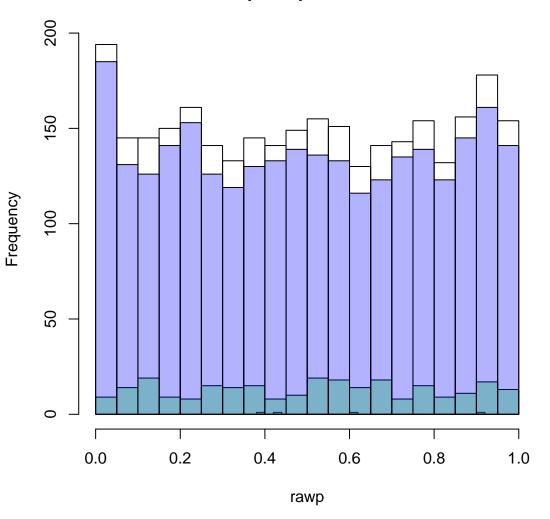
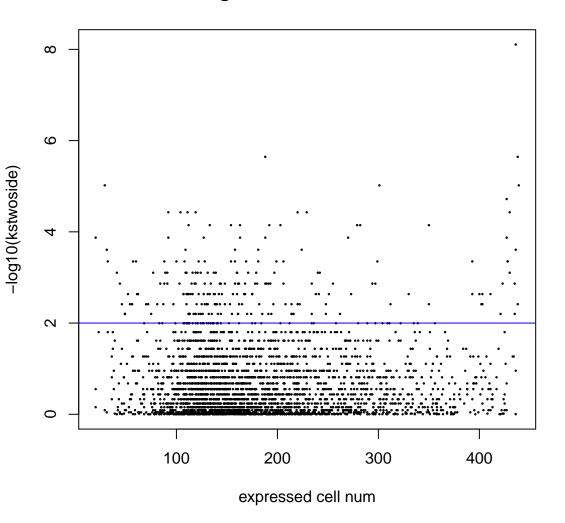


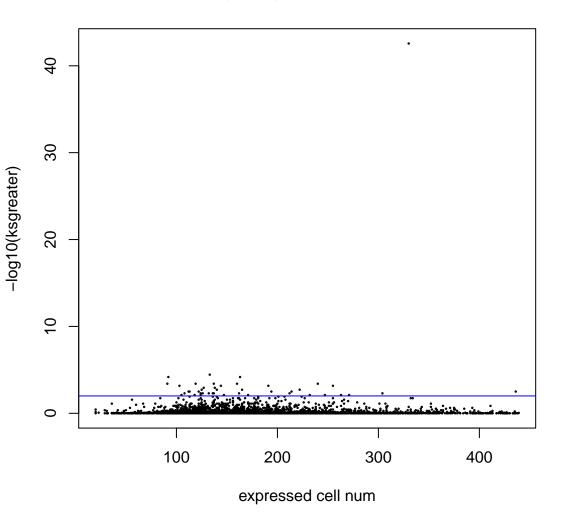
perm pvalues



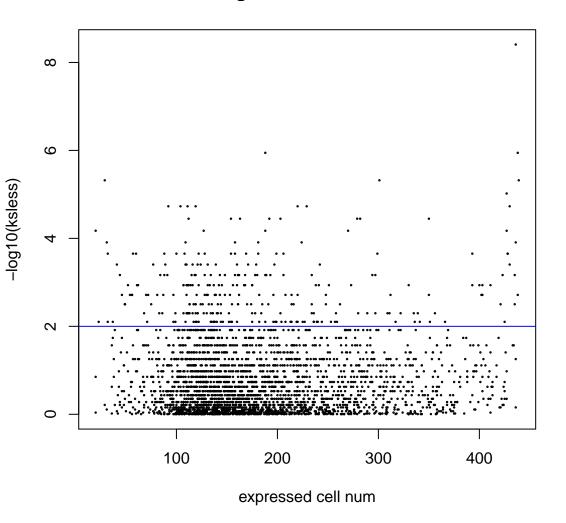
sig_KStwoside: 6.938%



sig_KSgreater: 1.434%

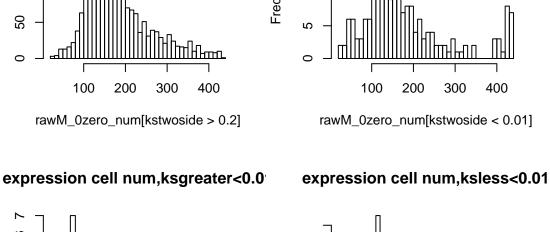


sig_KSless: 9.173%

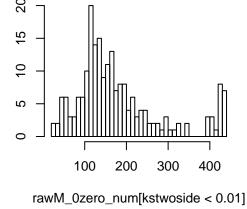


20 150 15 Frequency Frequency 100 9

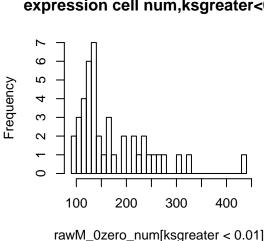
Frequency

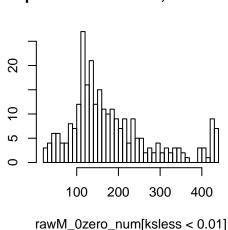


expression cell num,kstwoside>0.2

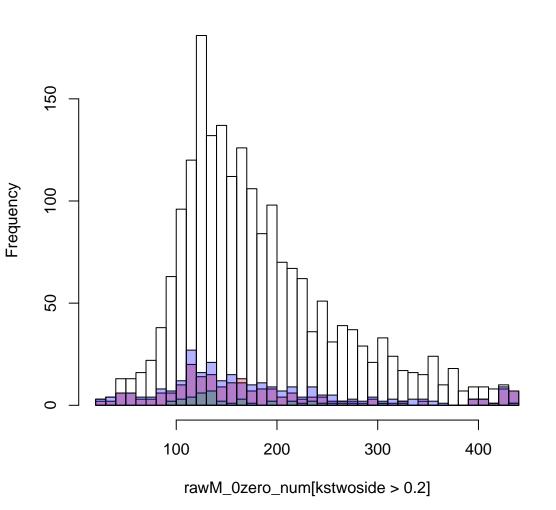


expression cell num,kstwoside<0.0

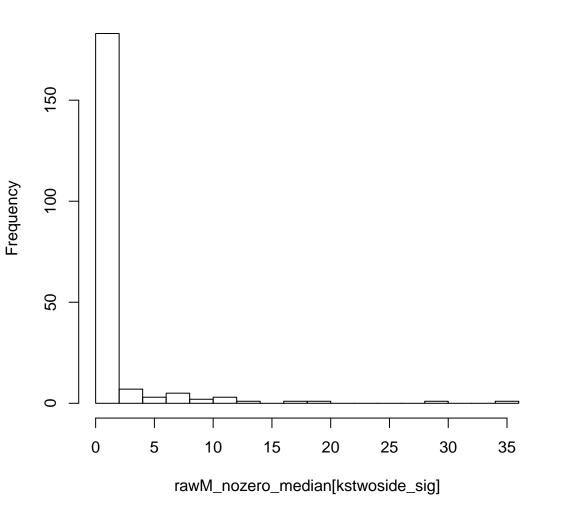




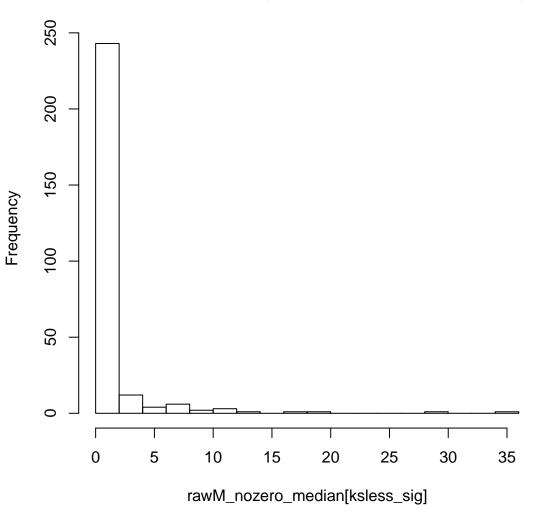
expression cell num



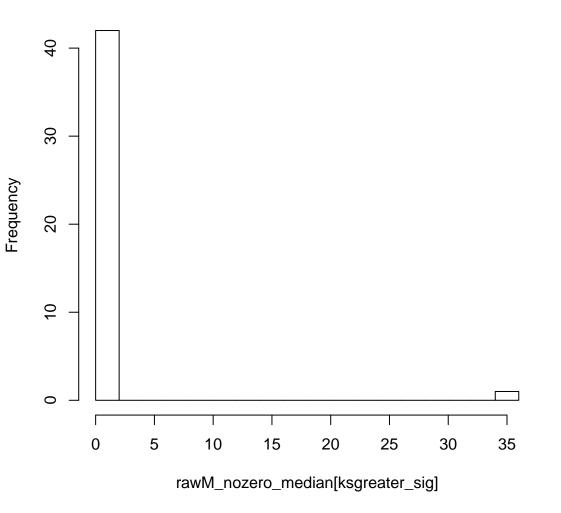
median of nozero log-expres of genes, kstwoside sig



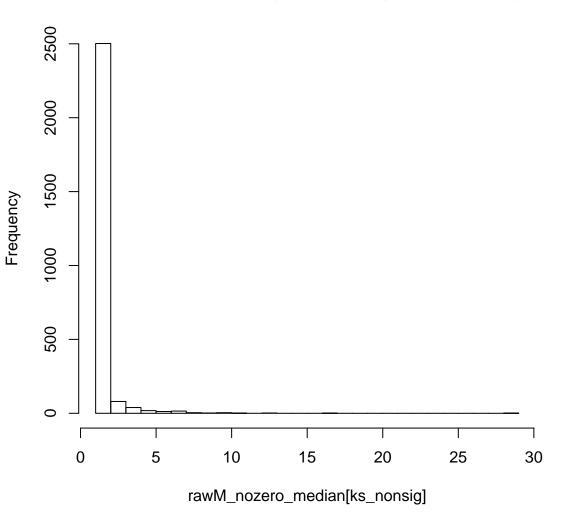
median of nozero log-expres of genes, ksless sig



