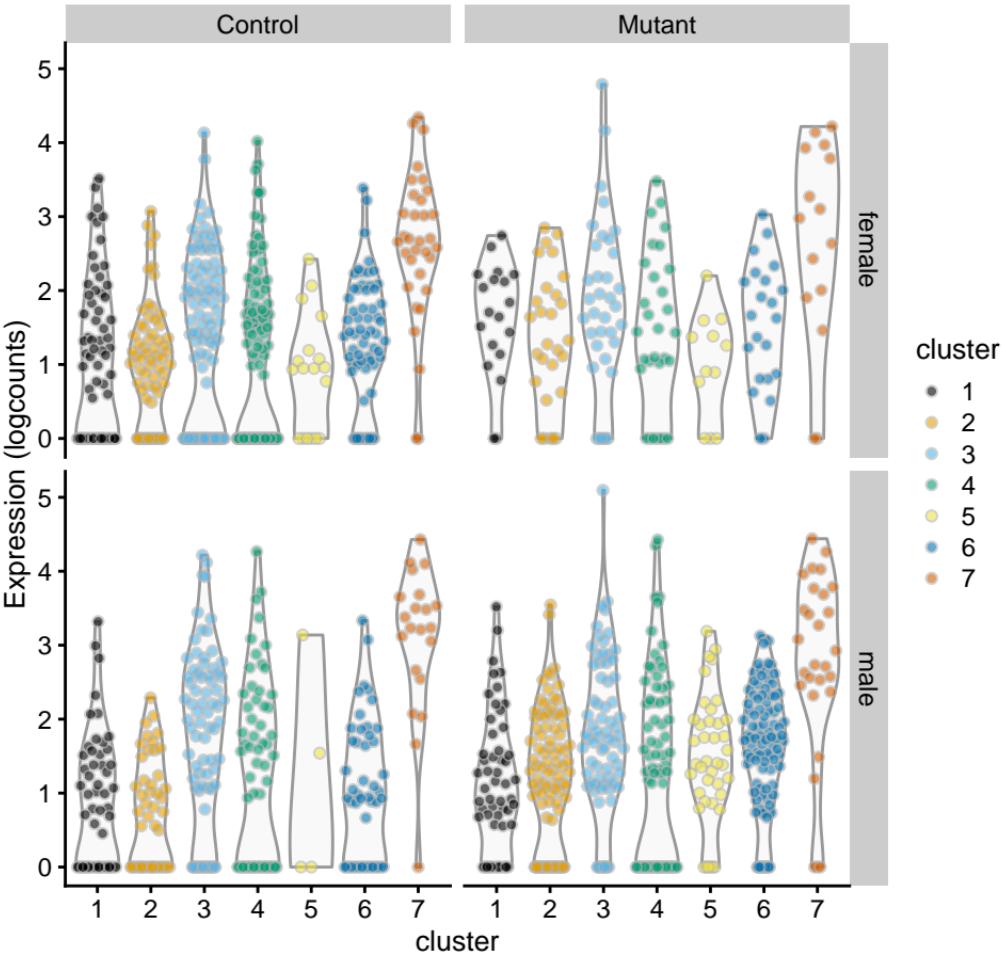
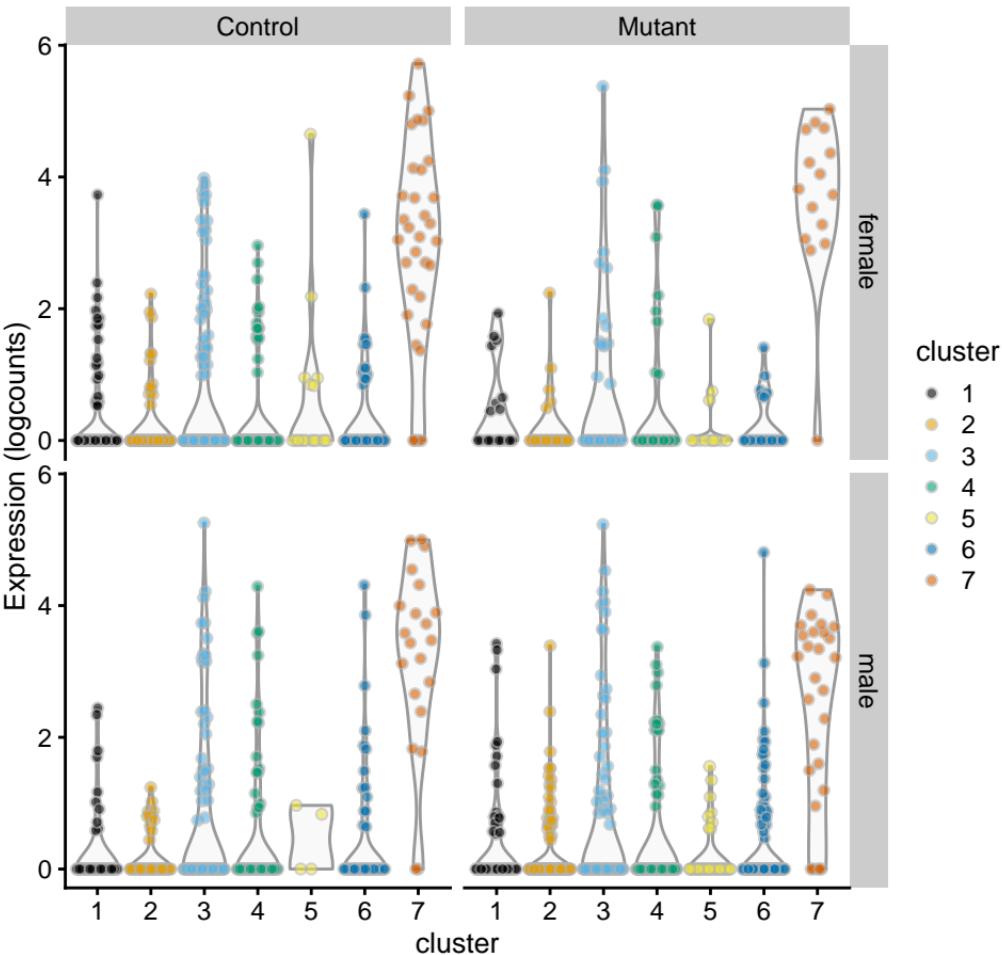


