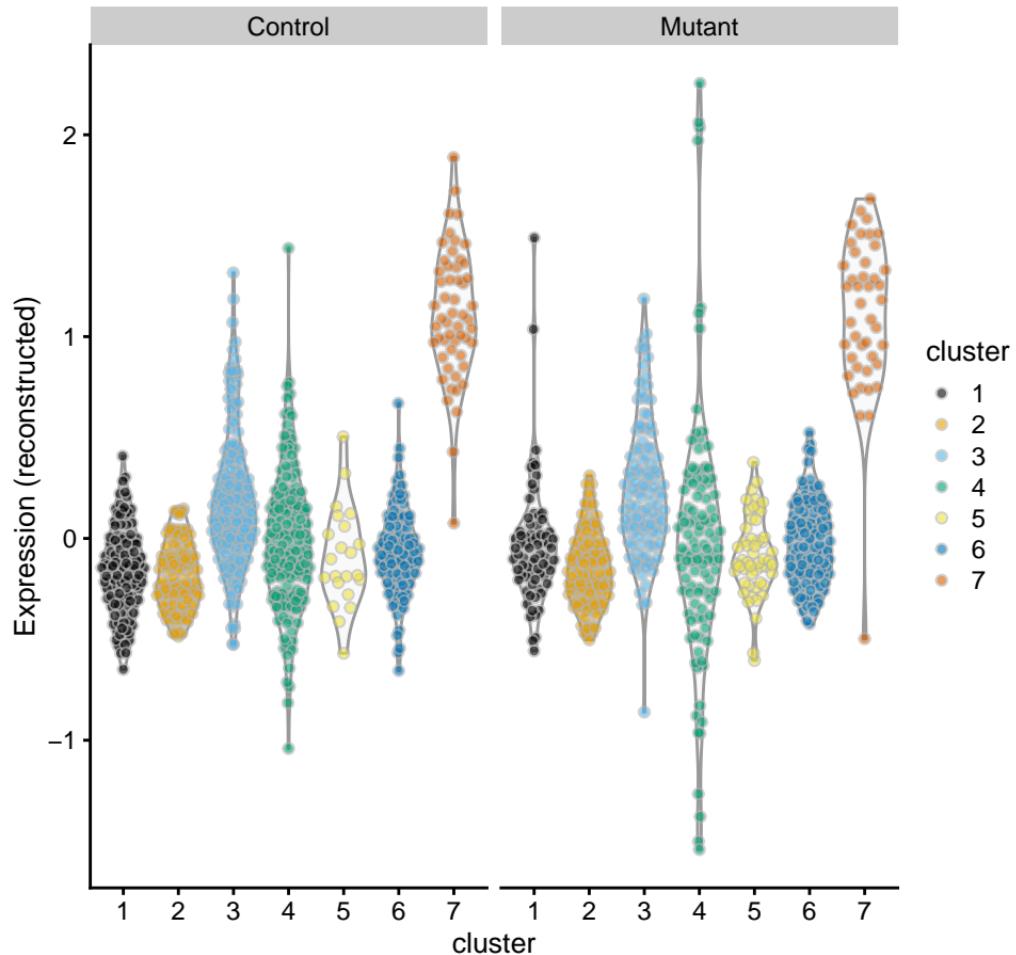
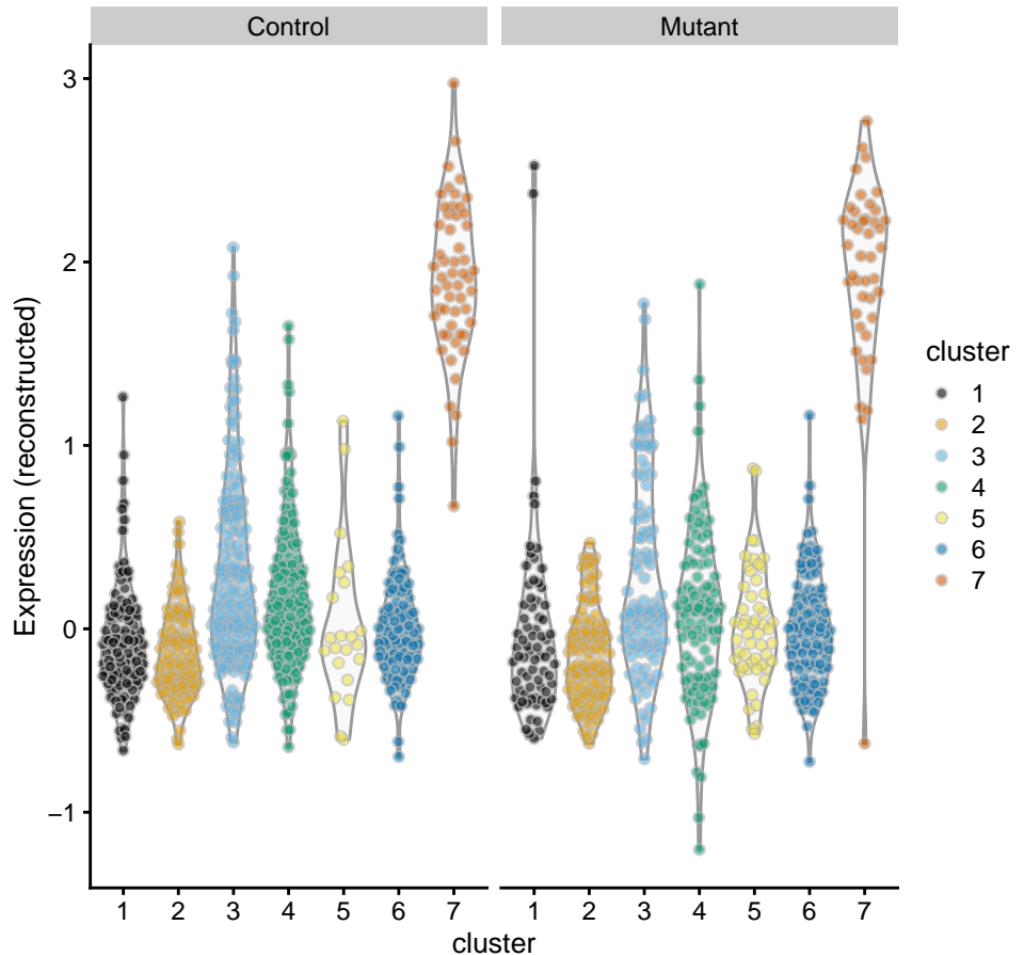


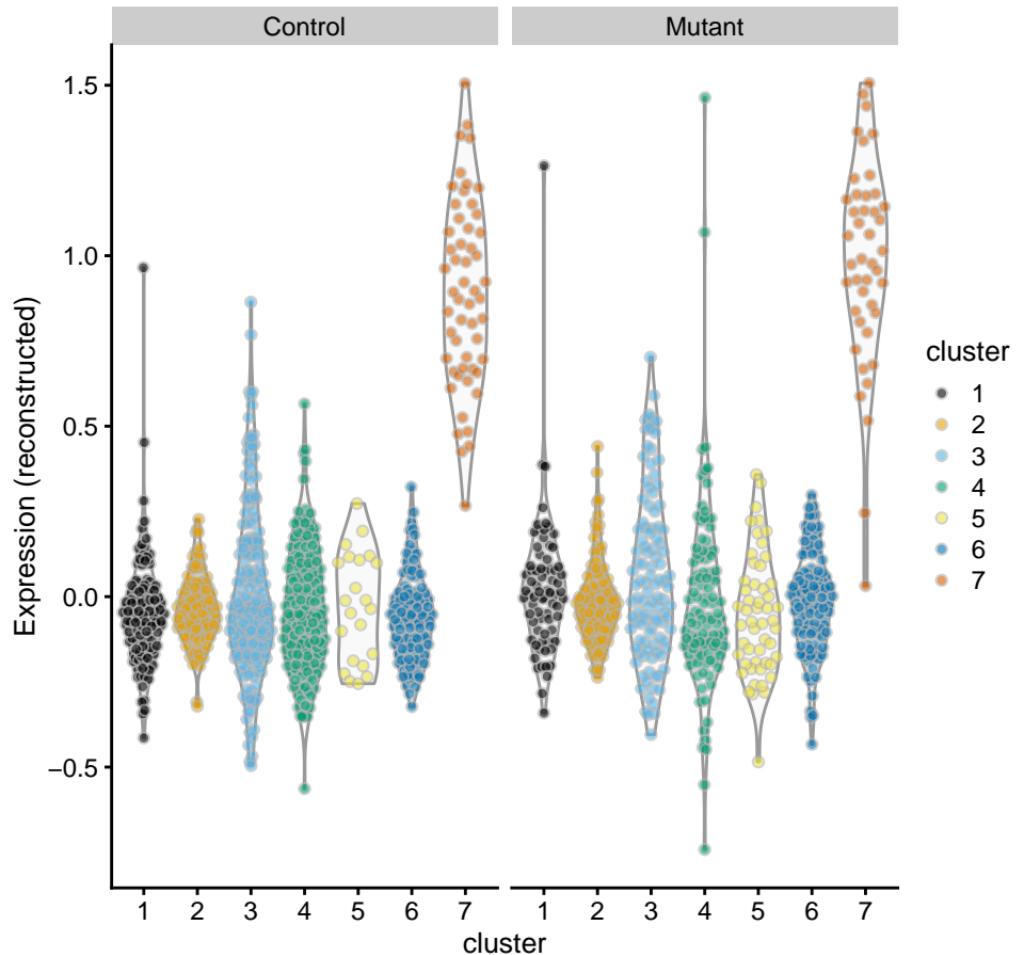
# Sox17



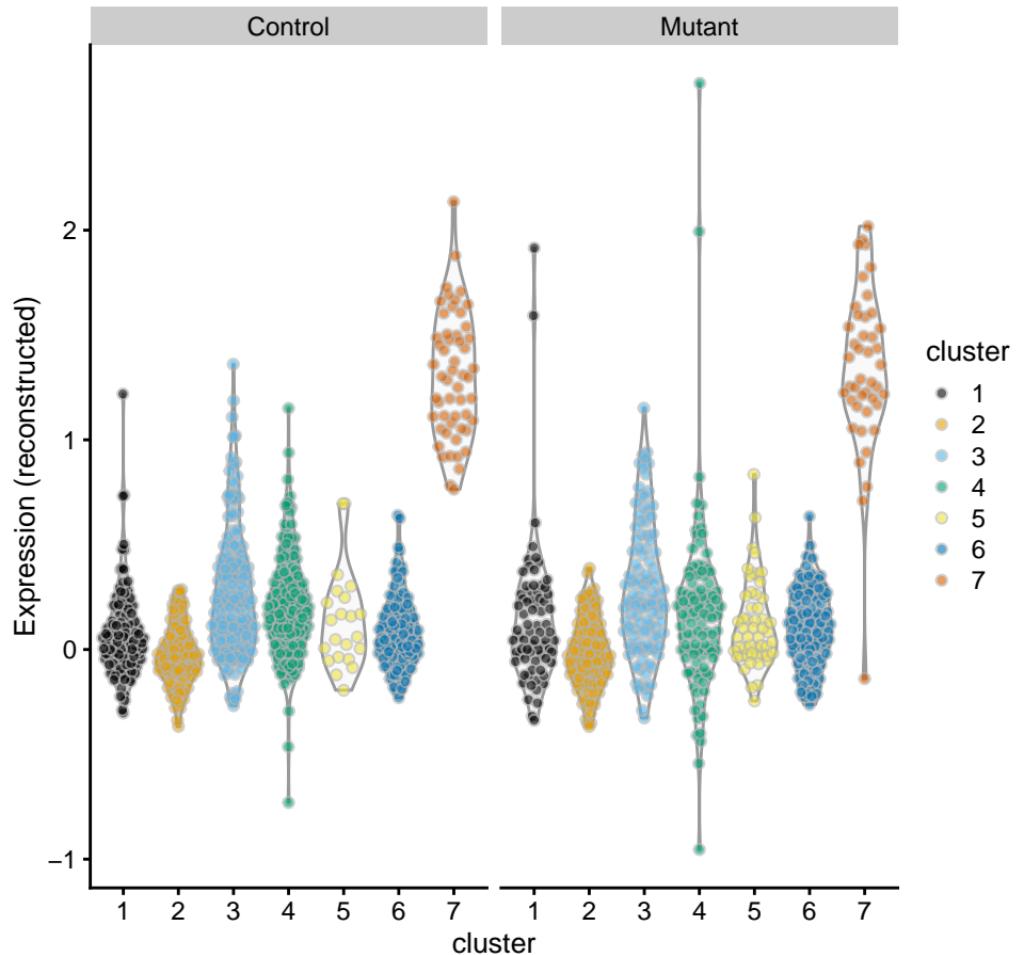
# Gja4



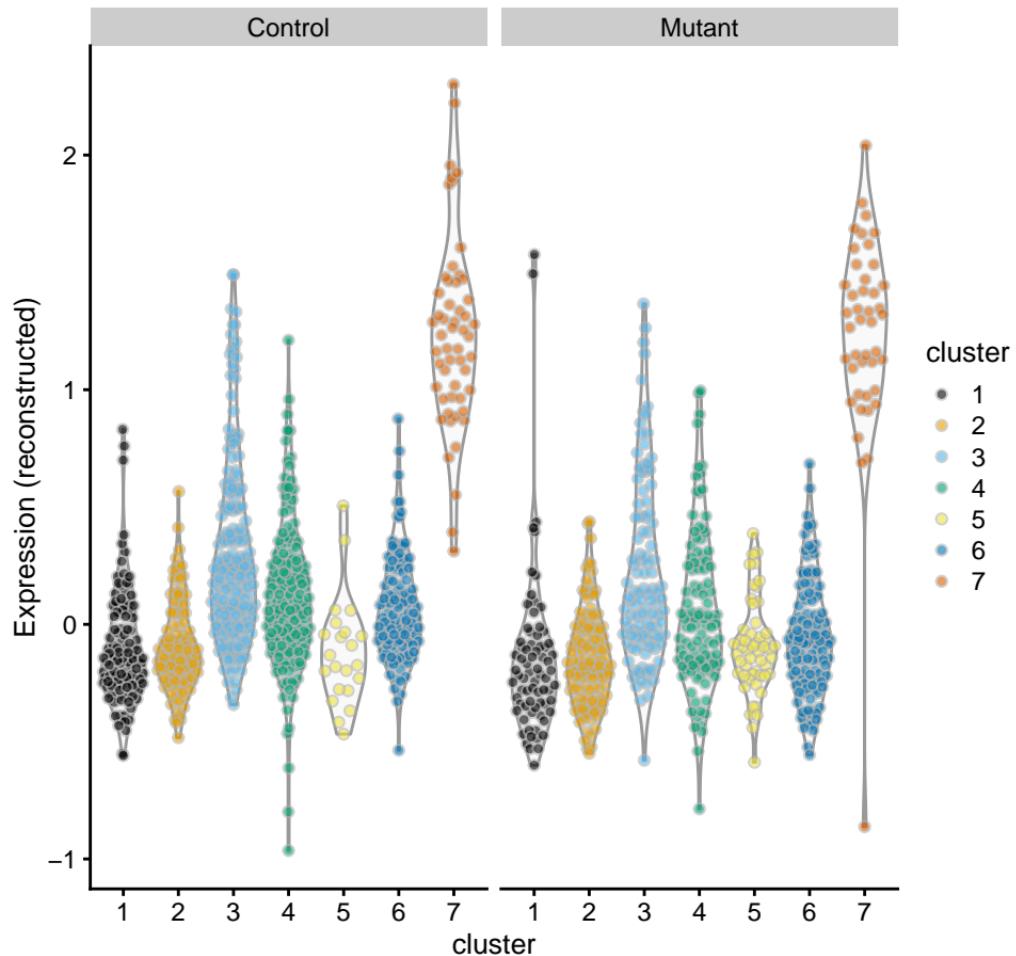
# Vegfc



# Sema3g



# Cxcl12



# Ptn

Control

Mutant

Expression (reconstructed)

1

0

1

2

3

4

5

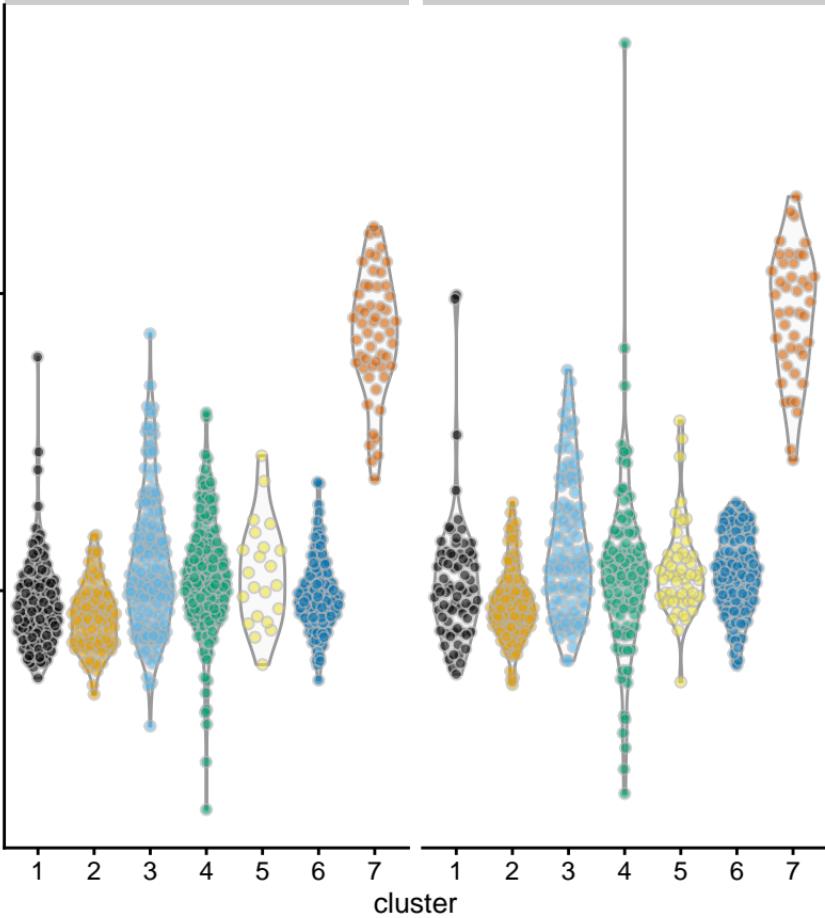
6

7

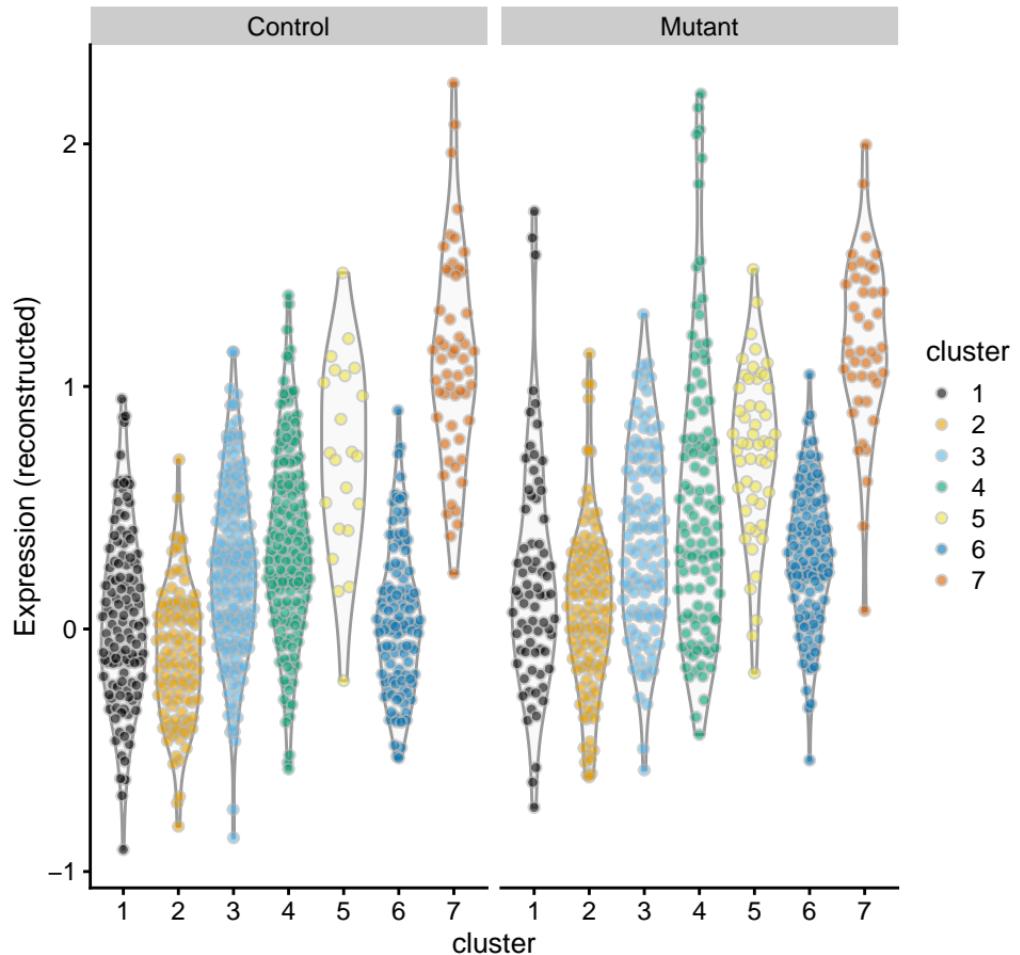
cluster

cluster

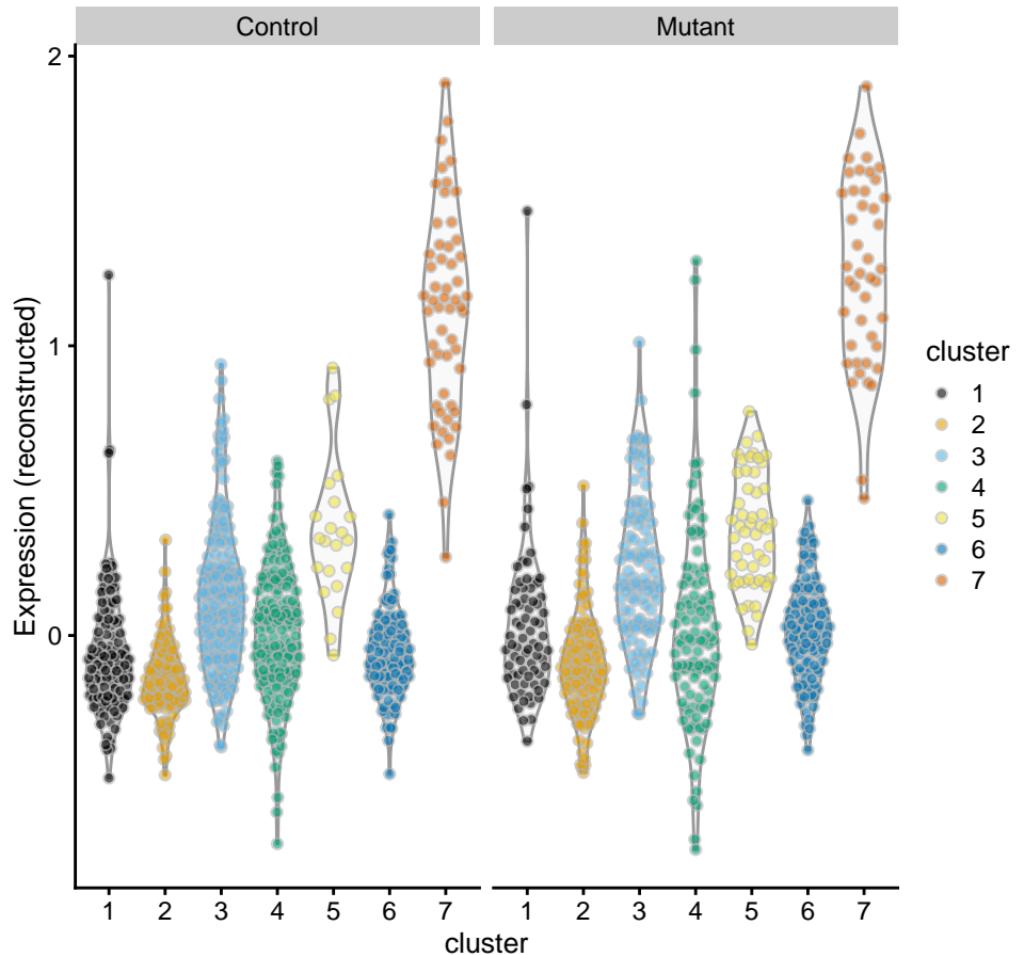
- 1
- 2
- 3
- 4
- 5
- 6
- 7



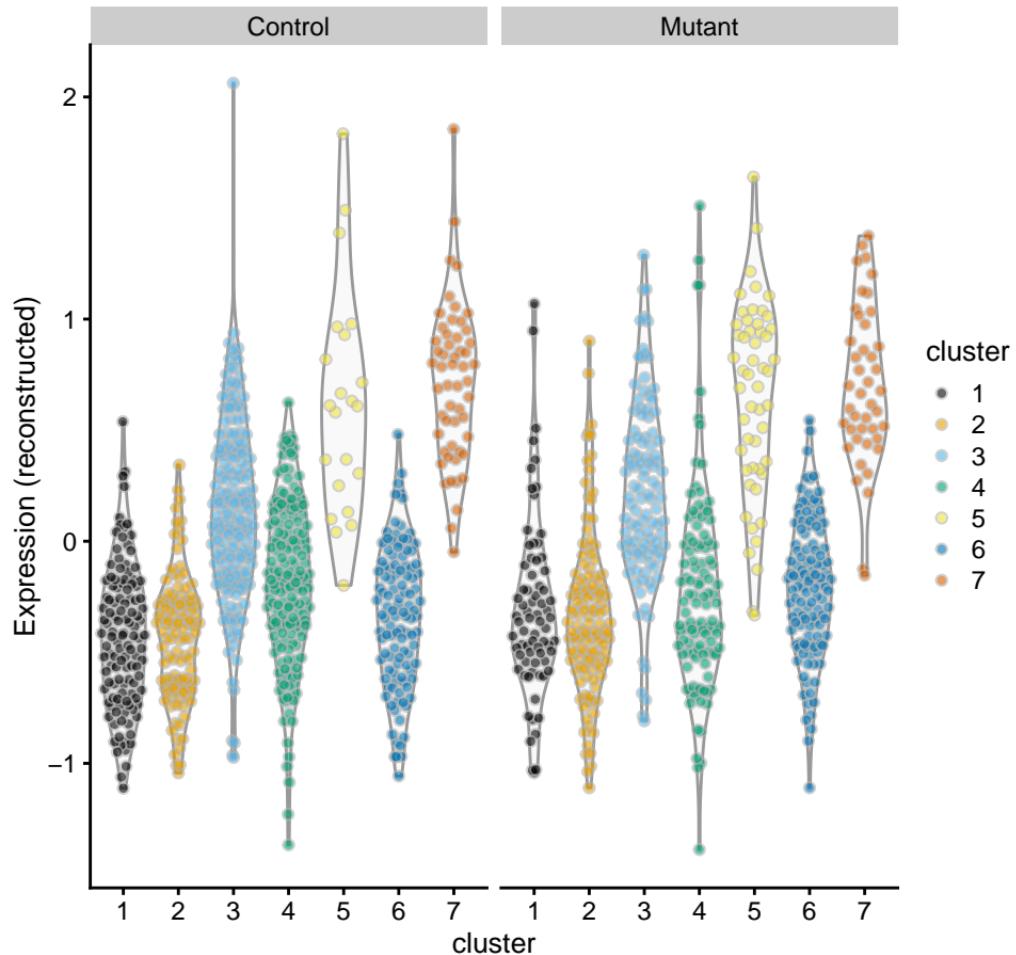
# Sat1



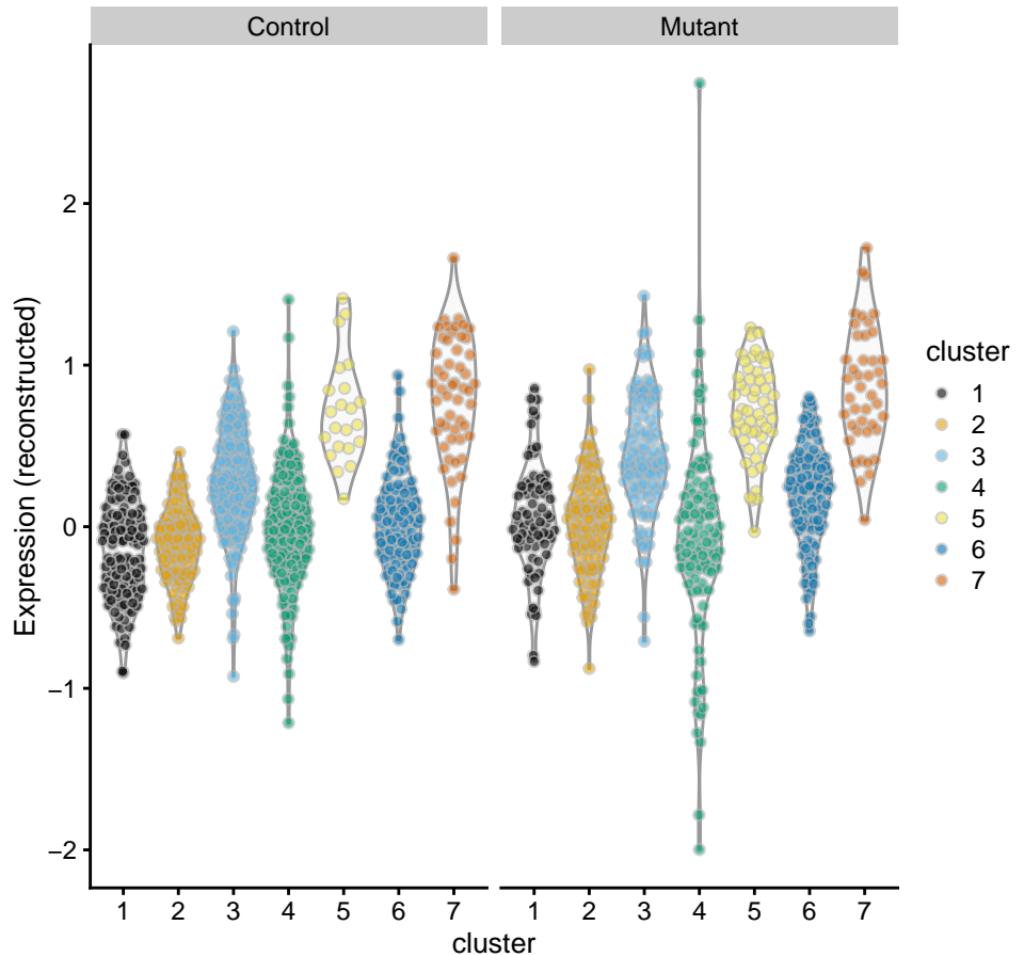
# Efnb2



# Cxcr4



# DII4



# Esm1

Control

Mutant

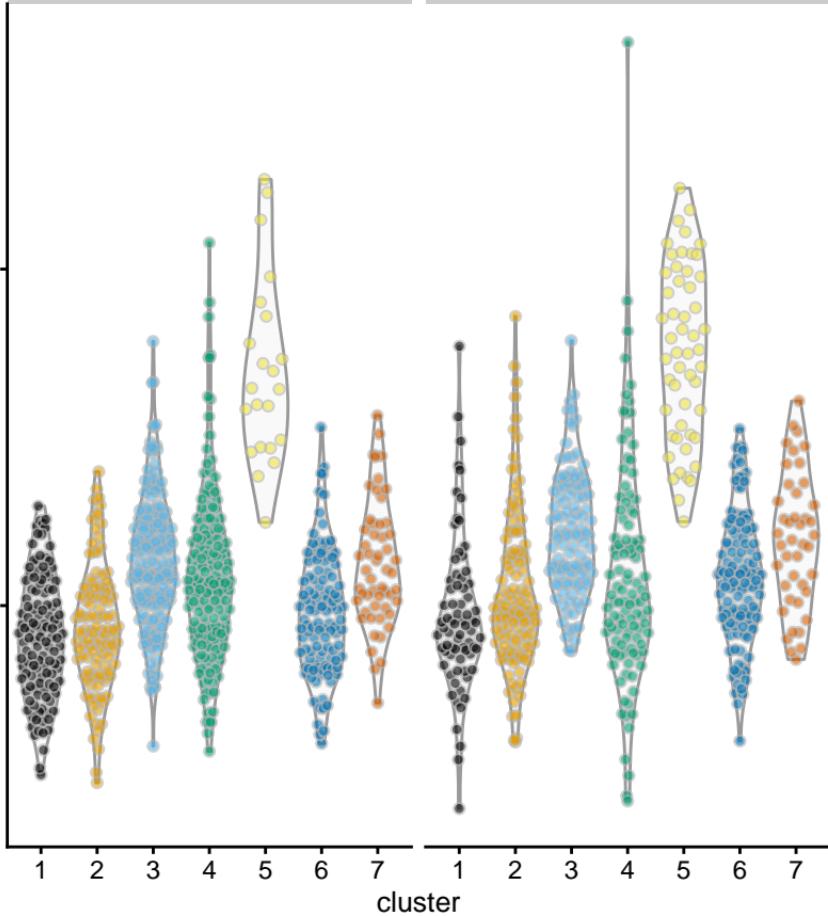
Expression (reconstructed)

