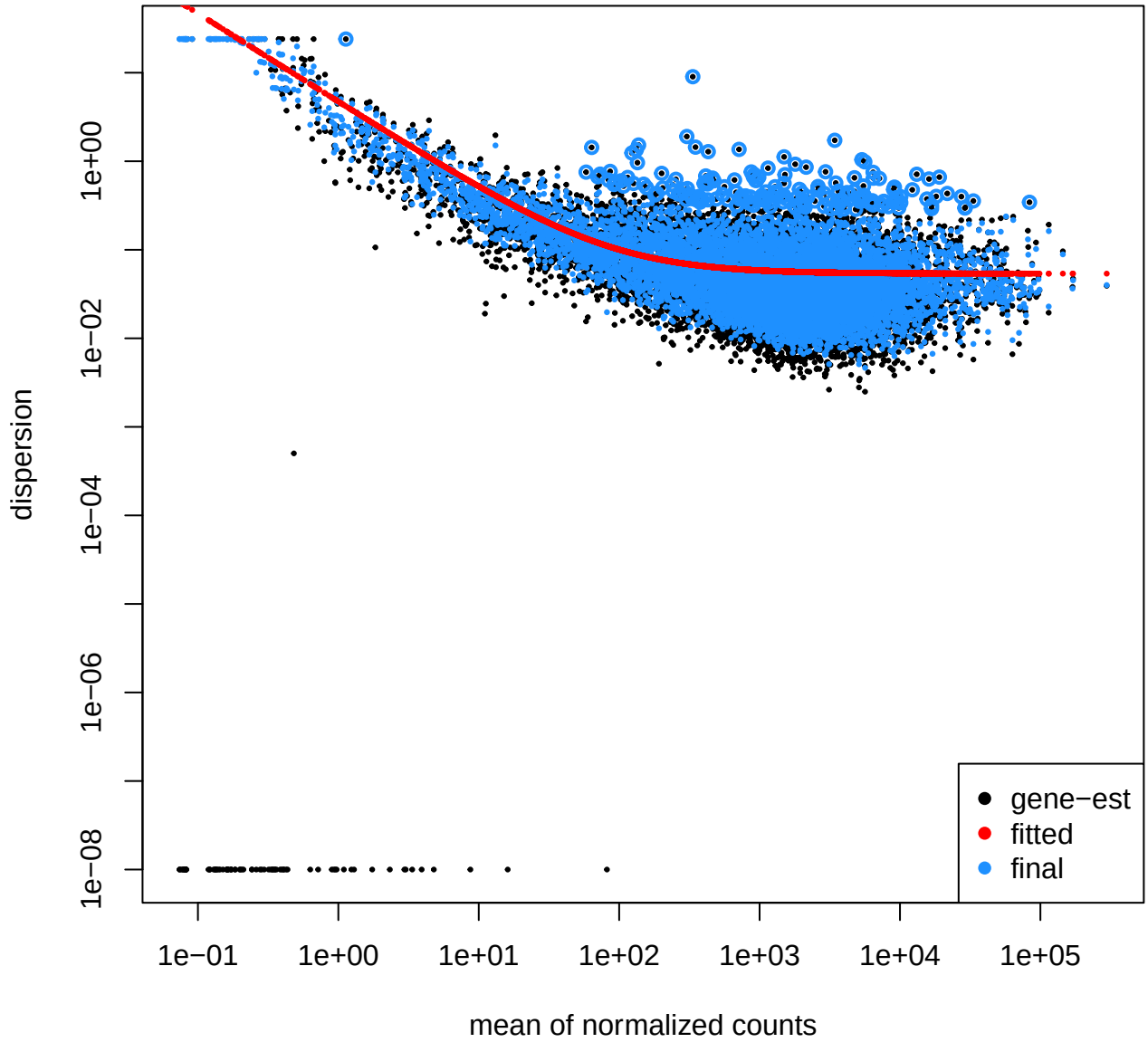
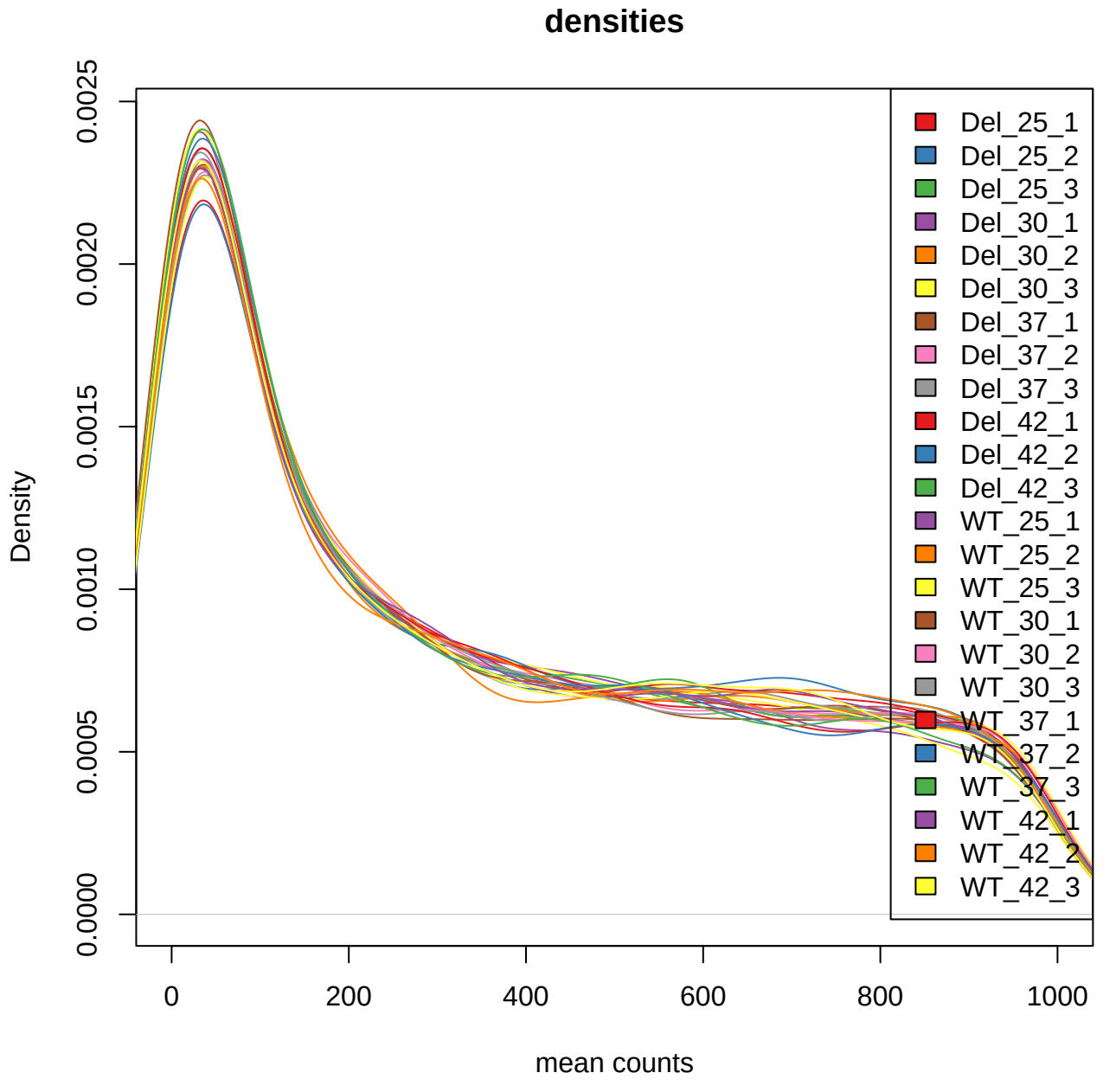
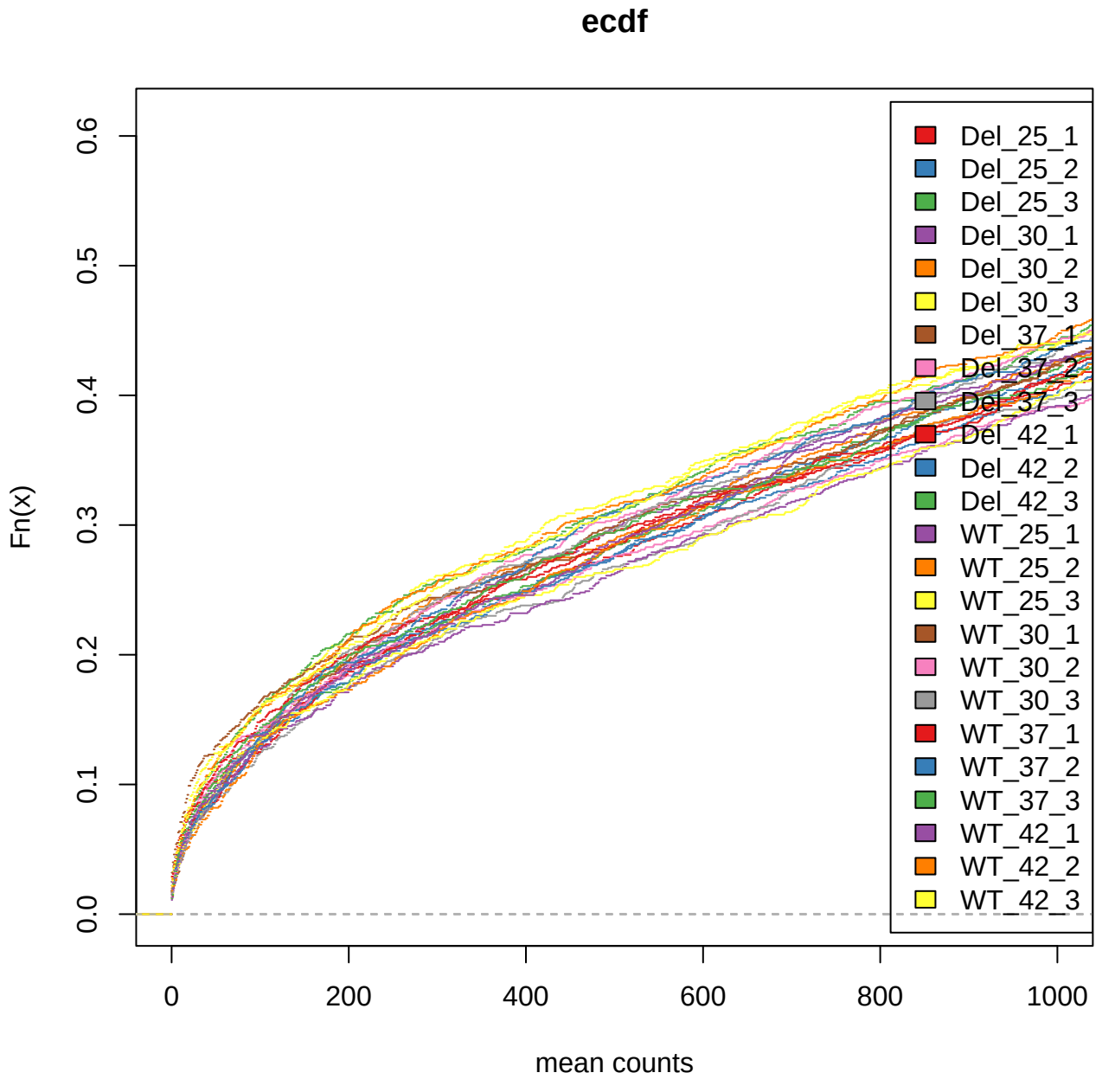
