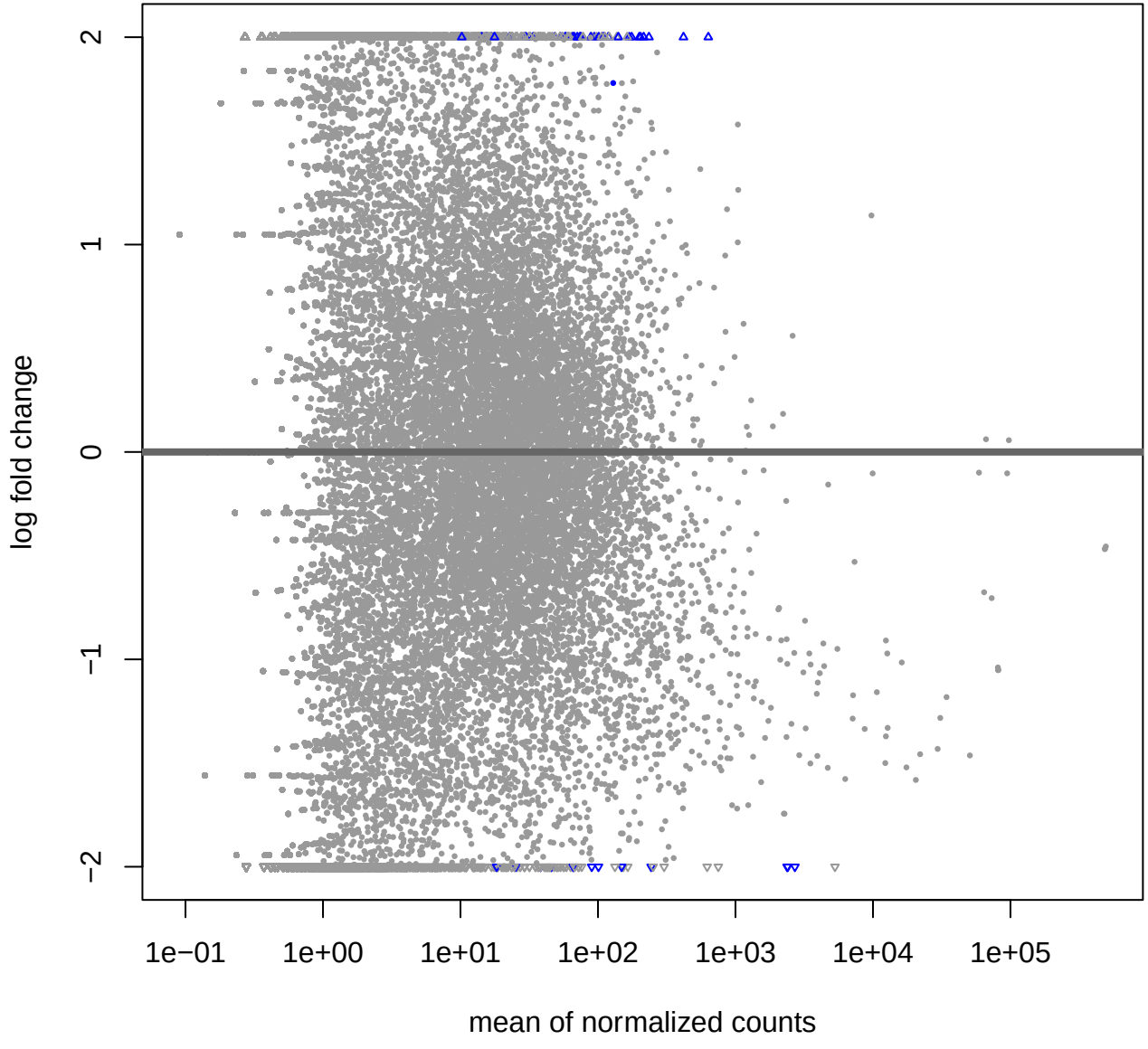
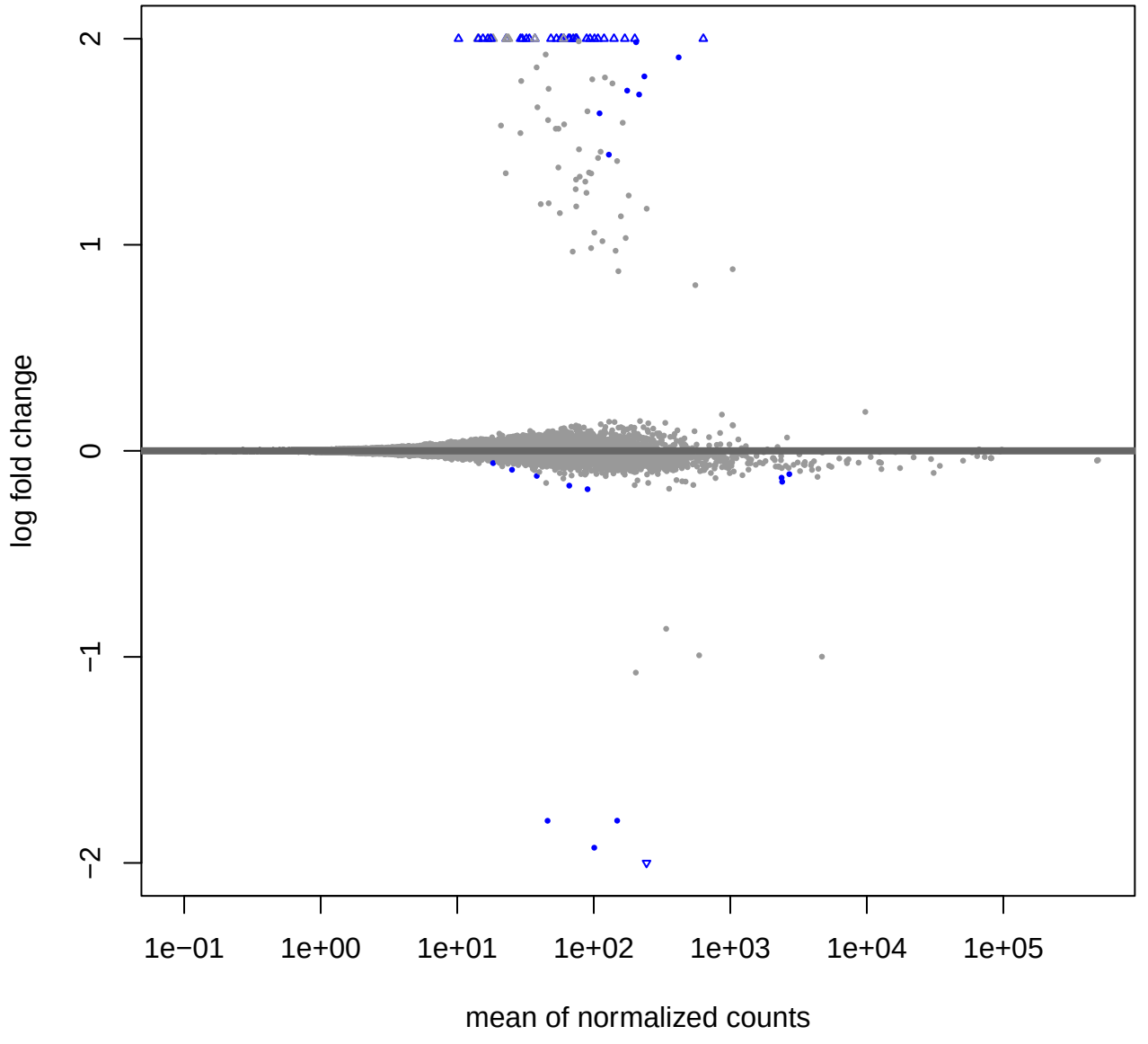
