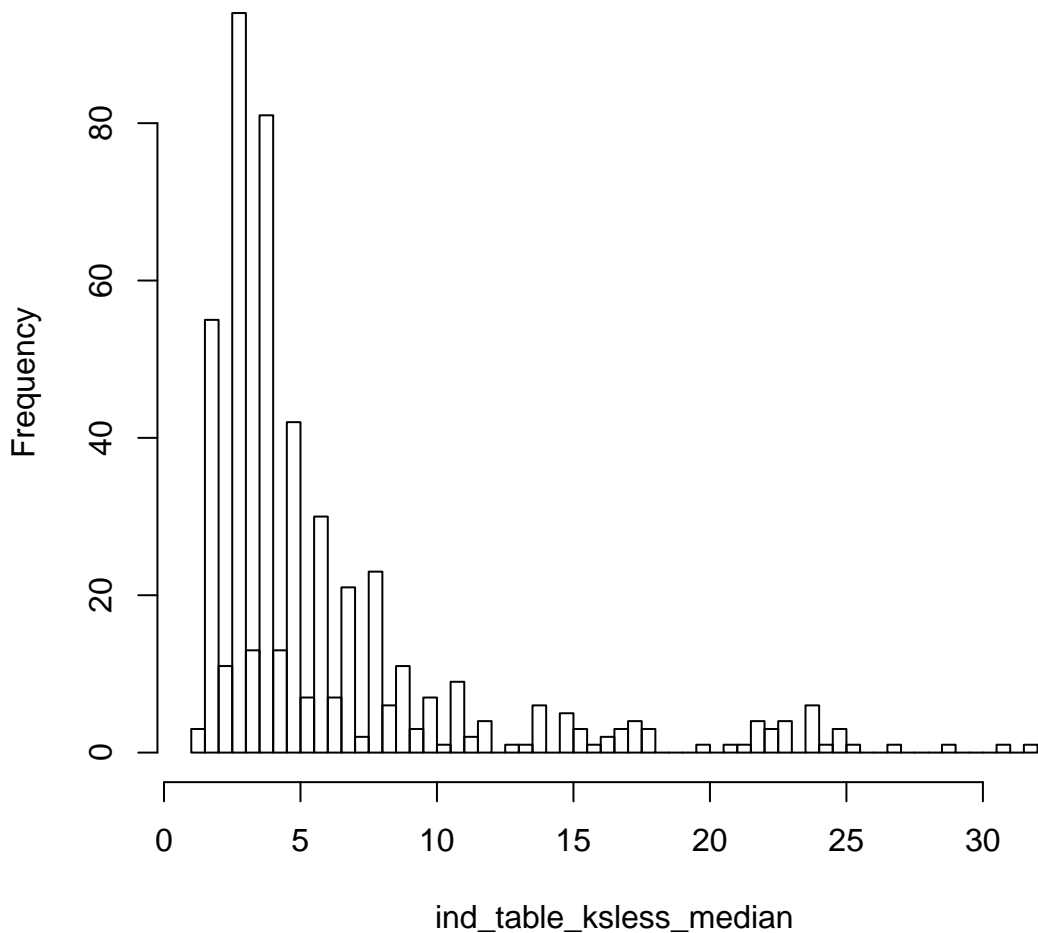
Histogram of ind_table_ksless_mean



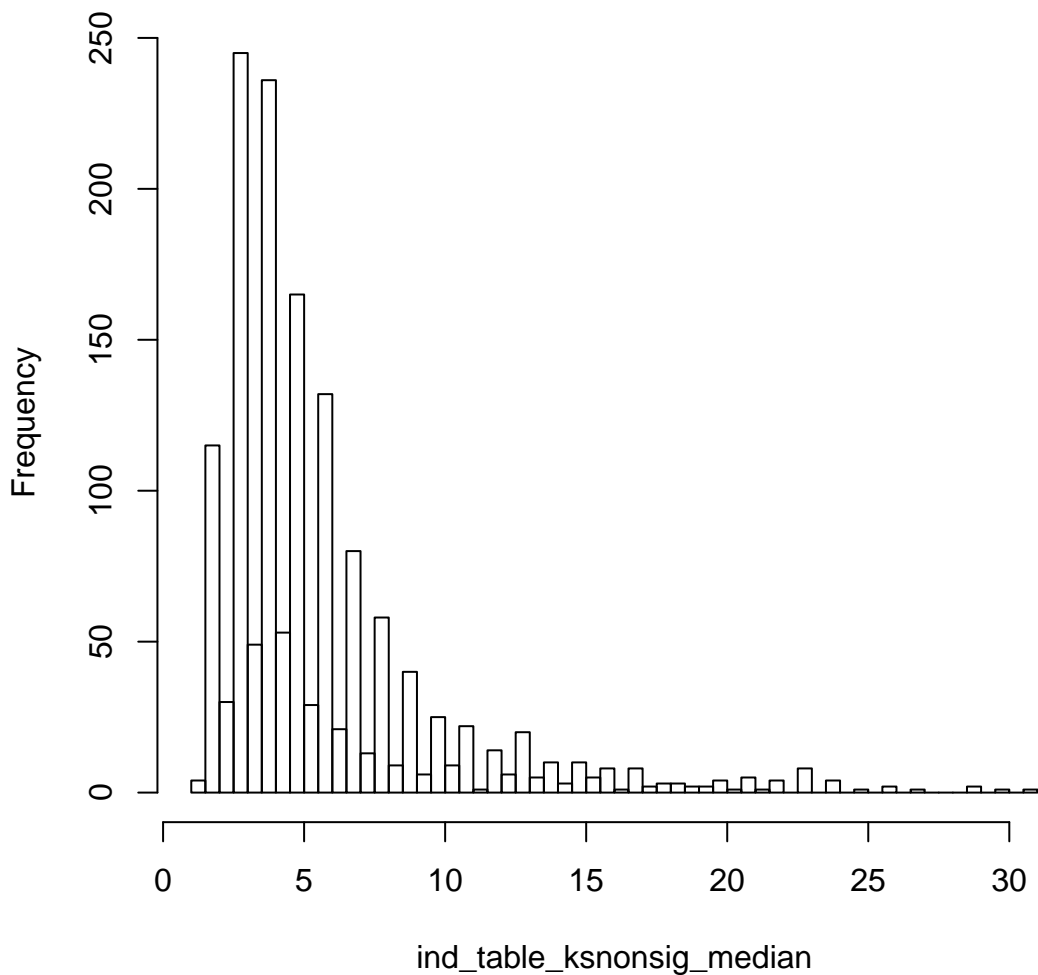