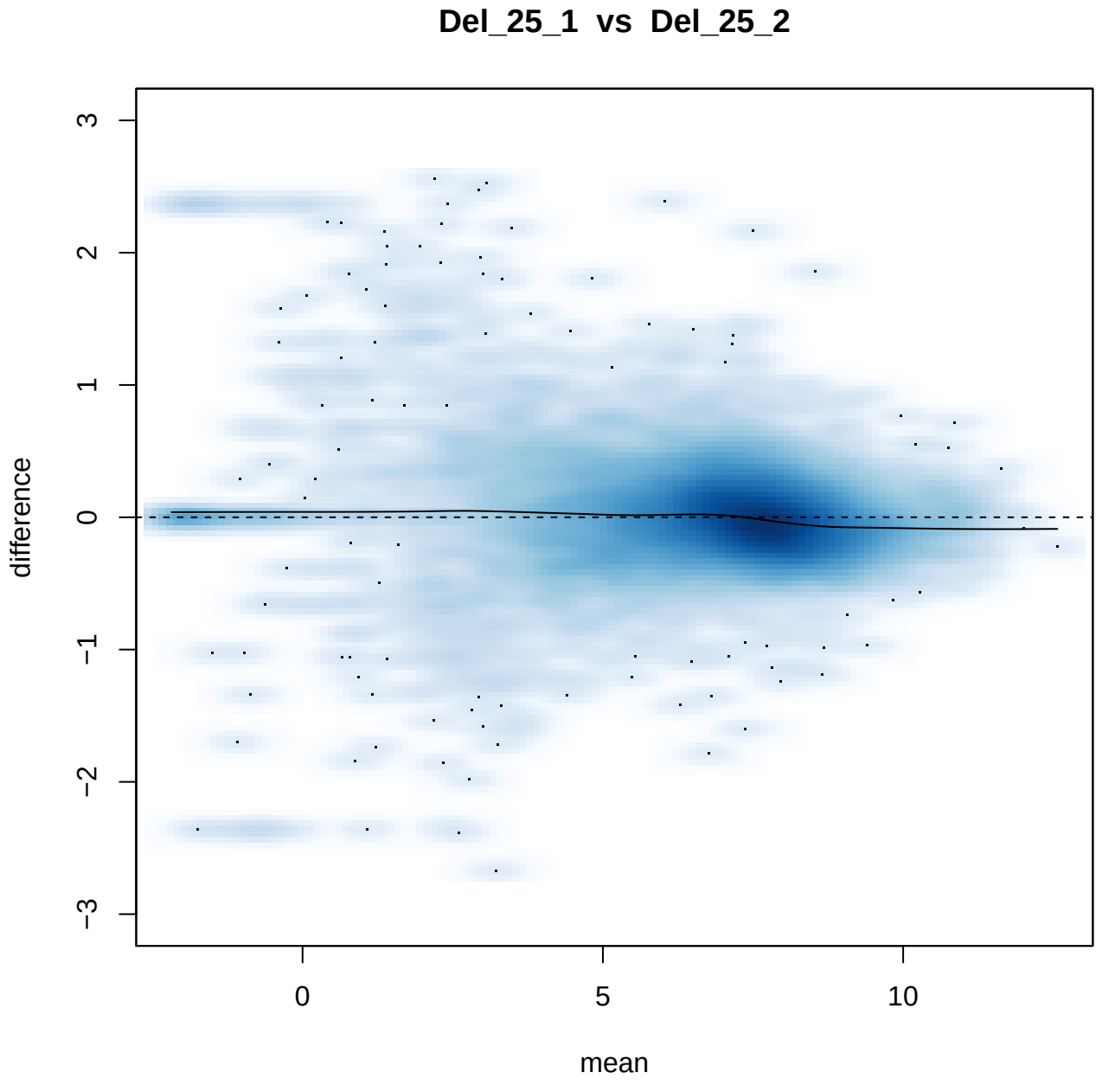
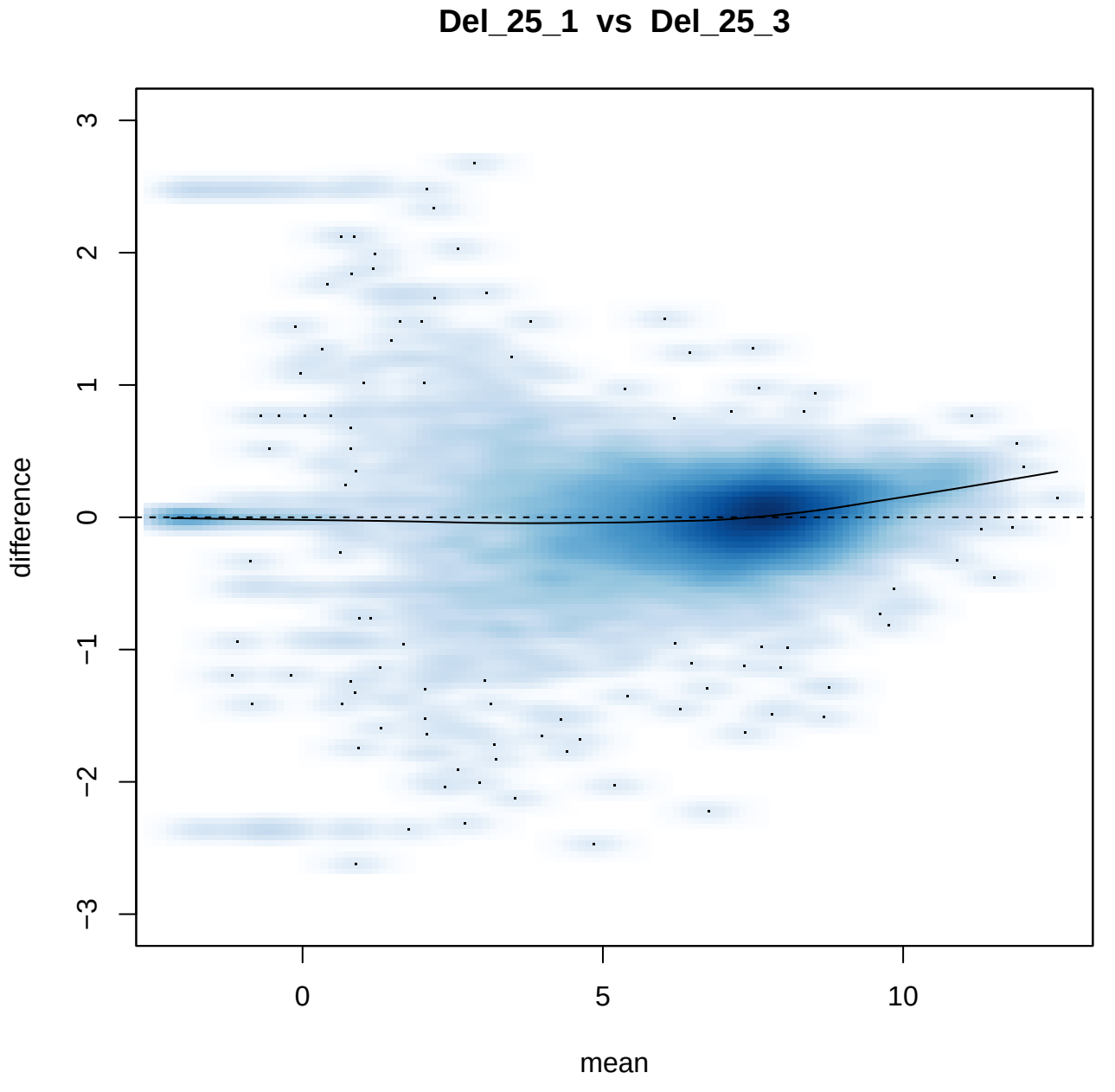
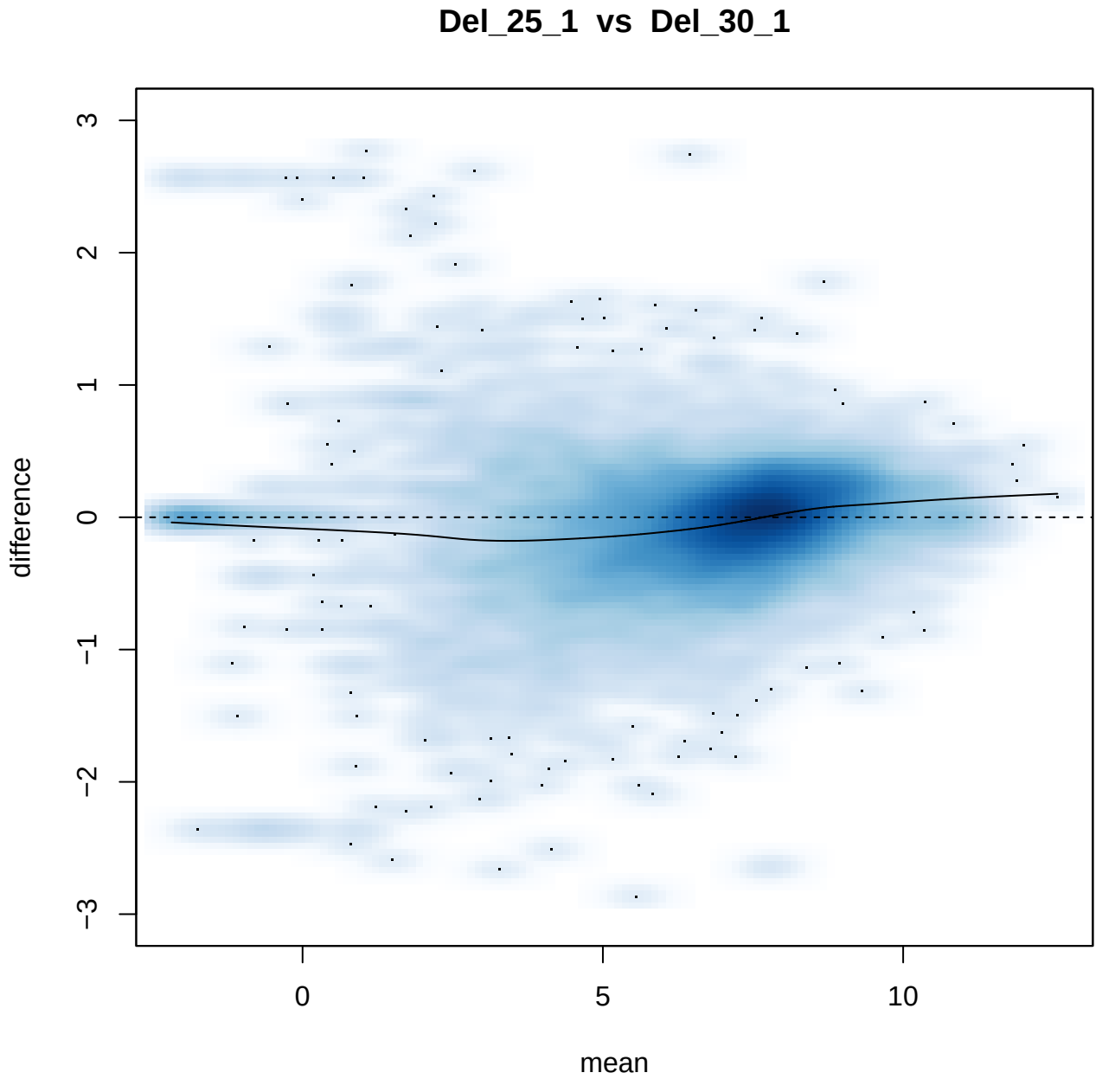