cluster

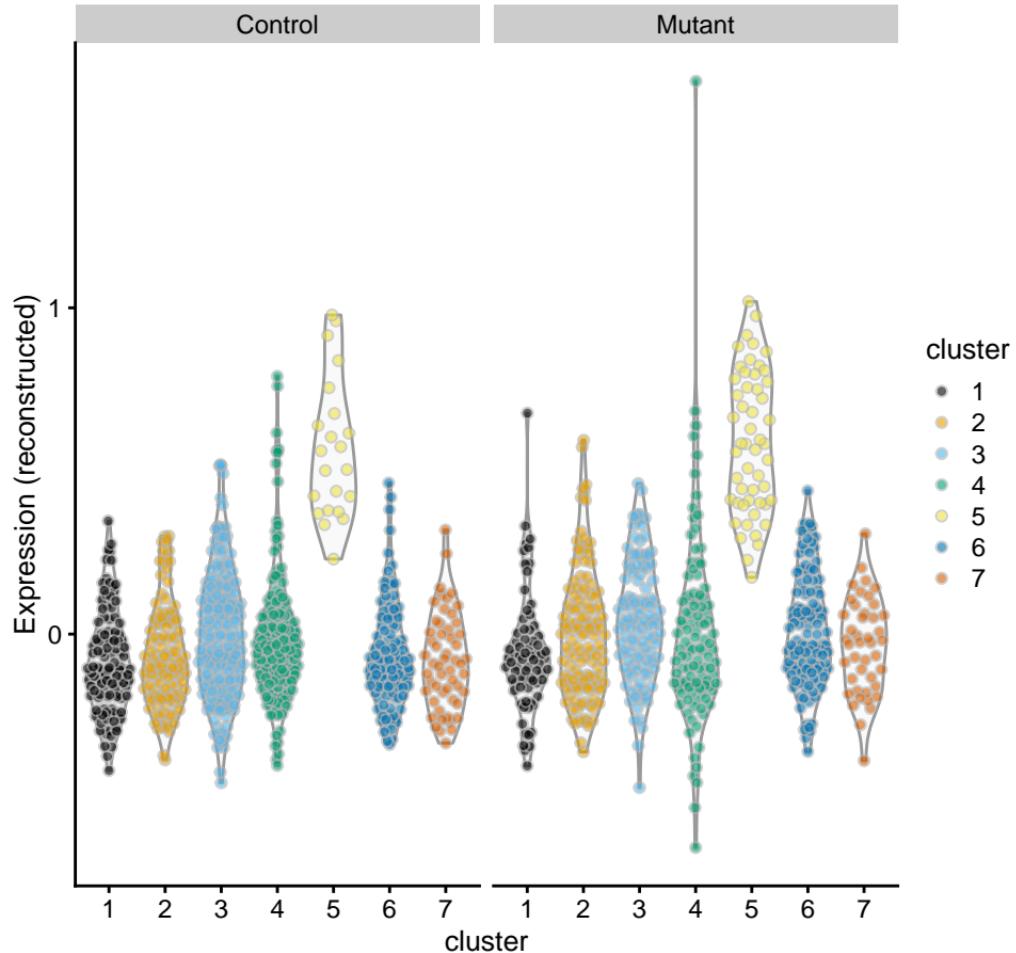
- 1
- 2
- 3
- 4
- 5
- 6
- 7

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

cluster



# Angpt2



# Apln

Control

Mutant

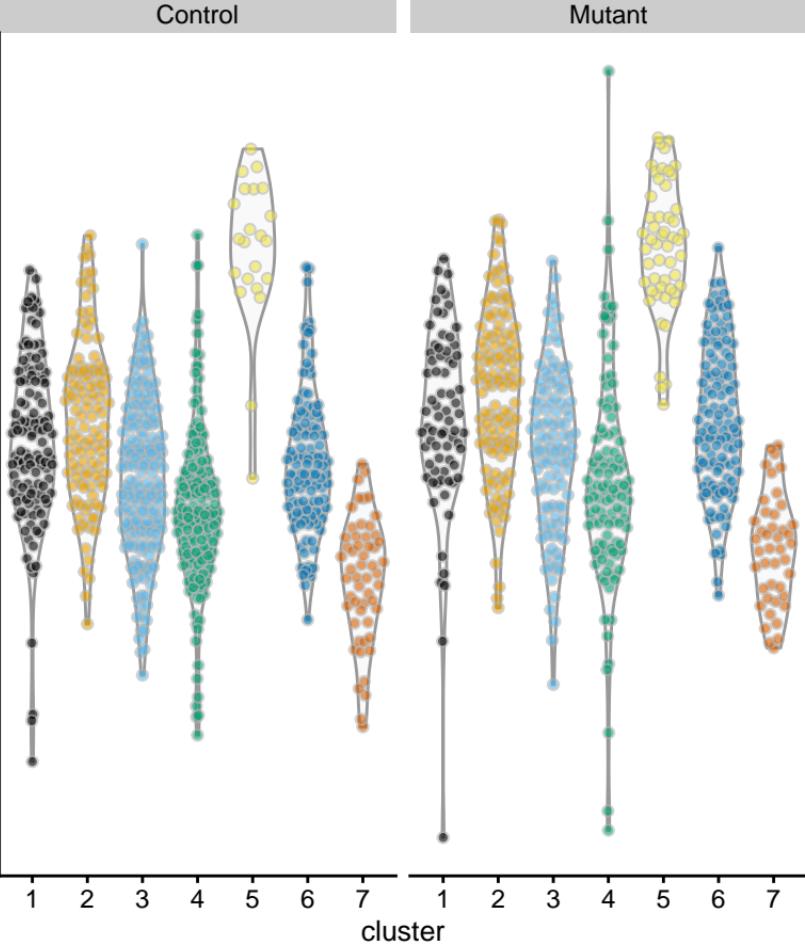
Expression (reconstructed)

-2  
-1  
0  
1

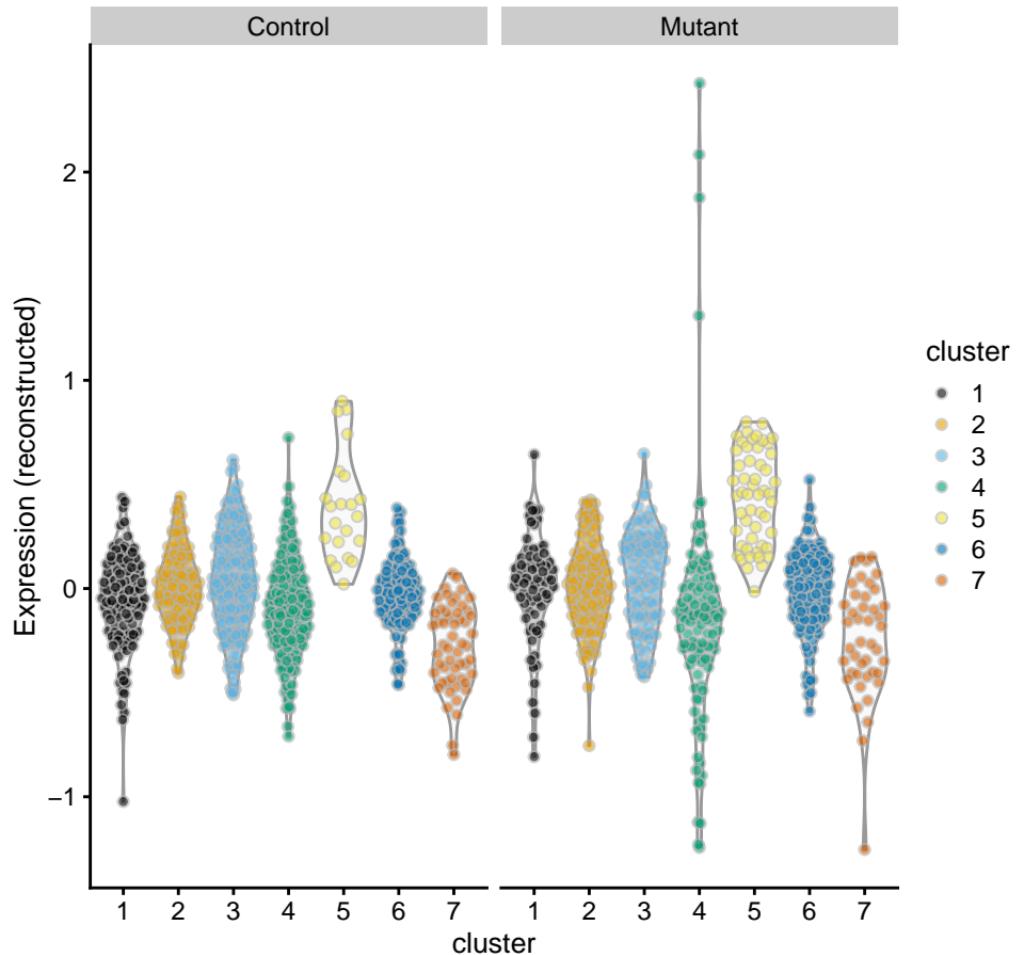
1 2 3 4 5 6 7 1 2 3 4 5 6 7

cluster

cluster  
1  
2  
3  
4  
5  
6  
7



# Flt4



# Adm

Control

Mutant

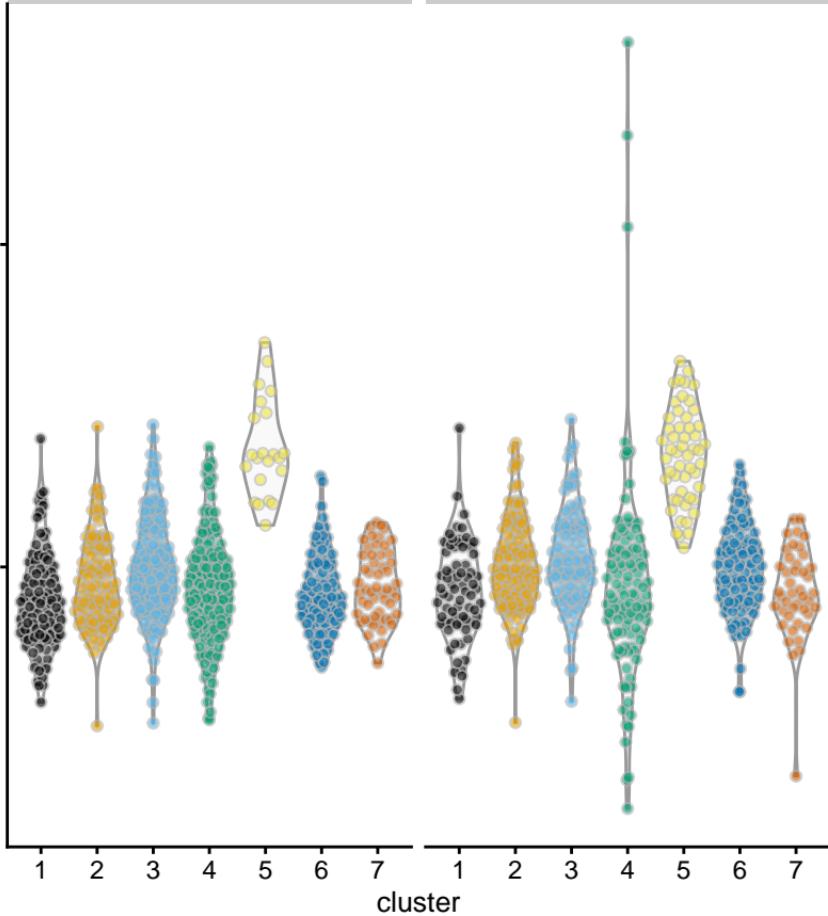
Expression (reconstructed)

cluster

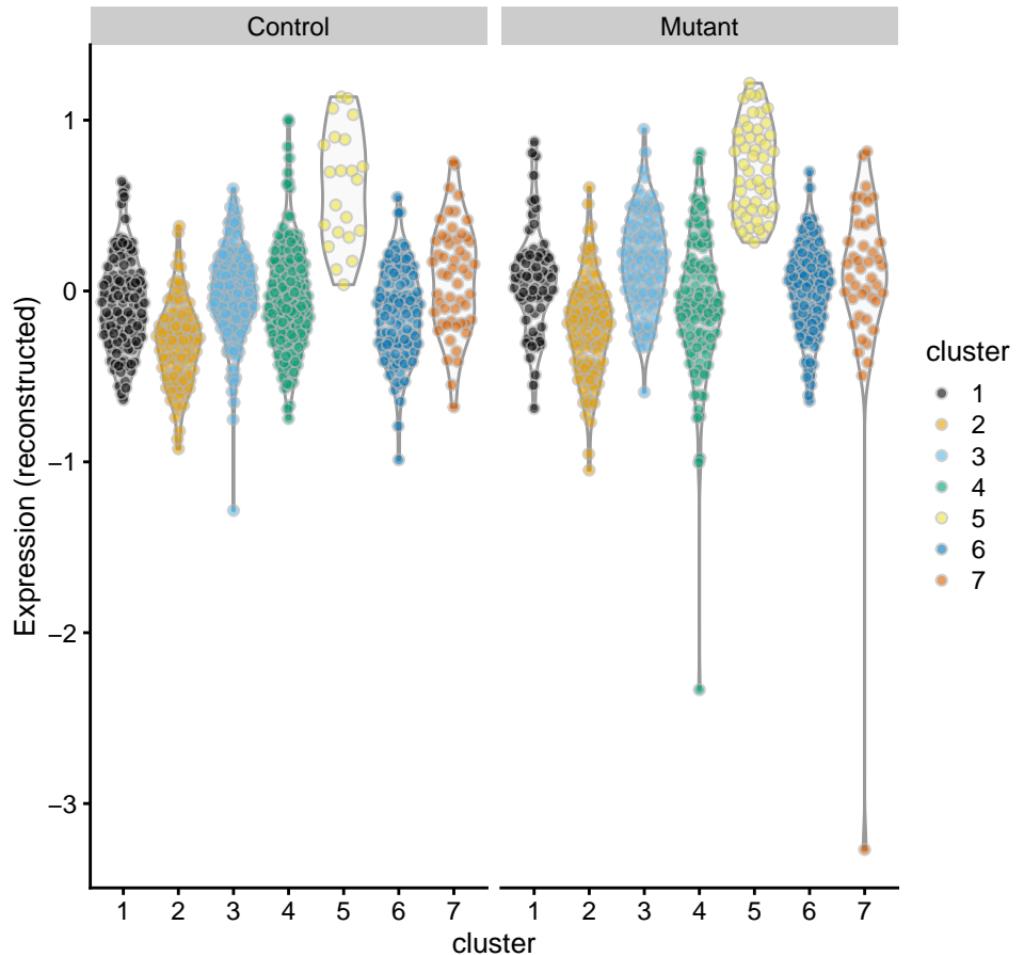
- 1
- 2
- 3
- 4
- 5
- 6
- 7

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

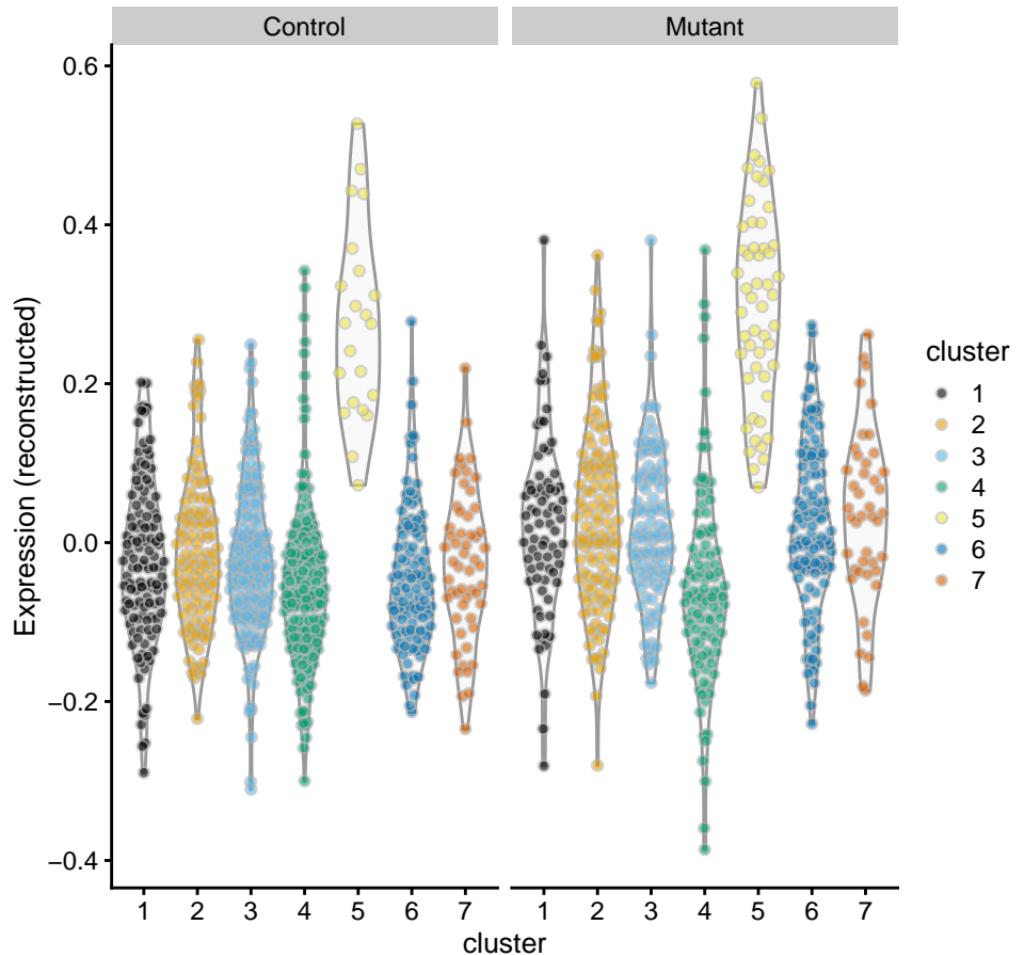
cluster



# Col4a1



# Ednrb



# Igfbp3

Control

Mutant

Expression (reconstructed)

