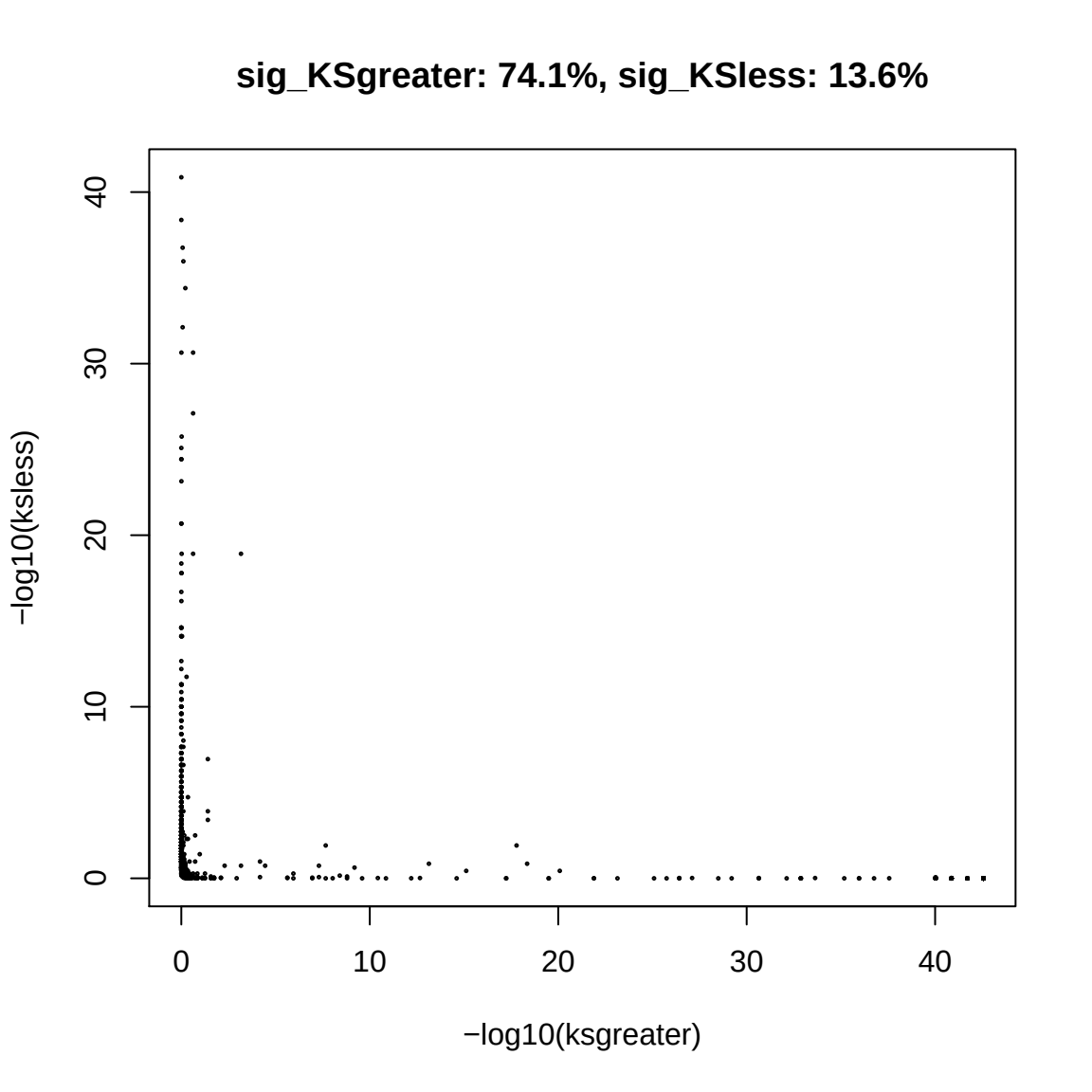
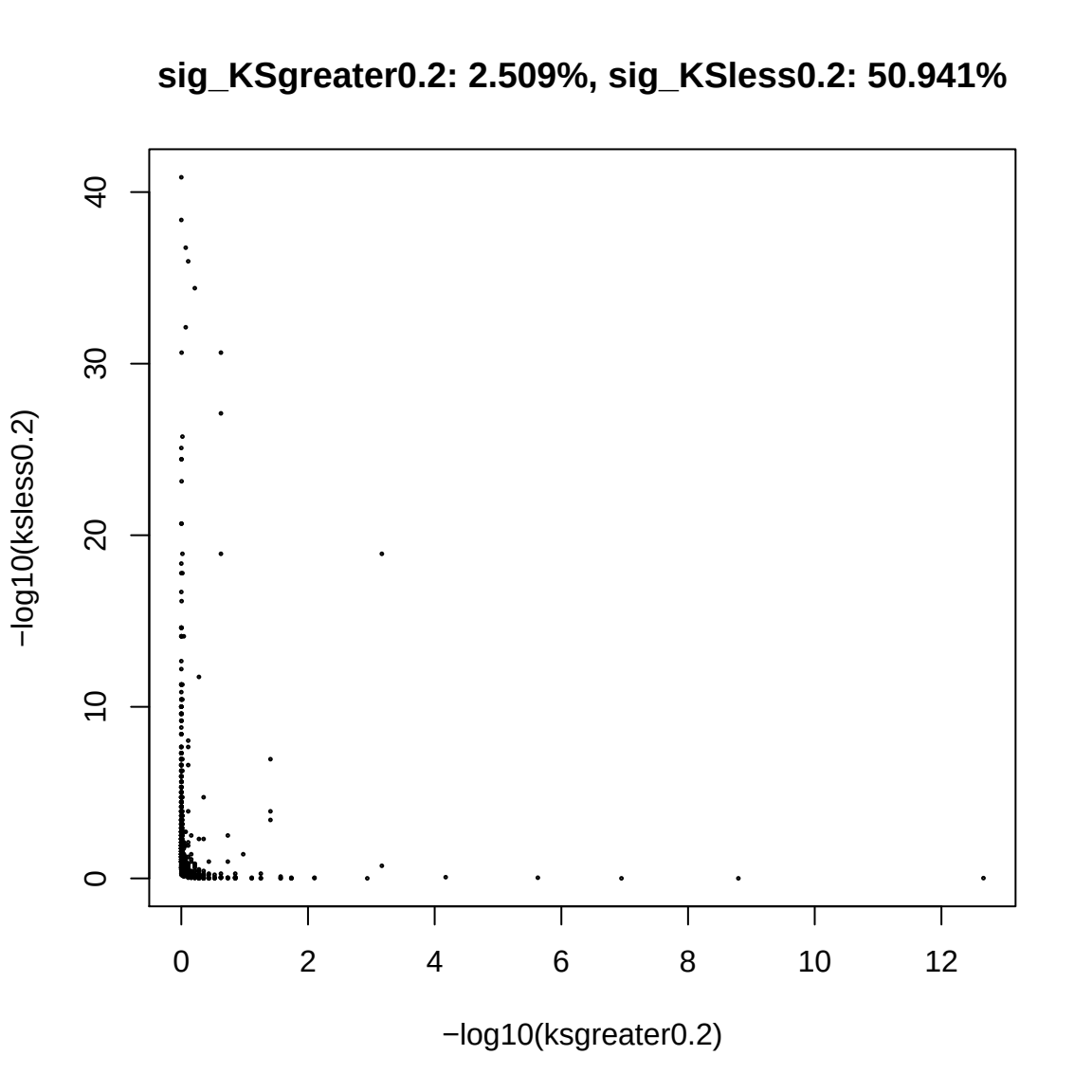
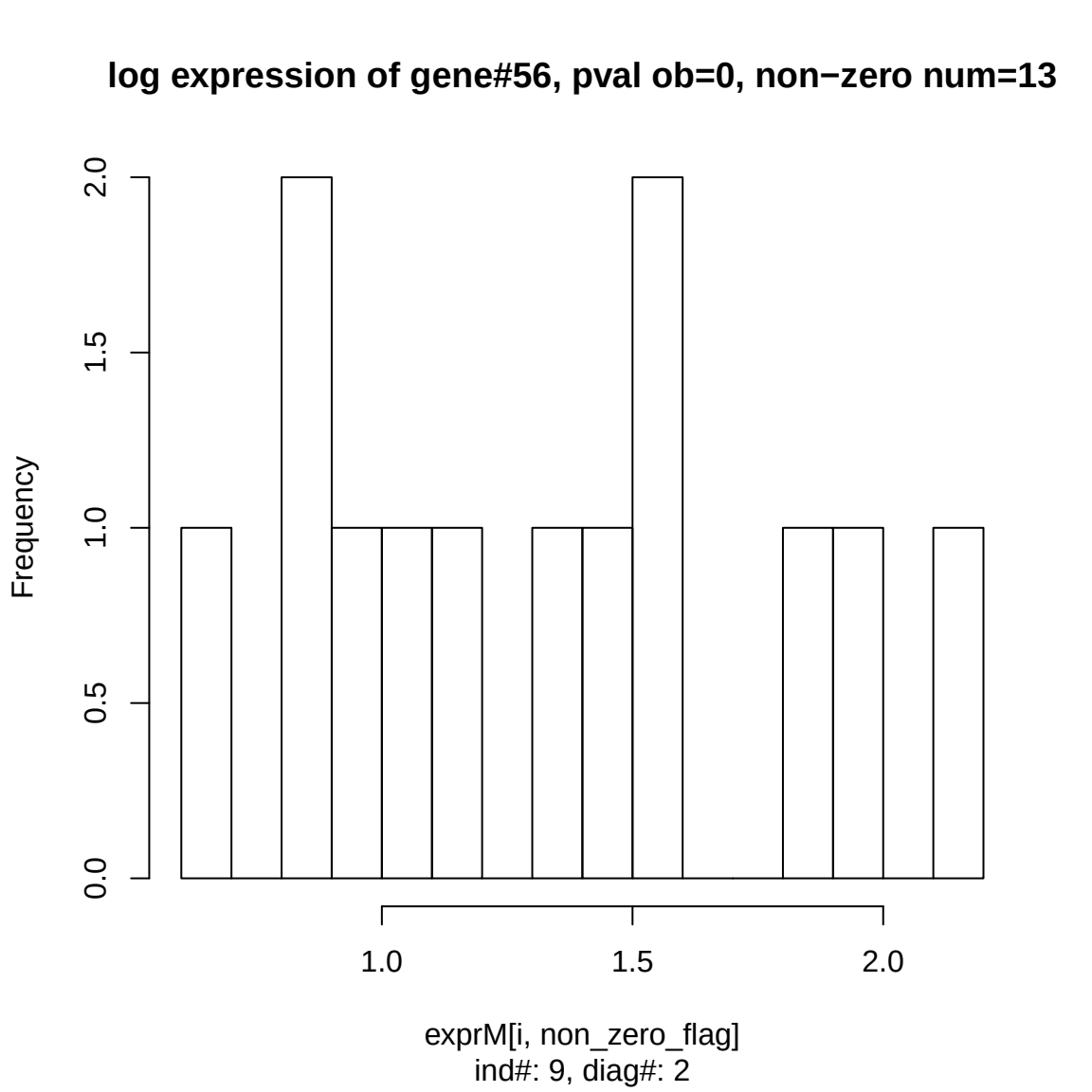
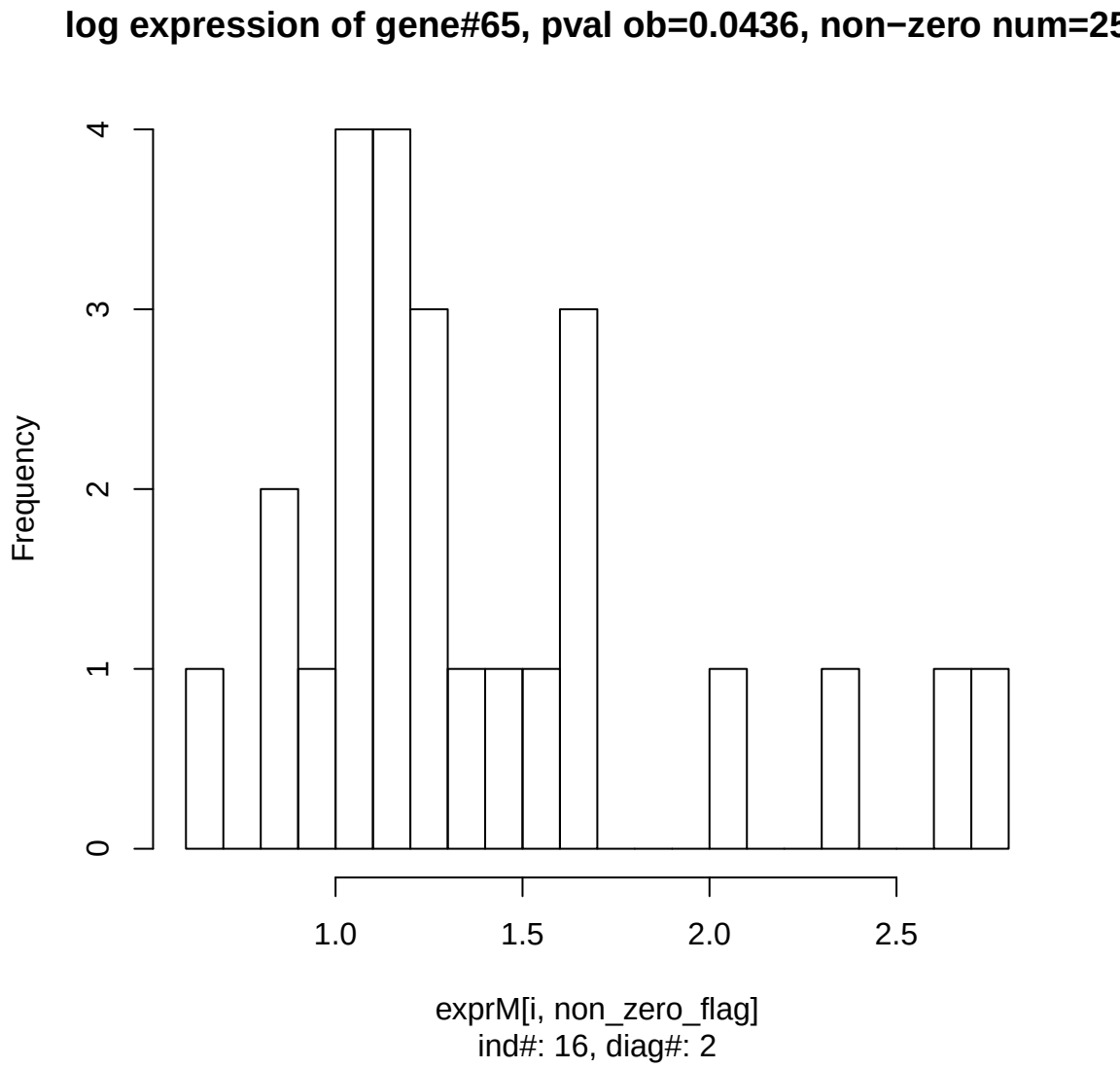
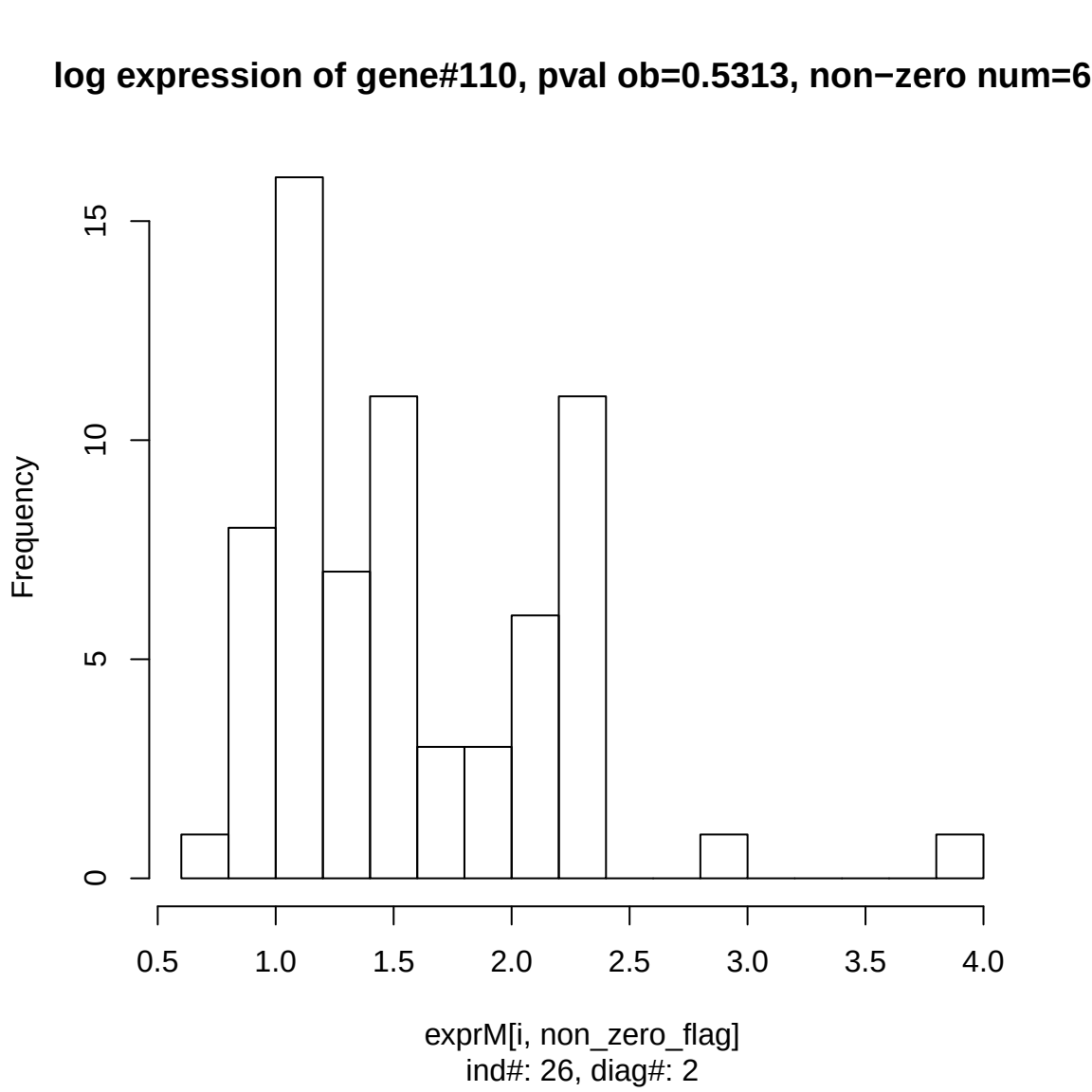
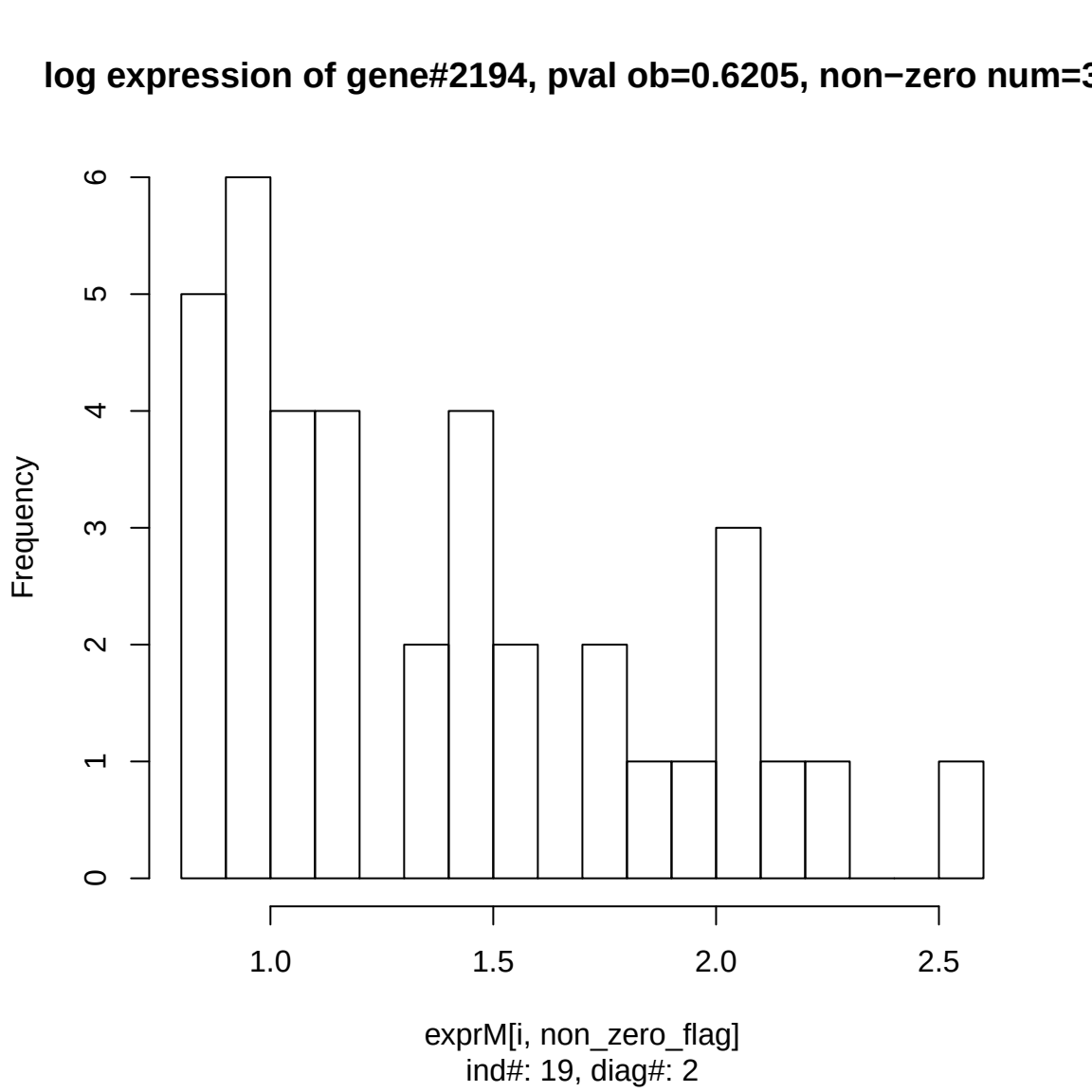