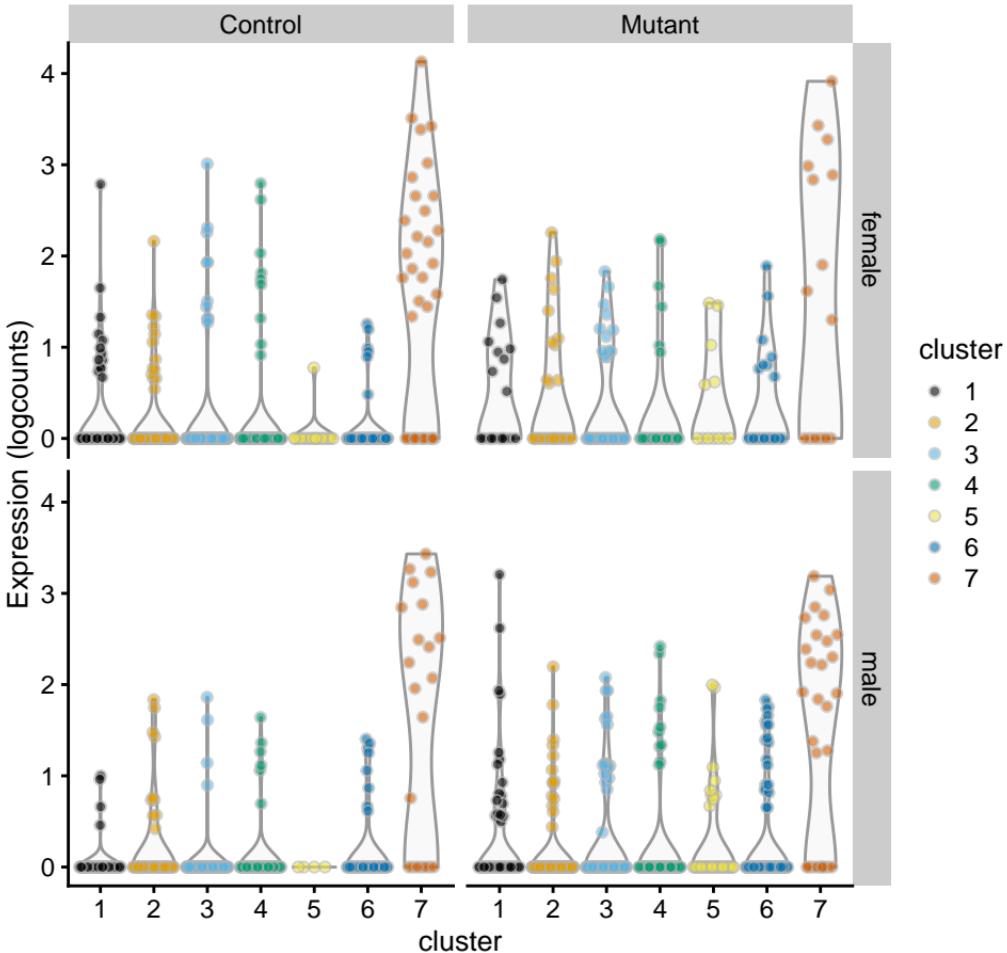
Sox17



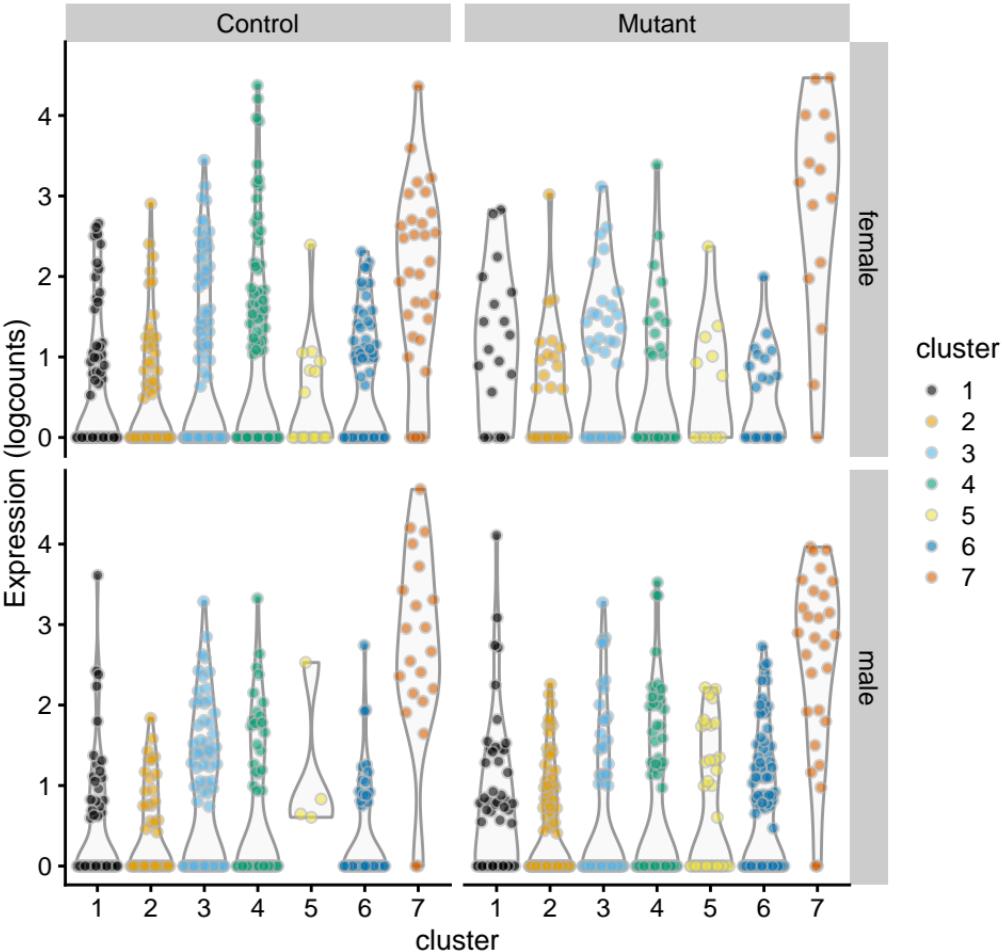
Gja4



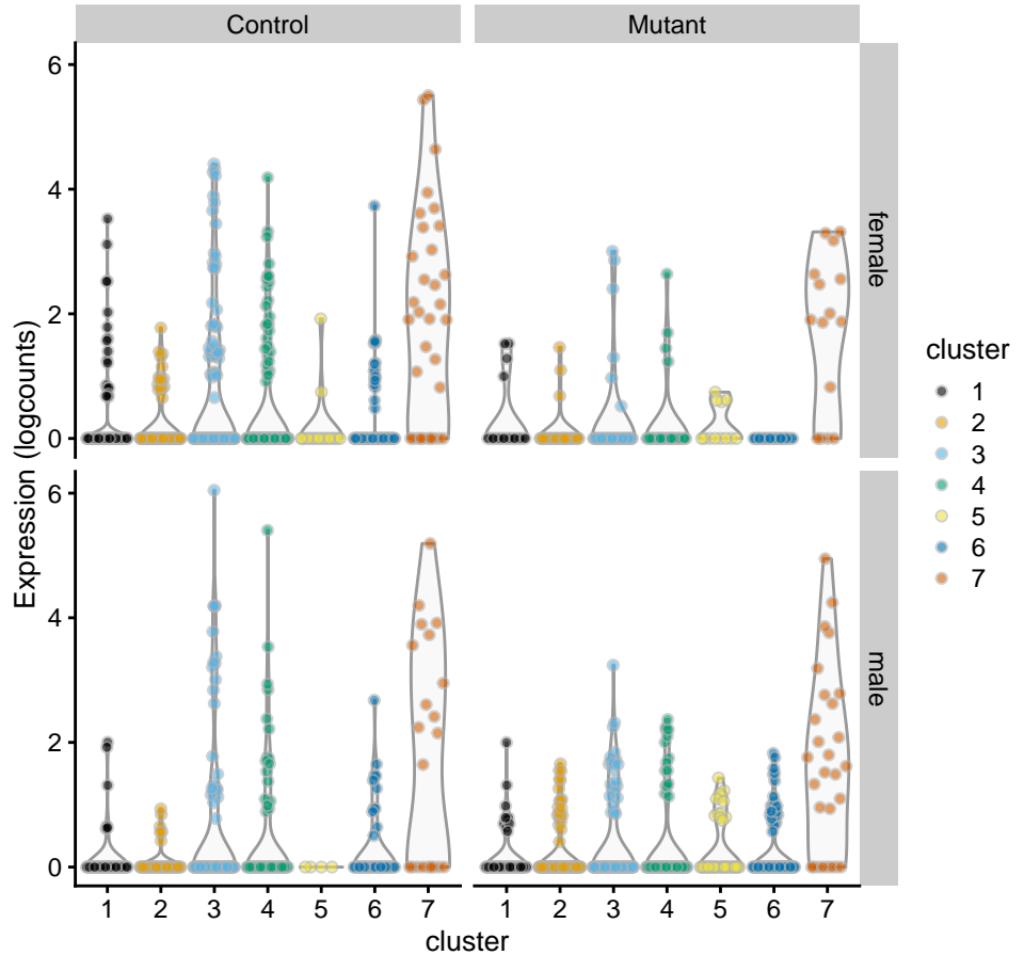
Vegfc



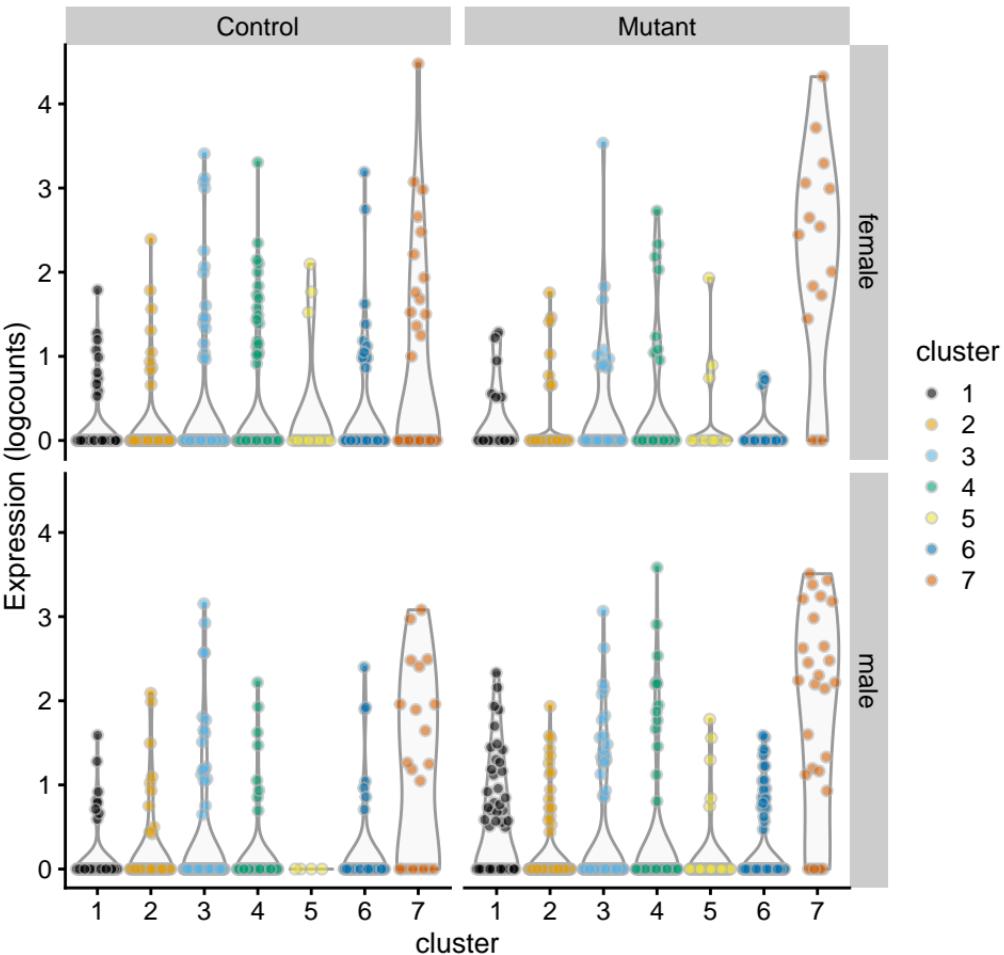
Sema3g



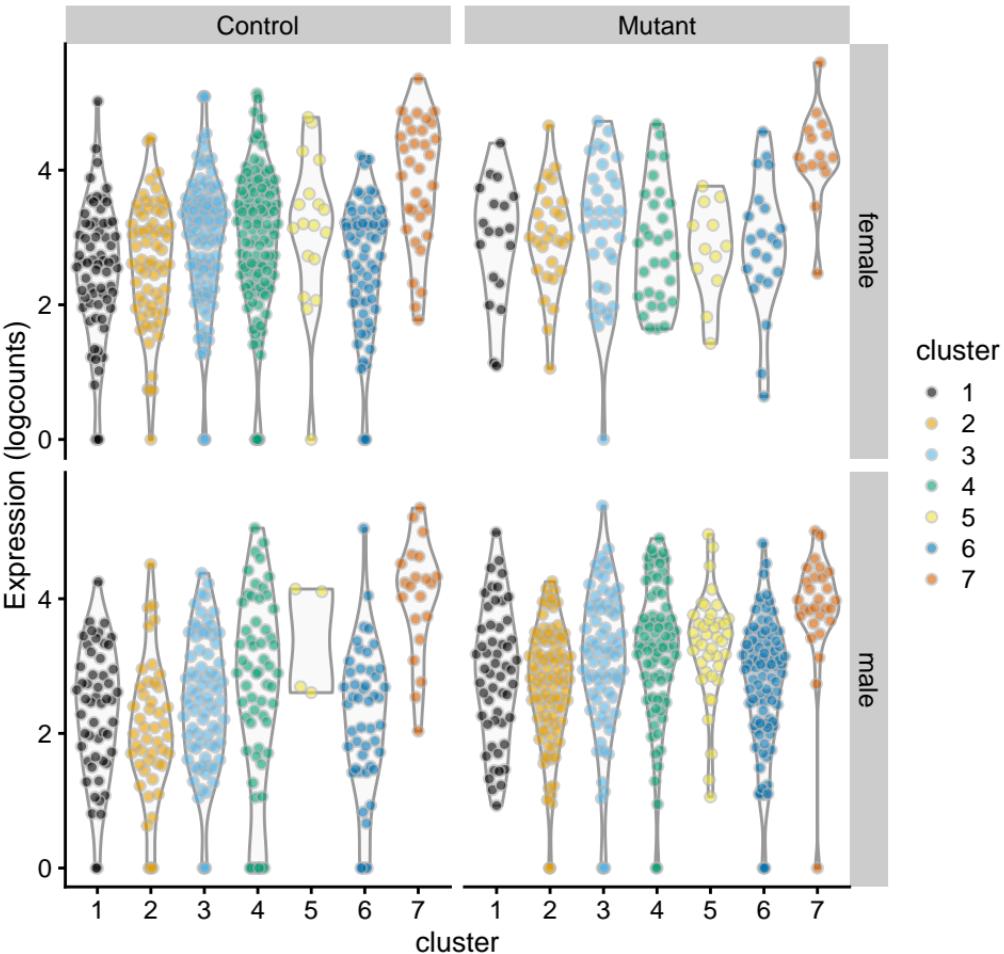
Cxcl12



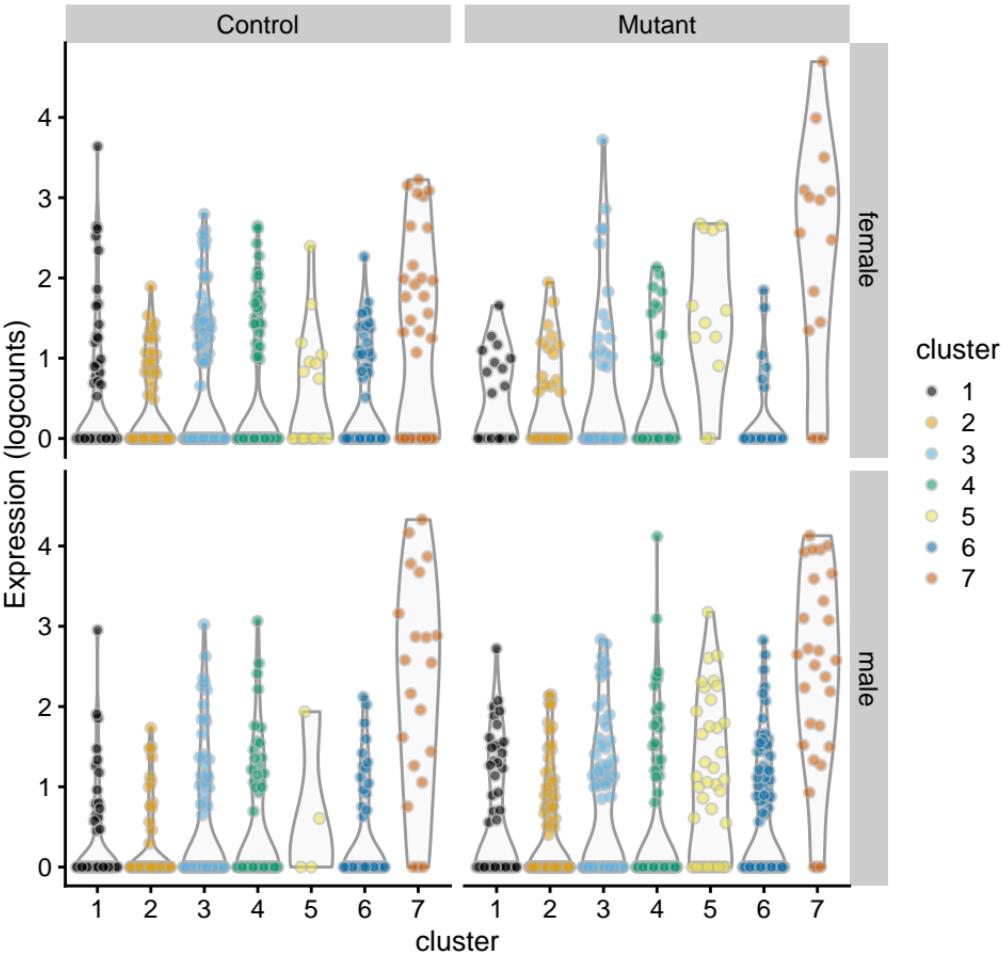
Ptn



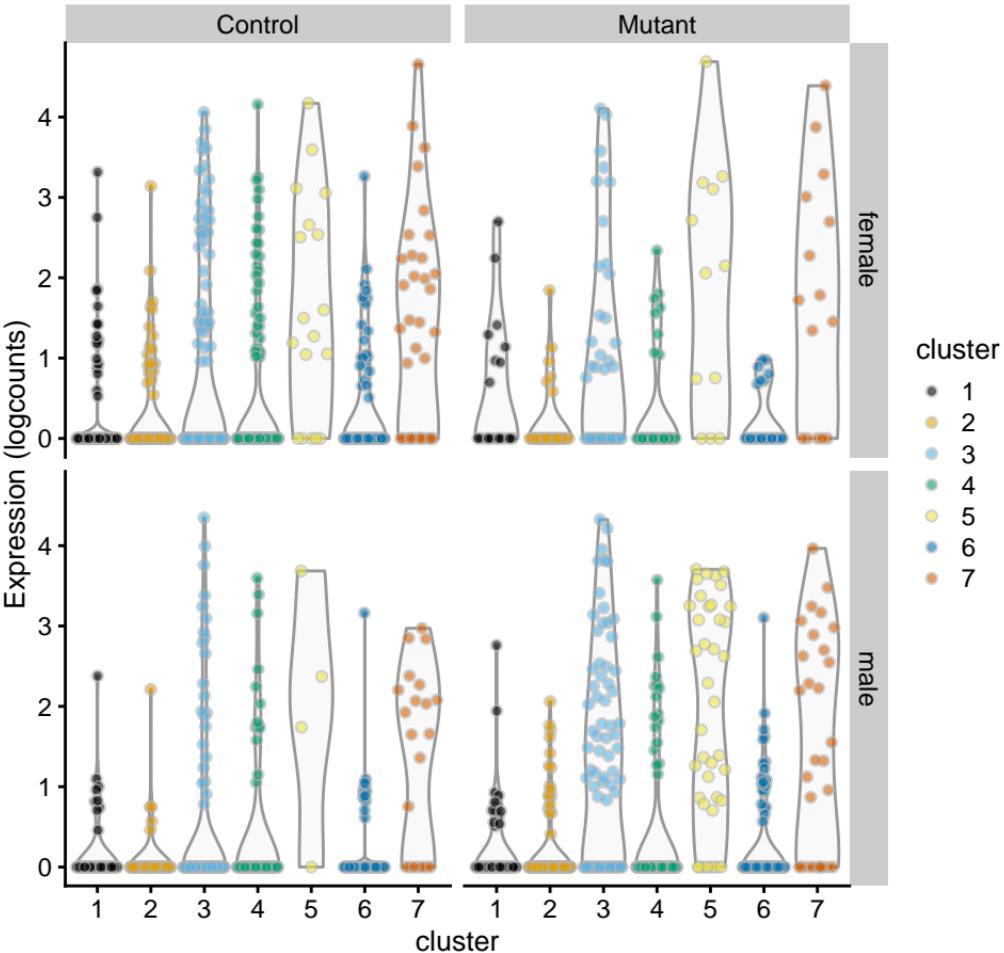
Sat1



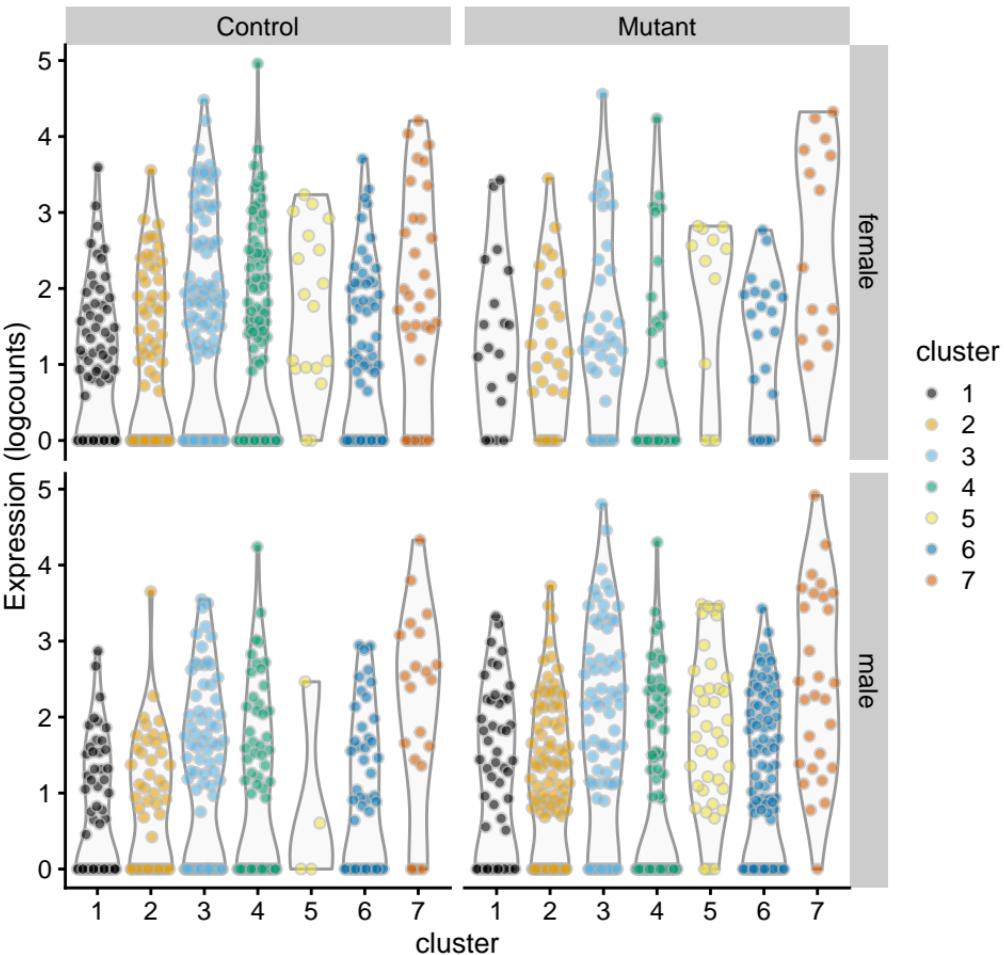
Efnb2



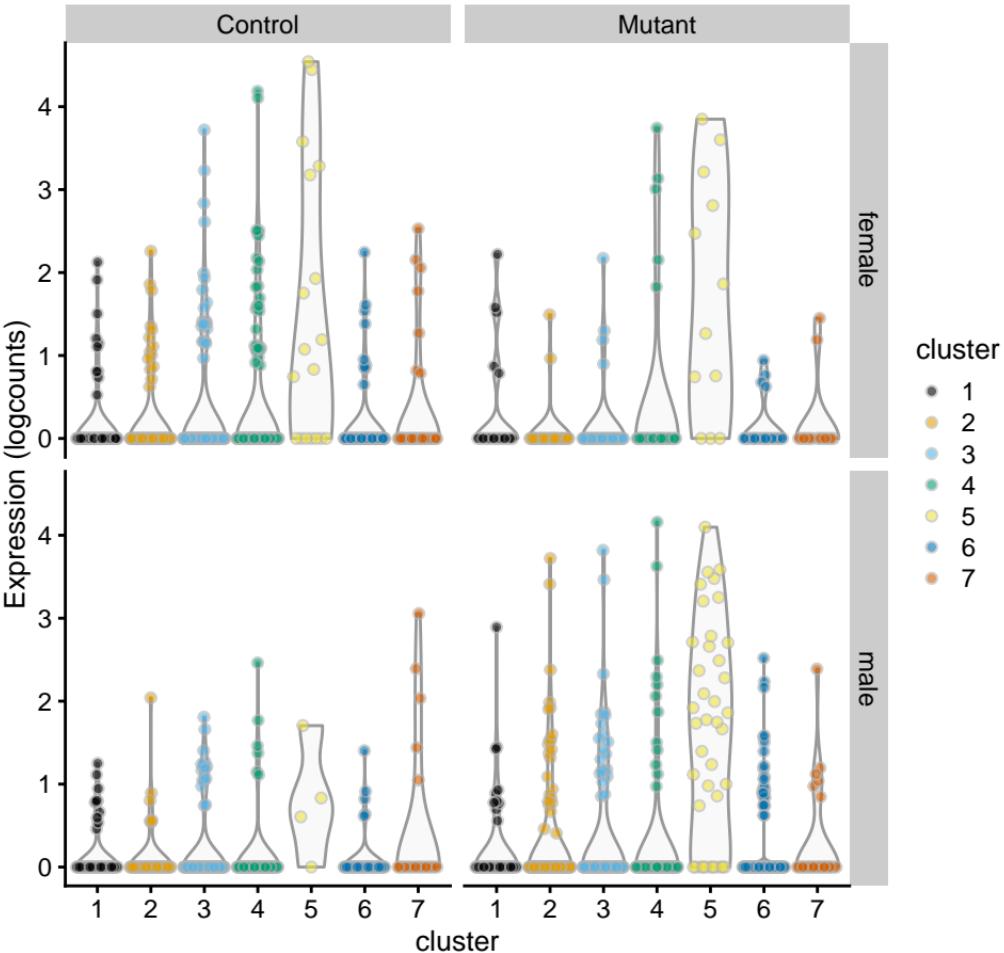
Cxcr4



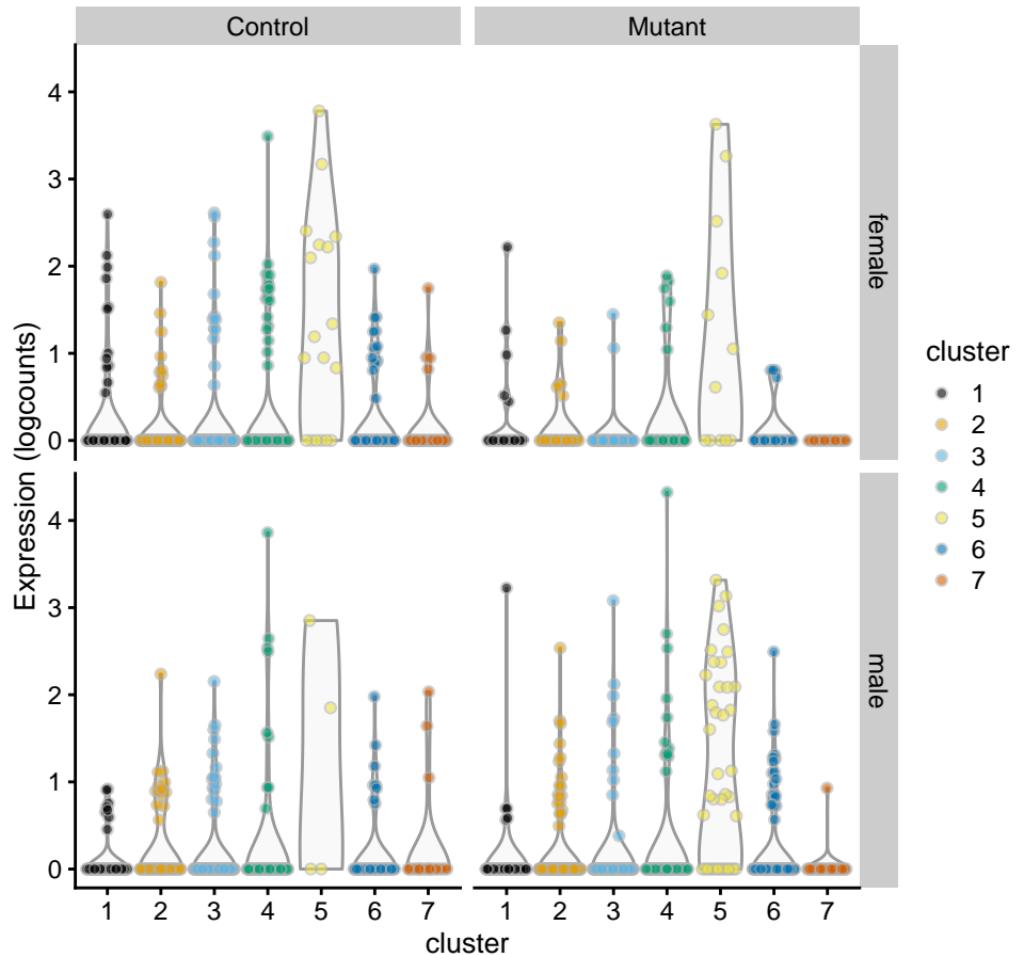
DII4