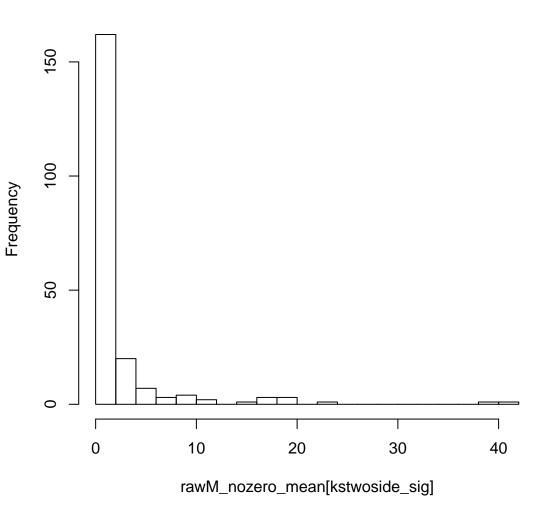
median of nozero log-expres of genes,ksgreater sig



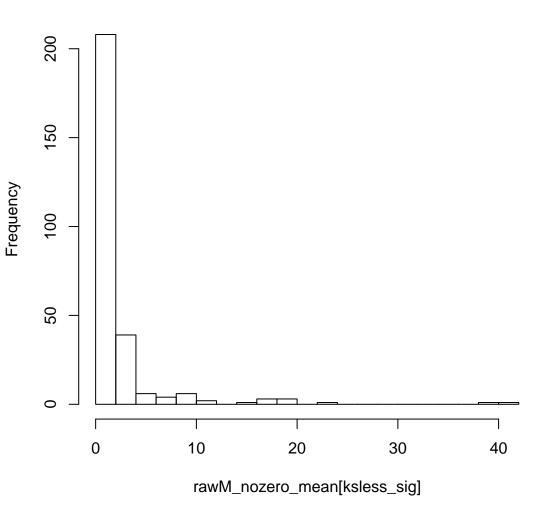
median of nozero log-expres of genes,ks no sig



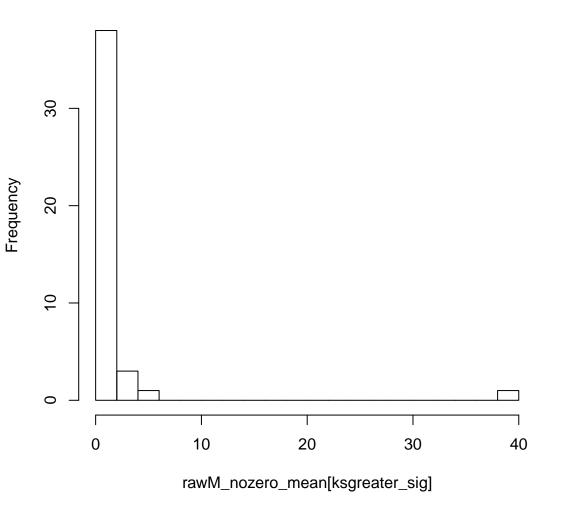
mean of nozero log-expres of genes, kstwoside sig



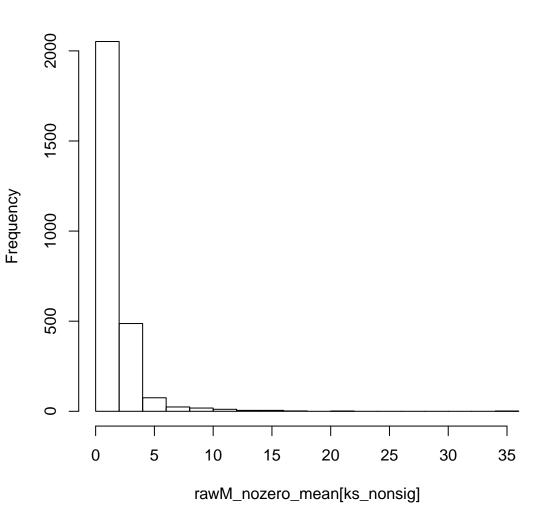
mean of nozero log-expres of genes, ksless sig



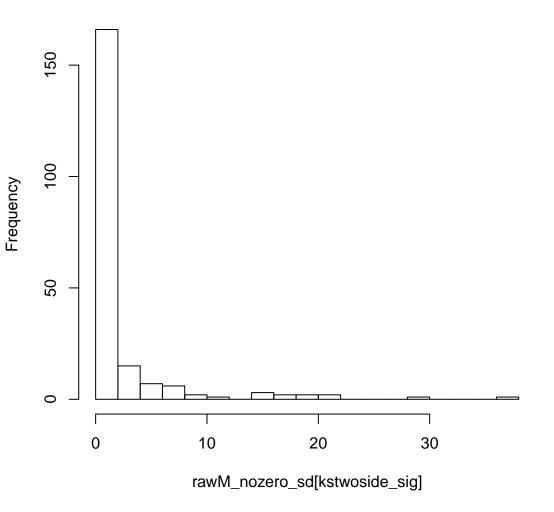
mean of nozero log-expres of genes,ksgreater sig



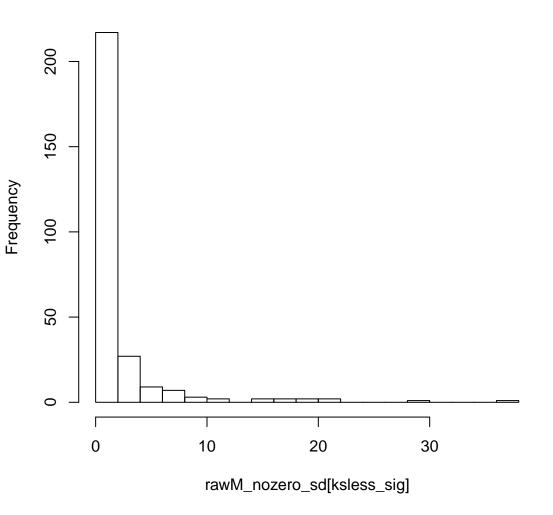
mean of nozero log-expres of genes,ks no sig



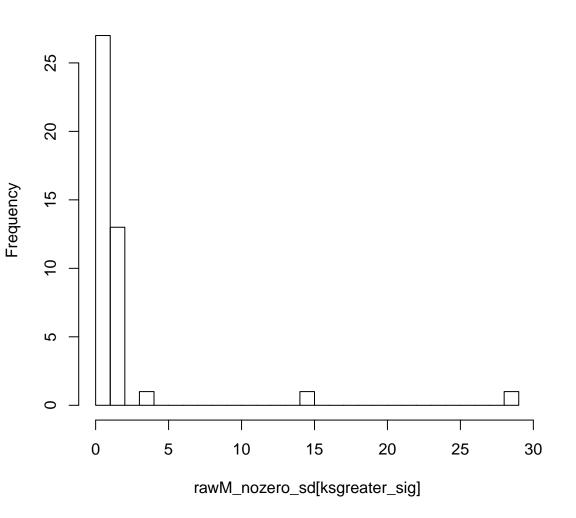
sd of nozero log-expres of genes, kstwoside sig



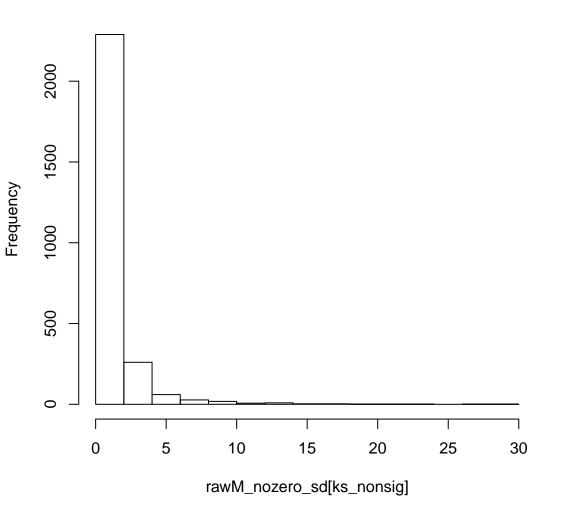
sd of nozero log-expres of genes, ksless sig



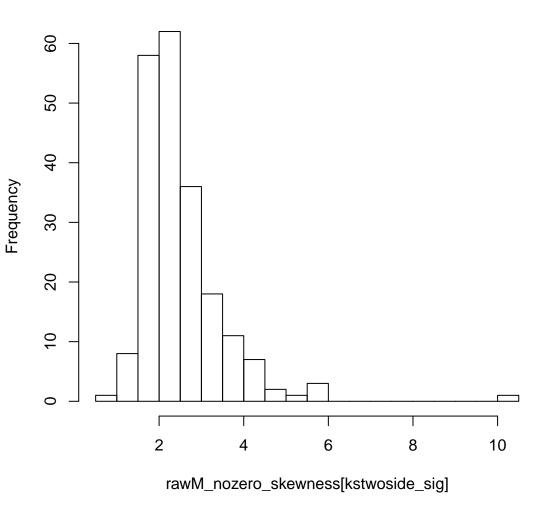
sd of nozero log-expres of genes,ksgreater sig



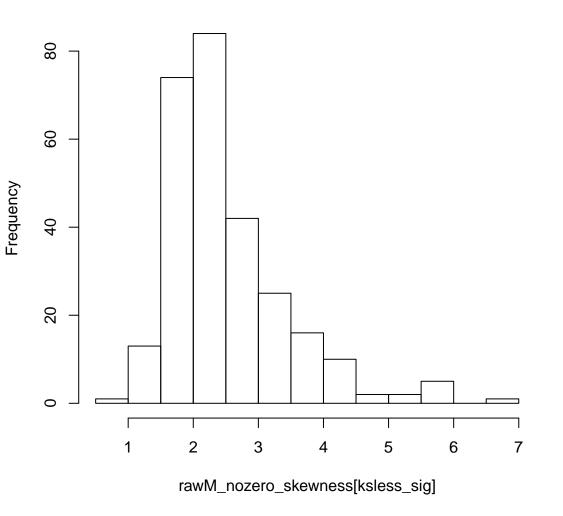
sd of nozero log-expres of genes,ks no sig