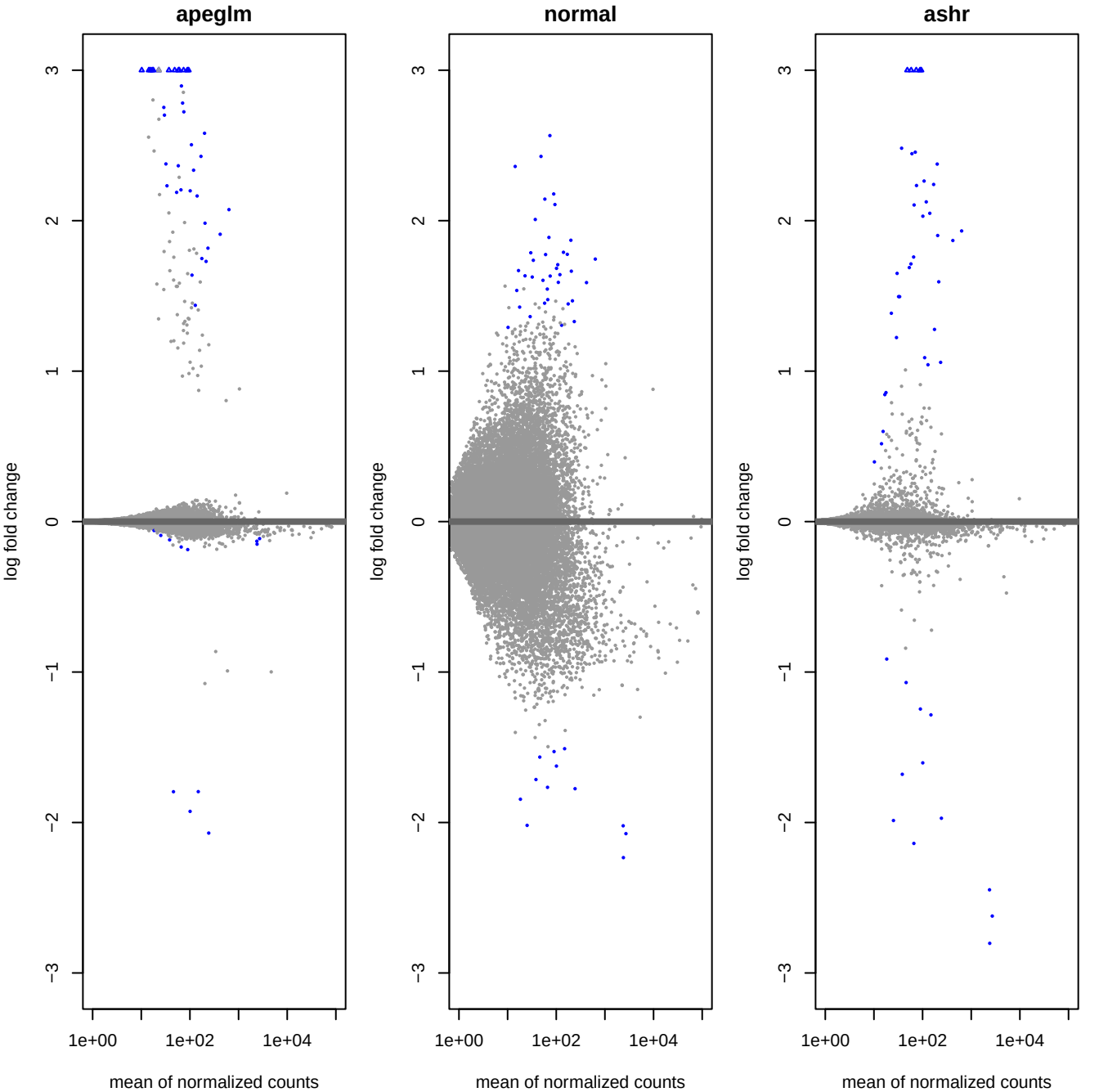
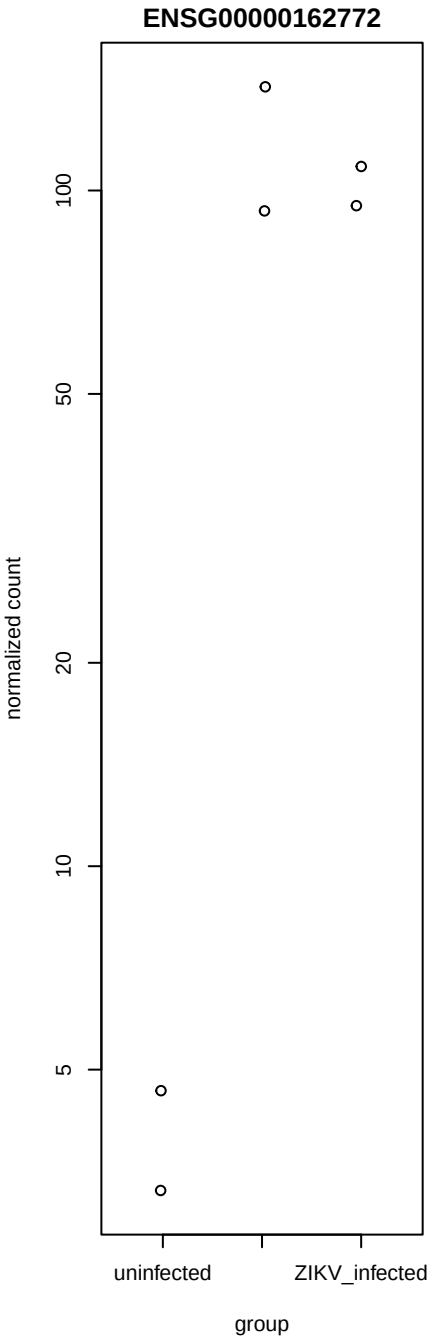