Esm1



Angpt2



Apln

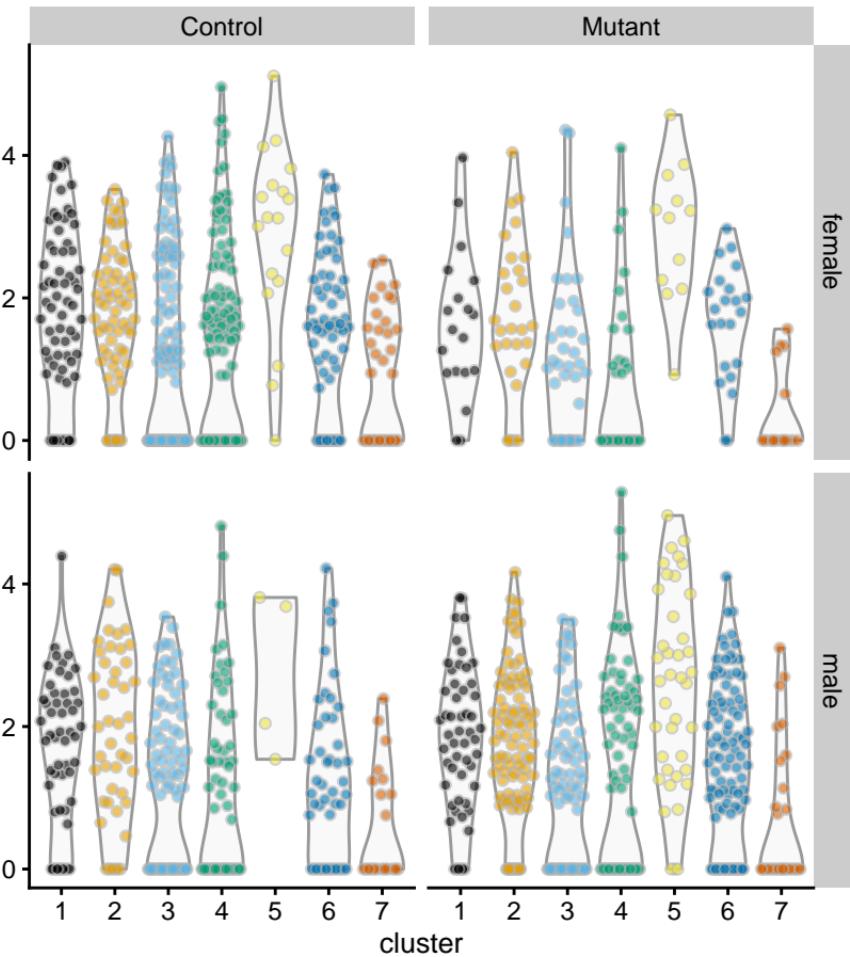
Control

Mutant

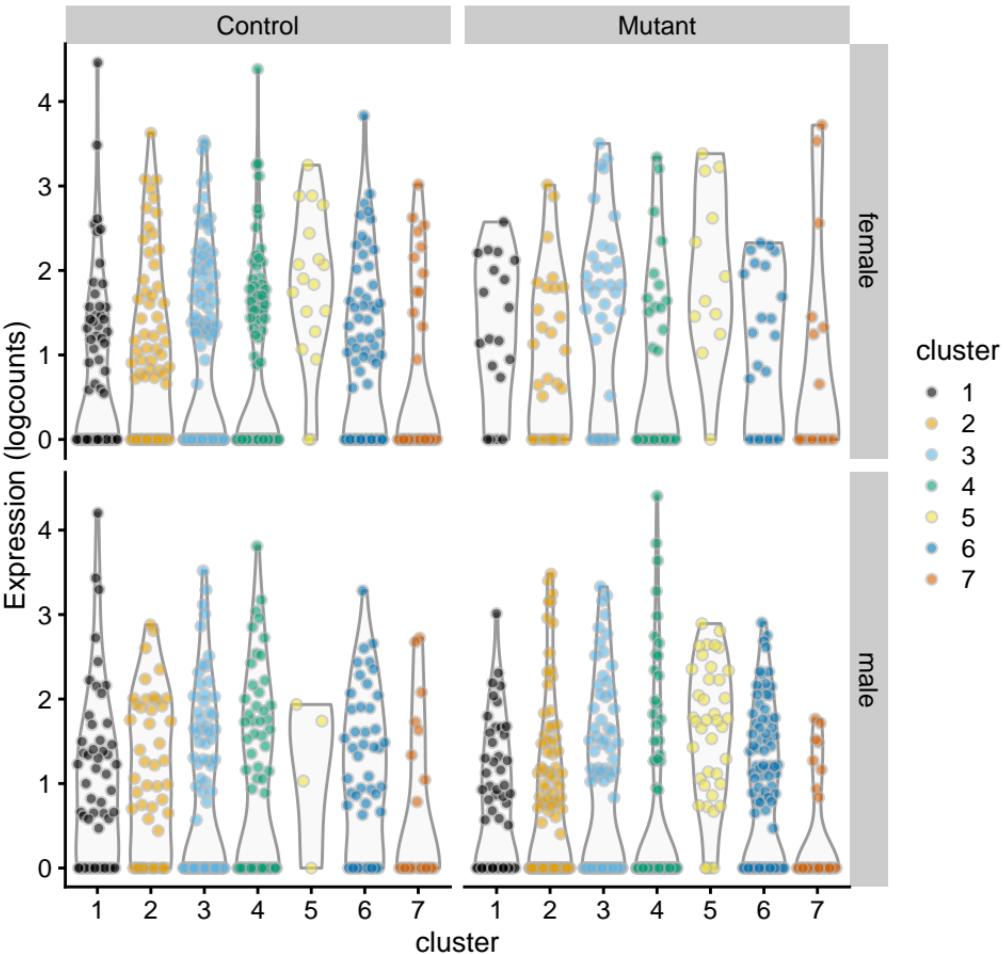
female

male

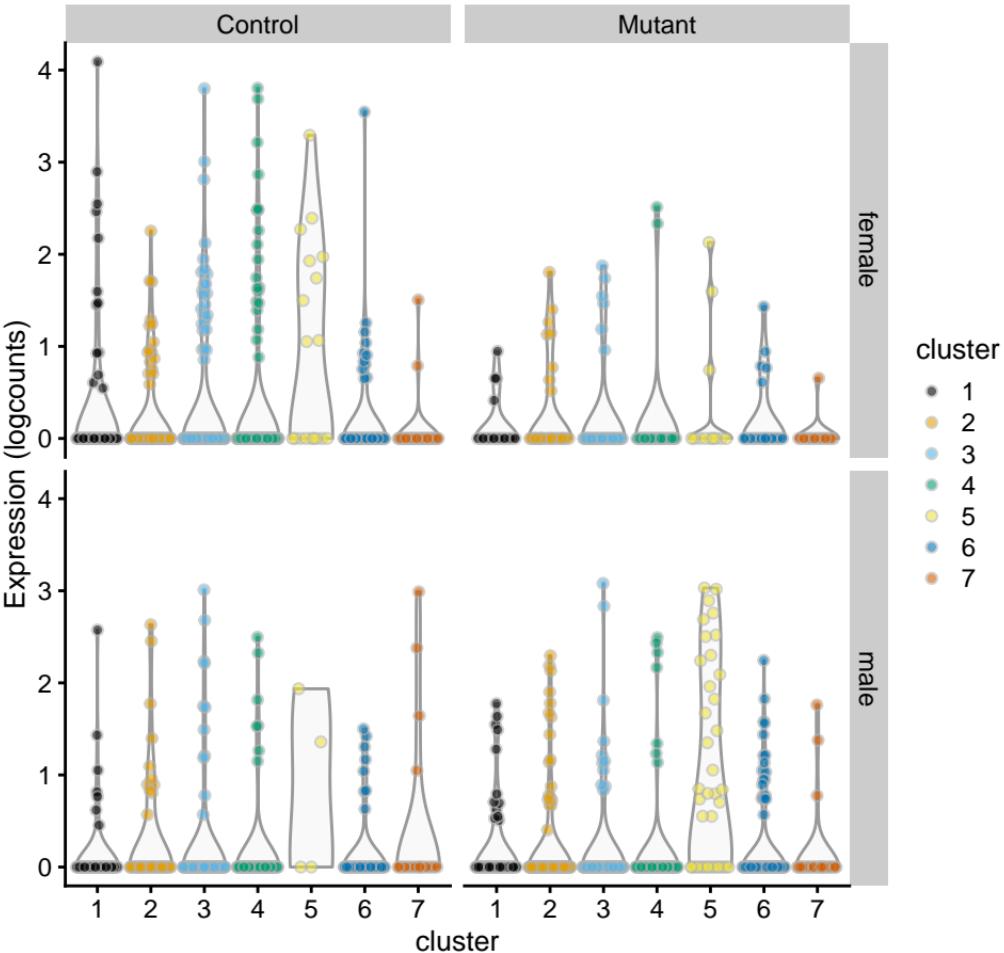
Expression (logcounts)



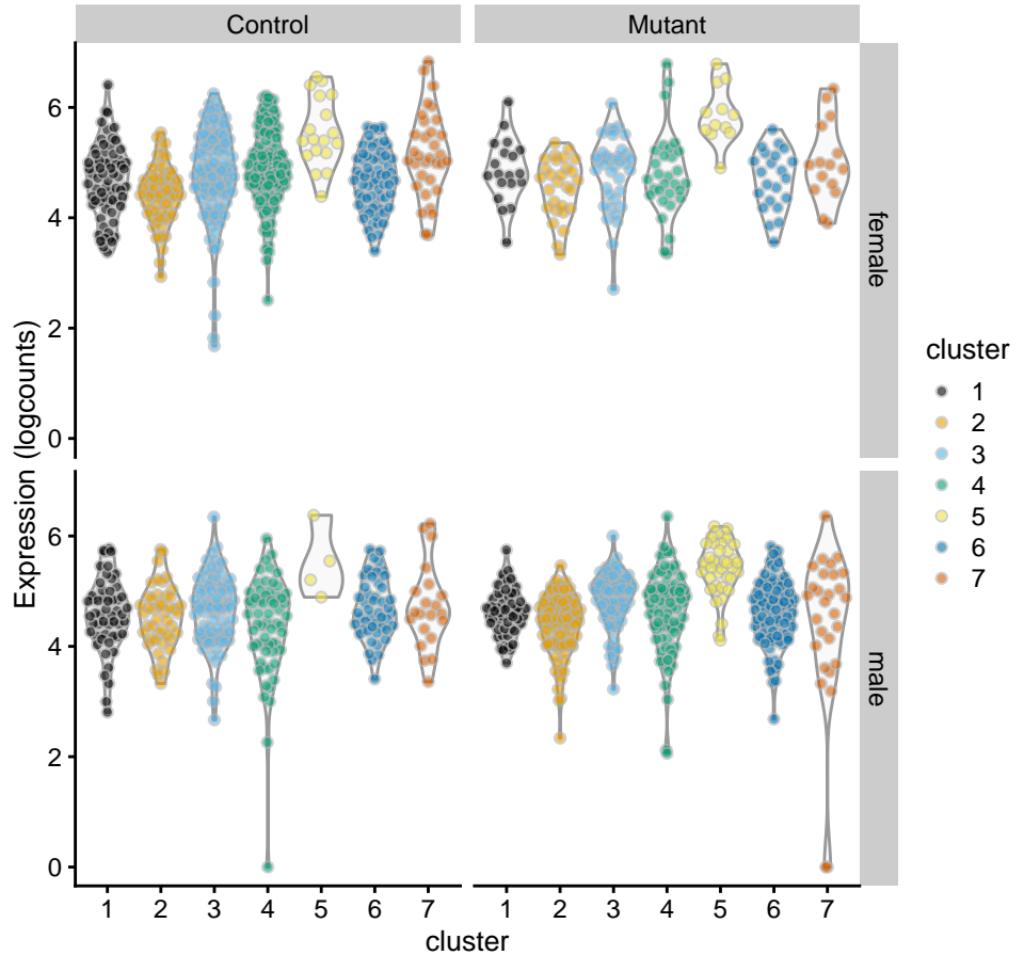
Flt4



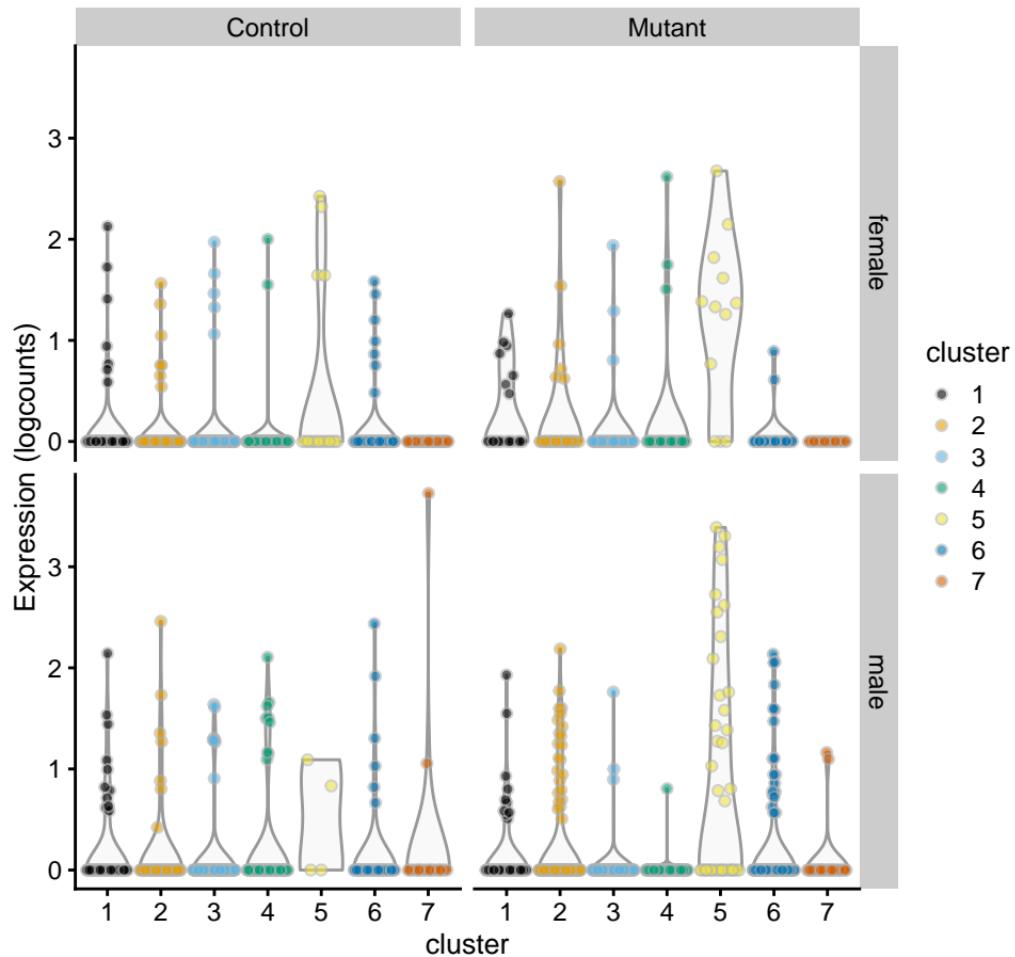
Adm



Col4a1



Ednrb



Igfbp3

Control

Mutant

female

cluster

1

2

3

4

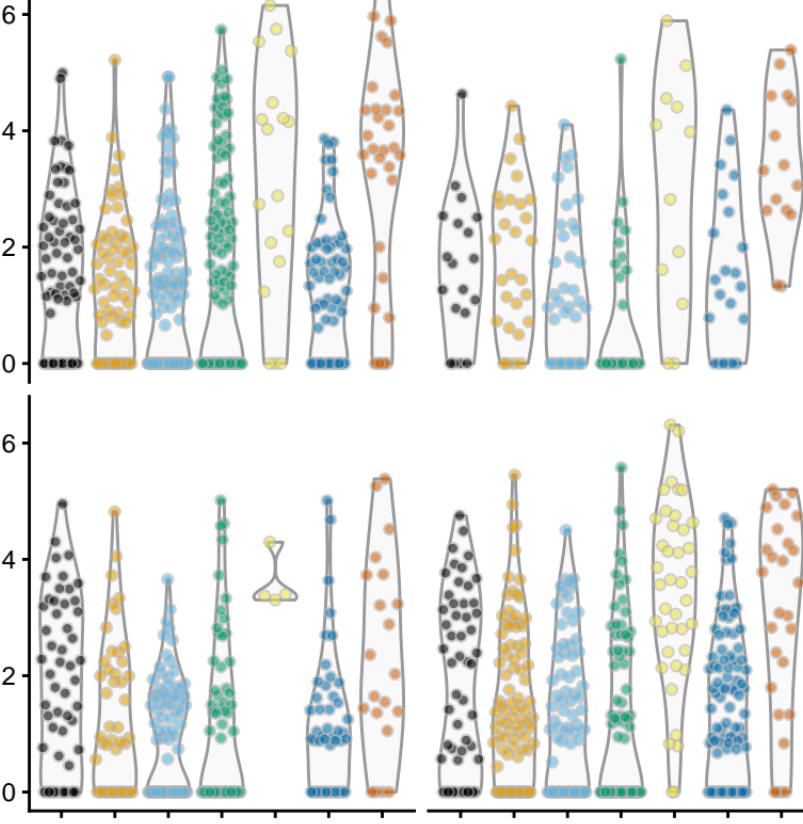
5

6

7

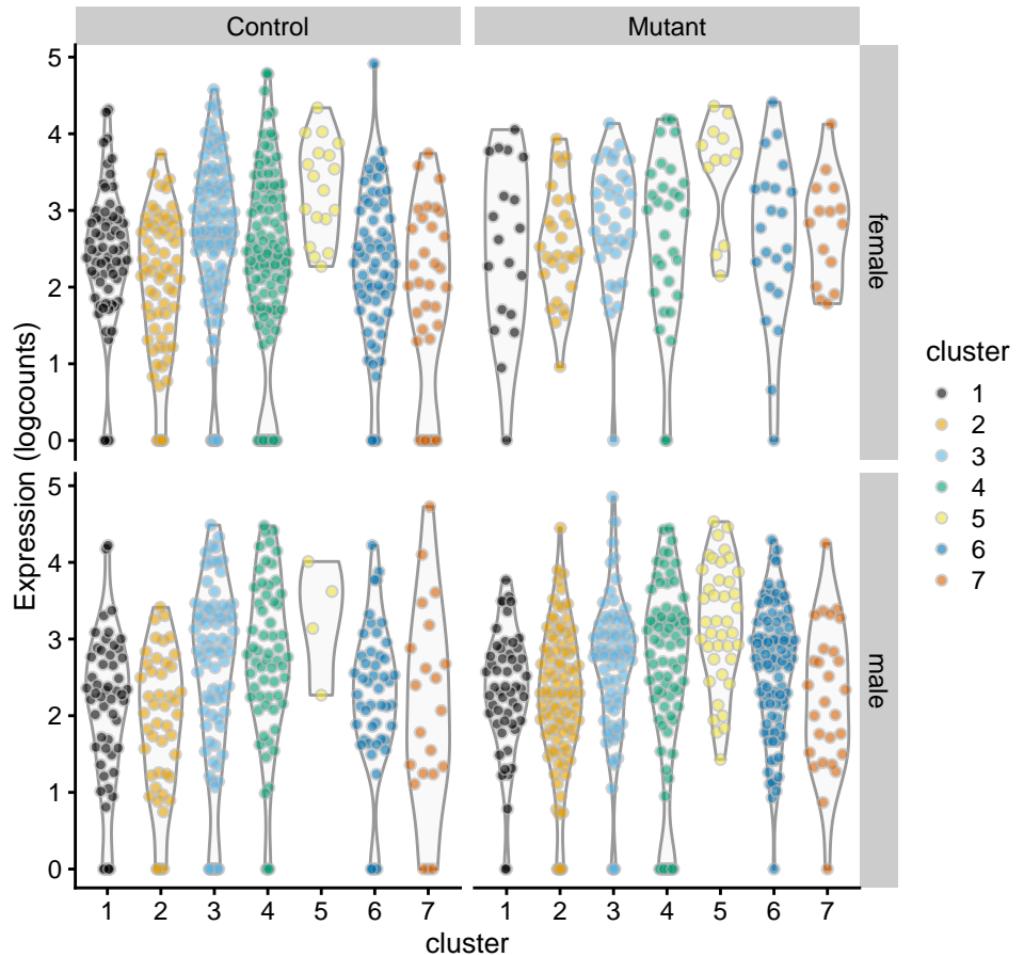
male

Expression (logcounts)

