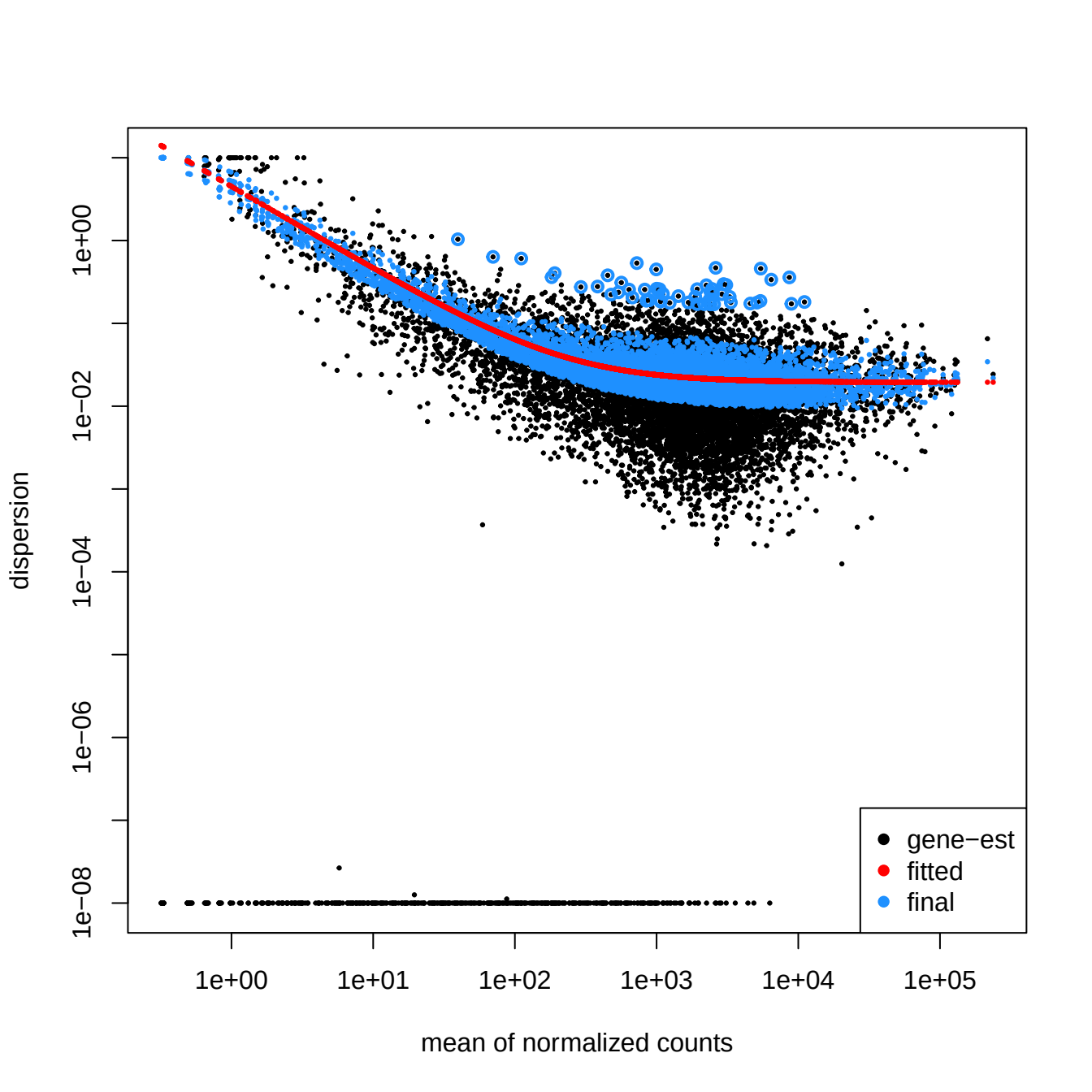
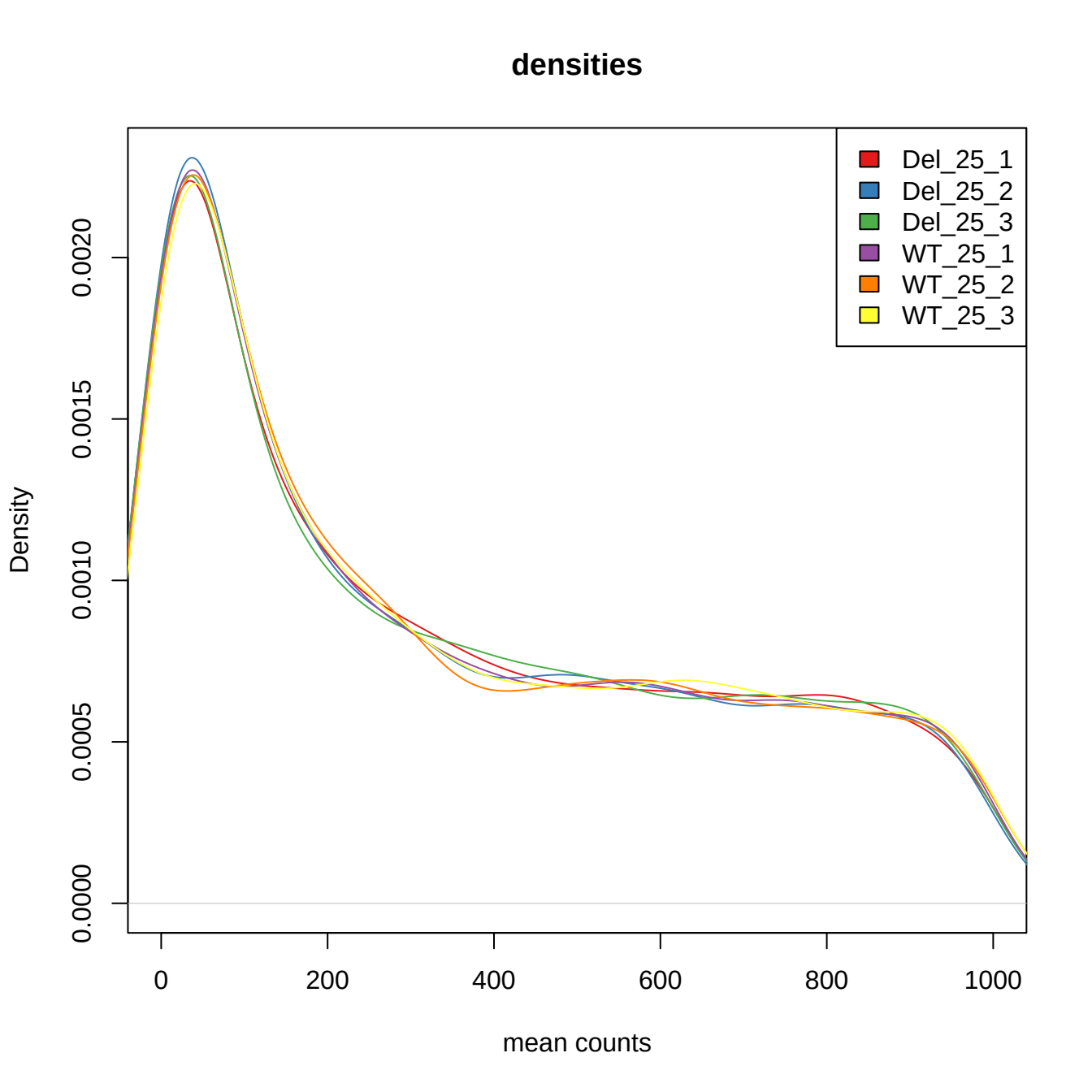