sig_KSgreater: 74.1%, sig_KSless: 13.6%
−log10(ksless)
0
10
20
30
40
0
10
20
30
40
−log10(ksgreater)

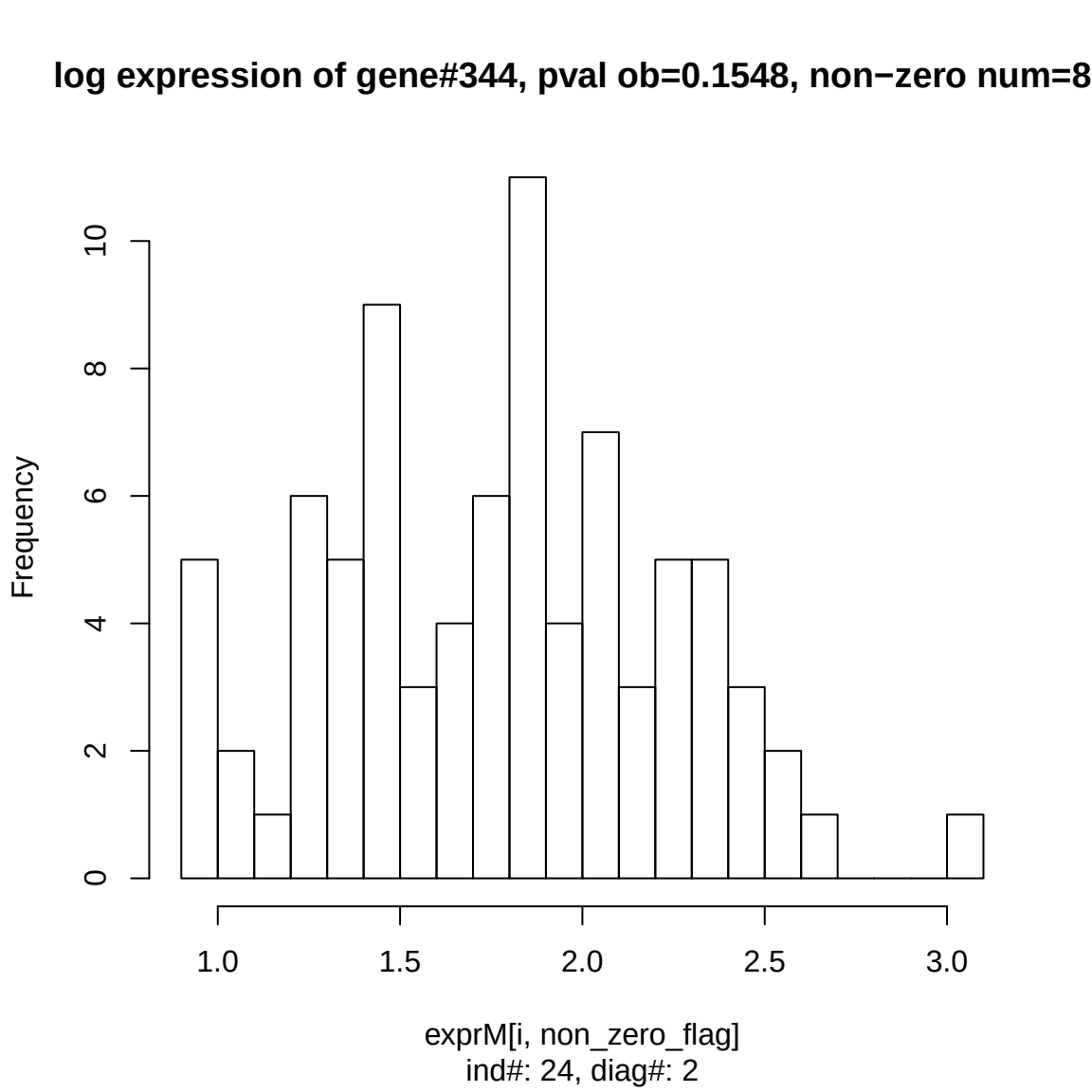

sig_KSgreater0.2: 2.509%, sig_KSless0.2: 50.941%
−log10(ksless0.2)
0
10
20
30
40
0
2
4
6
8
10
12
−log10(ksgreater0.2)