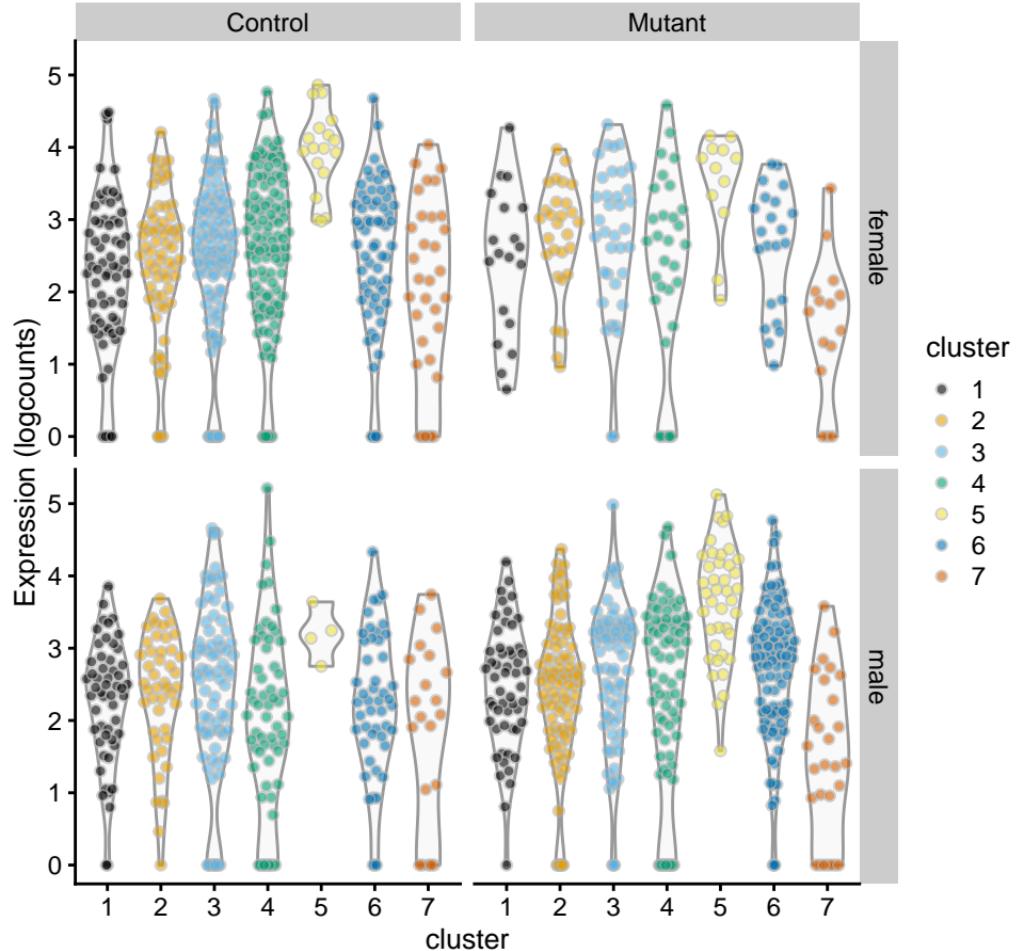


cluster

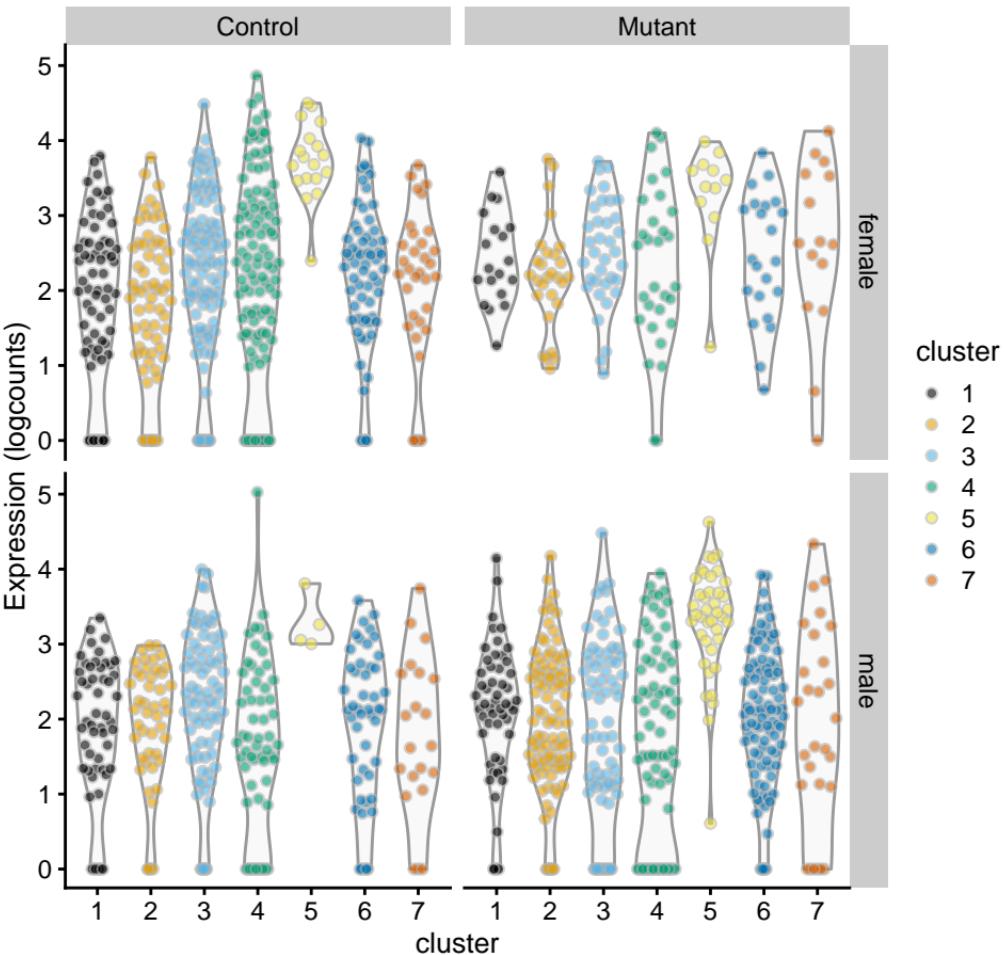
Lama4



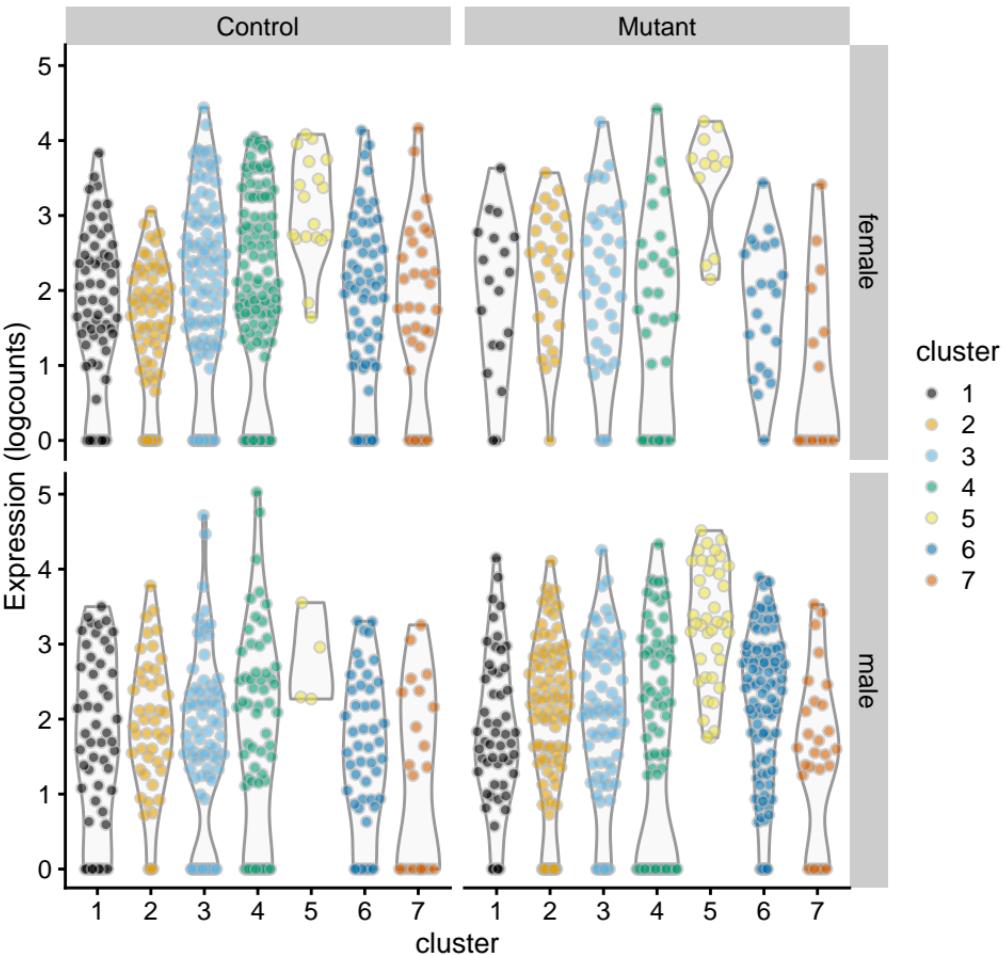
Lamb1



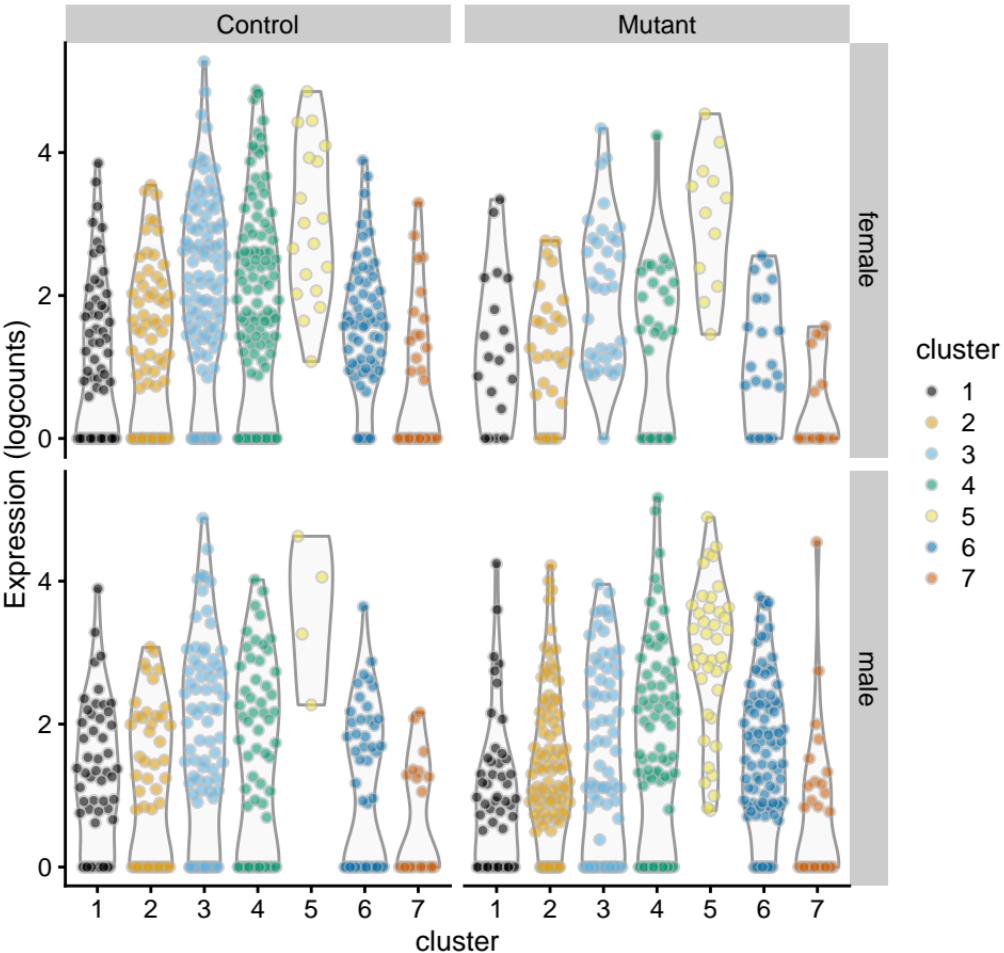
Mcam



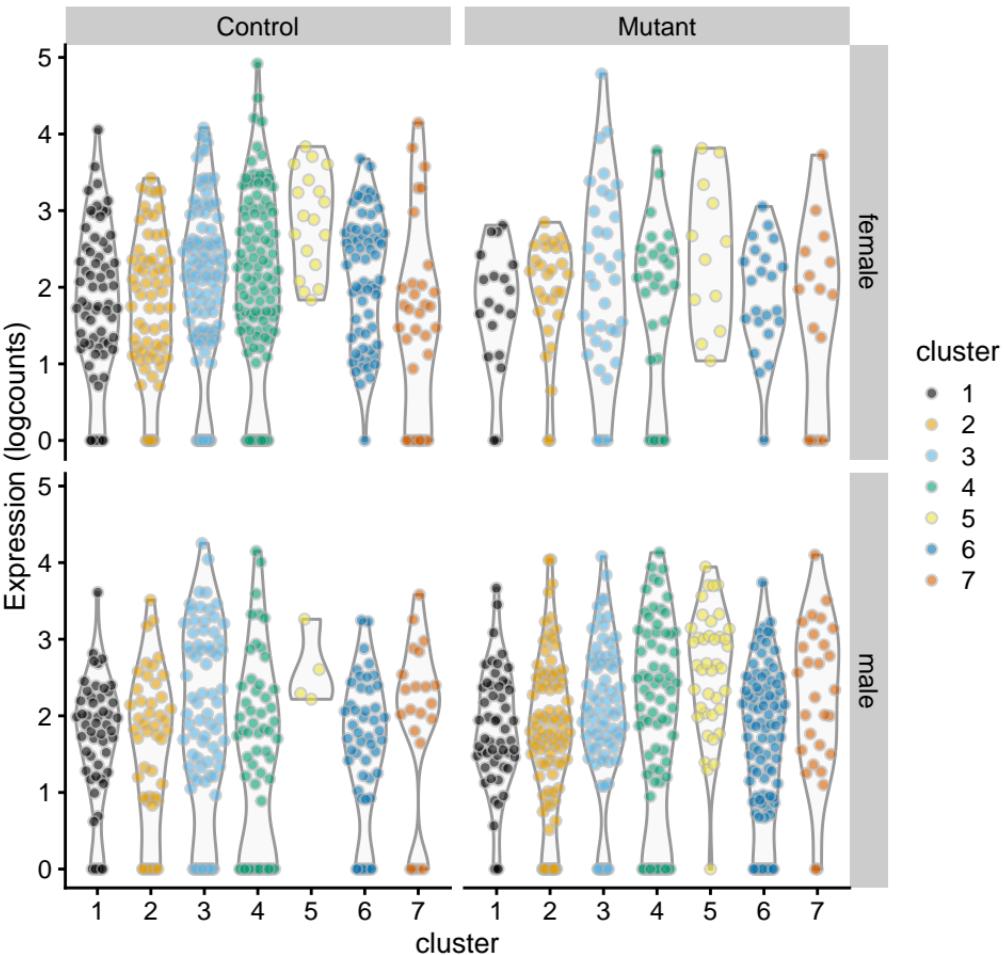
Nid2



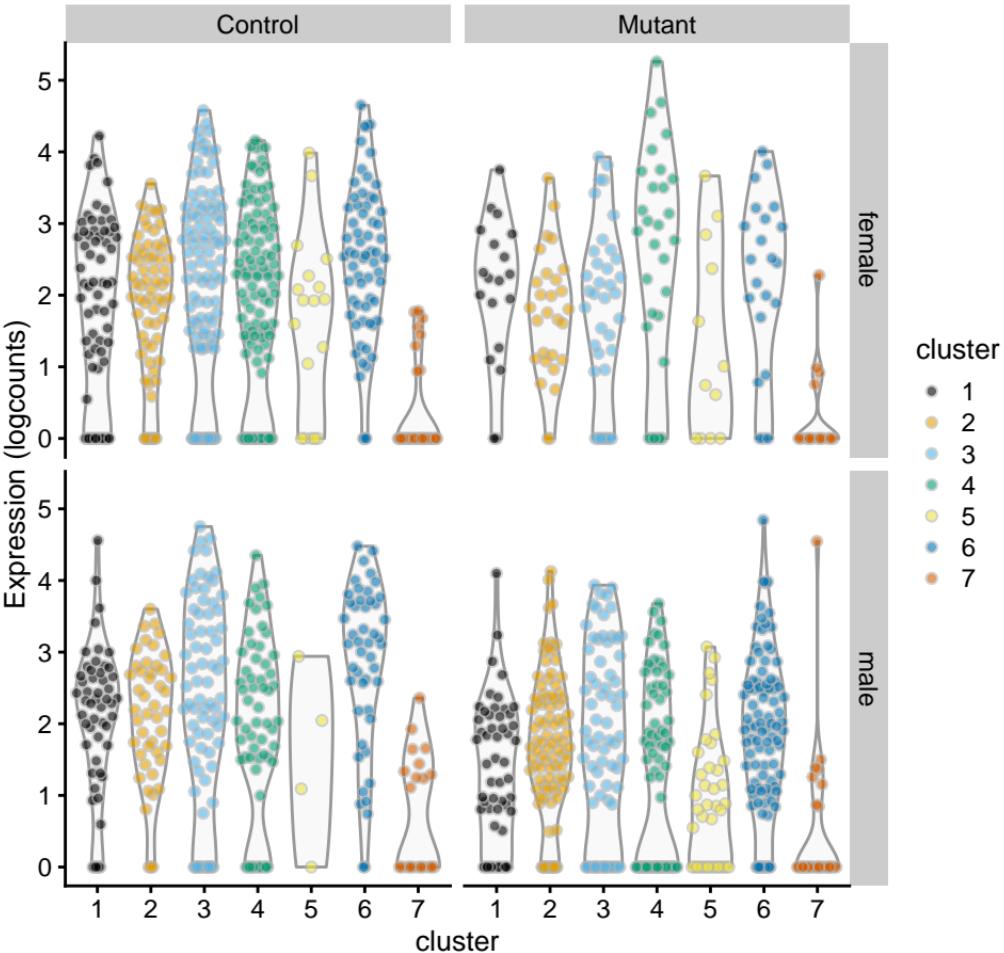
Trp53i11



Rhoc



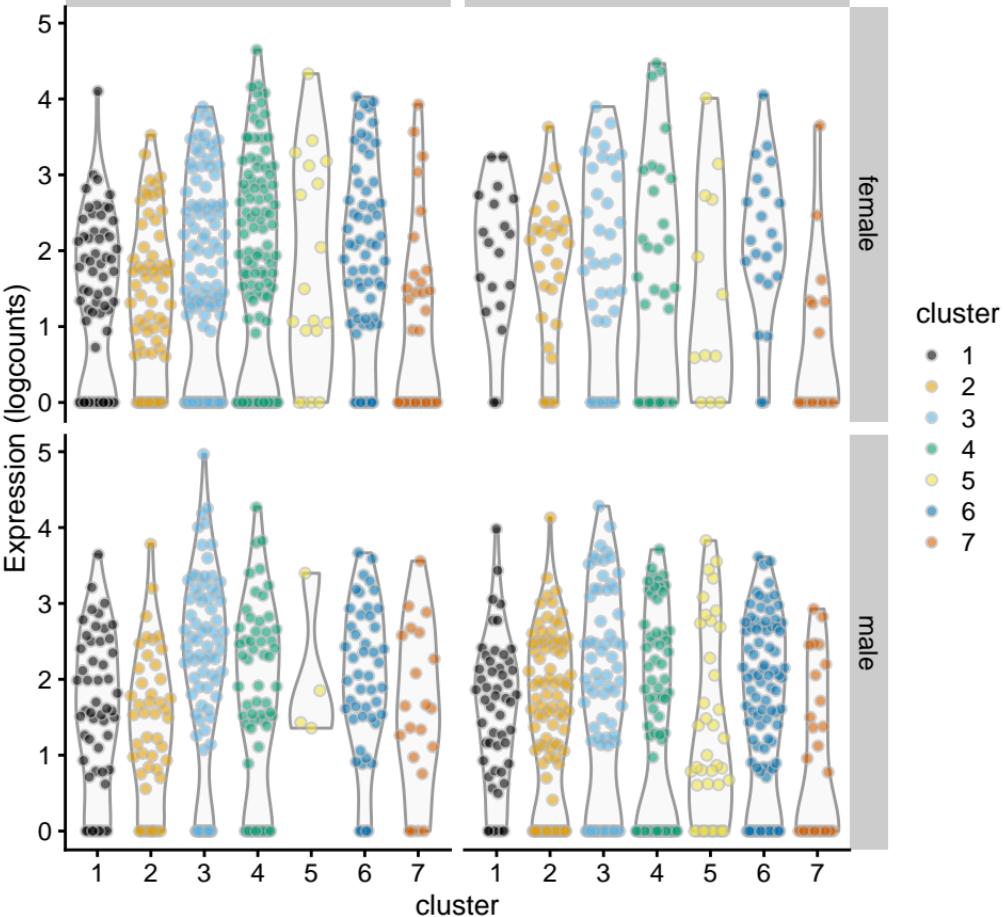
Aplnr



Prcp

Control

Mutant



Bgn

Control

Mutant

female

male

Expression (log₁₀)

4

3

2

1

0

1 2 3 4 5 6 7

cluster

cluster

- 1
- 2
- 3
- 4
- 5
- 6
- 7

Slc38a5

Control

Mutant

female

cluster

- 1
- 2
- 3
- 4
- 5
- 6
- 7

male

Expression (logcounts)