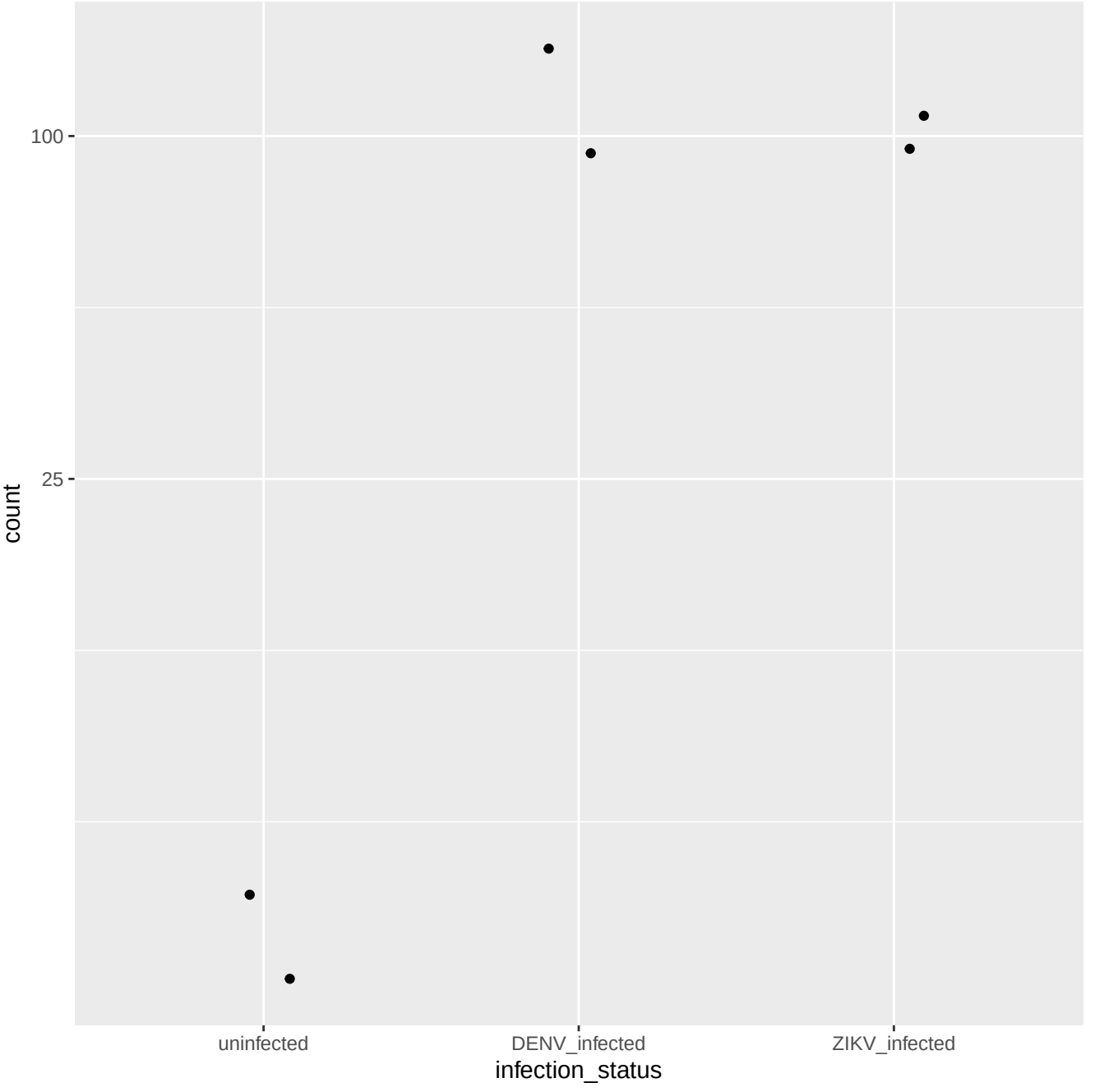
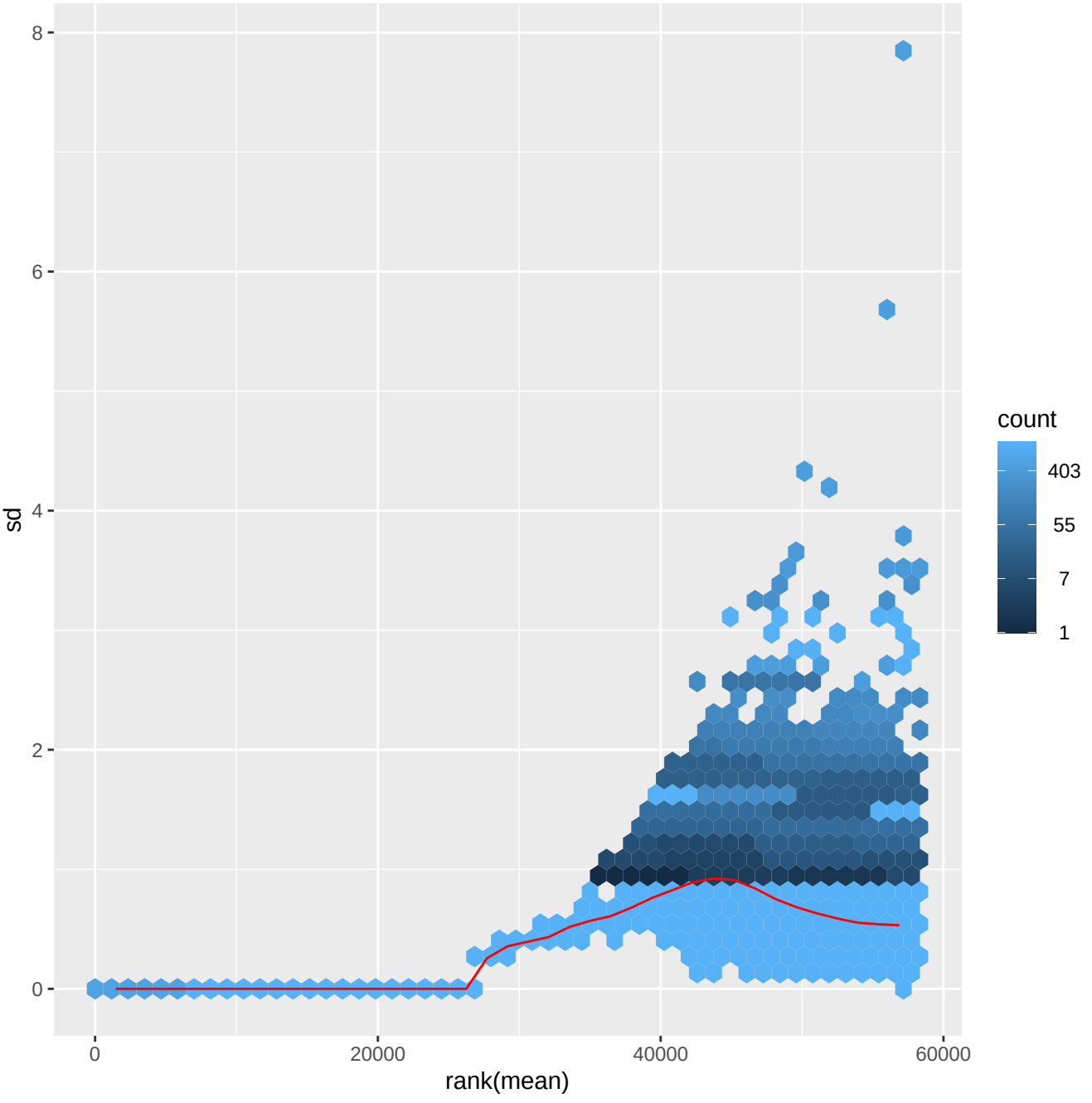