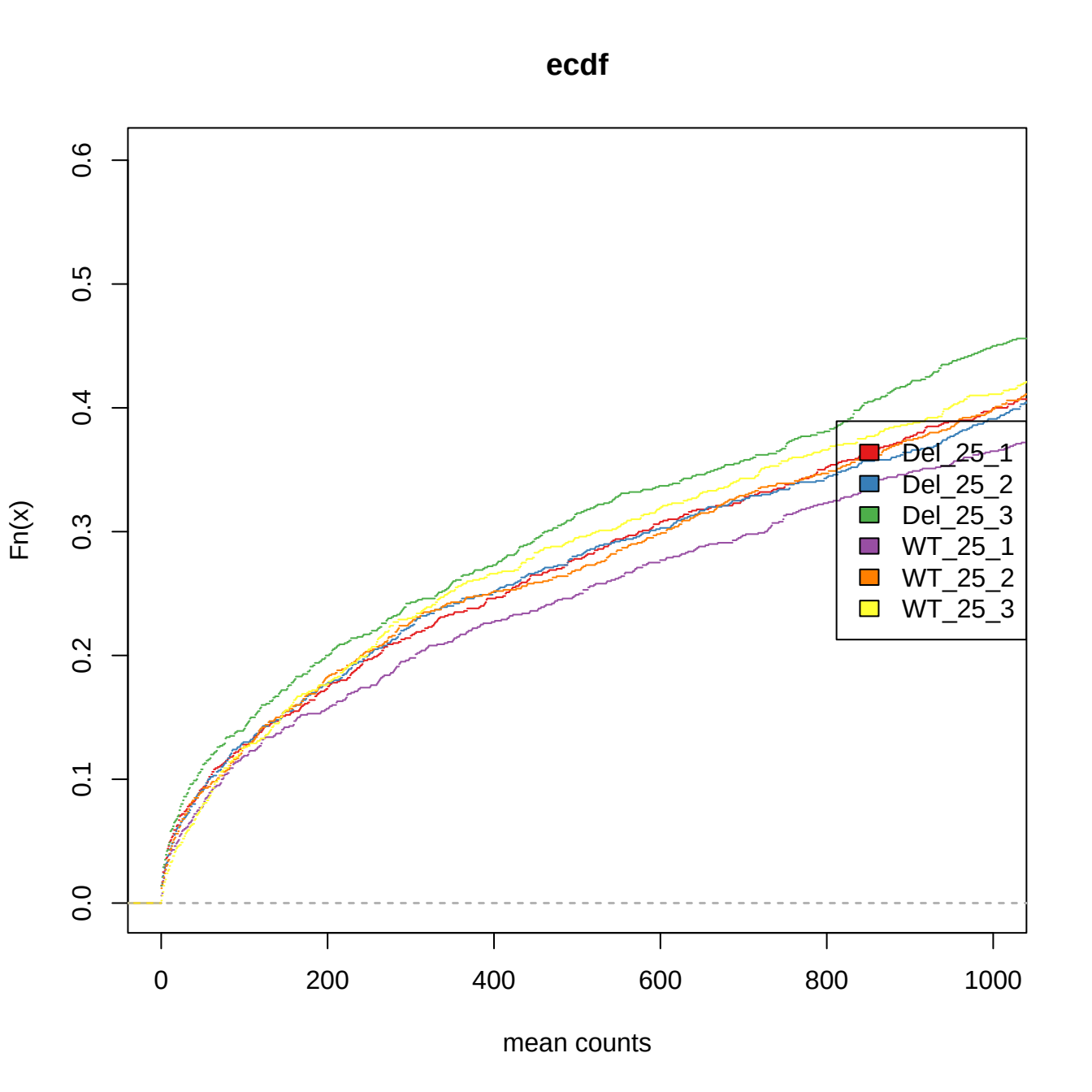
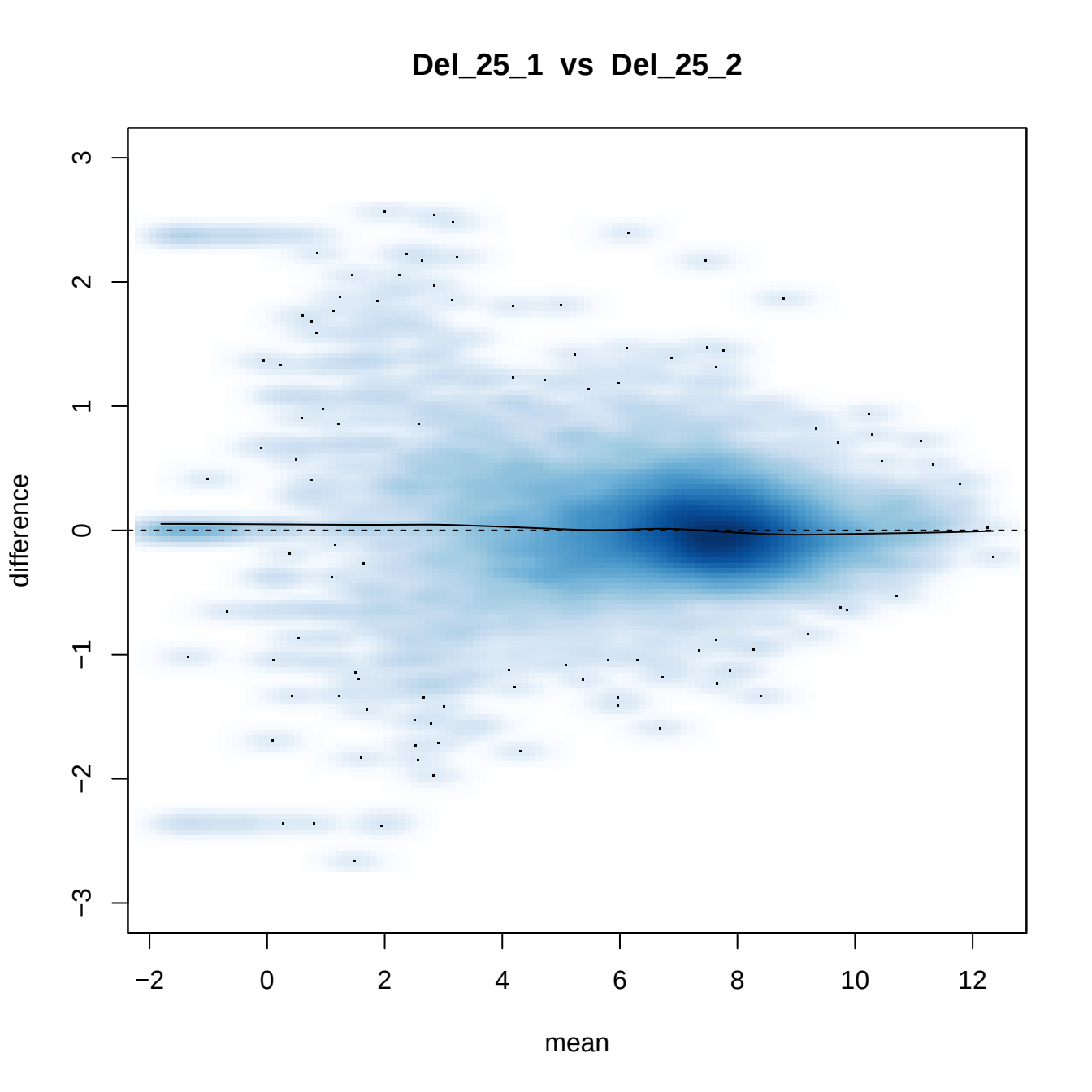