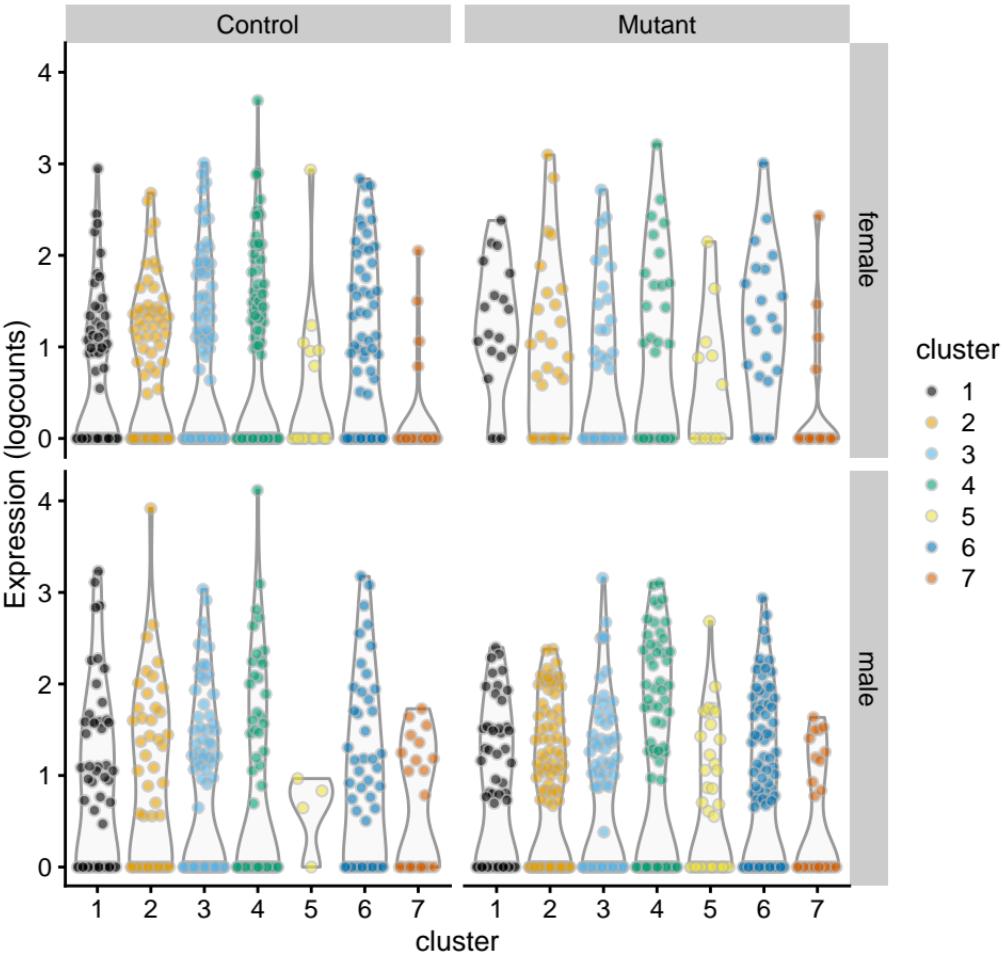
5
4
3
2
1
0

5
4
3
2
1
0

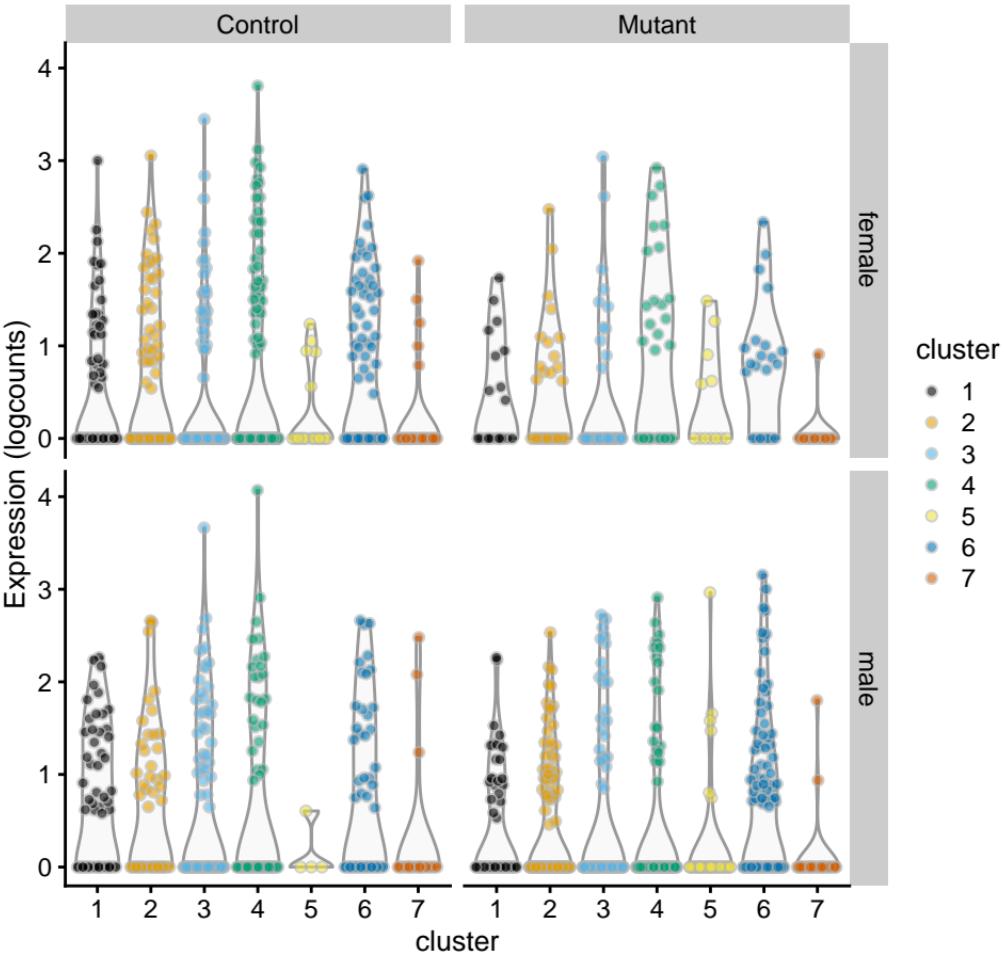
cluster

1 2 3 4 5 6 7 1 2 3 4 5 6 7

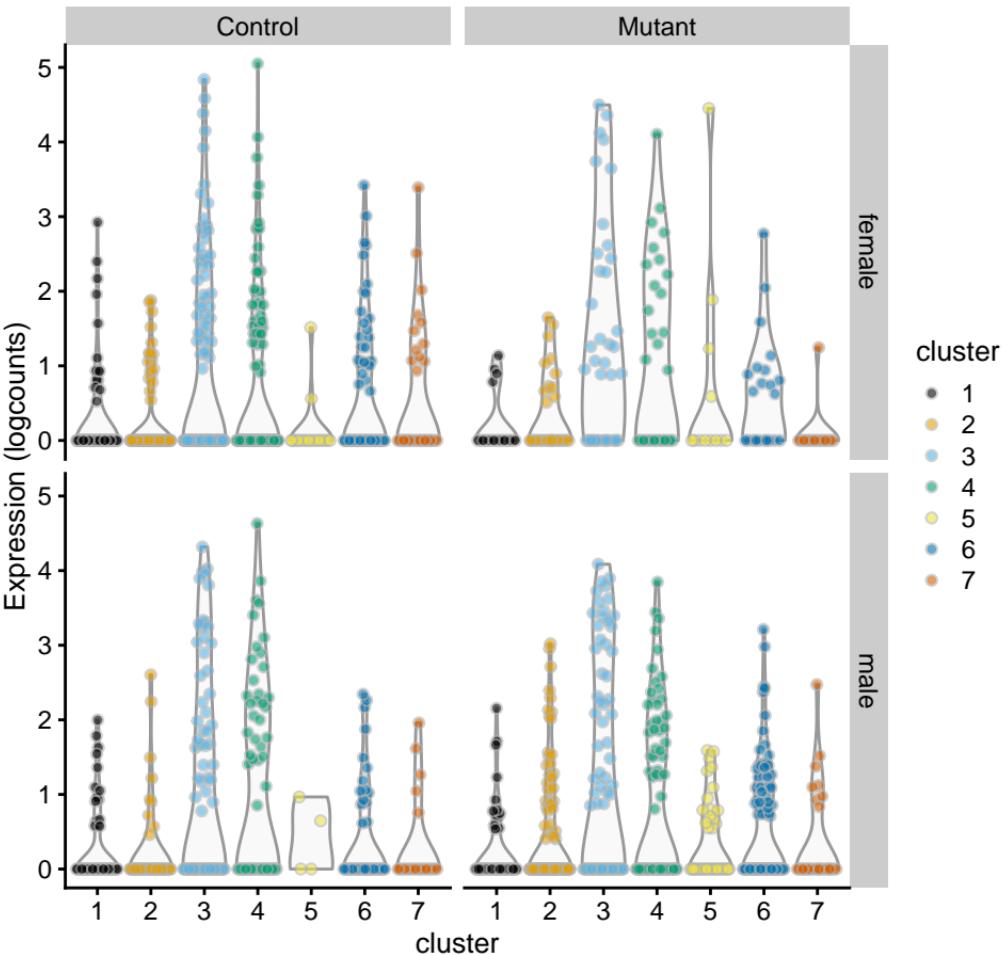
Nr2f2



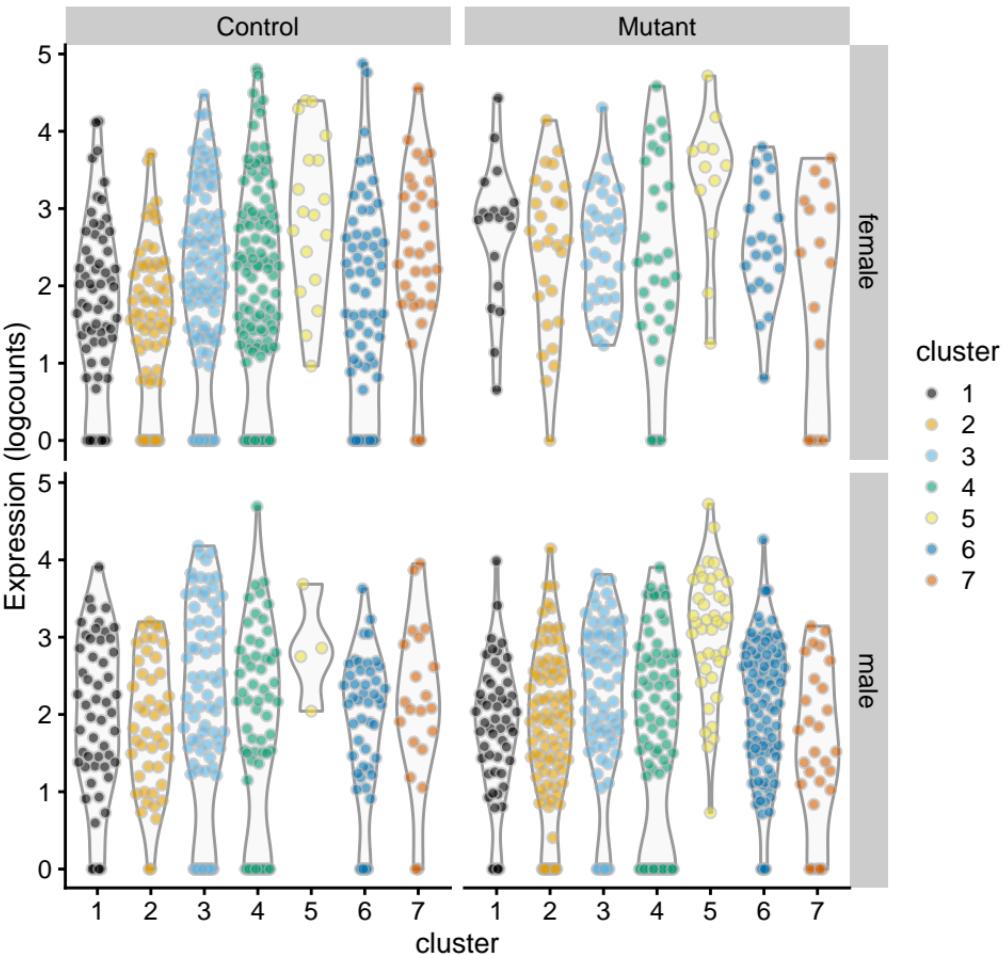
Gatm



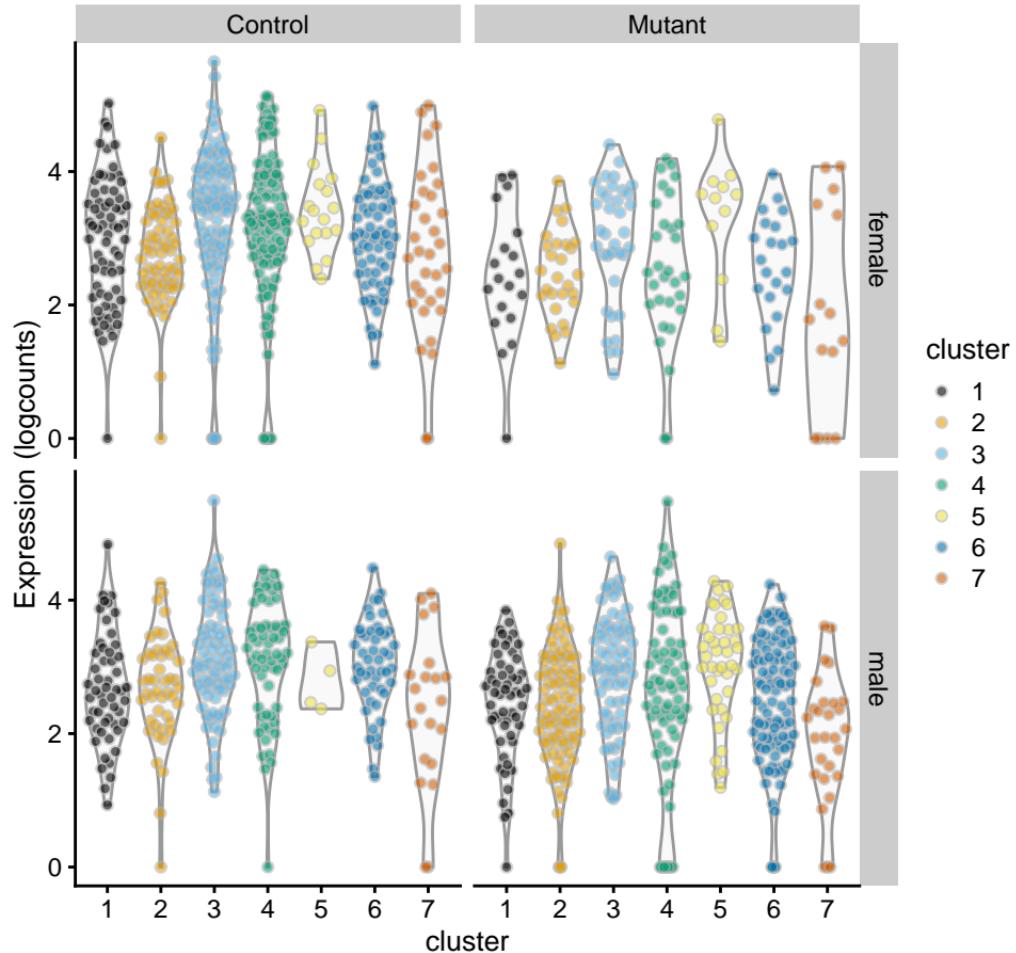
Apod



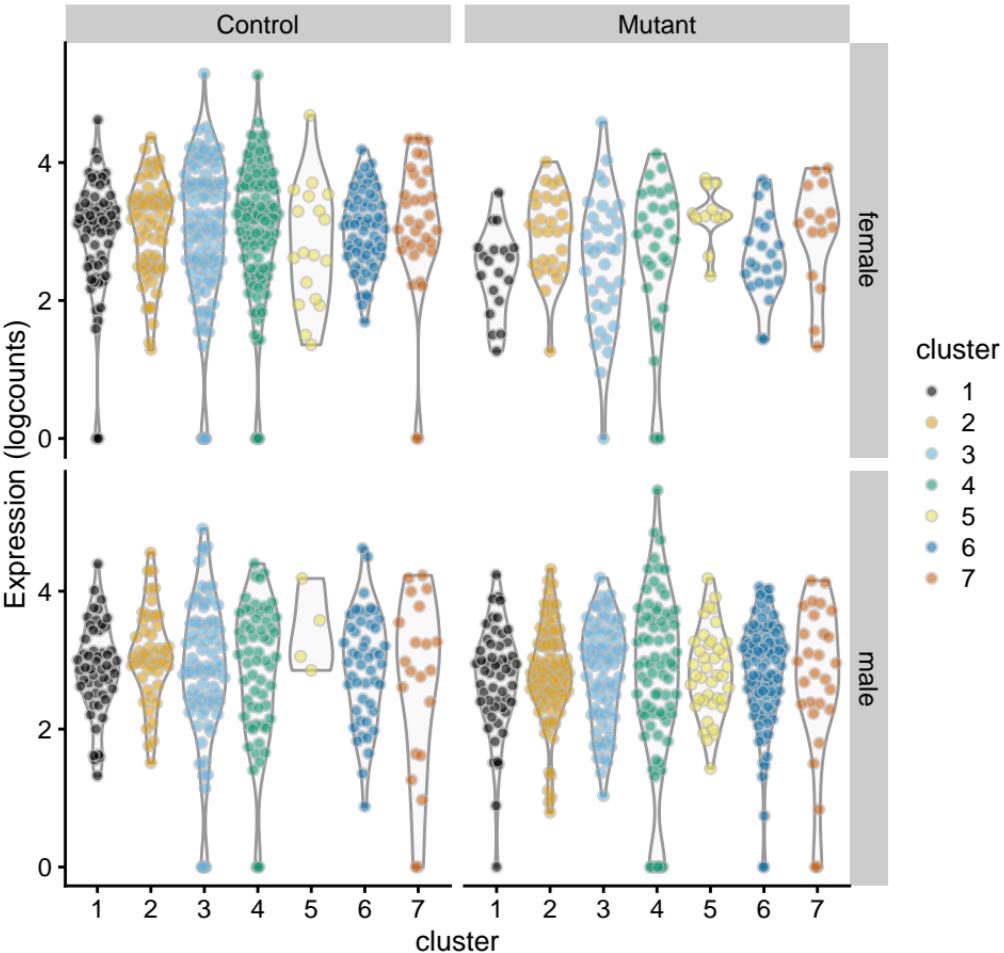
Hspg2



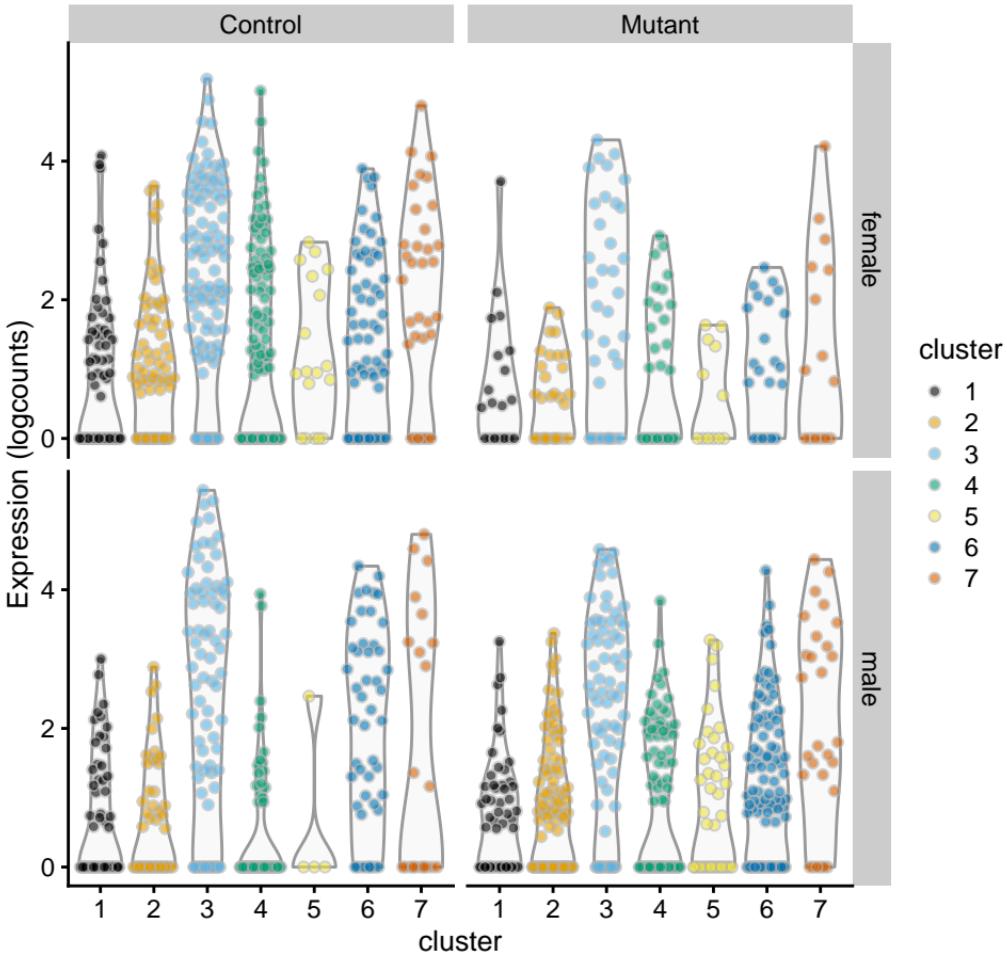
Vwa1



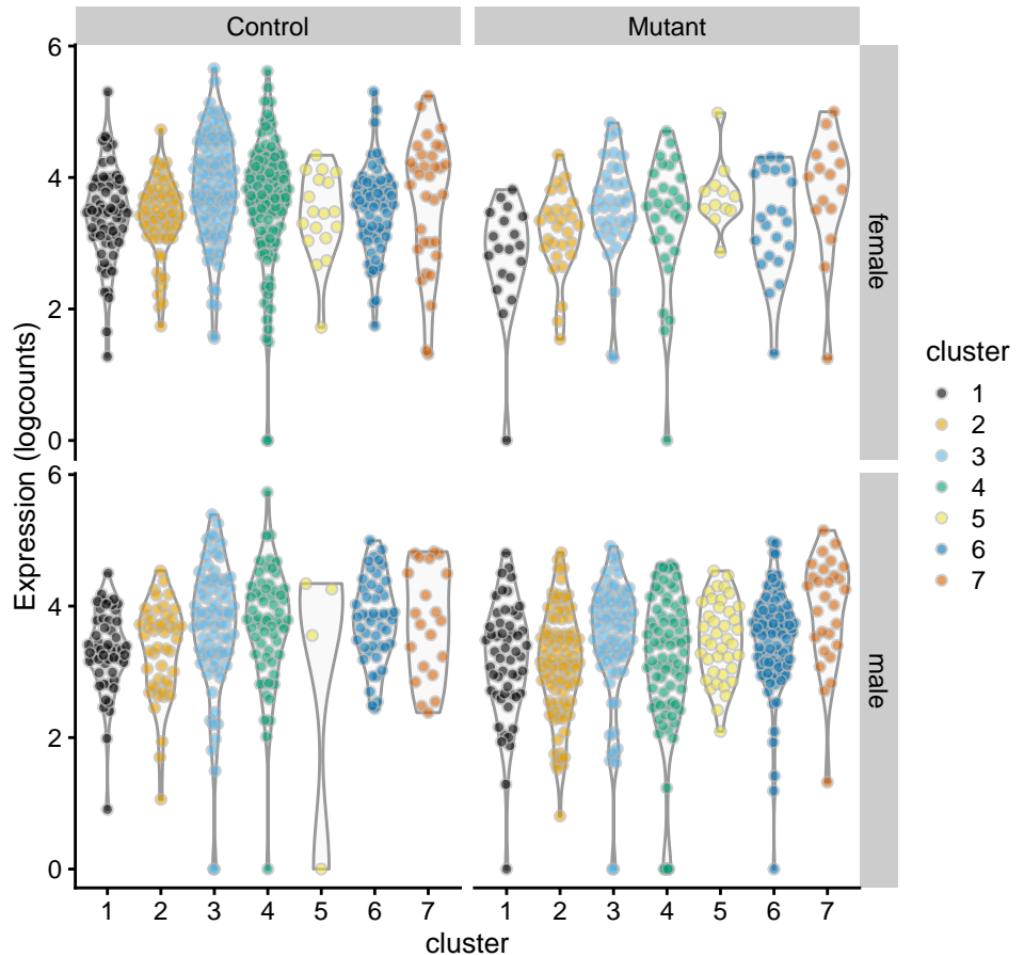
Eng



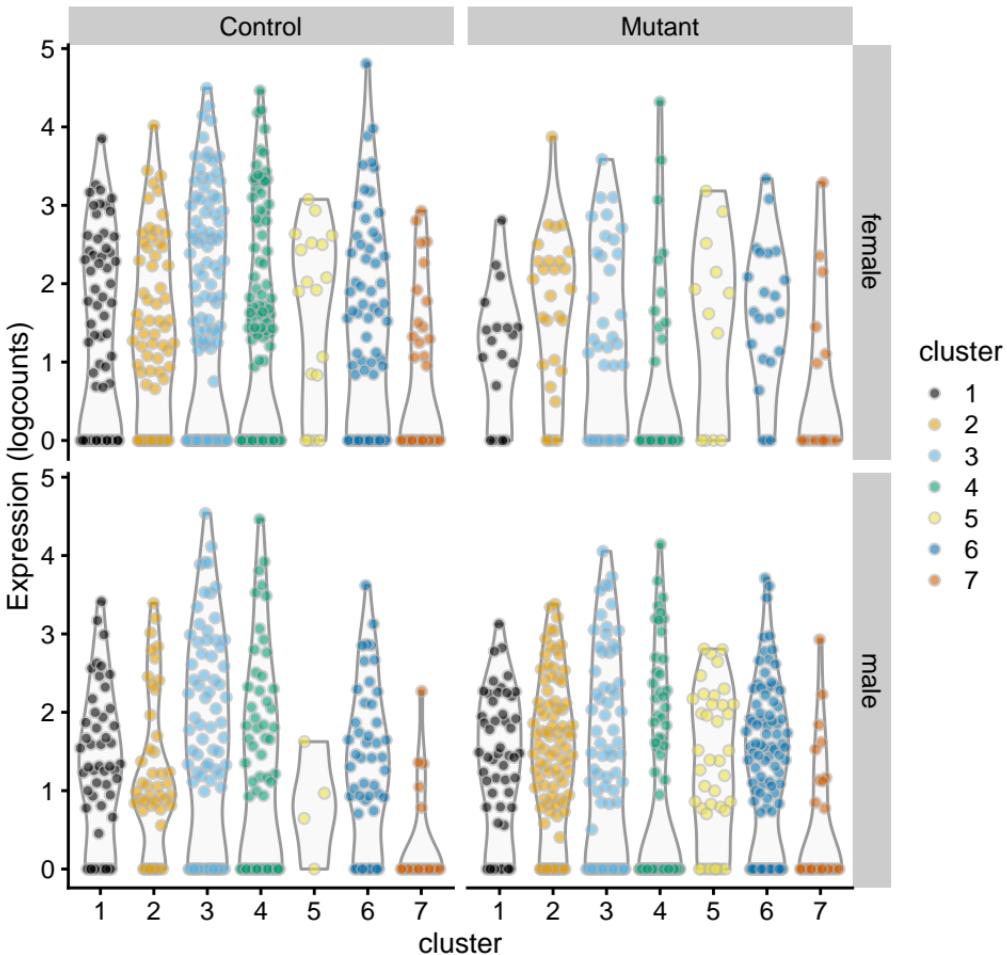
Egr1



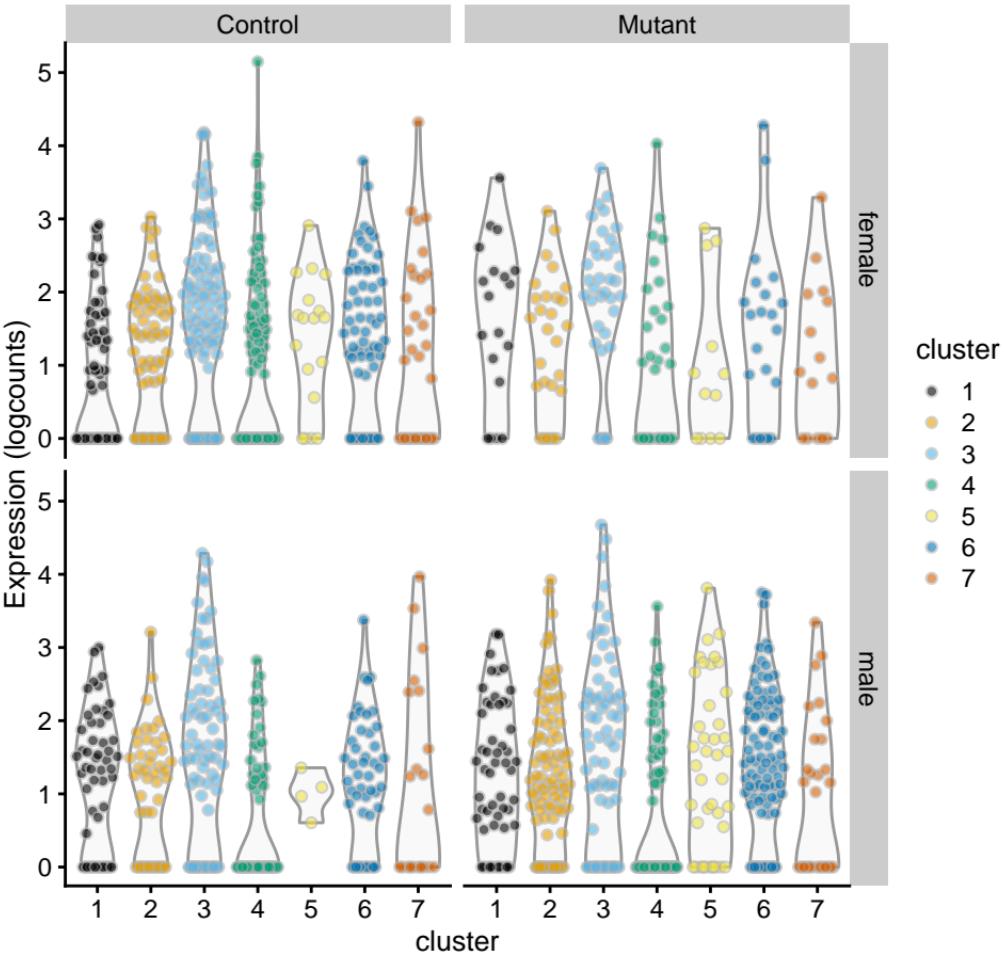
Kdr



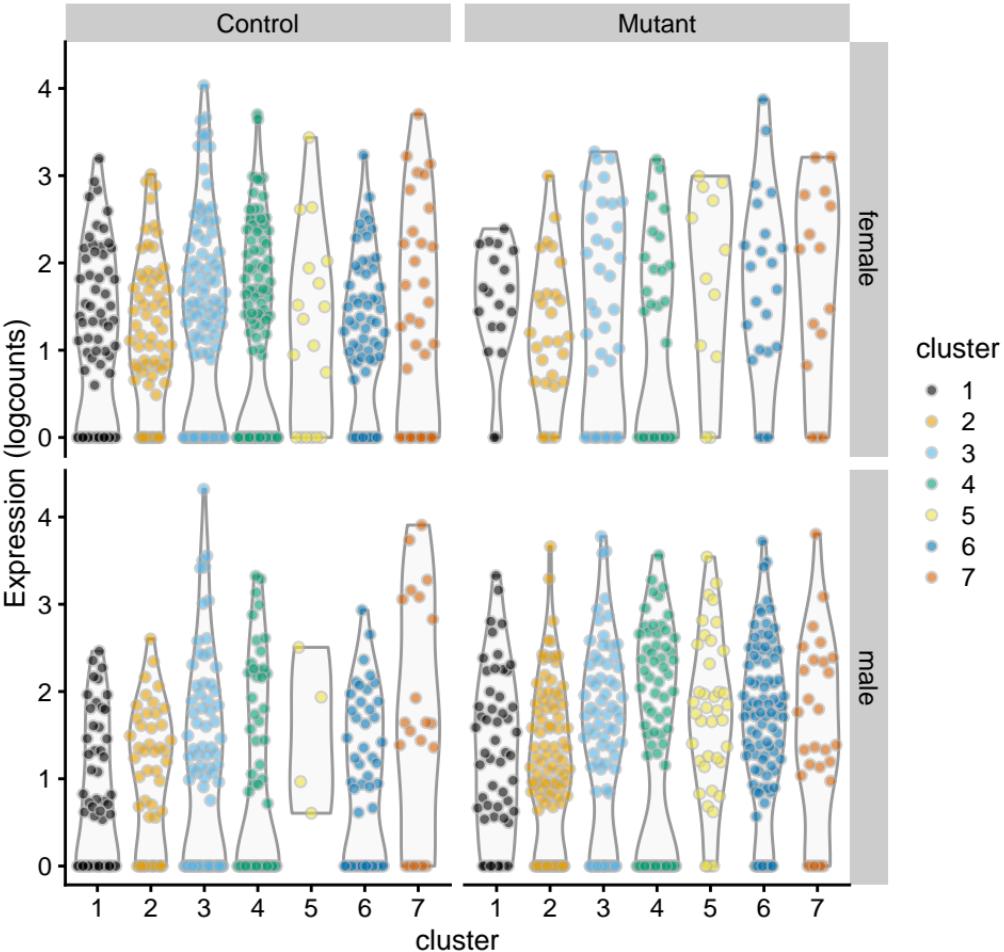
Rgcc



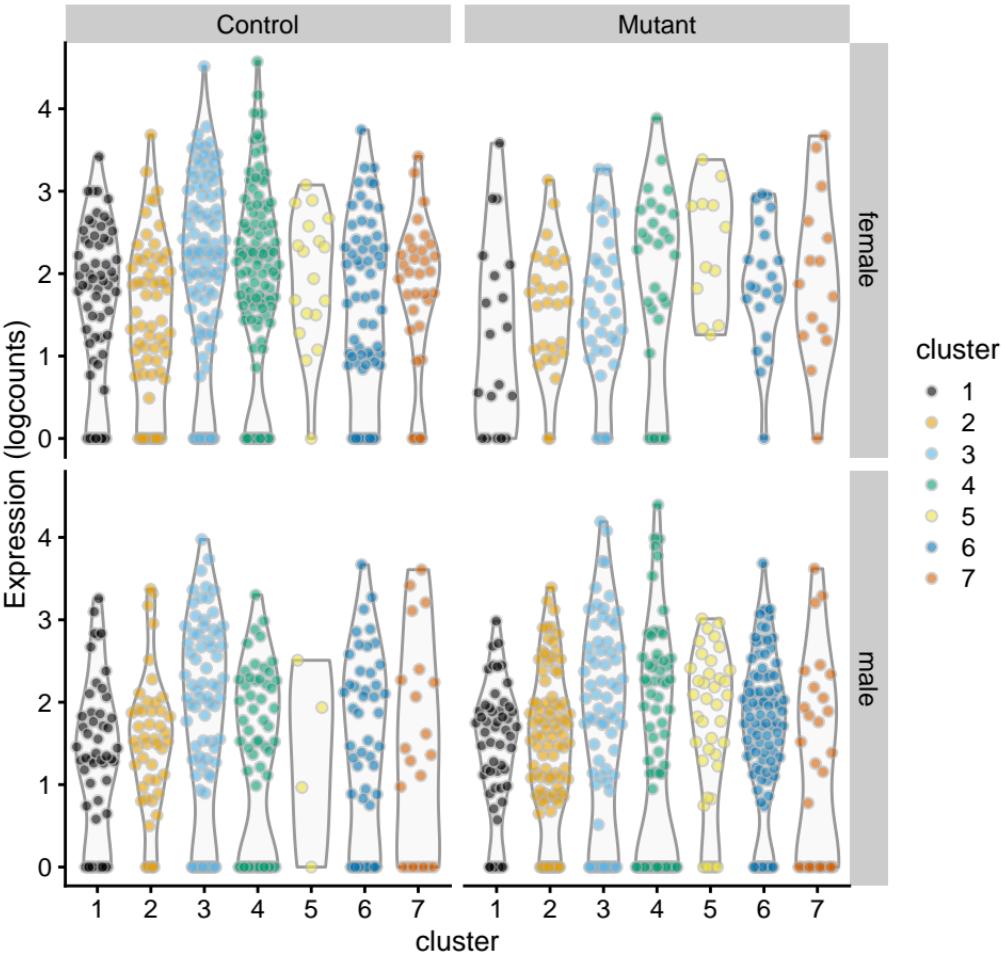
Sgk1



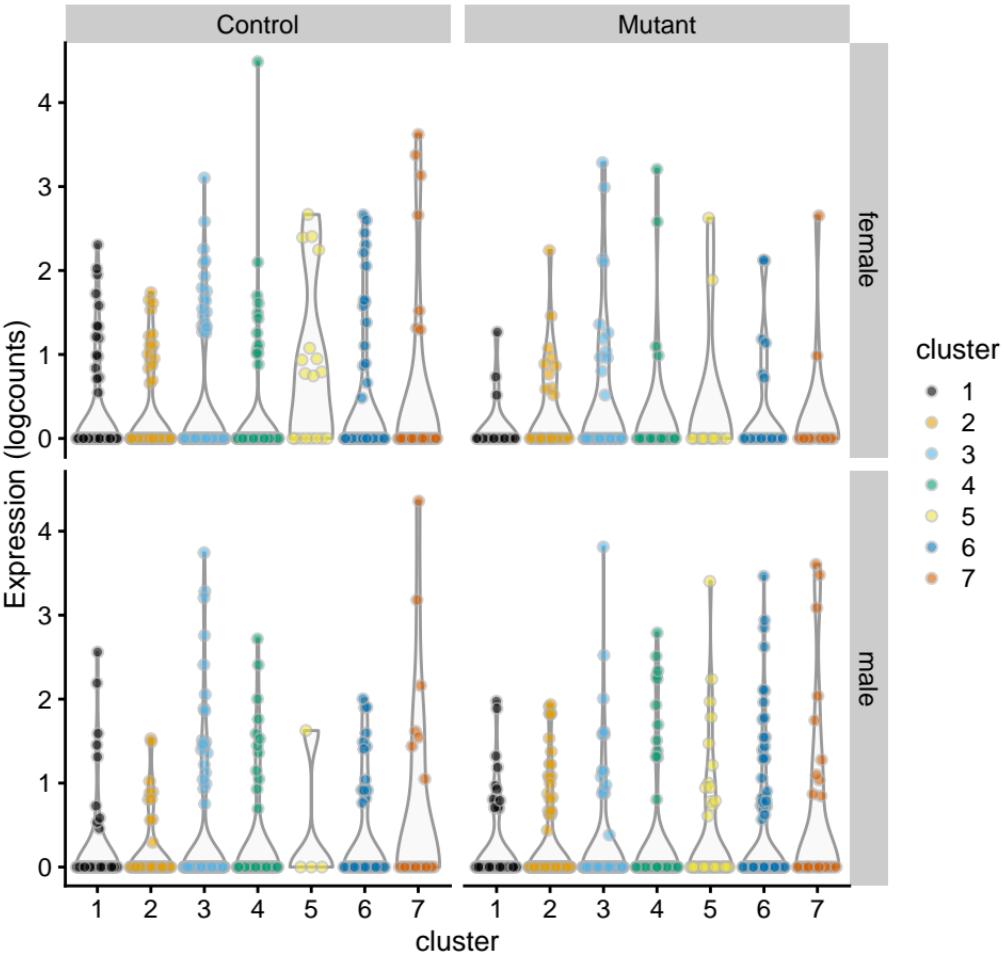
Cd200



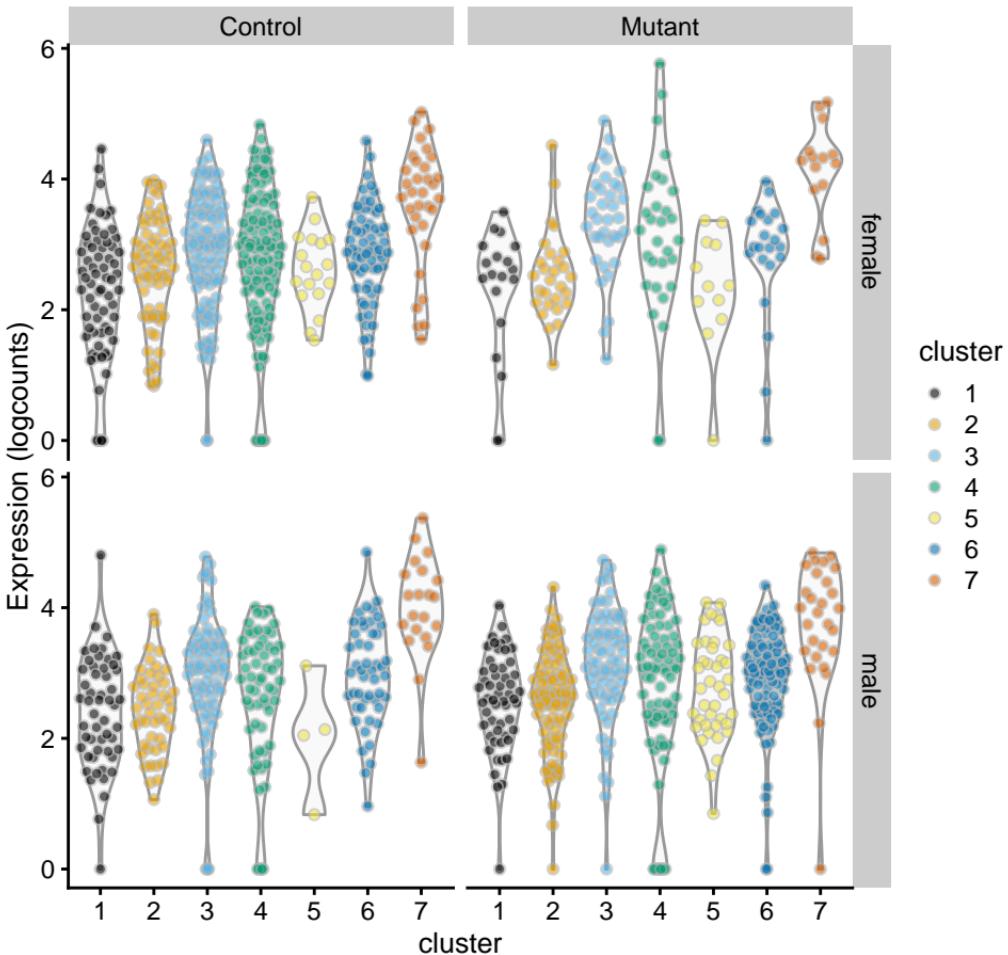
BC028528



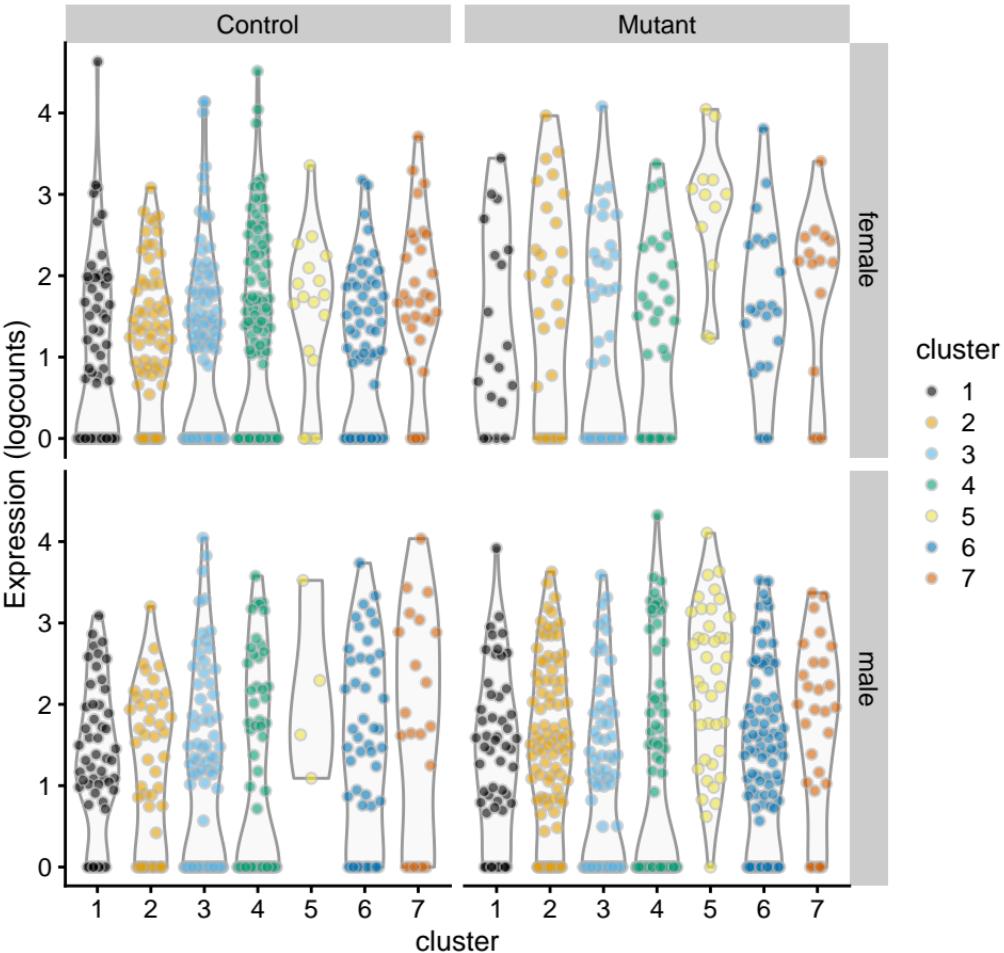
Edn1



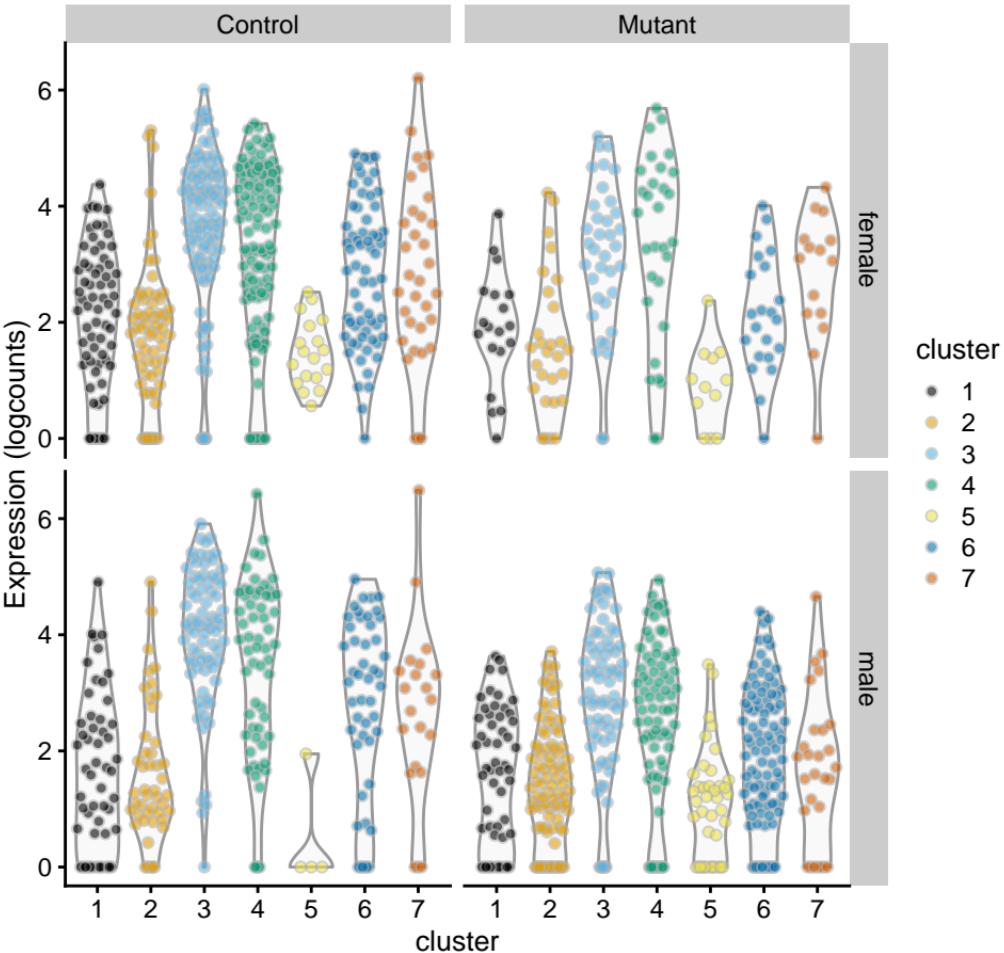
Epas1



Cav1



Spock2



Sparc

Control

Mutant

female

male

cluster

- 1
- 2
- 3
- 4
- 5
- 6
- 7

Expression (logcounts)