Histogram of ind_table_ksnonsig_mean



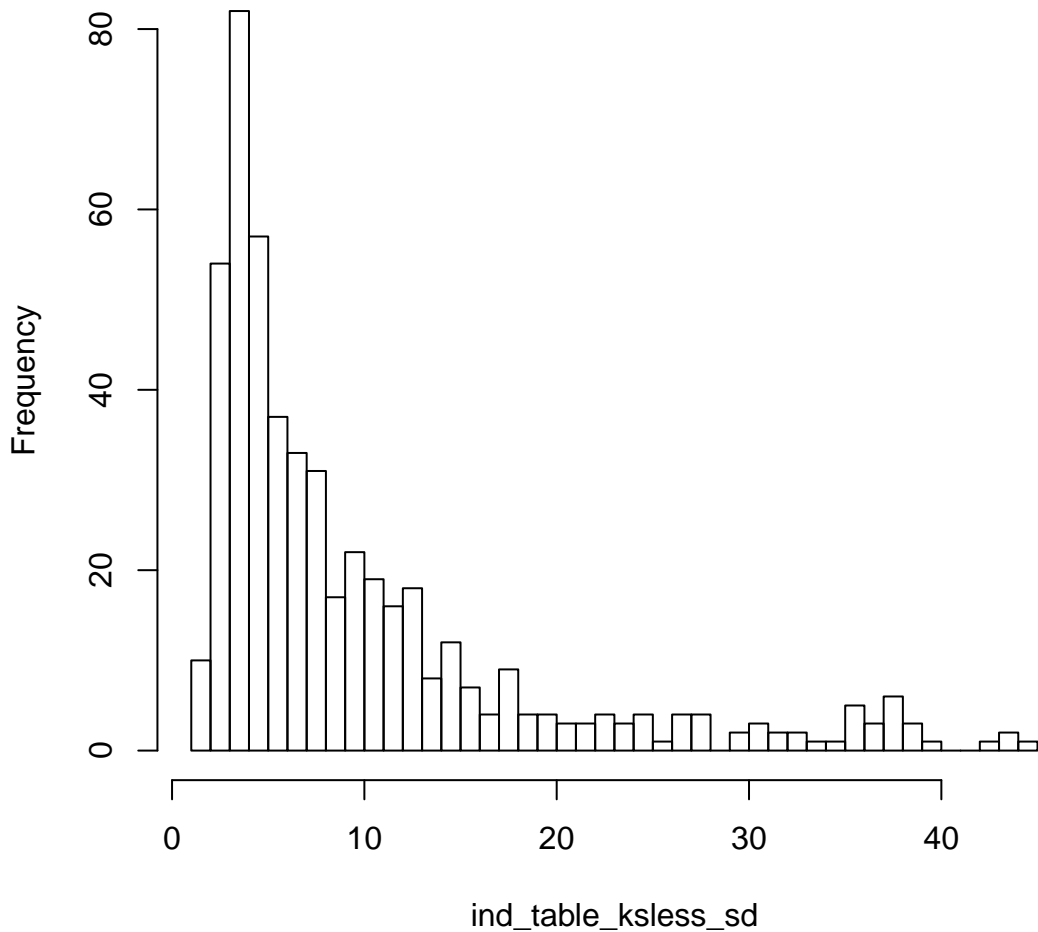
Histogram of ind_table_ksless_median