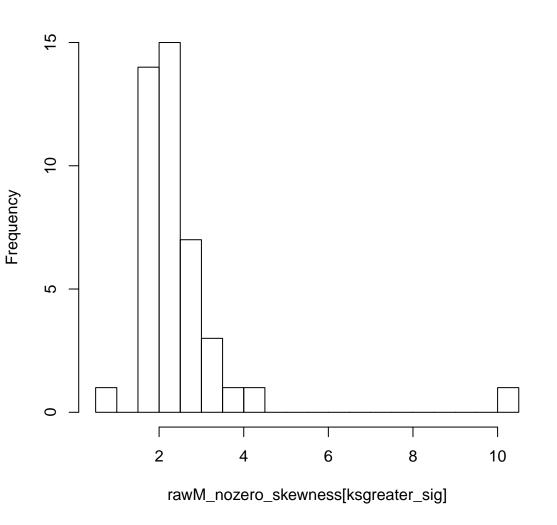
skewness of nozero log-expres of genes, kstwoside sig



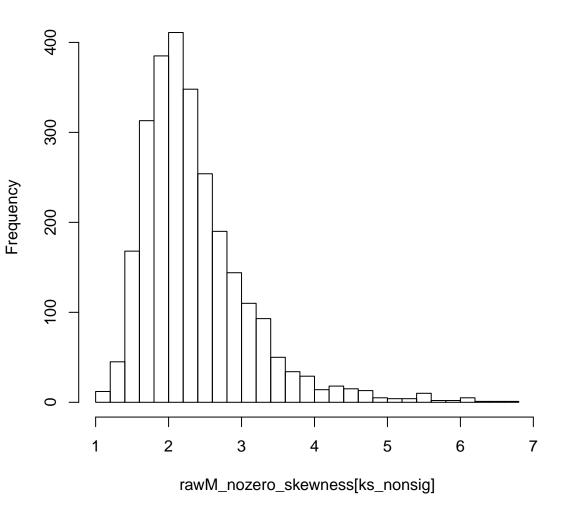
skewness of nozero log-expres of genes, ksless sig



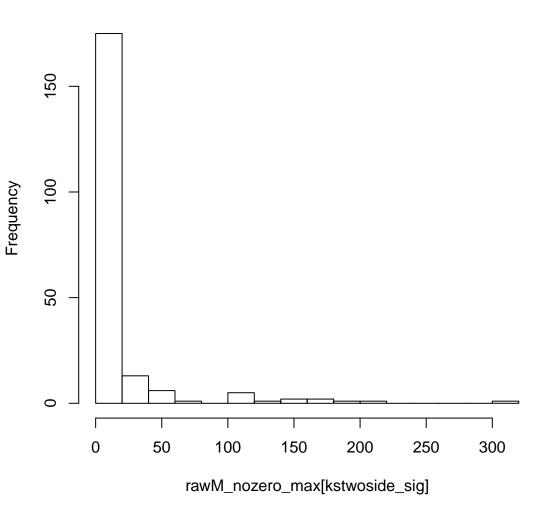
skewness of nozero log-expres of genes,ksgreater sig



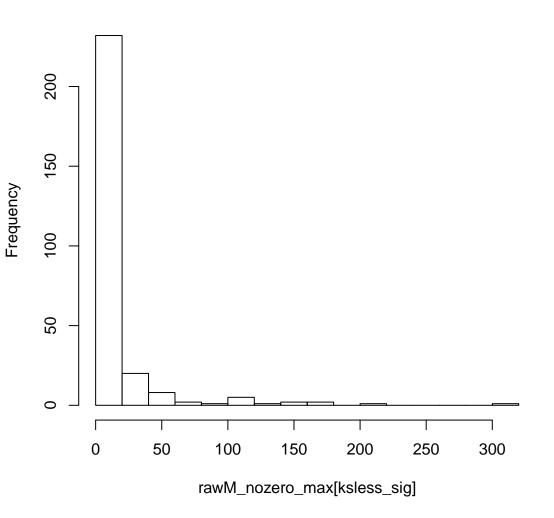
skewness of nozero log-expres of genes,ks no sig



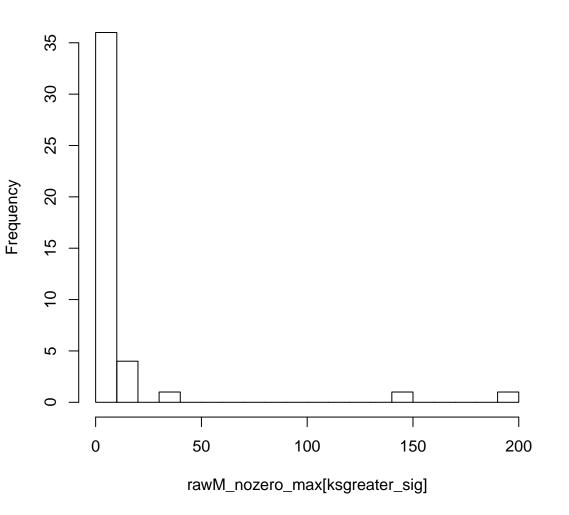
max of nozero log-expres of genes, kstwoside sig



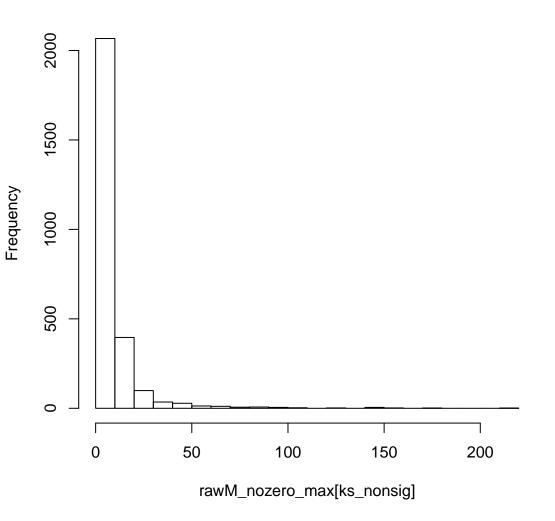
max of nozero log-expres of genes, ksless sig



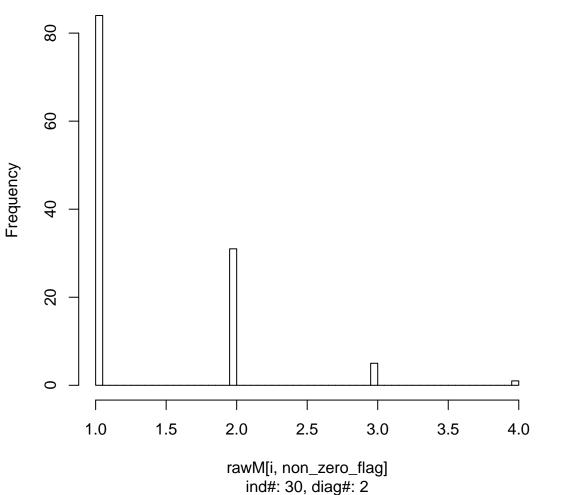
max of nozero log-expres of genes,ksgreater sig



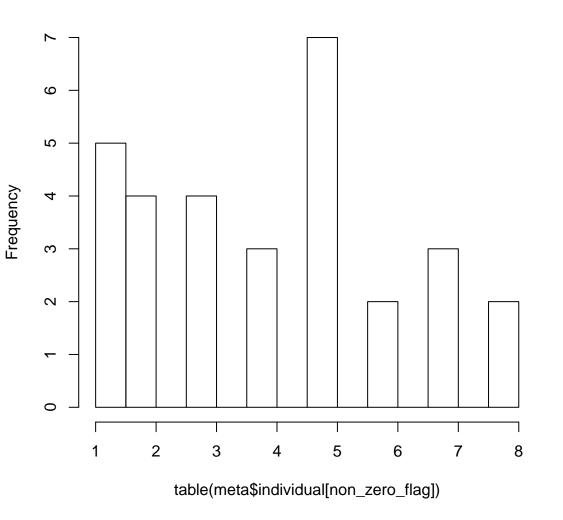
max of nozero log-expres of genes,ks no sig



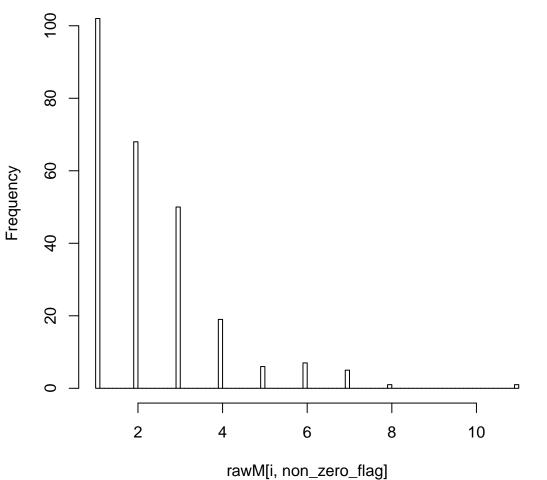
less sig: log expression of gene#15, pval ob=0.3522, non-zero nu