log fold change
2
1
0
−1
−2
1e−01
1e+00
1e+01
1e+02
1e+03
1e+04
1e+05
mean of normalized counts

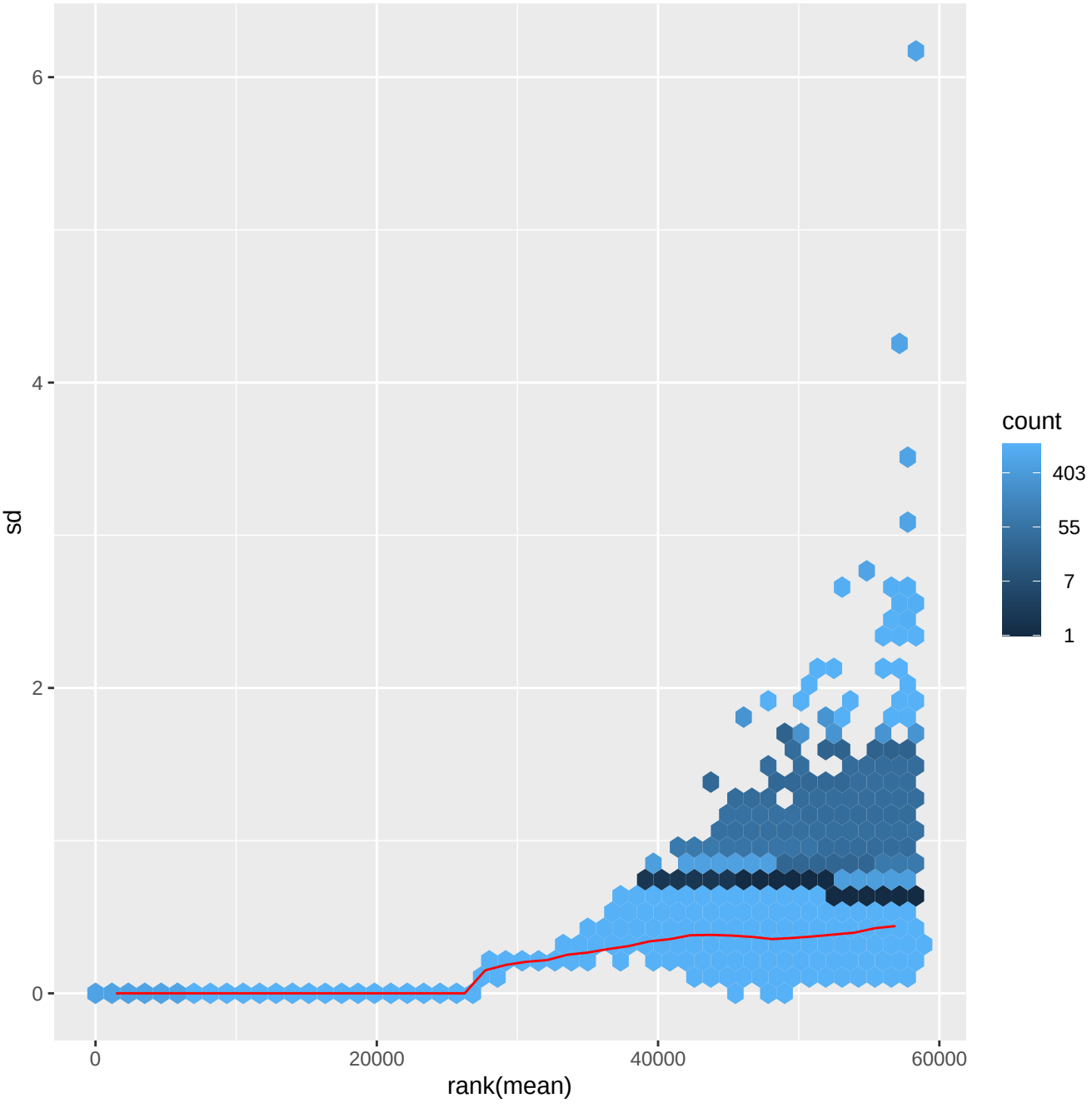

log fold change
2
1
0
−1
−2
1e−01
1e+00
1e+01
1e+02
1e+03
1e+04
1e+05
mean of normalized counts