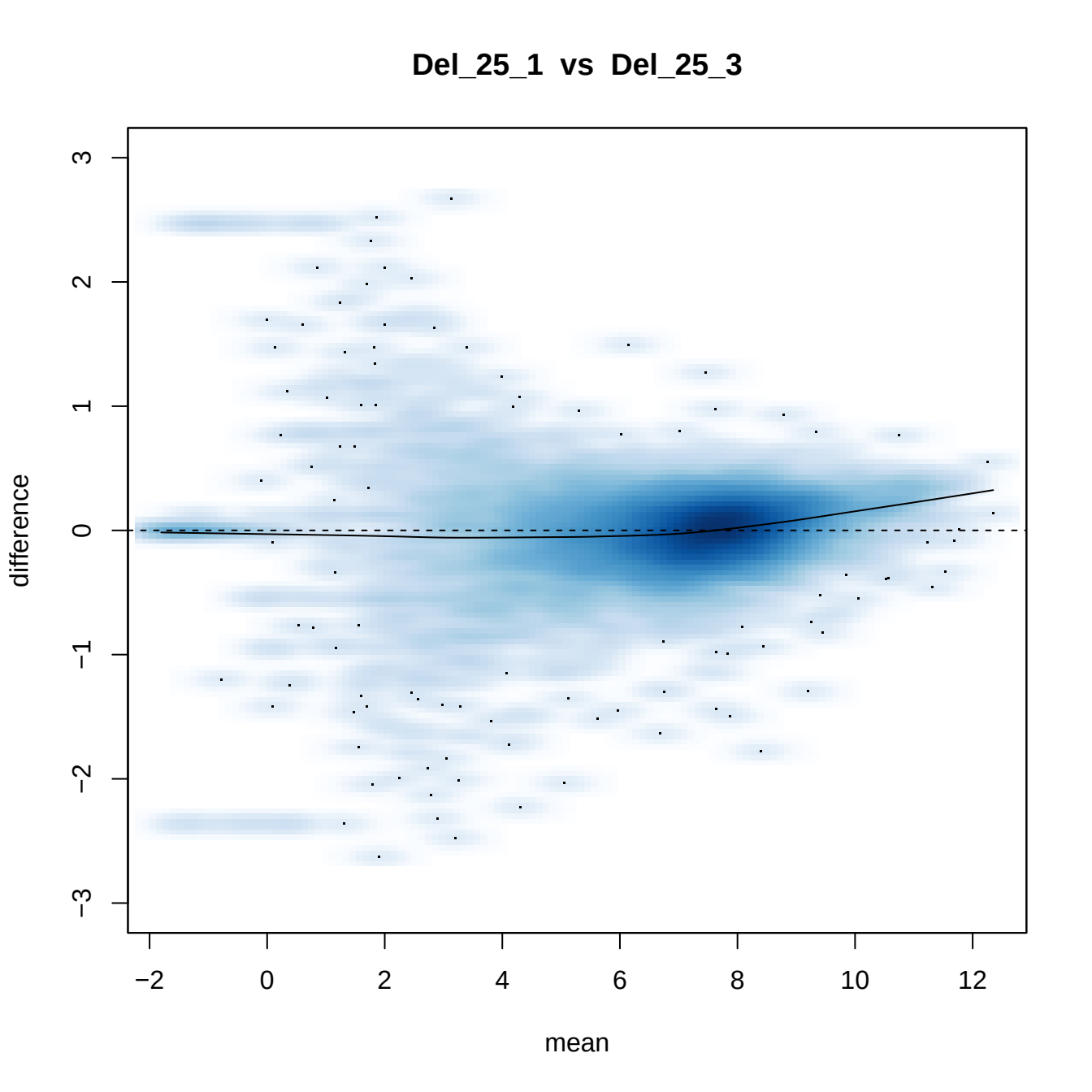
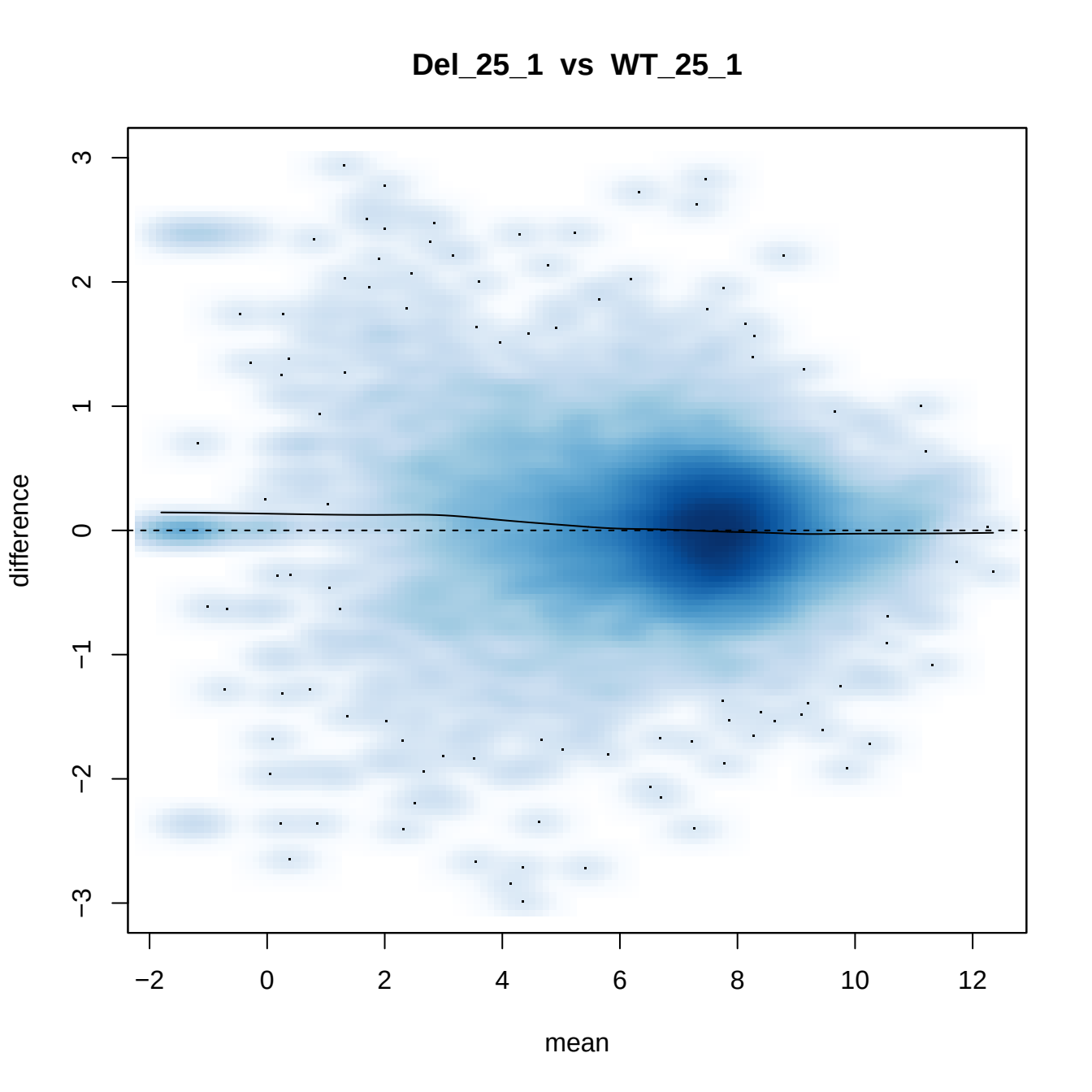