2

0

-2

1

2

3

4

5

6

7

cluster

cluster

1

2

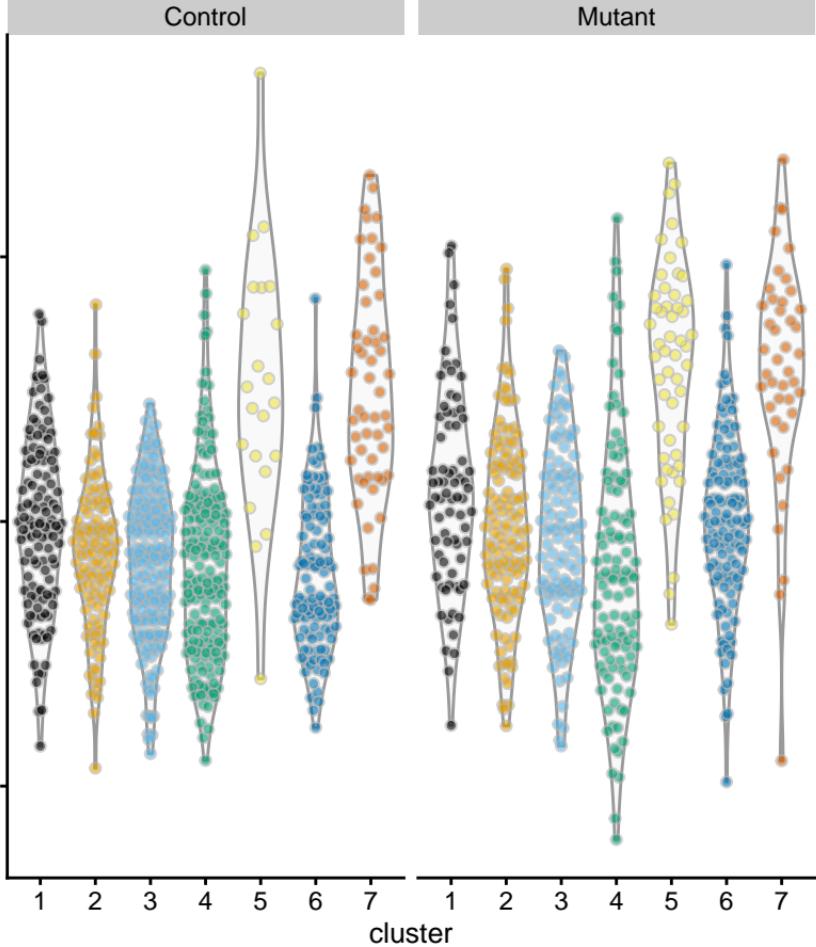
3

4

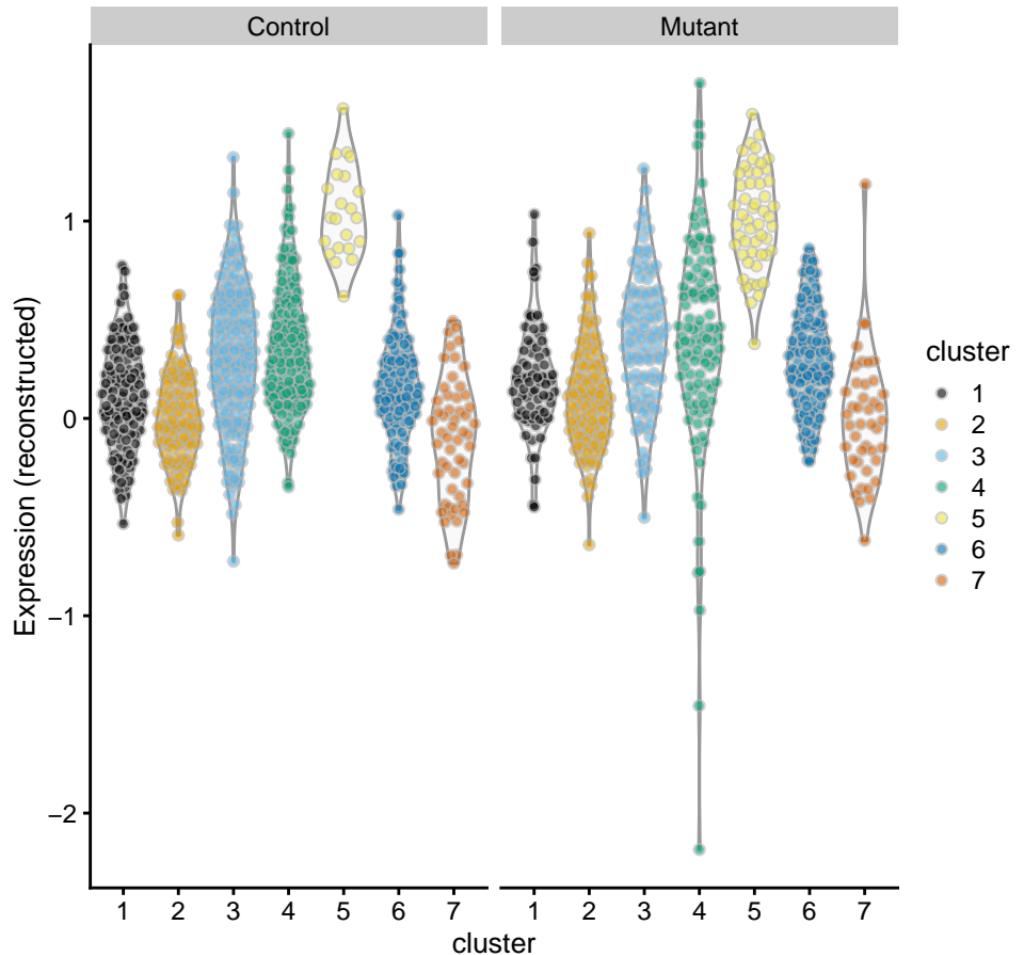
5

6

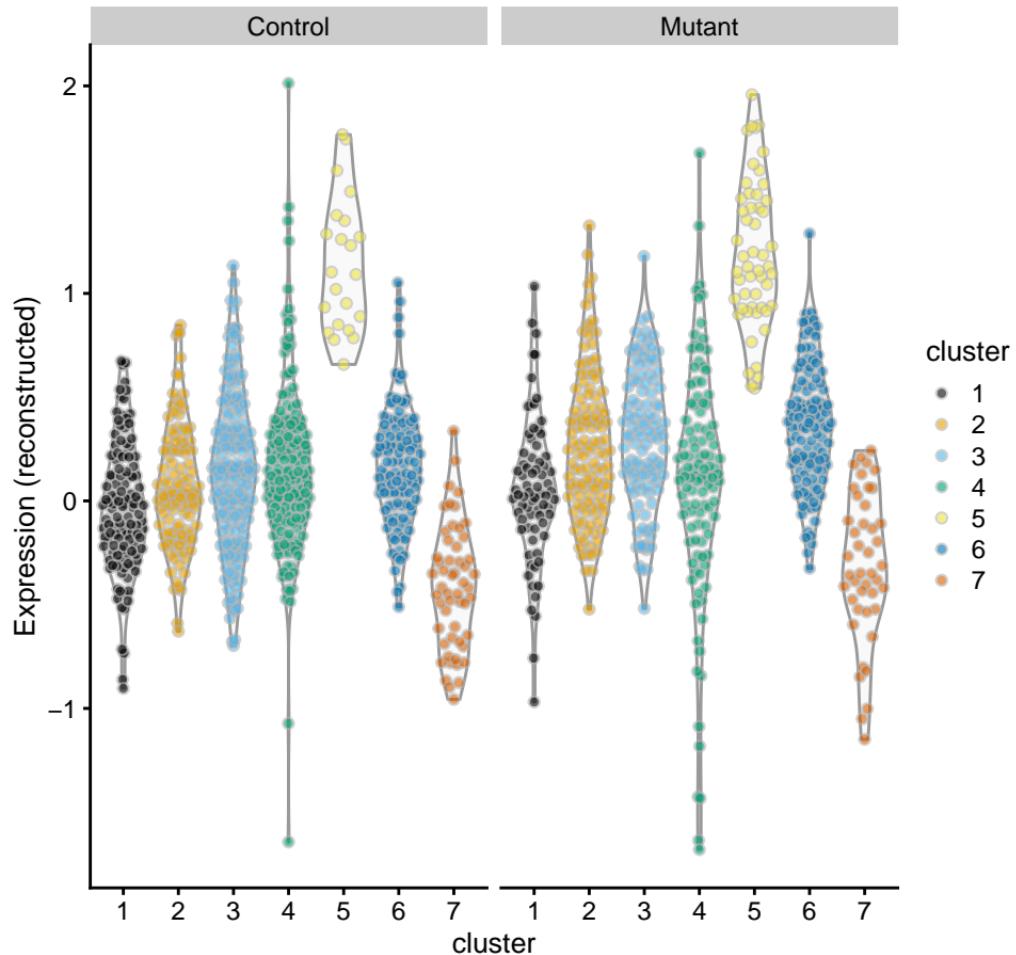
7



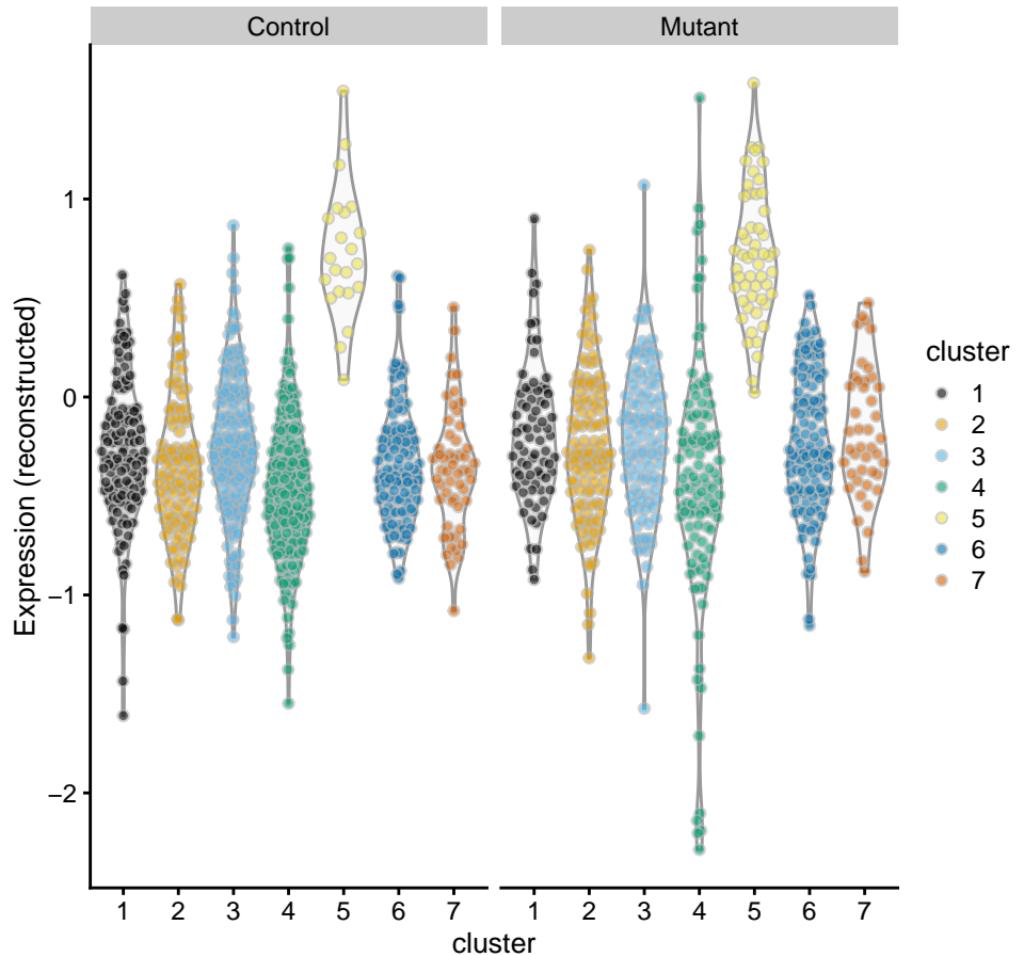
# Lama4



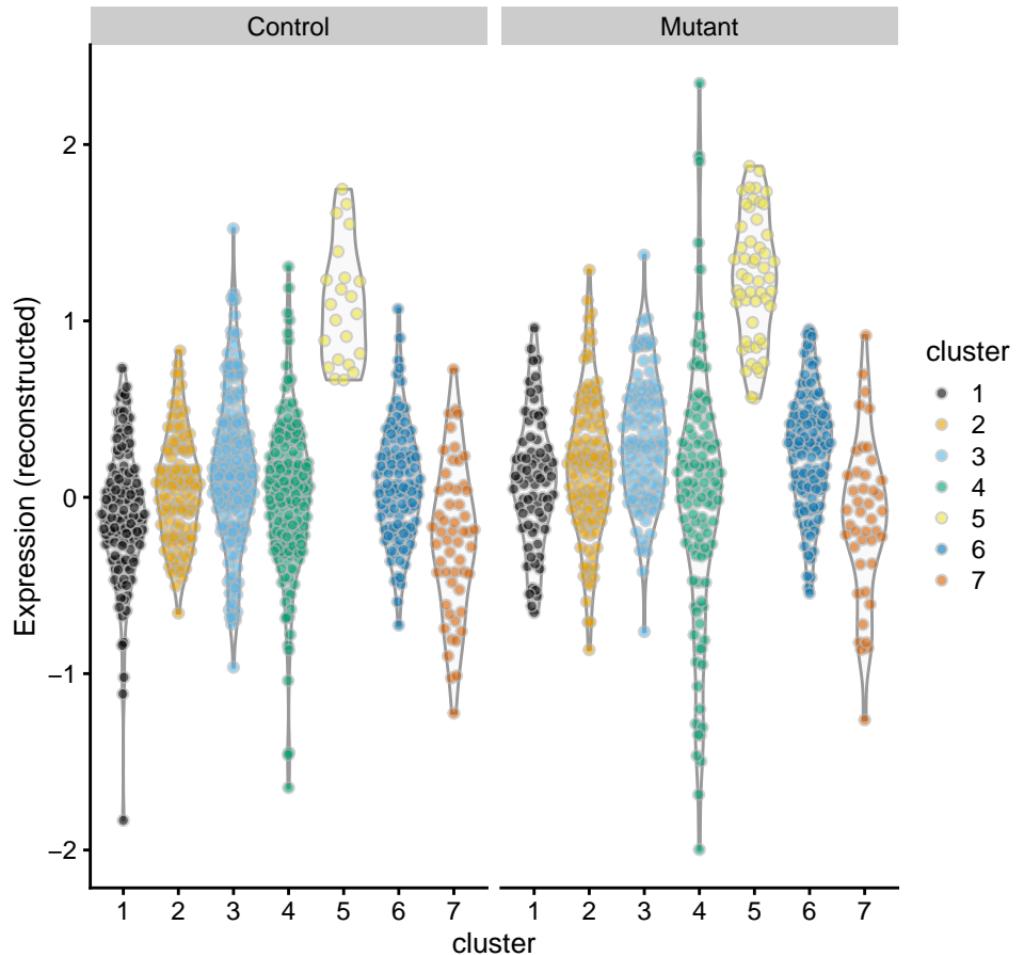
# Lamb1



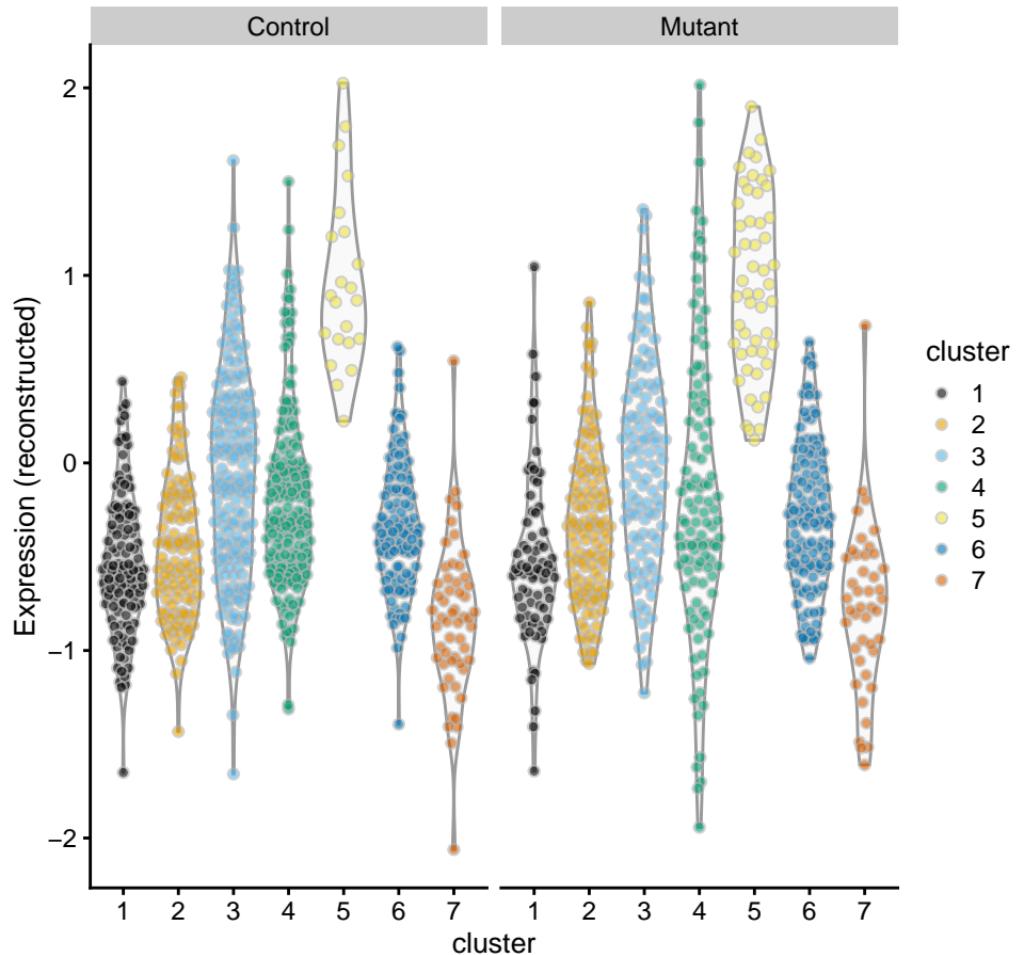
# Mcam



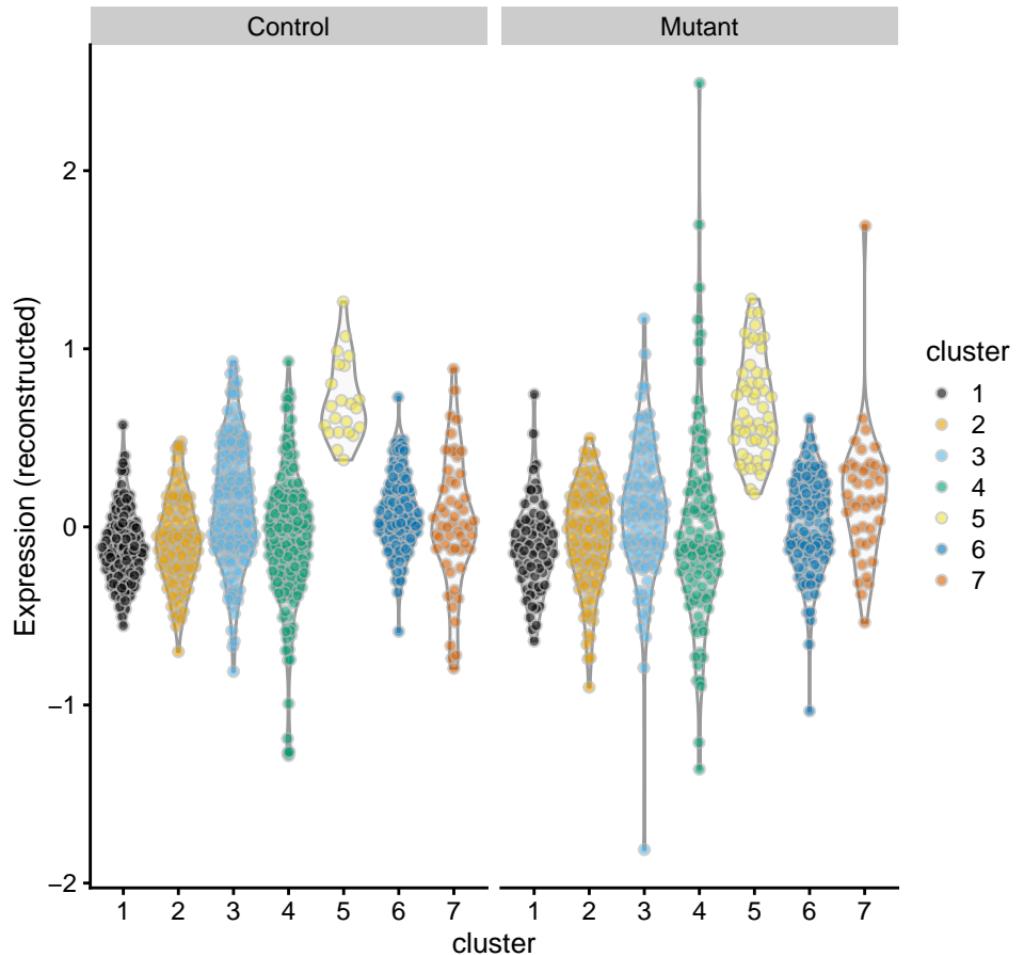
# Nid2



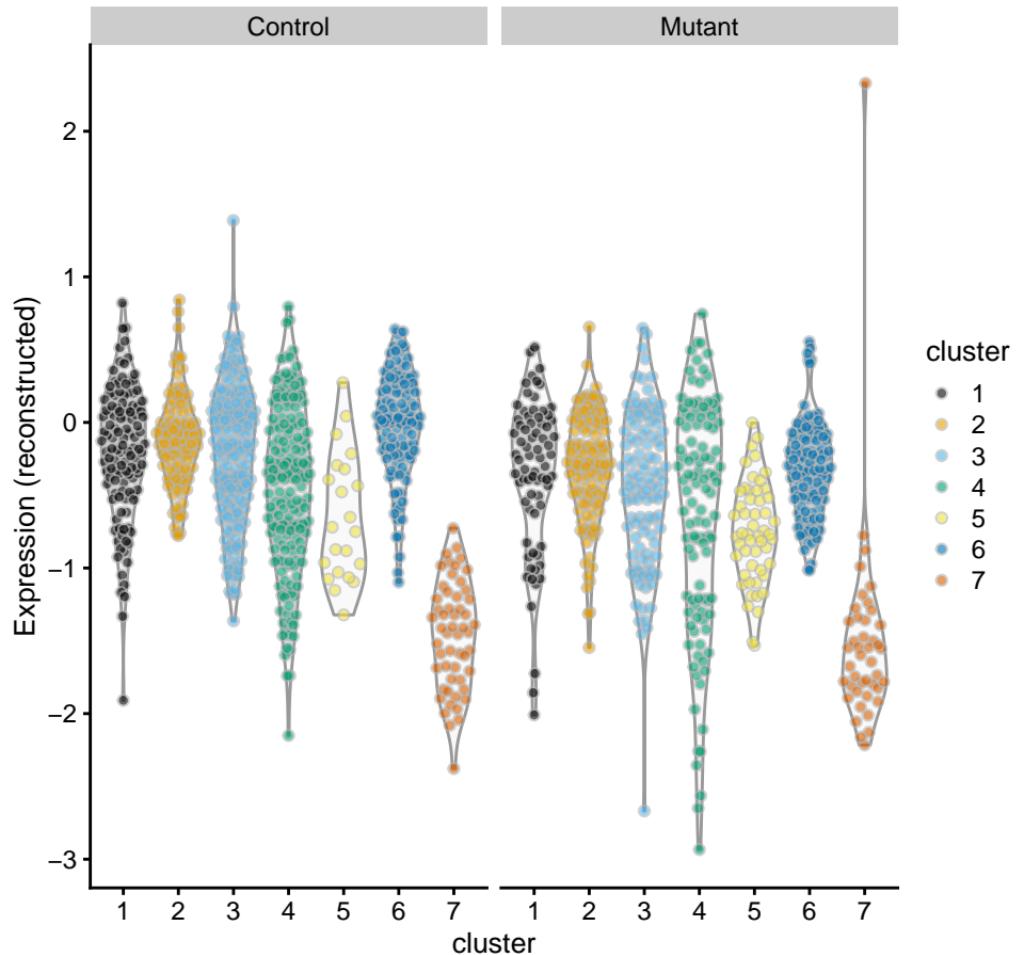
# Trp53i11



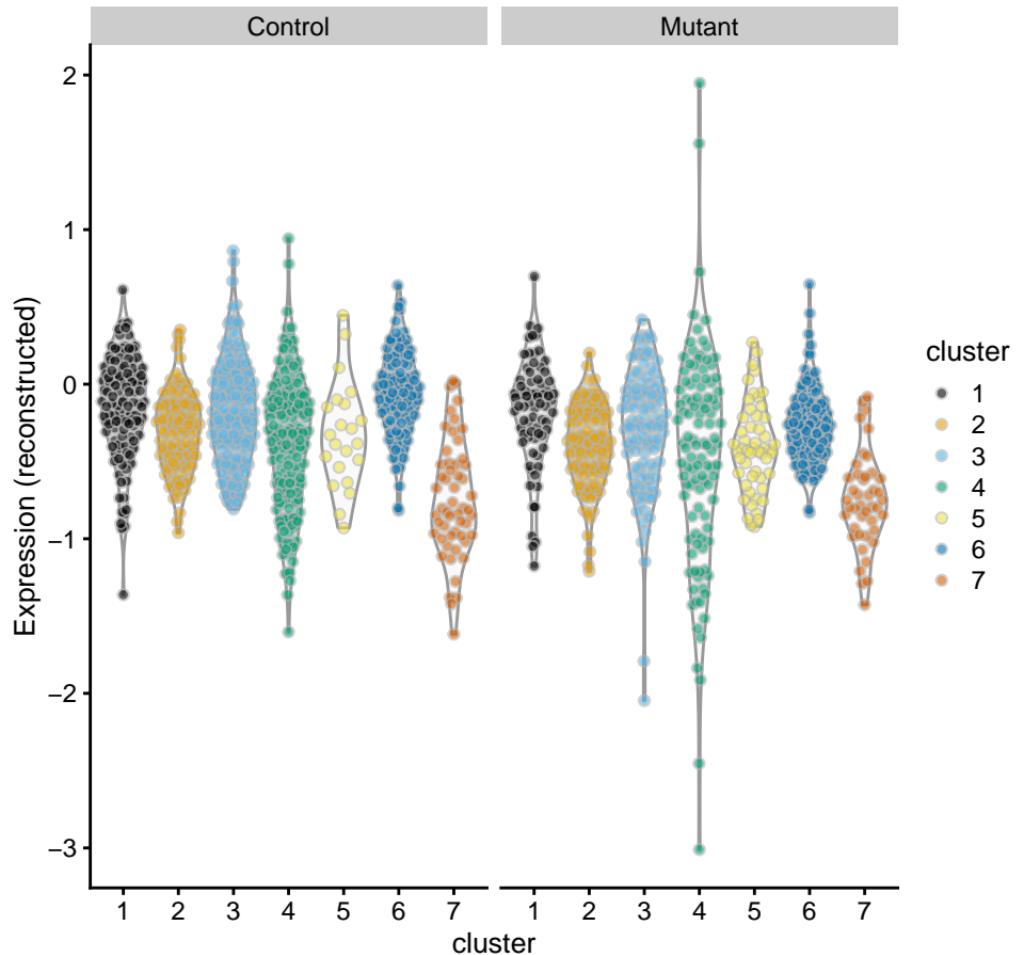
# Rhoc



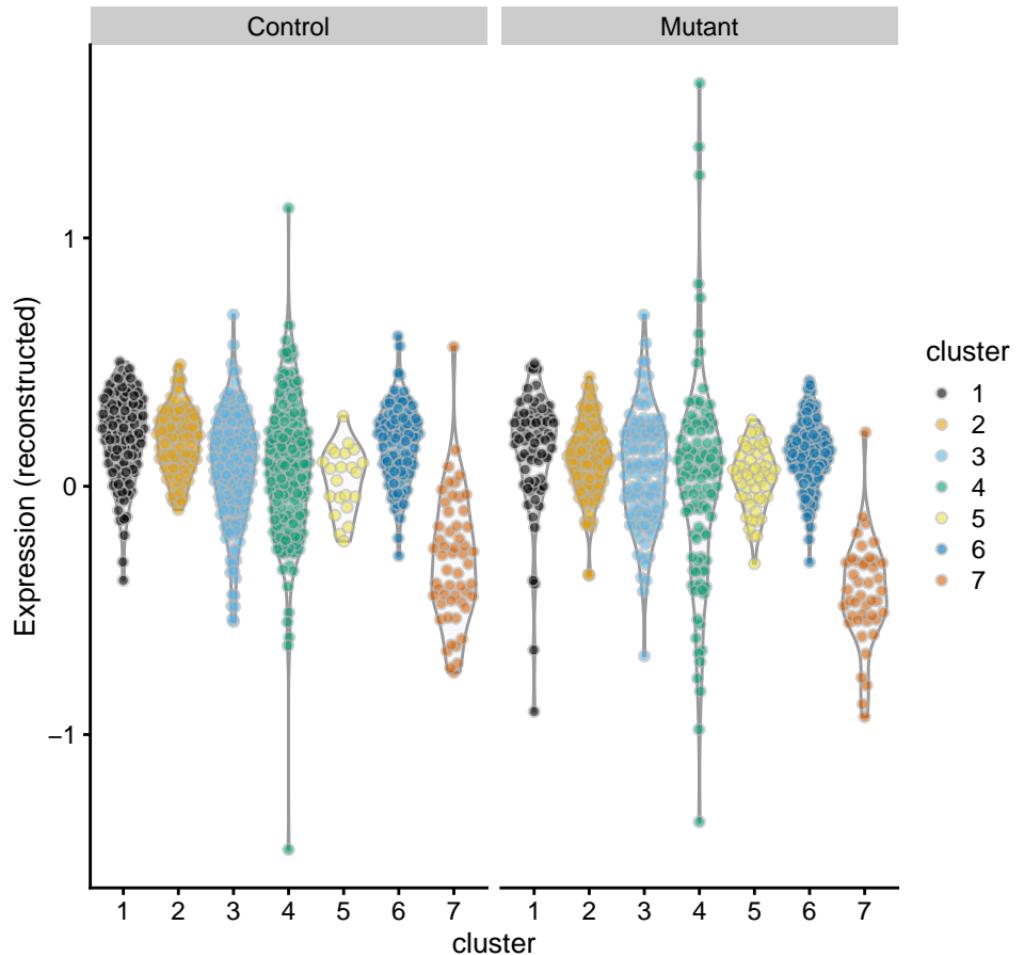
# Aplnr



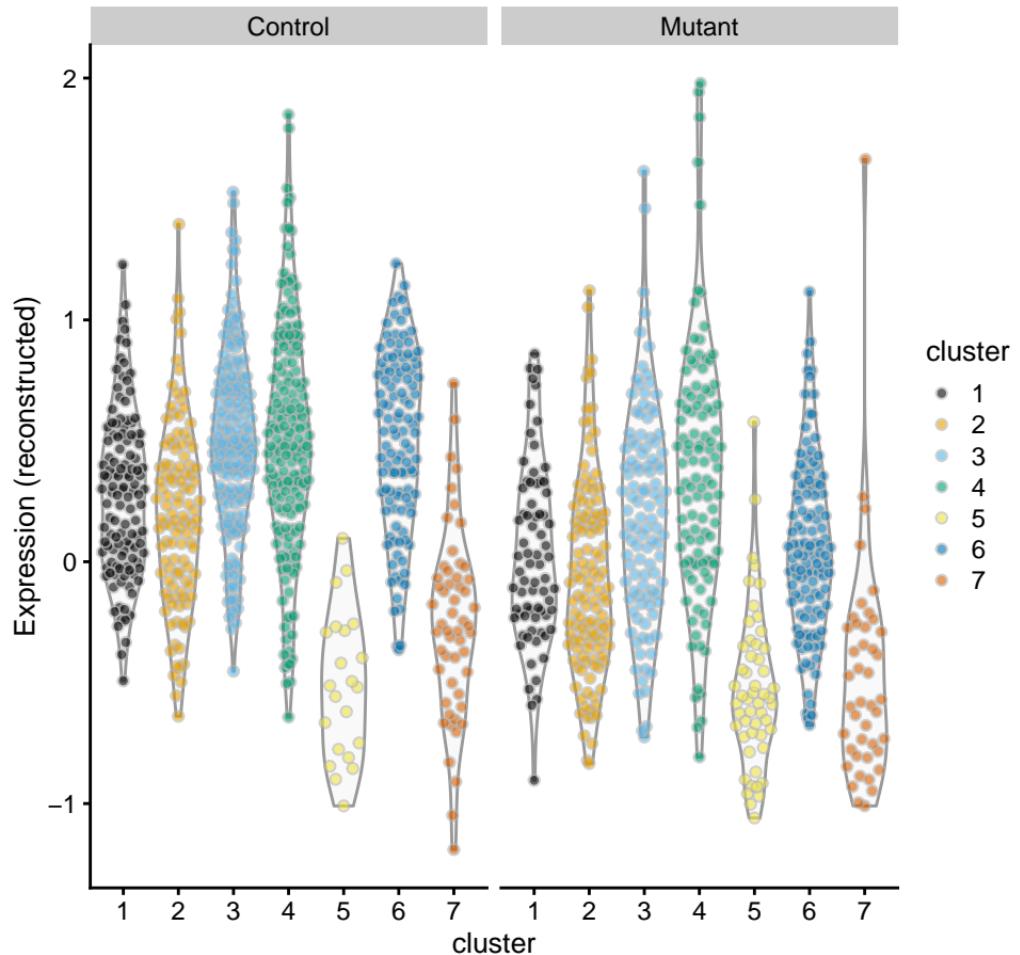