dispersion
1e+00
1e−02
1e−04
1e−06
1e−08
1e−01
1e+00
1e+01
1e+02
1e+03
1e+04
1e+05
mean of normalized counts
gene−est
fitted
final

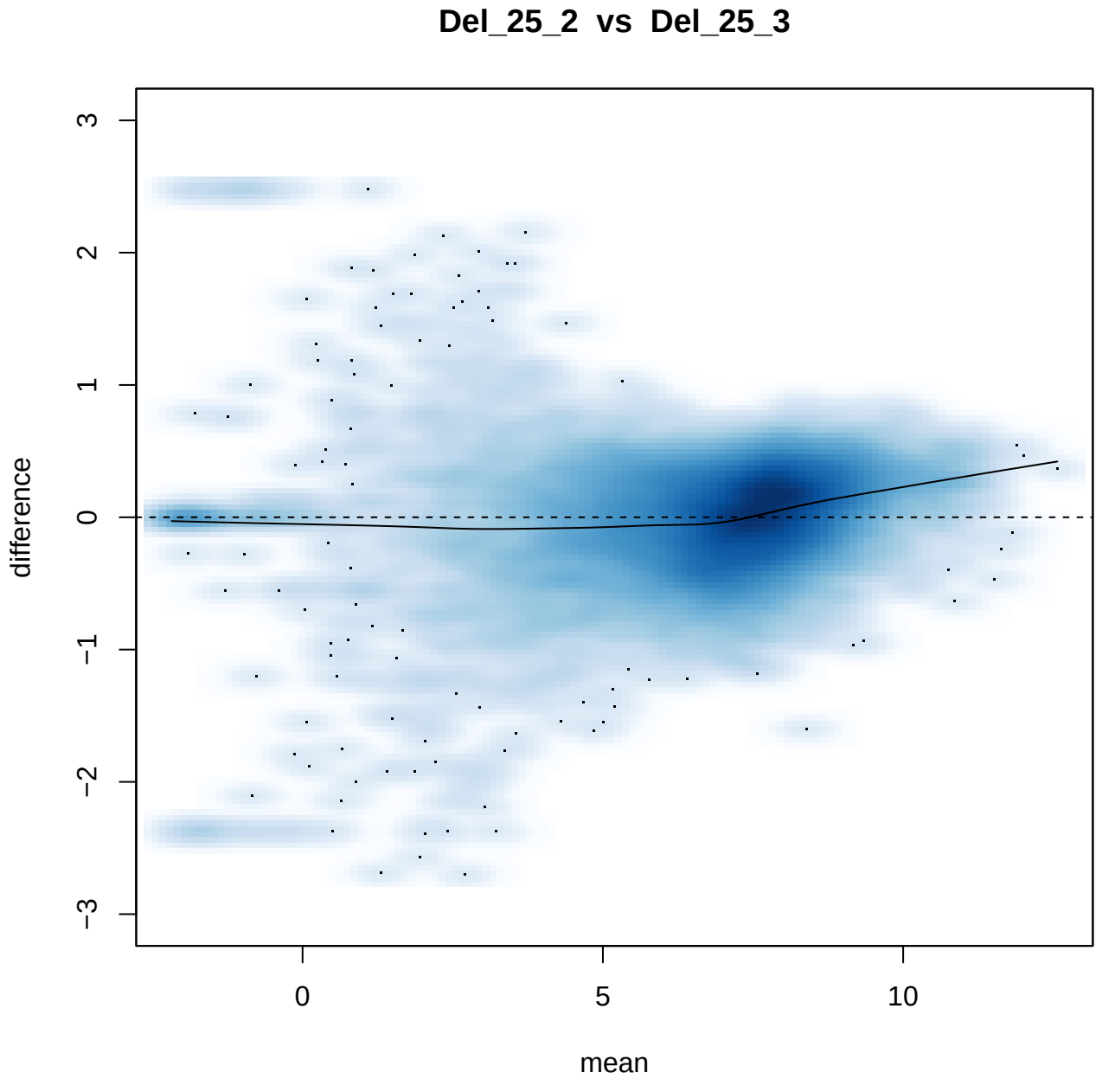

densities
Density
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0
200
400
600
800
1000
mean counts
Del_25_1
Del_25_2
Del_25_3
Del_30_1
Del_30_2
Del_30_3
Del_37_1
Del_37_2
Del_37_3
Del_42_1
Del_42_2
Del_42_3
WT_25_1
WT_25_2
WT_25_3
WT_30_1
WT_30_2
WT_30_3
WT_37_1
WT_37_2
WT_37_3
WT_42_1
WT_42_2
WT_42_3

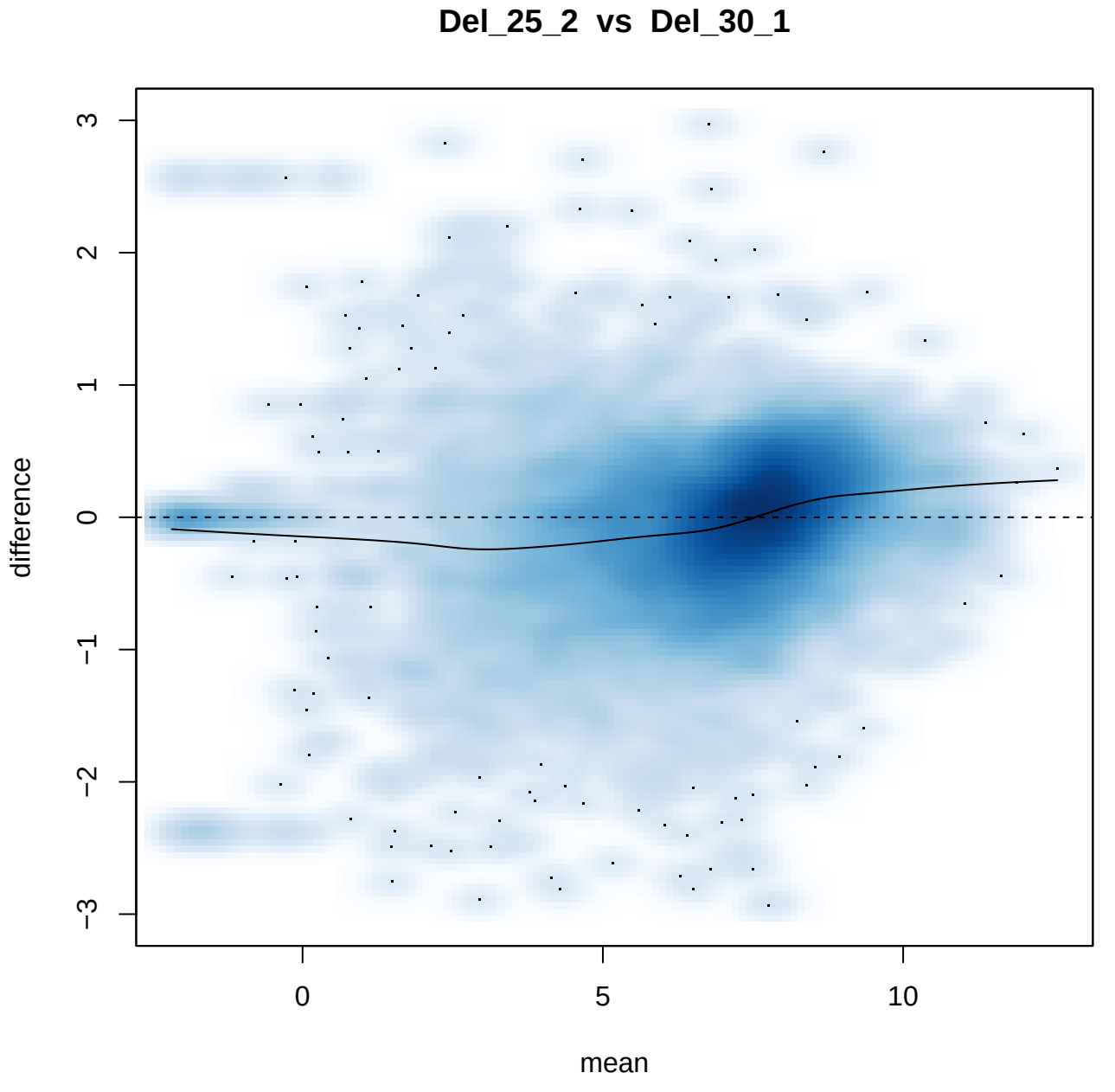

ecdf
Fn(x)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0
200
400
600
800
1000
mean counts
Del_25_1
Del_25_2
Del_25_3
Del_30_1
Del_30_2
Del_30_3
Del_37_1
Del_37_2
Del_37_3
Del_42_1
Del_42_2
Del_42_3
WT_25_1
WT_25_2
WT_25_3
WT_30_1
WT_30_2
WT_30_3
WT_37_1
WT_37_2
WT_37_3
WT_42_1
WT_42_2
WT_42_3