KSless sig: individual expression cell count of gene#15

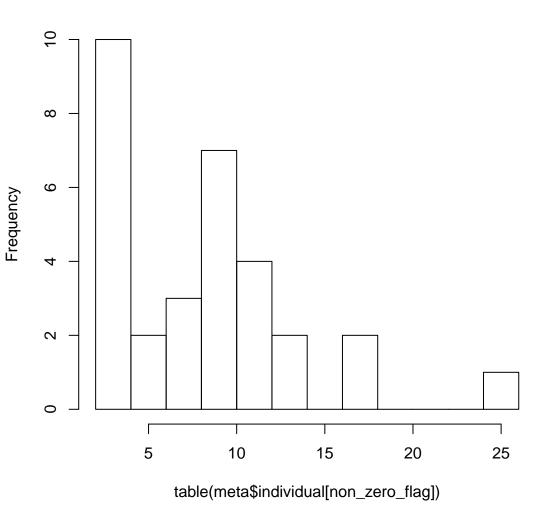


less sig: log expression of gene#16, pval ob=0.2021, non-zero nu

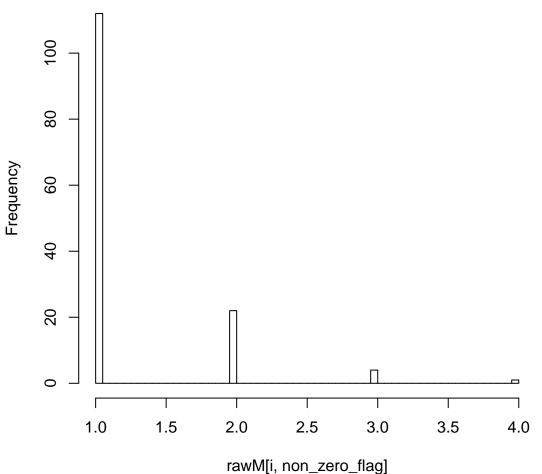


ind#: 31, diag#: 2

KSless sig: individual expression cell count of gene#16

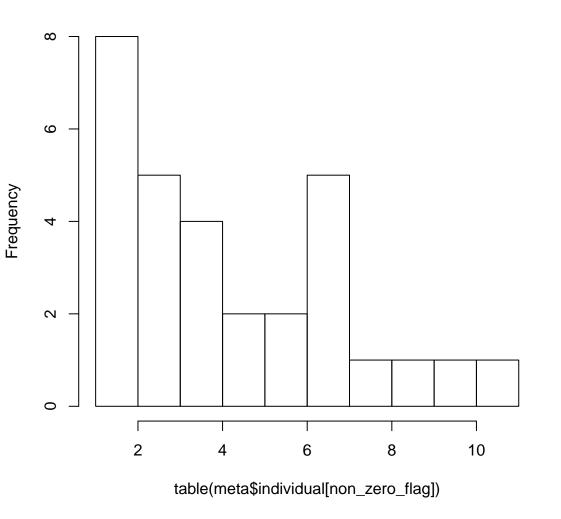


less sig: log expression of gene#25, pval ob=0.8465, non-zero nu

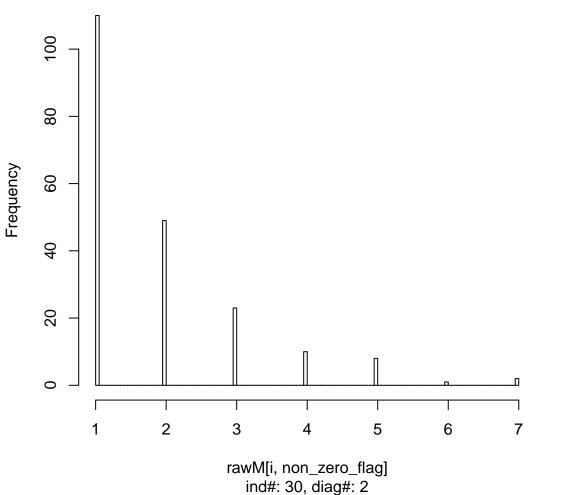


ind#: 30, diag#: 2

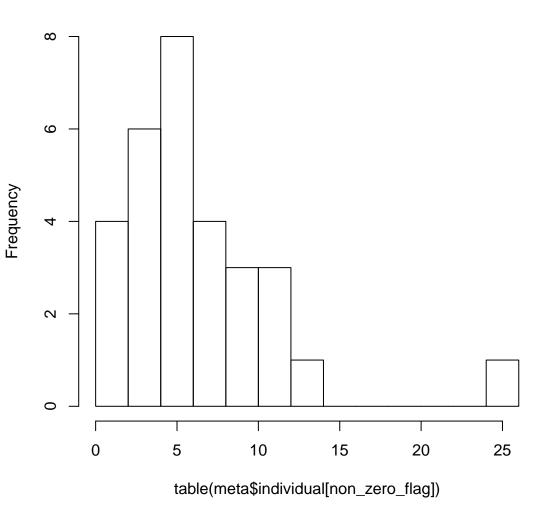
KSless sig: individual expression cell count of gene#25



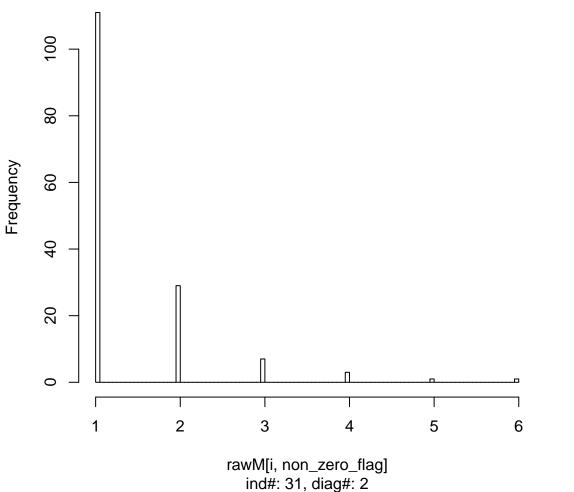
less sig: log expression of gene#28, pval ob=0.3852, non-zero nu

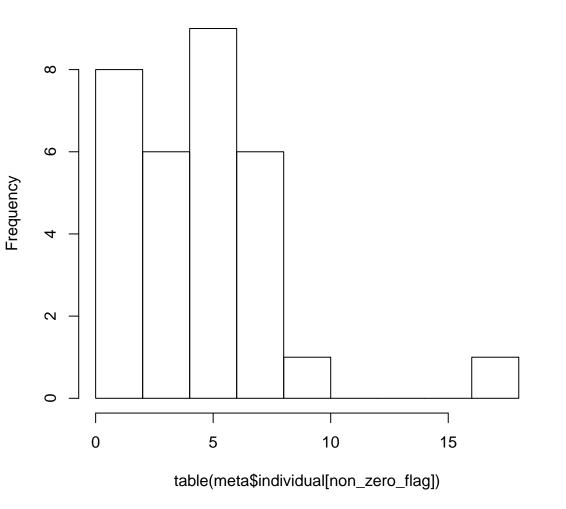


KSless sig: individual expression cell count of gene#28

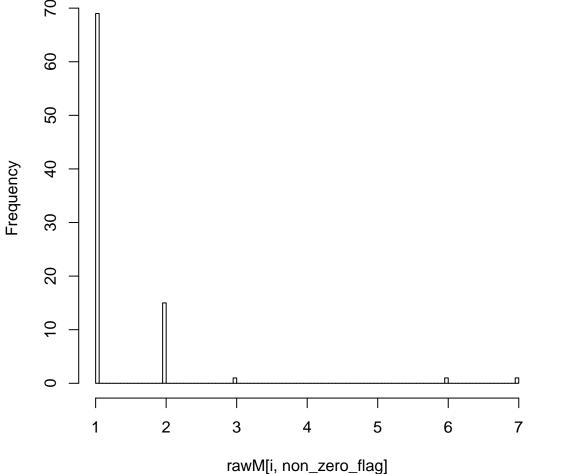


less sig: log expression of gene#47, pval ob=0.5429, non-zero nι

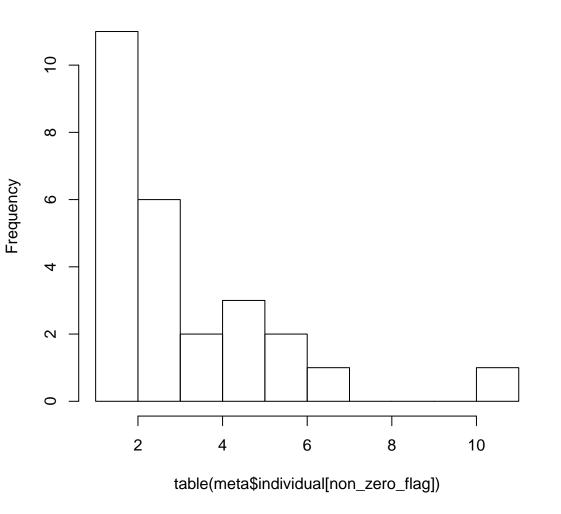




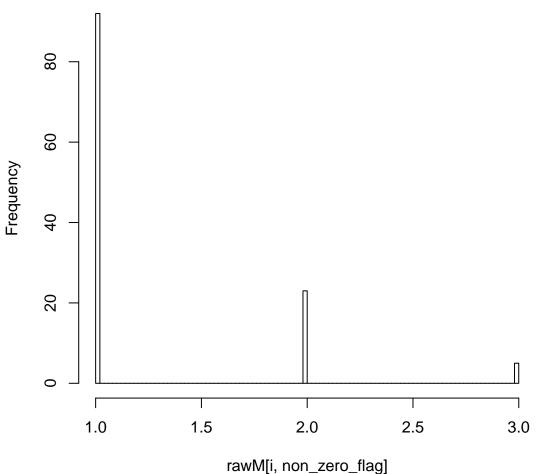
Sless sig: log expression of gene#53, pval ob=0.018, non-zero nu