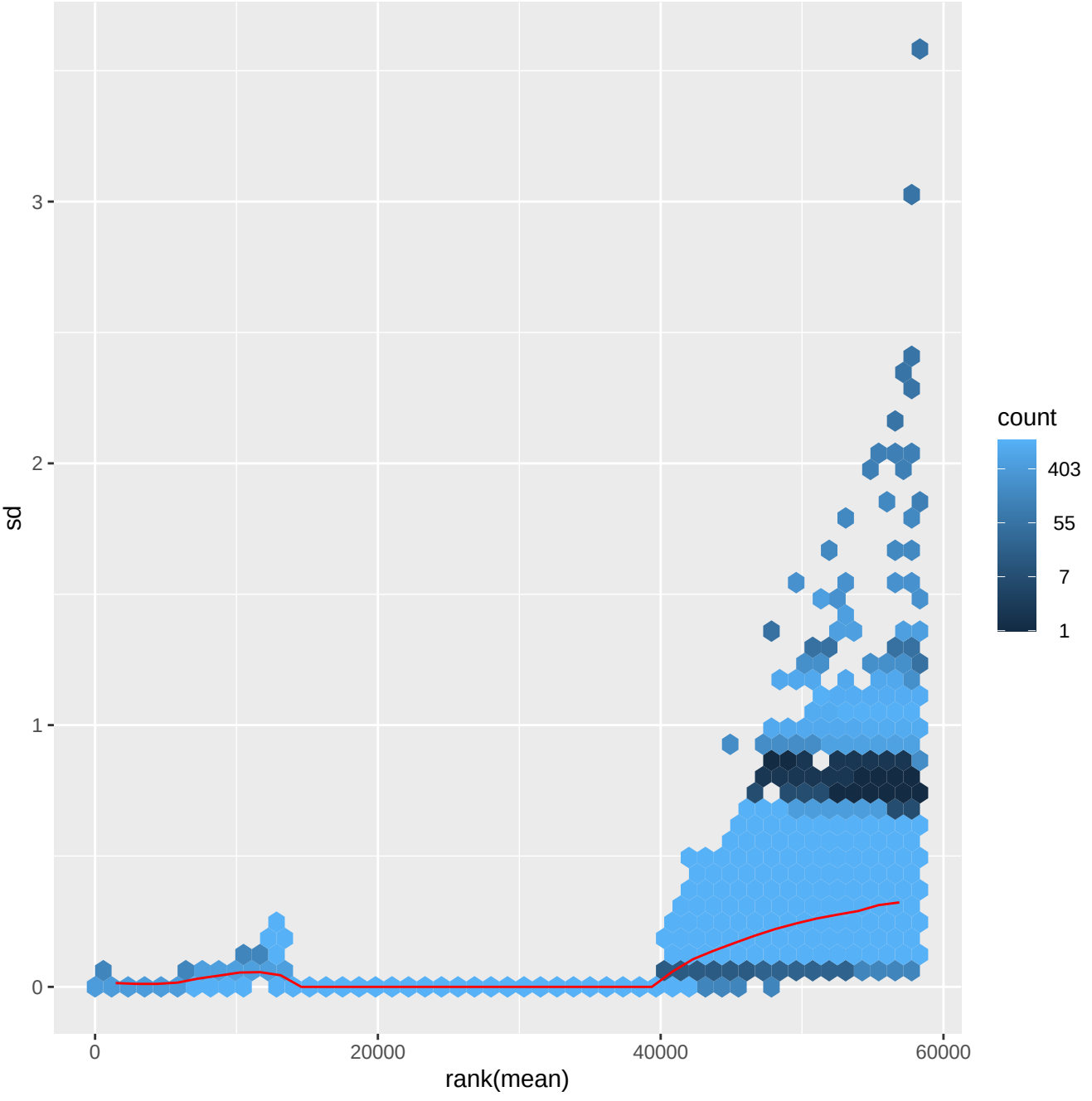

apeglm
normal
ashr
log fold change
mean of normalized counts
3
2
1
0
−1
−2
−3
1e+00
1e+02
1e+04