# Prcp



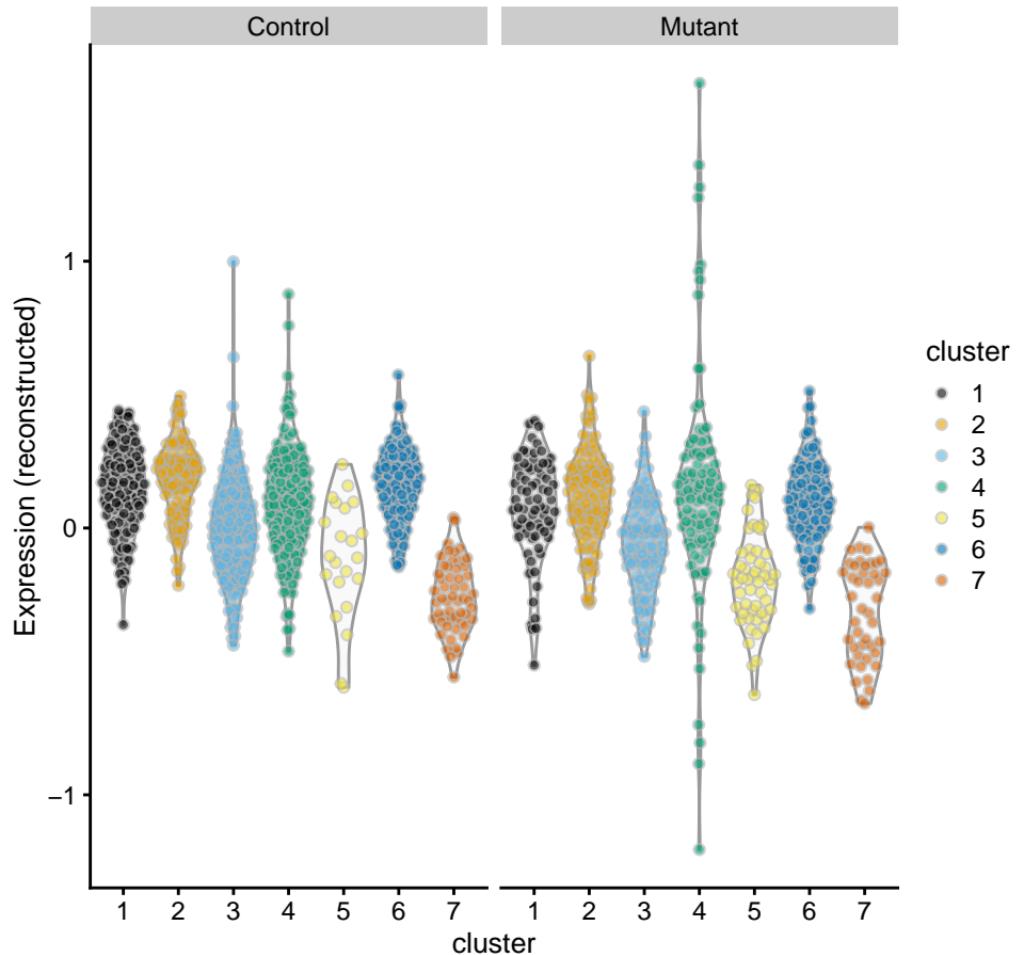
# Bgn



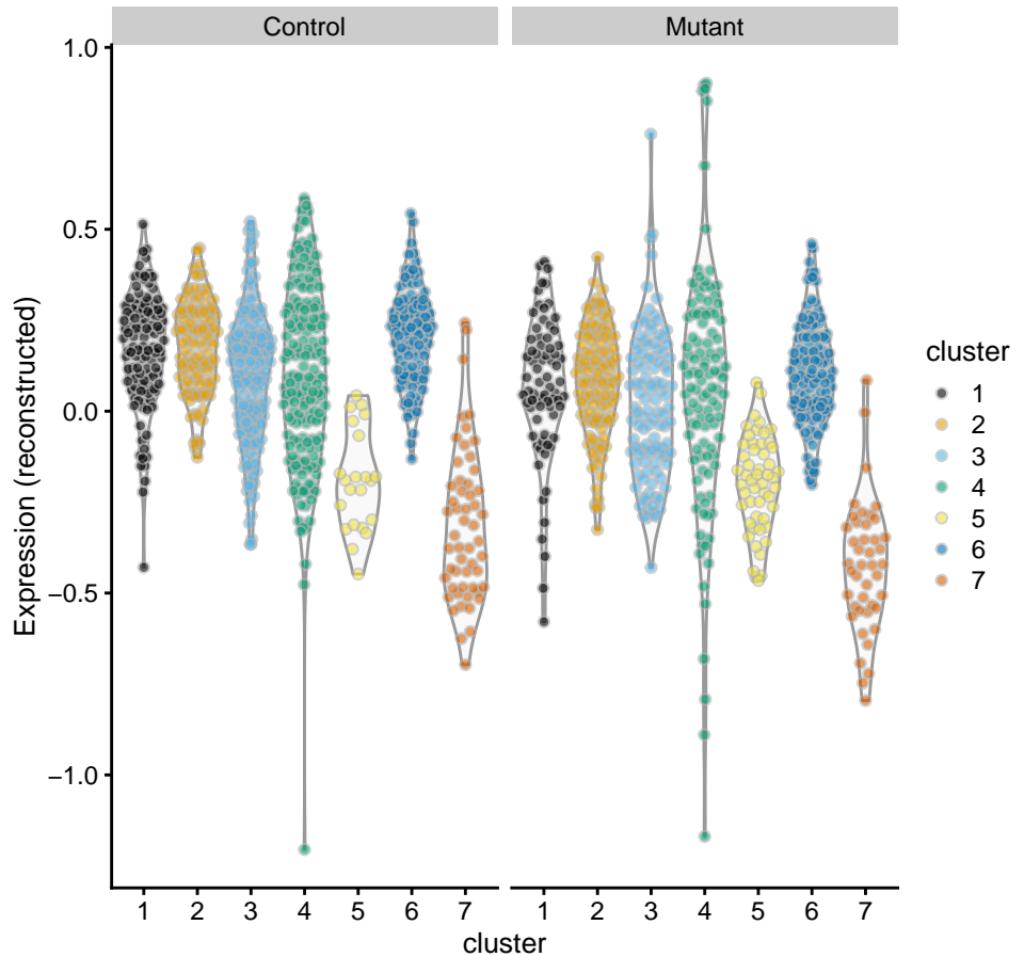
# **Slc38a5**



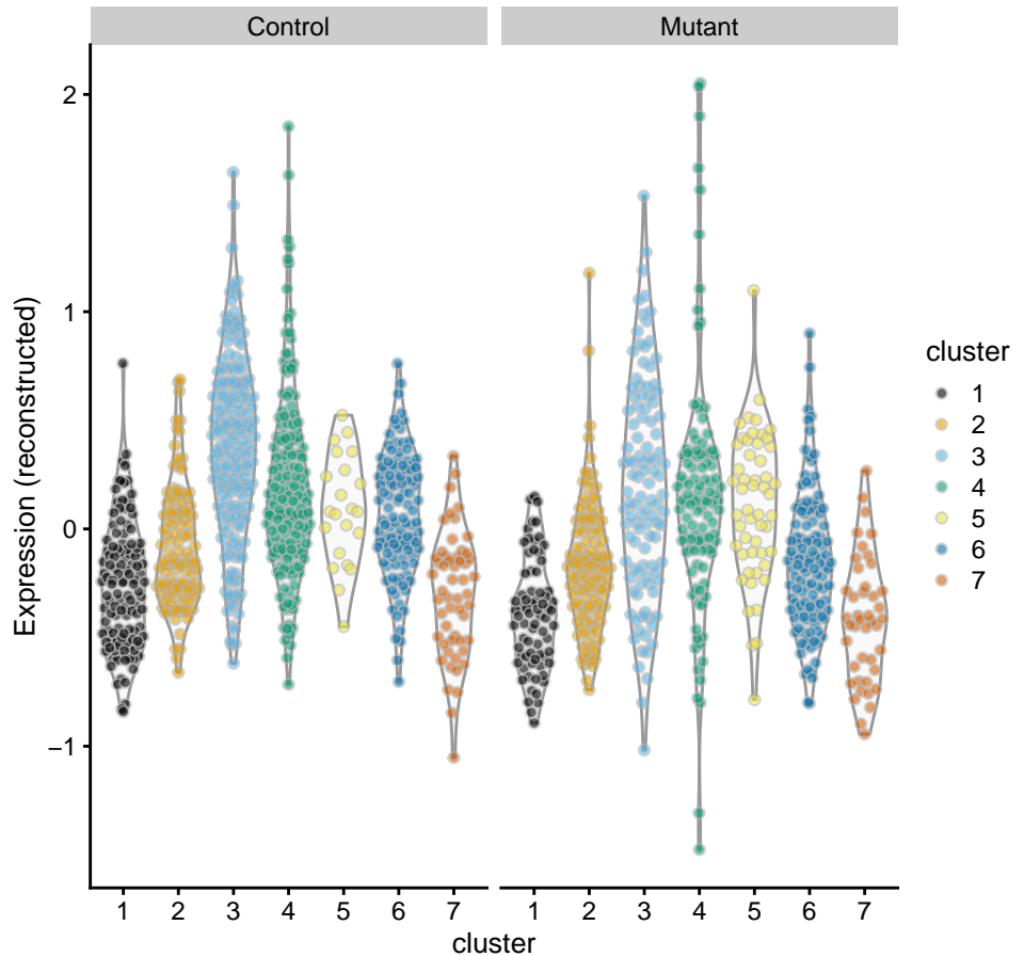
# Nr2f2



# Gatm



# Apod

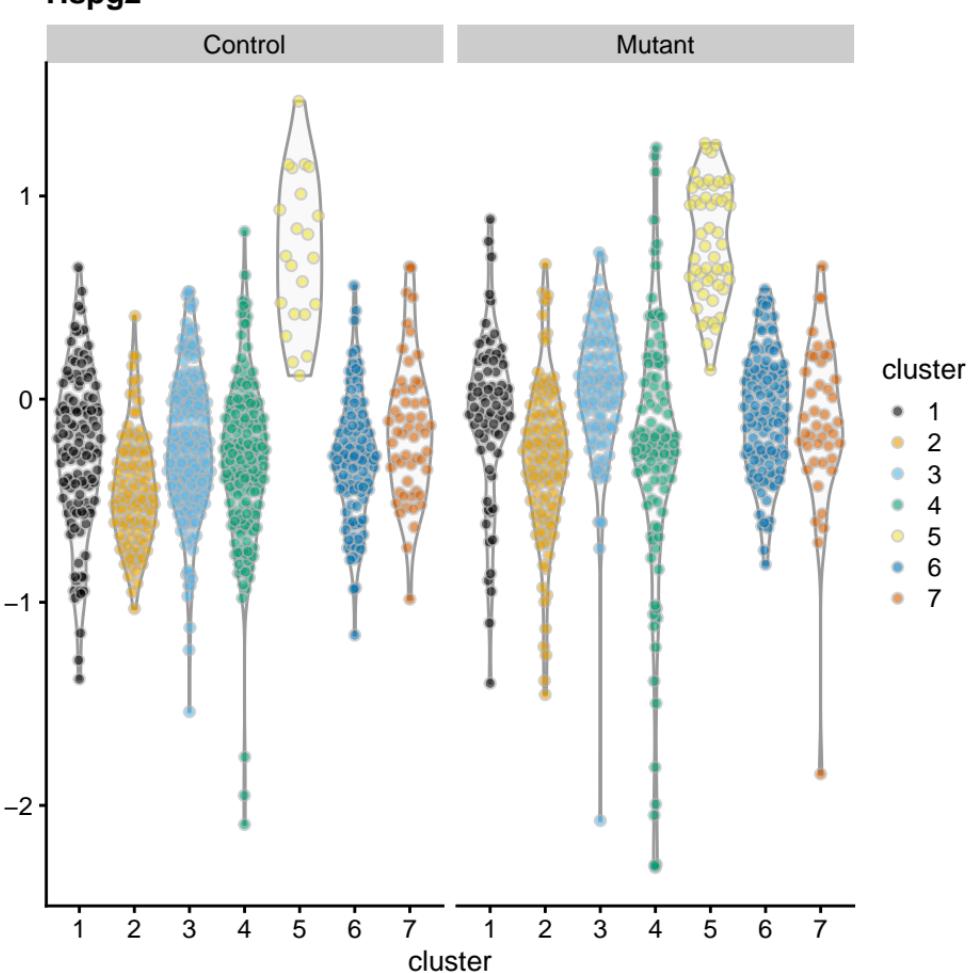


# Hspg2

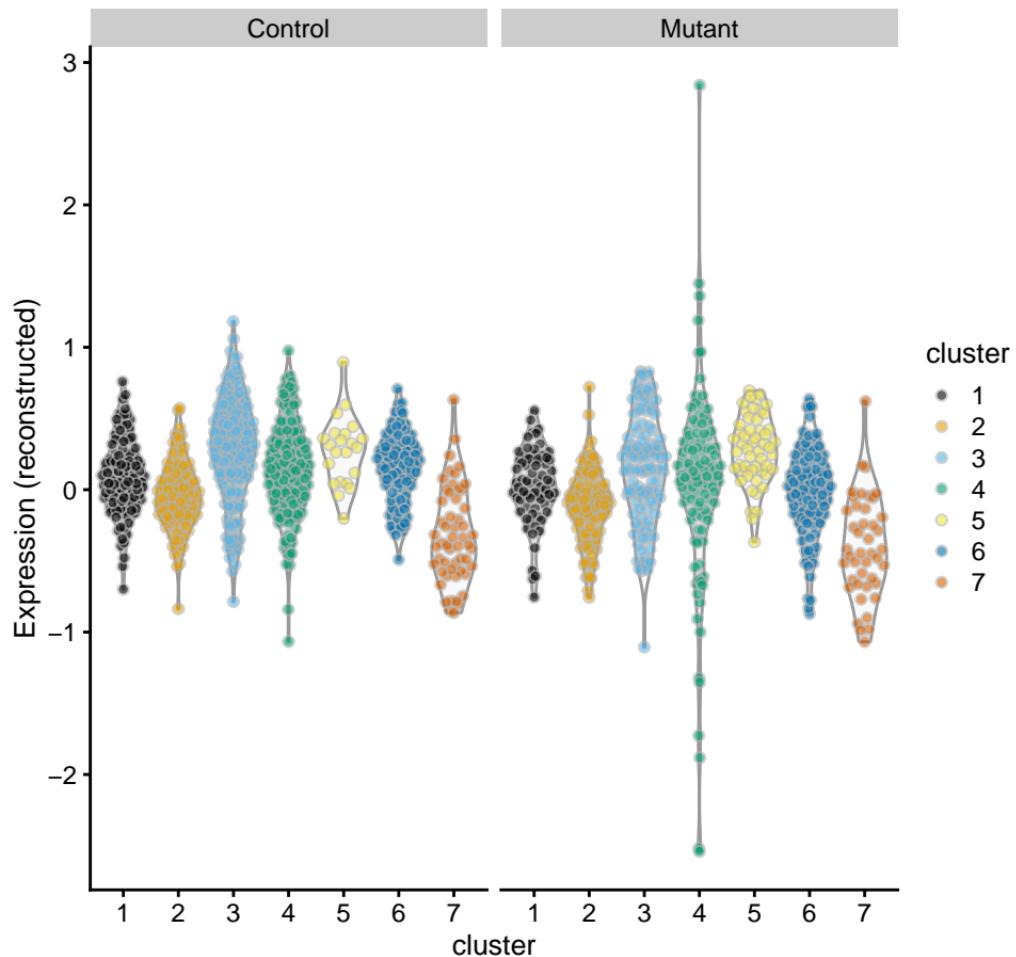
Control

Mutant

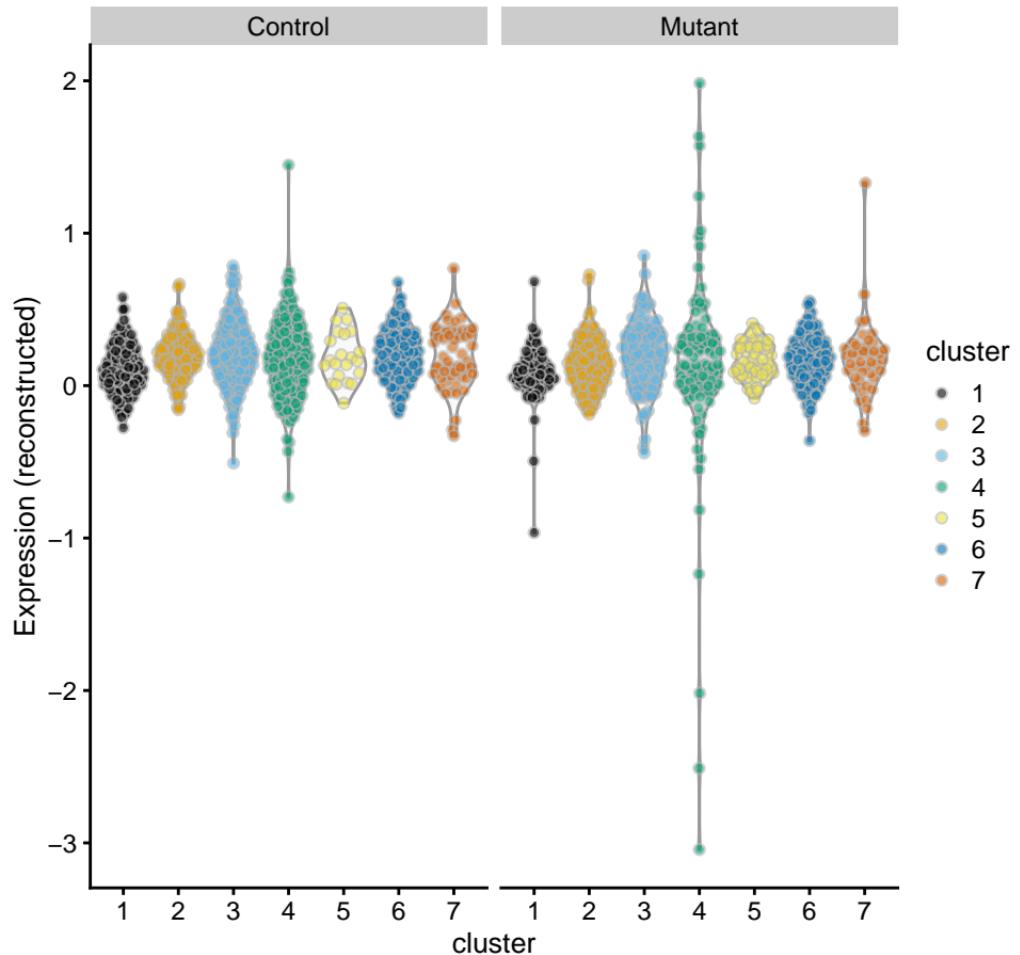
Expression (reconstructed)



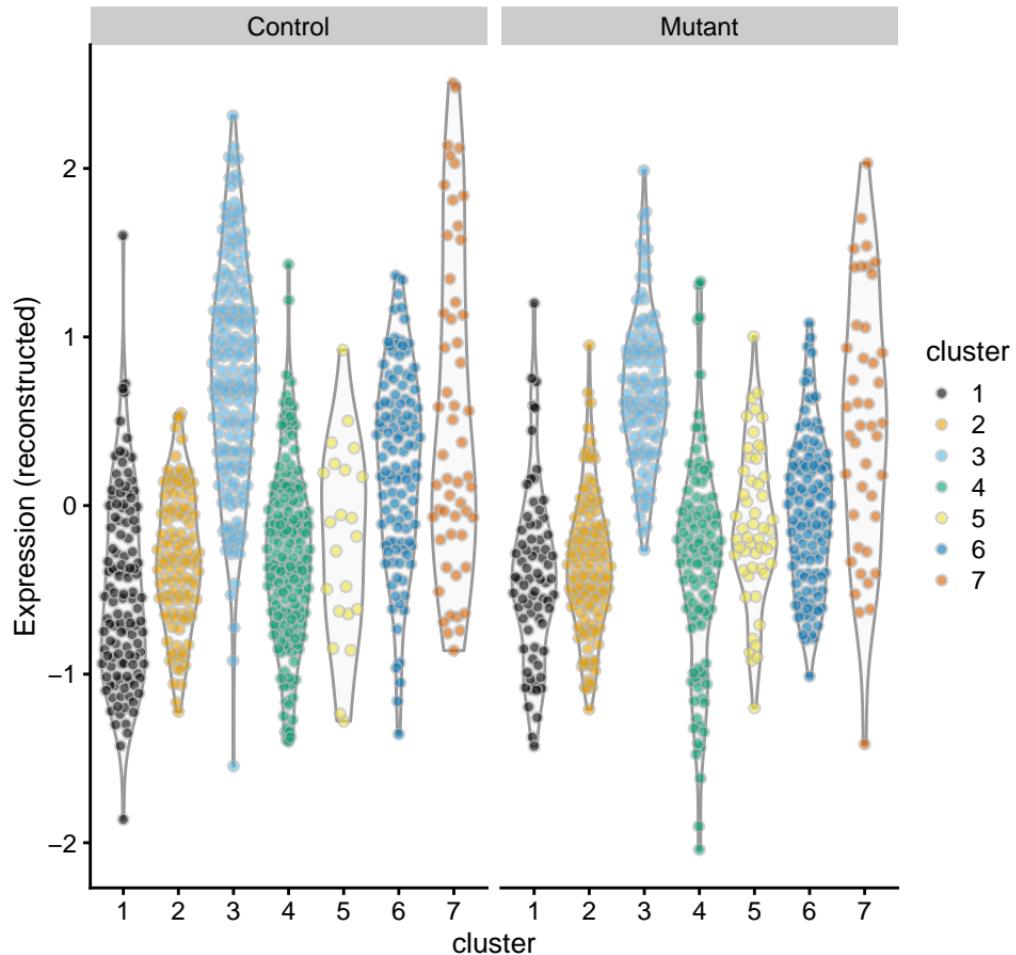
# Vwa1



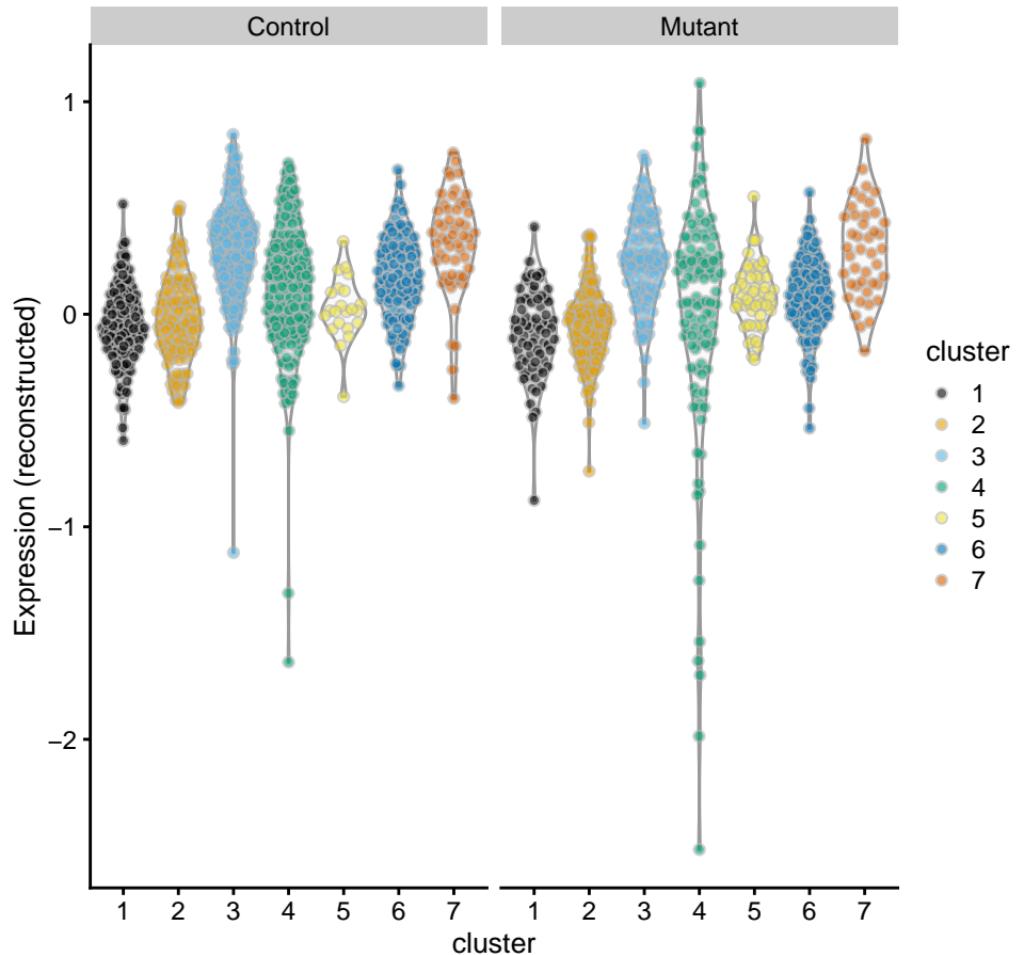
# Eng



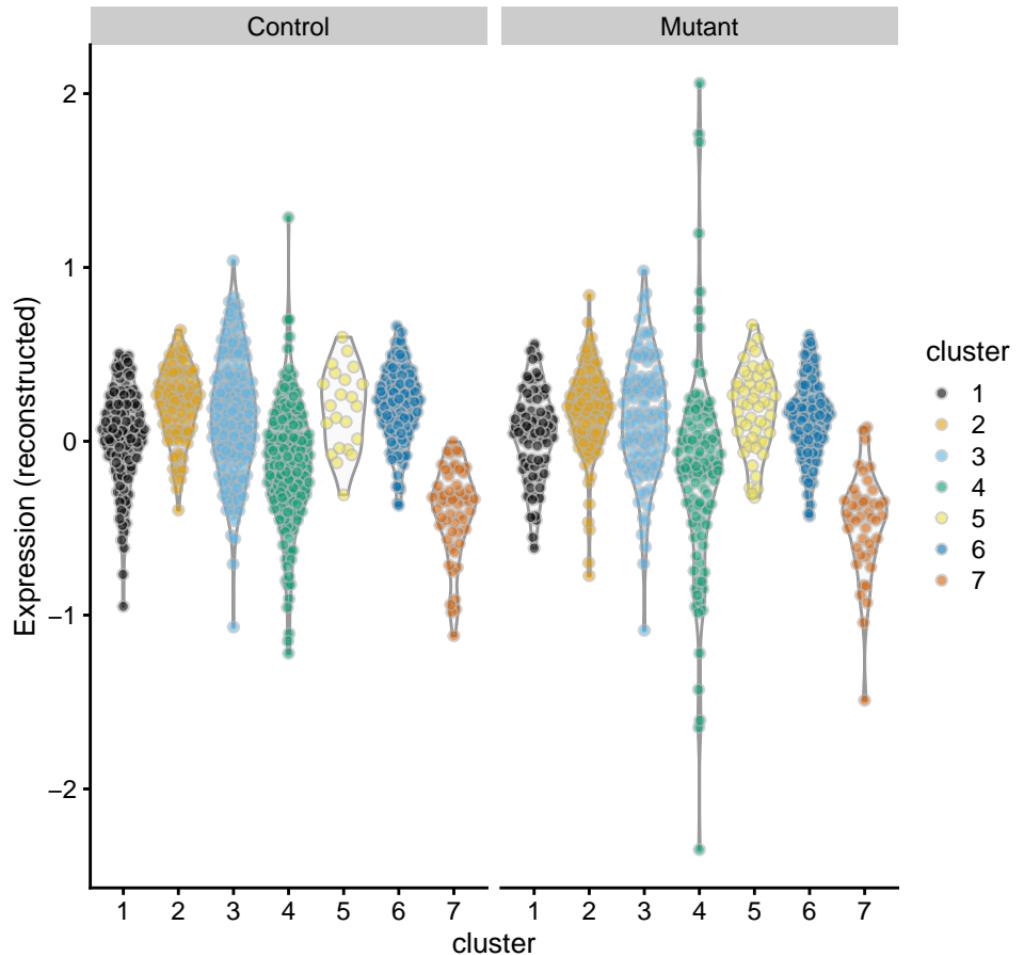
# Egr1



# Kdr



# Rgcc



# Sgk1

Control

Mutant

Expression (reconstructed)