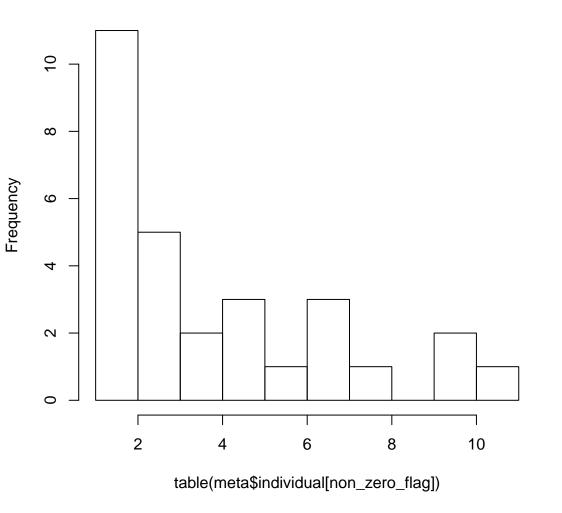
ind#: 26, diag#: 2



less sig: log expression of gene#70, pval ob=0.0014, non-zero nu

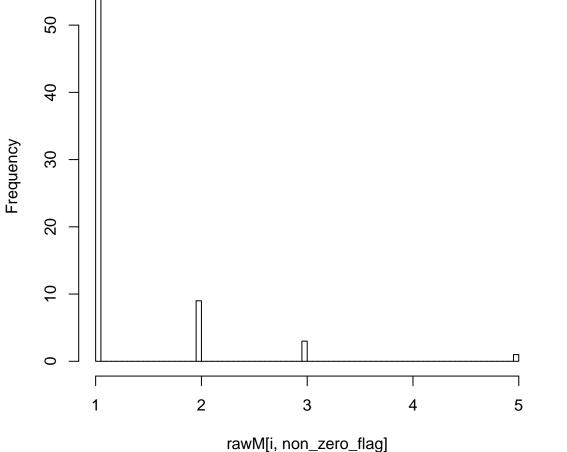


ind#: 29, diag#: 2

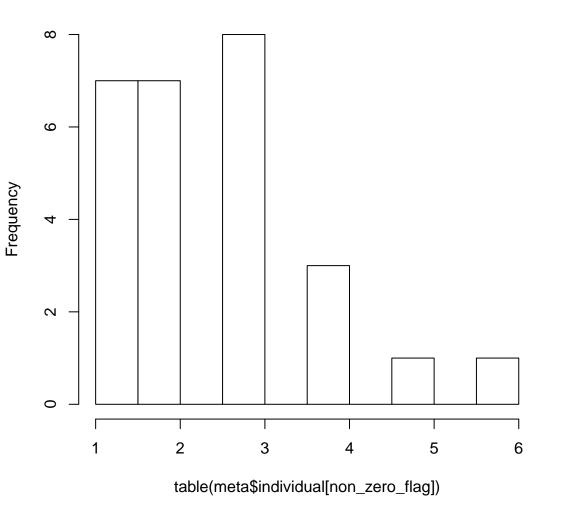


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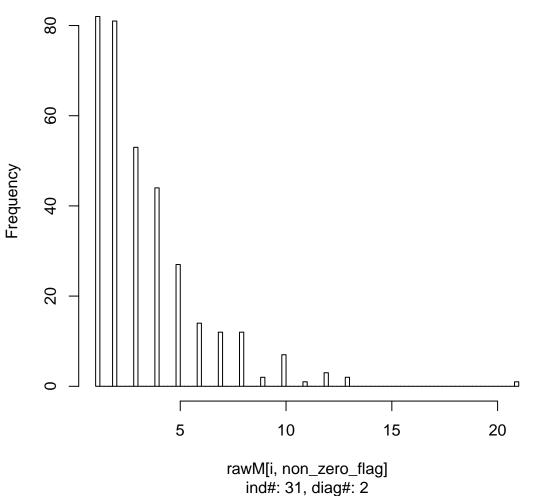
Sless sig: log expression of gene#83, pval ob=0.8131, non-zero n

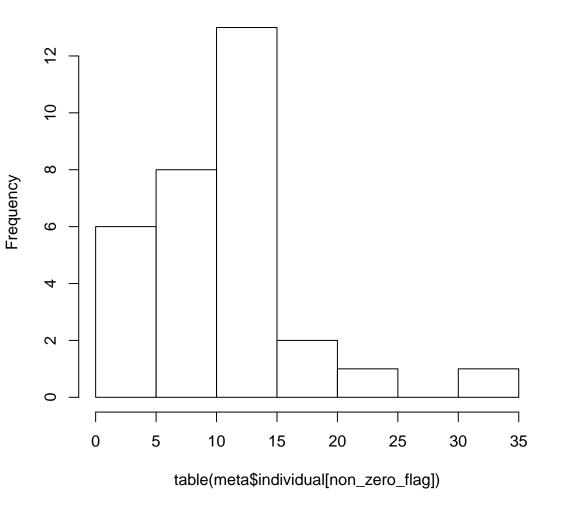


ind#: 27, diag#: 2

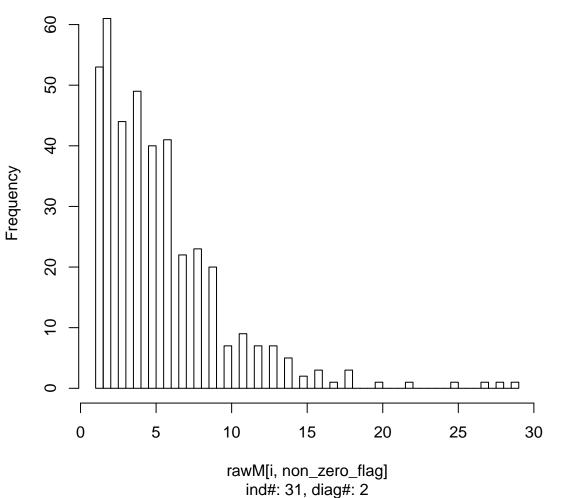


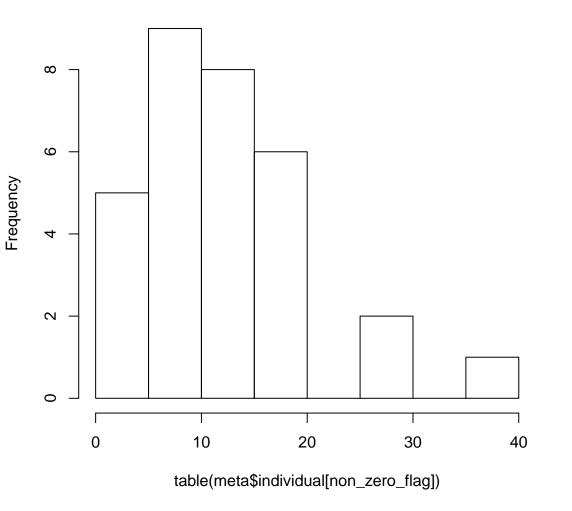
less sig: log expression of gene#85, pval ob=0.0793, non-zero nu



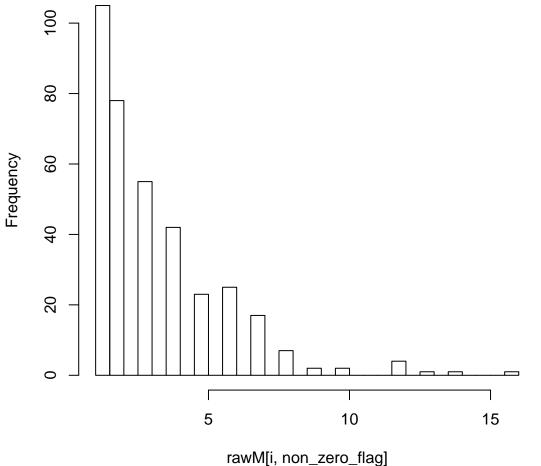


less sig: log expression of gene#99, pval ob=0.1446, non-zero nu

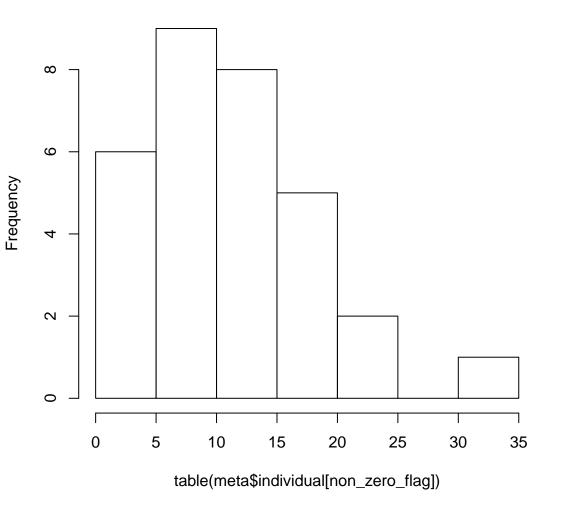




S nonsig: log expression of gene#1, pval ob=0.3891, non-zero nu

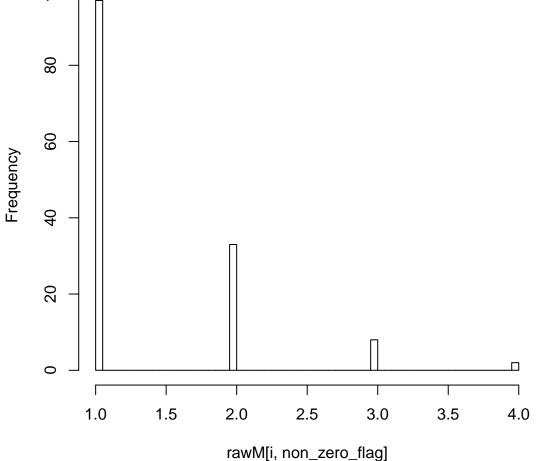


ind#: 31, diag#: 2

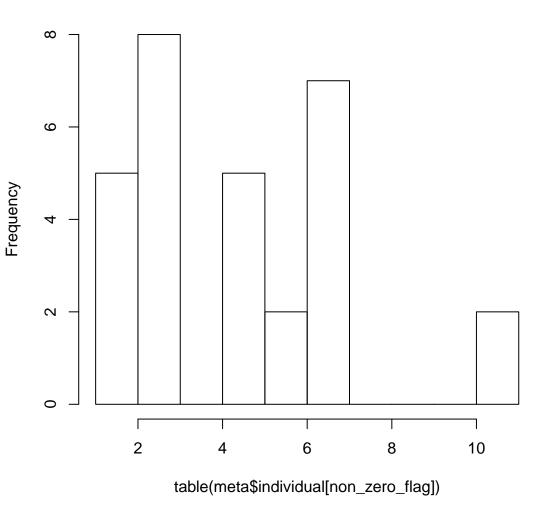


7

S nonsig: log expression of gene#2, pval ob=0.2846, non-zero nu

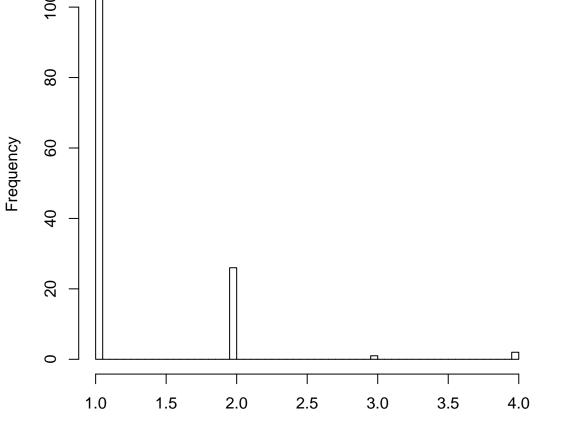


ind#: 29, diag#: 2

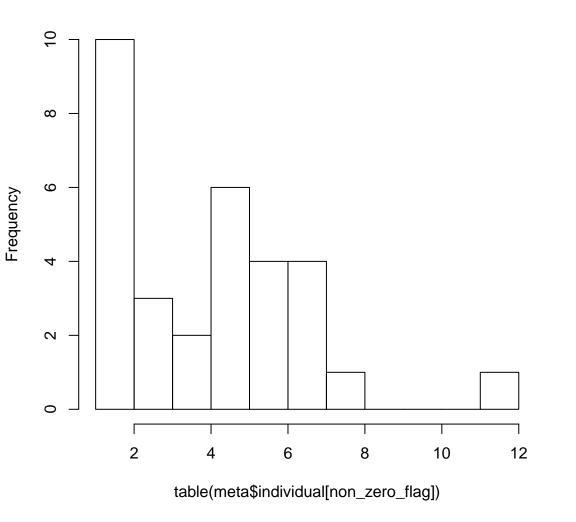


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S nonsig: log expression of gene#3, pval ob=0.3326, non-zero nu