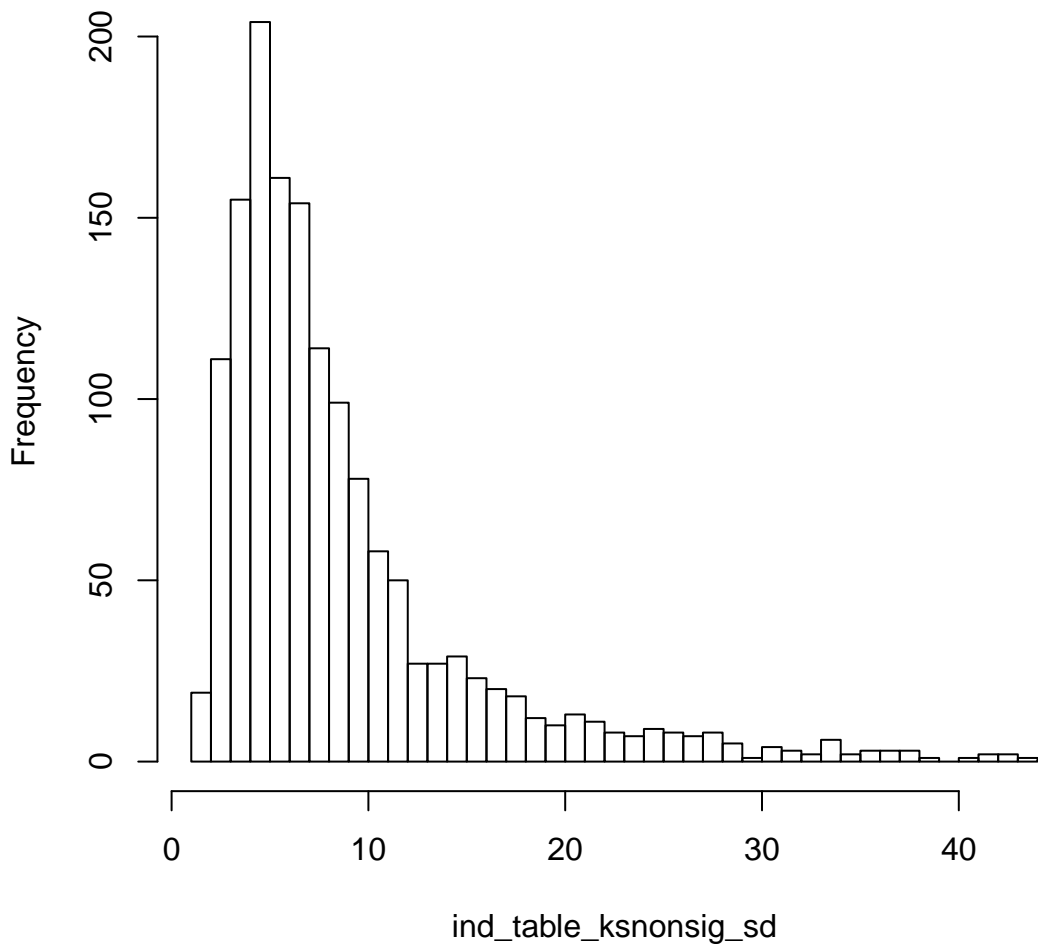
Histogram of ind_table_ksnonsig_median