1

0

-1

1

2

3

4

5

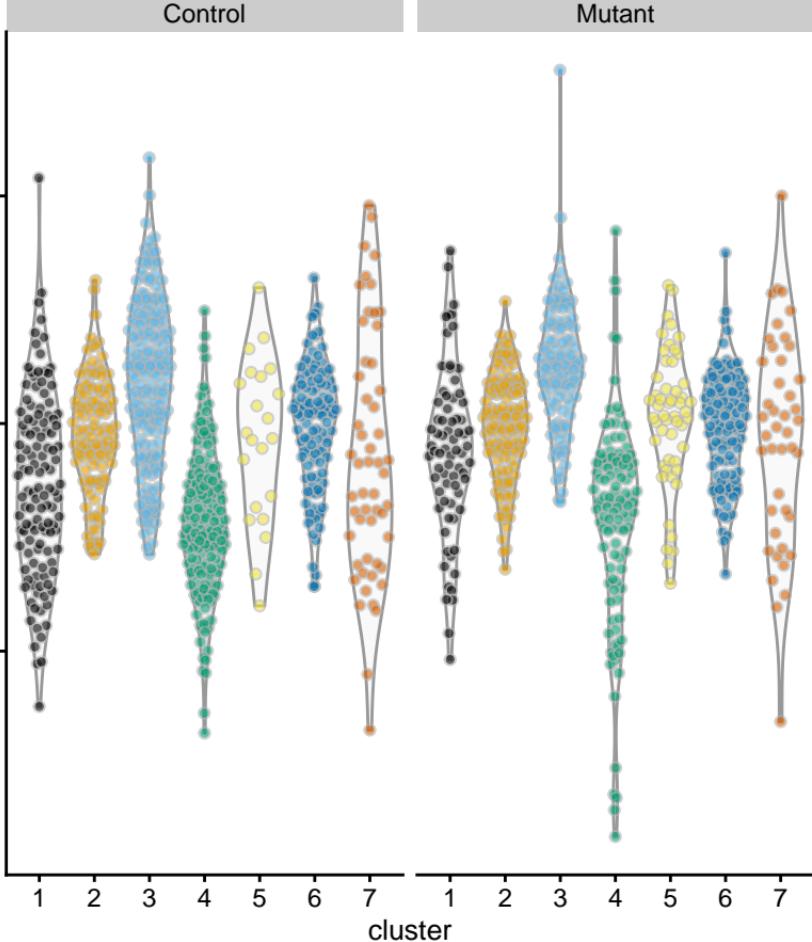
6

7

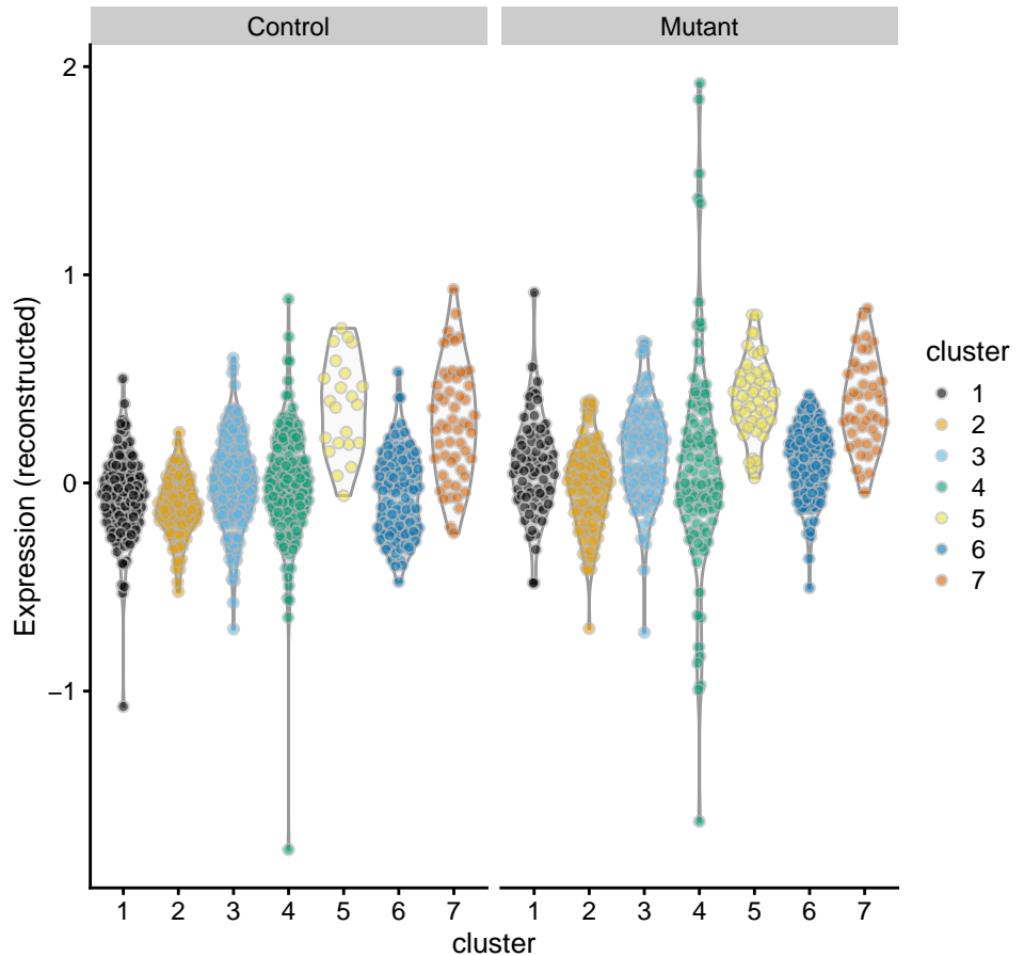
cluster

cluster

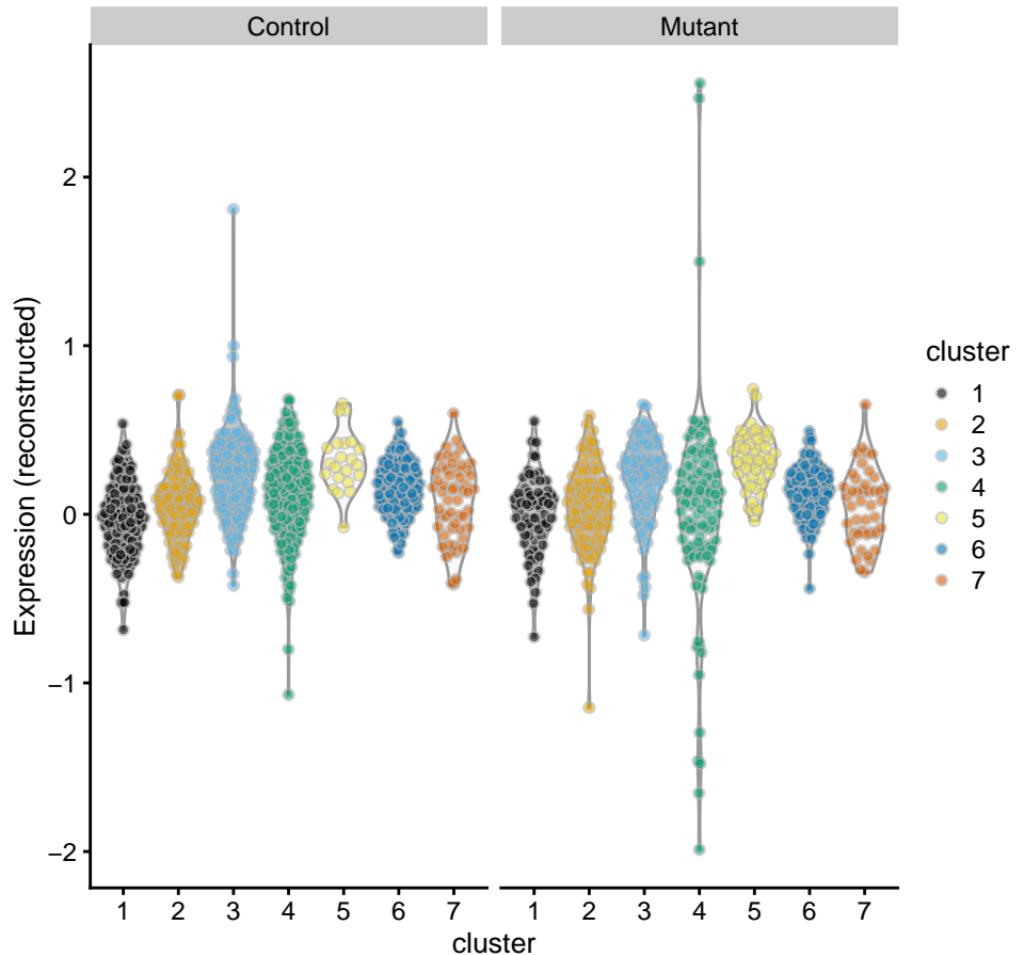
- 1
- 2
- 3
- 4
- 5
- 6
- 7



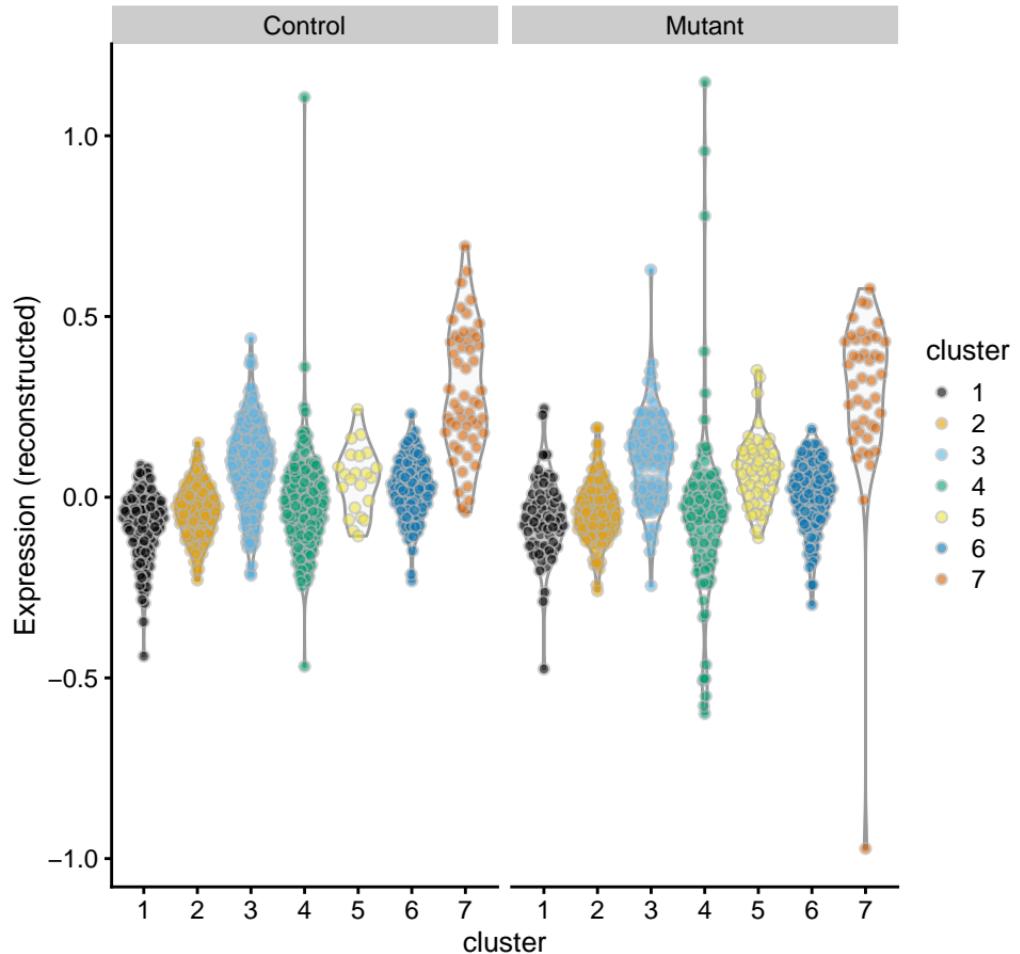
# Cd200



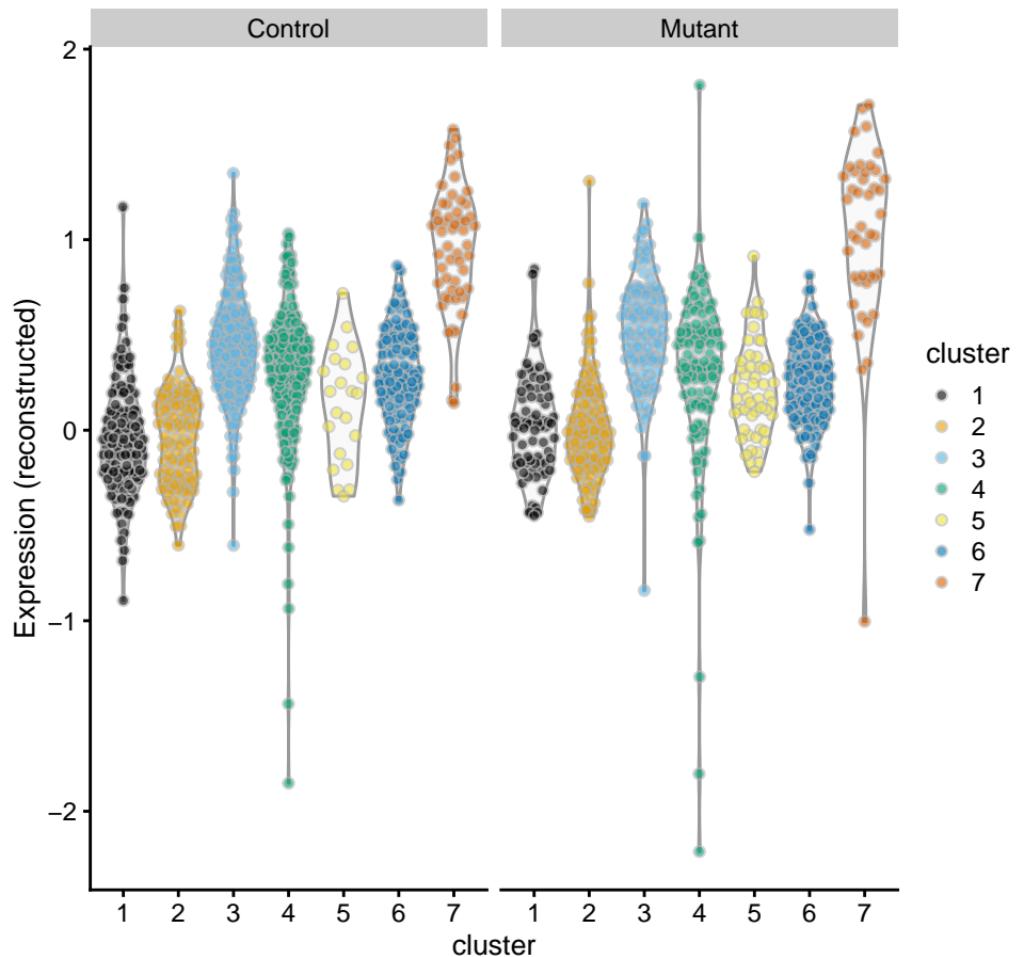
**BC028528**



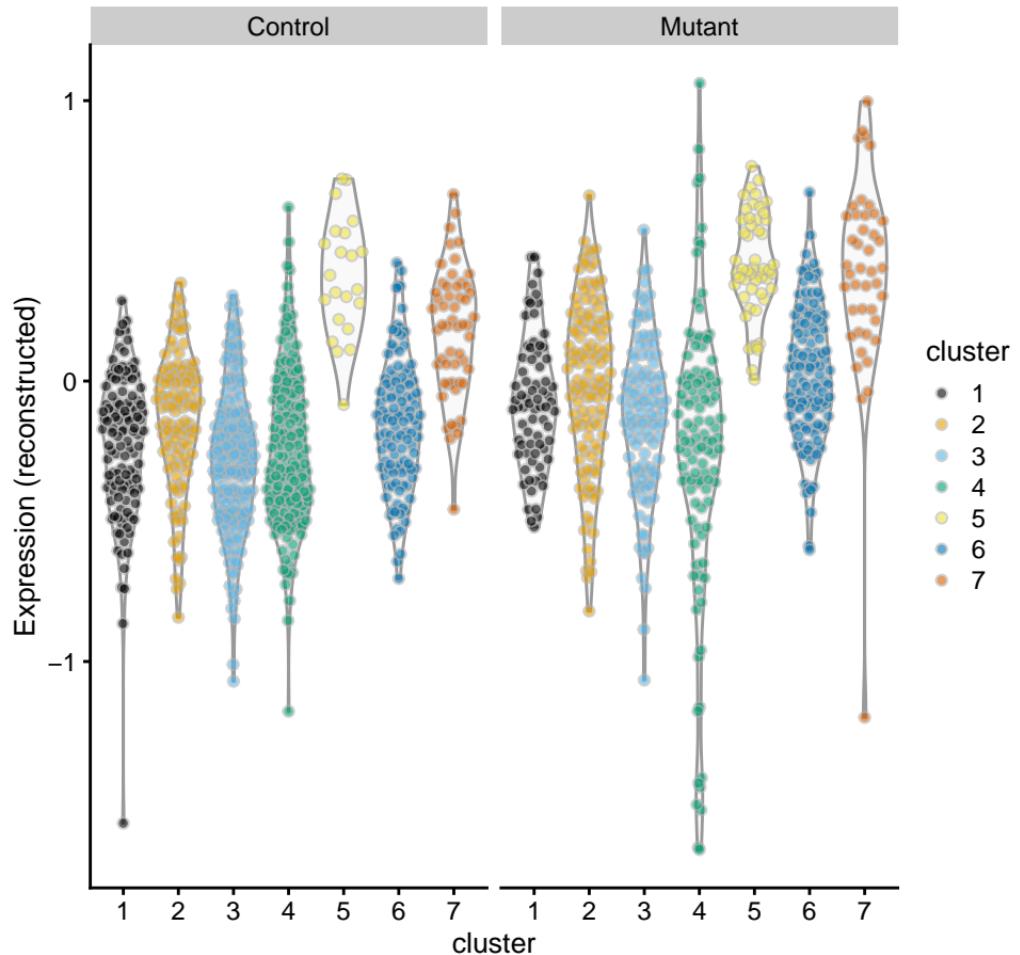
# Edn1



# Epas1



# Cav1



# Spock2

Control

Mutant

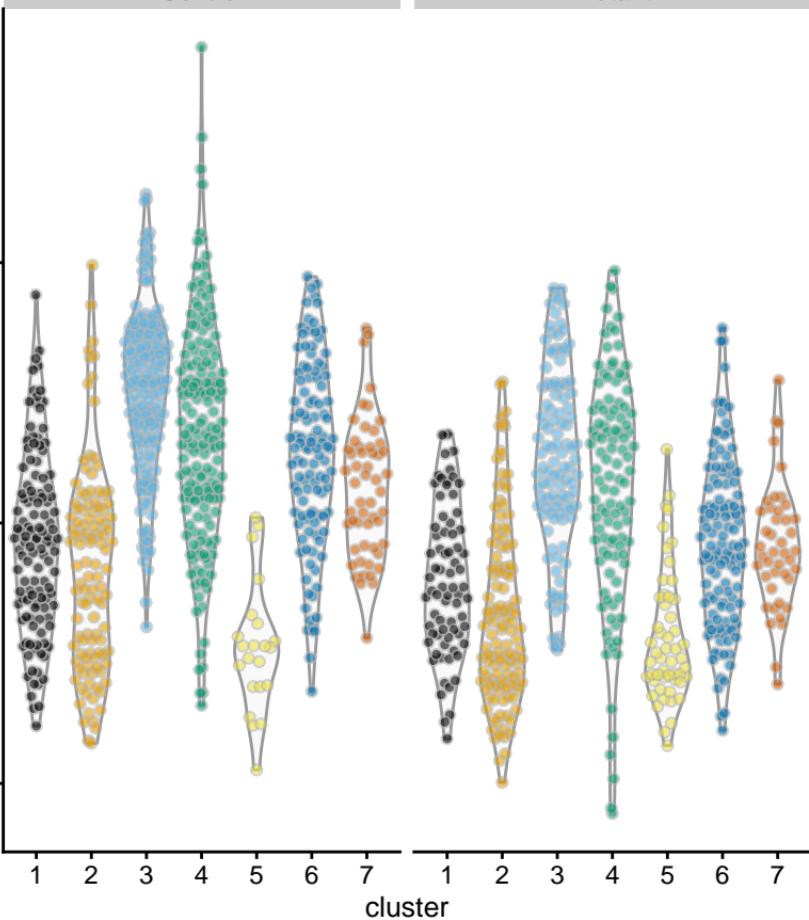
Expression (reconstructed)

2  
0  
-2

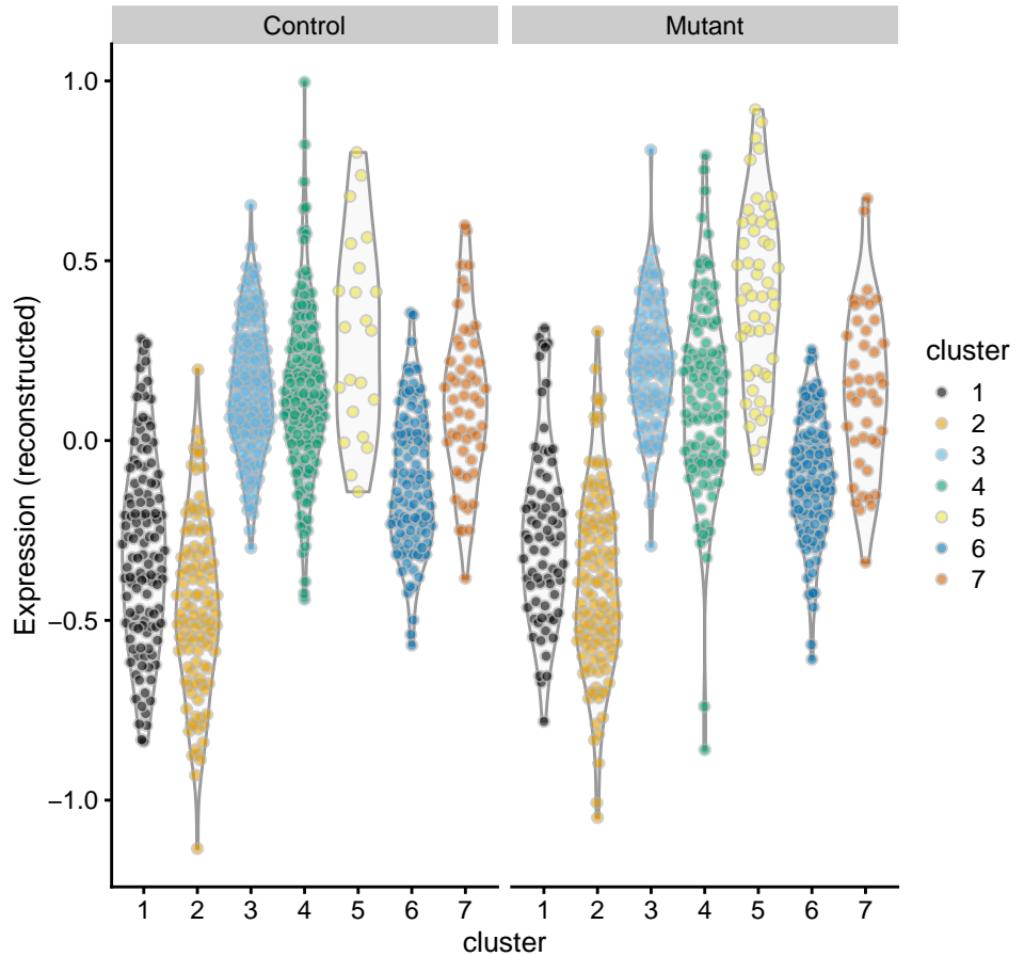
1 2 3 4 5 6 7

cluster

cluster  
1  
2  
3  
4  
5  
6  
7



# Sparc



# Sparcl1

Control

Mutant

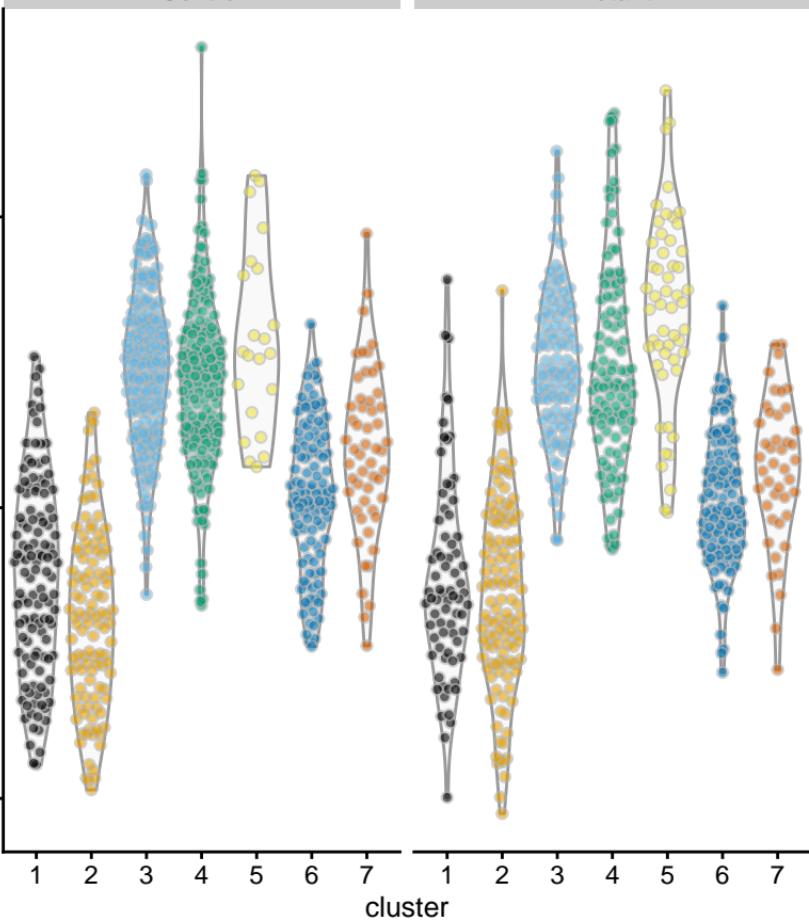
Expression (reconstructed)