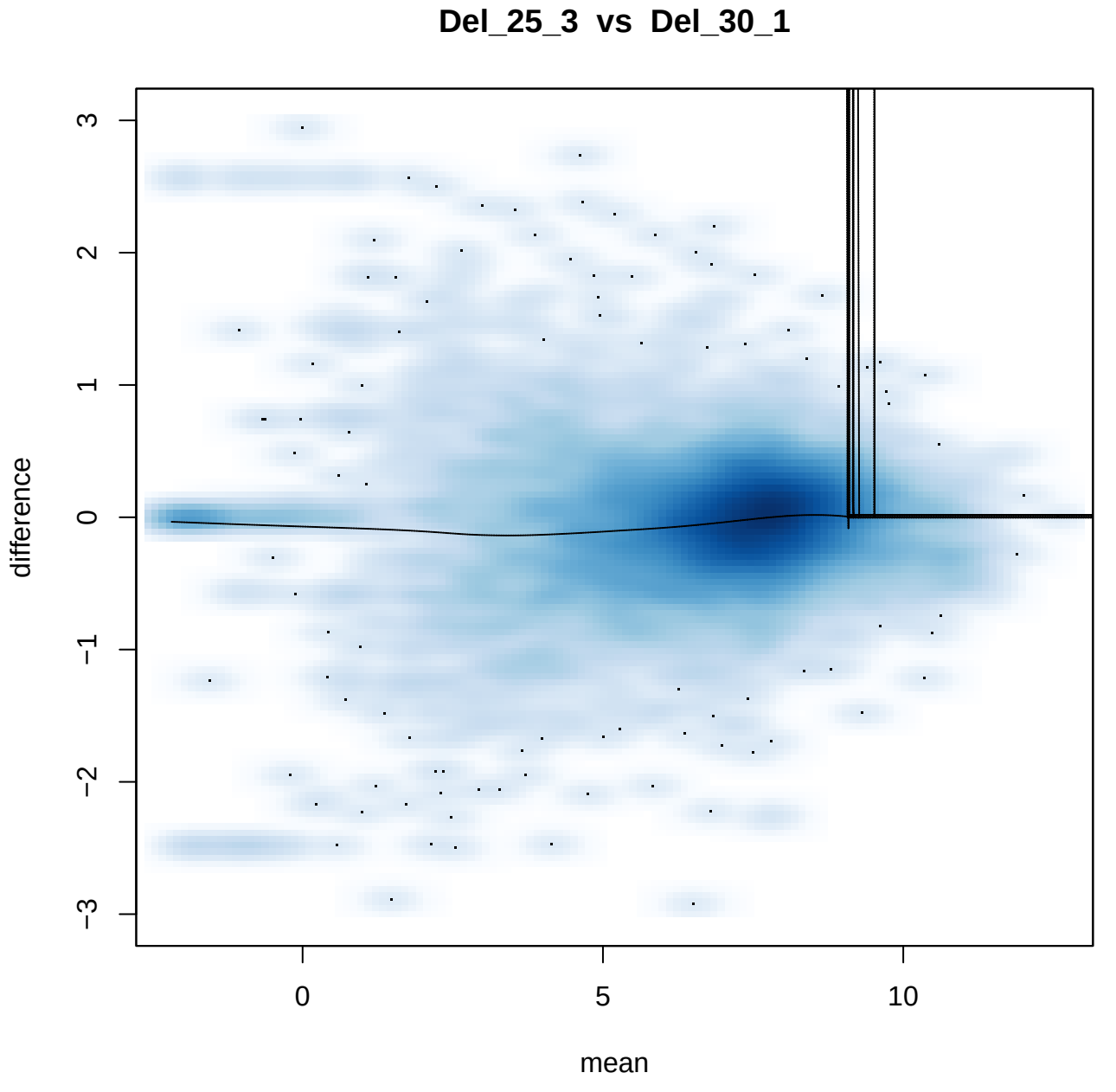

Del_25_1 vs Del_25_2
difference
mean
3
2
1
0
−1
−2
−3
0
5
10


Del_25_1 vs Del_25_3
difference
mean
3
2
1
0
−1
−2
−3
0
5
10

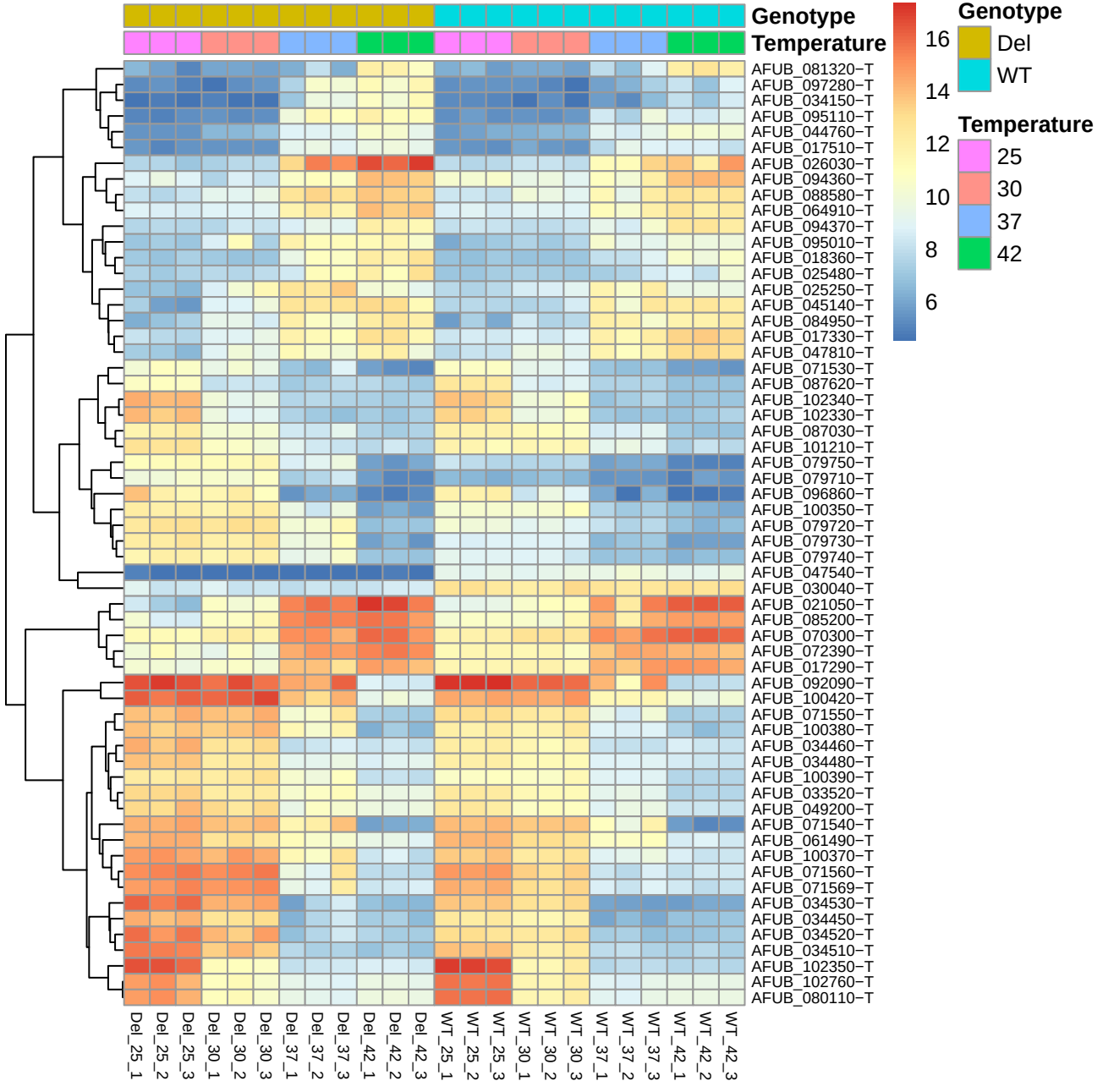

Del_25_1 vs Del_30_1
difference
mean
3
2
1
0
−1
−2
−3
0
5
10


Del_25_2 vs Del_25_3
difference
mean
3
2
1
0
−1
−2