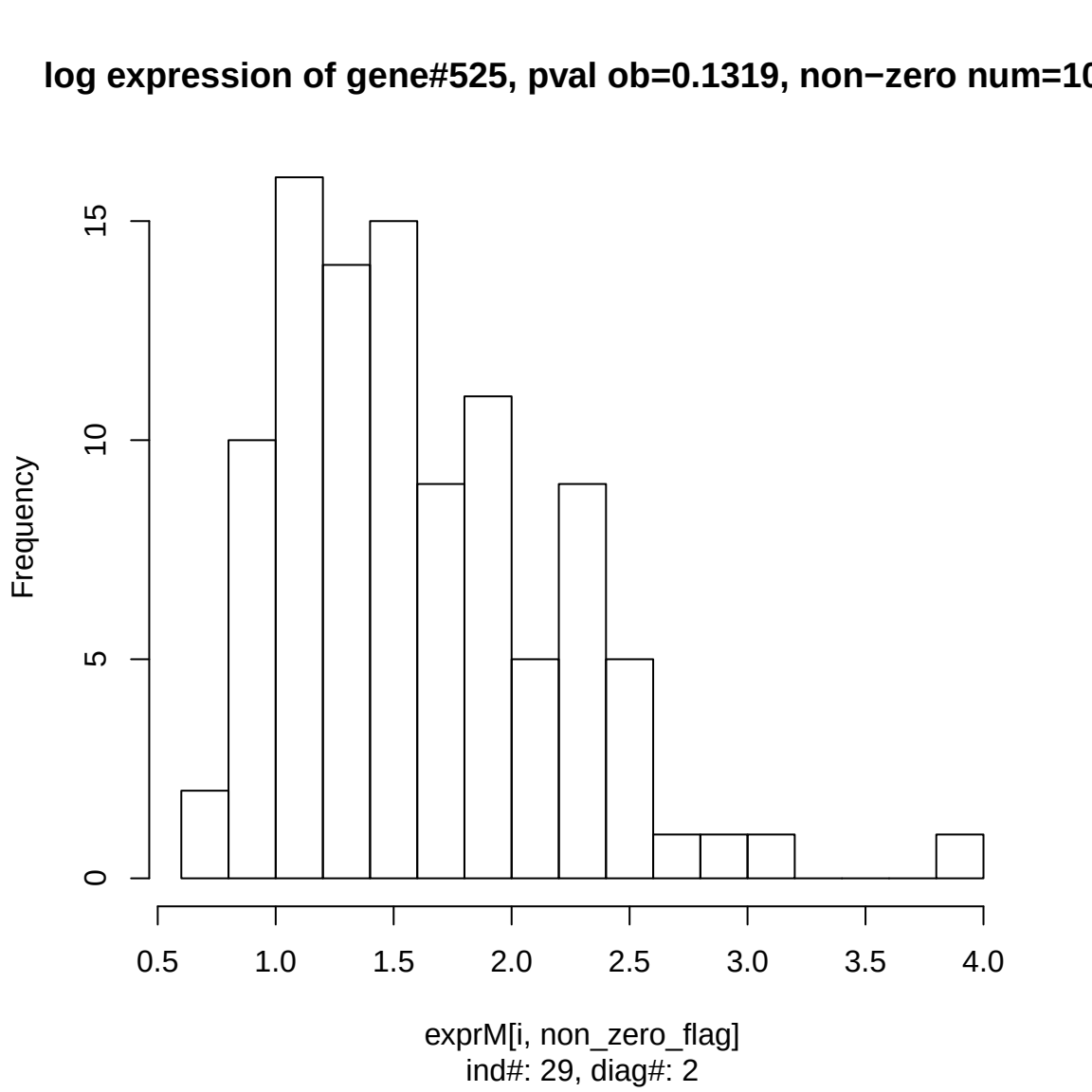

log expression of gene#56, pval ob=0, non−zero num=13
Frequency
0.0
0.5
1.0
1.5
2.0
1.0
1.5
2.0
exprM[i, non_zero_flag]
ind#: 9, diag#: 2

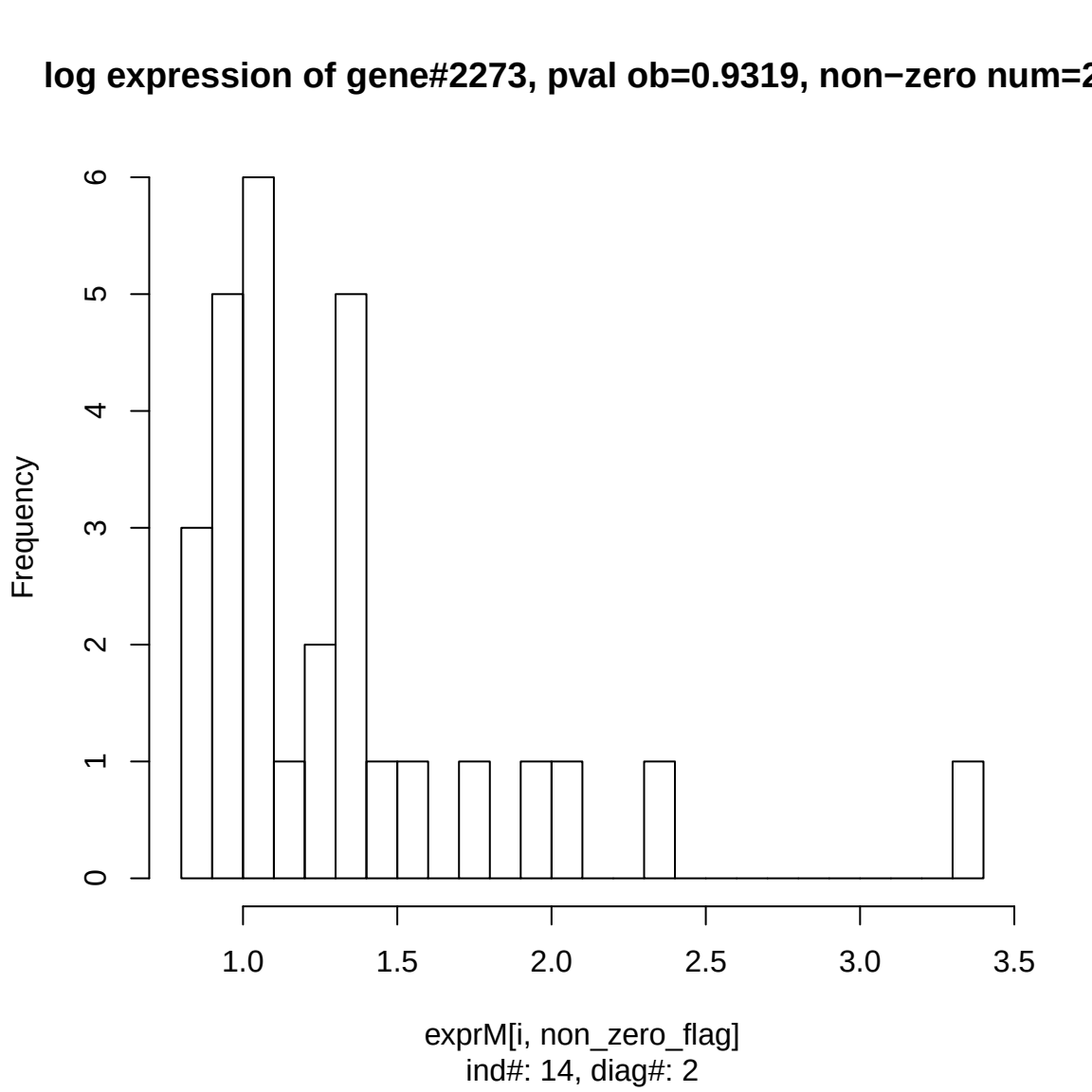

log expression of gene#65, pval ob=0.0436, non−zero num=25
Frequency
0
1
2
3
4
1.0
1.5
2.0
2.5
exprM[i, non_zero_flag]
ind#: 16, diag#: 2

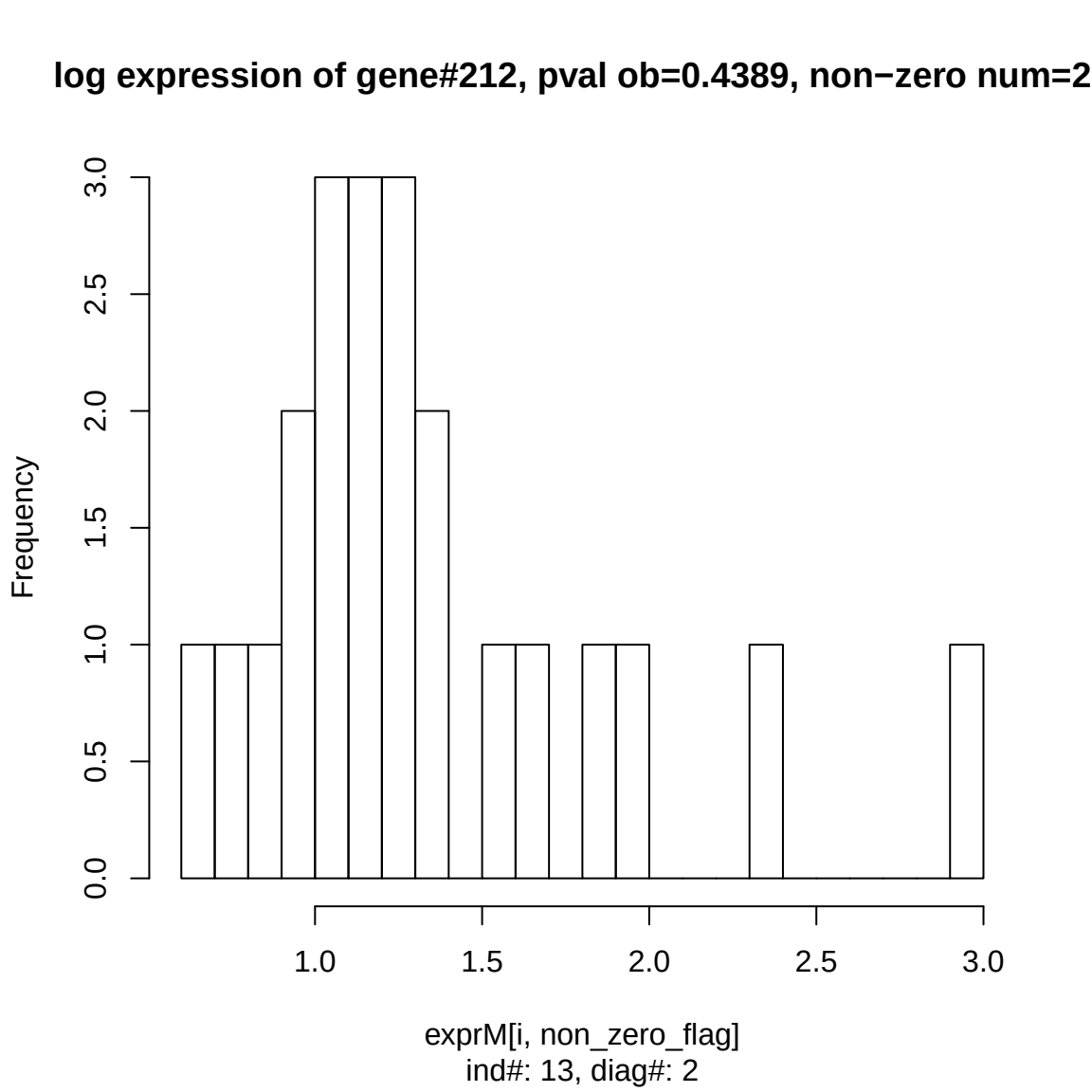

log expression of gene#110, pval ob=0.5313, non−zero num=6
Frequency
0
5
10
15
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
exprM[i, non_zero_flag]
ind#: 26, diag#: 2