-1  
0  
1

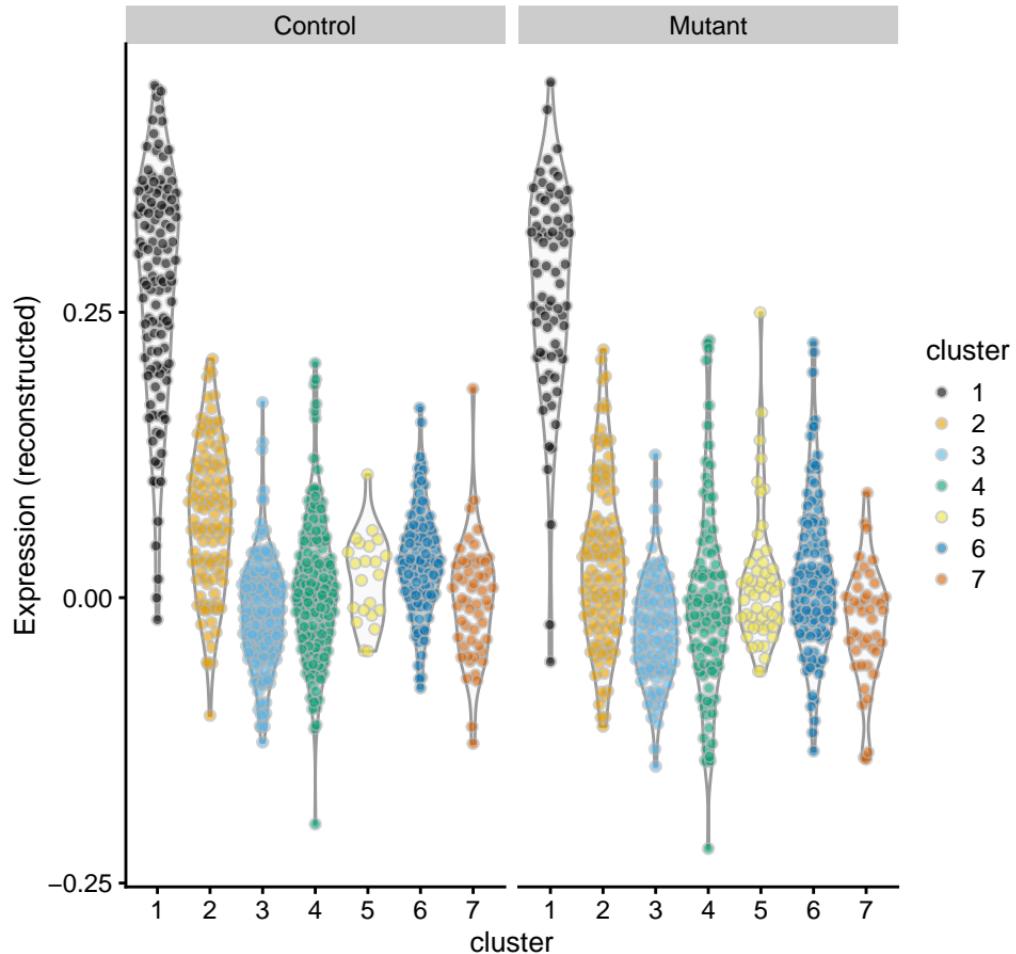
1 2 3 4 5 6 7 1 2 3 4 5 6 7

cluster

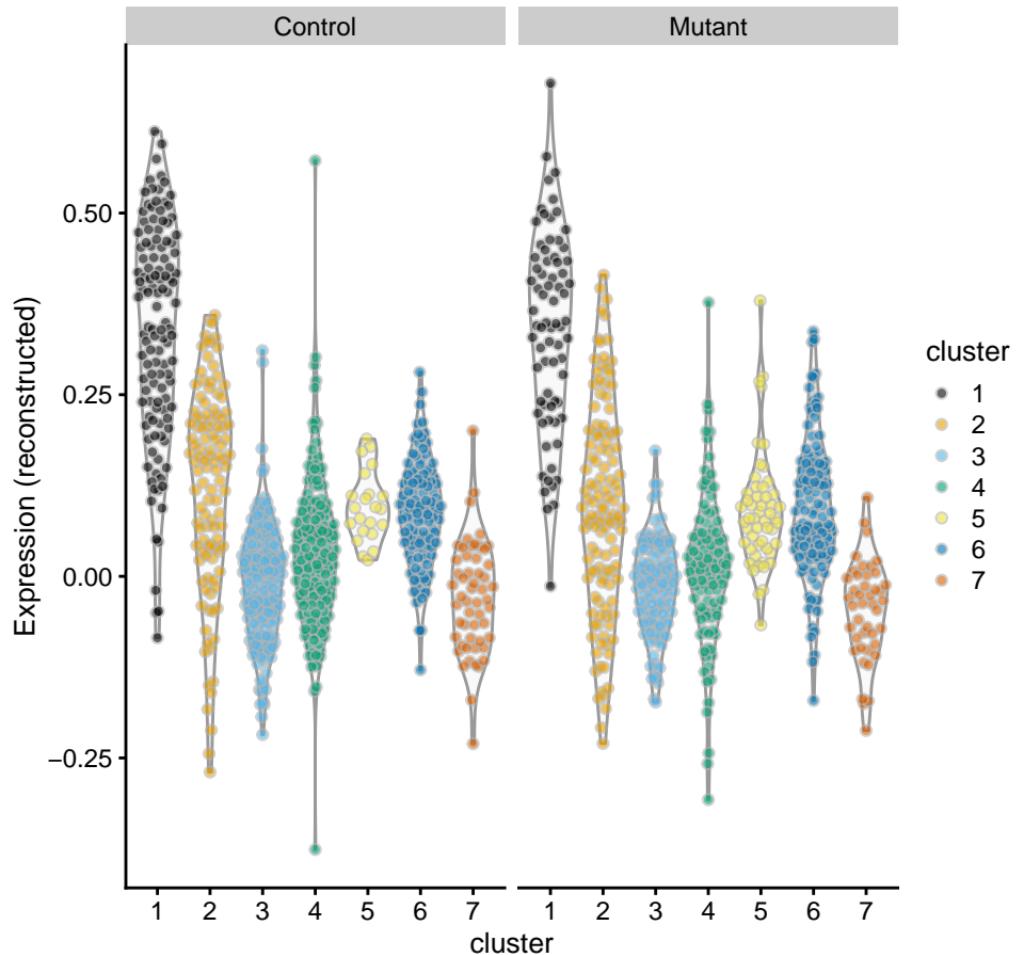
cluster  
1  
2  
3  
4  
5  
6  
7



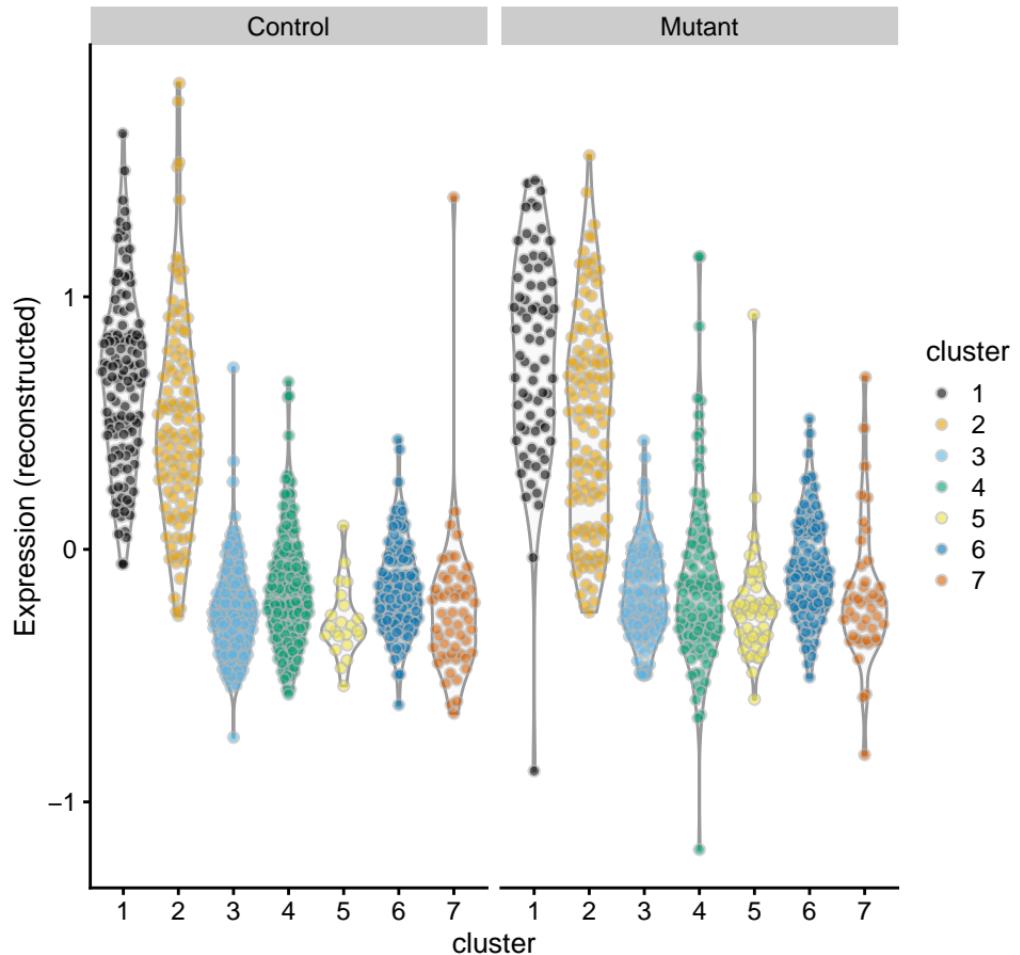
# Ccne1



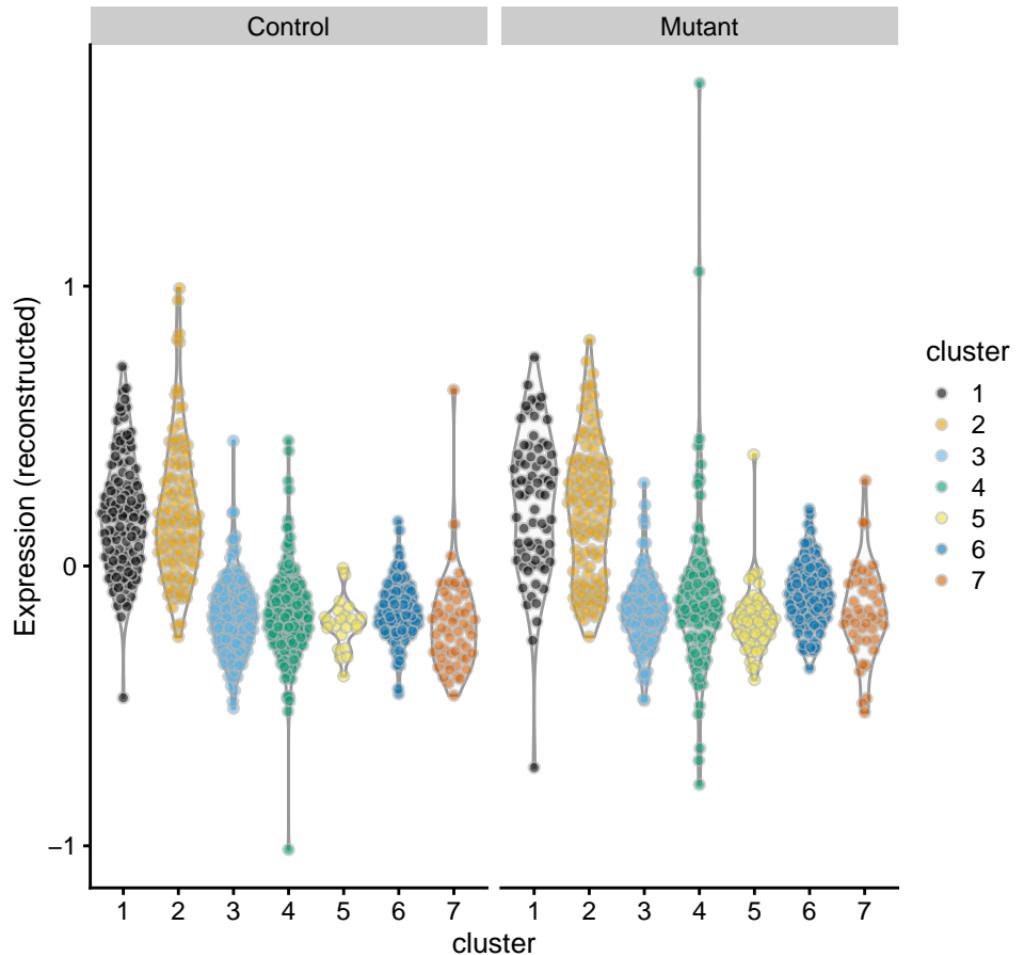
# Ccne2



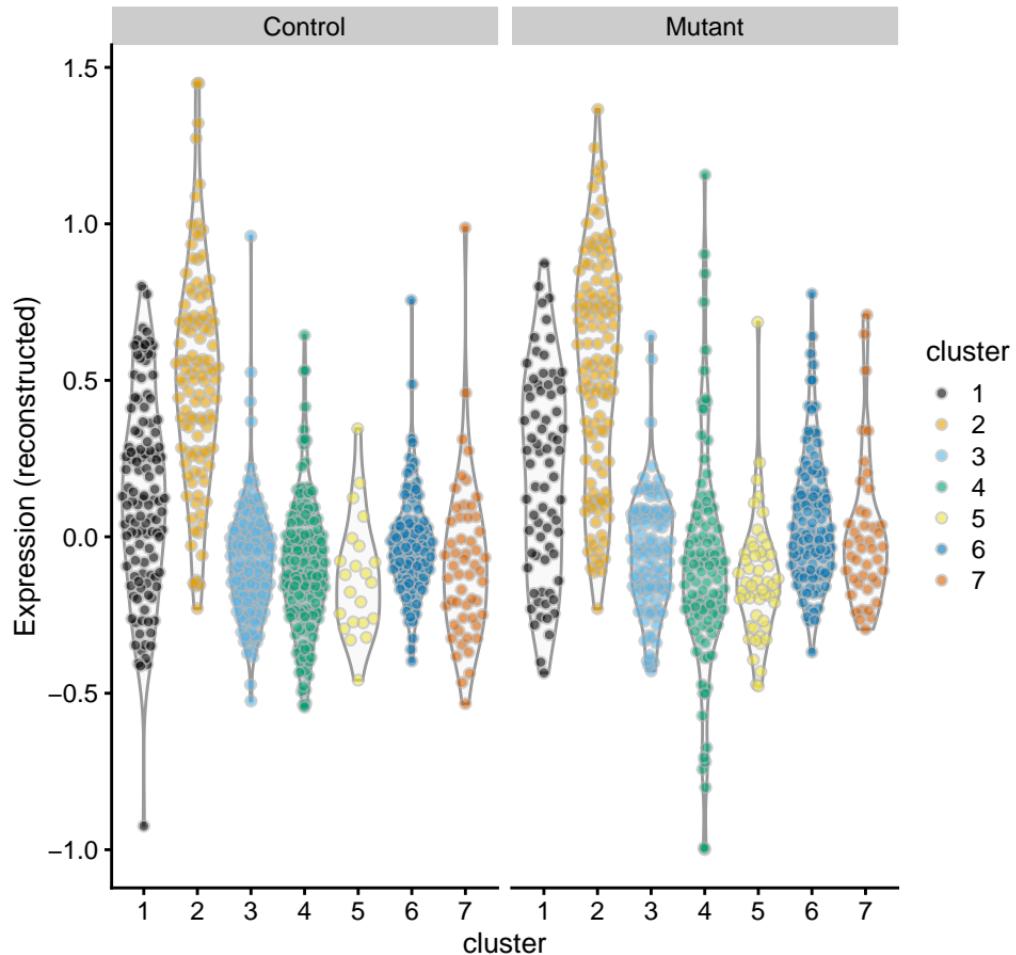
# Ccna2



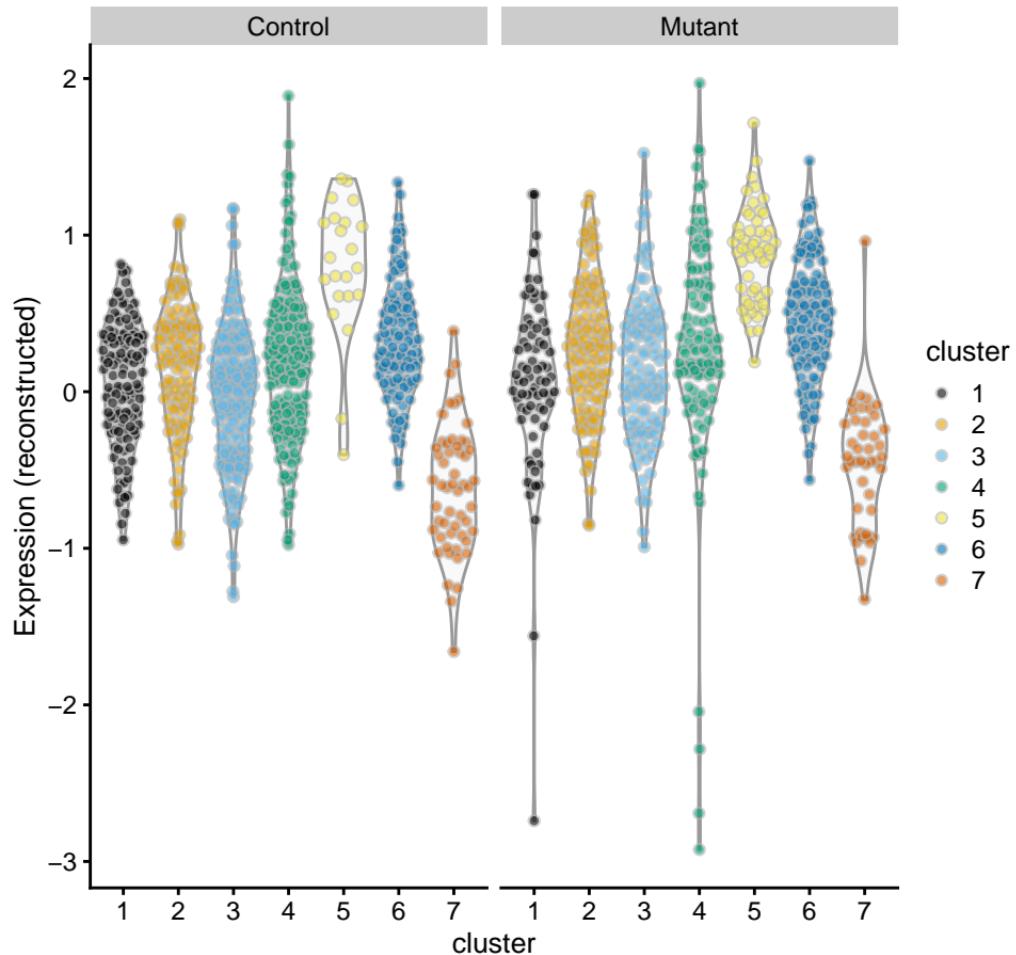
# Ccnb1



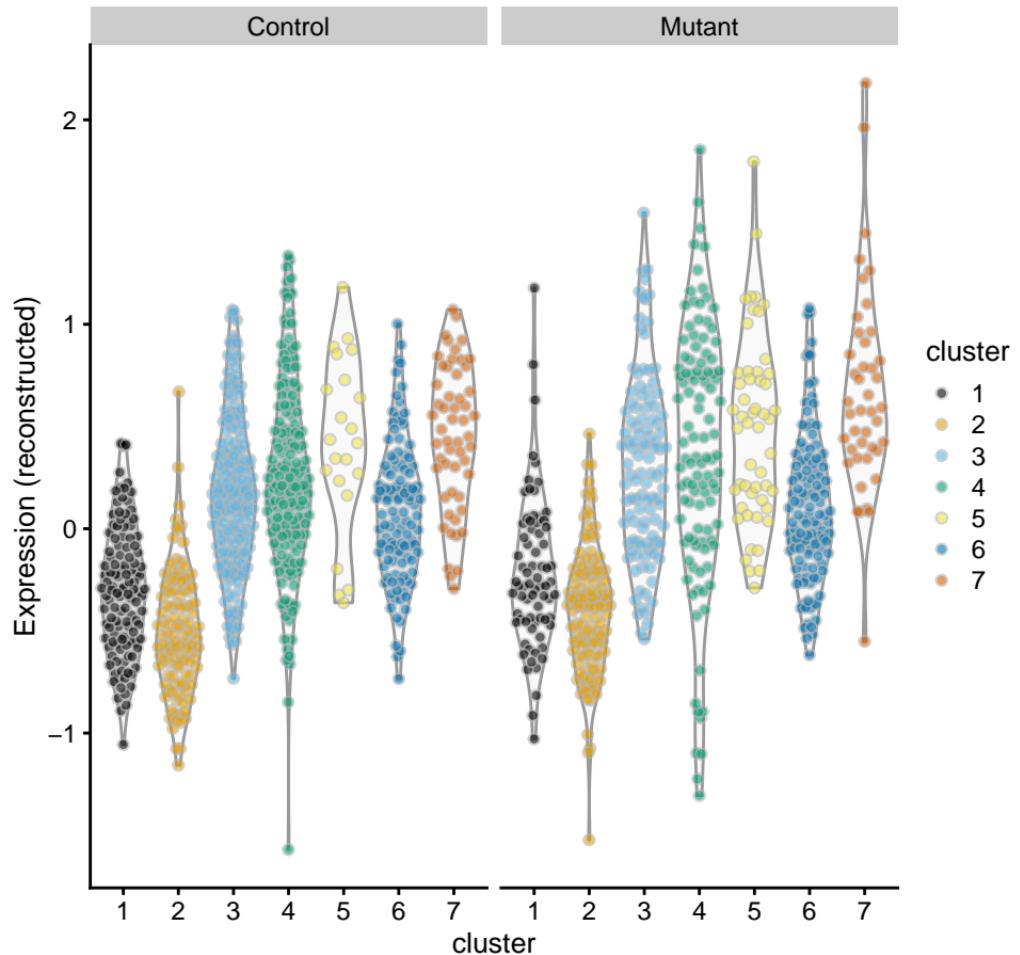
# Ccnb2



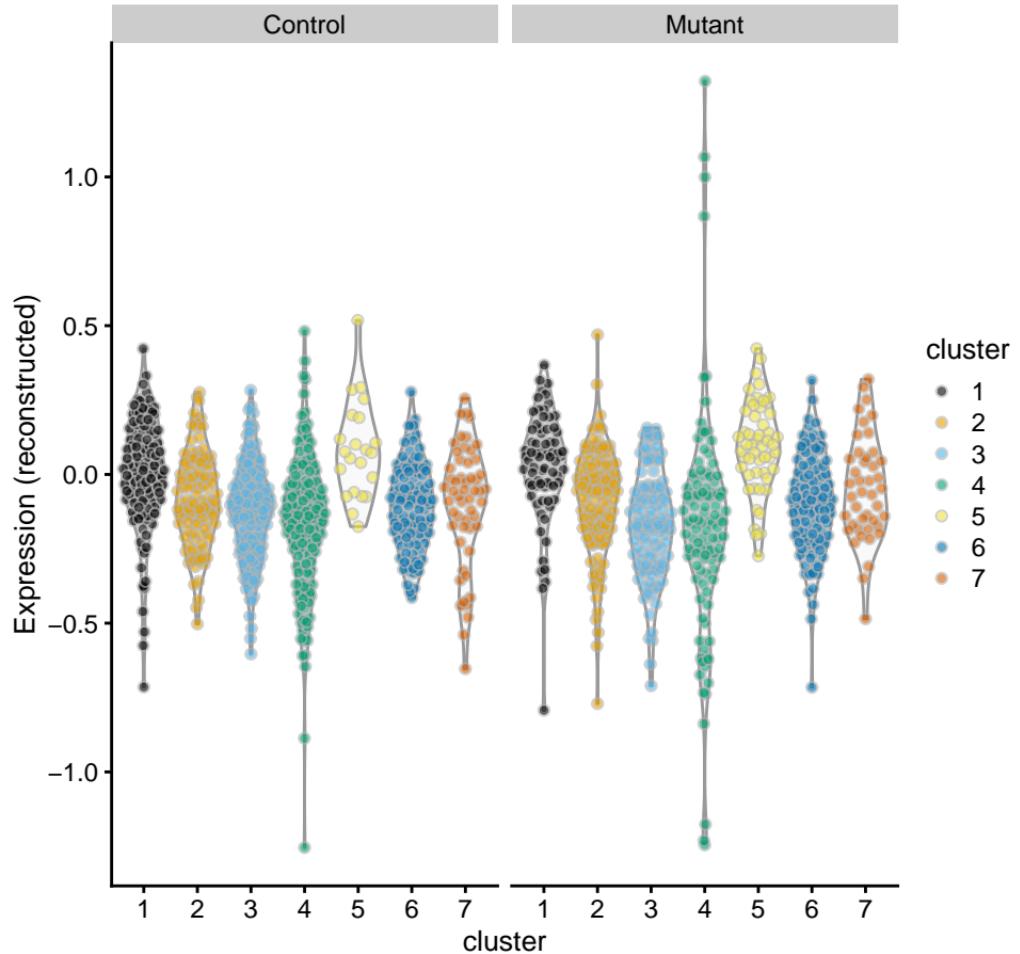
# Ccnd1



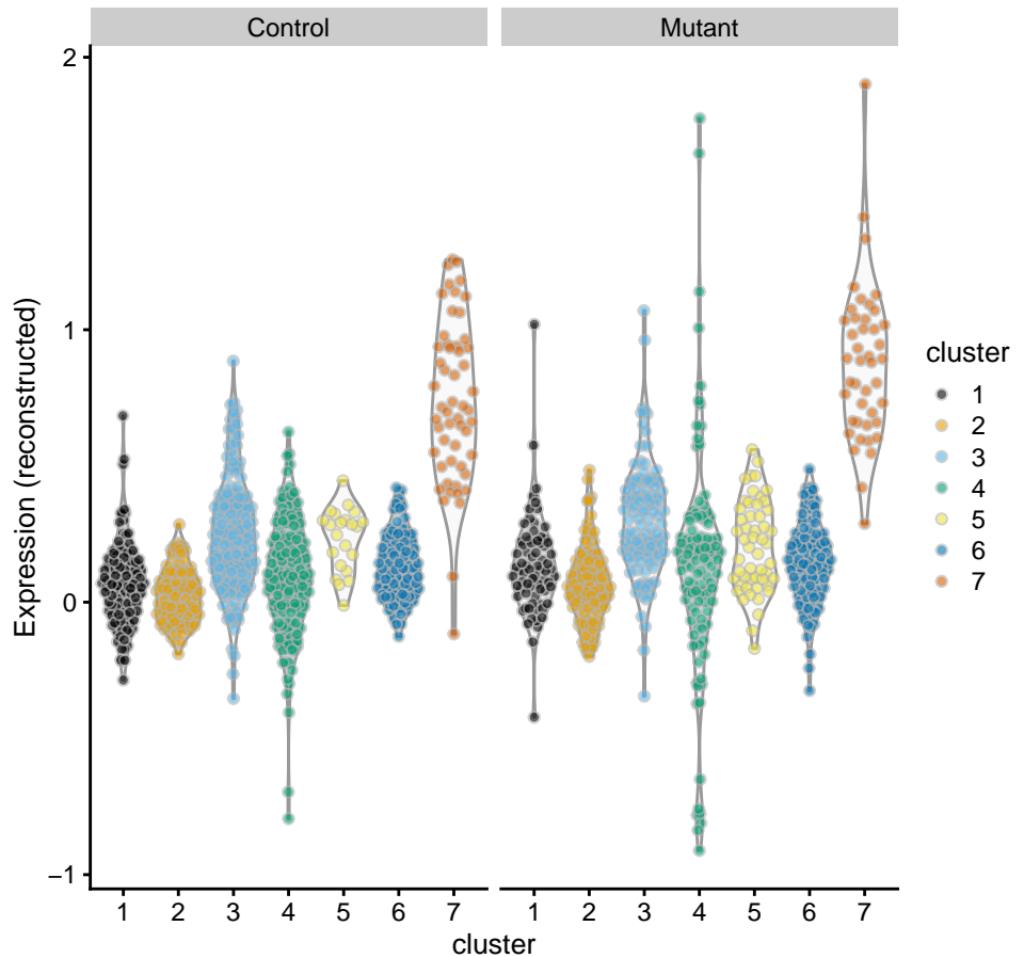
# Ccnd2



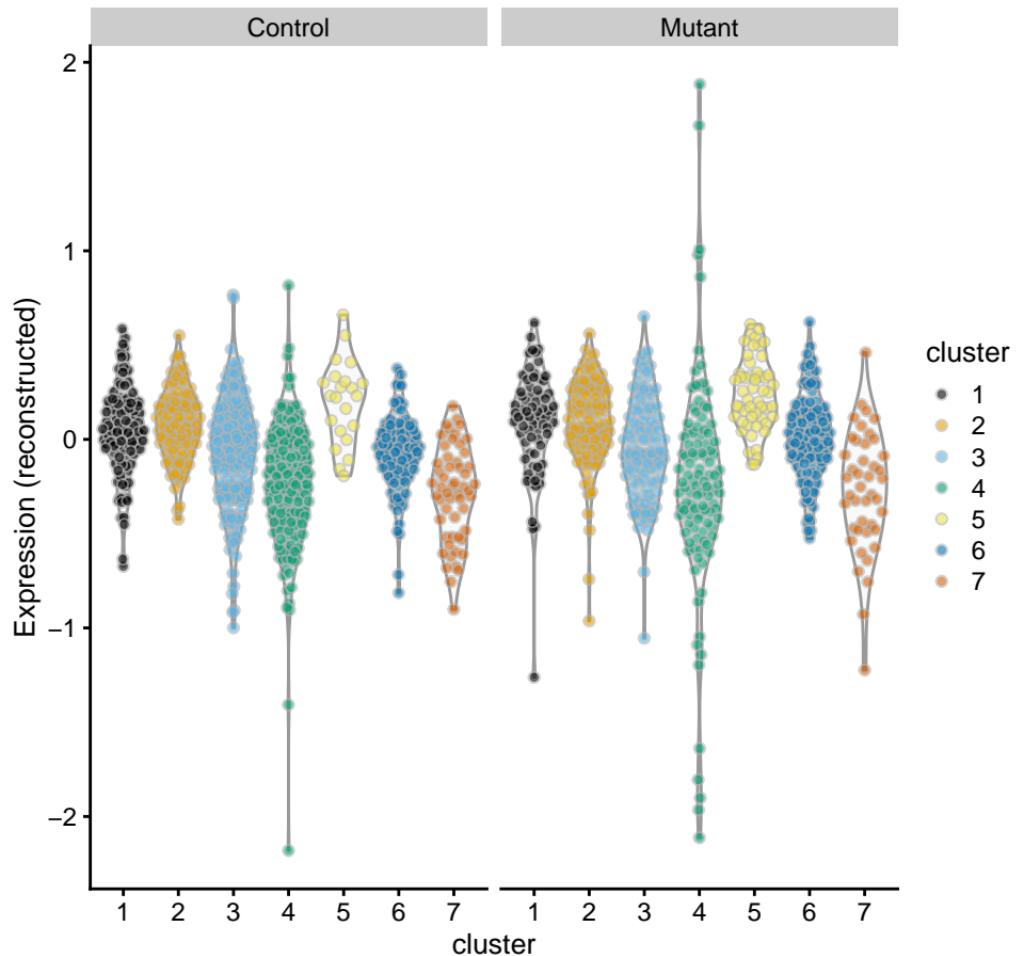
# Ccnd3



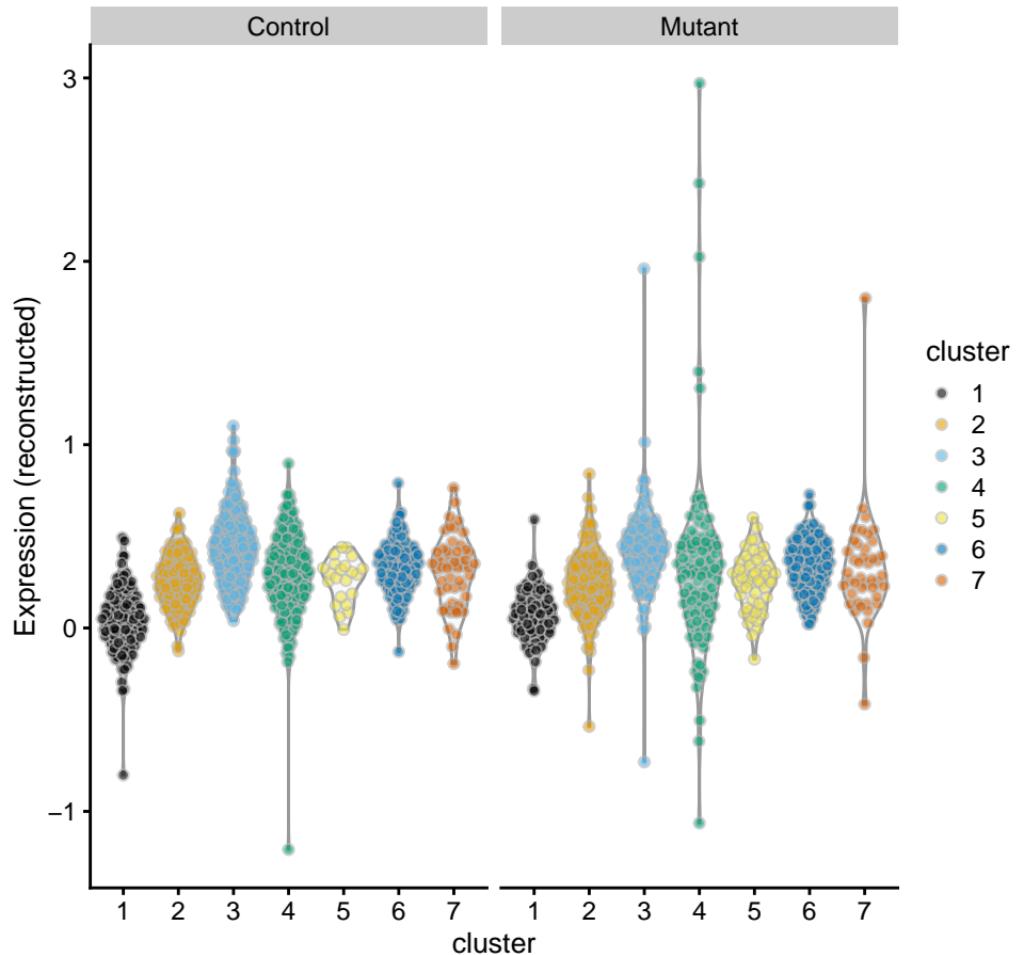