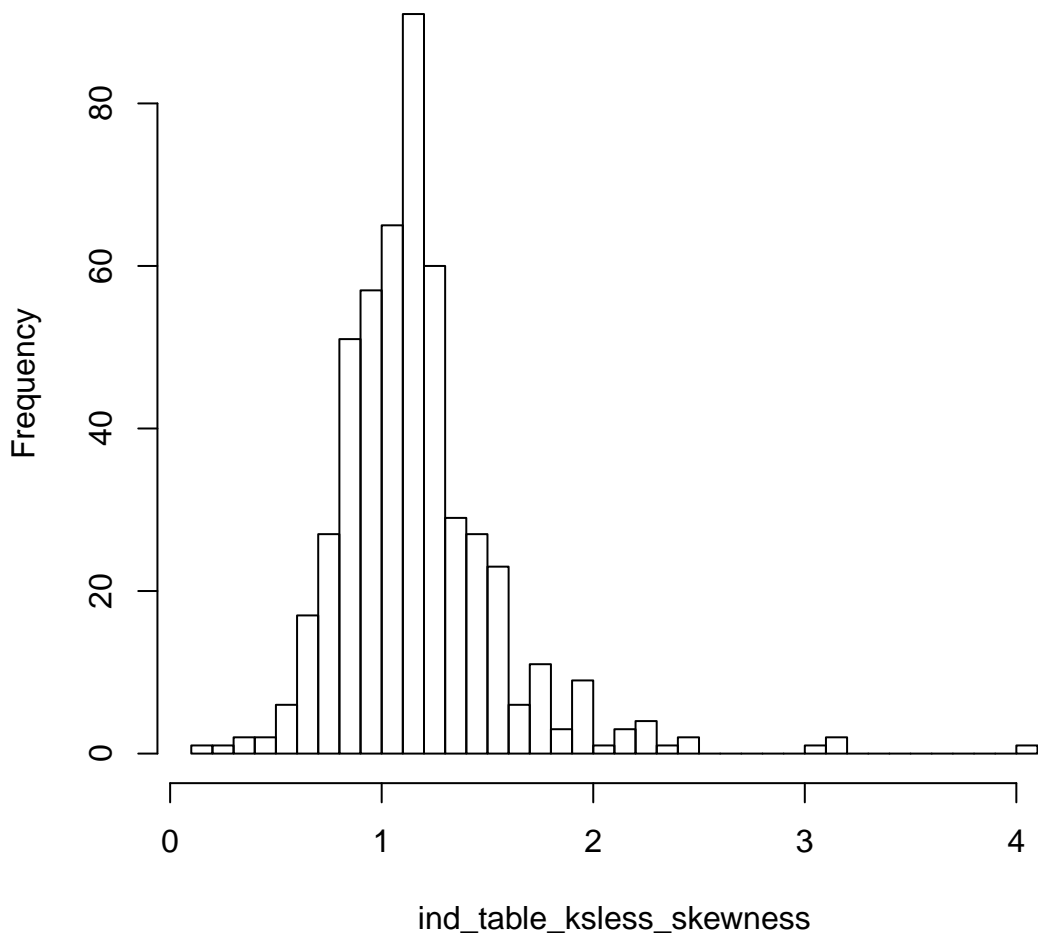
Histogram of ind_table_ksless_sd



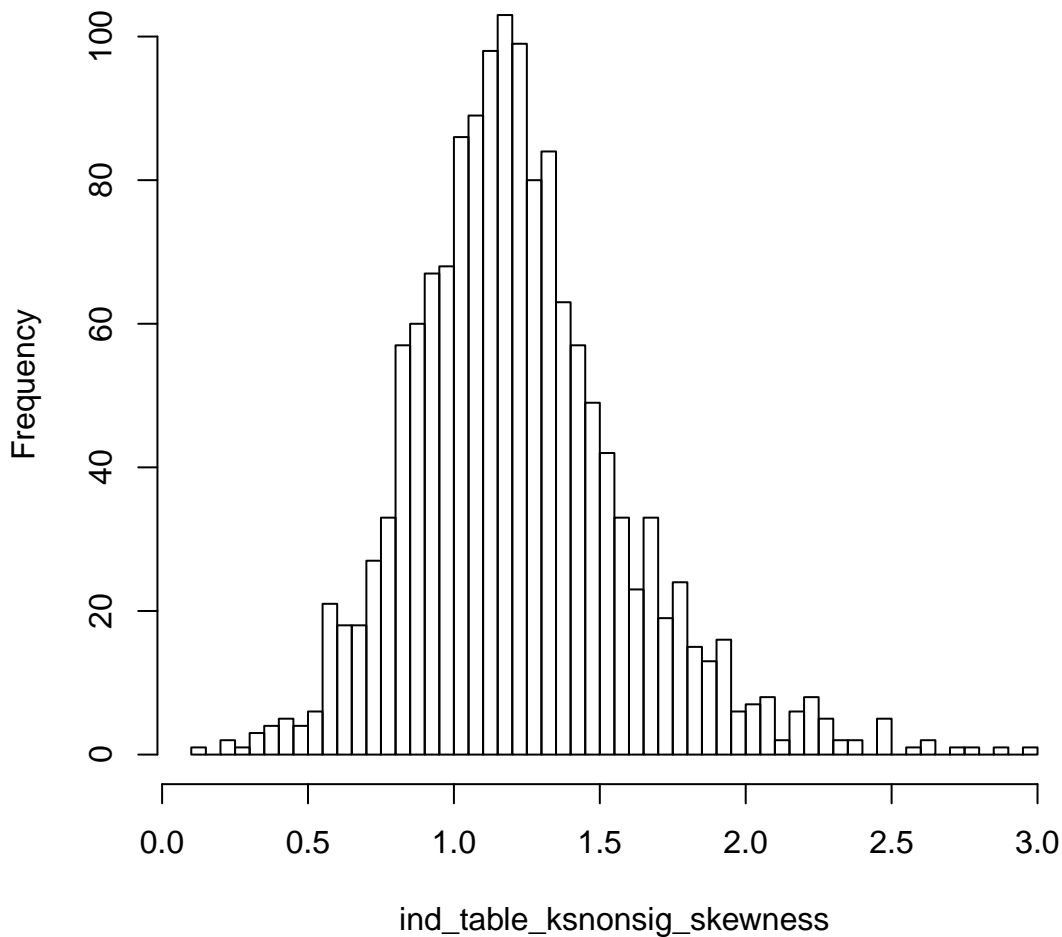