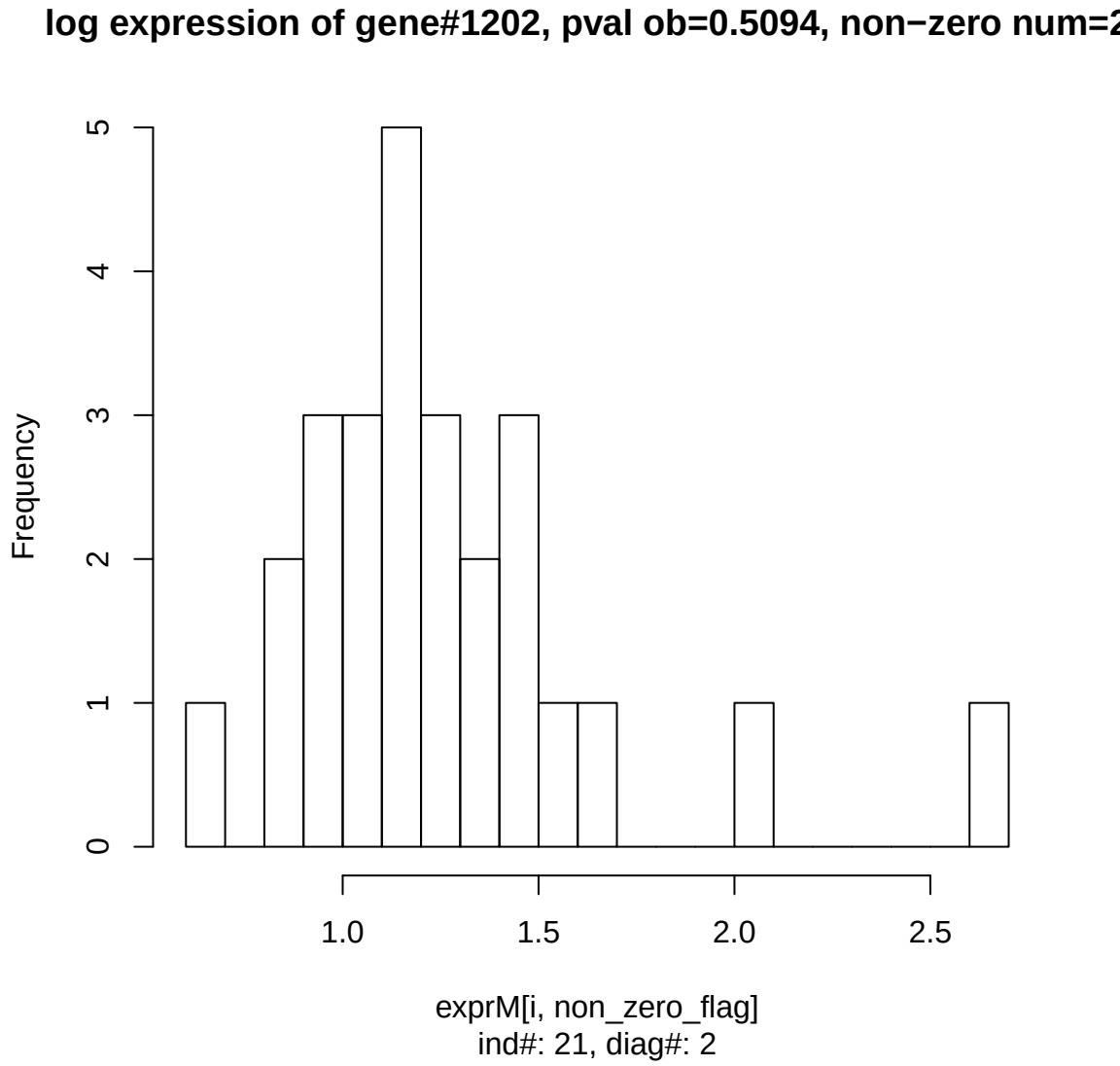

log expression of gene#2194, pval ob=0.6205, non−zero num=3
Frequency
0
1
2
3
4
5
6
1.0
1.5
2.0
2.5
exprM[i, non_zero_flag]
ind#: 19, diag#: 2

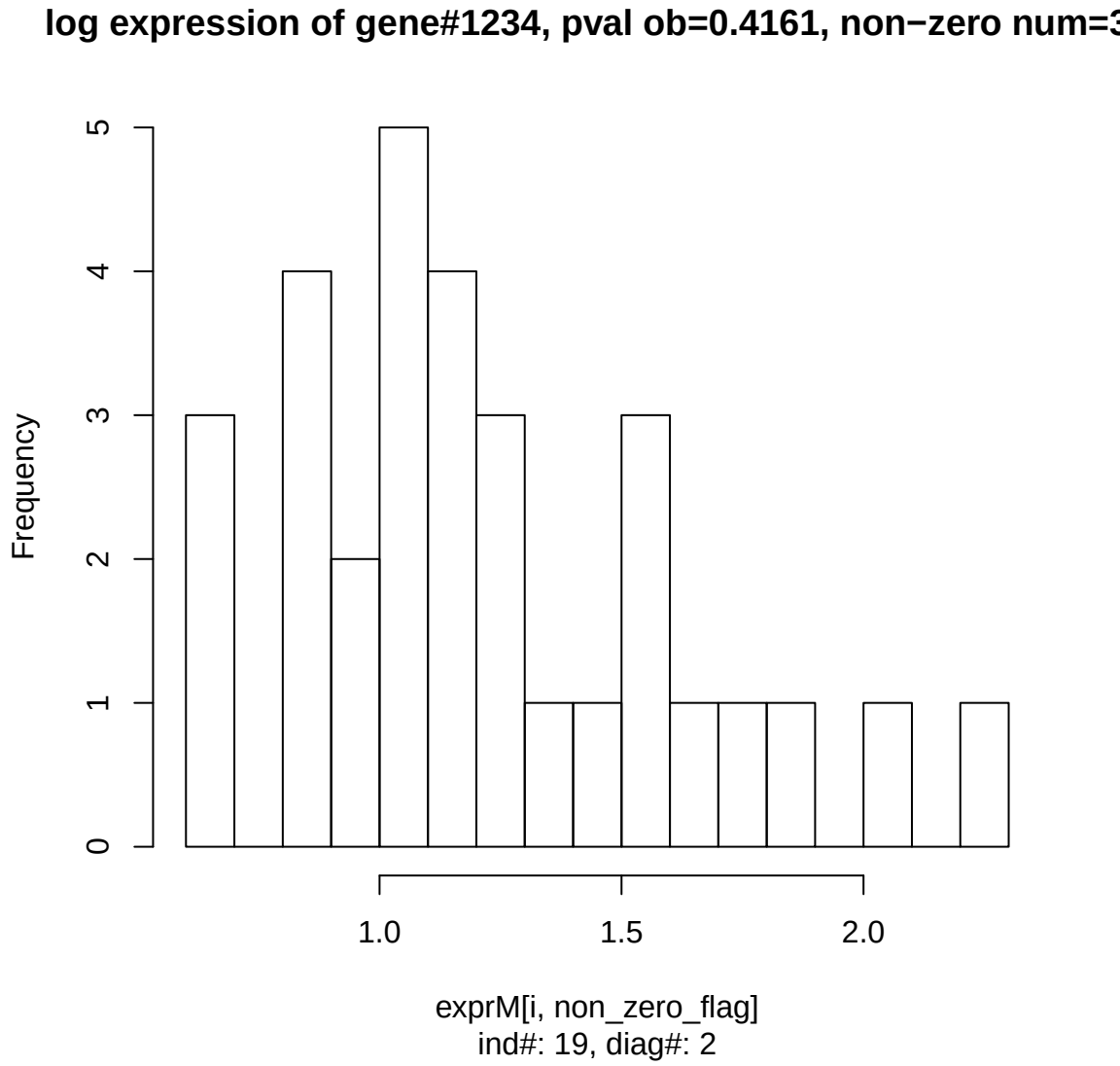

log expression of gene#344, pval ob=0.1548, non−zero num=8
Frequency
0
2
4
6
8
10
1.0
1.5
2.0
2.5
3.0
exprM[i, non_zero_flag]
ind#: 24, diag#: 2

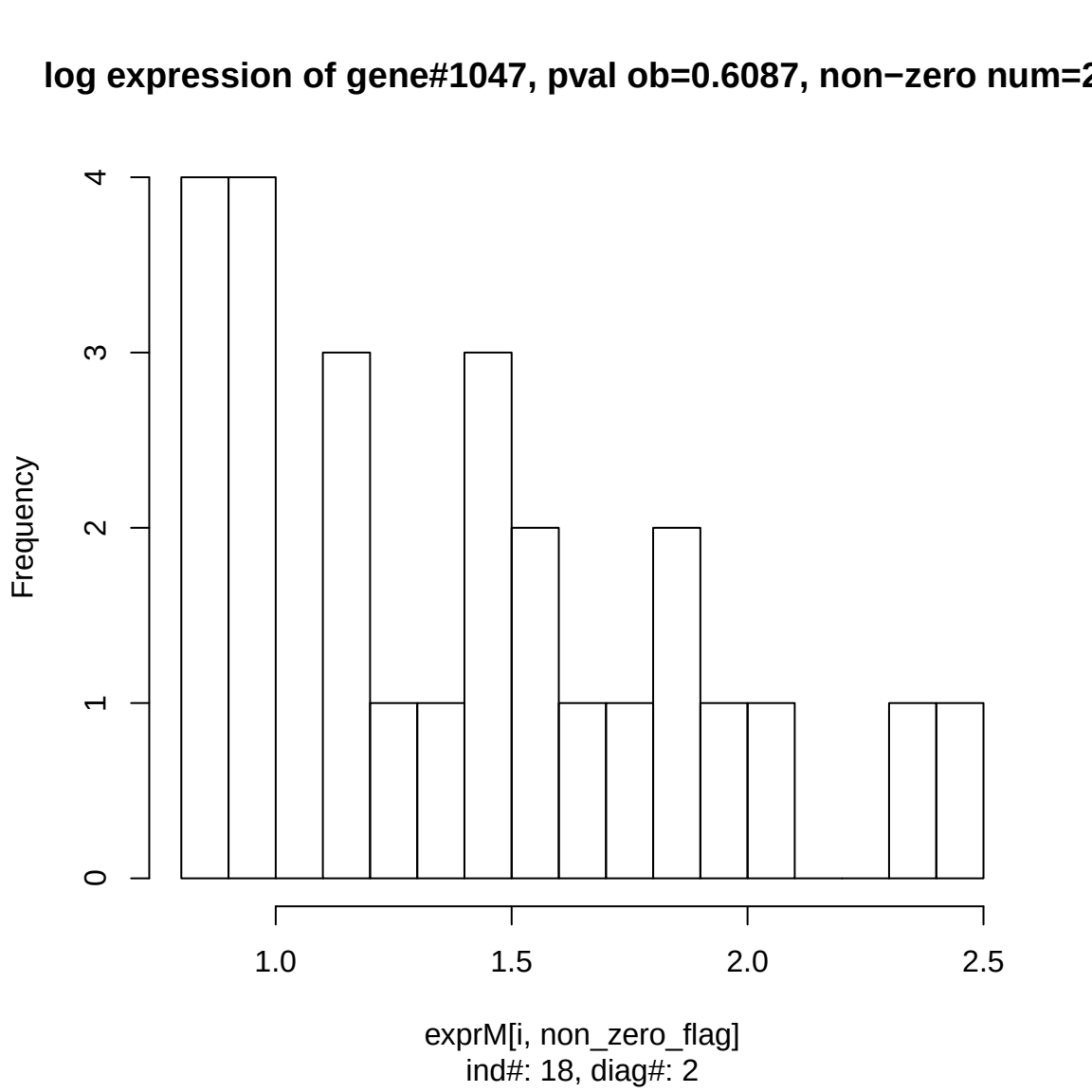

log expression of gene#525, pval ob=0.1319, non−zero num=10
Frequency
0
5
10
15
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
exprM[i, non_zero_flag]
ind#: 29, diag#: 2

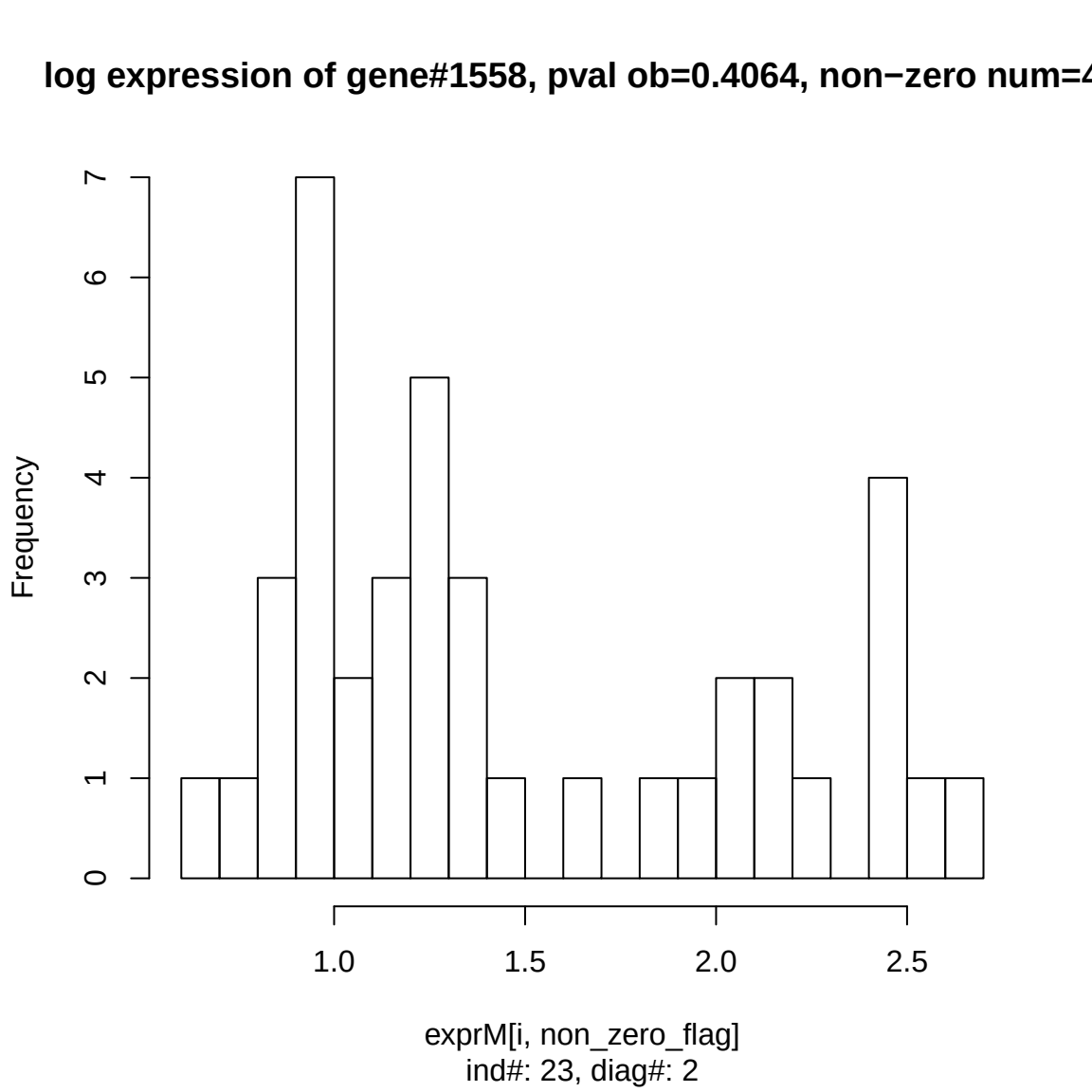

log expression of gene#2273, pval ob=0.9319, non−zero num=2
Frequency
0
1
2
3
4
5
6
1.0
1.5
2.0
2.5
3.0
3.5
exprM[i, non_zero_flag]
ind#: 14, diag#: 2