−3
0
5
10

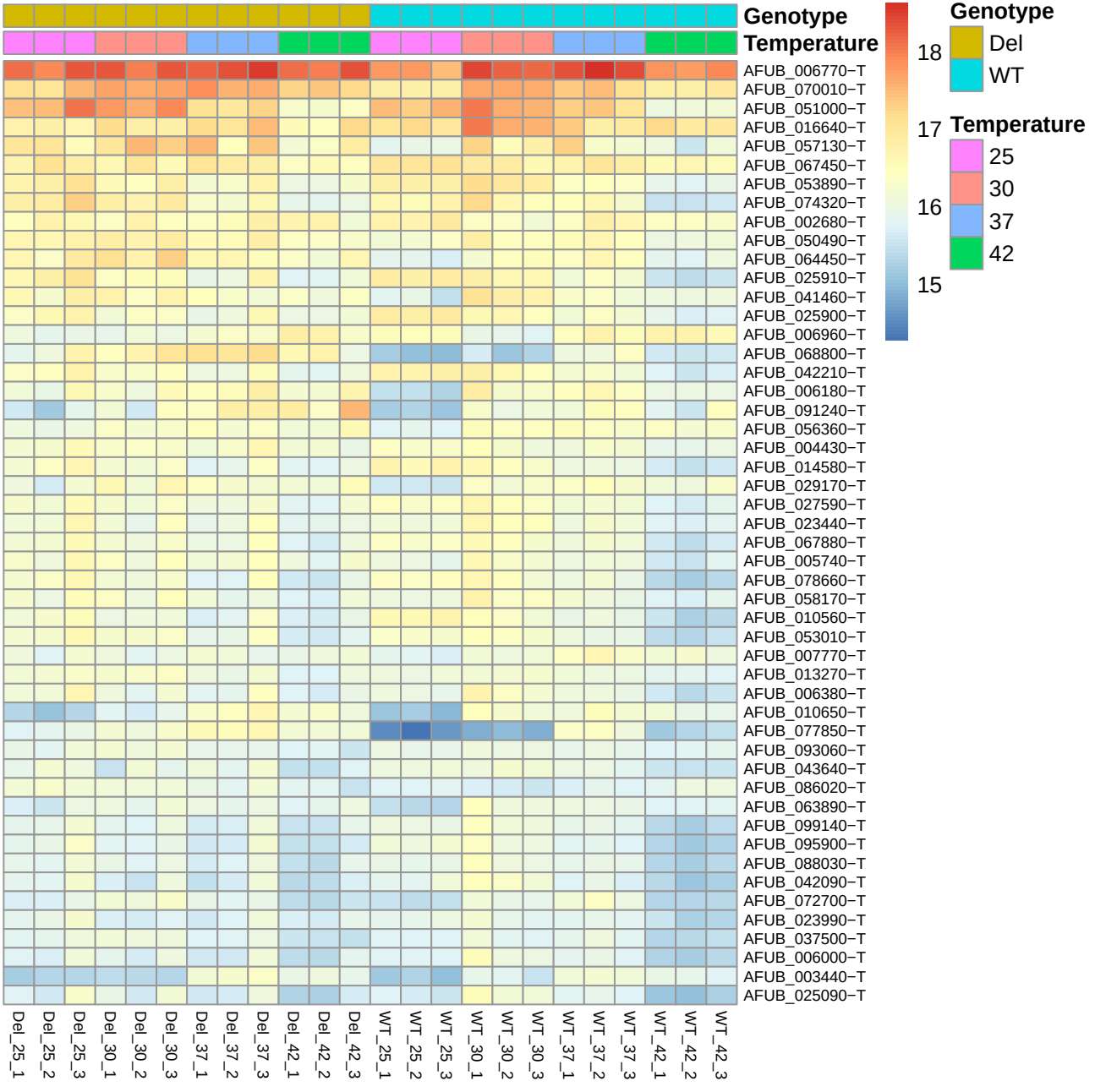

Del_25_2 vs Del_30_1
difference
mean
3
2
1
0
−1
−2
−3
0
5
10


Del_25_3 vs Del_30_1
difference
mean
3
2
1
0
−1
−2
−3
0
5
10

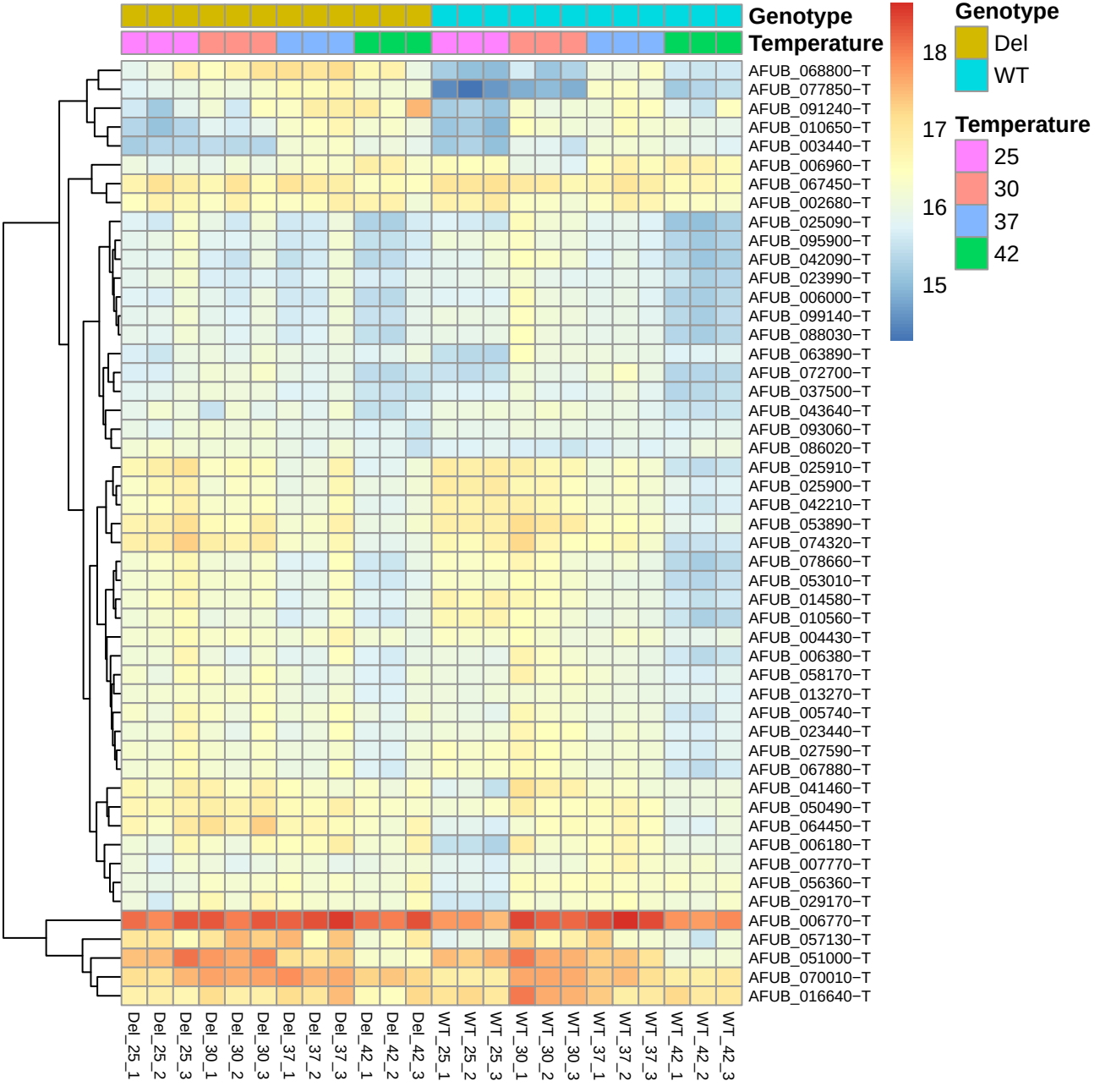
VSD Most different



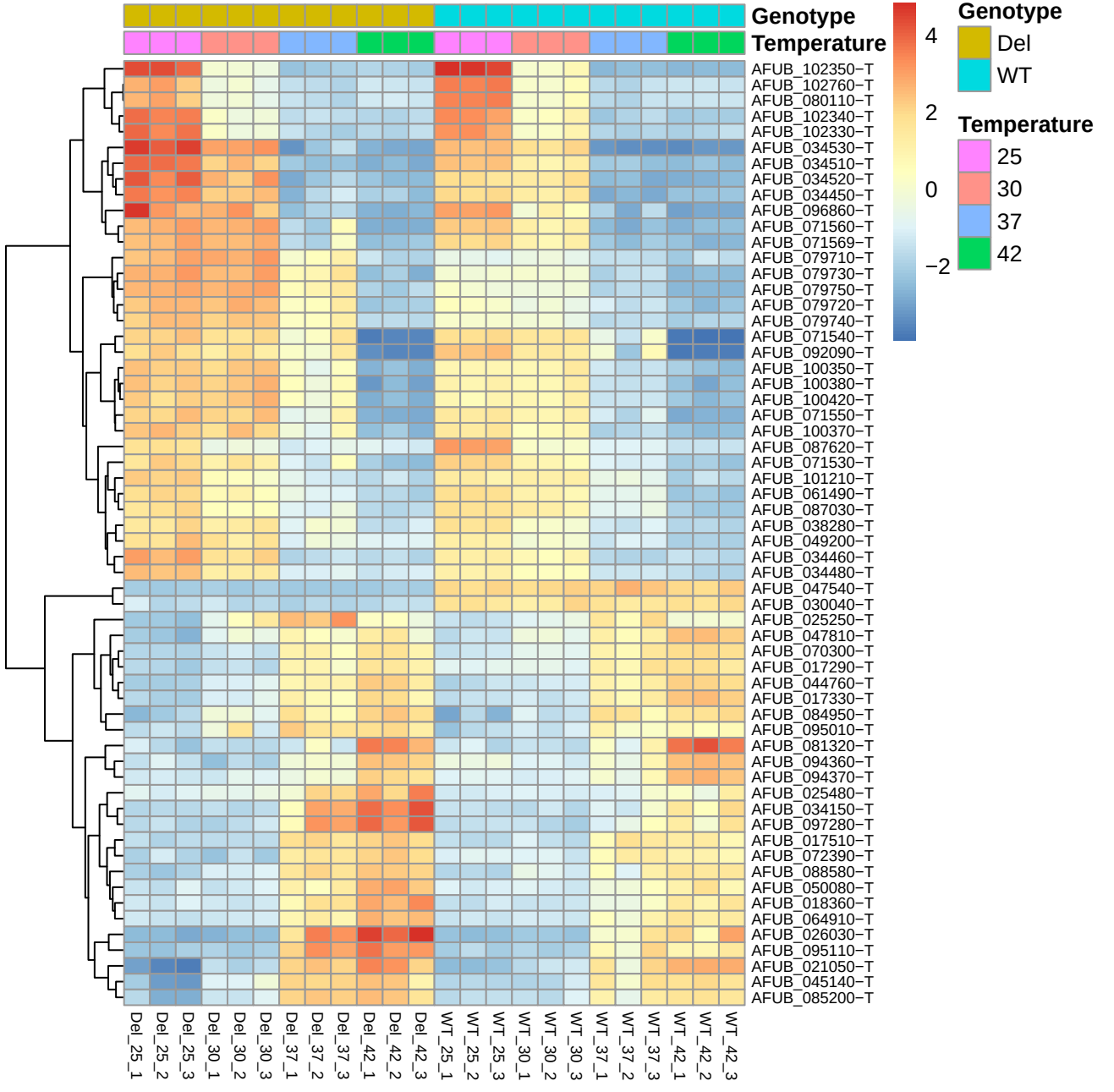
RLD Top Expression

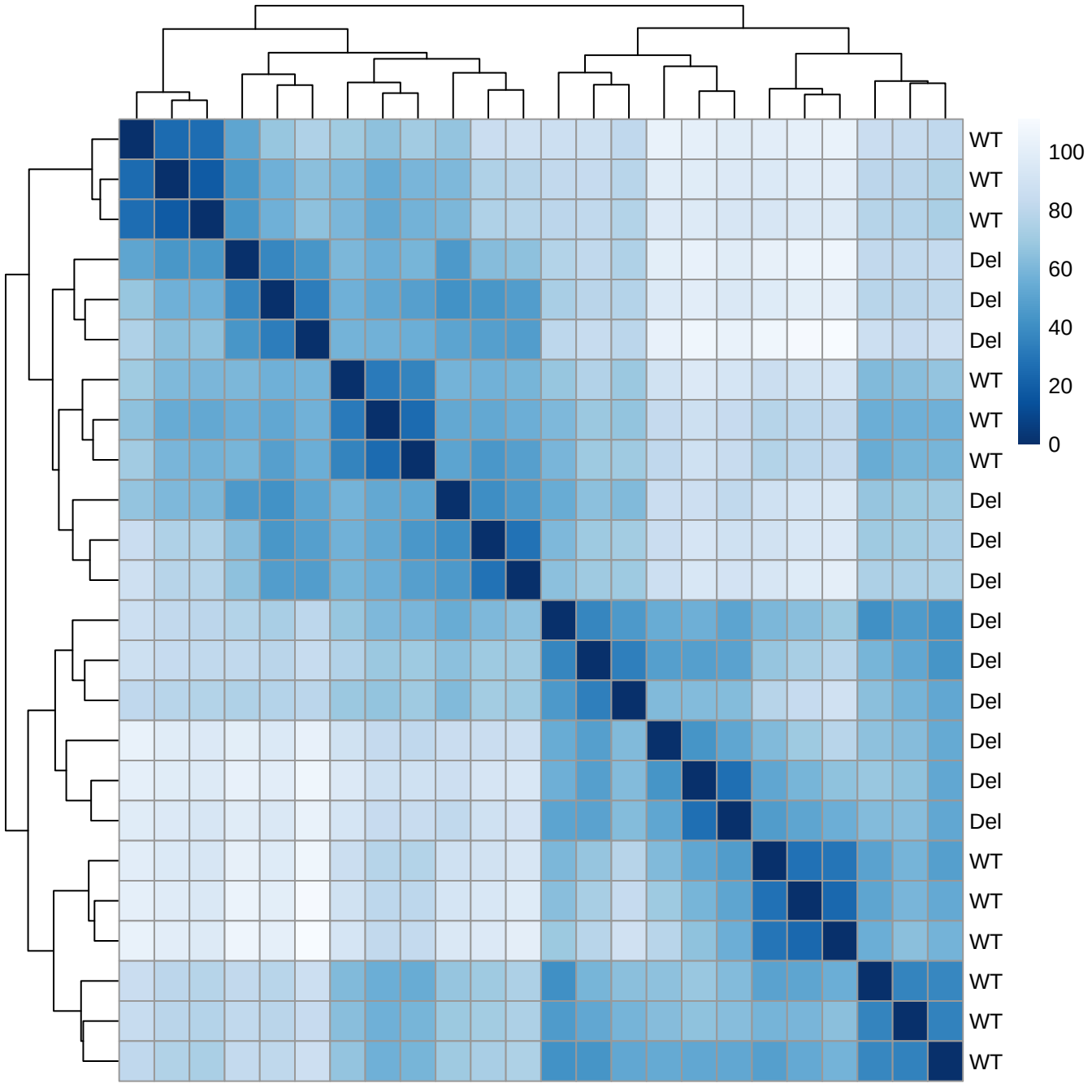