8

6

4

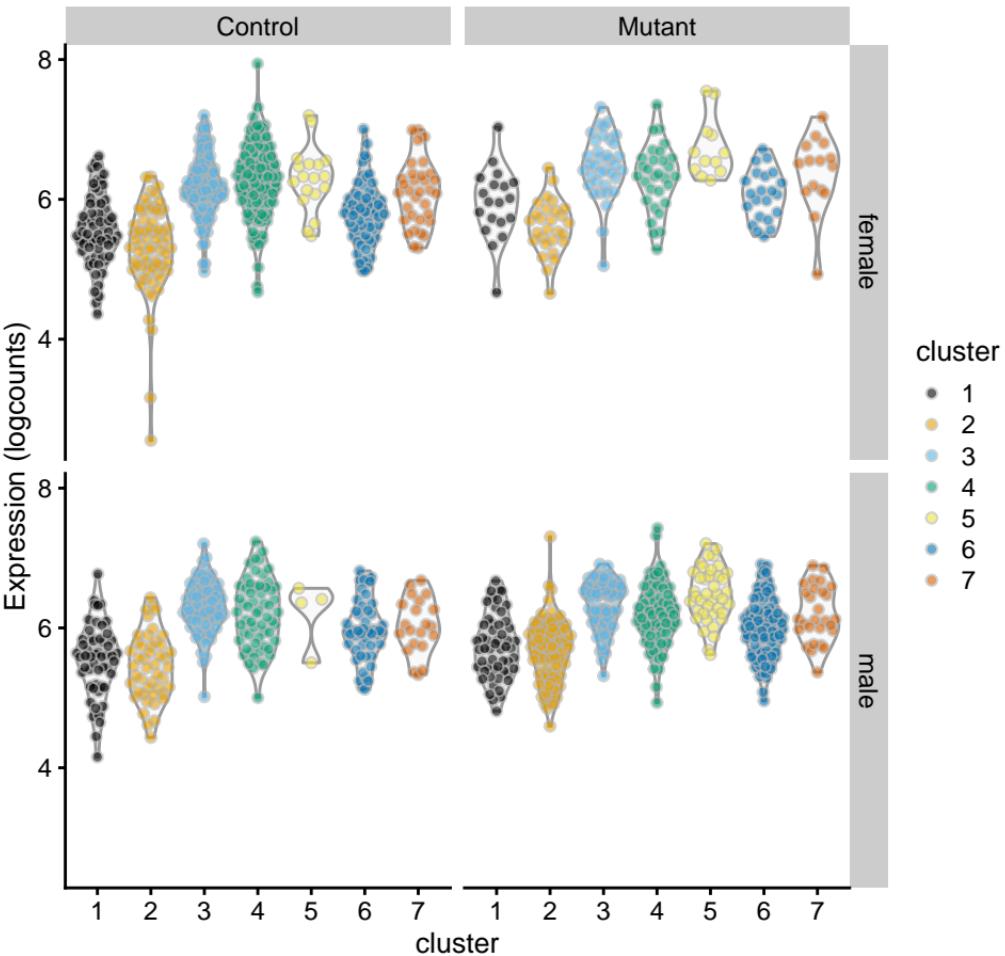
8

6

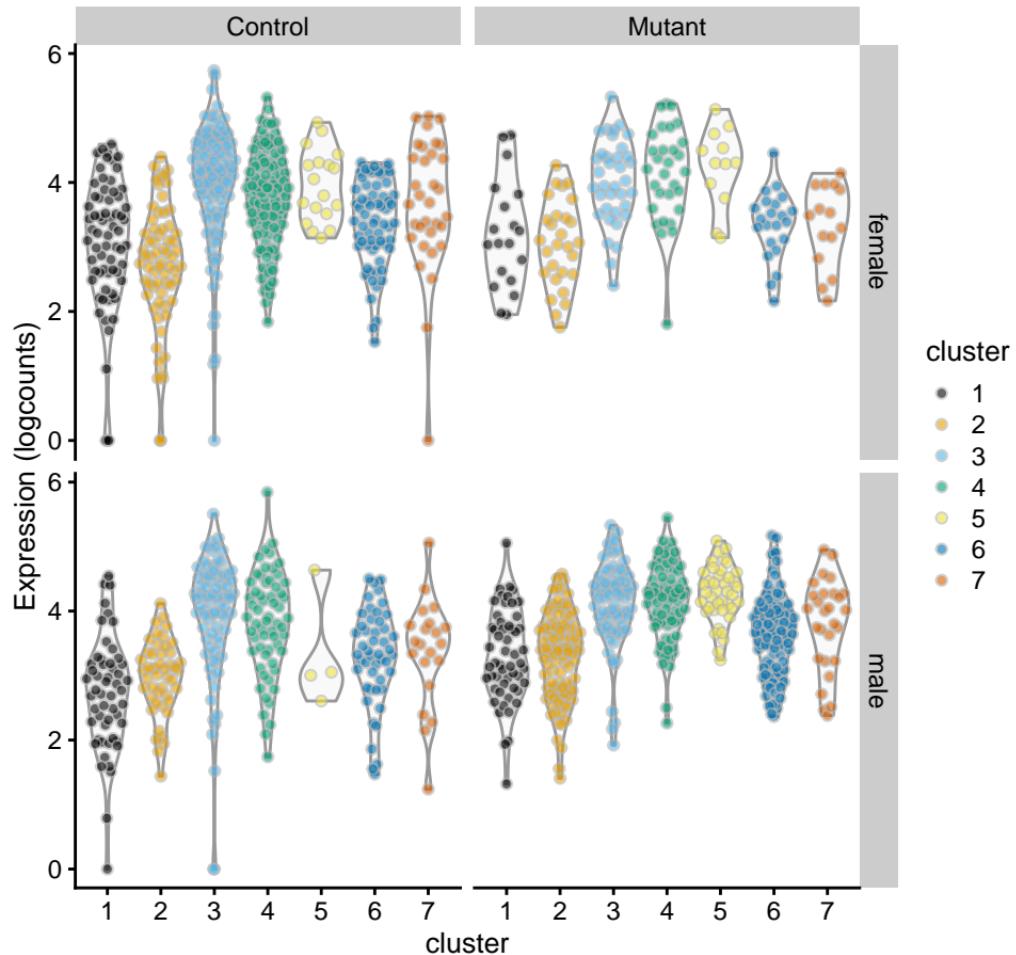
4

1 2 3 4 5 6 7 1 2 3 4 5 6 7

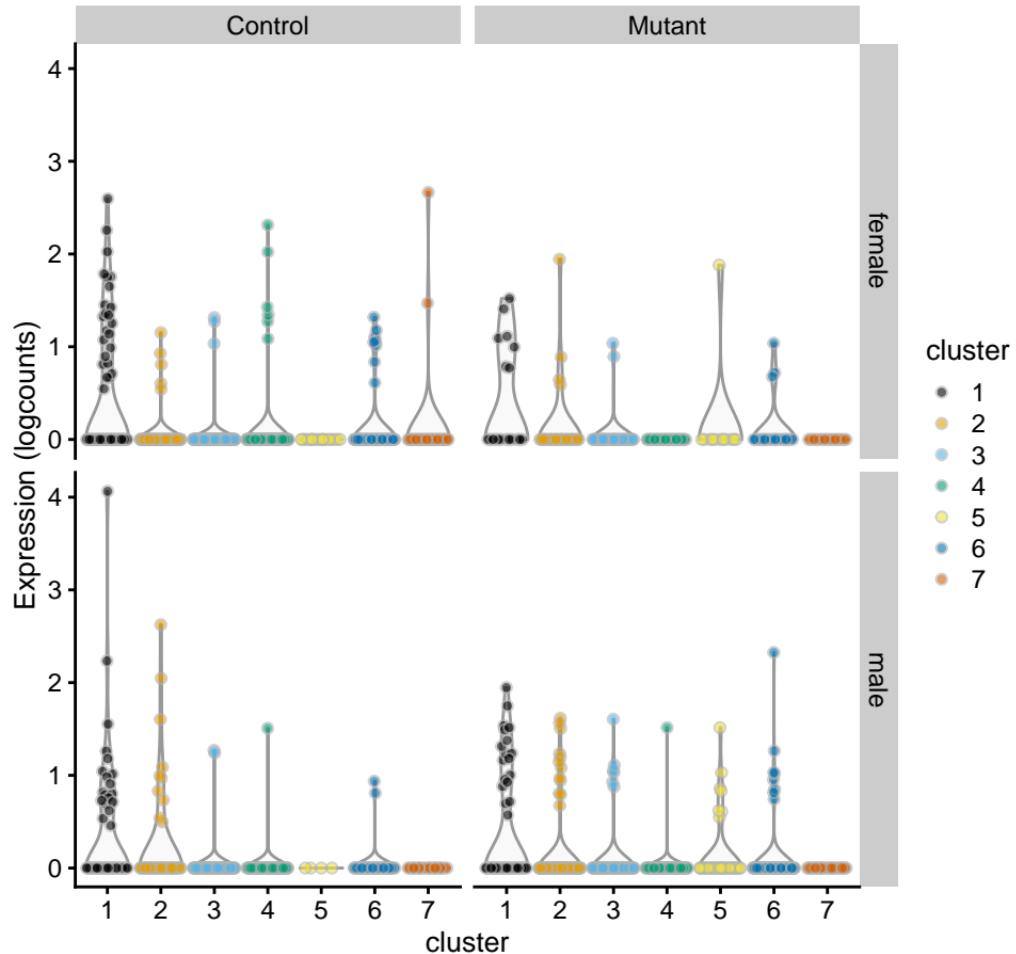
cluster



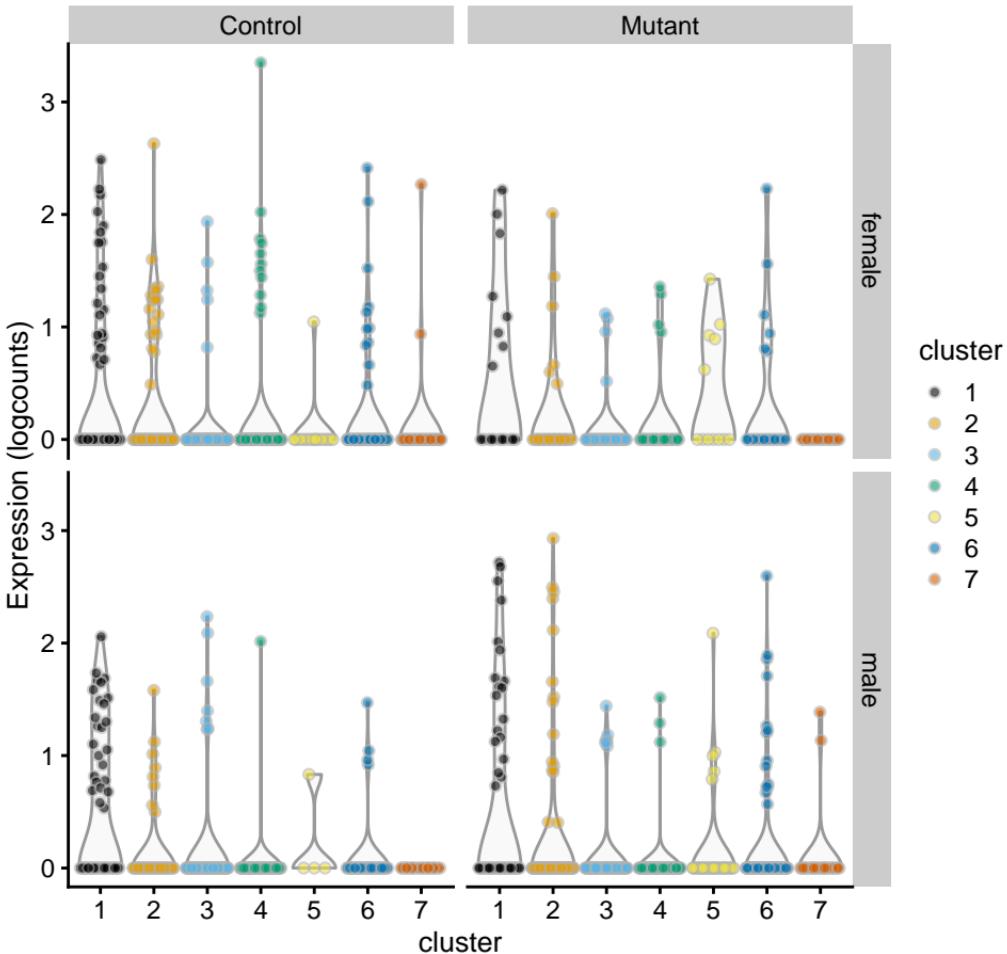
Sparcl1



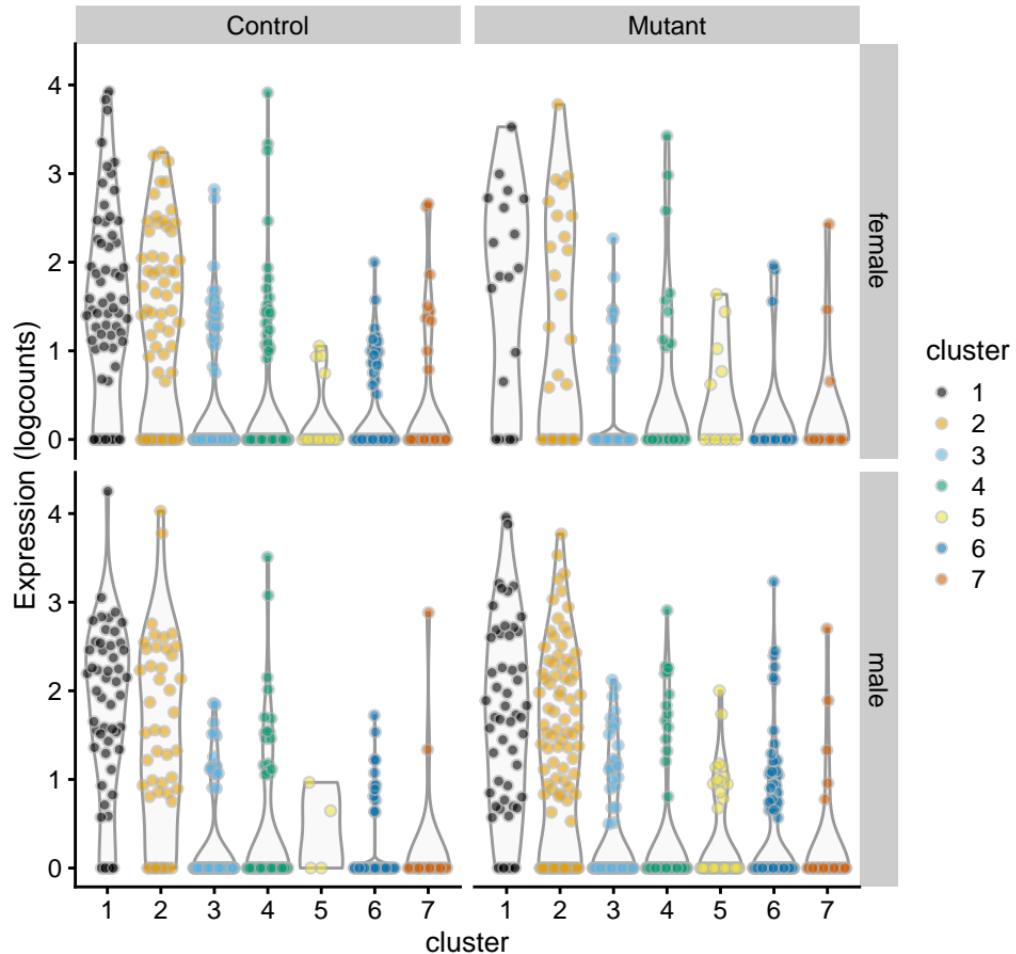
Ccne1



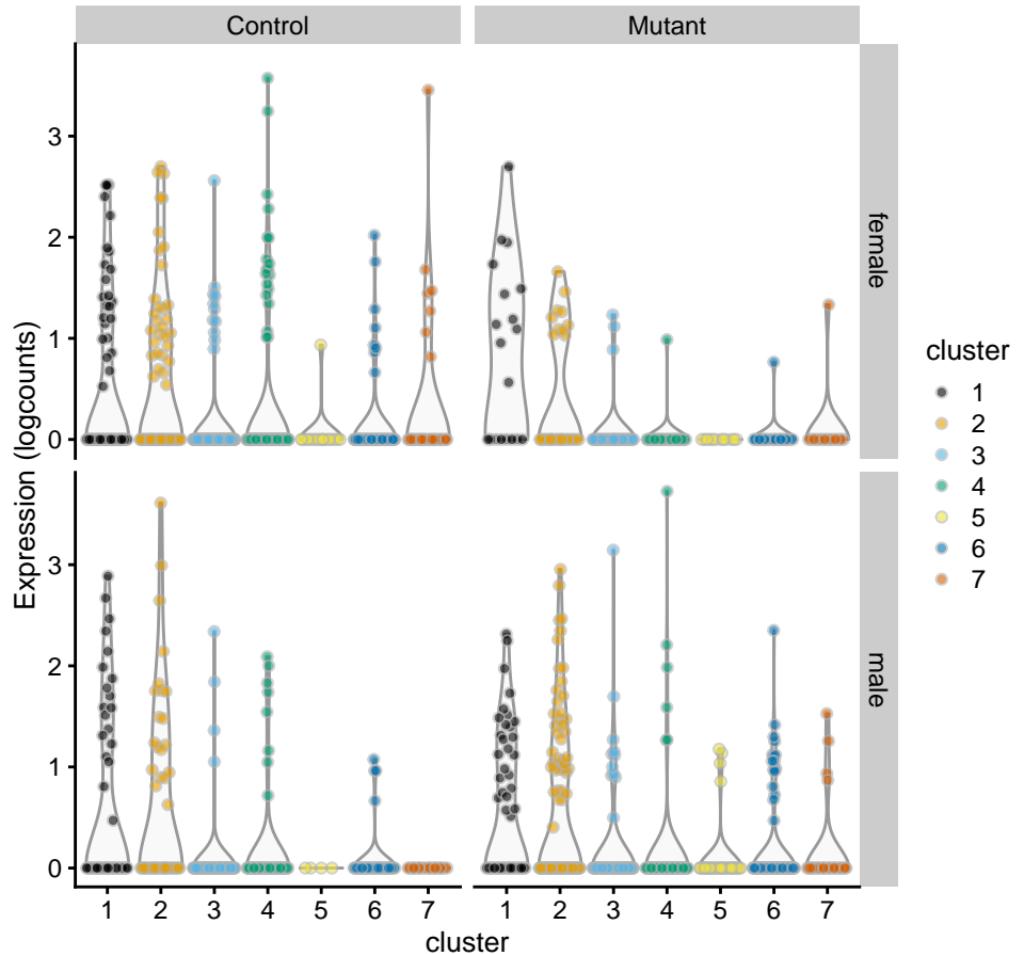
Ccne2



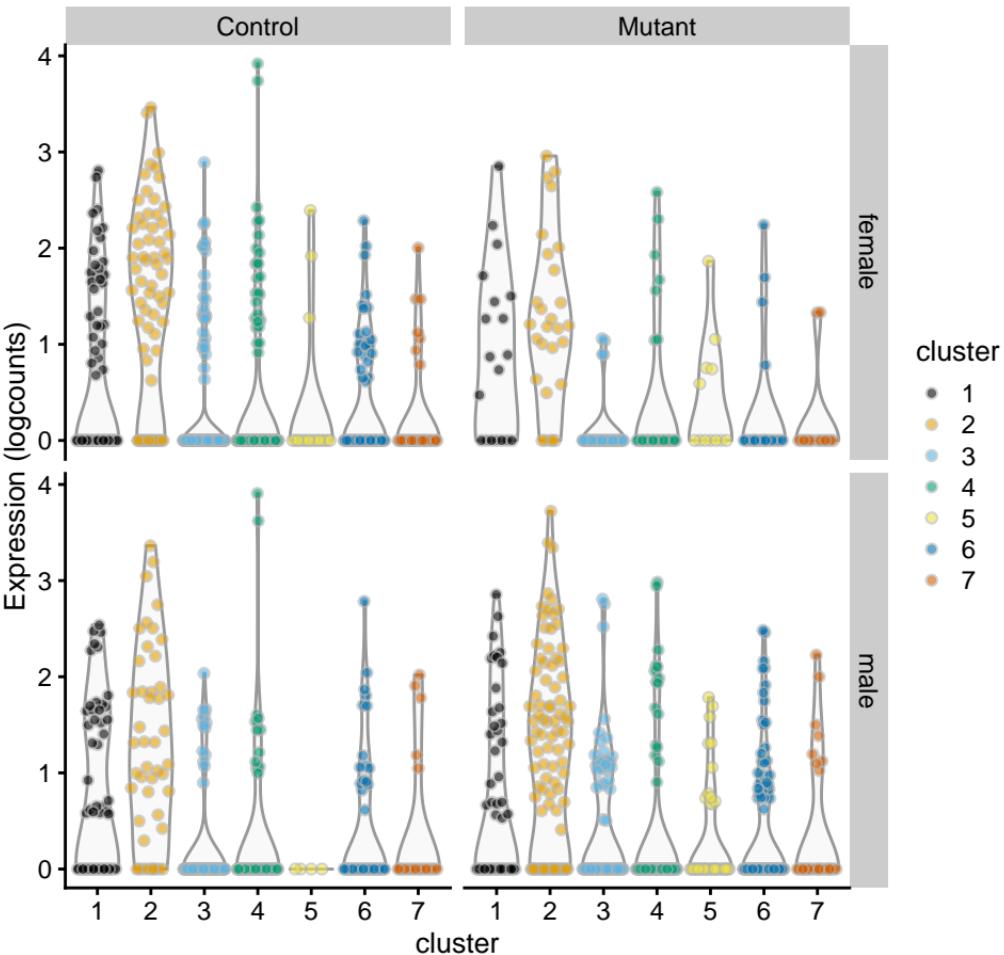
Ccna2



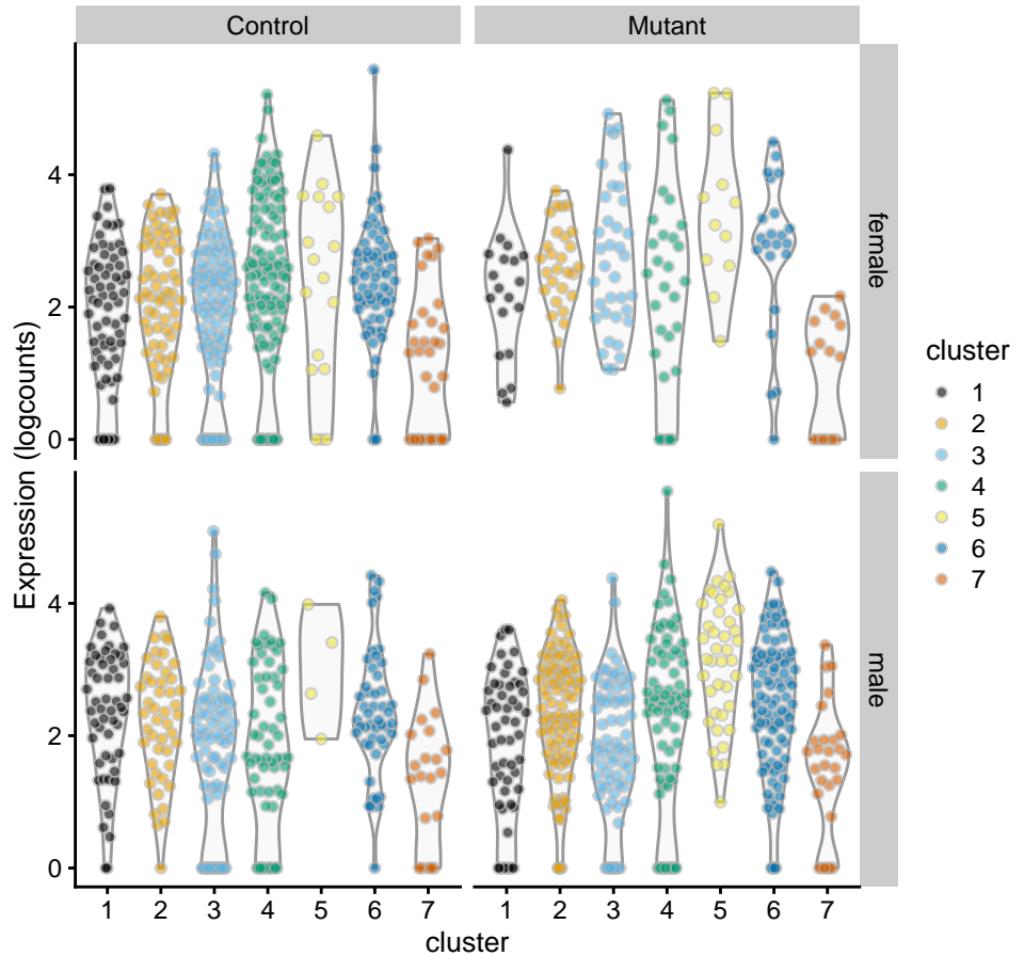
Ccnb1



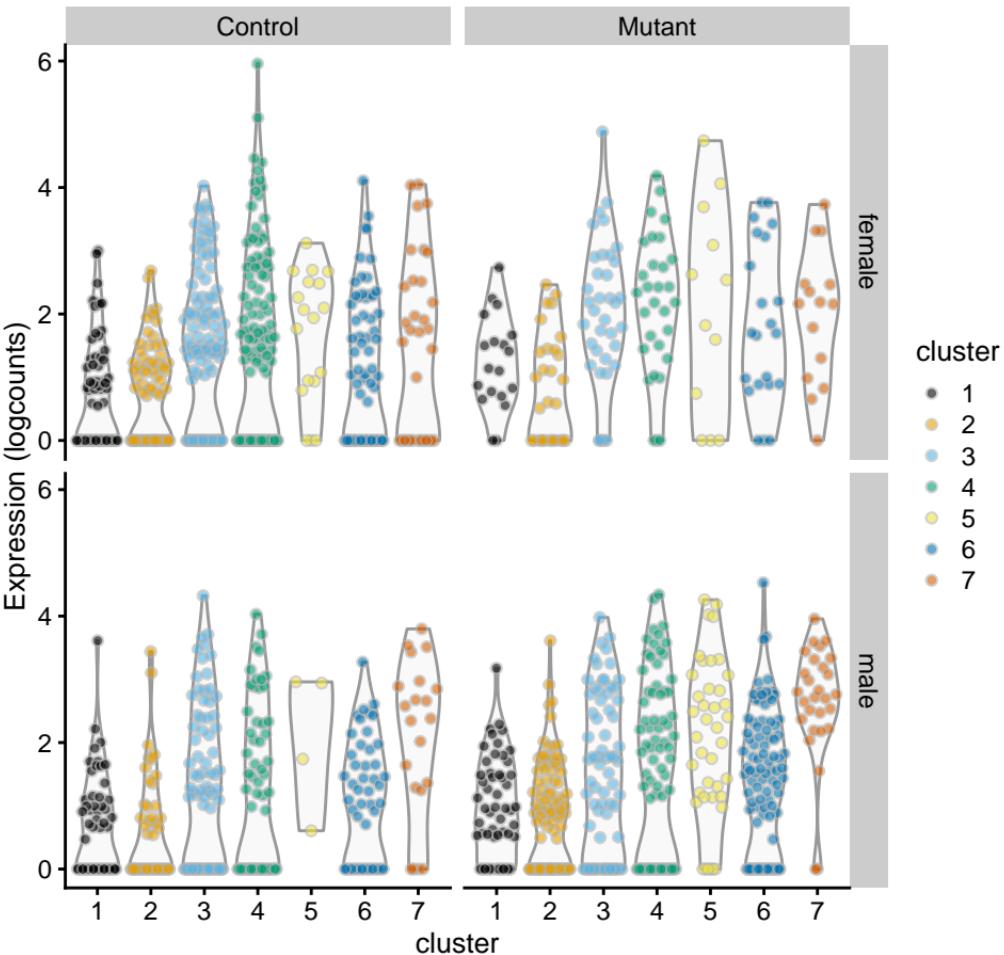
Ccnb2



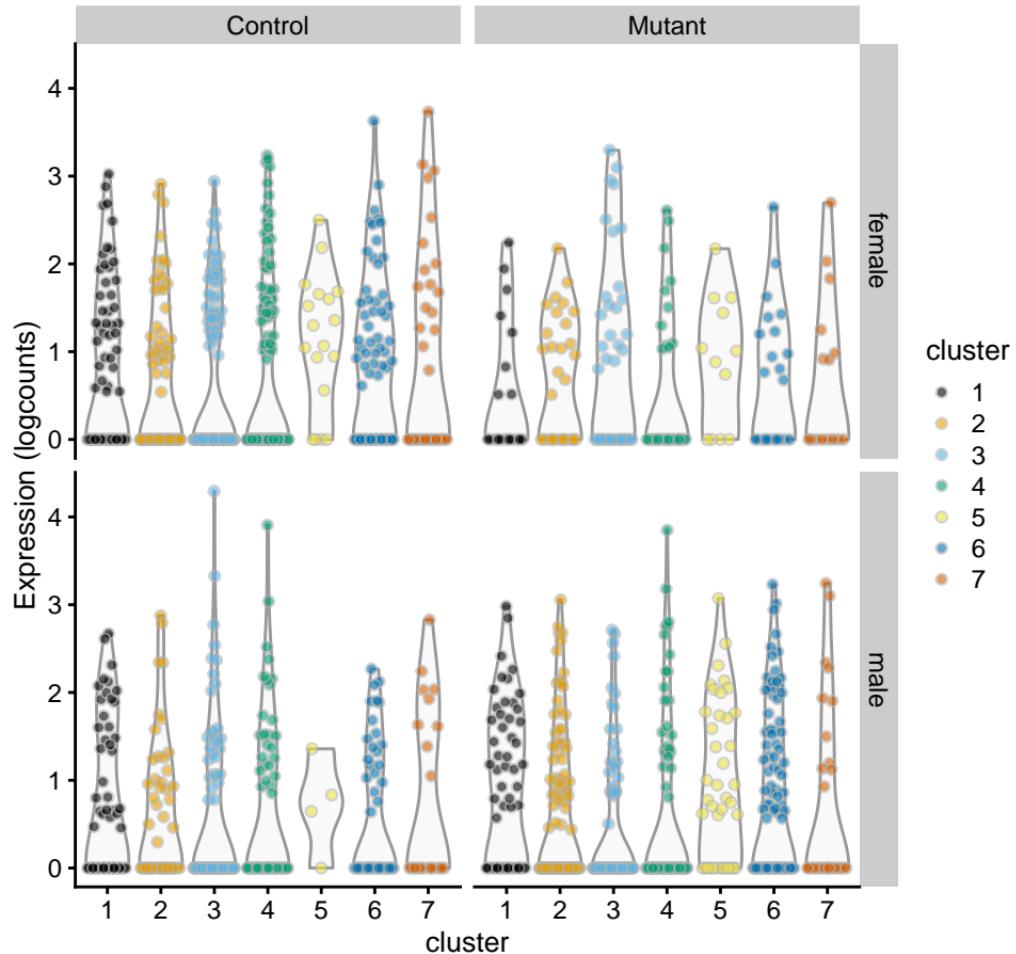
Ccnd1