# Jag1



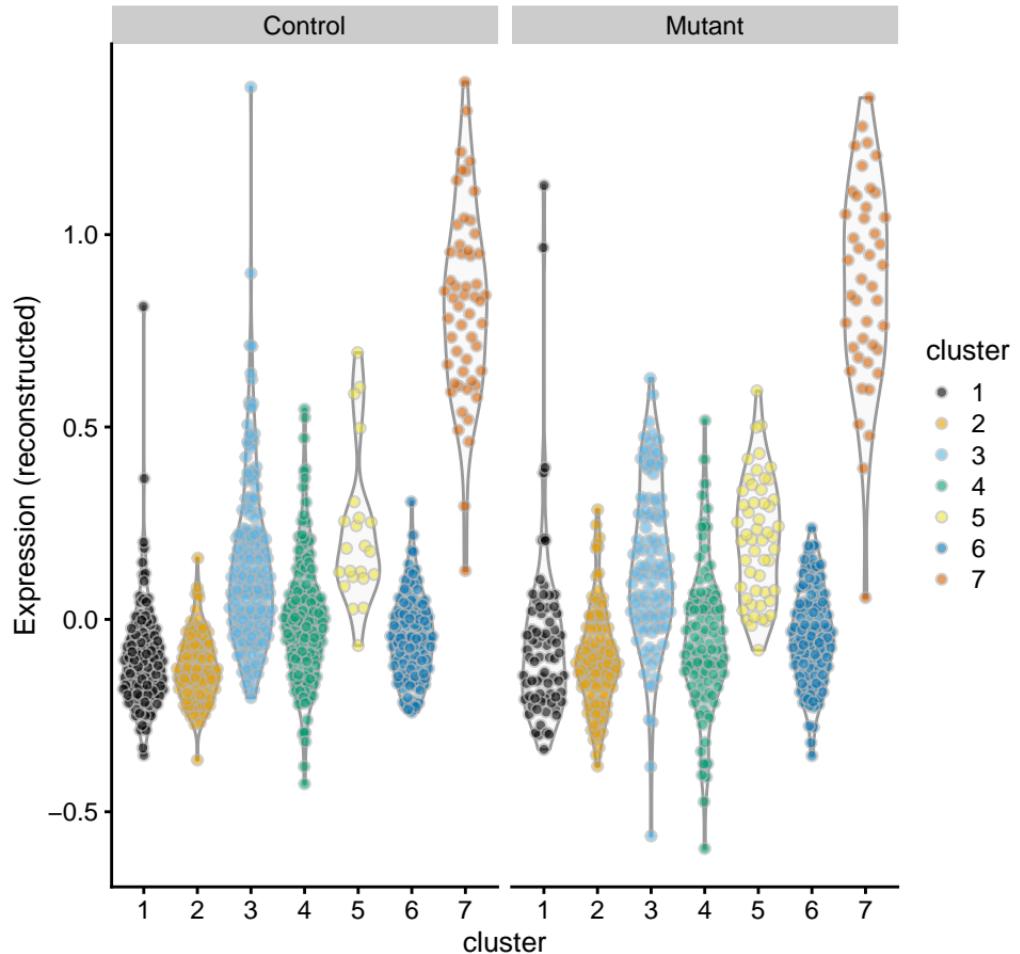
# Nrarp



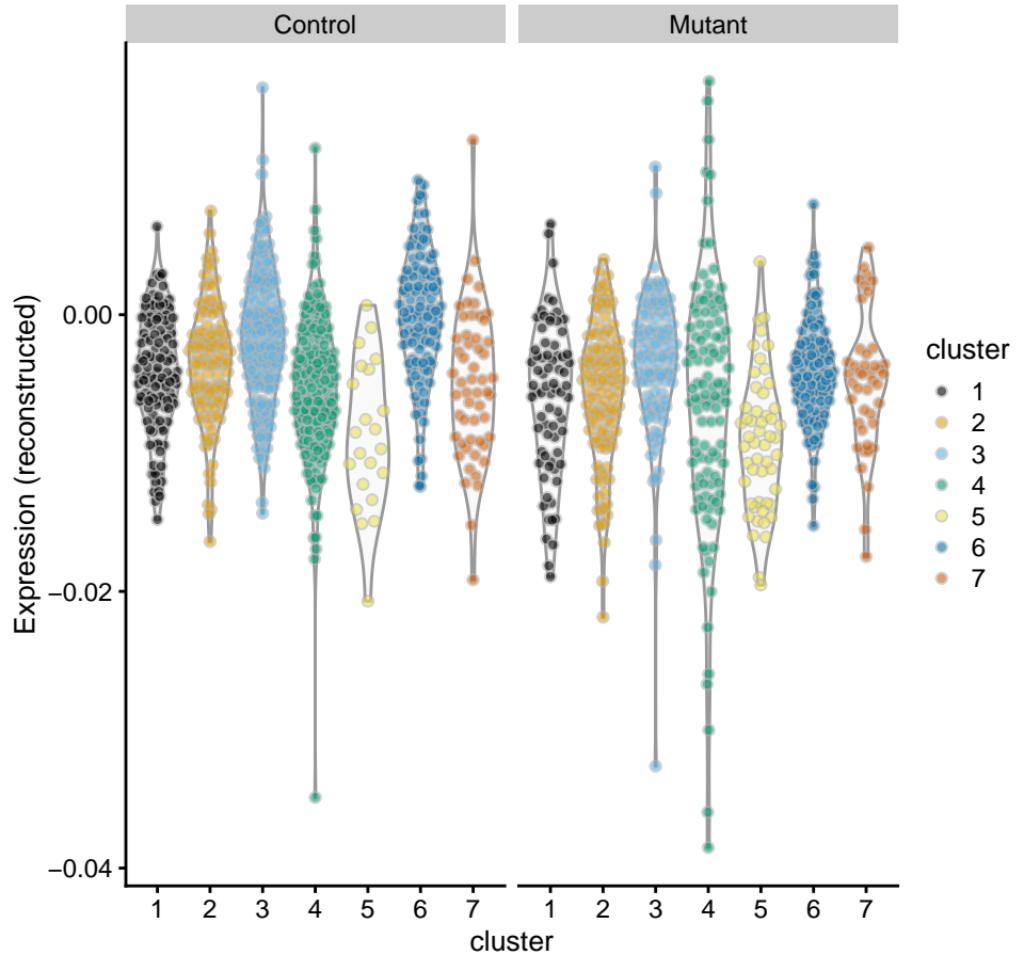
# Hes1



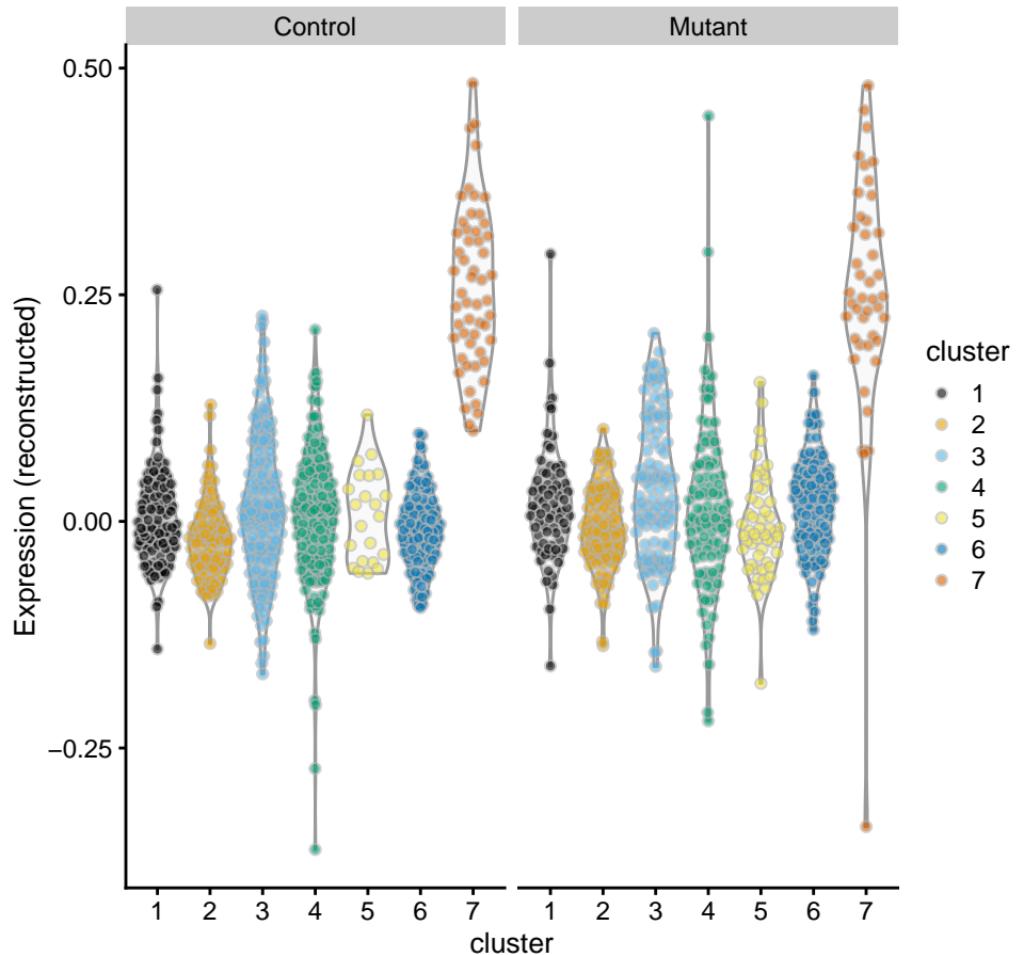
# Hey1



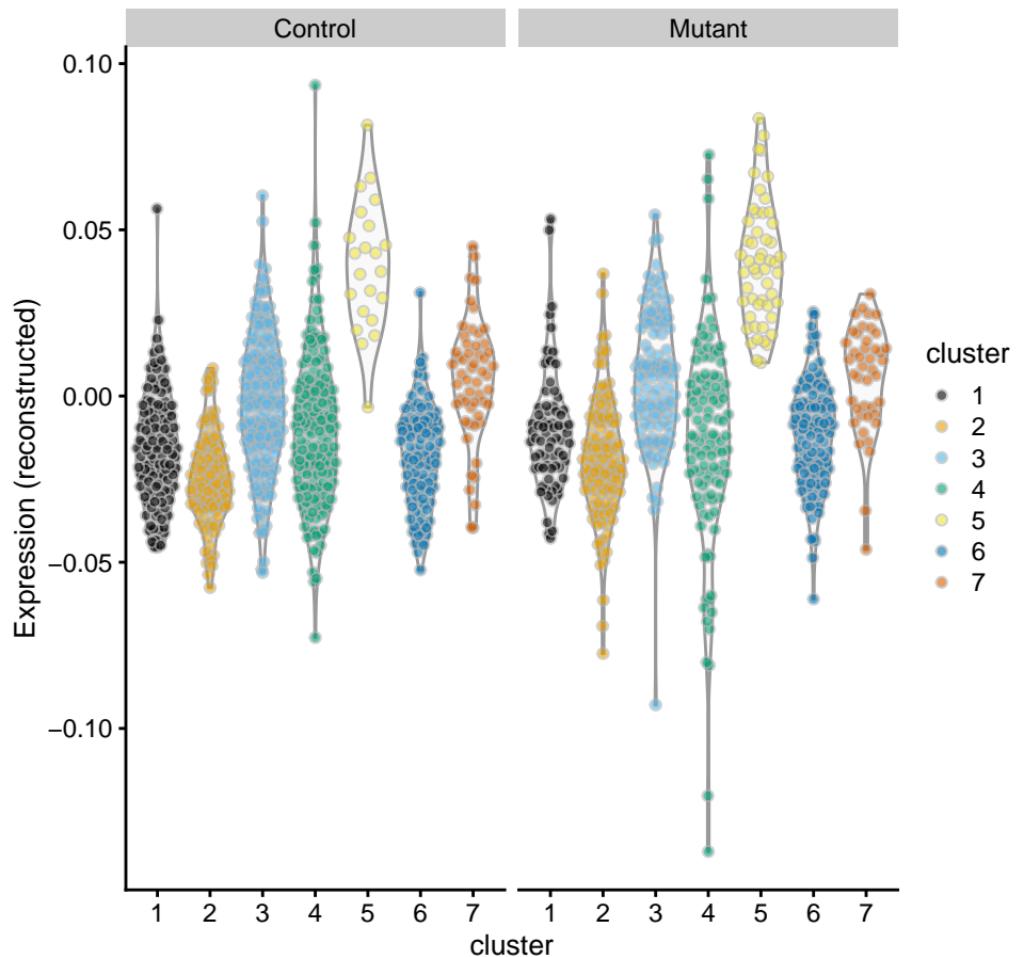
# Ackr1



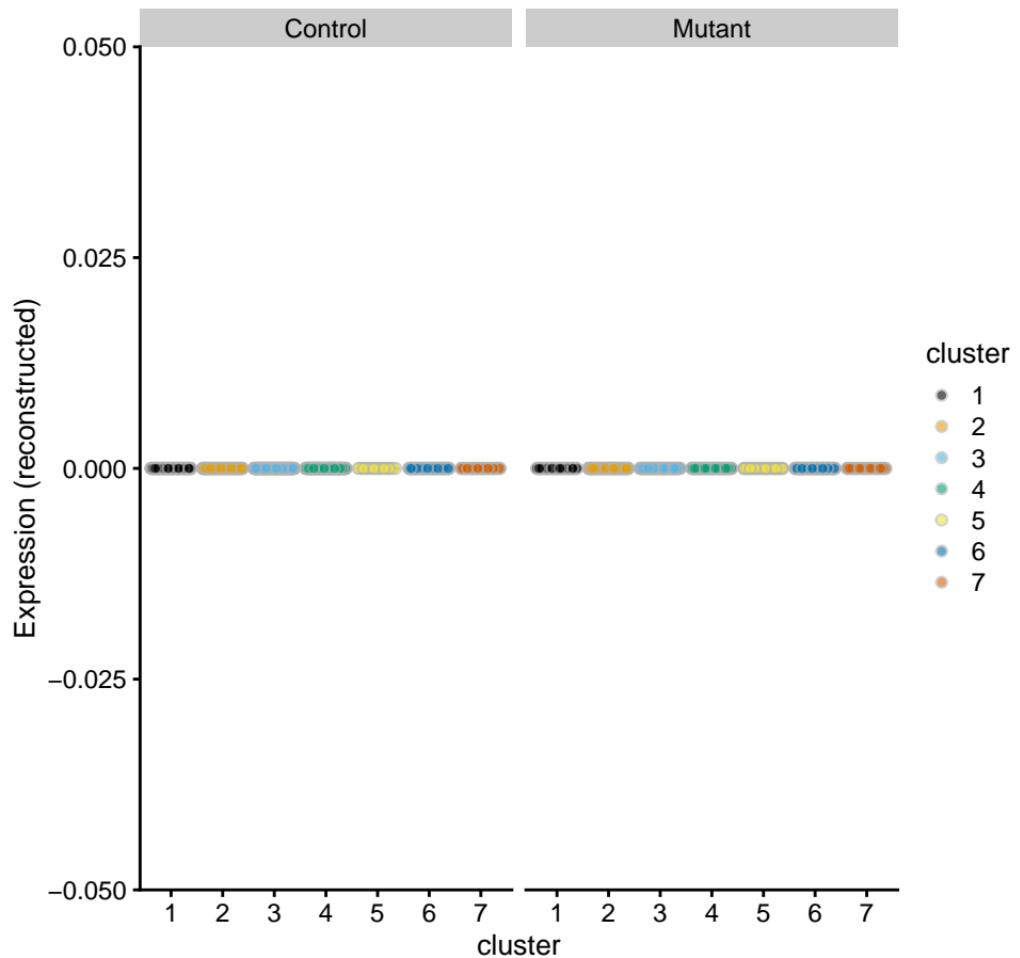
# Aqp1



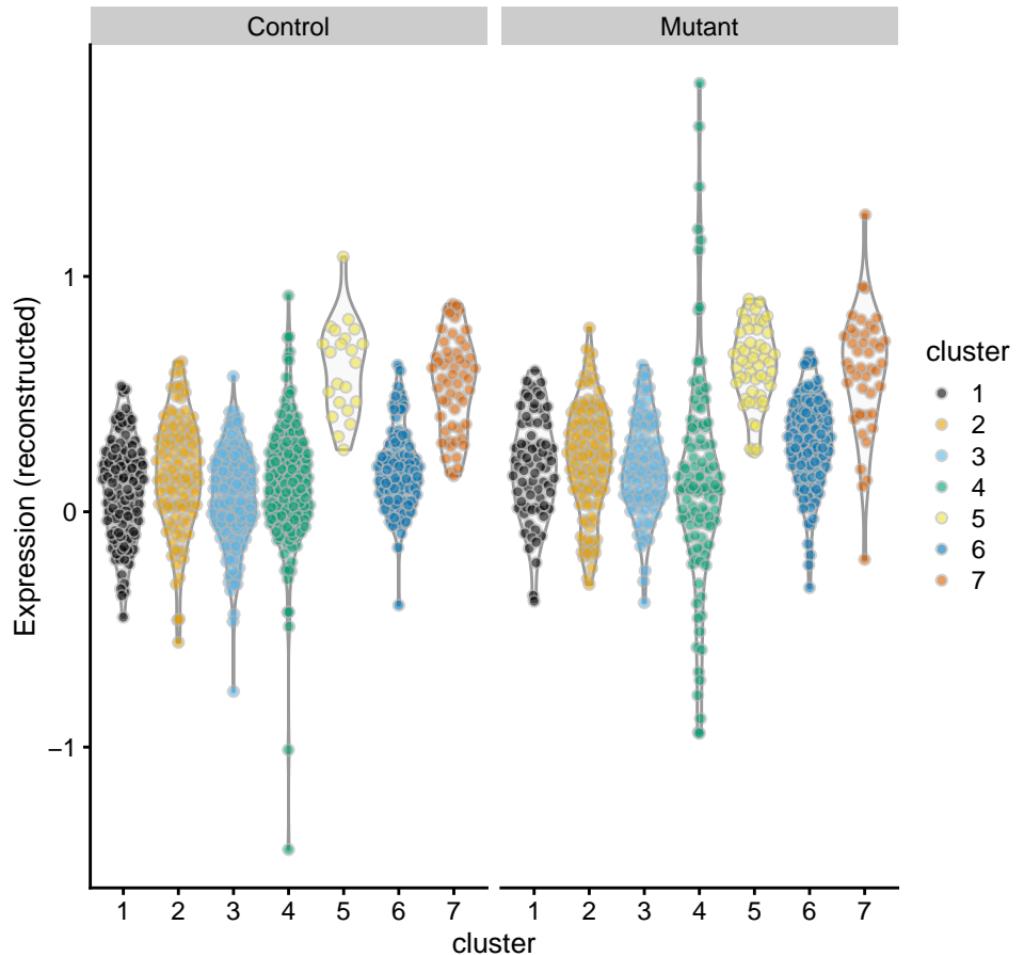
# C1qtnf9



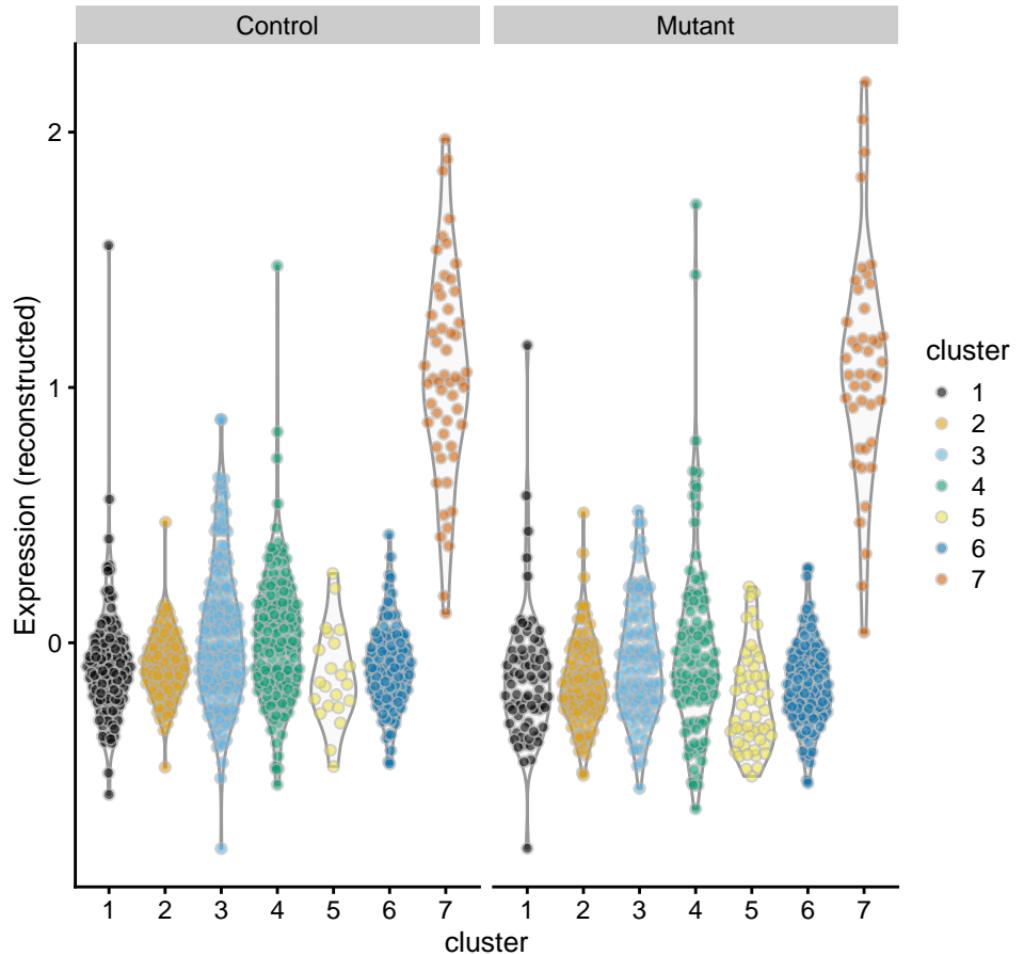
# Cd36



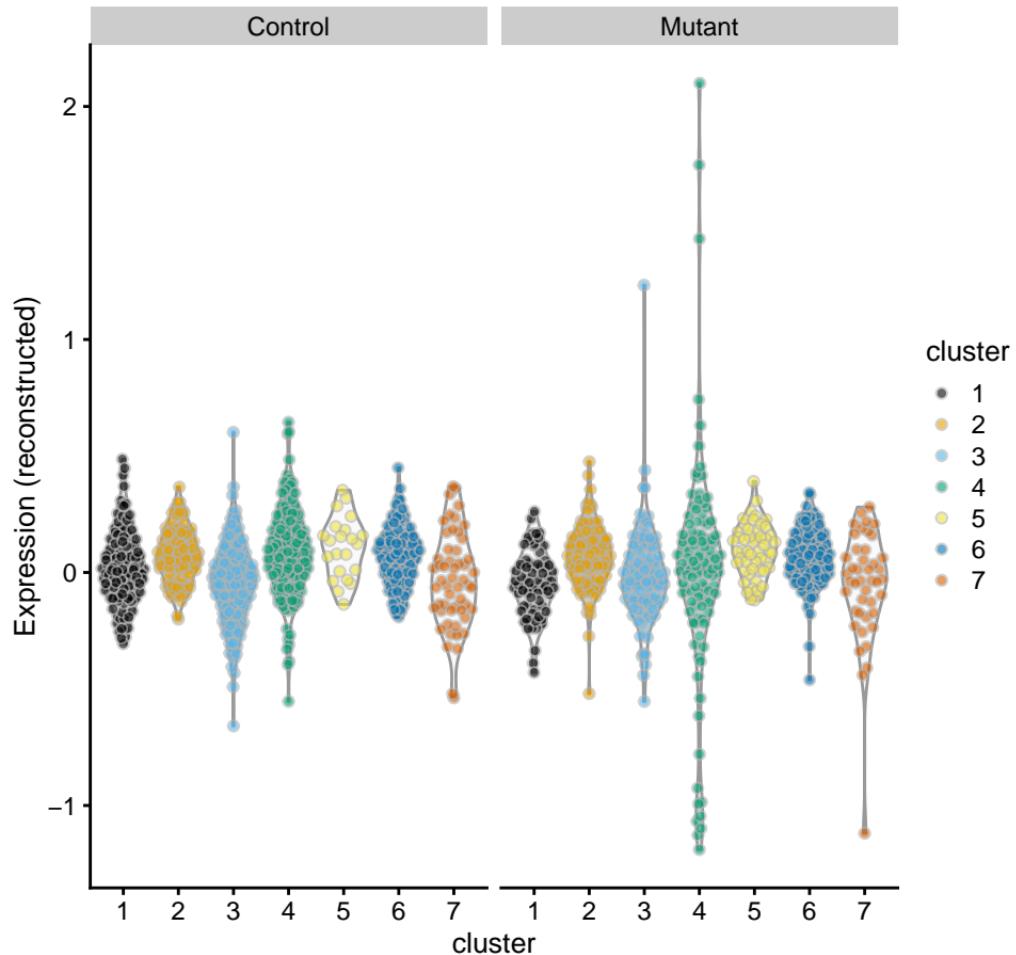
# Ehd4



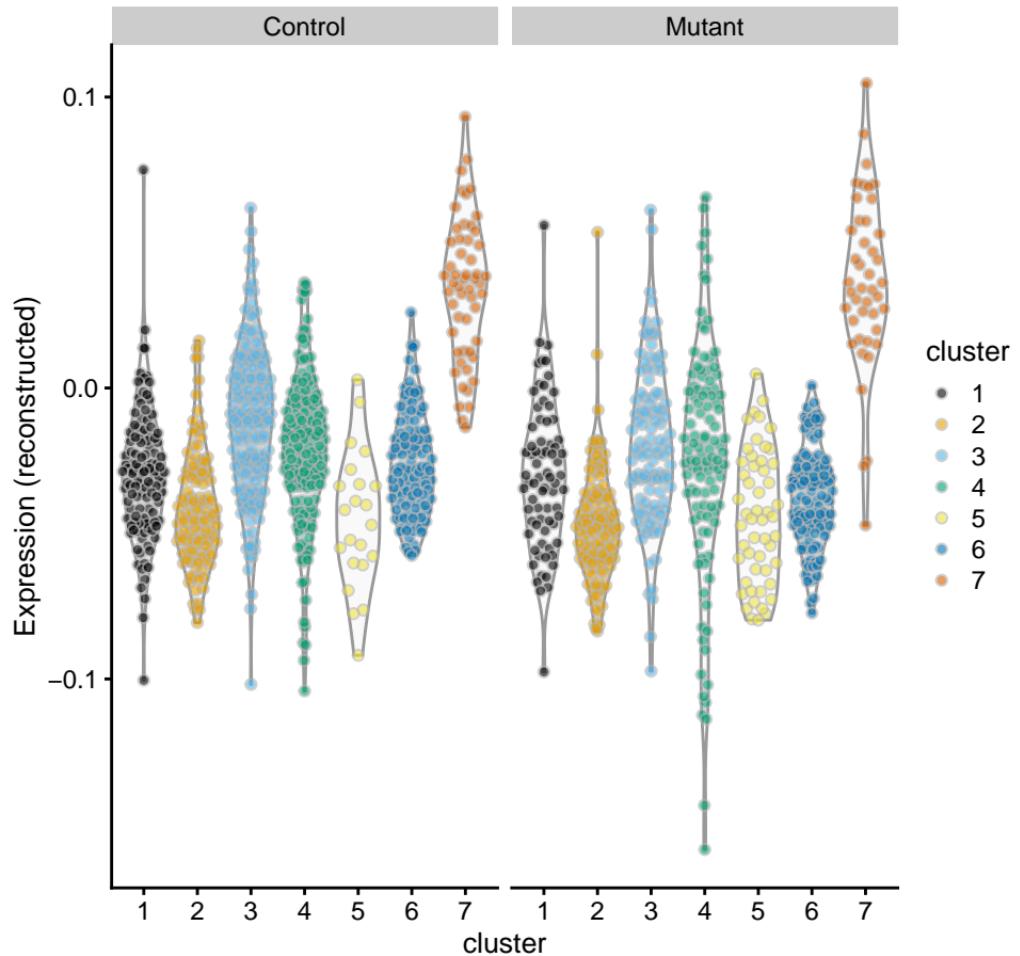
# Fbln5



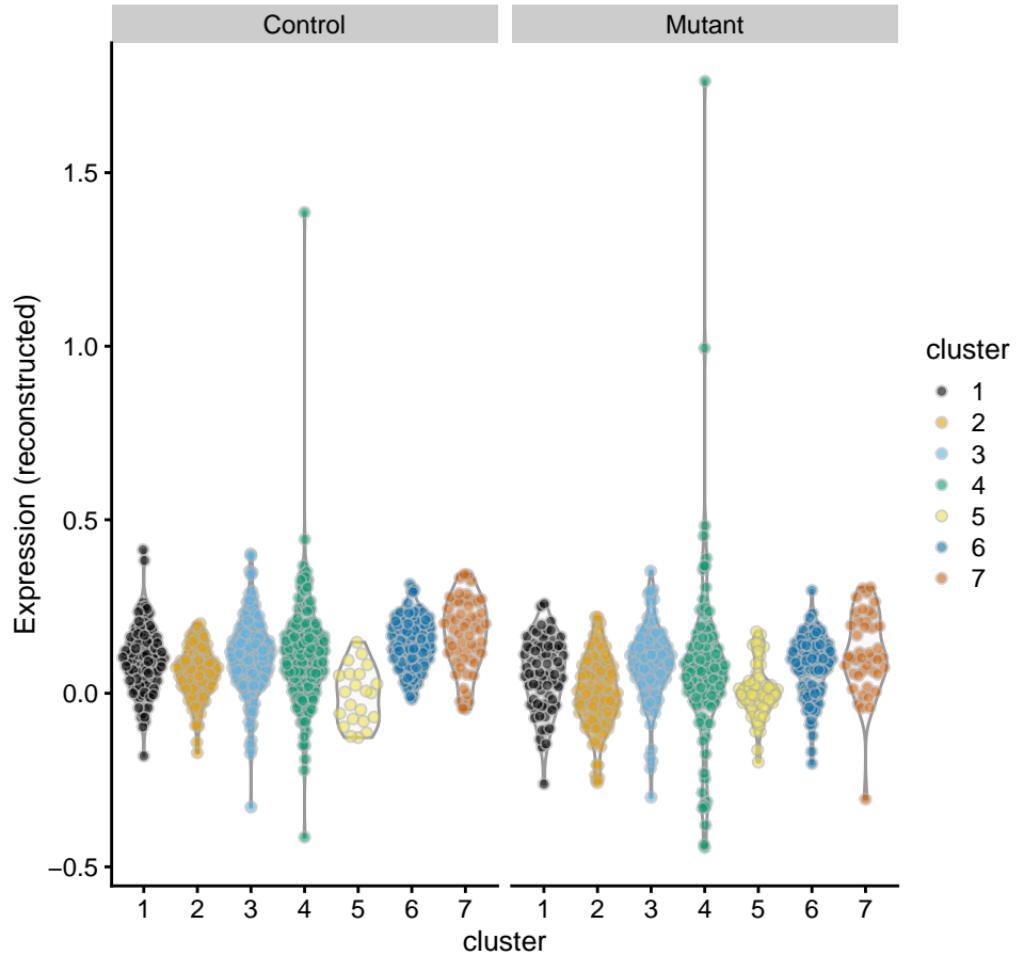
# Hsbp1



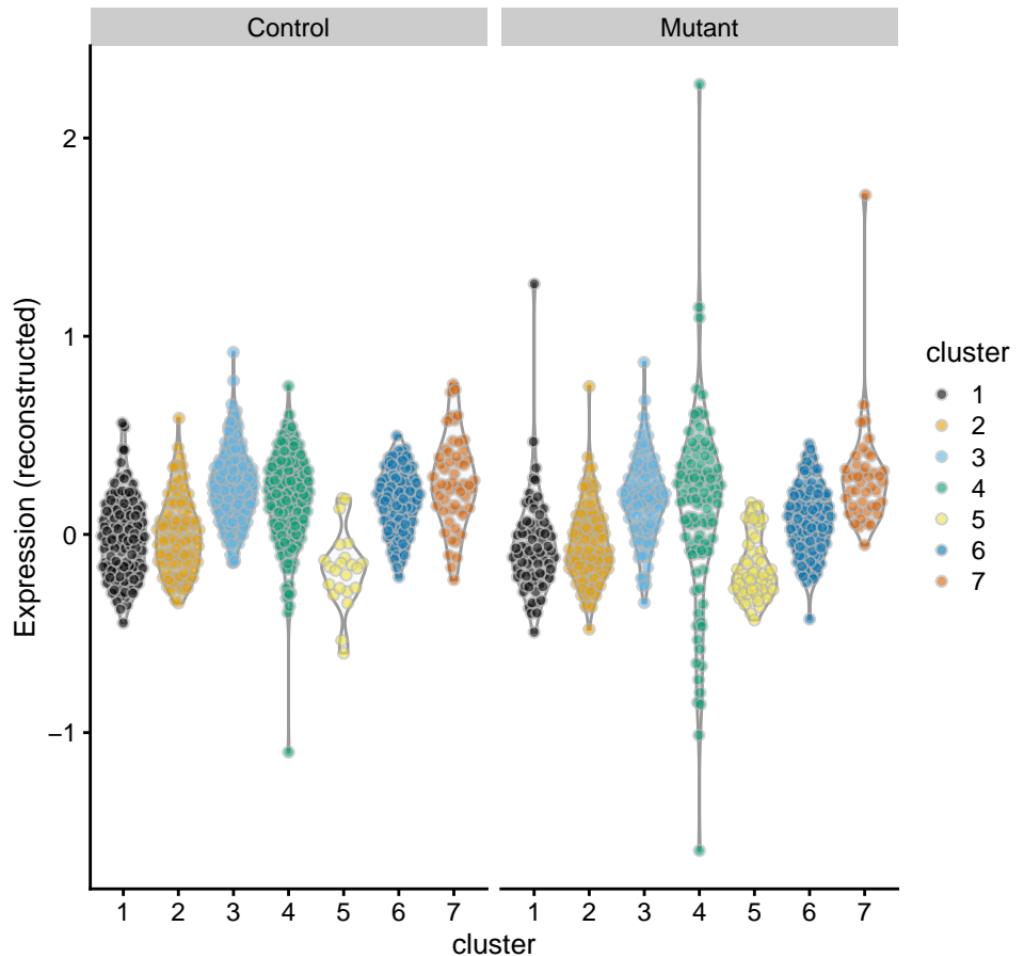
# lip1



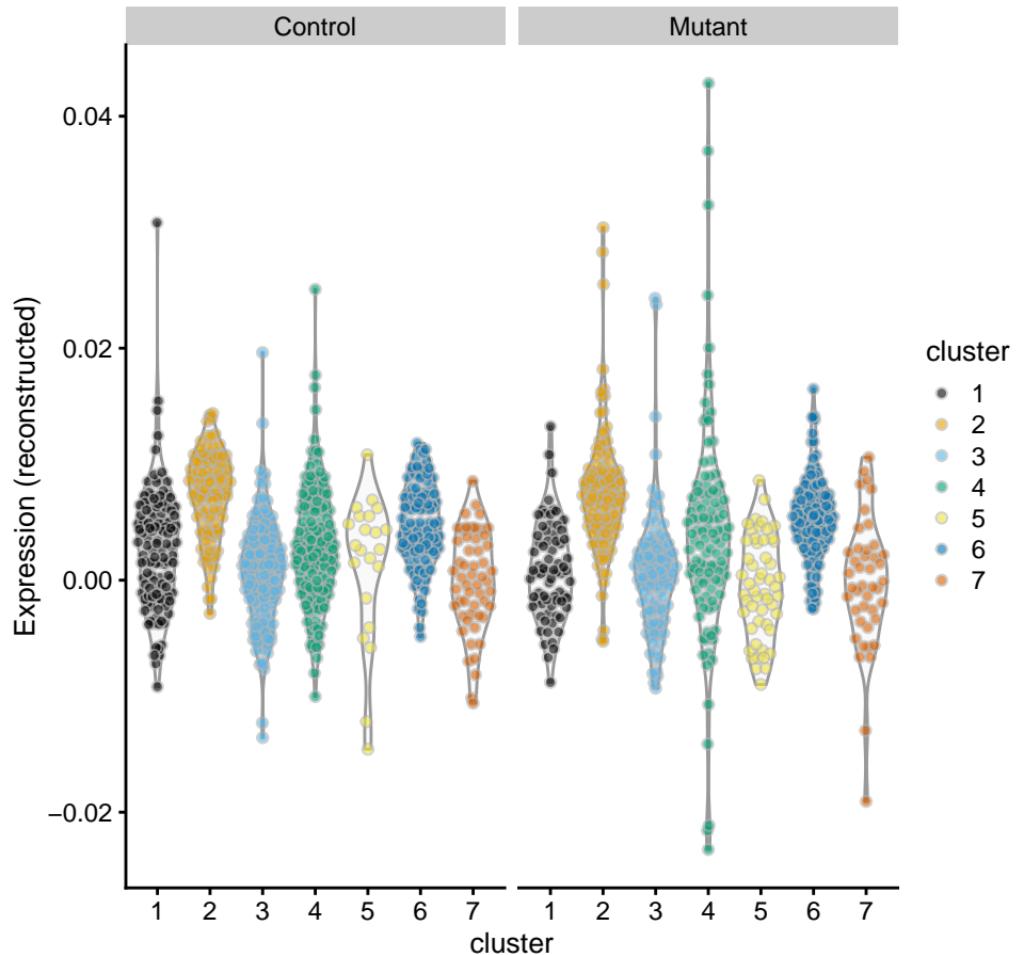
# Il6st



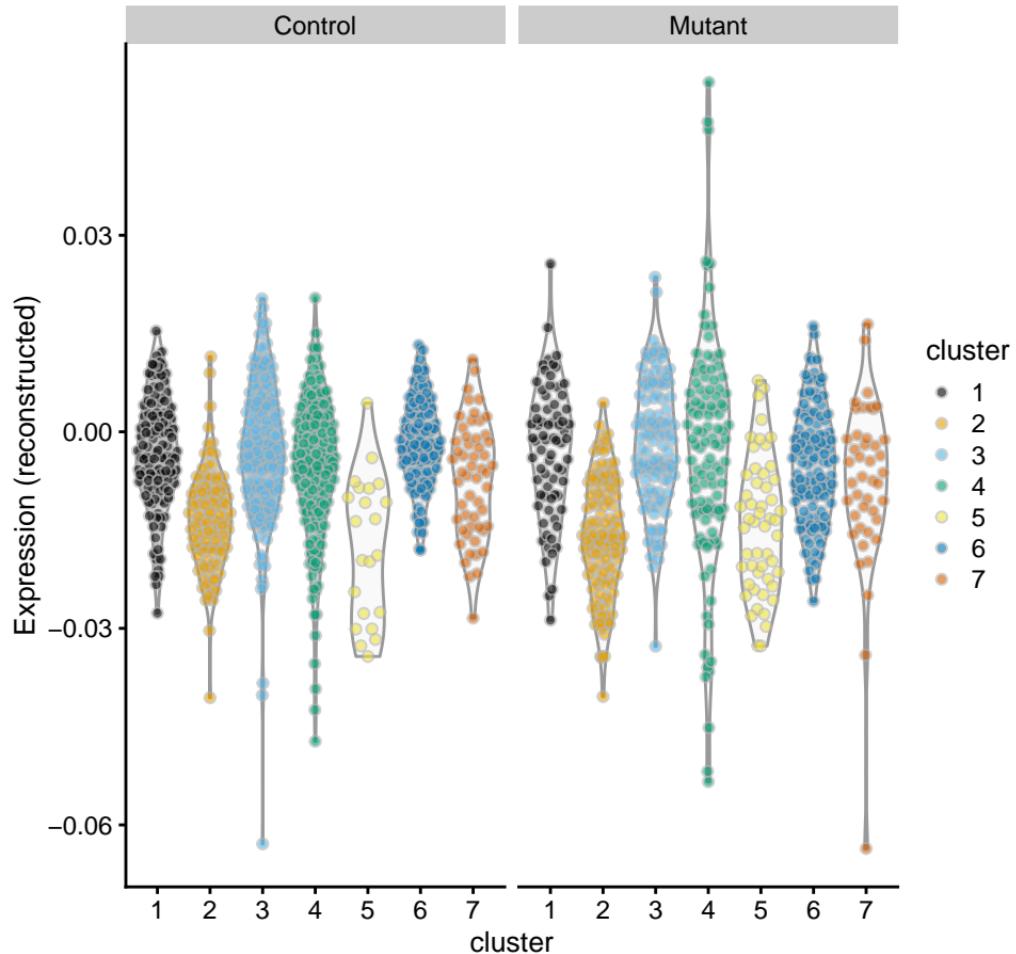