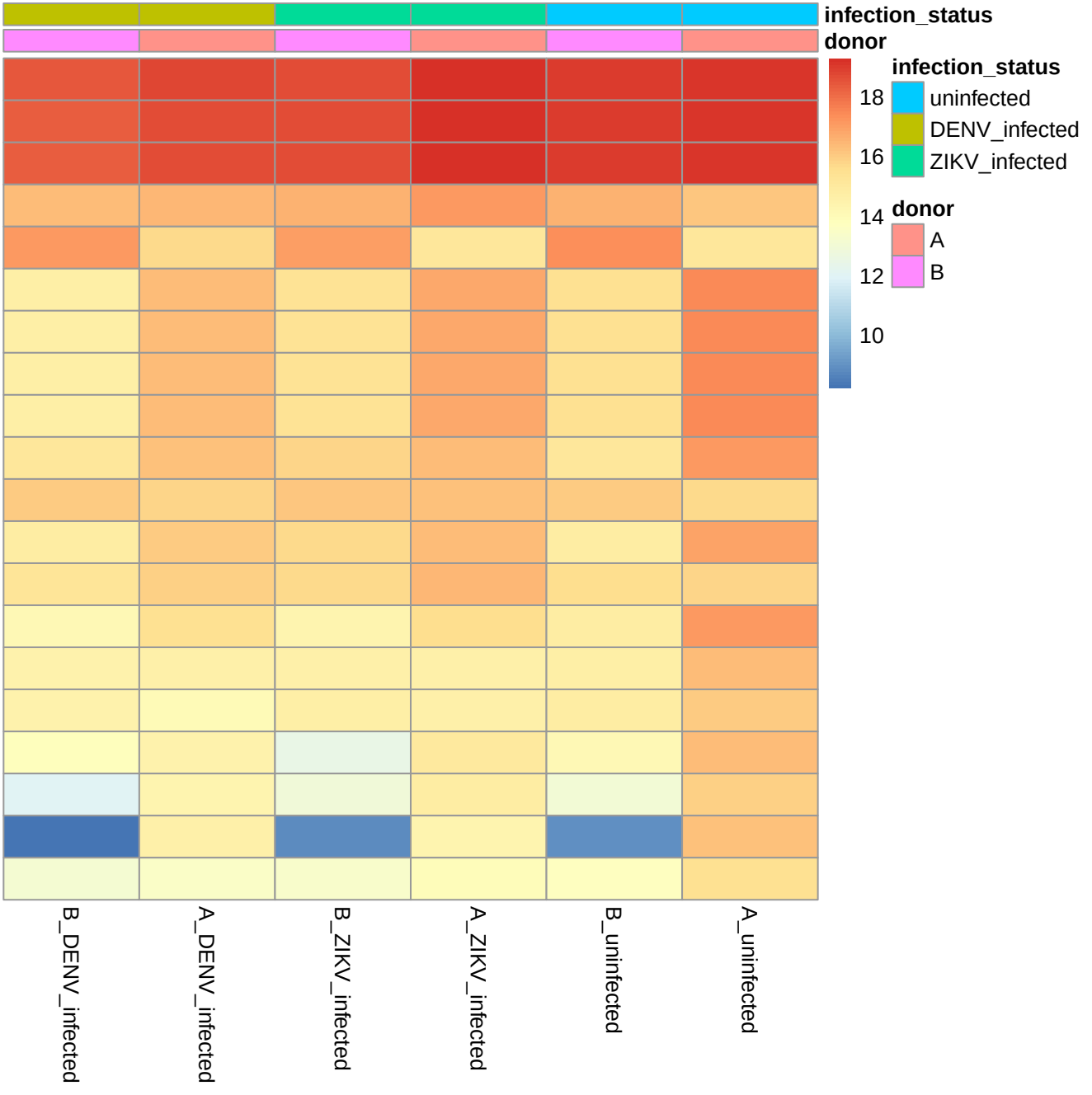

ENSG00000162772
normalized count
5
10
20
50
100
uninfected
ZIKV_infected
group

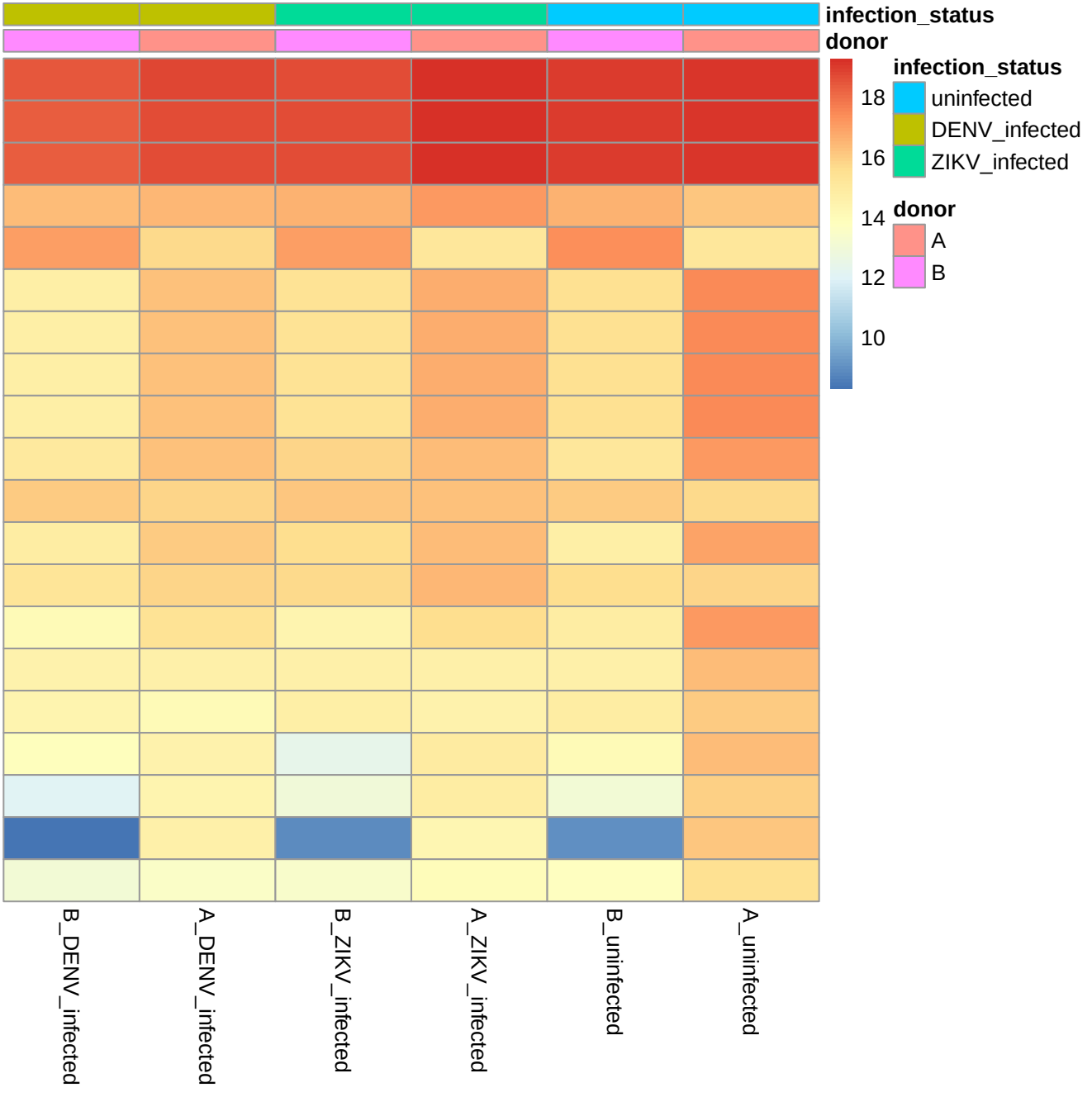

100
25
count
uninfected
DENV_infected
ZIKV_infected
infection_status

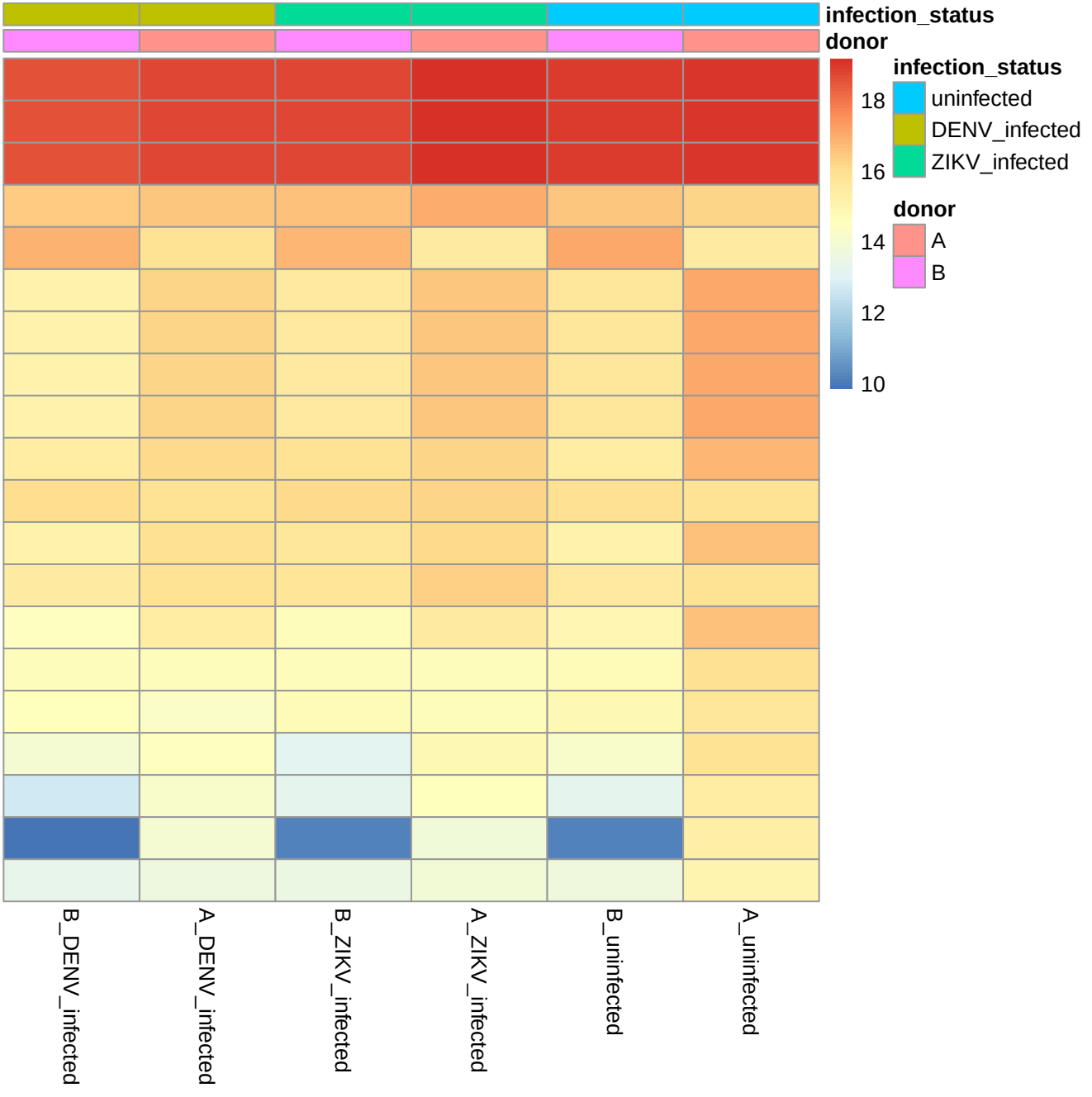

8
6
4
2
0
sd
0
20000
40000
60000
rank(mean)
count
403
55
7
1

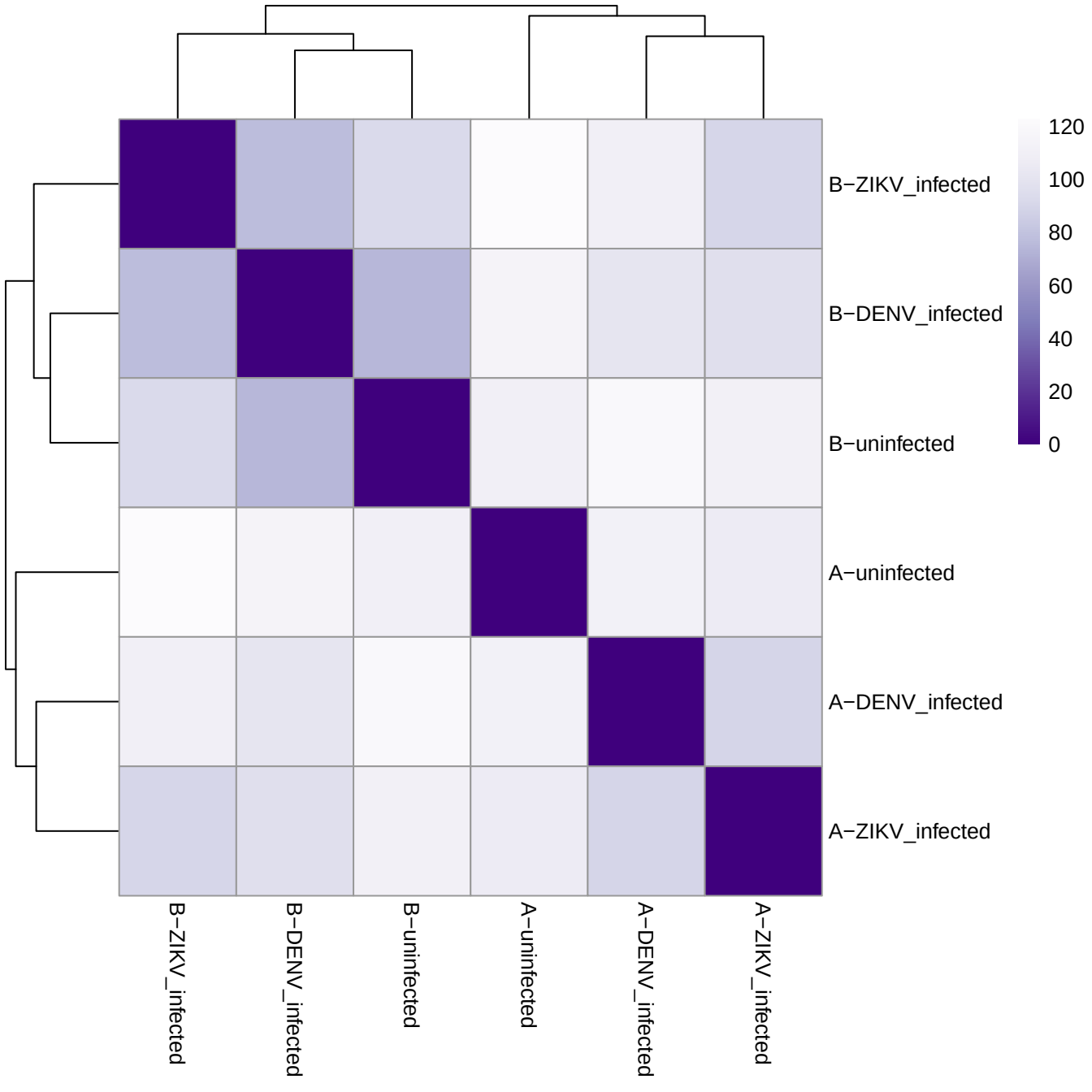

sd
6
4
2
0
0
20000
40000
60000
rank(mean)
count
403
55
7
1

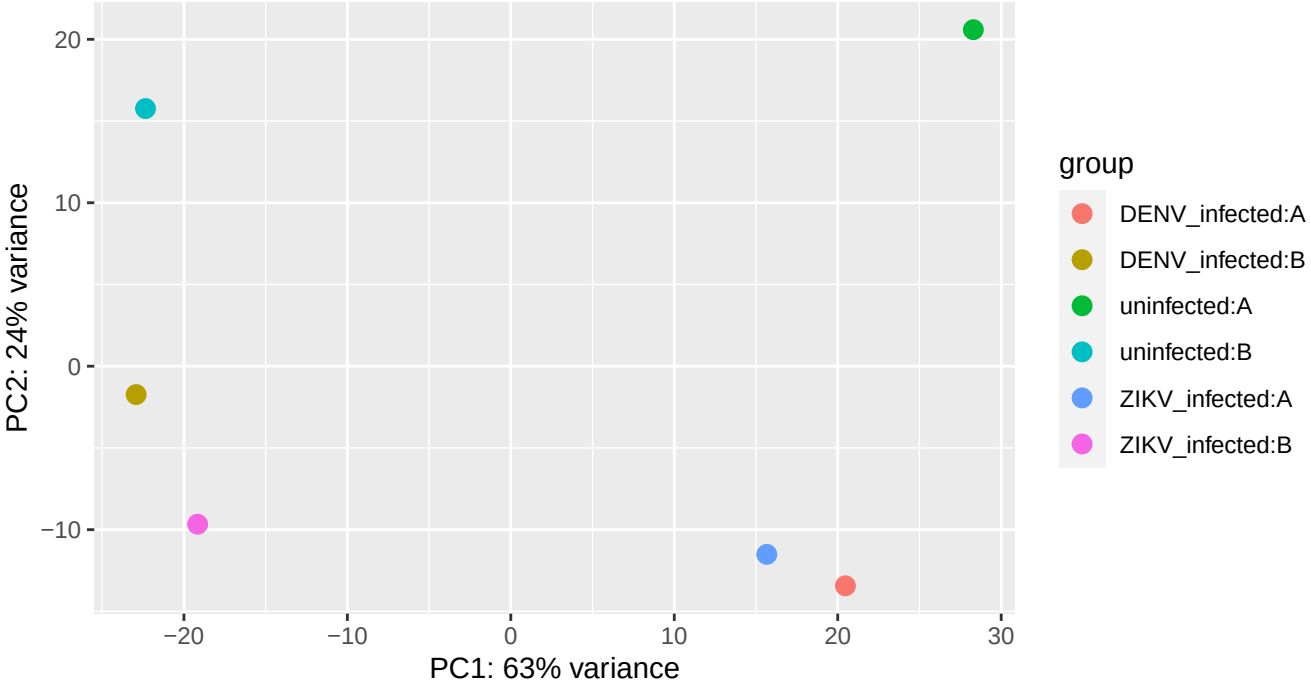

sd
3
2
1
0
0
20000
40000
60000
rank(mean)
count