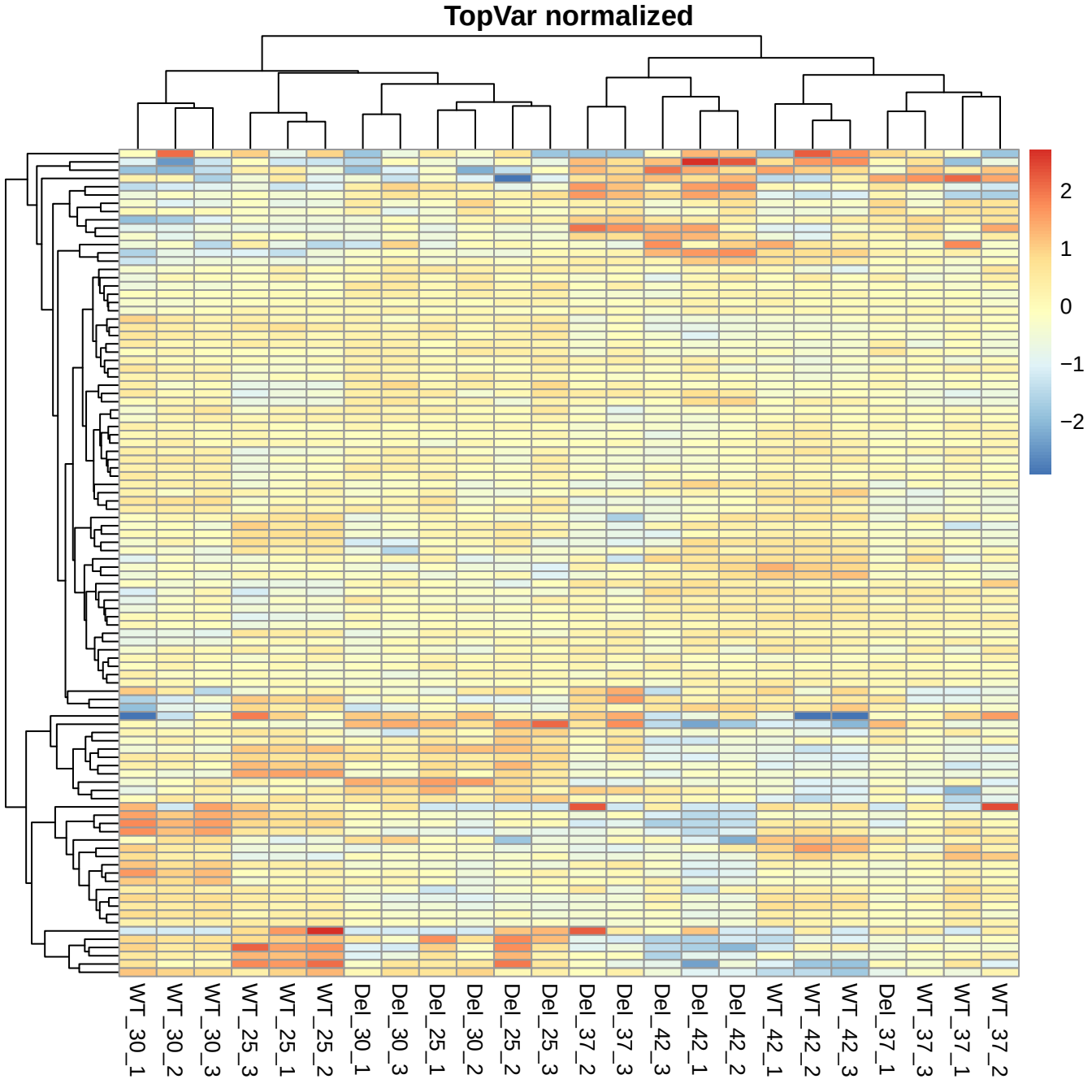
RLD Top Expression

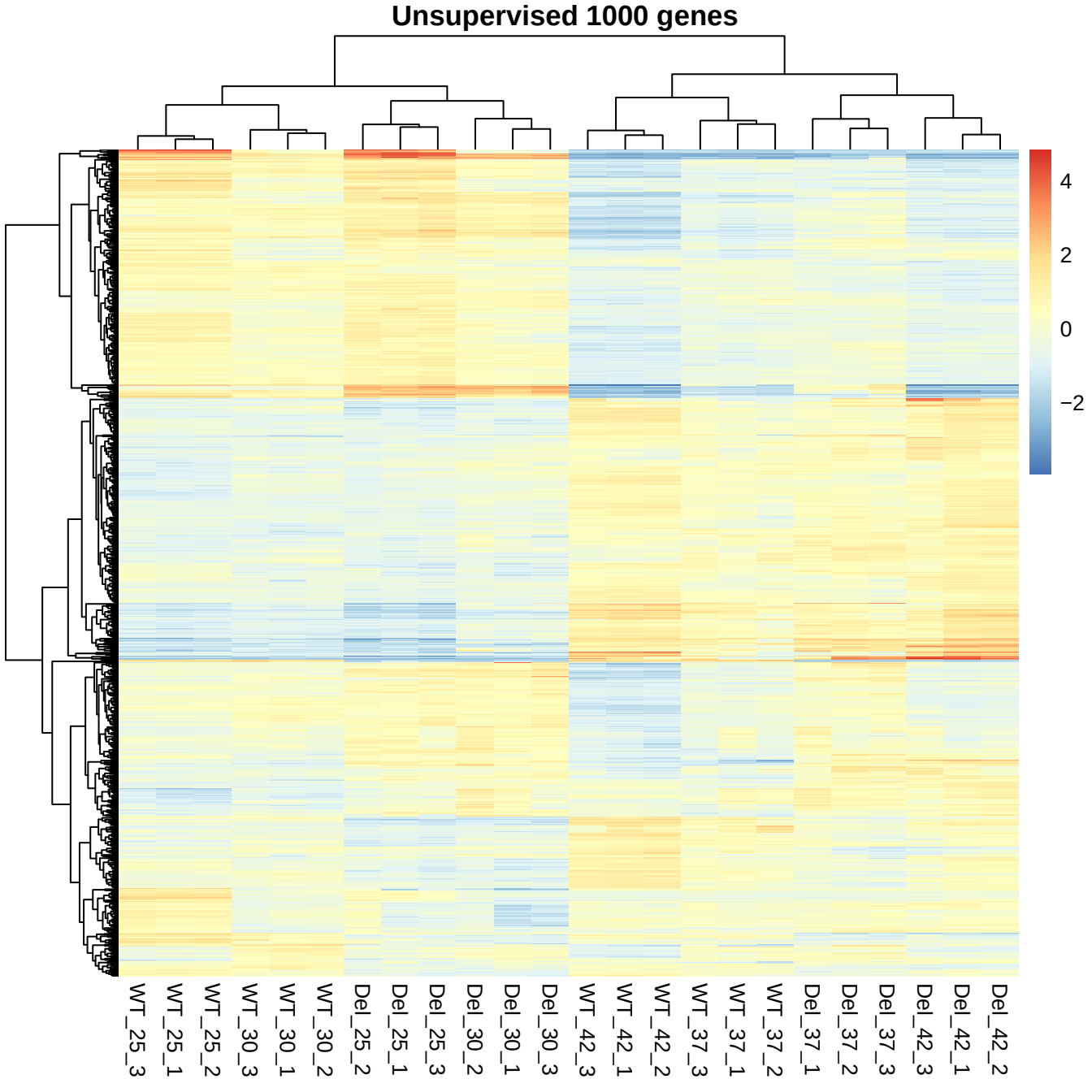


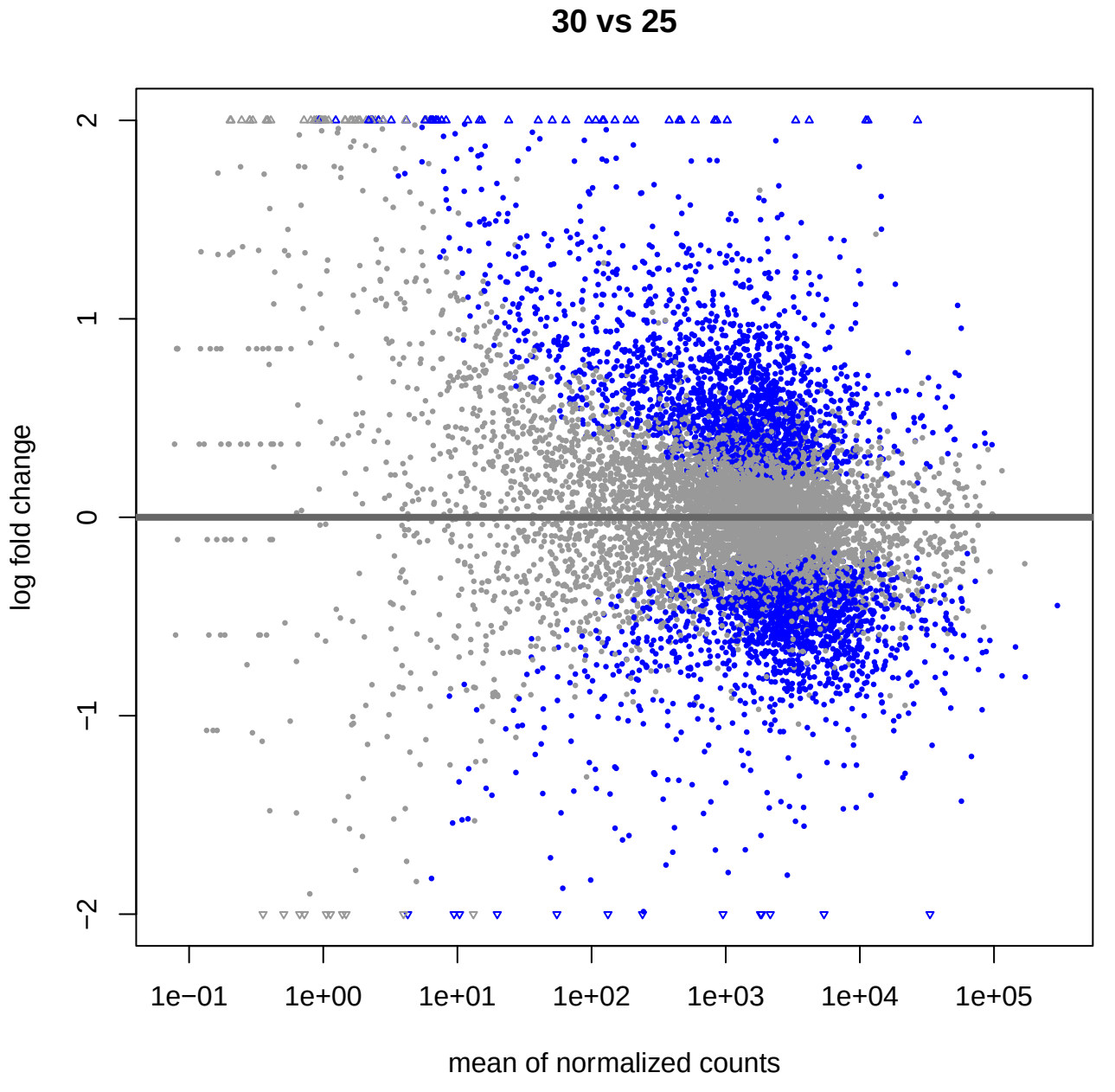
RLD Most different

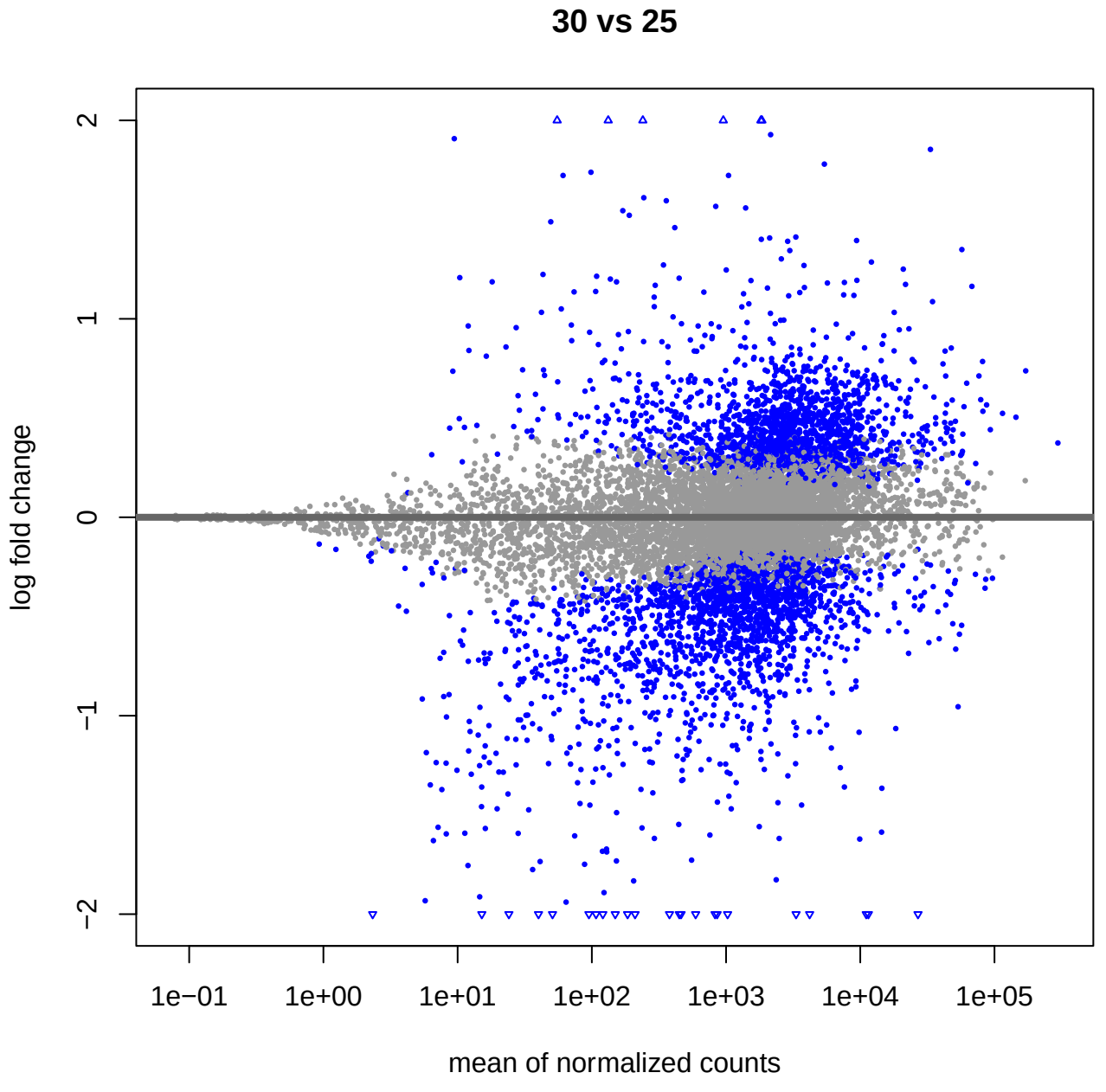


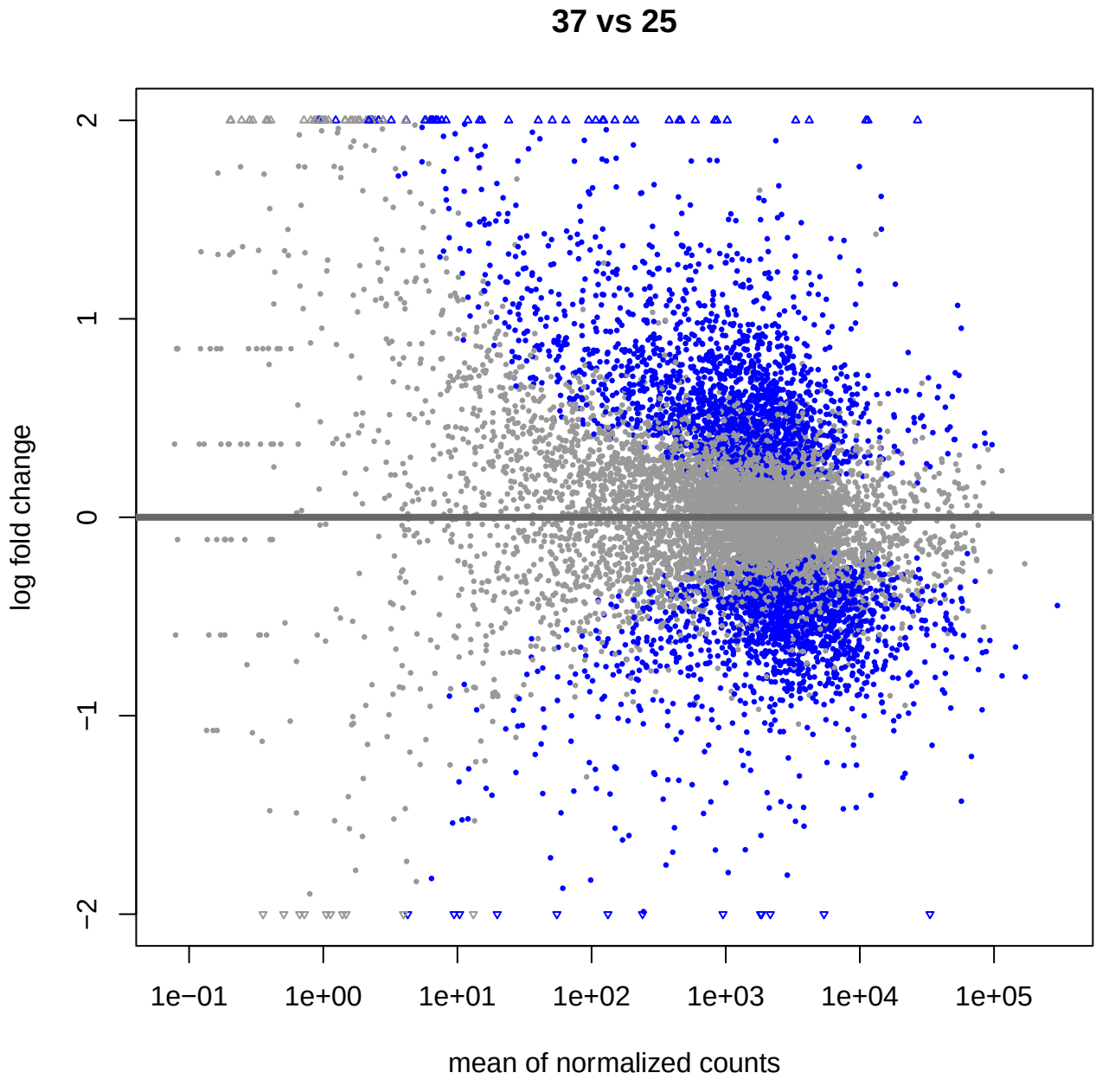

WT
WT
WT
Del
Del
Del
WT
WT
WT
Del
Del
Del
Del
Del
Del