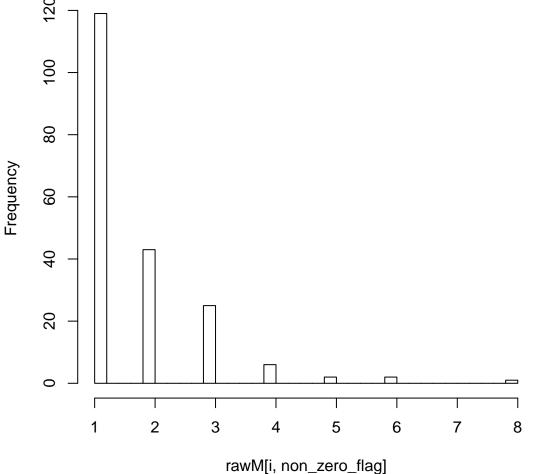


rawM[i, non_zero_flag] ind#: 31, diag#: 2

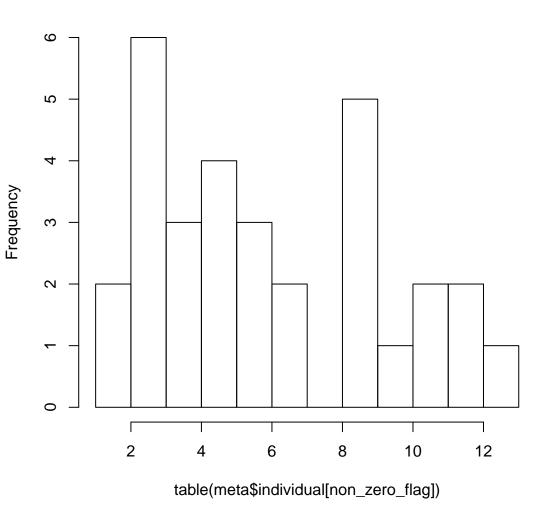


7 7 7

S nonsig: log expression of gene#4, pval ob=0.3607, non-zero nu



พท[เ, ทิงก_2ero_และ ind#: 31, diag#: 2



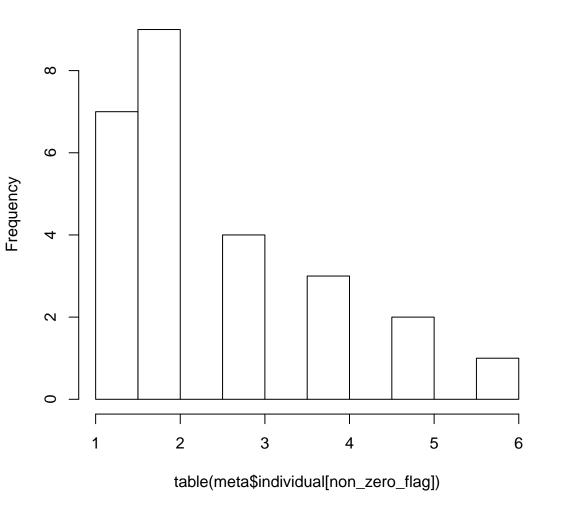
9 50 Frequency 30 20

2.5

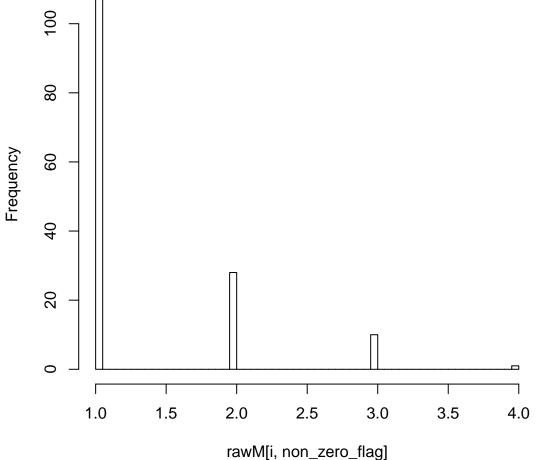
3.0

S nonsig: log expression of gene#5, pval ob=0.4555, non-zero nu

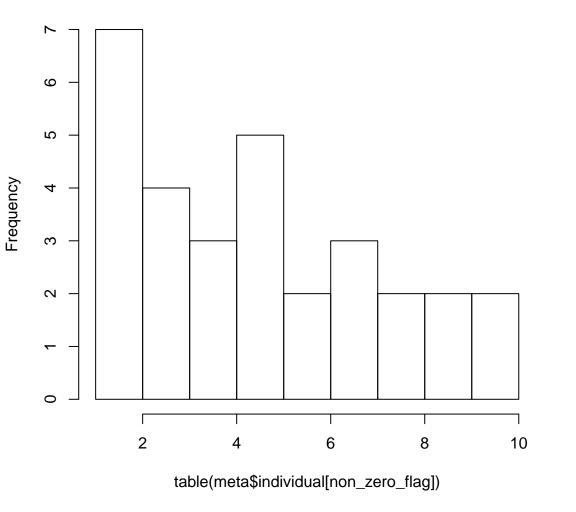
1.0 1.5 2.0 rawM[i, non_zero_flag] ind#: 26, diag#: 2



S nonsig: log expression of gene#6, pval ob=0.8226, non-zero nu

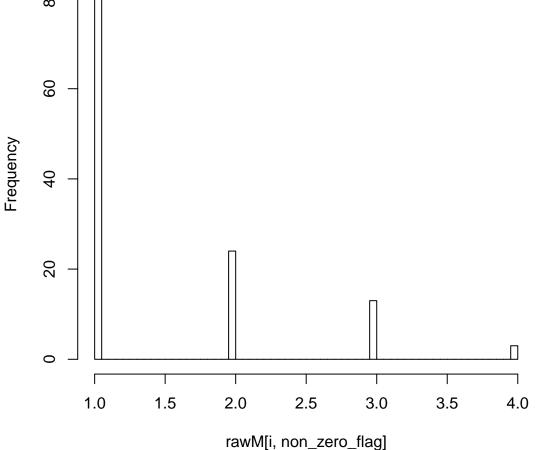


ind#: 30, diag#: 2

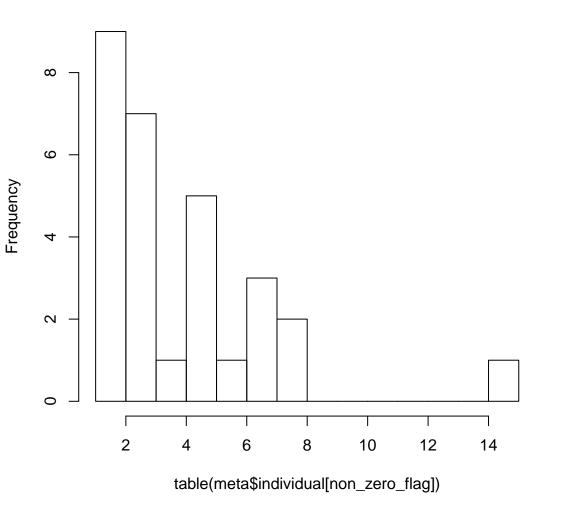


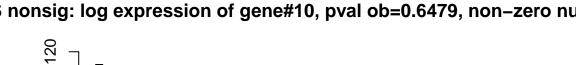
& ¬ ∏

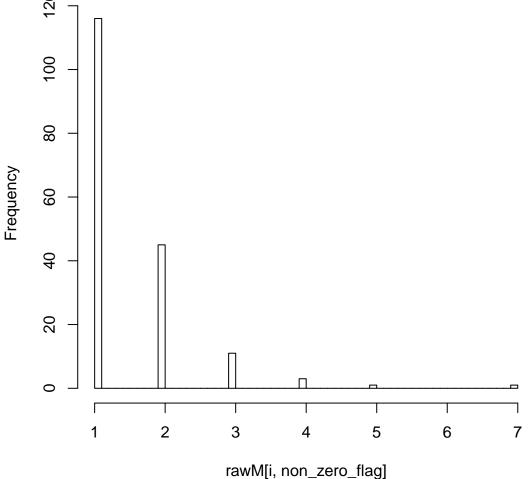
S nonsig: log expression of gene#9, pval ob=0.7589, non-zero nu