dispersion
1e+00
1e−02
1e−04
1e−06
1e−08
1e+00
1e+01
1e+02
1e+03
1e+04
1e+05
mean of normalized counts
gene−est
fitted
final

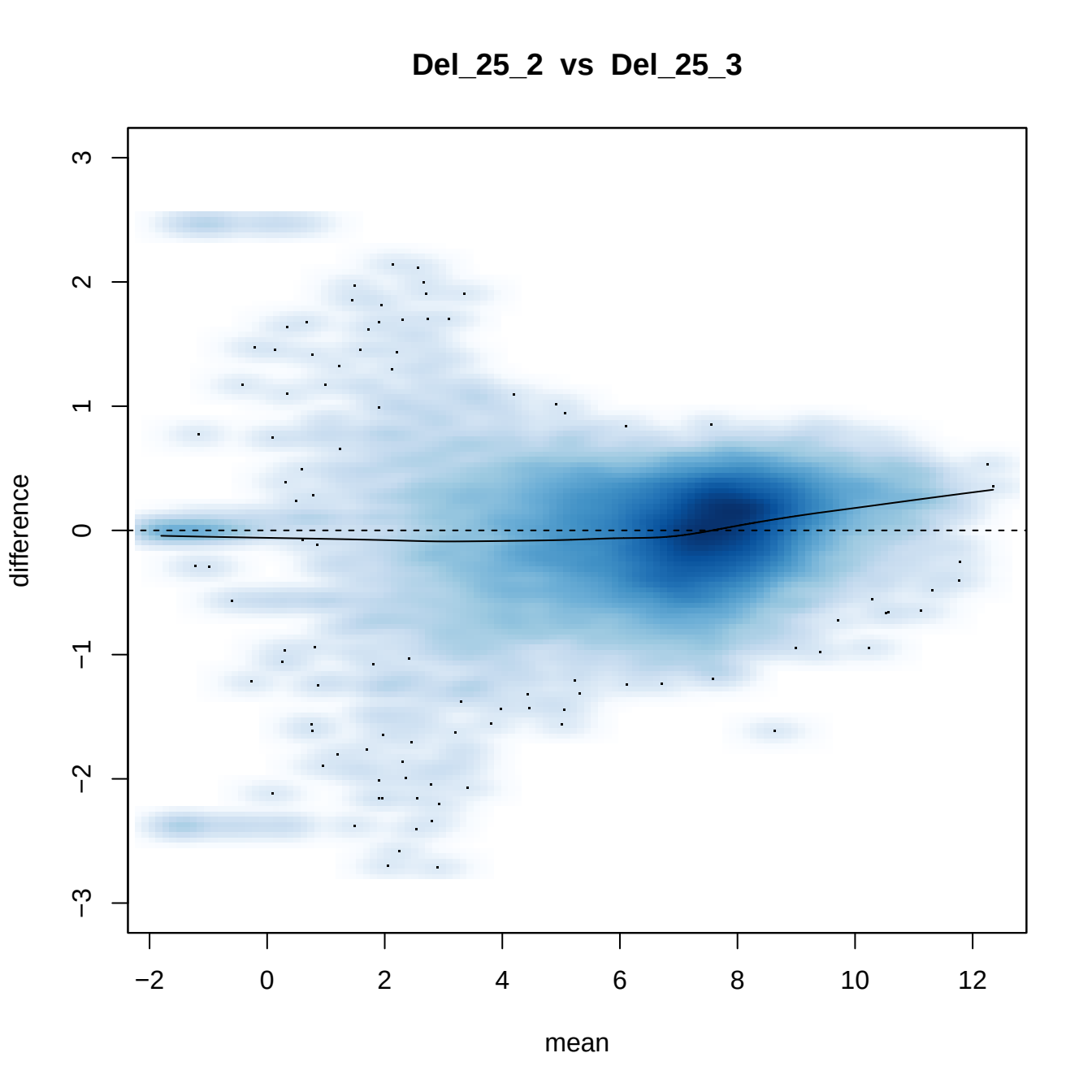

densities
Del_25_1
Del_25_2
Del_25_3
WT_25_1
WT_25_2
WT_25_3
Density
0.0000
0.0005
0.0010
0.0015
0.0020
0
200
400
600
800
1000
mean counts

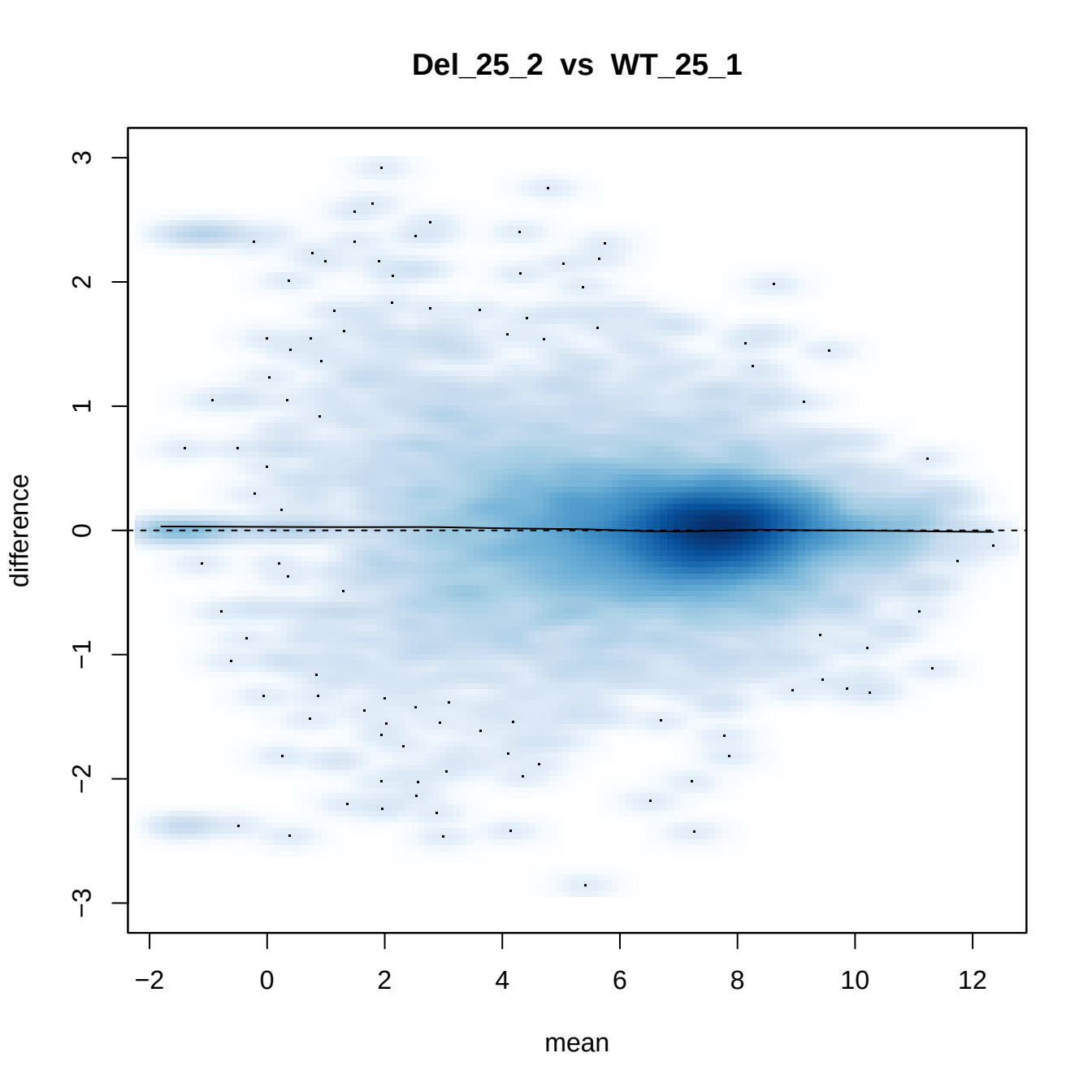

ecdf
Fn(x)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0
200
400
600
800
1000
mean counts
Del_25_1
Del_25_2
Del_25_3
WT_25_1
WT_25_2
WT_25_3