Jam2



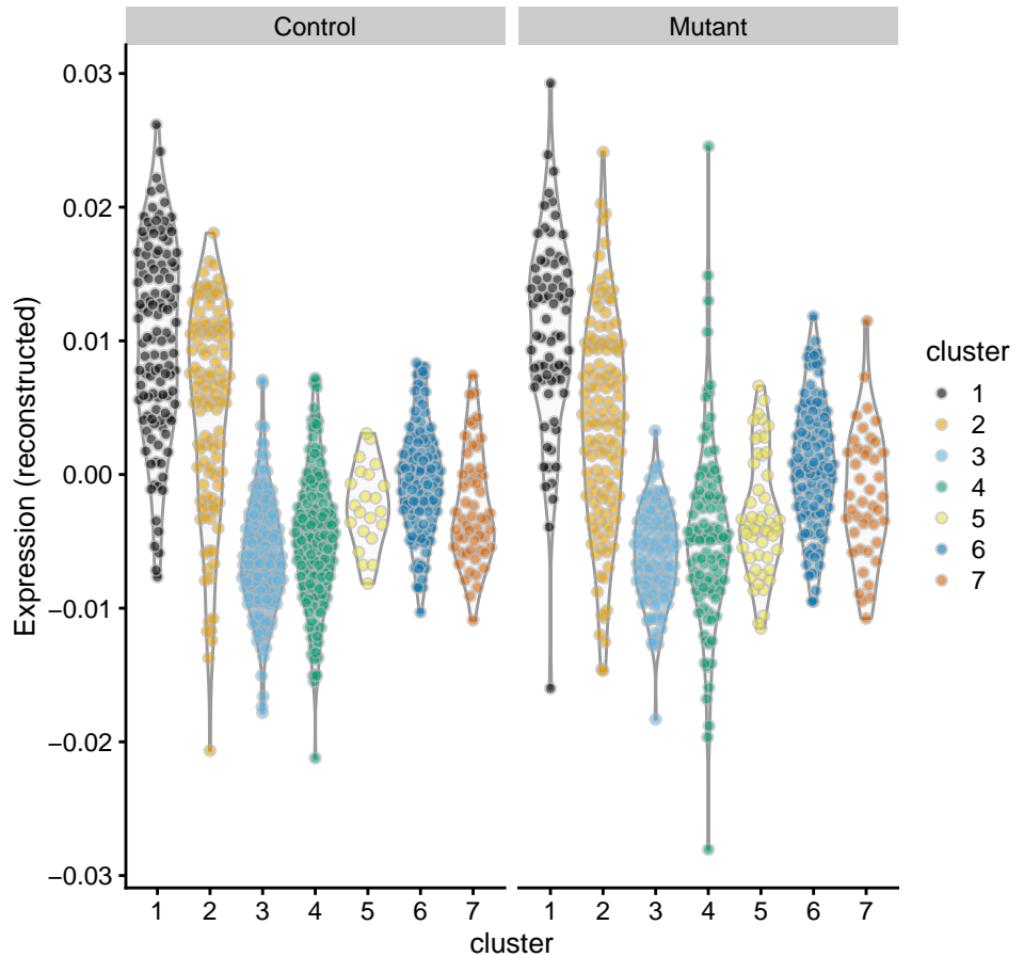
# Lgals3



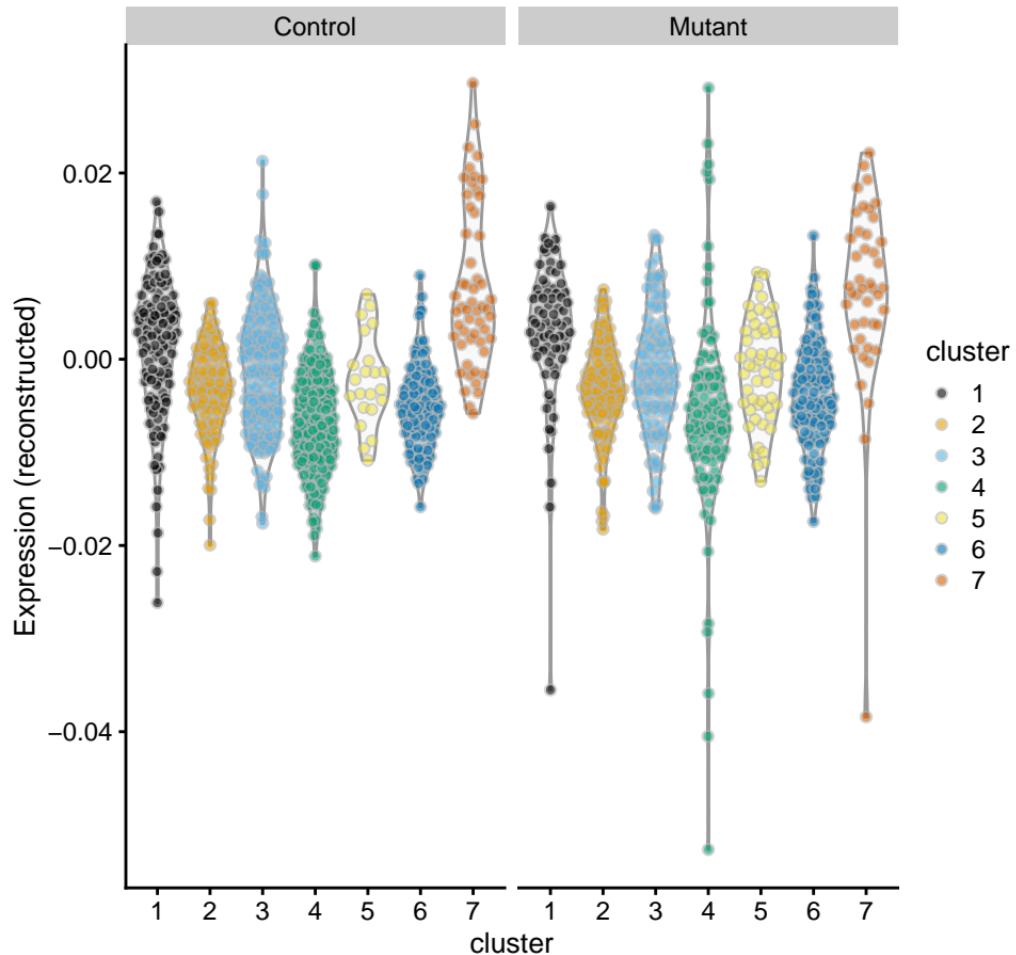
# Lrg1



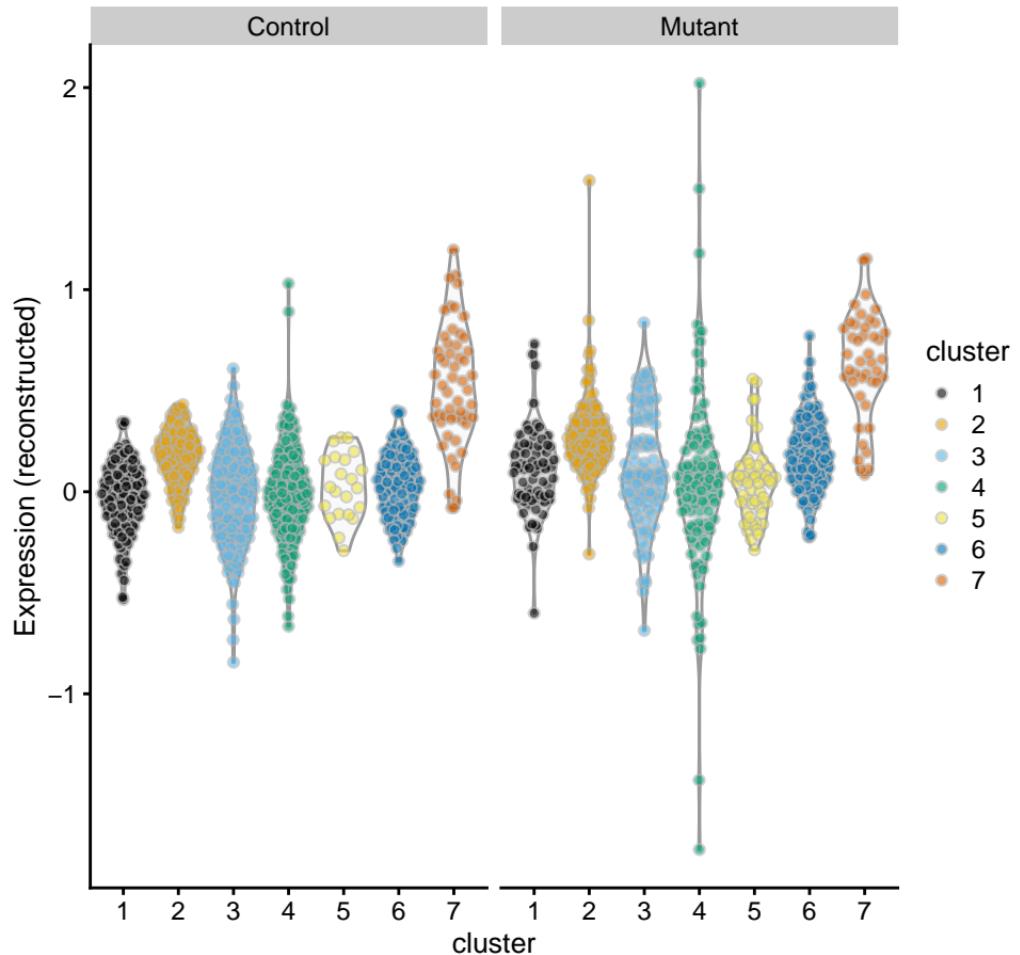
# Meox2



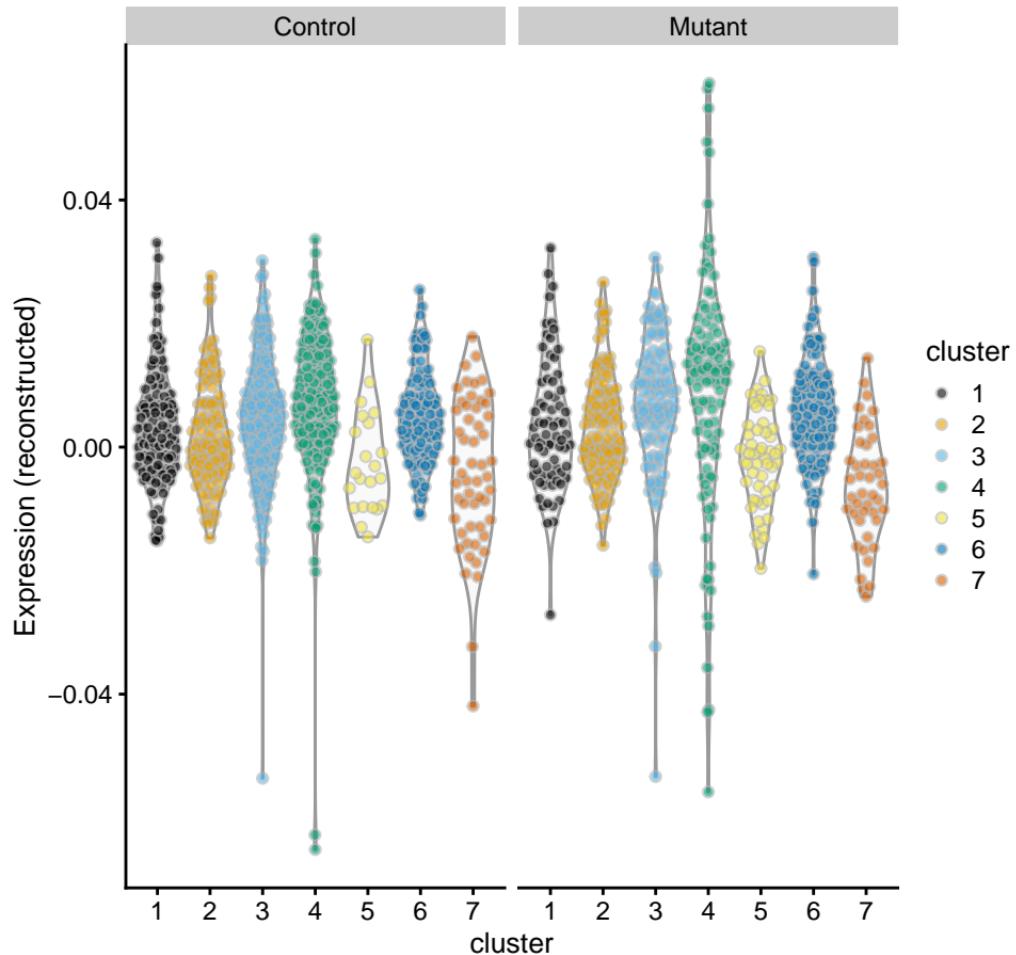
# Plscr2



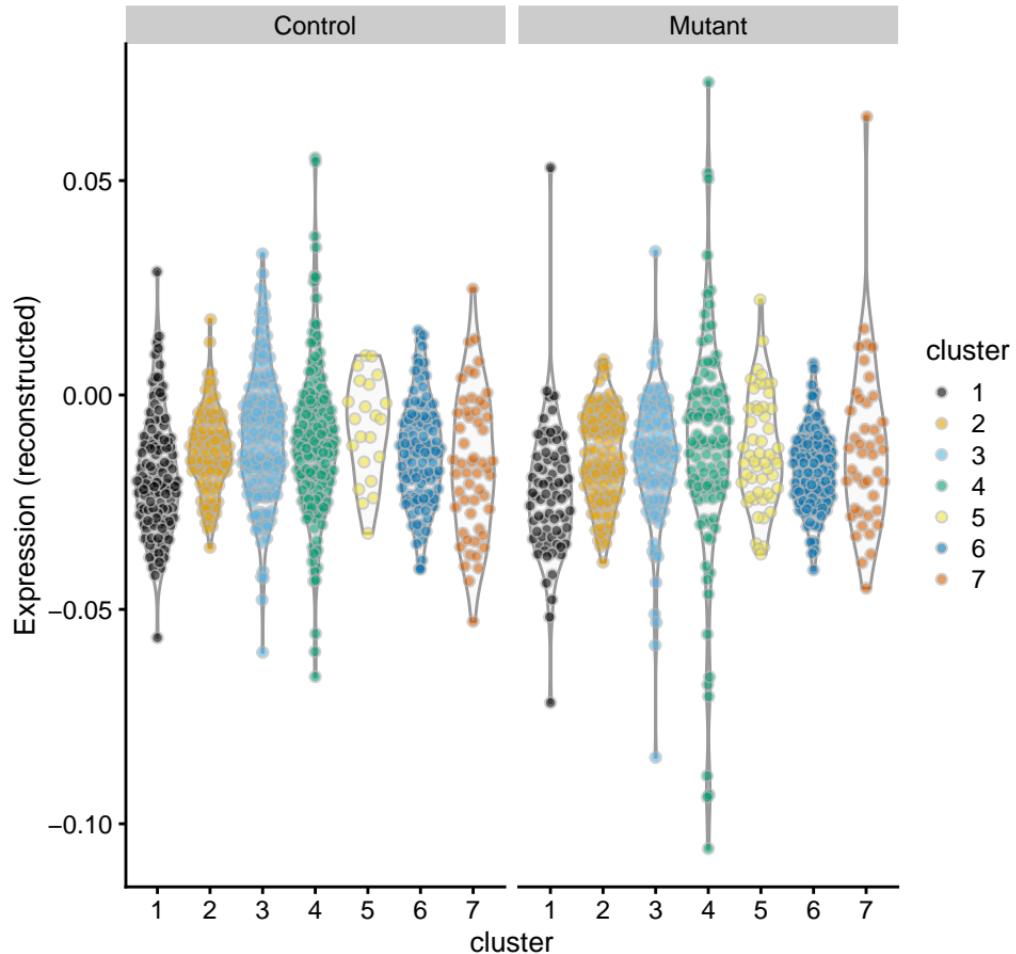
# Sdpr



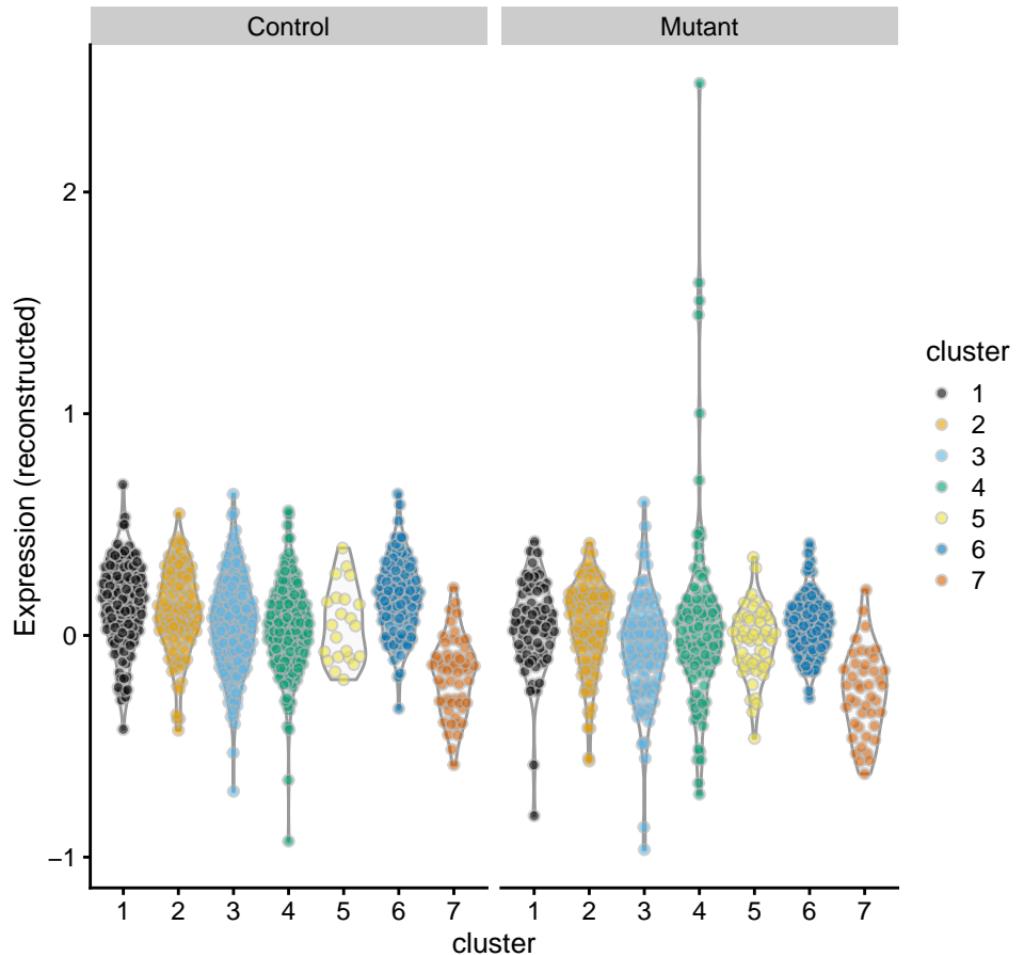
# Selp



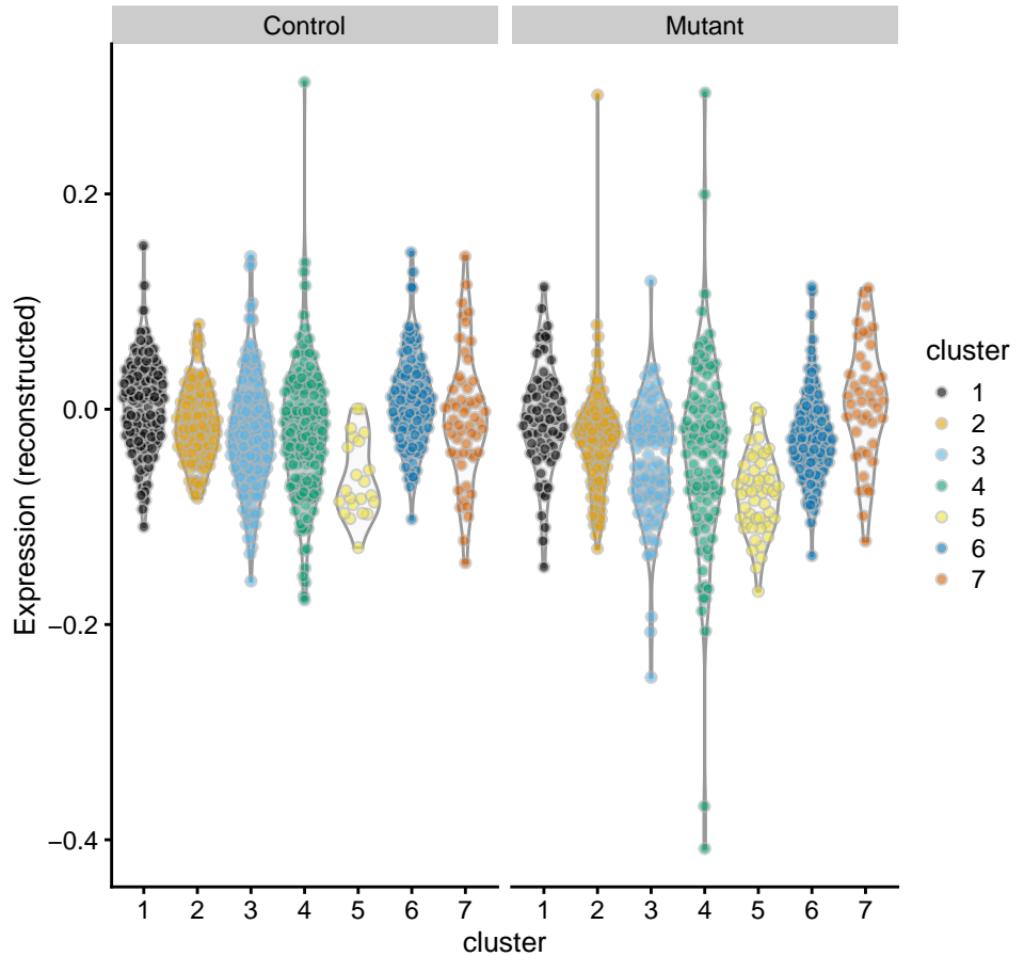
# Spint2



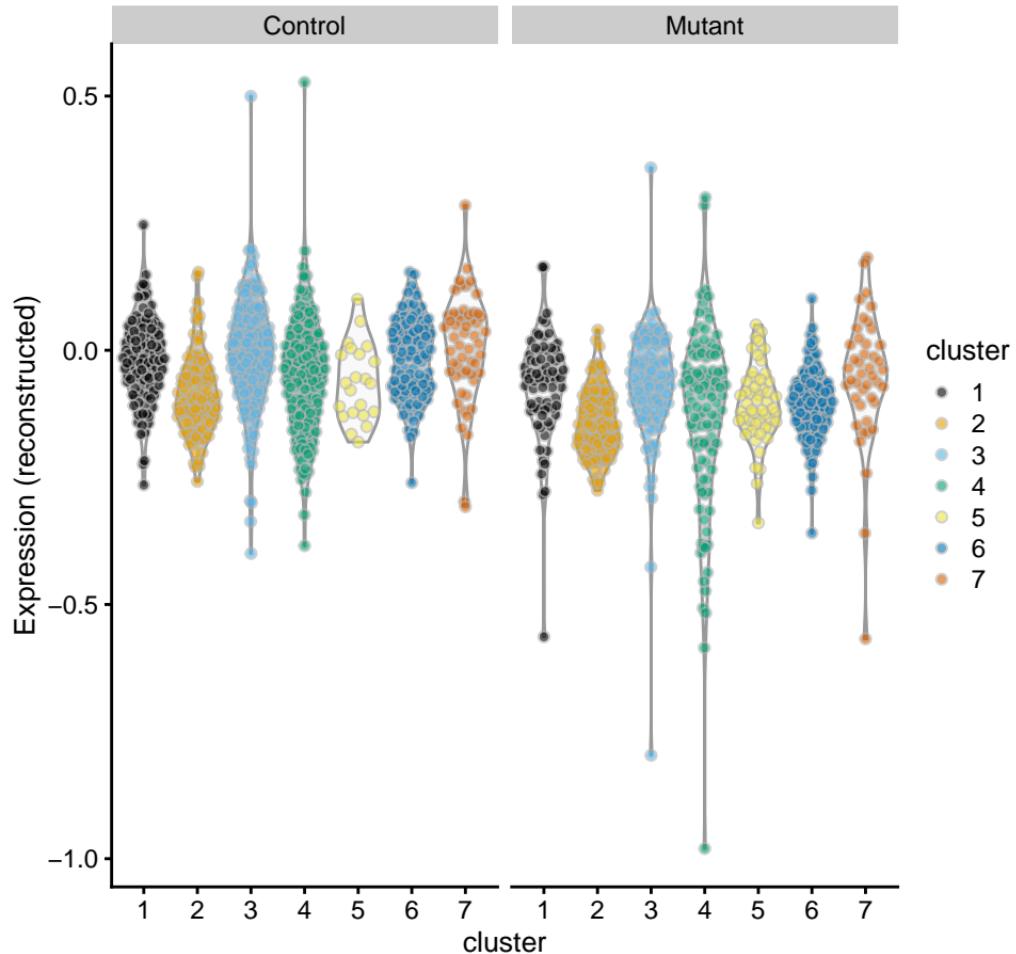
# Tgfb1



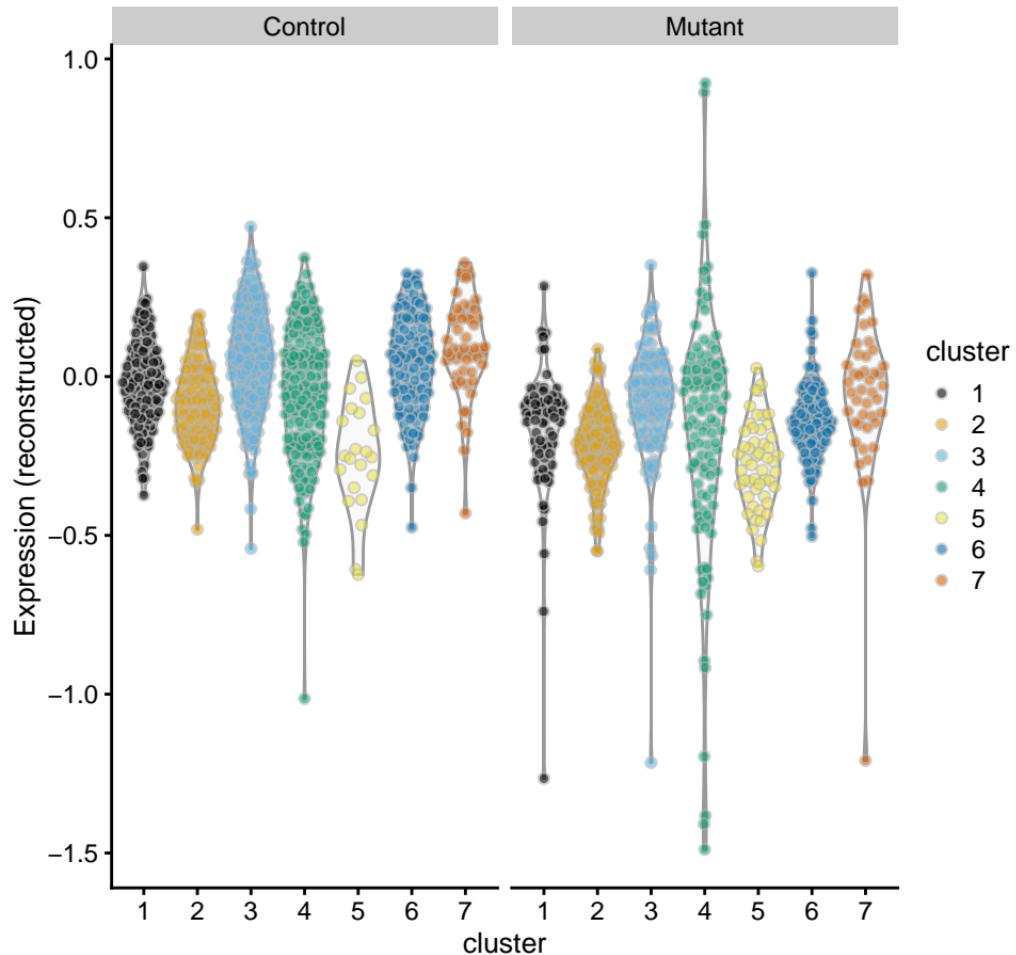
# Tgm2



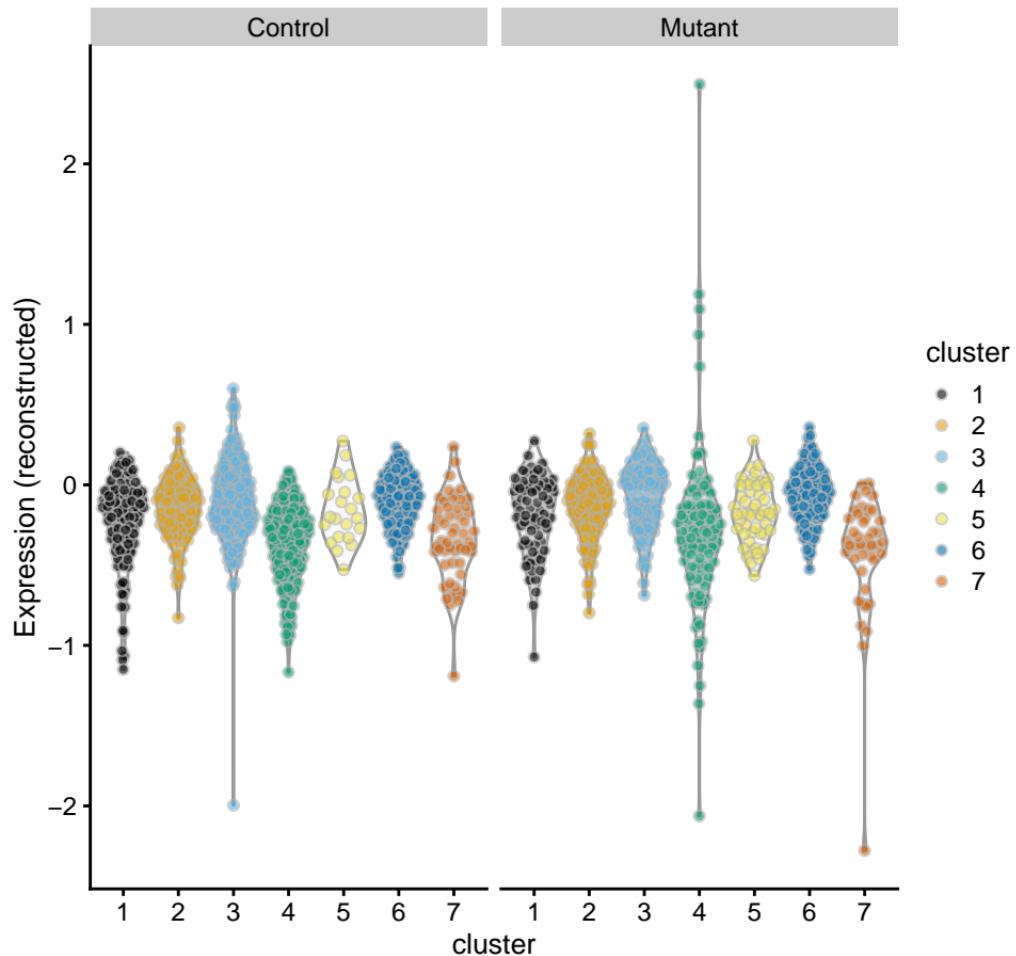
# Tmem176a



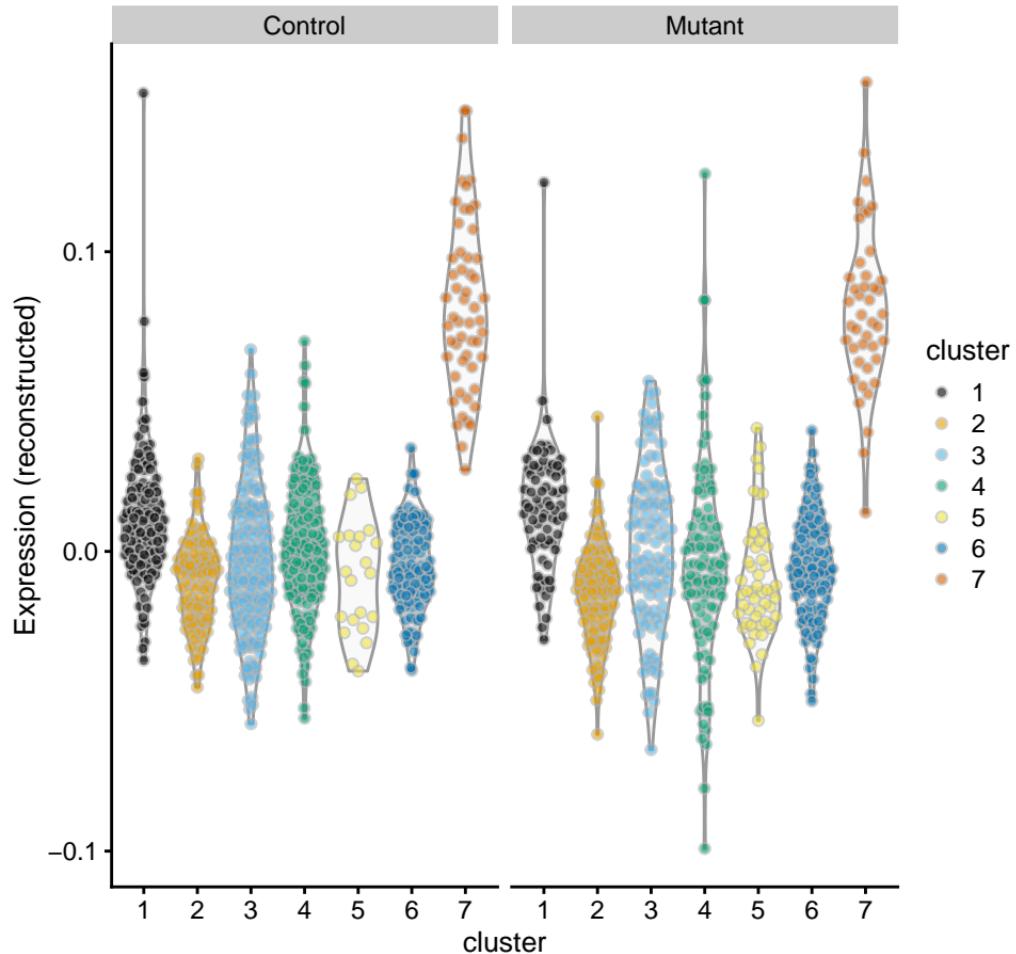
# Tmem176b



# Tmem252



# Tspan7



# Vwf