Del
Del
Del
WT
WT
WT
WT
WT
WT
100
80
60
40
20
0

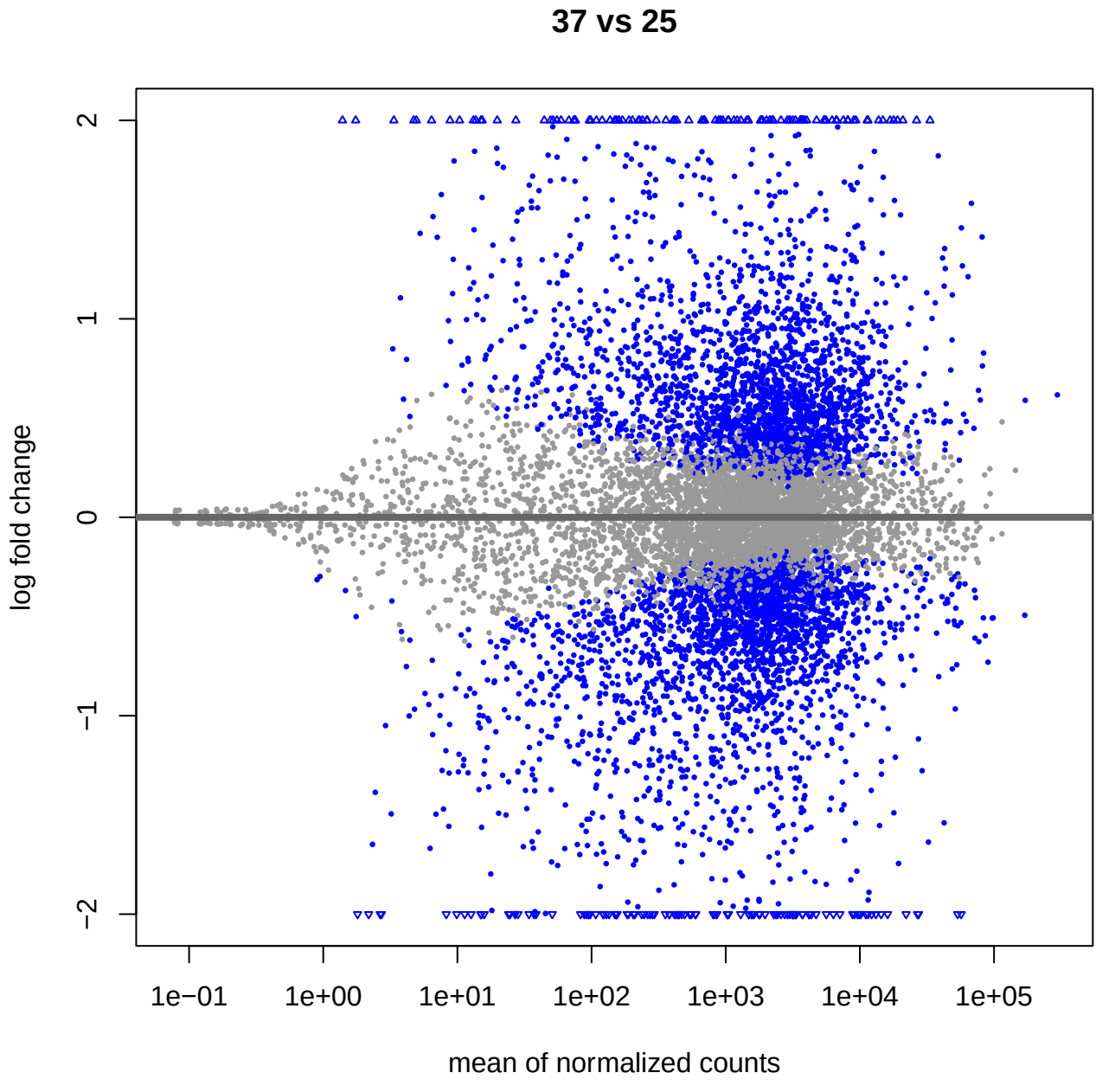

TopVar normalized
2
1
0
−1
−2
WT_30_1
WT_30_2
WT_30_3
WT_25_3
WT_25_1
WT_25_2
Del_30_1
Del_30_3
Del_25_1
Del_30_2
Del_25_2
Del_25_3
Del_37_2
Del_37_3
Del_42_3
Del_42_1
Del_42_2
WT_42_1
WT_42_2
WT_42_3
Del_37_1
WT_37_3
WT_37_1
WT_37_2