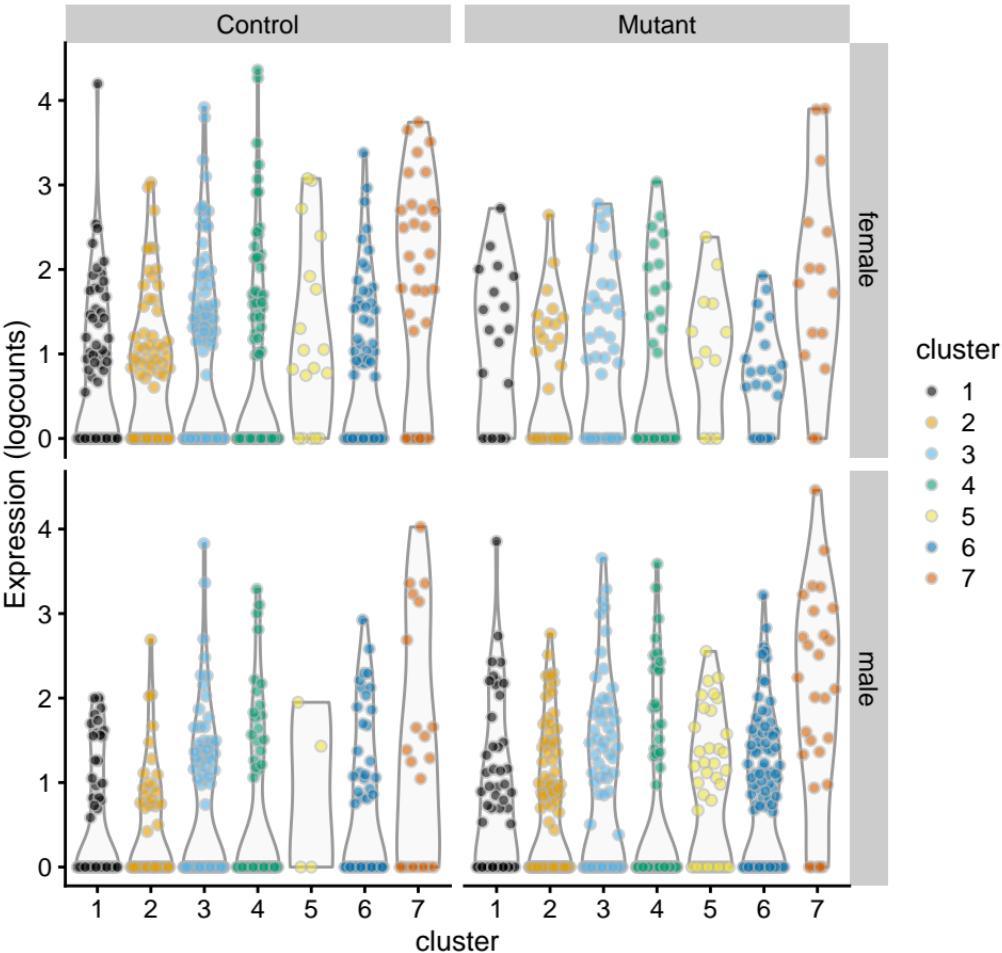
Ccnd2



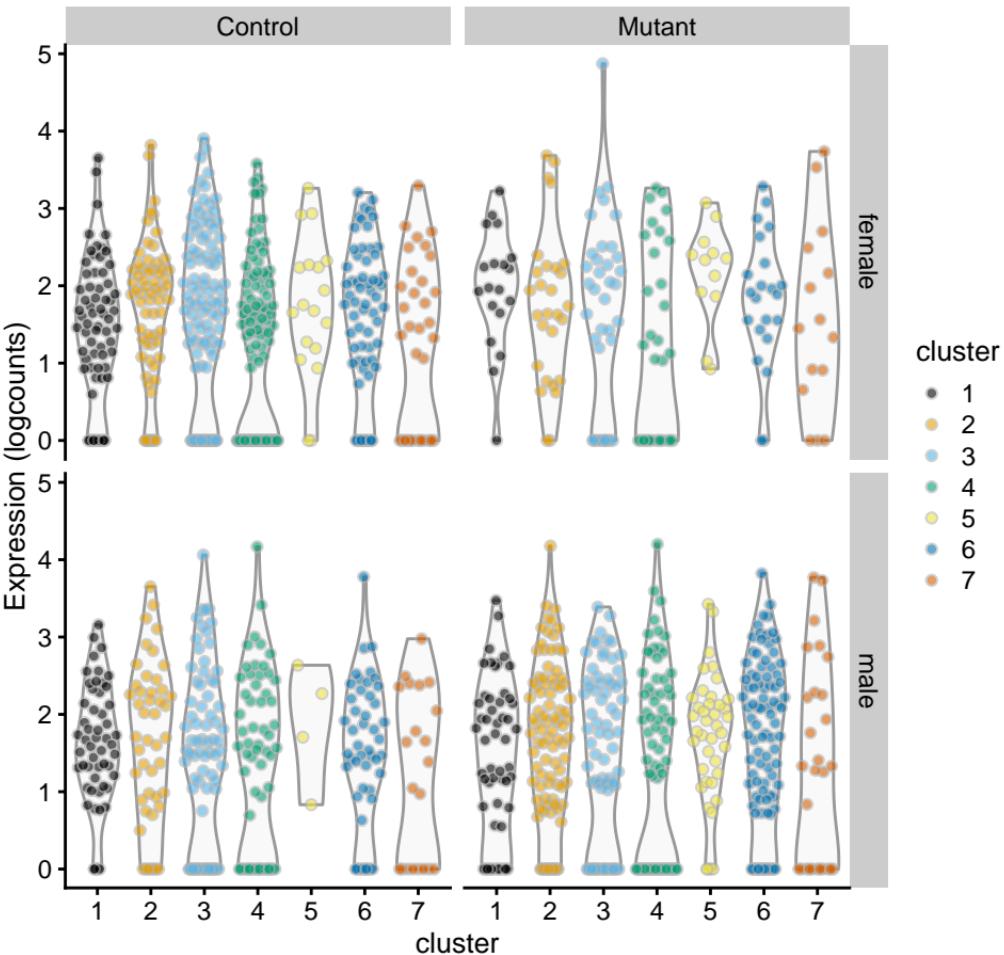
Ccnd3



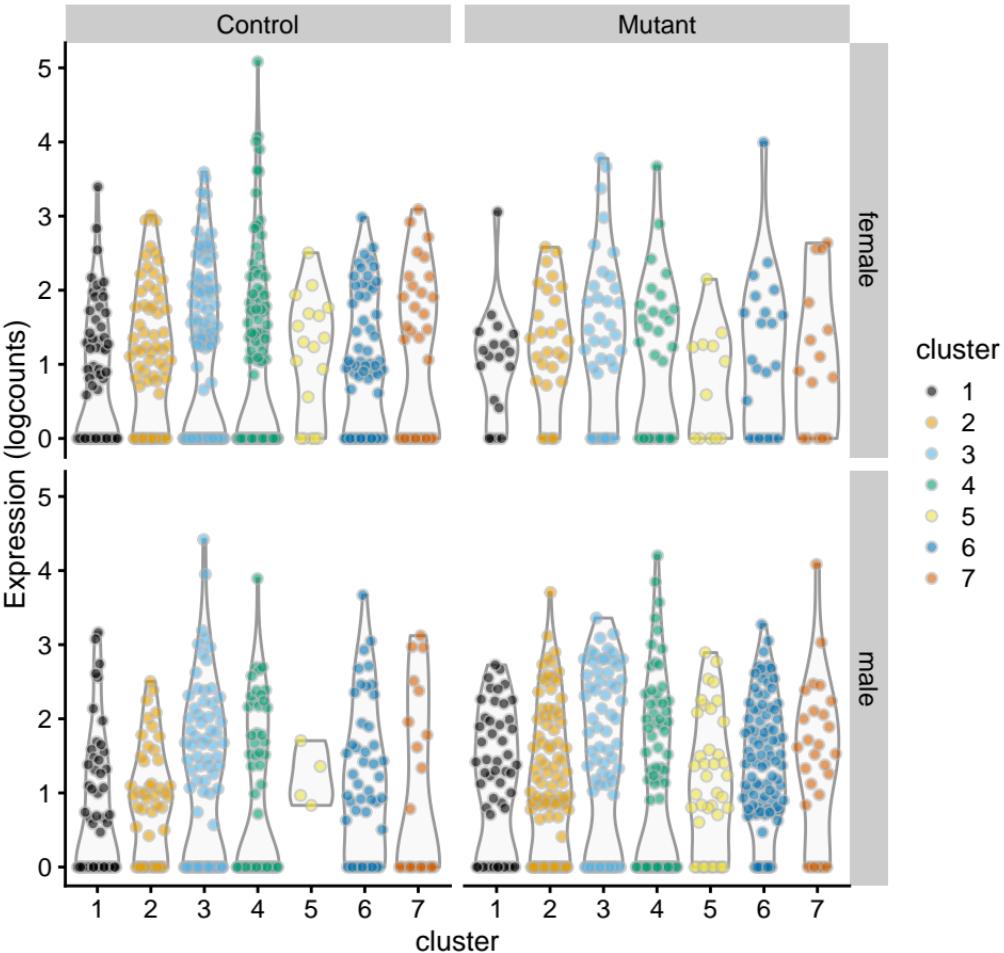
Jag1



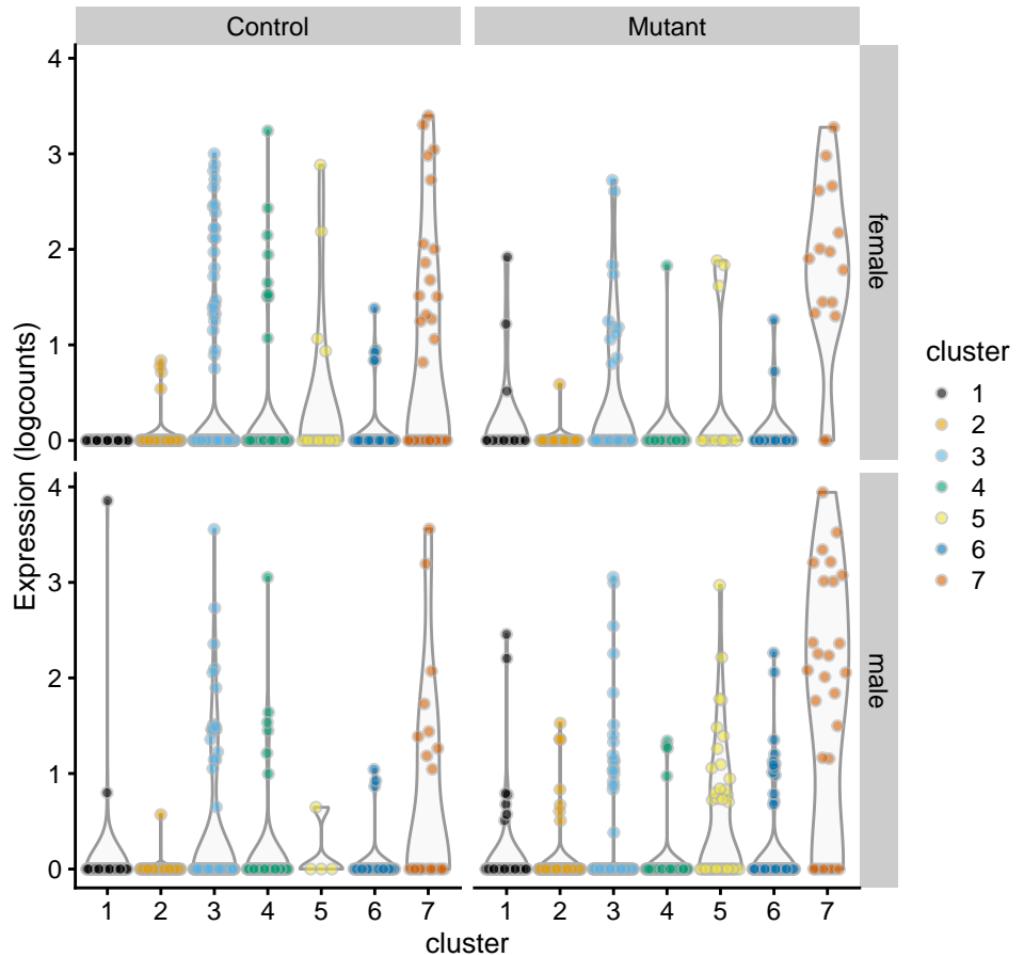
Nrarp



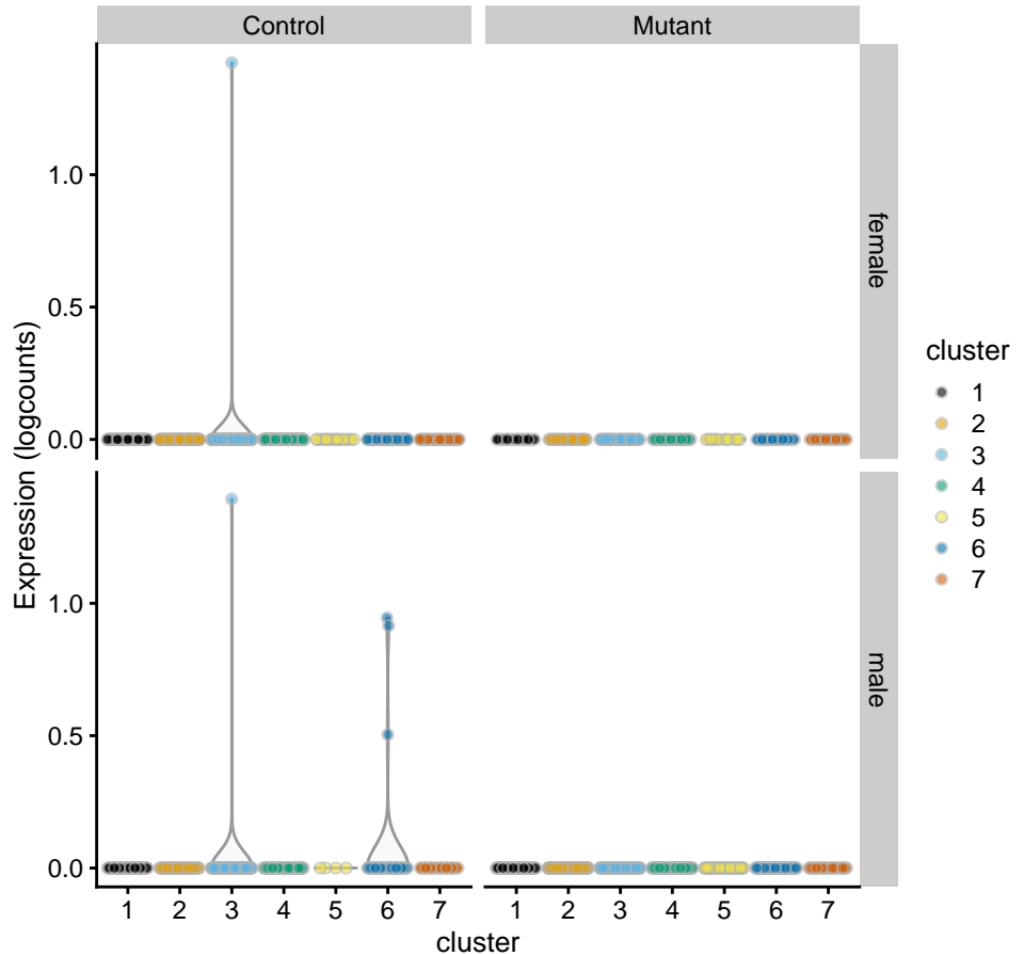
Hes1



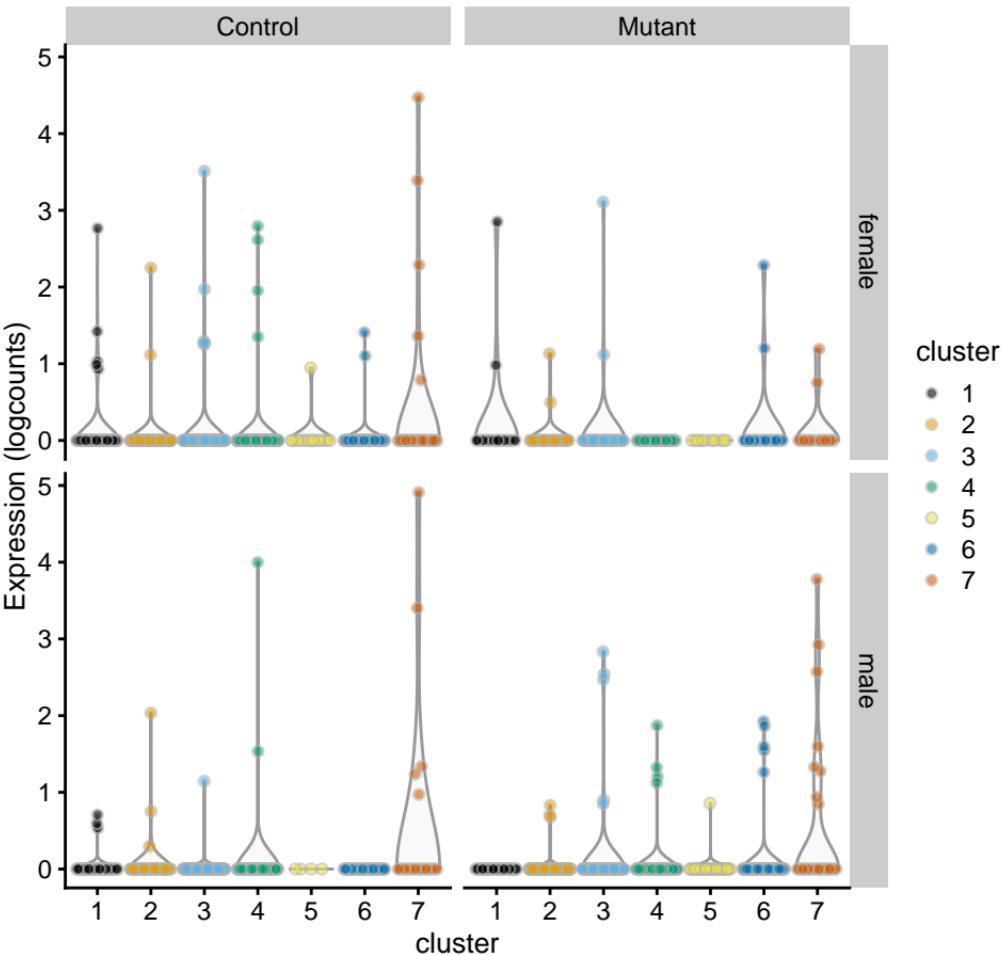
Hey1



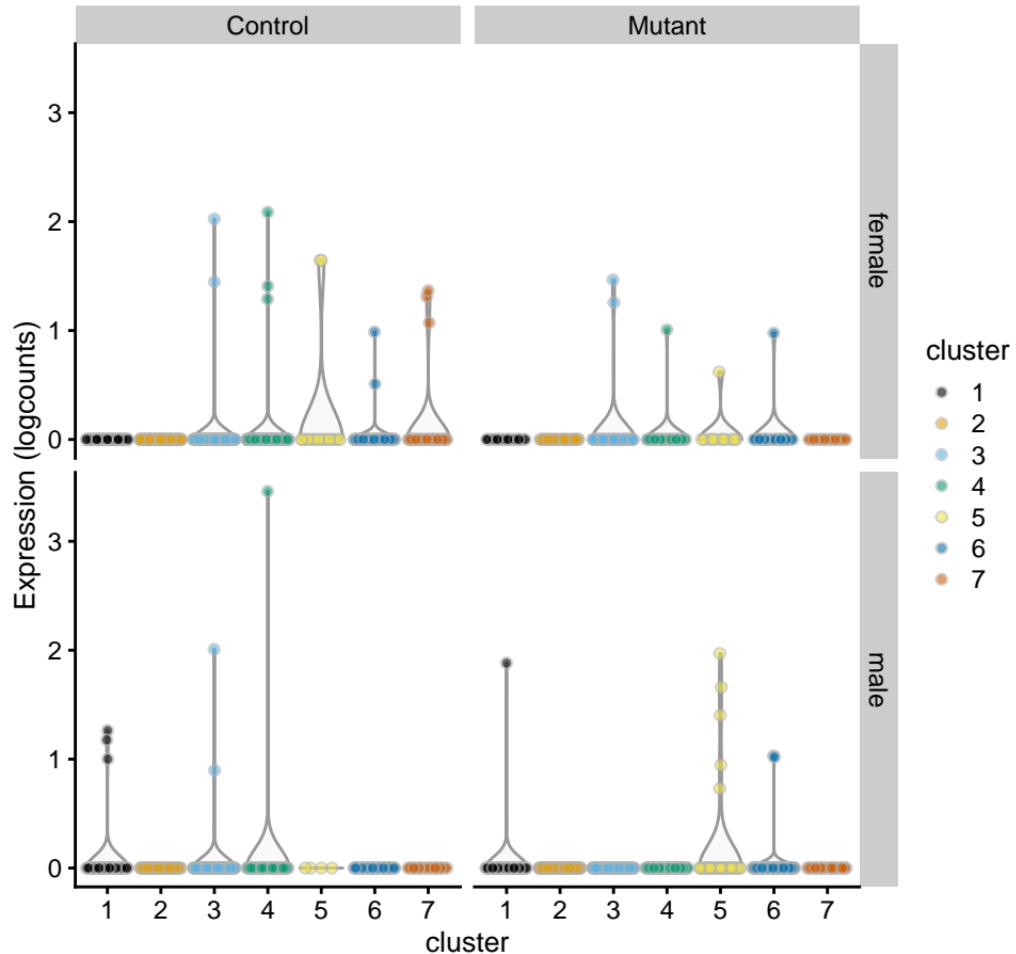
Ackr1



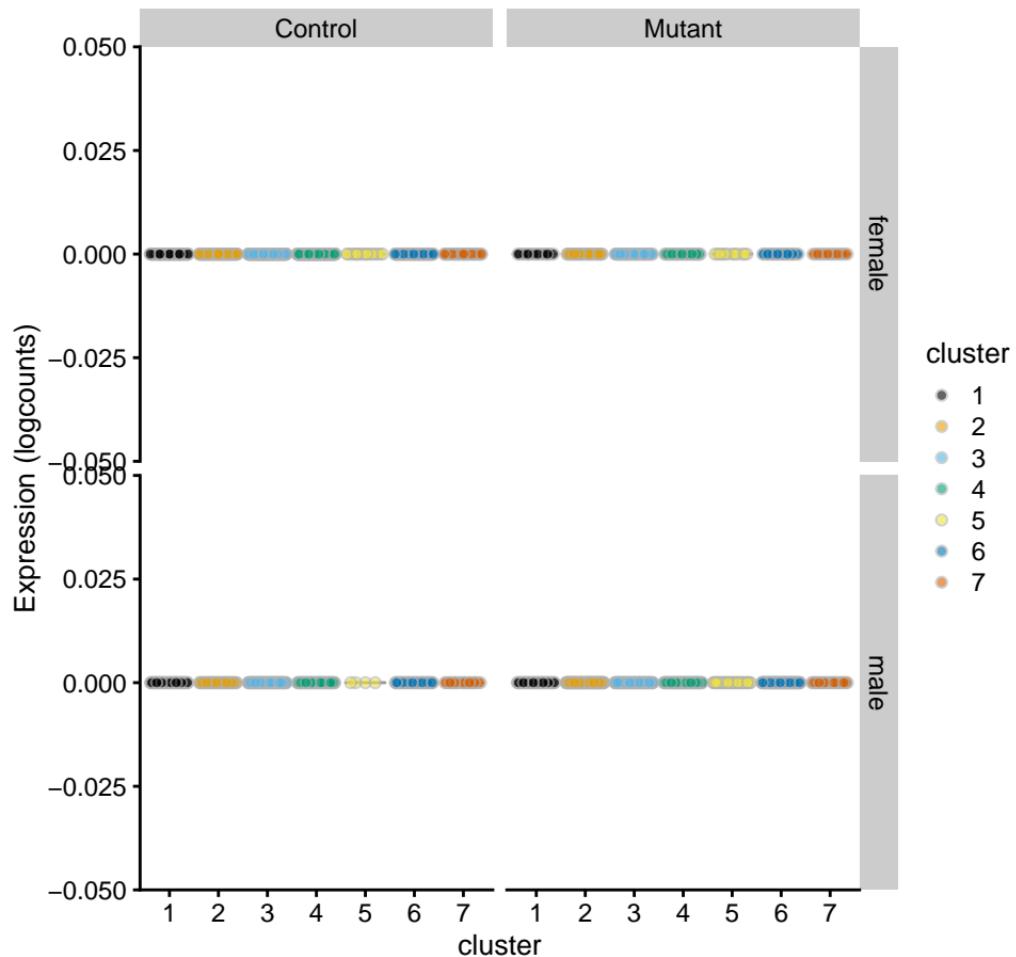
Aqp1



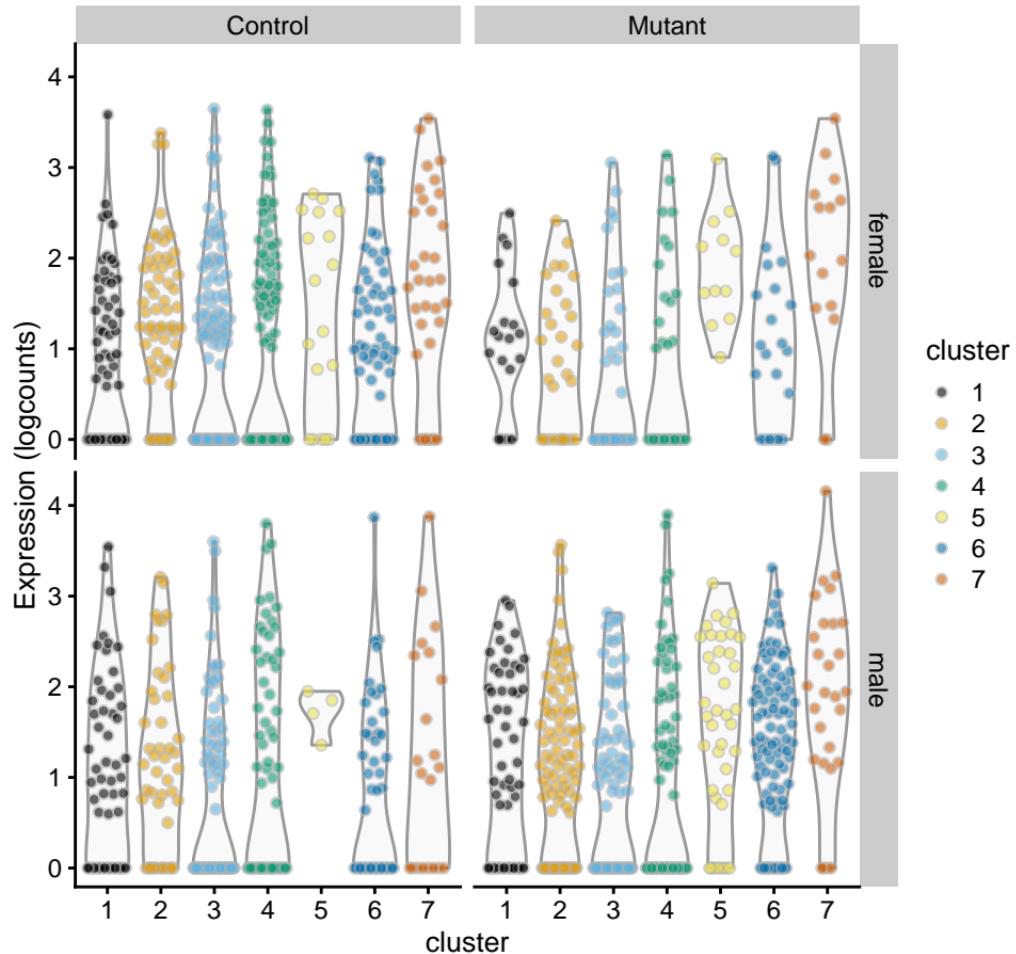
C1qtnf9



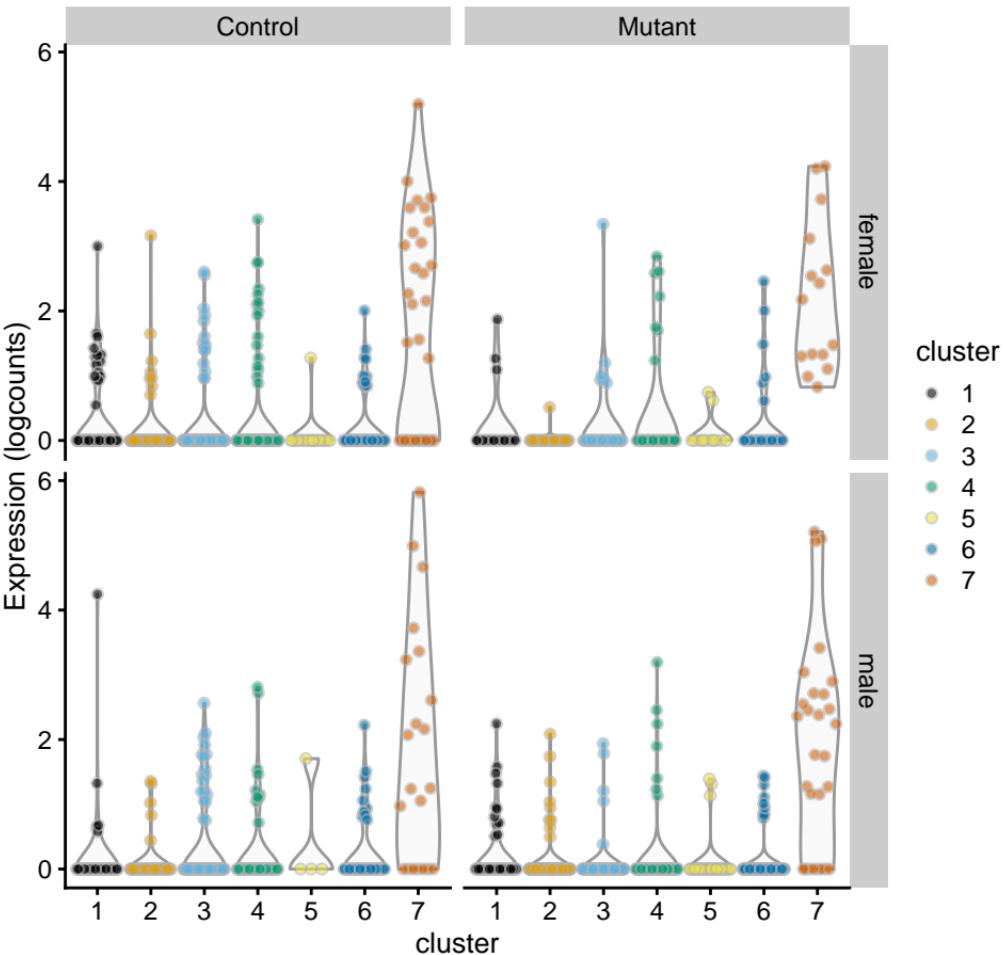
Cd36



Ehd4



Fbln5



Hsbp1

Control

Mutant

Expression(log₁₀counts)