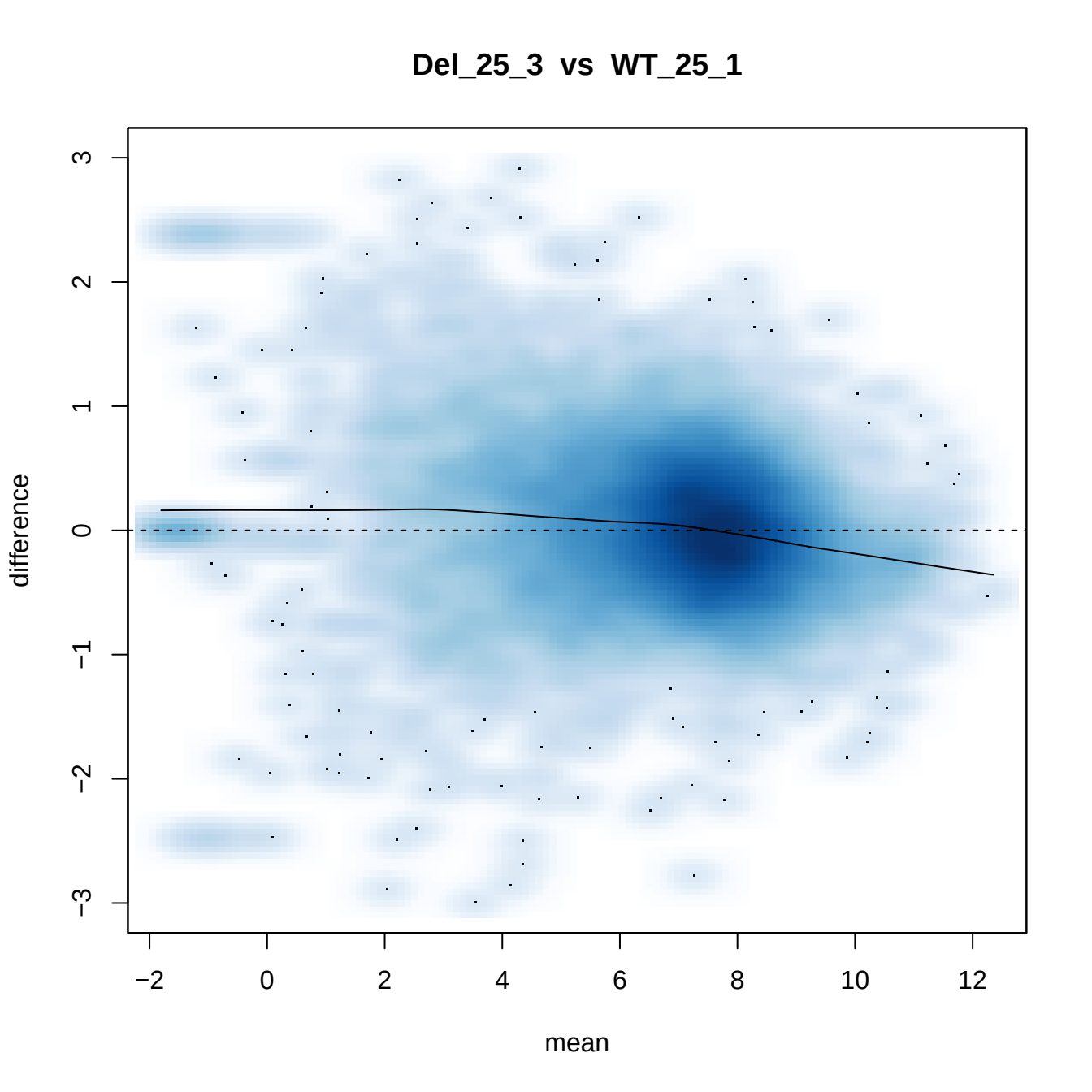

Del_25_1 vs Del_25_2
difference
mean
3
2
1
0
−1
−2
−3
−2
0
2
4
6
8
10
12

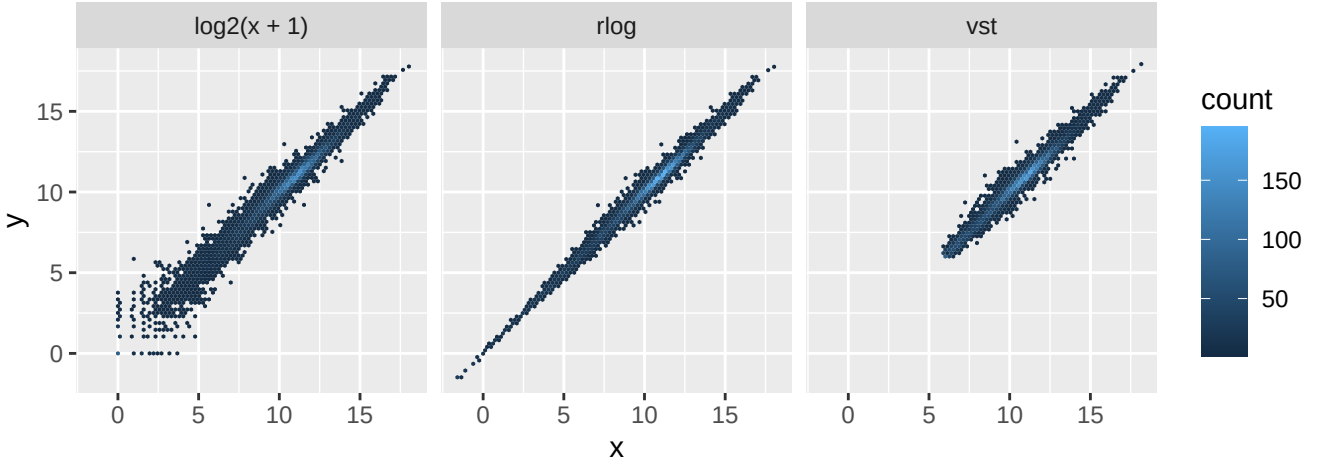

Del_25_1 vs Del_25_3
difference
mean
3
2
1
0
−1
−2
−3
−2
0
2
4
6
8
10
12


Del_25_1 vs WT_25_1
difference
mean
3
2
1
0
−1
−2
−3
−2
0
2
4
6
8
10
12

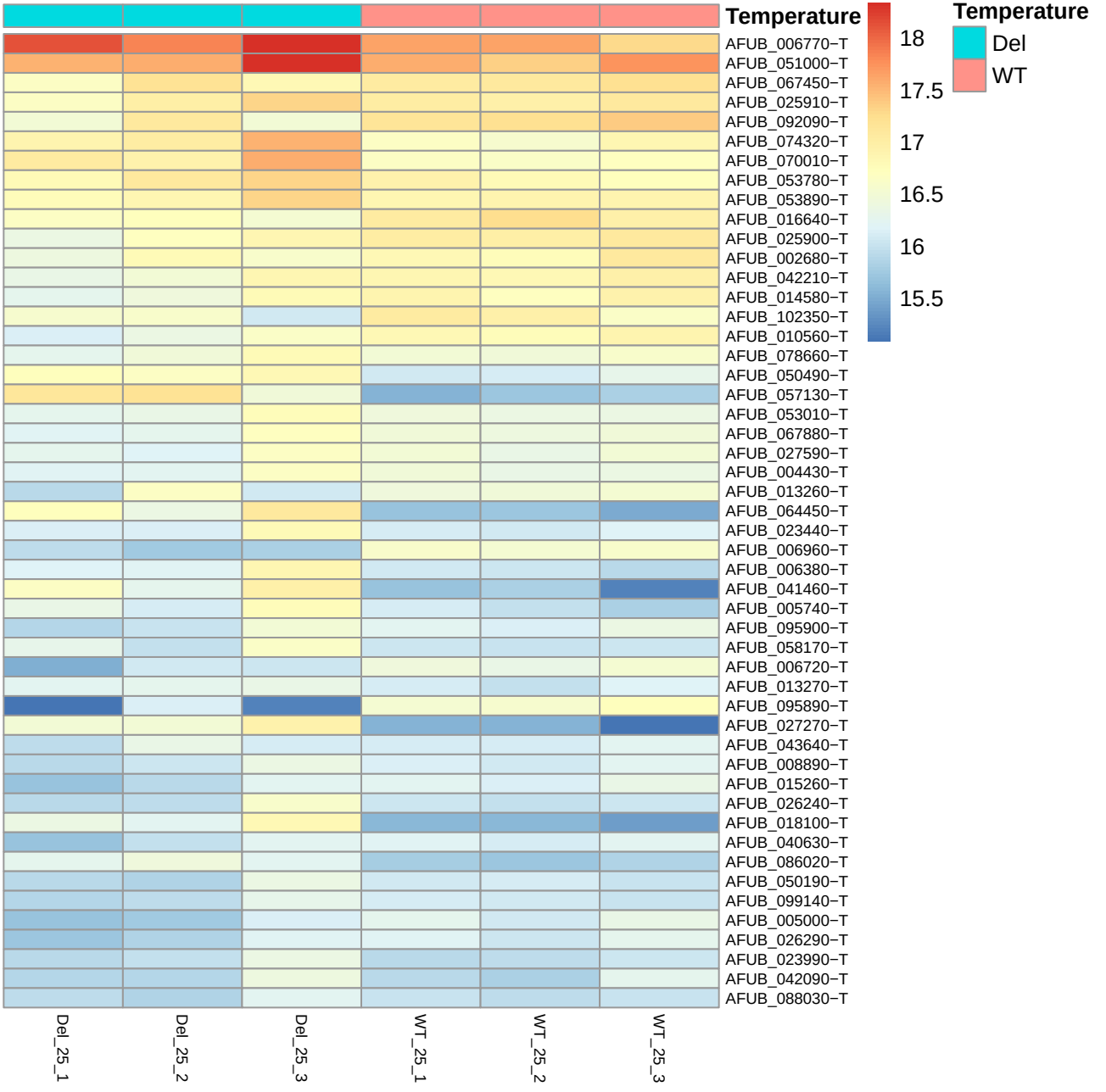

Del_25_2 vs Del_25_3
difference
mean
3
2
1
0
−1
−2
−3
−2
0
2
4
6
8
10
12

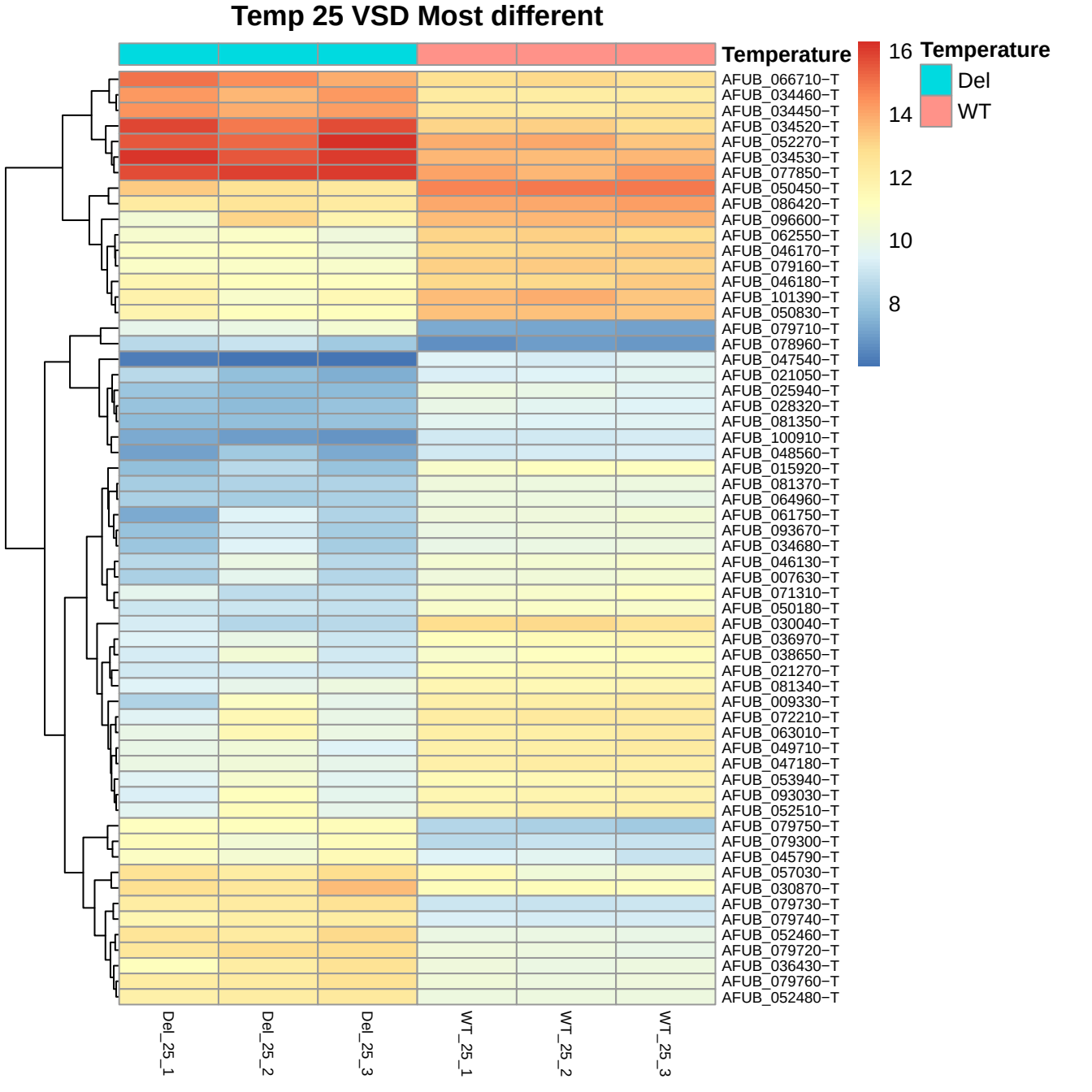

Del_25_2 vs WT_25_1
difference
mean
3
2
1
0
−1
−2
−3
−2
0
2
4
6
8
10
12


Del_25_3 vs WT_25_1
difference
mean
3
2
1
0
−1
−2
−3
−2
0
2
4
6
8
10
12

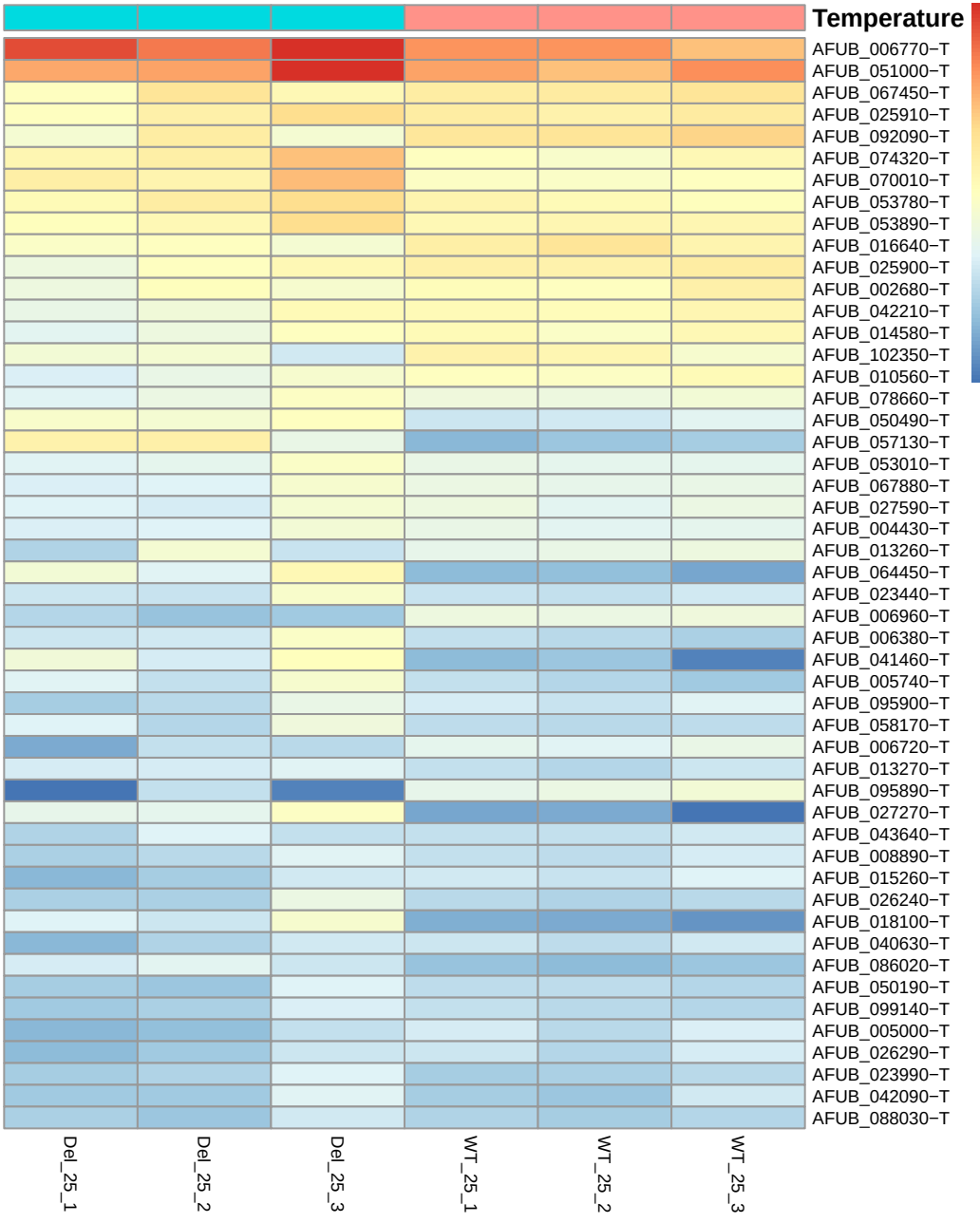

log2(x + 1)
rlog
vst
y
x
0
5
10
15
count
150
100
50

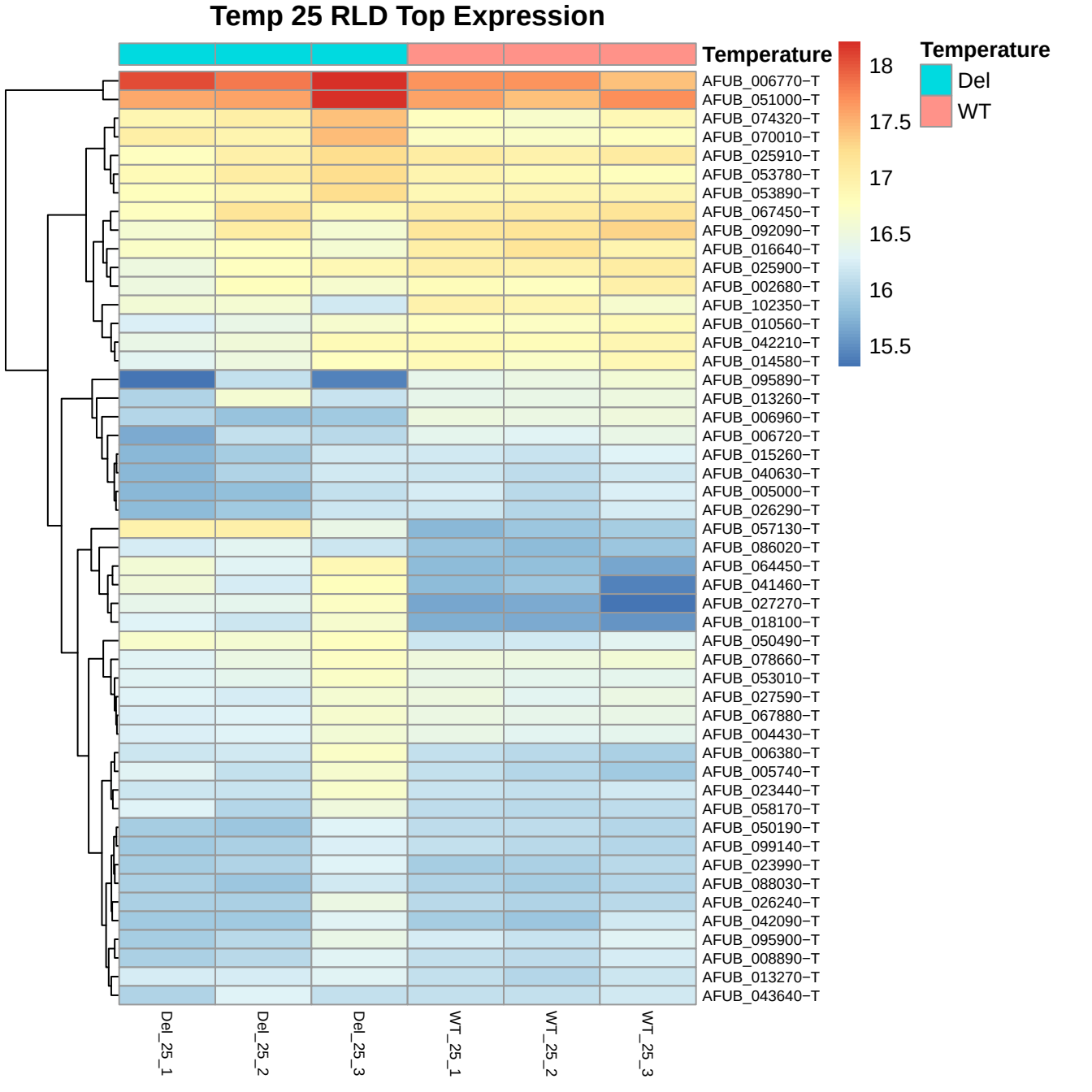
Temp 25 VSD Top Expression

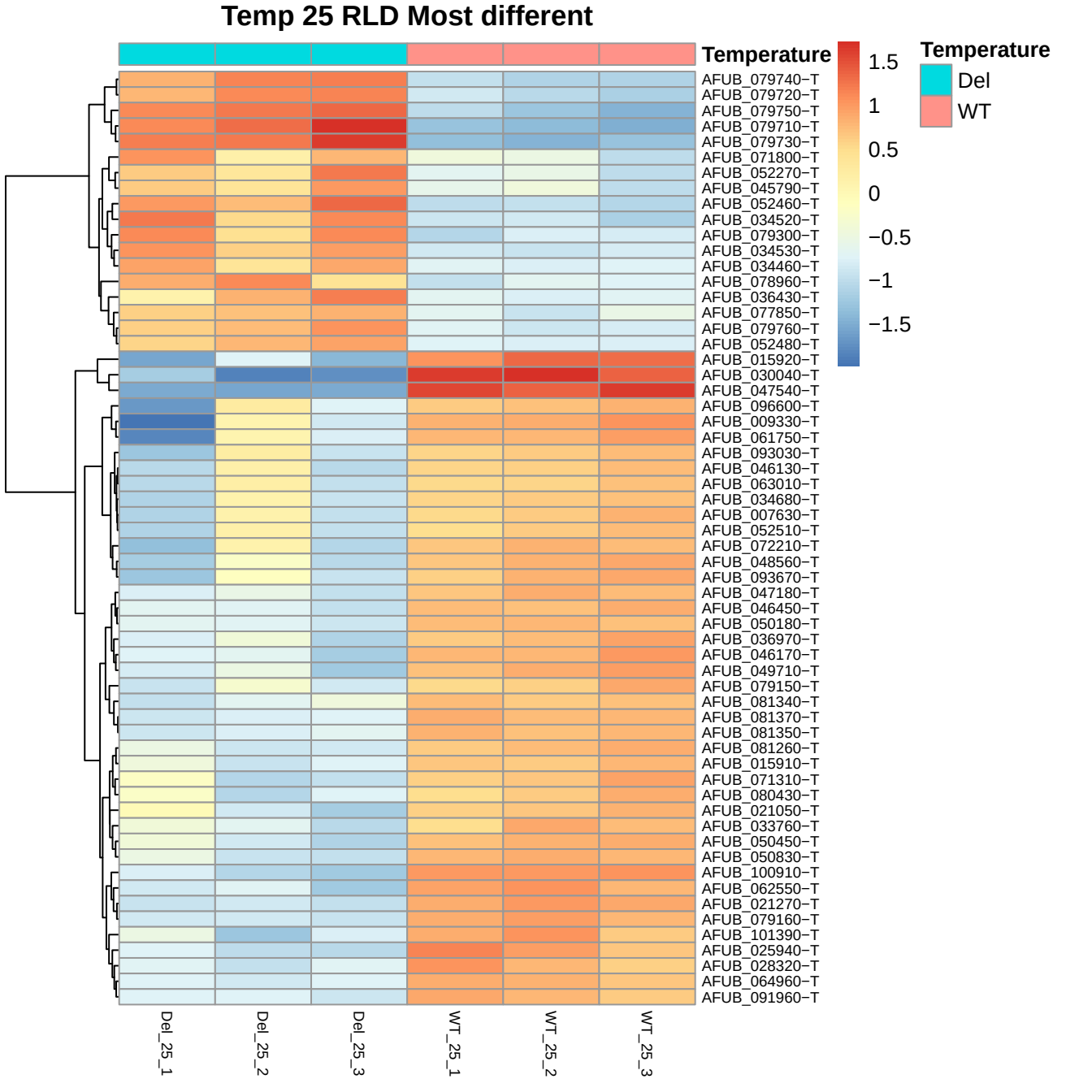


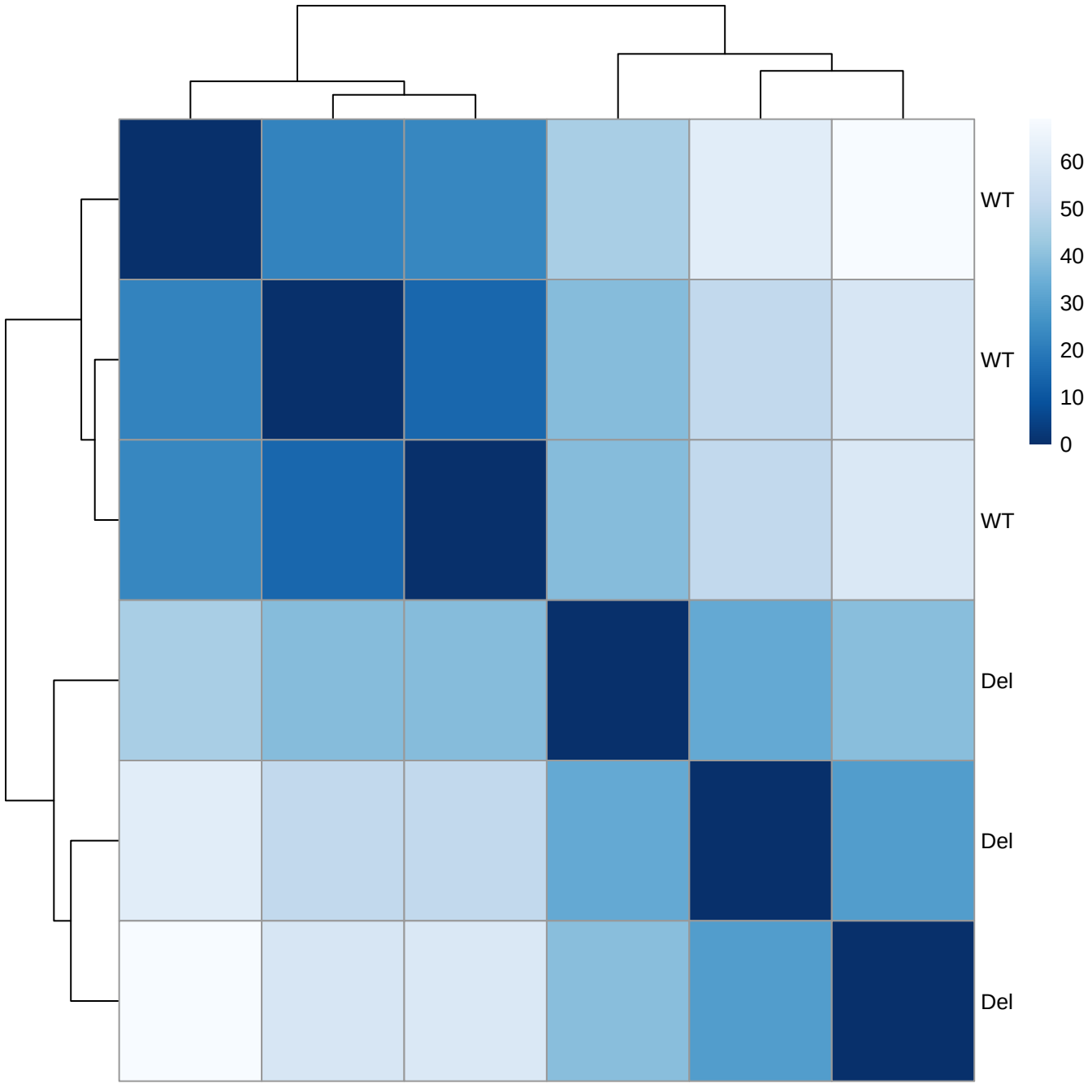

Temp 25 VSD Most different
Temperature
Del
WT
16
14
12
10