Histogram of ind_table_ksnonsig_sd



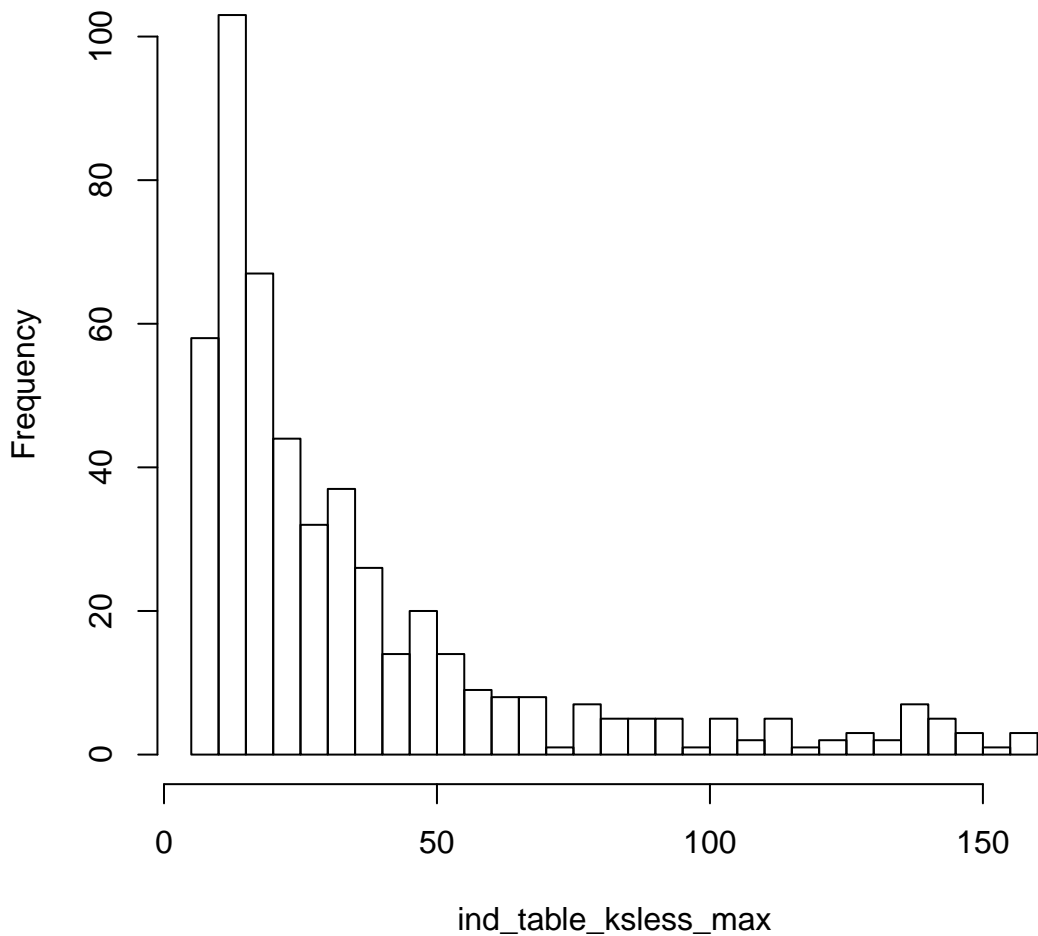
Histogram of ind_table_ksless_skewness



Histogram of ind_table_ksnonsig_skewness



Histogram of ind_table_ksless_max



Histogram of ind_table_ksnonsig_max