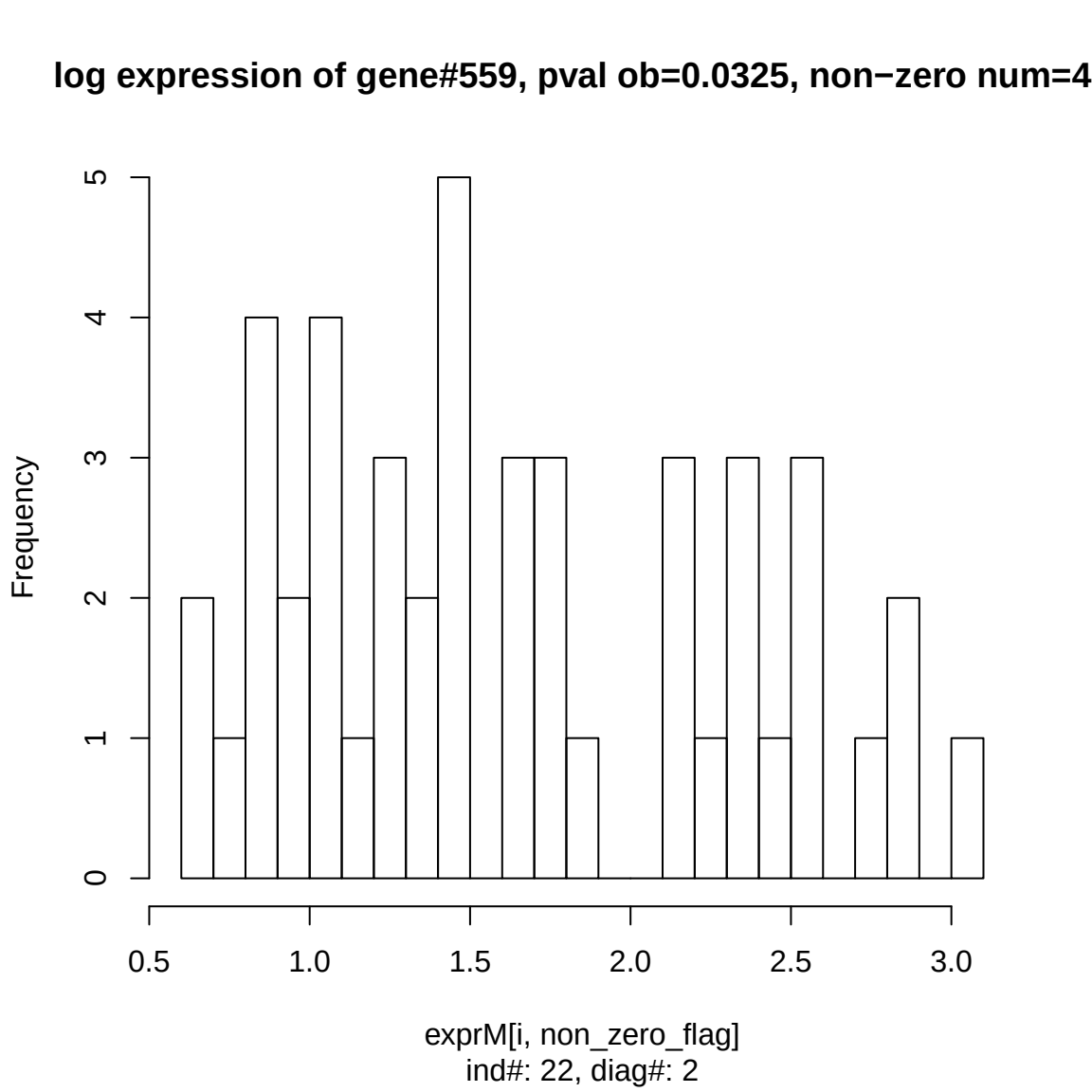

log expression of gene#212, pval ob=0.4389, non−zero num=2
Frequency
0.0
0.5
1.0
1.5
2.0
2.5
3.0
1.0
1.5
2.0
2.5
3.0
exprM[i, non_zero_flag]
ind#: 13, diag#: 2

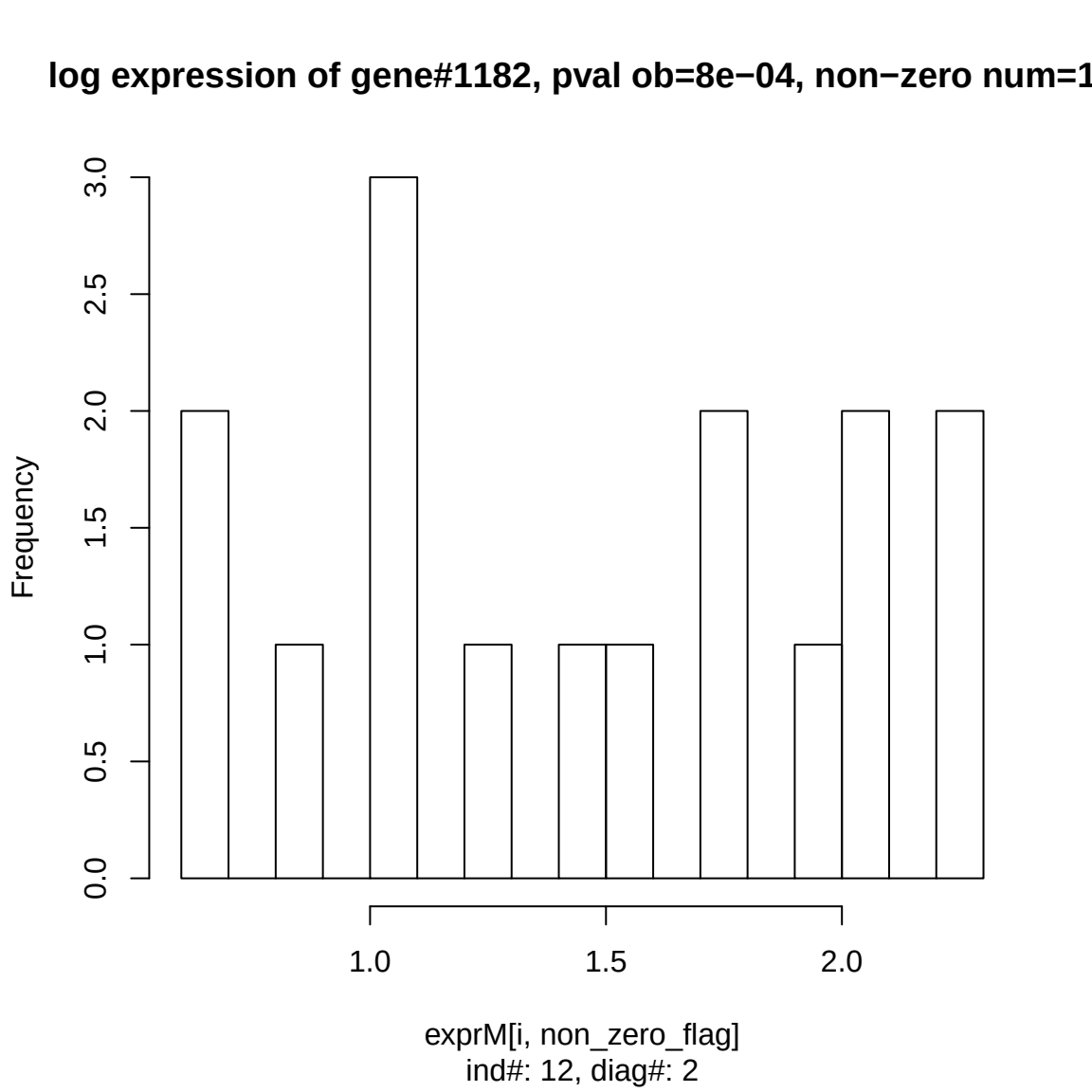

log expression of gene#1202, pval ob=0.5094, non−zero num=2
Frequency
0
1
2
3
4
5
1.0
1.5
2.0
2.5
exprM[i, non_zero_flag]
ind#: 21, diag#: 2

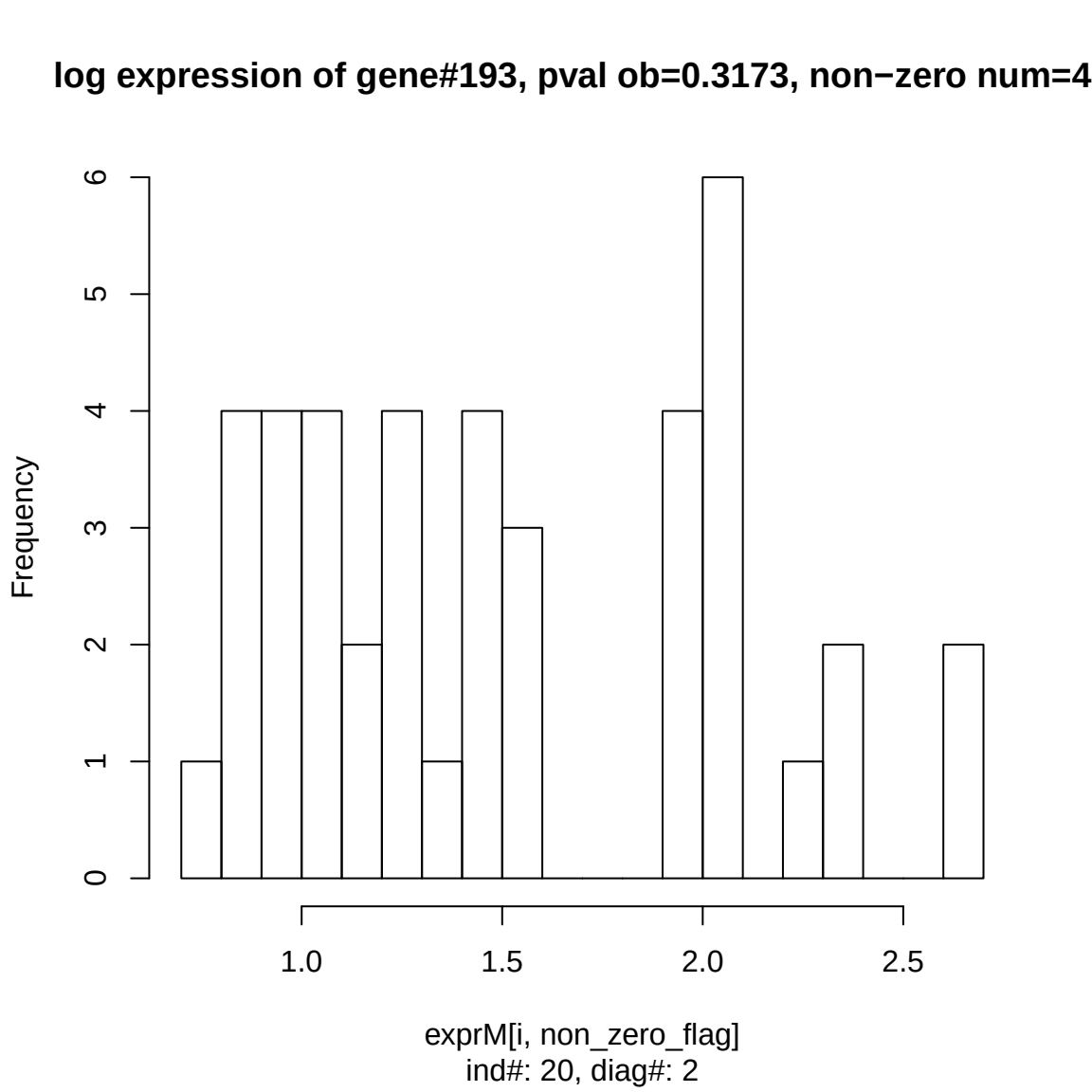

log expression of gene#1234, pval ob=0.4161, non−zero num=3
Frequency
0
1
2
3
4
5
1.0
1.5
2.0
exprM[i, non_zero_flag]
ind#: 19, diag#: 2