8
AFUB_066710−T
AFUB_034460−T
AFUB_034450−T
AFUB_034520−T
AFUB_052270−T
AFUB_034530−T
AFUB_077850−T
AFUB_050450−T
AFUB_086420−T
AFUB_096600−T
AFUB_062550−T
AFUB_046170−T
AFUB_079160−T
AFUB_046180−T
AFUB_101390−T
AFUB_050830−T
AFUB_079710−T
AFUB_078960−T
AFUB_047540−T
AFUB_021050−T
AFUB_025940−T
AFUB_028320−T
AFUB_081350−T
AFUB_100910−T
AFUB_048560−T
AFUB_015920−T
AFUB_081370−T
AFUB_064960−T
AFUB_061750−T
AFUB_093670−T
AFUB_034680−T
AFUB_046130−T
AFUB_007630−T
AFUB_071310−T
AFUB_050180−T
AFUB_030040−T
AFUB_036970−T
AFUB_038650−T
AFUB_021270−T
AFUB_081340−T
AFUB_009330−T
AFUB_072210−T
AFUB_063010−T
AFUB_049710−T
AFUB_047180−T
AFUB_053940−T
AFUB_093030−T
AFUB_052510−T
AFUB_079750−T
AFUB_079300−T
AFUB_045790−T
AFUB_057030−T
AFUB_030870−T
AFUB_079730−T
AFUB_079740−T
AFUB_052460−T
AFUB_079720−T
AFUB_036430−T
AFUB_079760−T
AFUB_052480−T
Del_25_1
Del_25_2
Del_25_3
WT_25_1
WT_25_2
WT_25_3

Temp 25 RLD Top Expression