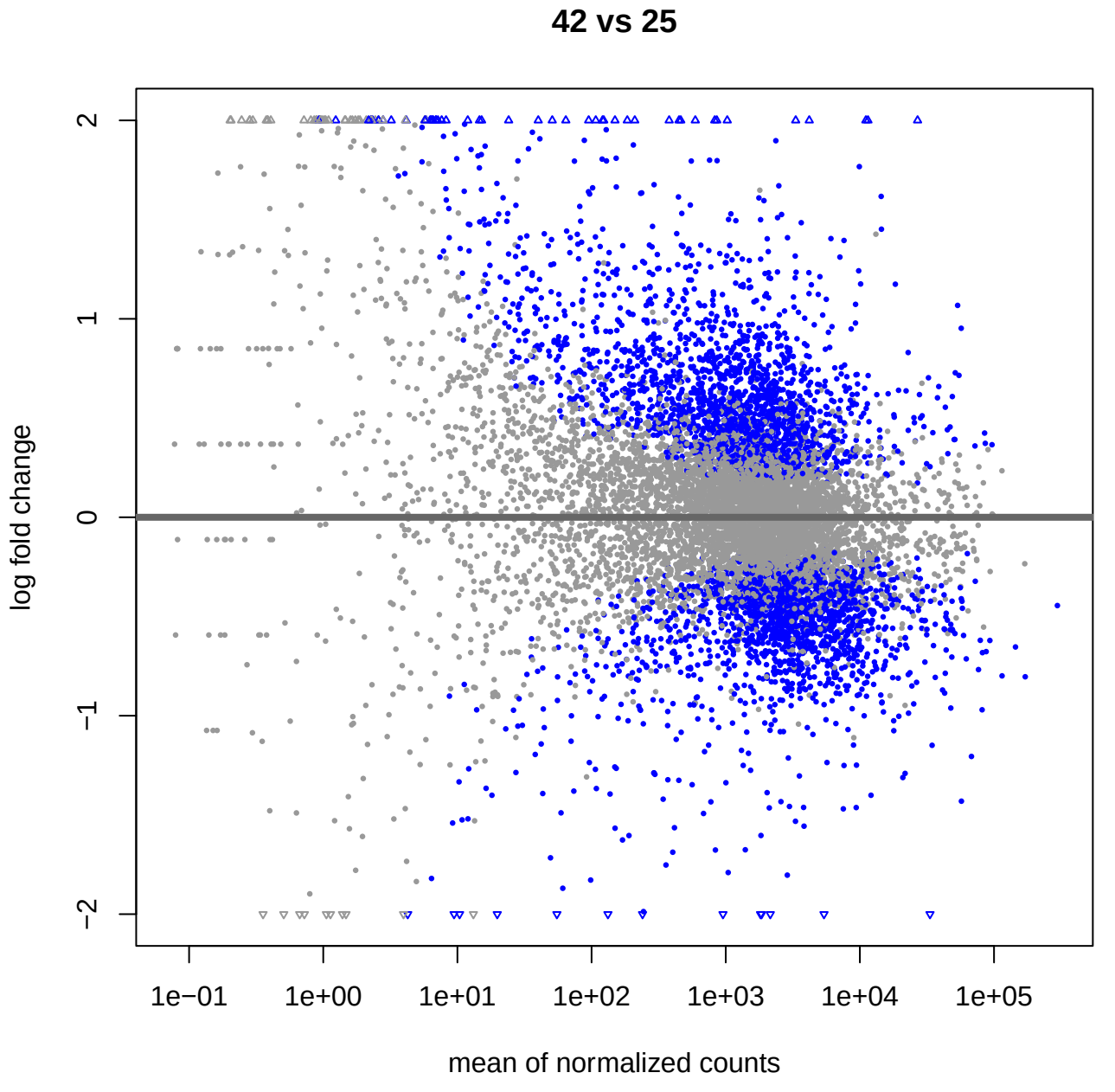

Unsupervised 1000 genes
4
2
0
−2
WT_25_3
WT_25_1
WT_25_2
WT_30_3
WT_30_1
WT_30_2
Del_25_2
Del_25_1
Del_25_3
Del_30_2
Del_30_1
Del_30_3
WT_42_3
WT_42_1
WT_42_2
WT_37_3
WT_37_1
WT_37_2
Del_37_1
Del_37_2
Del_37_3
Del_42_3
Del_42_1
Del_42_2

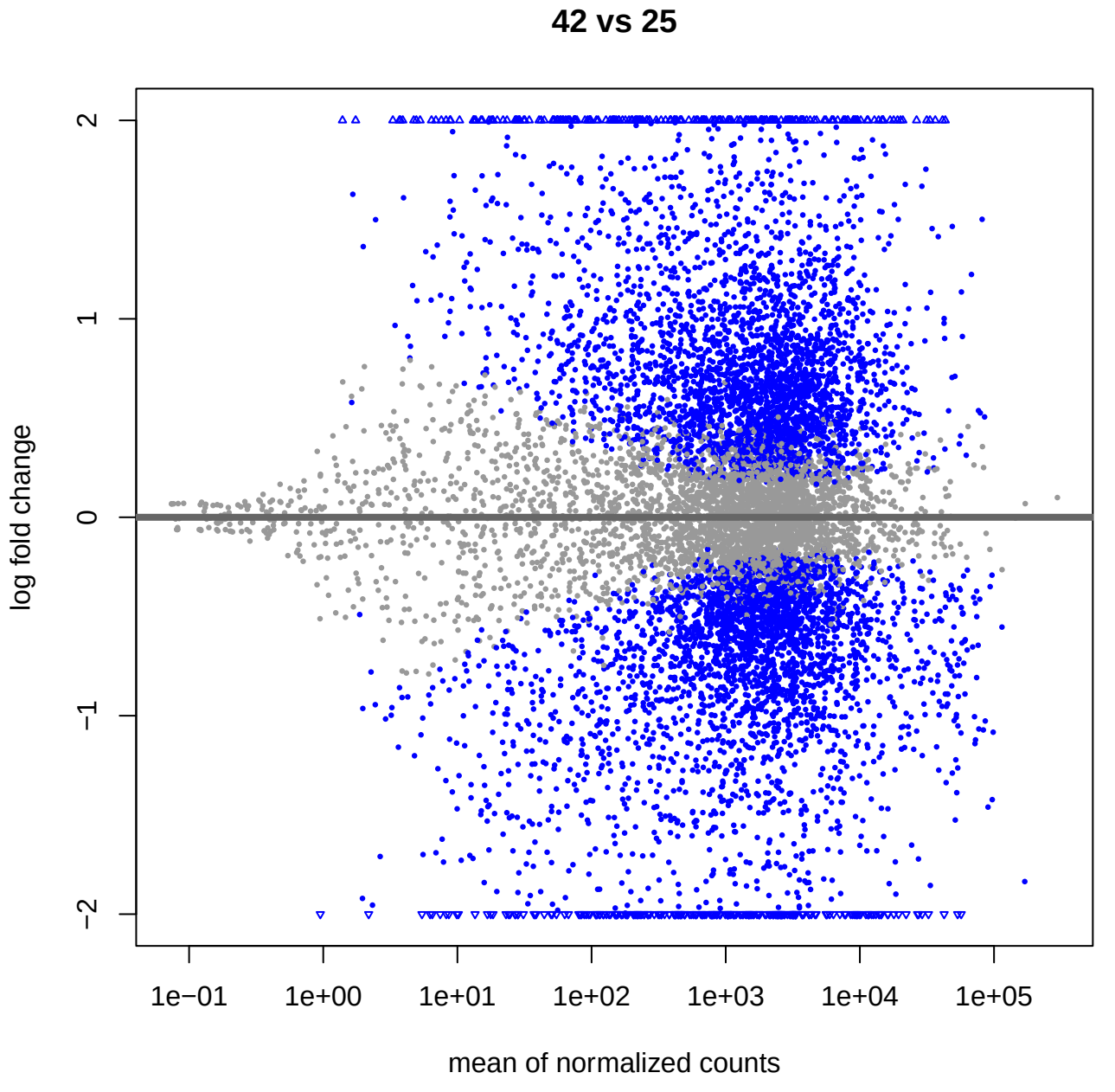

30 vs 25
log fold change
2
1
0
−1
−2
1e−01
1e+00
1e+01
1e+02
1e+03
1e+04
1e+05
mean of normalized counts


30 vs 25
log fold change
2
1
0
−1
−2
1e−01
1e+00
1e+01
1e+02
1e+03
1e+04
1e+05
mean of normalized counts

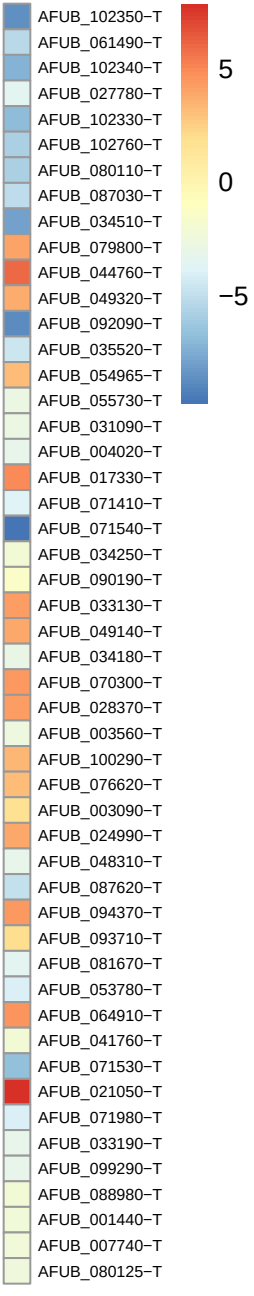
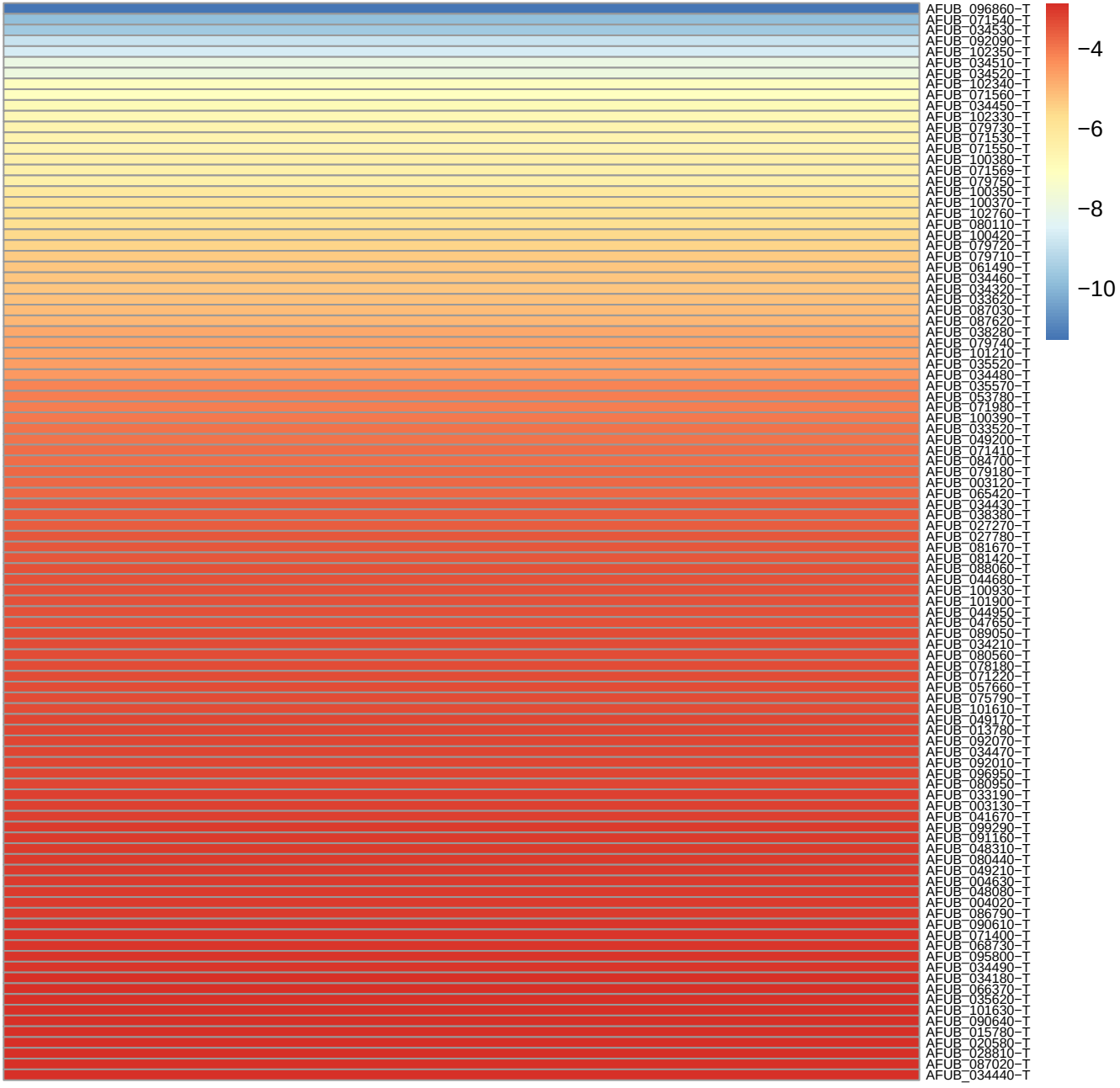

37 vs 25
log fold change
2
1
0
−1
−2
1e−01
1e+00
1e+01
1e+02
1e+03
1e+04
1e+05
mean of normalized counts


37 vs 25
log fold change
2
1
0
−1
−2
1e−01
1e+00
1e+01
1e+02
1e+03
1e+04
1e+05
mean of normalized counts


42 vs 25
log fold change
2
1
0
−1
−2
1e−01
1e+00
1e+01
1e+02
1e+03
1e+04
1e+05
mean of normalized counts


42 vs 25
log fold change
2
1
0
−1
−2
1e−01
1e+00
1e+01
1e+02
1e+03
1e+04
1e+05
mean of normalized counts

Log(2) fold change of 42 vs 25



Fold Change Plot Down