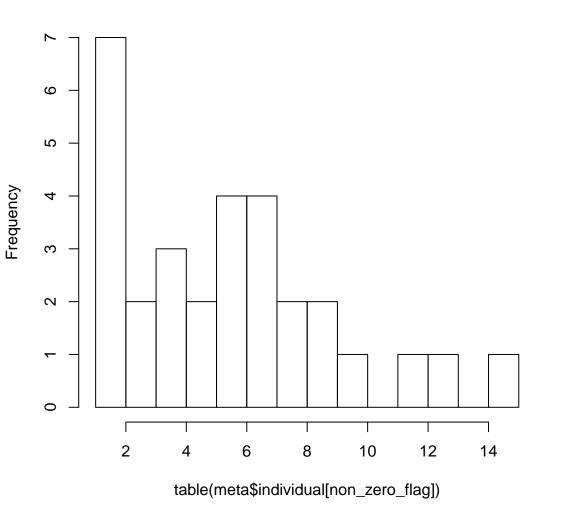
ind#: 29, diag#: 2



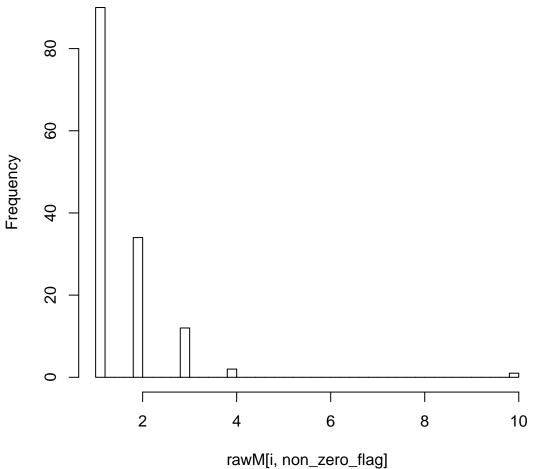




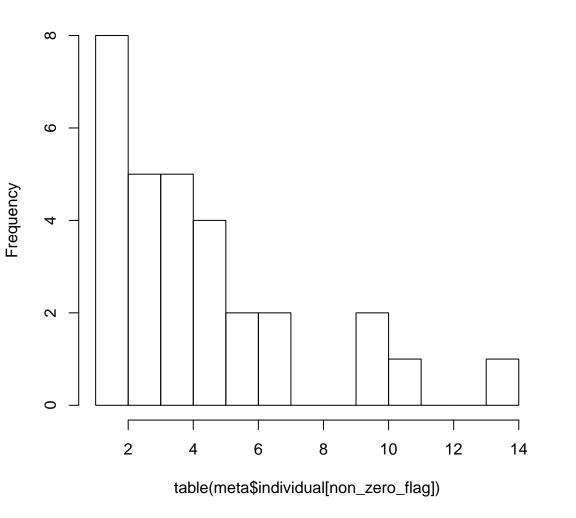
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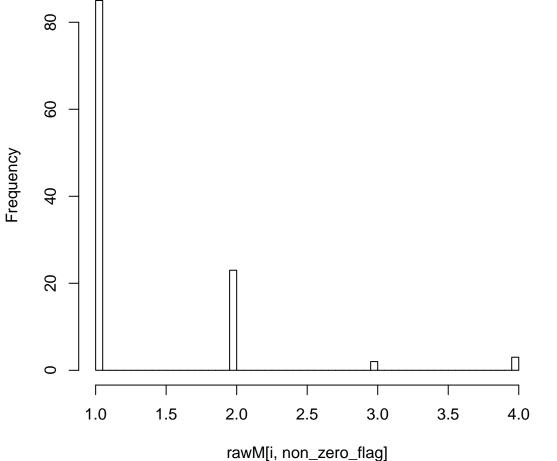
inonsig: log expression of gene#12, pval ob=0.4276, non–zero nເ



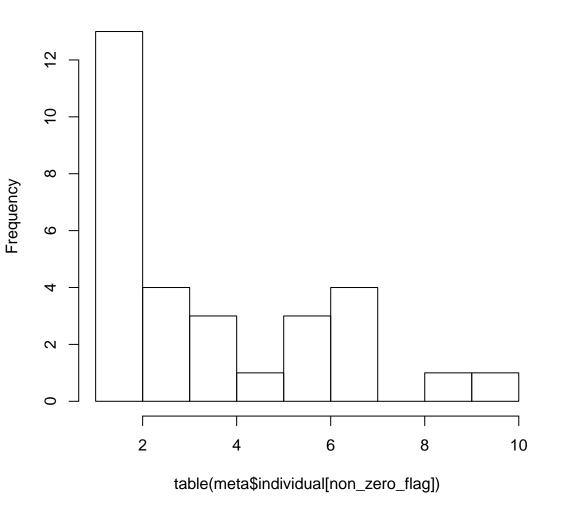
ind#: 30, diag#: 2

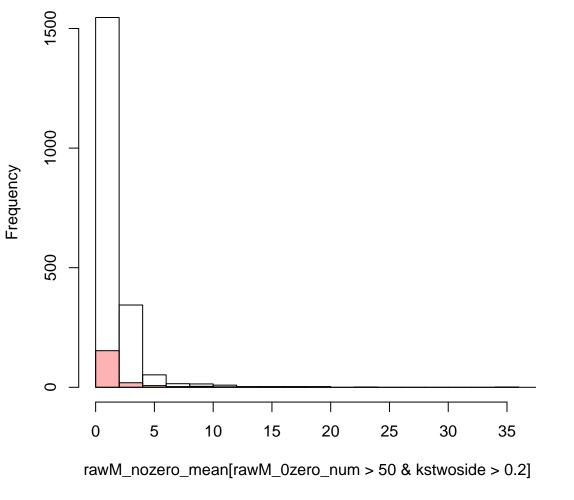


nonsig: log expression of gene#14, pval ob=0.2944, non-zero nu

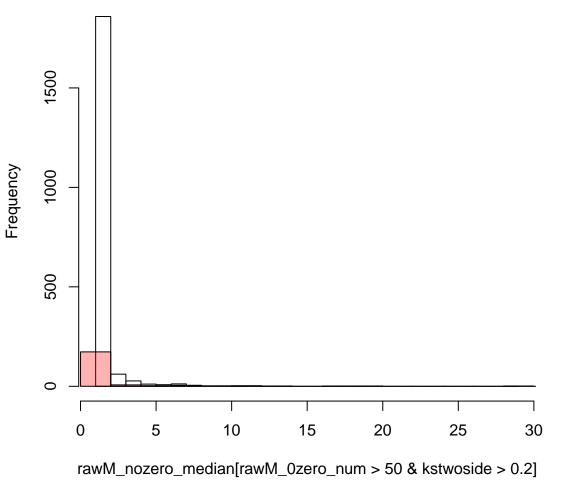


ind#: 30, diag#: 2

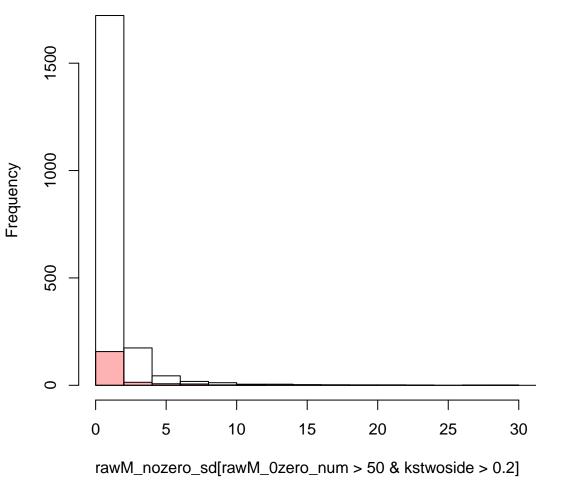




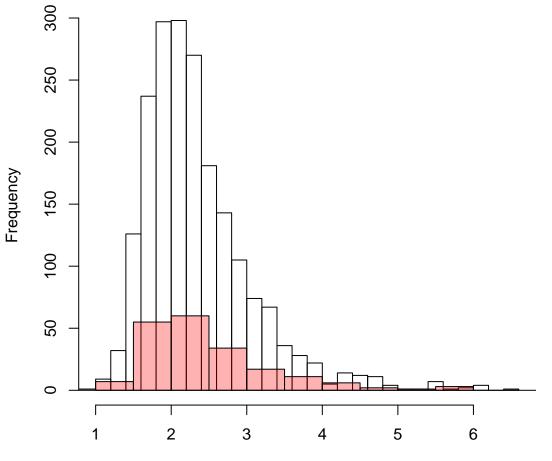
ogram of rawM_nozero_median[rawM_0zero_num > 50 & kstwosi



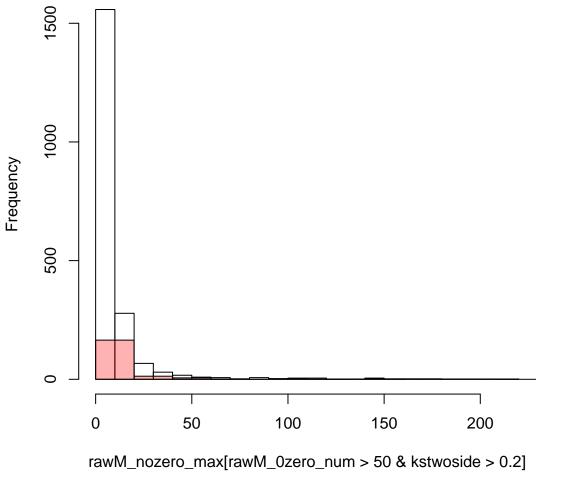
istogram of rawM_nozero_sd[rawM_0zero_num > 50 & kstwoside



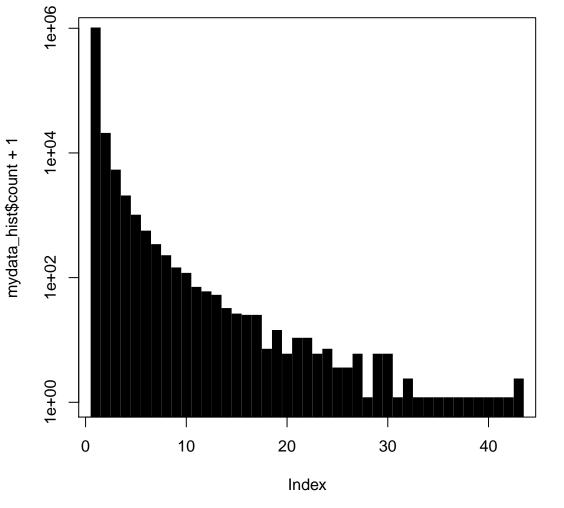
gram of rawM_nozero_skewness[rawM_0zero_num > 50 & kstwos