Temp 25 RLD Top Expression
Temperature
Del
WT
18
17.5
17
16.5
16
15.5
AFUB_006770−T
AFUB_051000−T
AFUB_074320−T
AFUB_070010−T
AFUB_025910−T
AFUB_053780−T
AFUB_053890−T
AFUB_067450−T
AFUB_092090−T
AFUB_016640−T
AFUB_025900−T
AFUB_002680−T
AFUB_102350−T
AFUB_010560−T
AFUB_042210−T
AFUB_014580−T
AFUB_095890−T
AFUB_013260−T
AFUB_006960−T
AFUB_006720−T
AFUB_015260−T
AFUB_040630−T
AFUB_005000−T
AFUB_026290−T
AFUB_057130−T
AFUB_086020−T
AFUB_064450−T
AFUB_041460−T
AFUB_027270−T
AFUB_018100−T
AFUB_050490−T
AFUB_078660−T
AFUB_053010−T
AFUB_027590−T
AFUB_067880−T
AFUB_004430−T
AFUB_006380−T
AFUB_005740−T
AFUB_023440−T
AFUB_058170−T
AFUB_050190−T
AFUB_099140−T
AFUB_023990−T
AFUB_088030−T
AFUB_026240−T
AFUB_042090−T
AFUB_095900−T
AFUB_008890−T
AFUB_013270−T
AFUB_043640−T
Del_25_1
Del_25_2
Del_25_3
WT_25_1
WT_25_2
WT_25_3


Temp 25 RLD Most different
Temperature
Del
WT
1.5
1
0.5
0
−0.5
−1
−1.5
AFUB_079740−T