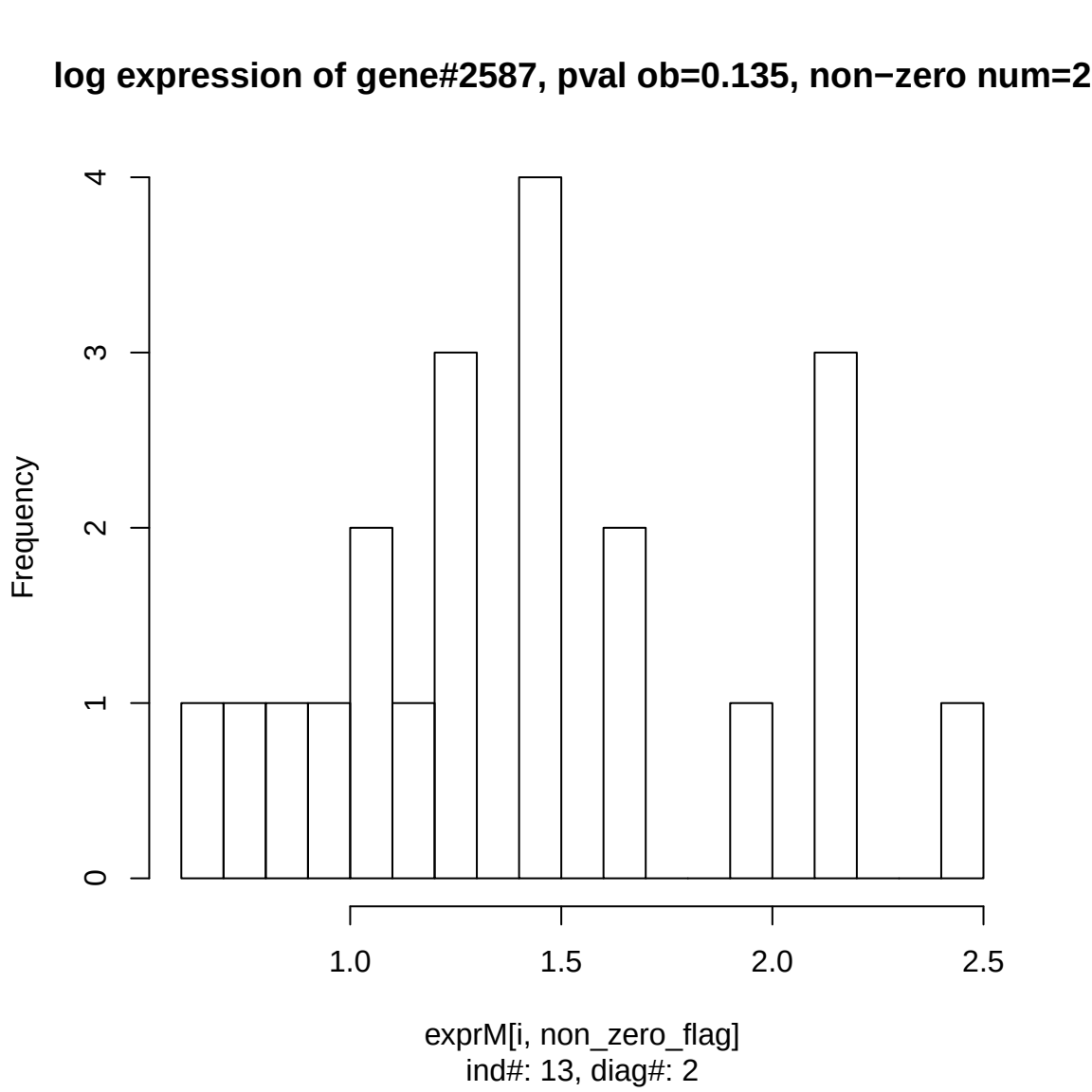

log expression of gene#1047, pval ob=0.6087, non−zero num=2
Frequency
0
1
2
3
4
1.0
1.5
2.0
2.5
exprM[i, non_zero_flag]
ind#: 18, diag#: 2

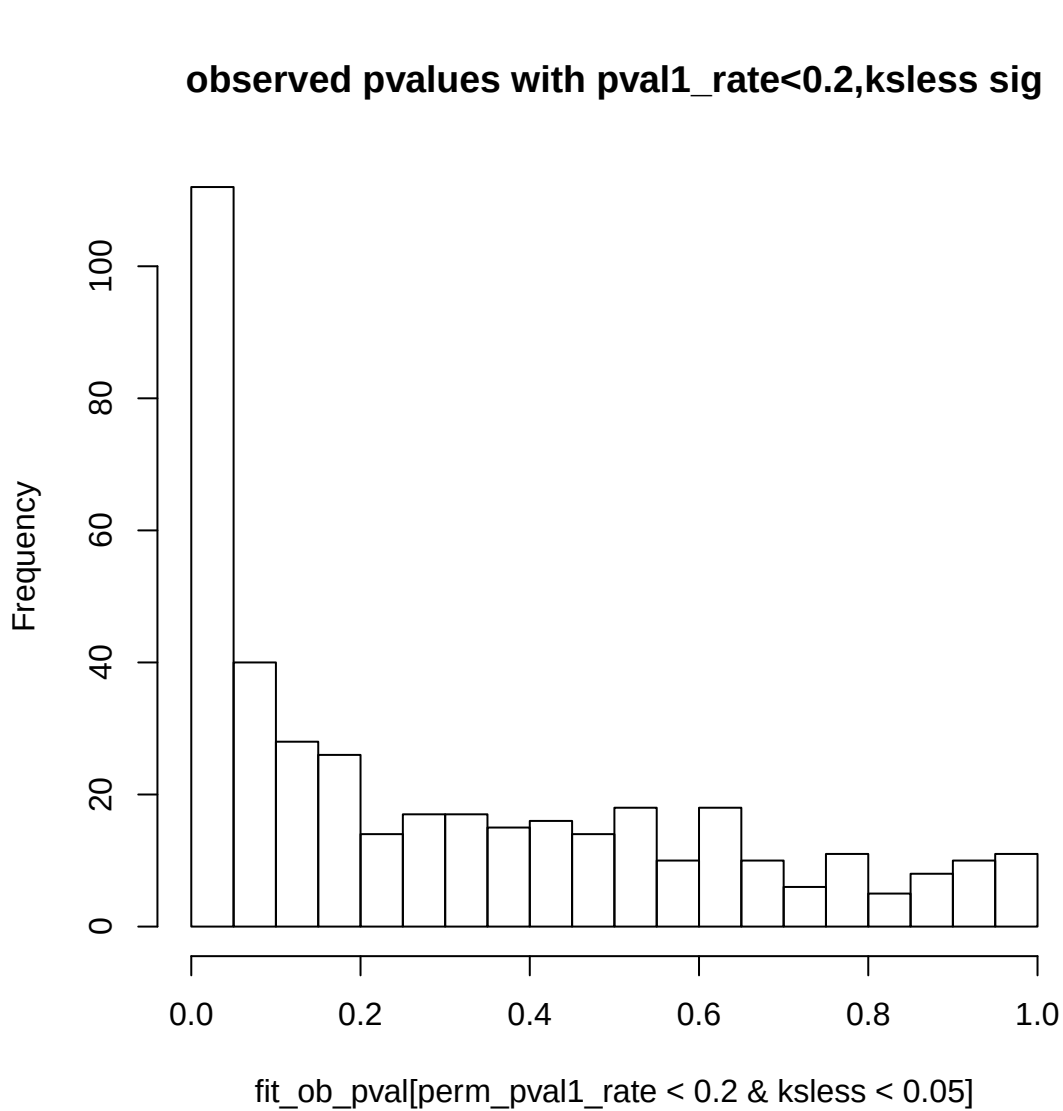

log expression of gene#1558, pval ob=0.4064, non−zero num=4
Frequency
0
1
2
3
4
5
6
7
1.0
1.5
2.0
2.5
exprM[i, non_zero_flag]
ind#: 23, diag#: 2

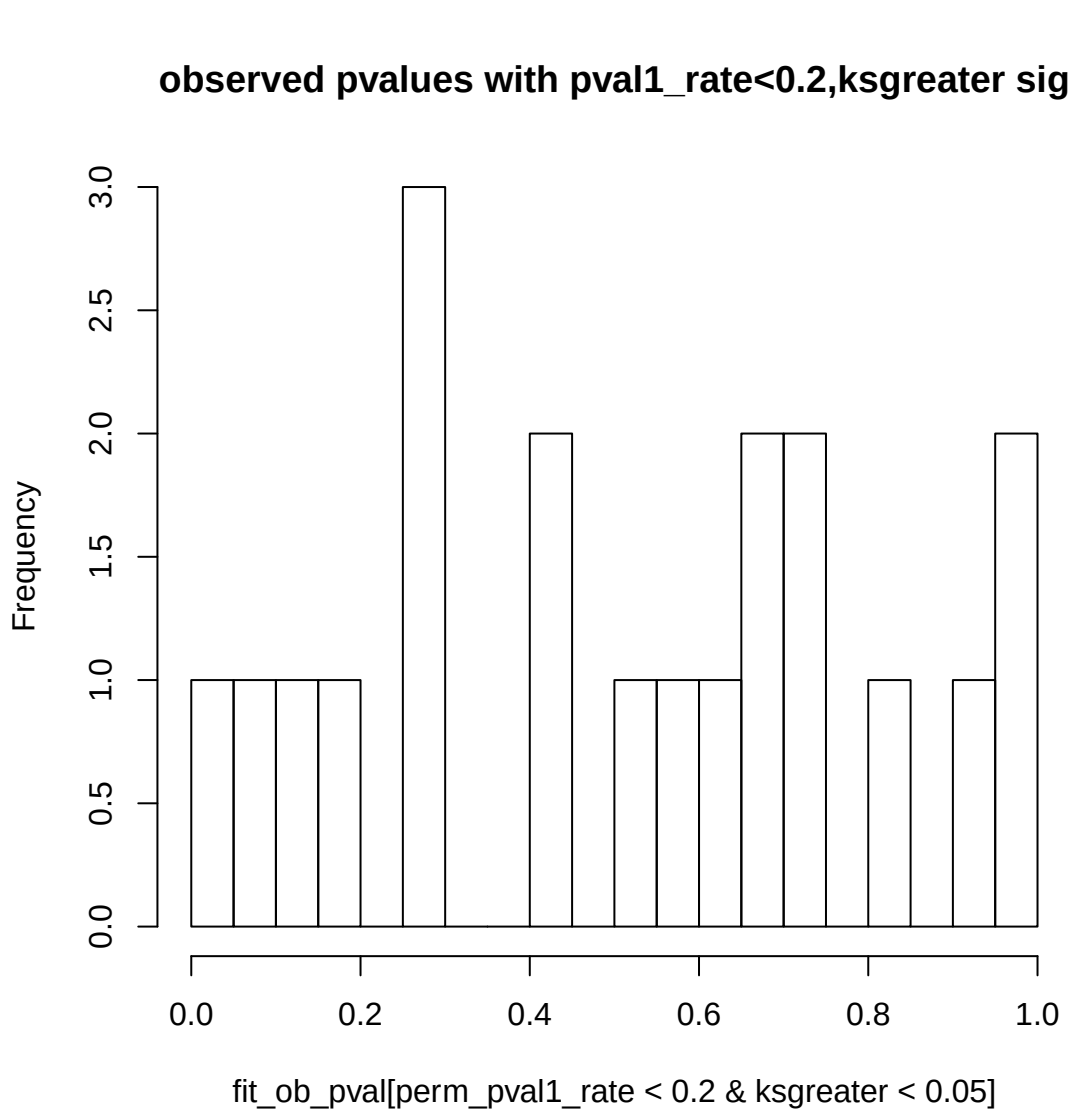

log expression of gene#559, pval ob=0.0325, non−zero num=4
Frequency
0
1
2
3
4
5
0.5
1.0
1.5
2.0
2.5
3.0
exprM[i, non_zero_flag]
ind#: 22, diag#: 2

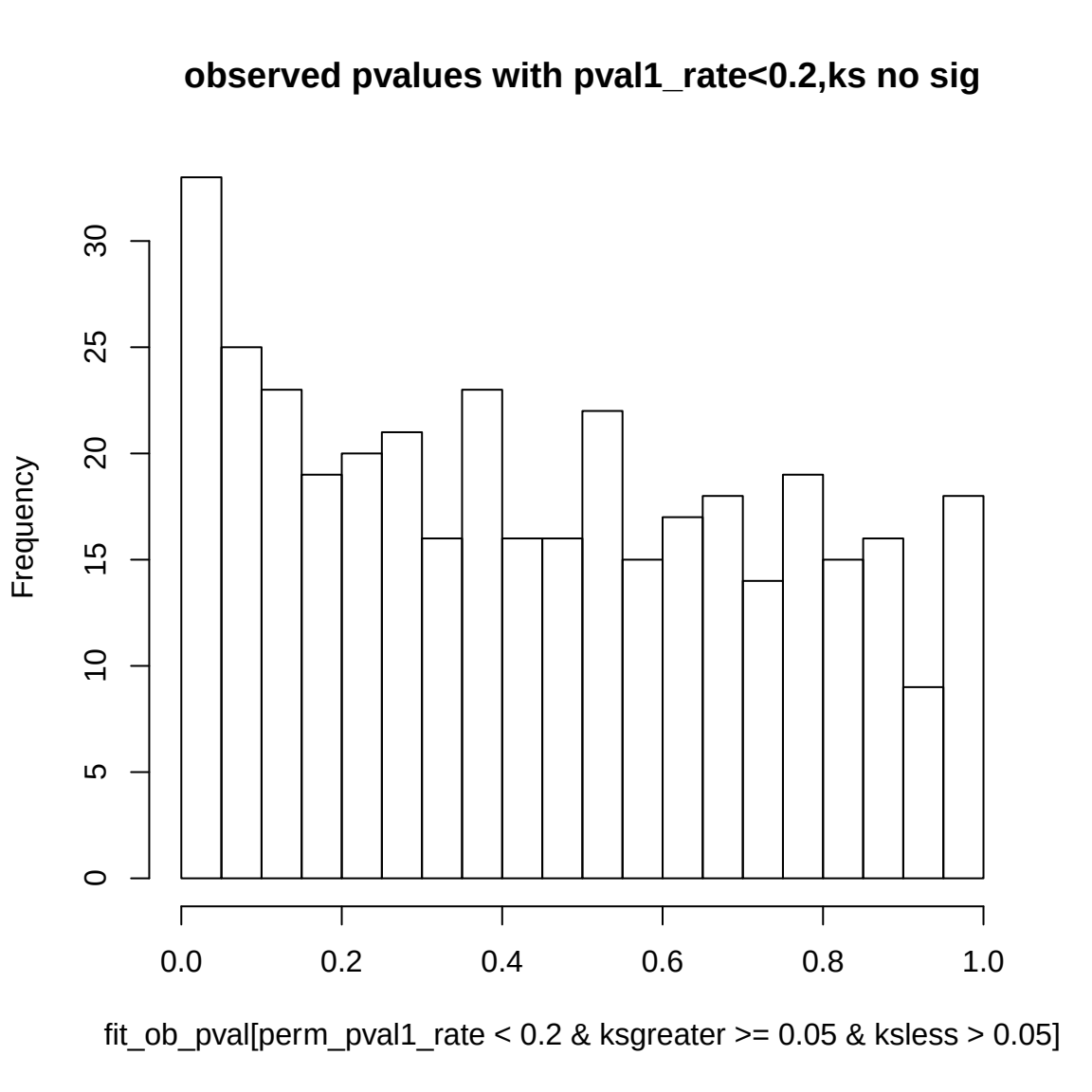

log expression of gene#1182, pval ob=8e−04, non−zero num=1
Frequency
0.0
0.5
1.0
1.5
2.0
2.5
3.0
1.0
1.5
2.0
exprM[i, non_zero_flag]
ind#: 12, diag#: 2