4

3

2

1

0

1 2 3 4 5 6 7

cluster

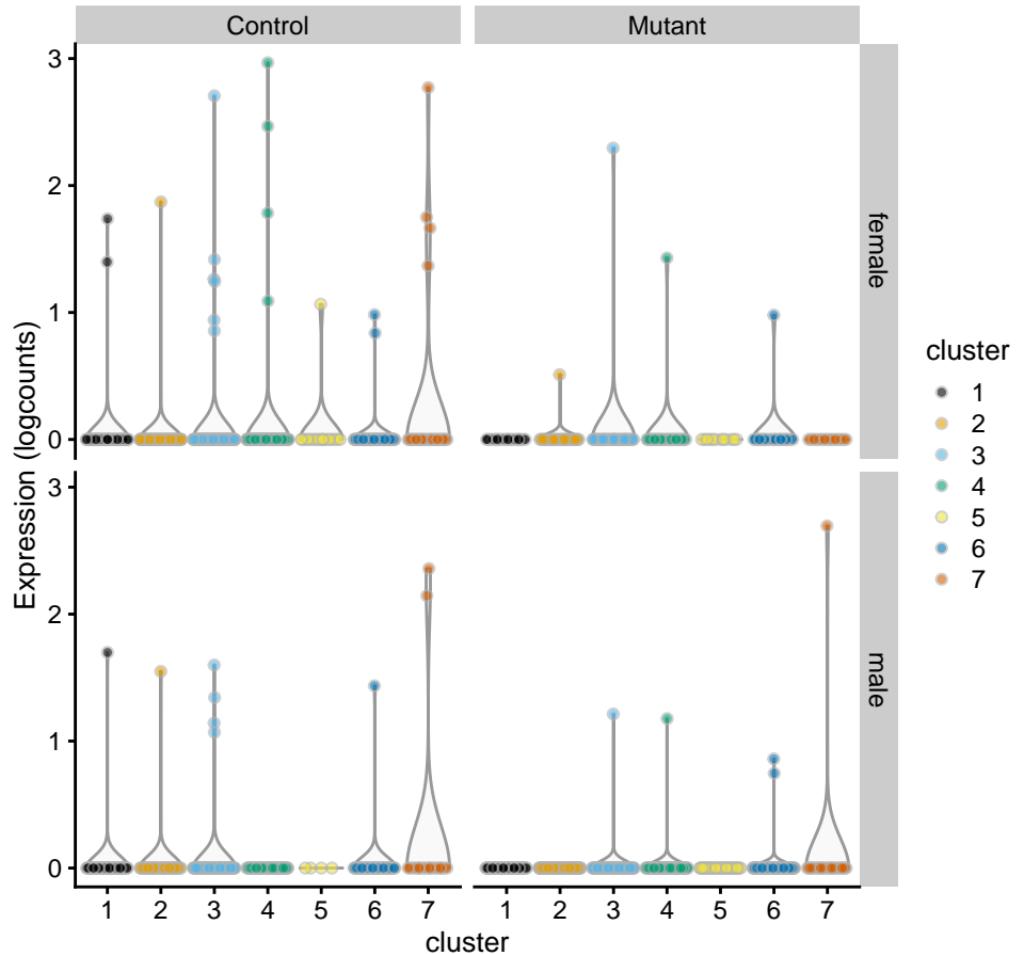
female

male

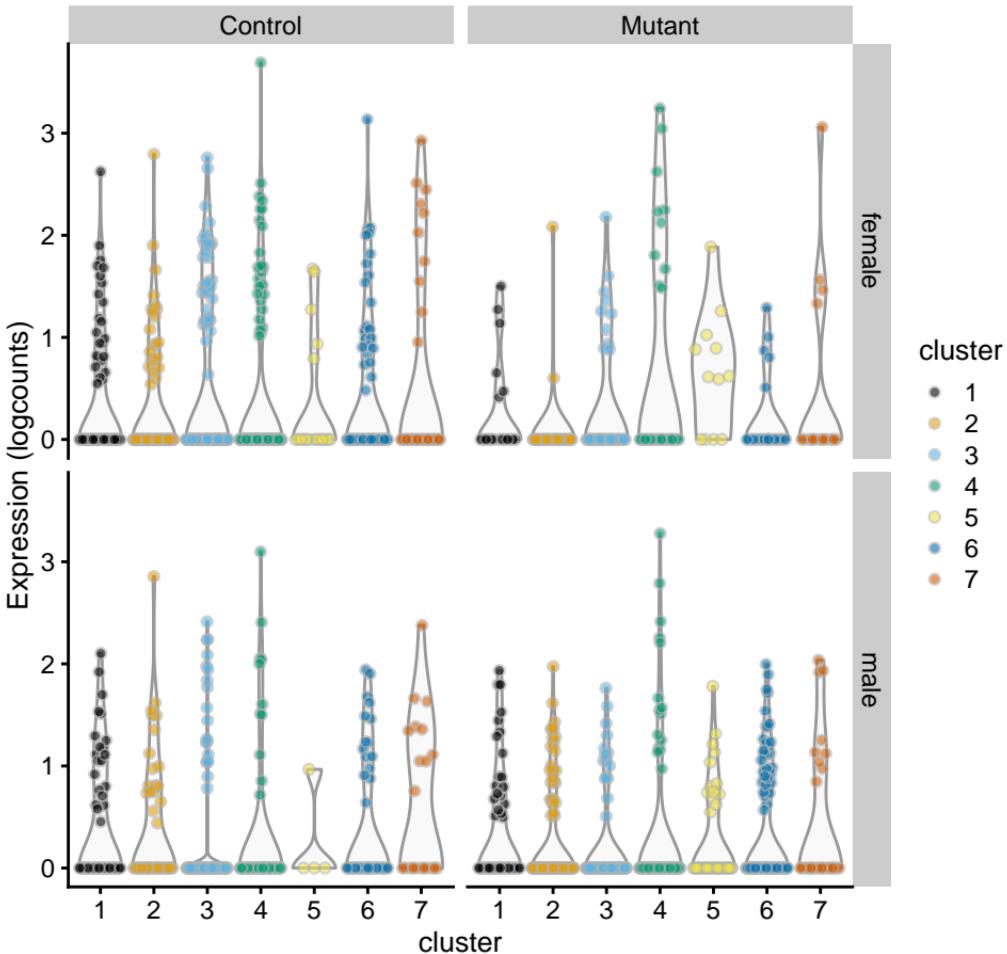
cluster

- 1
- 2
- 3
- 4
- 5
- 6
- 7

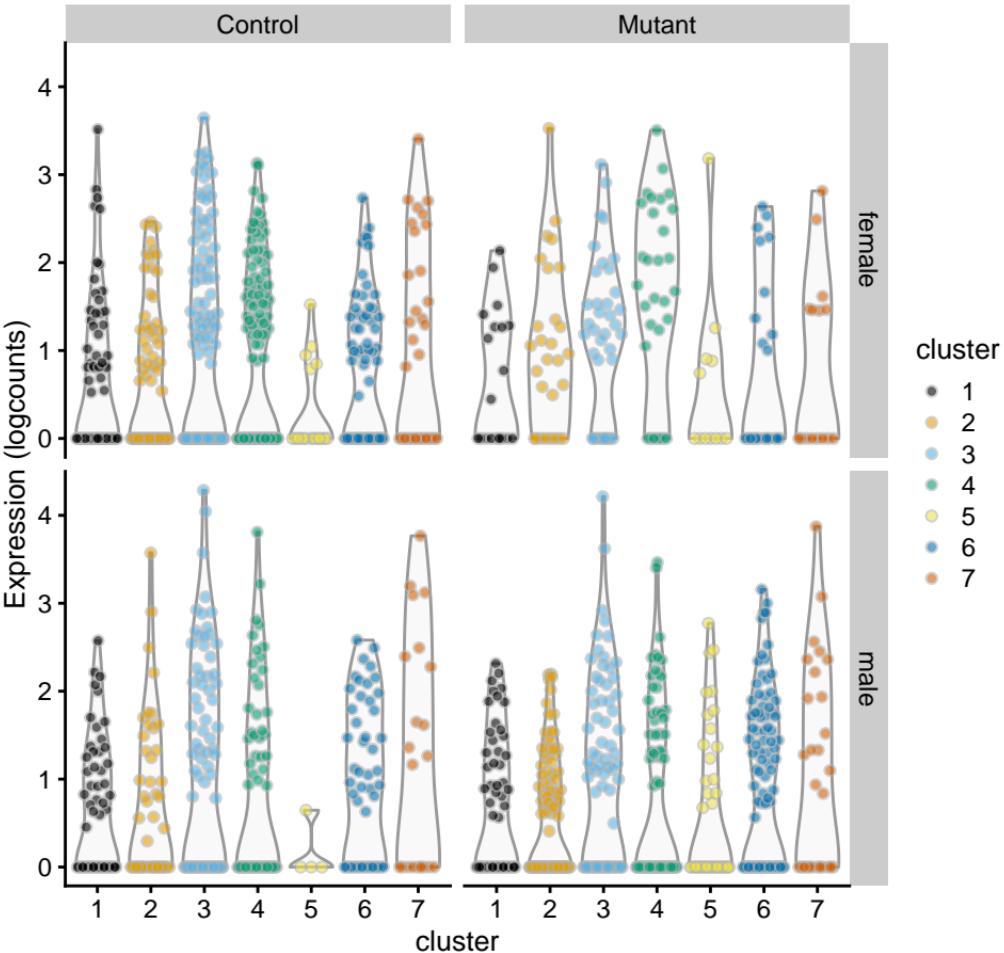
ligrp1



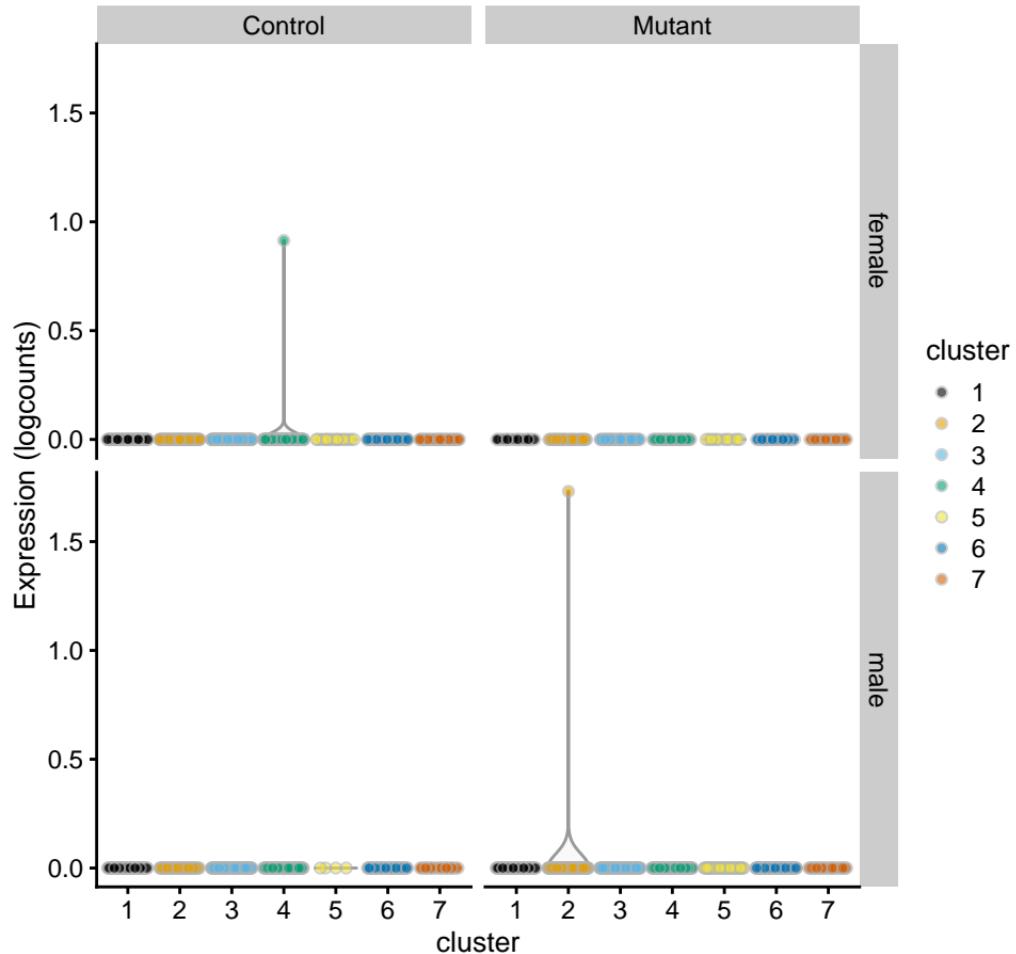
II6st



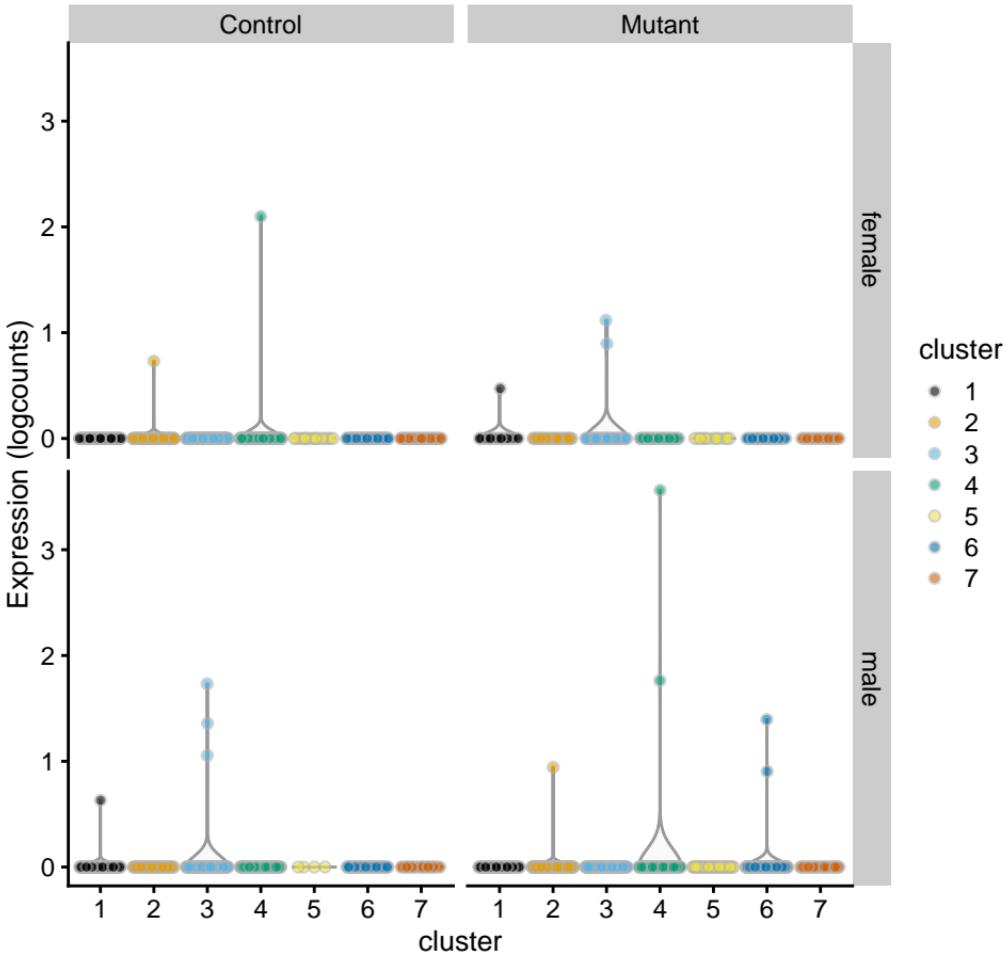
Jam2



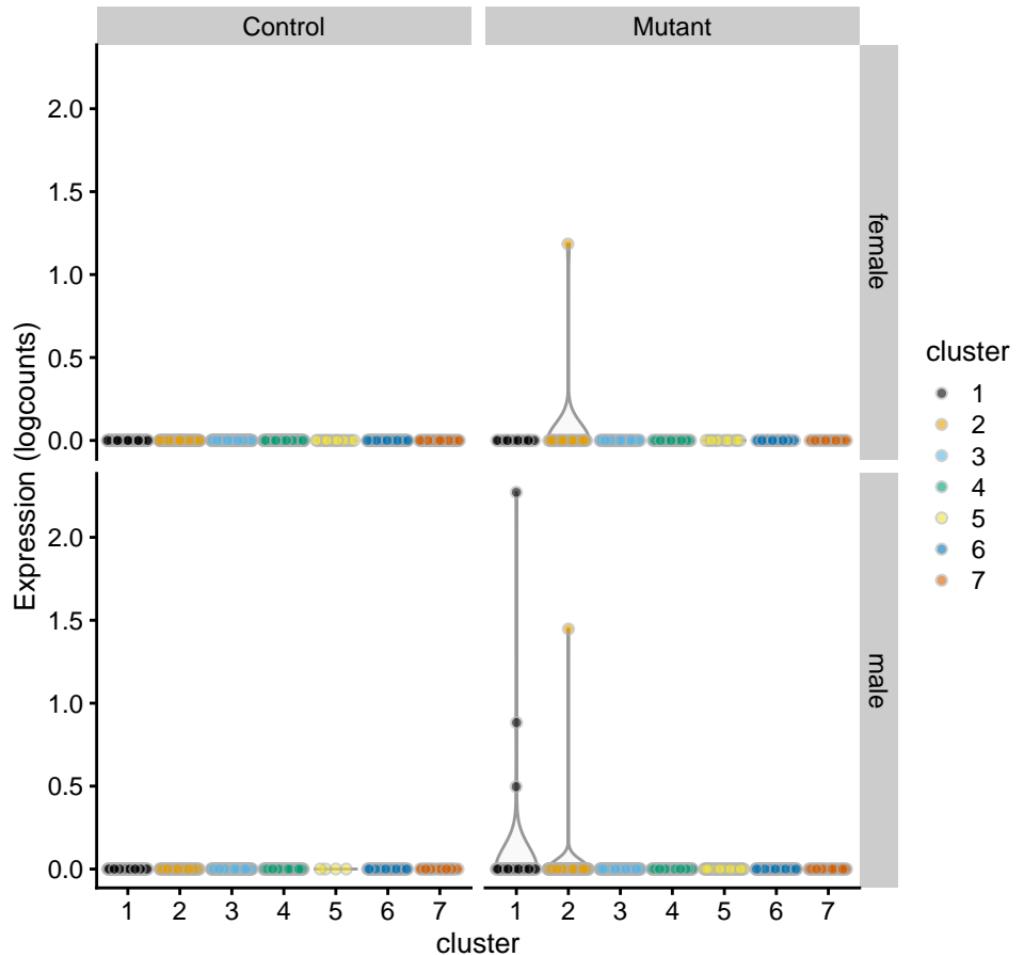
Lgals3



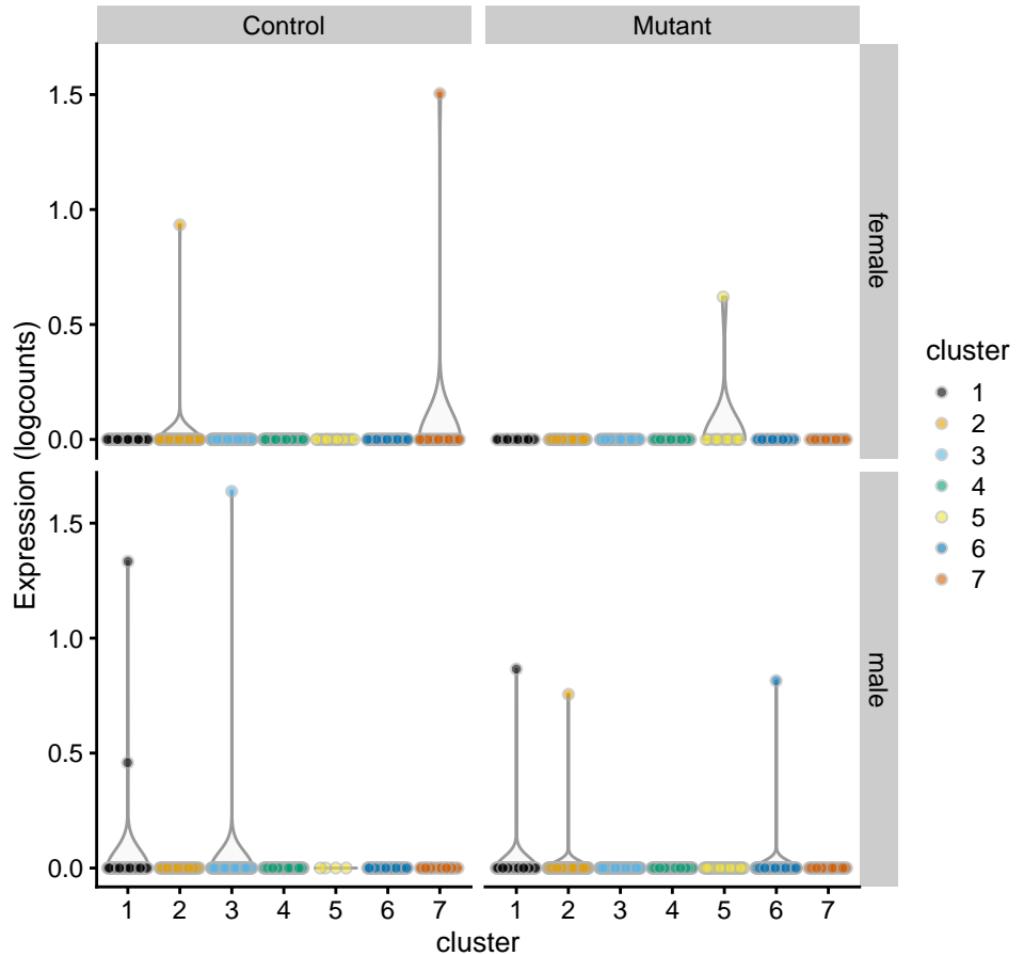
Lrg1



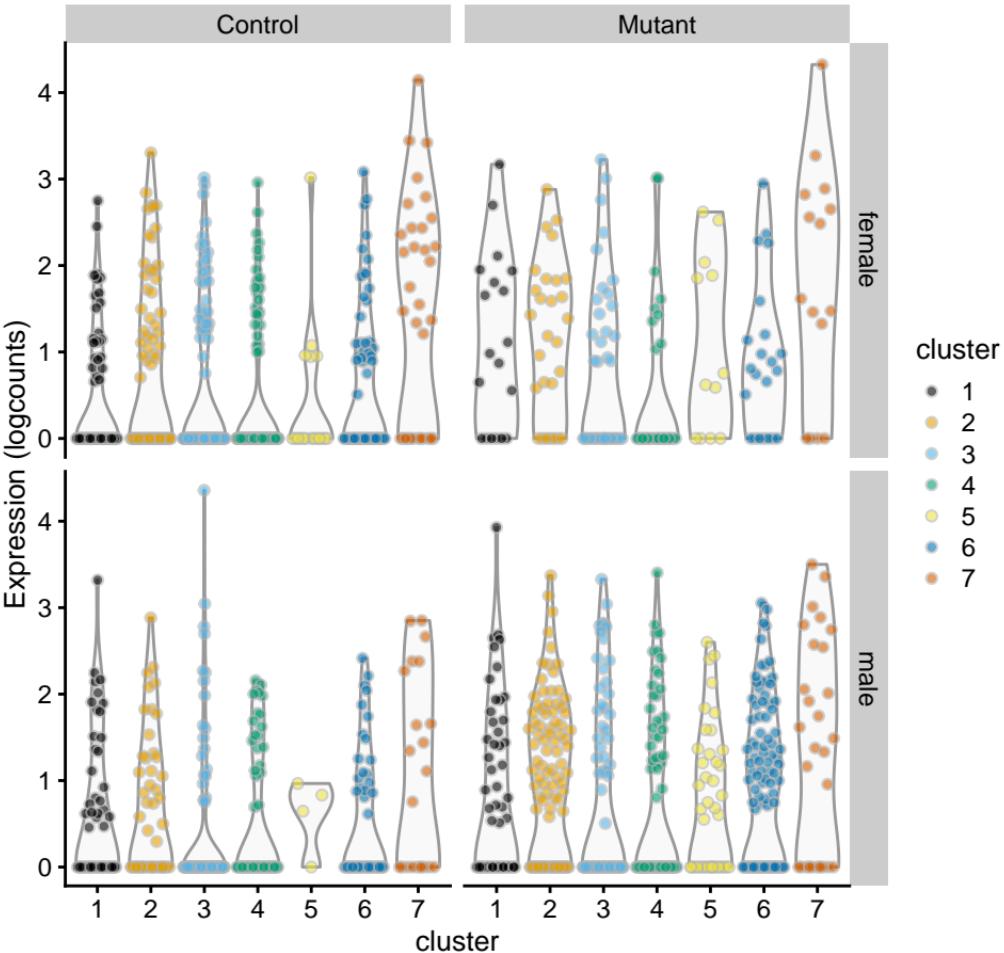
Meox2



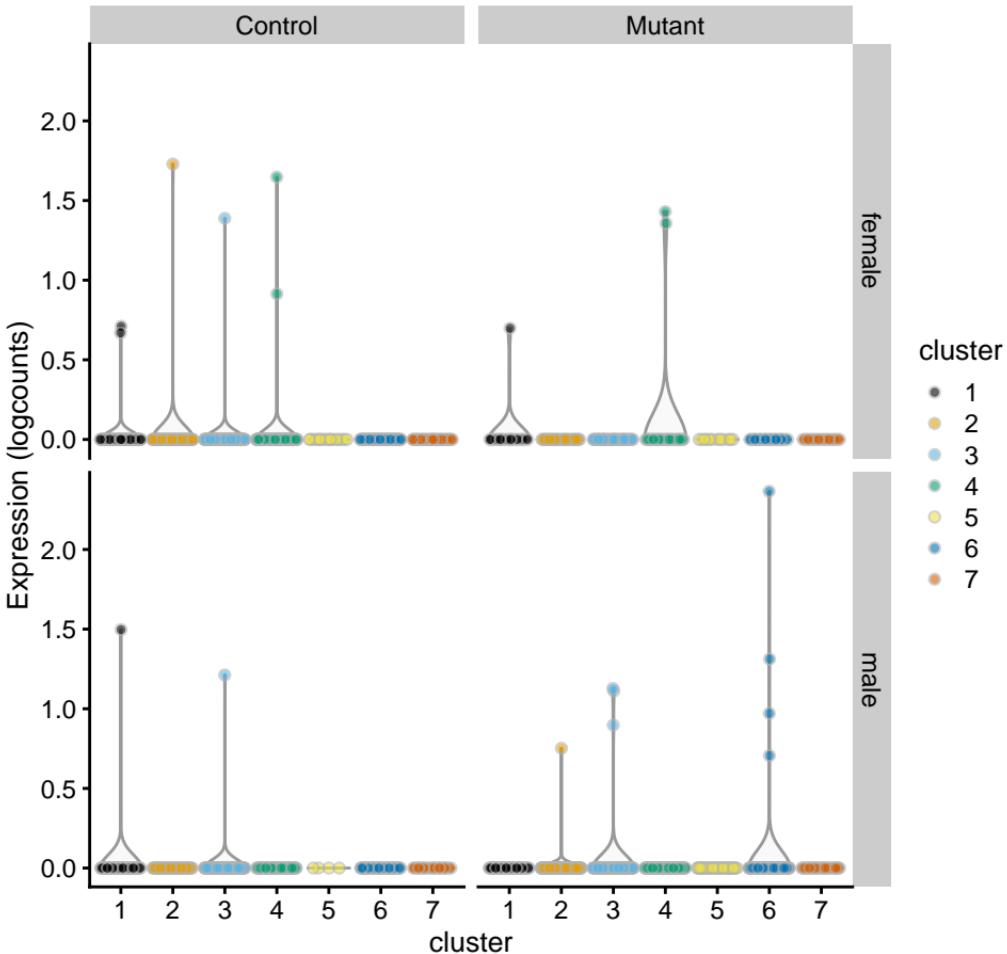
Plscr2



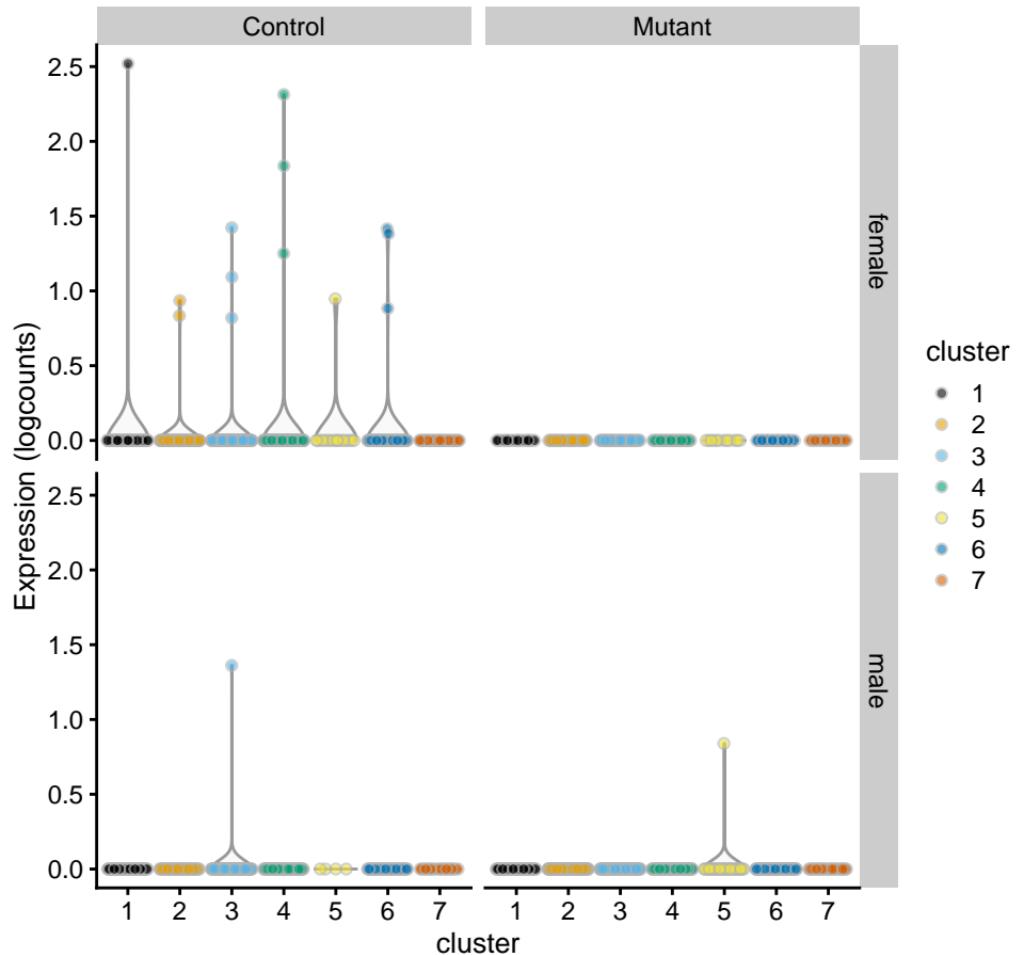
Sdpr



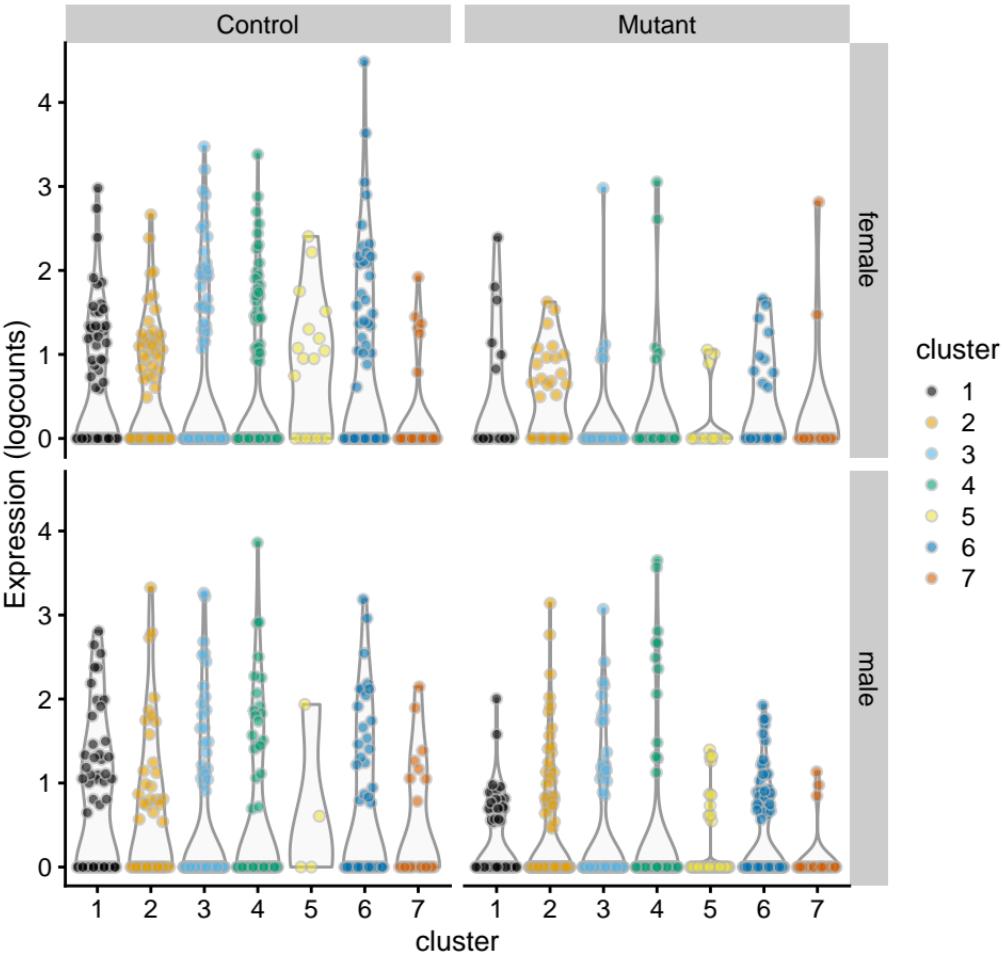
Selp



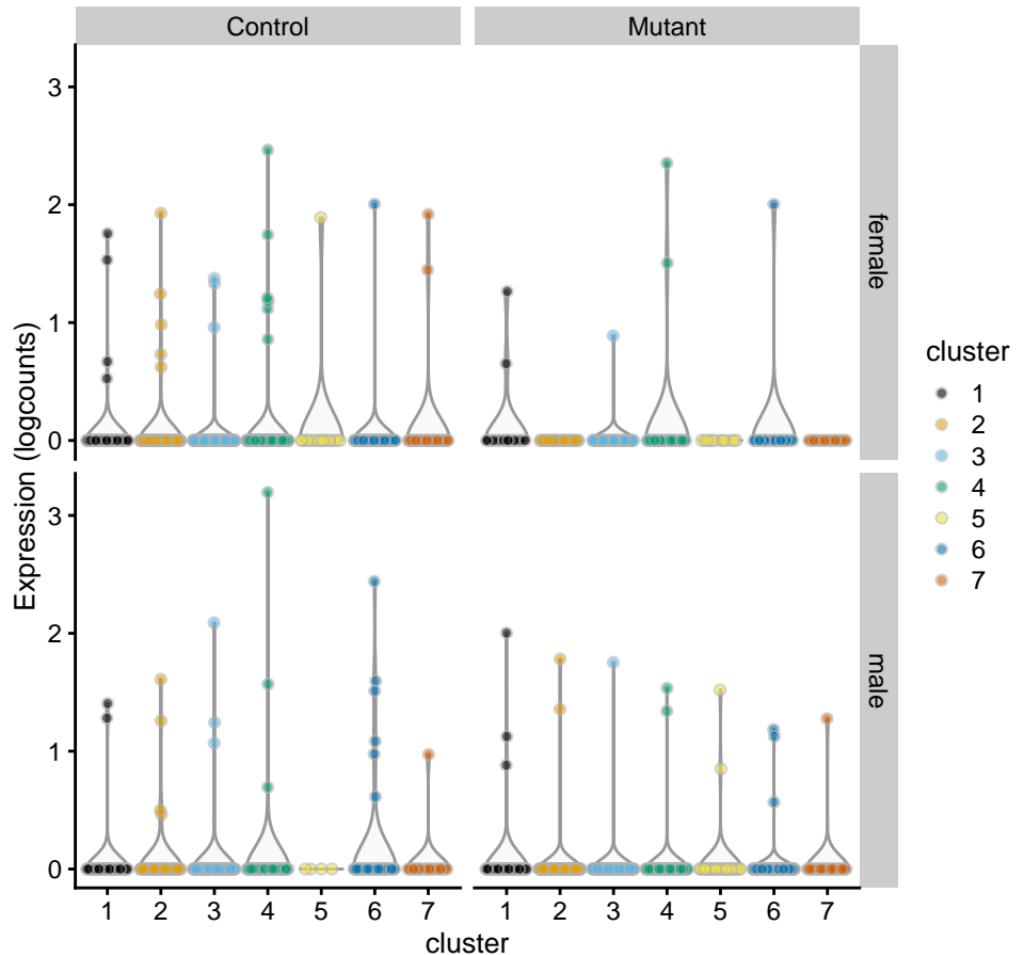
Spint2



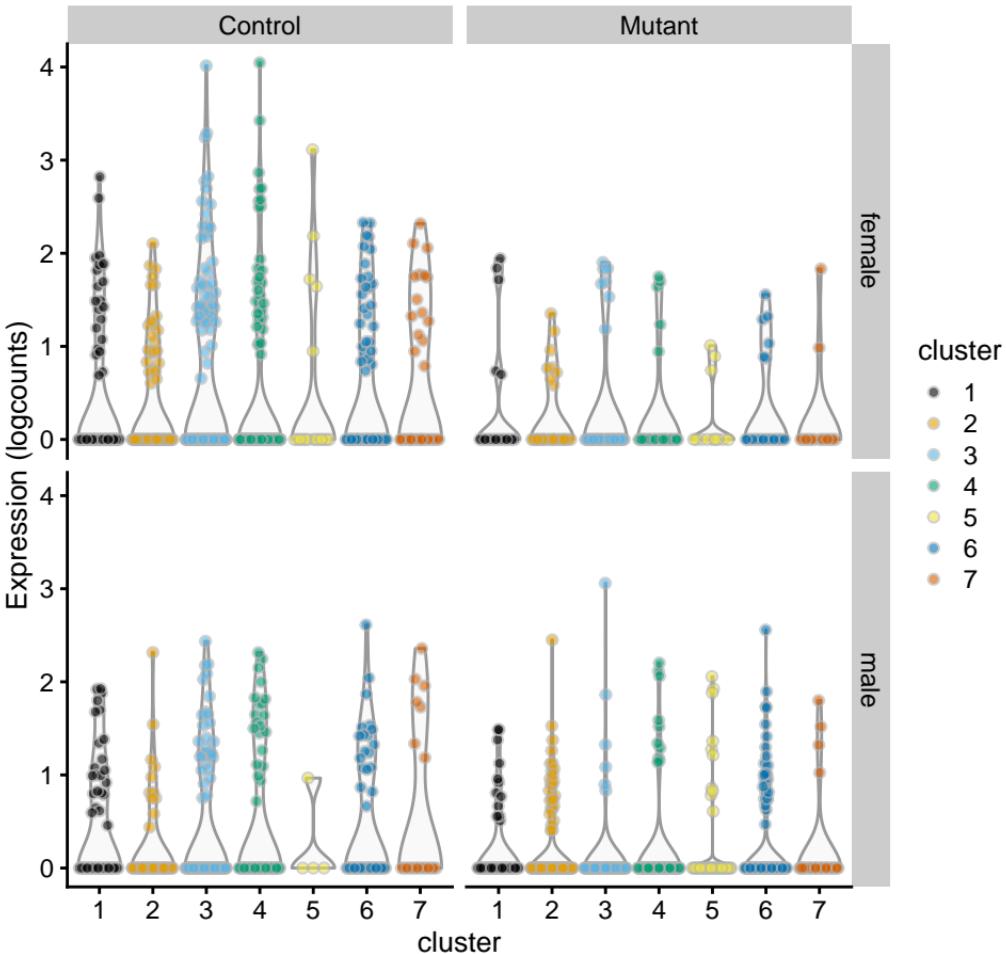
Tgfb1



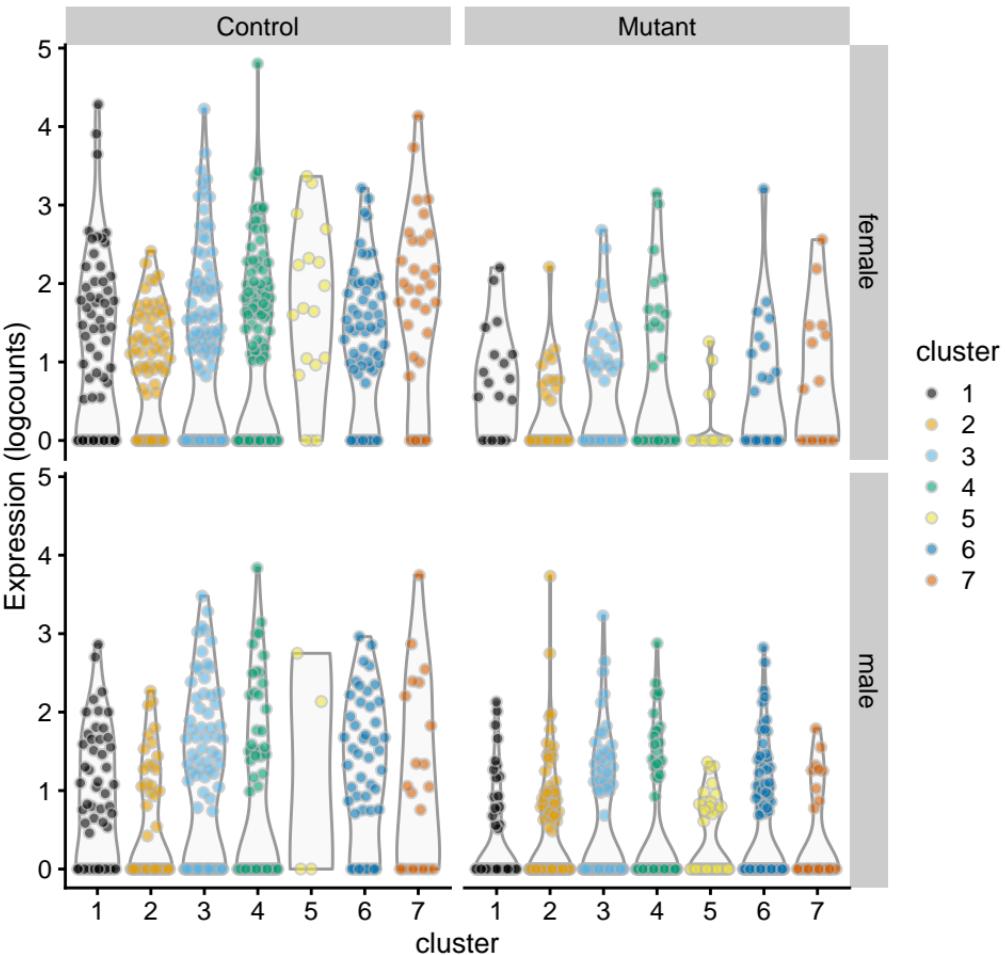
Tgm2



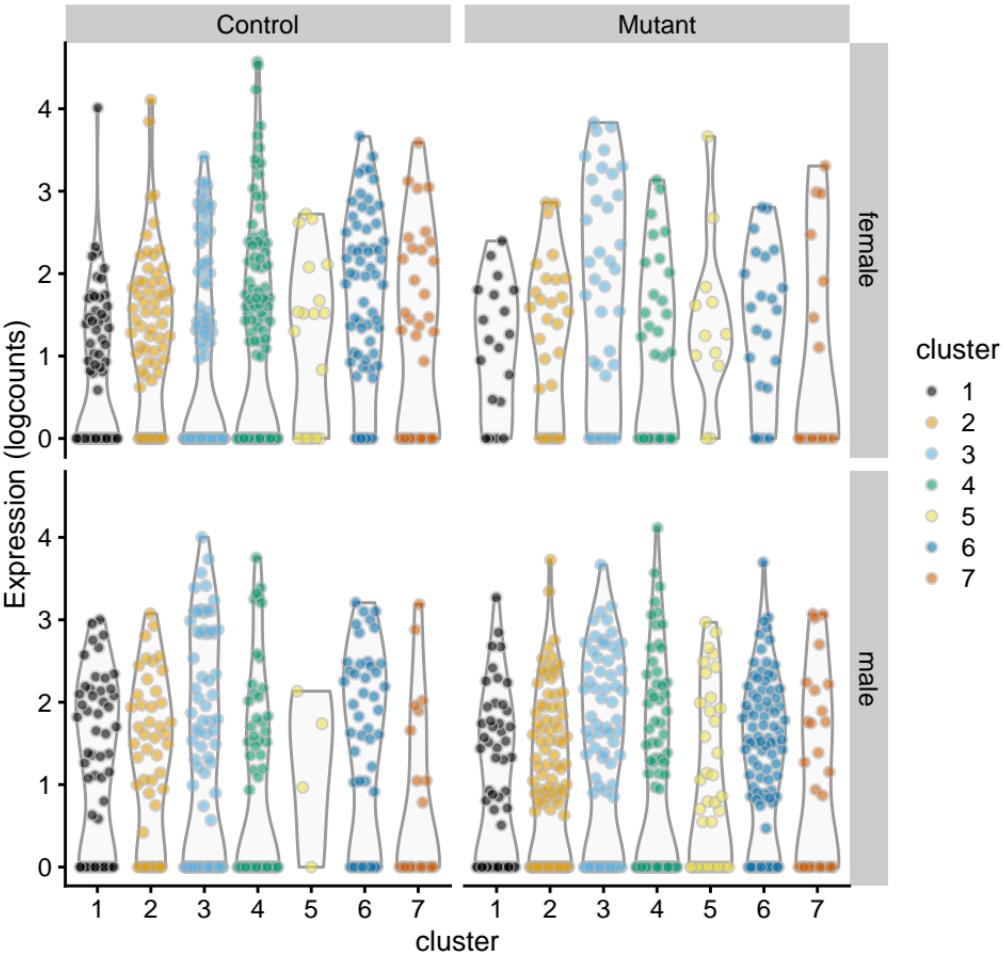
Tmem176a



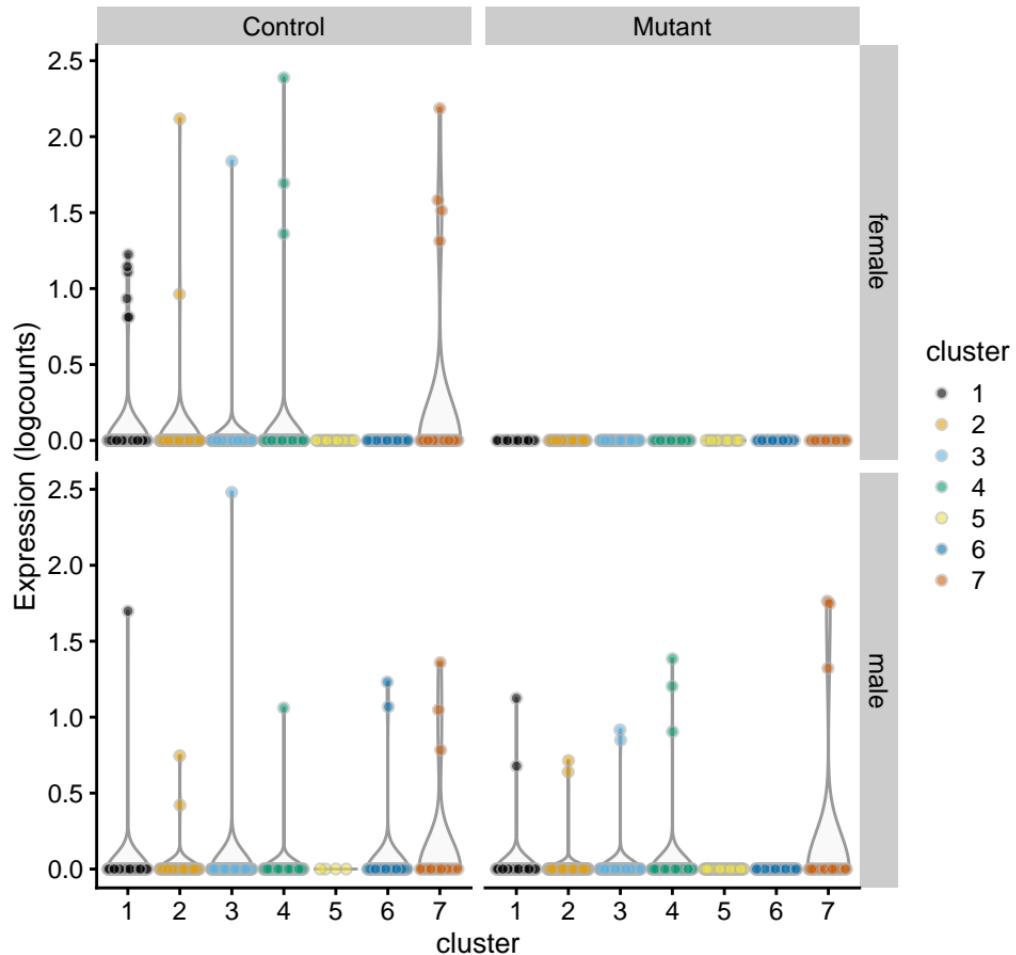
Tmem176b



Tmem252



Tspan7



Vwf