403
55
7
1

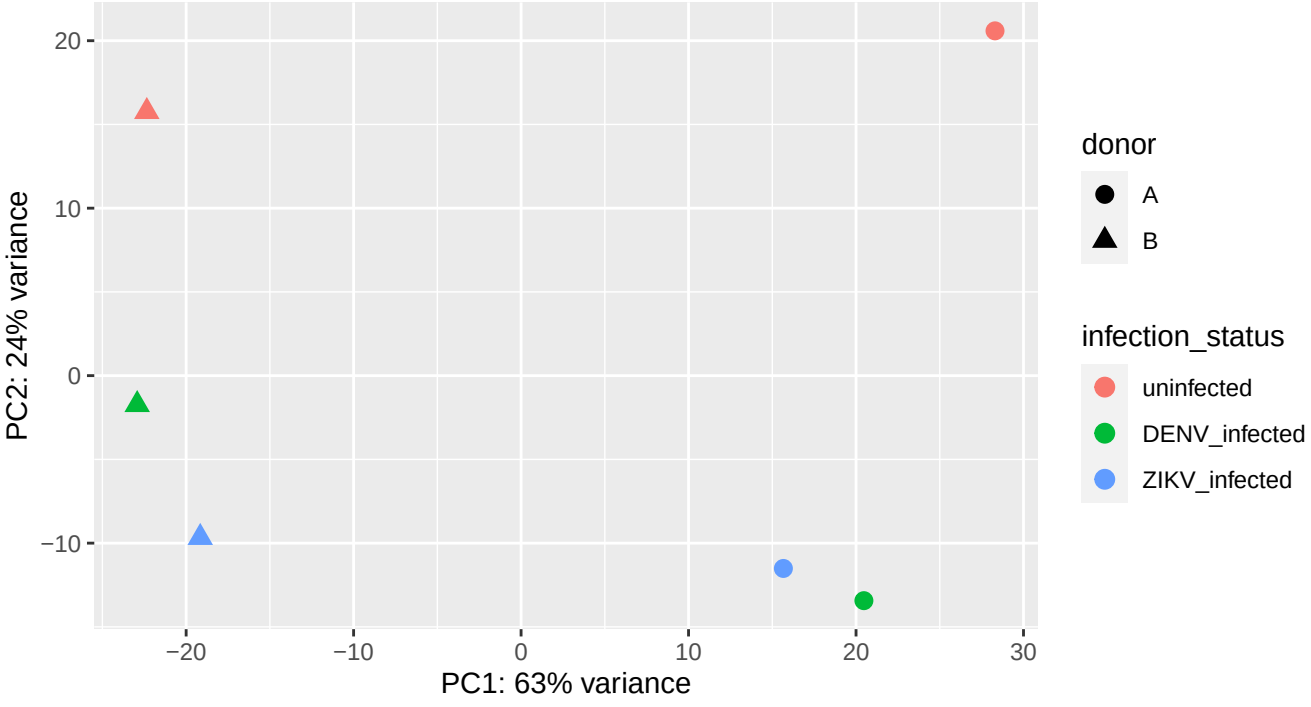

infection_status
donor
infection_status
uninfected
DENV_infected
ZIKV_infected
donor
A
B
18
16
14
12
10
B_DENV_infected
A_DENV_infected
B_ZIKV_infected
A_ZIKV_infected
B_uninfected
A_uninfected


infection_status
donor
infection_status
uninfected
DENV_infected
ZIKV_infected
donor
A
B
18
16
14
12
10
B_DENV_infected
A_DENV_infected
B_ZIKV_infected
A_ZIKV_infected
B_uninfected
A_uninfected


infection_status
donor
infection_status
uninfected
DENV_infected
ZIKV_infected
donor
A
B
18
16
14
12
10
B_DENV_infected
A_DENV_infected
B_ZIKV_infected
A_ZIKV_infected
B_uninfected
A_uninfected


B−ZIKV_infected
B−DENV_infected
B−uninfected
A−uninfected
A−DENV_infected
A−ZIKV_infected
120
100
80
60
40
20
0


20
10
0
−10
PC2: 24% variance
−20
−10
0
10
20
30
PC1: 63% variance
group
DENV_infected:A
DENV_infected:B
uninfected:A
uninfected:B
ZIKV_infected:A
ZIKV_infected:B


20
10
0
−10
PC2: 24% variance
−20
−10
0
10
20
30
PC1: 63% variance
donor
A
B
infection_status
uninfected
DENV_infected
ZIKV_infected