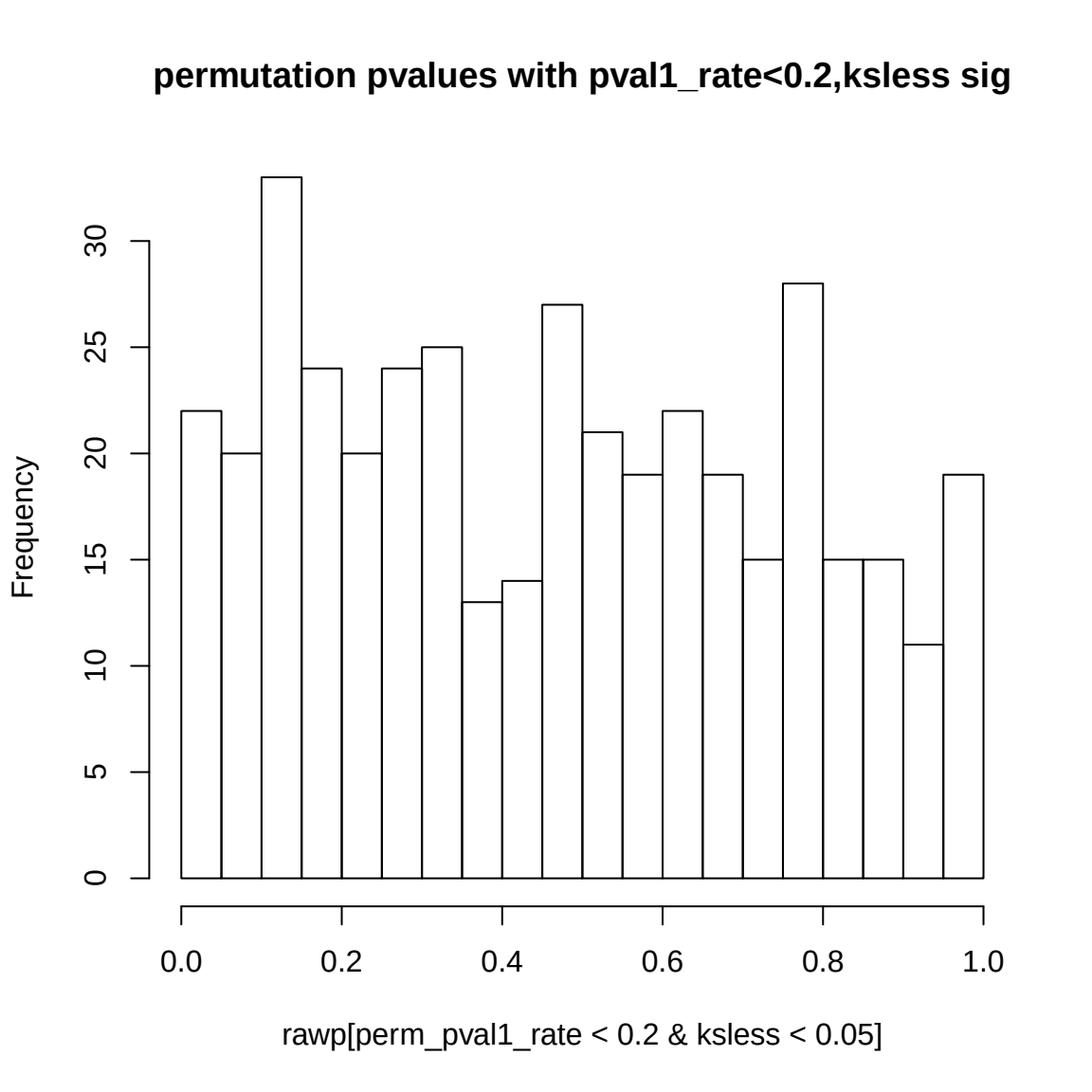

log expression of gene#193, pval ob=0.3173, non−zero num=4
Frequency
0
1
2
3
4
5
6
1.0
1.5
2.0
2.5
exprM[i, non_zero_flag]
ind#: 20, diag#: 2

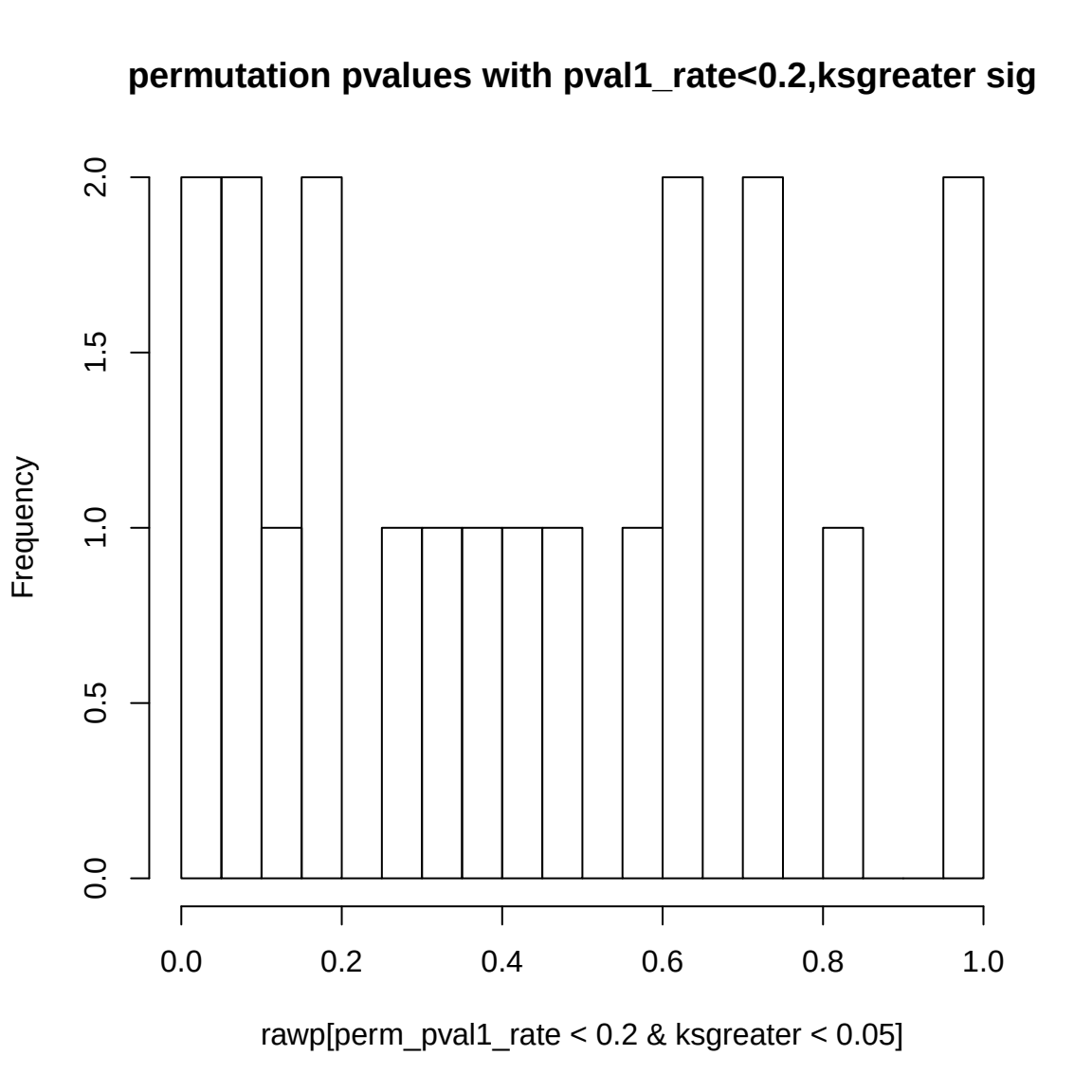

log expression of gene#2587, pval ob=0.135, non−zero num=2
Frequency
0
1
2
3
4
1.0
1.5
2.0
2.5
exprM[i, non_zero_flag]
ind#: 13, diag#: 2

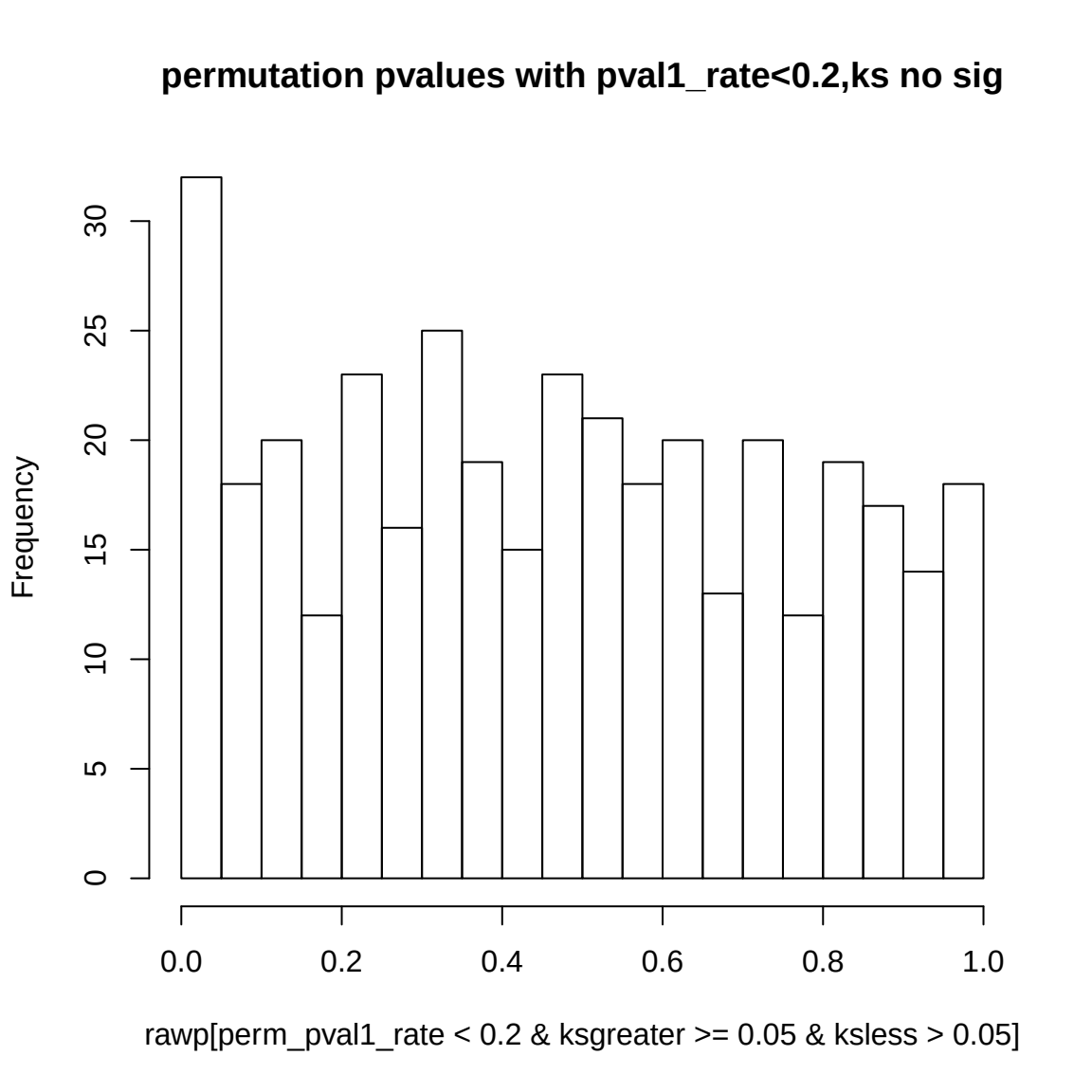

observed pvalues with pval1_rate<0.2,ksless sig
Frequency
0
20
40
60
80
100
0.0
0.2
0.4
0.6
0.8
1.0
fit_ob_pval[perm_pval1_rate < 0.2 & ksless < 0.05]