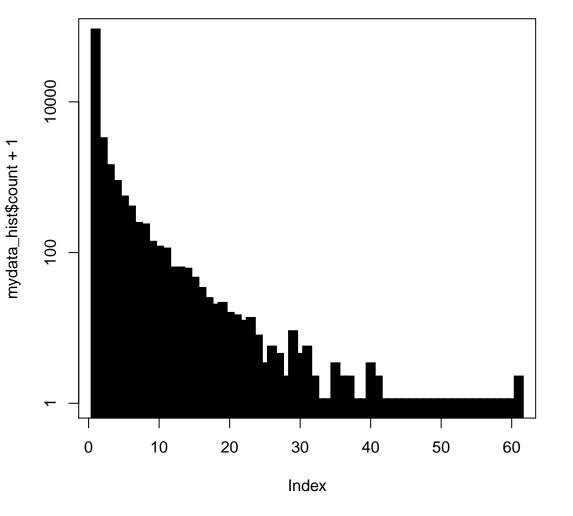
rawM_nozero_skewness[rawM_0zero_num > 50 & kstwoside > 0.2]



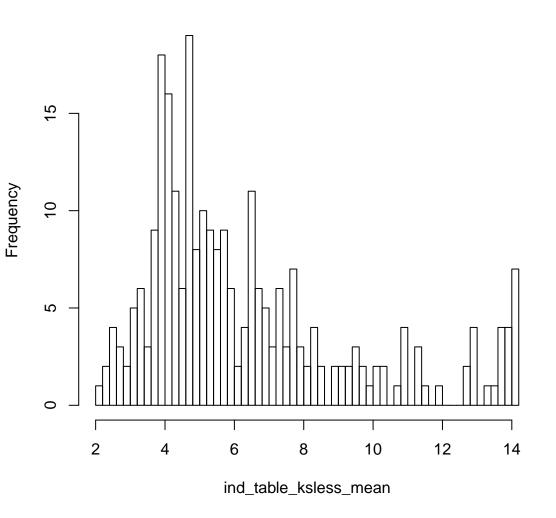
enes log(expression +1) with least 50 cell expression and kstwosi



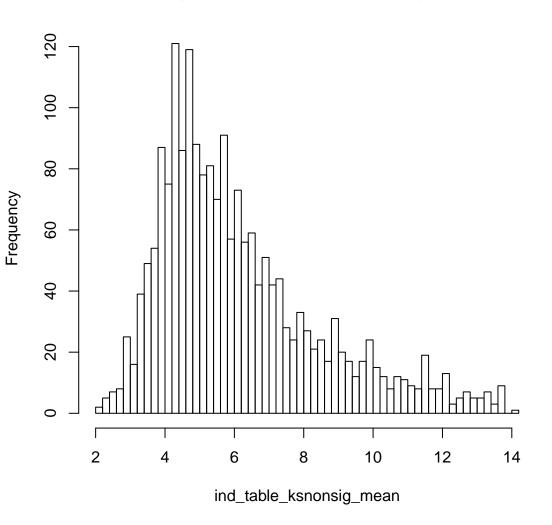
nes log(expression +1) with least 50 cell expression and kstwosic



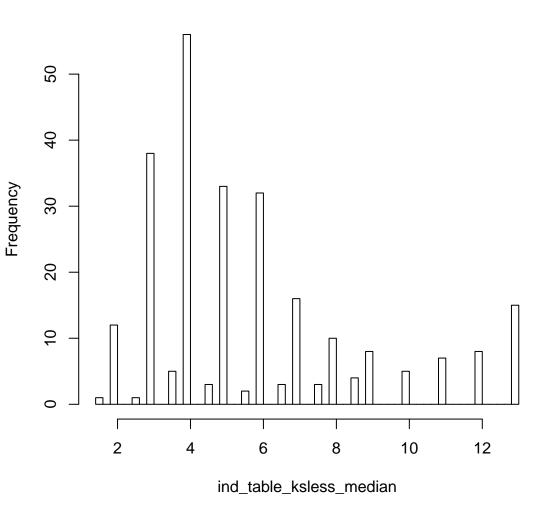
Histogram of ind_table_ksless_mean



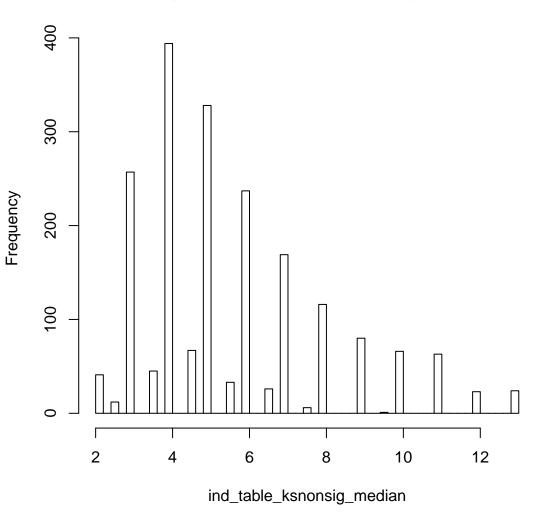
Histogram of ind_table_ksnonsig_mean



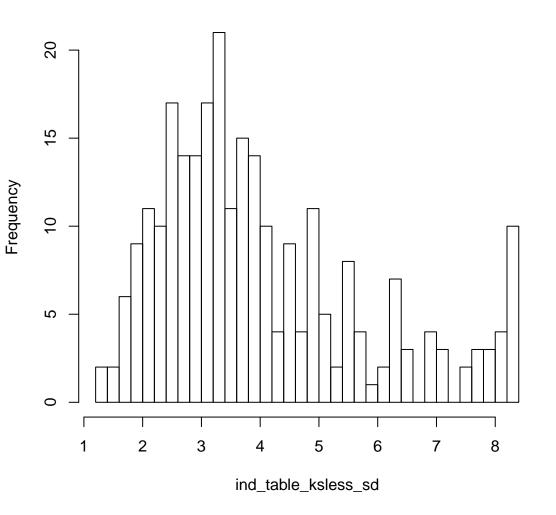
Histogram of ind_table_ksless_median



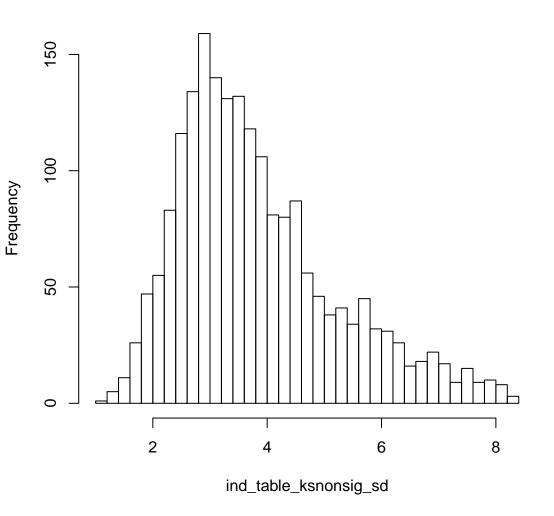
Histogram of ind_table_ksnonsig_median



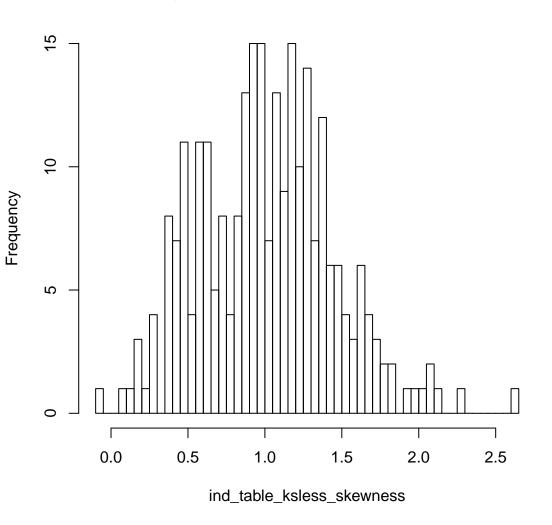
Histogram of ind_table_ksless_sd



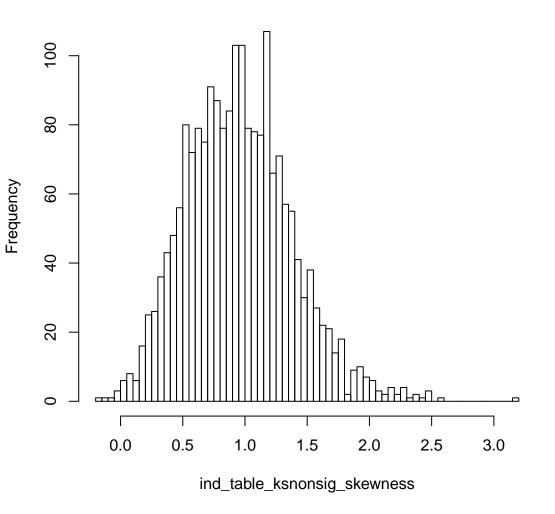
Histogram of ind_table_ksnonsig_sd



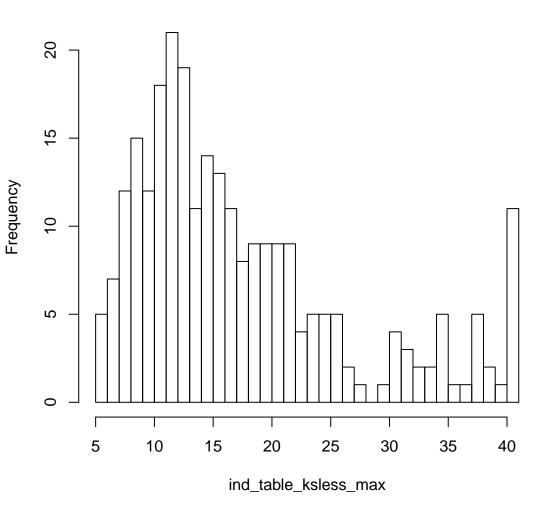
Histogram of ind_table_ksless_skewness



Histogram of ind_table_ksnonsig_skewness



Histogram of ind_table_ksless_max



Histogram of ind_table_ksnonsig_max