AFUB_079720−T
AFUB_079750−T
AFUB_079710−T
AFUB_079730−T
AFUB_071800−T
AFUB_052270−T
AFUB_045790−T
AFUB_052460−T
AFUB_034520−T
AFUB_079300−T
AFUB_034530−T
AFUB_034460−T
AFUB_078960−T
AFUB_036430−T
AFUB_077850−T
AFUB_079760−T
AFUB_052480−T
AFUB_015920−T
AFUB_030040−T
AFUB_047540−T
AFUB_096600−T
AFUB_009330−T
AFUB_061750−T
AFUB_093030−T
AFUB_046130−T
AFUB_063010−T
AFUB_034680−T
AFUB_007630−T
AFUB_052510−T
AFUB_072210−T
AFUB_048560−T
AFUB_093670−T
AFUB_047180−T
AFUB_046450−T
AFUB_050180−T
AFUB_036970−T
AFUB_046170−T
AFUB_049710−T
AFUB_079150−T
AFUB_081340−T
AFUB_081370−T
AFUB_081350−T
AFUB_081260−T
AFUB_015910−T
AFUB_071310−T
AFUB_080430−T
AFUB_021050−T
AFUB_033760−T
AFUB_050450−T
AFUB_050830−T
AFUB_100910−T
AFUB_062550−T
AFUB_021270−T
AFUB_079160−T
AFUB_101390−T
AFUB_025940−T
AFUB_028320−T
AFUB_064960−T
AFUB_091960−T
Del_25_1
Del_25_2
Del_25_3
WT_25_1
WT_25_2
WT_25_3


WT
WT
WT
Del
Del
Del
60
50
40
30
20
10
0