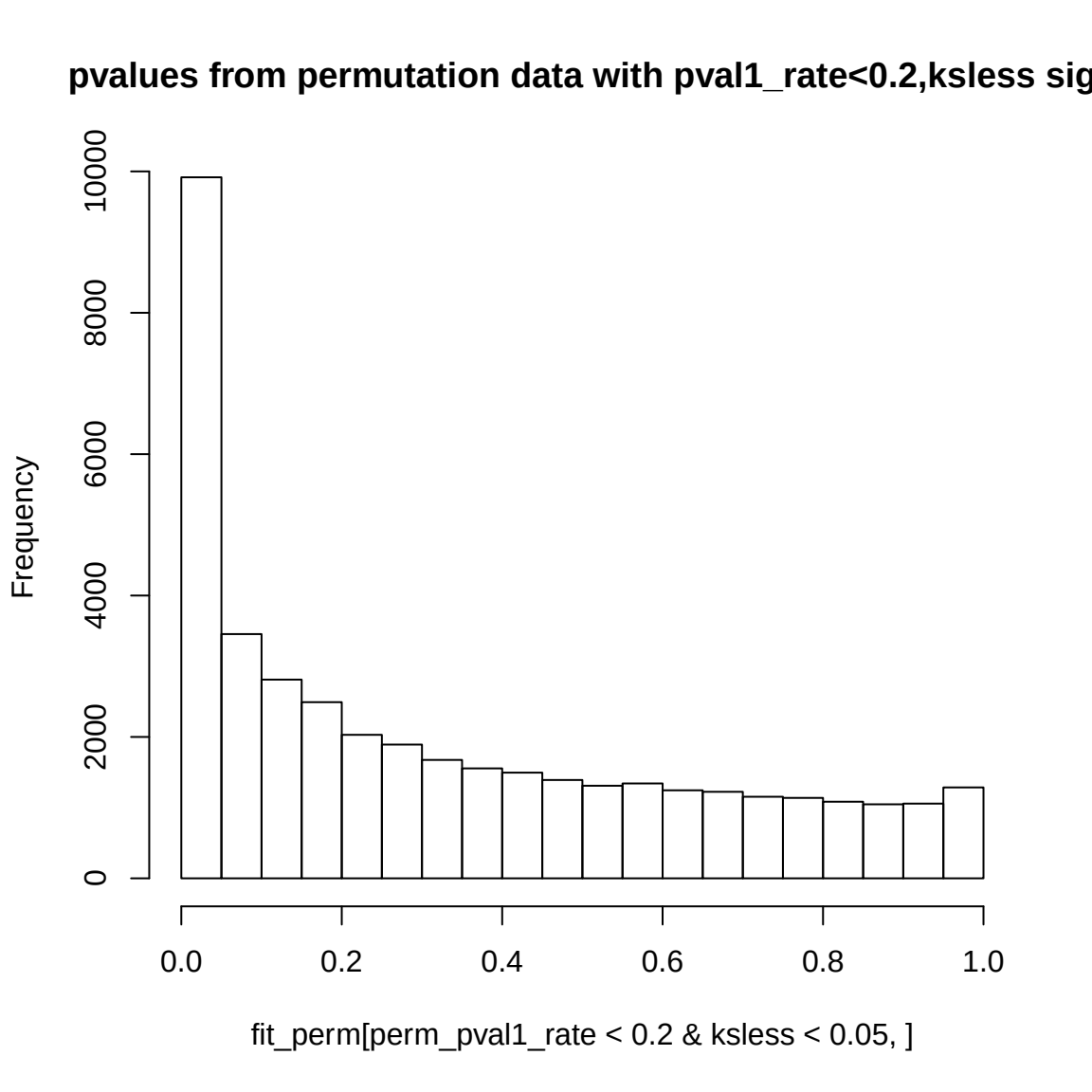

observed pvalues with pval1_rate<0.2,ksgreater sig
Frequency
0.0
0.5
1.0
1.5
2.0
2.5
3.0
0.0
0.2
0.4
0.6
0.8
1.0
fit_ob_pval[perm_pval1_rate < 0.2 & ksgreater < 0.05]

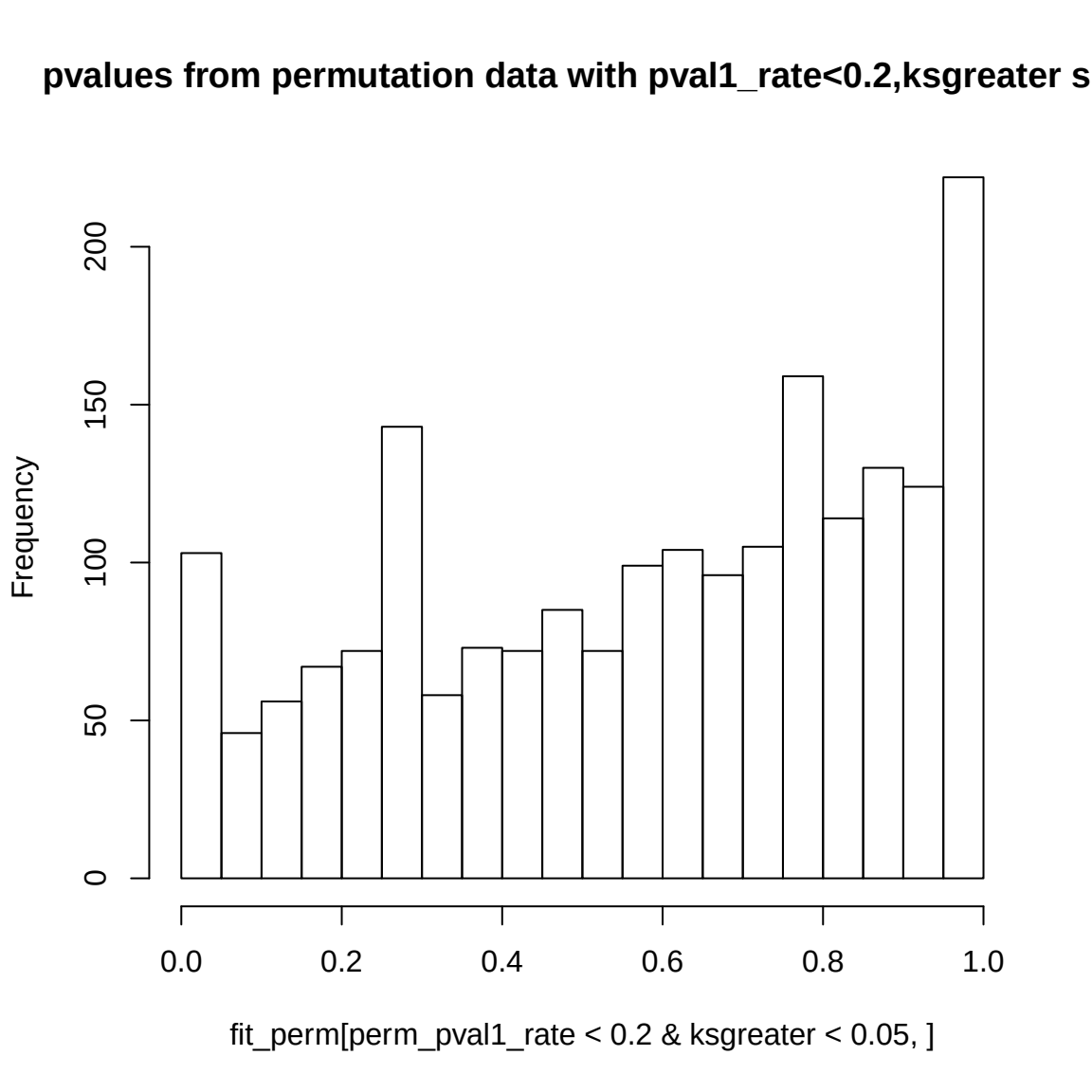

observed pvalues with pval1_rate<0.2,ks no sig
Frequency
0
5
10
15
20
25
30
0.0
0.2
0.4
0.6
0.8
1.0
fit_ob_pval[perm_pval1_rate < 0.2 & ksgreater >= 0.05 & ksless > 0.05]

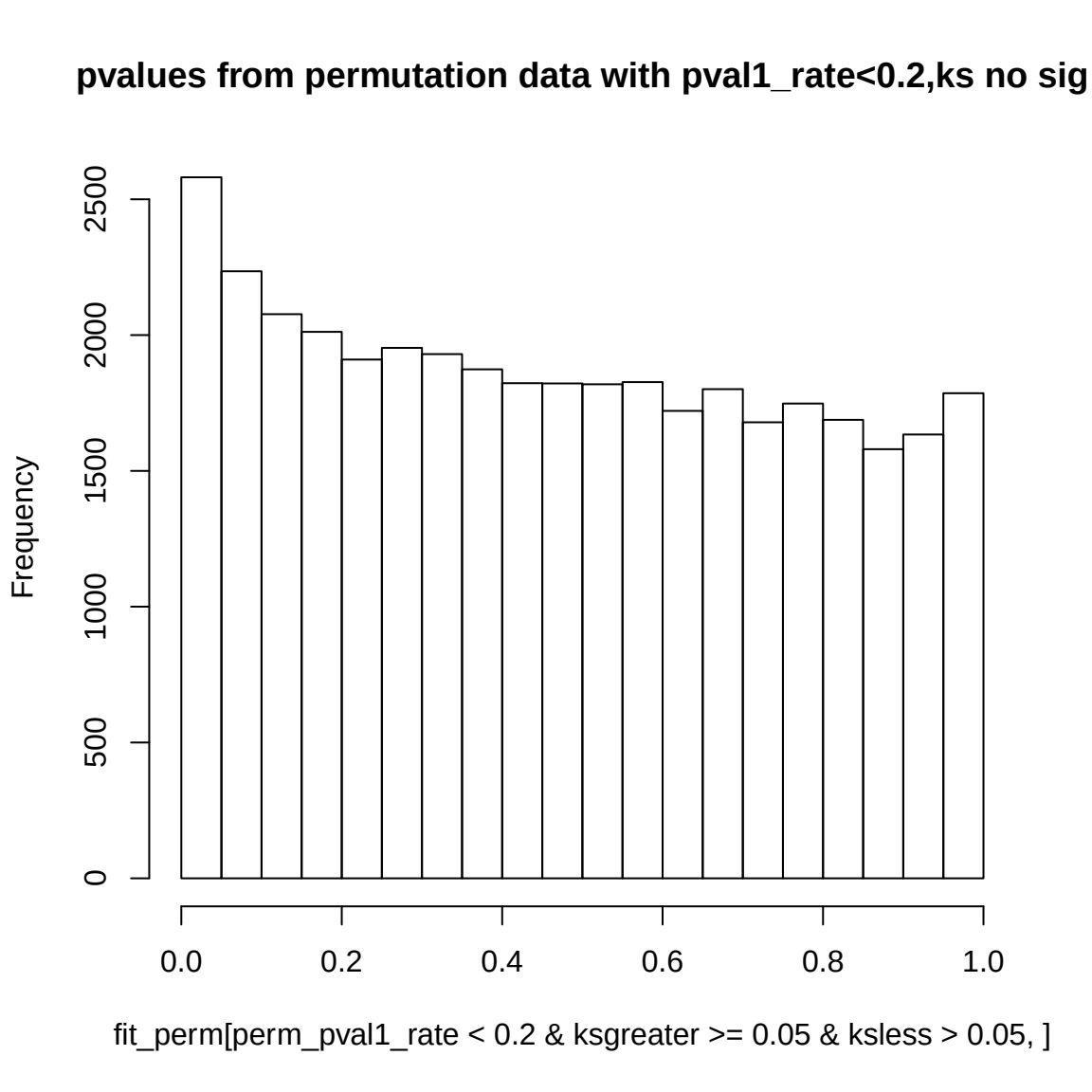

permutation pvalues with pval1_rate<0.2,ksless sig
Frequency
0
5
10
15
20
25
30
0.0
0.2
0.4
0.6
0.8
1.0
rawp[perm_pval1_rate < 0.2 & ksless < 0.05]


permutation pvalues with pval1_rate<0.2,ksgreater sig
Frequency
0.0
0.5
1.0
1.5
2.0
0.0
0.2
0.4
0.6
0.8
1.0
rawp[perm_pval1_rate < 0.2 & ksgreater < 0.05]


permutation pvalues with pval1_rate<0.2,ks no sig
Frequency
0
5
10
15
20
25
30
0.0
0.2
0.4
0.6
0.8
1.0
rawp[perm_pval1_rate < 0.2 & ksgreater >= 0.05 & ksless > 0.05]


pvalues from permutation data with pval1_rate<0.2,ksless sig
Frequency
0
2000
4000
6000
8000
10000
0.0
0.2
0.4
0.6
0.8
1.0
fit_perm[perm_pval1_rate < 0.2 & ksless < 0.05, ]


pvalues from permutation data with pval1_rate<0.2,ksgreater s
Frequency
0
50
100
150
200
0.0
0.2
0.4
0.6
0.8
1.0
fit_perm[perm_pval1_rate < 0.2 & ksgreater < 0.05, ]


pvalues from permutation data with pval1_rate<0.2,ks no sig
Frequency
0
500
1000
1500
2000
2500
0.0
0.2
0.4
0.6
0.8
1.0
fit_perm[perm_pval1_rate < 0.2 & ksgreater >= 0.05 & ksless > 0.05, ]