

# Intron: LRRTM2

Intron Counts

$p=4.13e-85$

RENEW

ACC\_DORSAL(2)

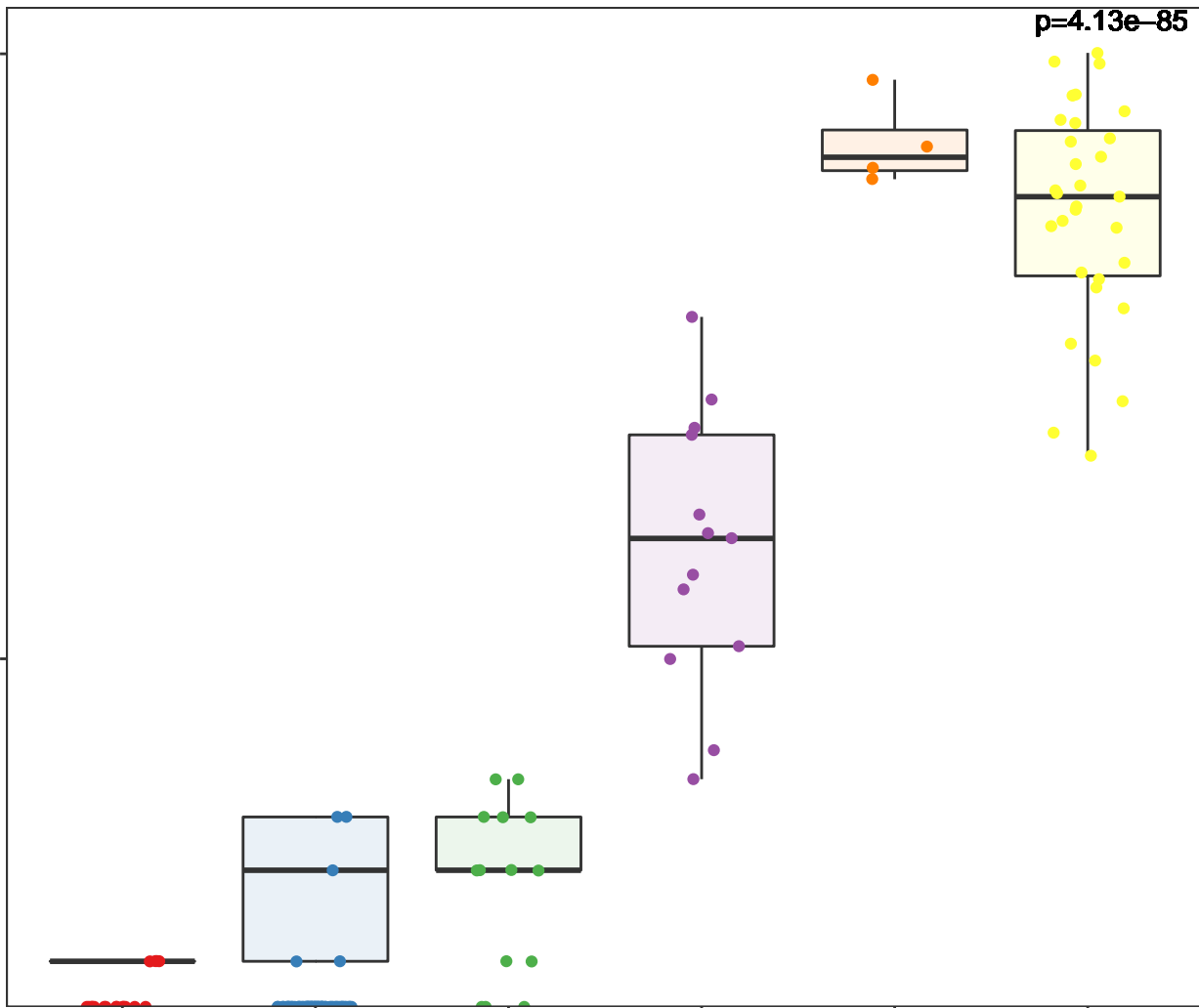
NPC

ROSETTE

NEURONS\_ALONE

NEURONS\_PLUS\_ASTROS

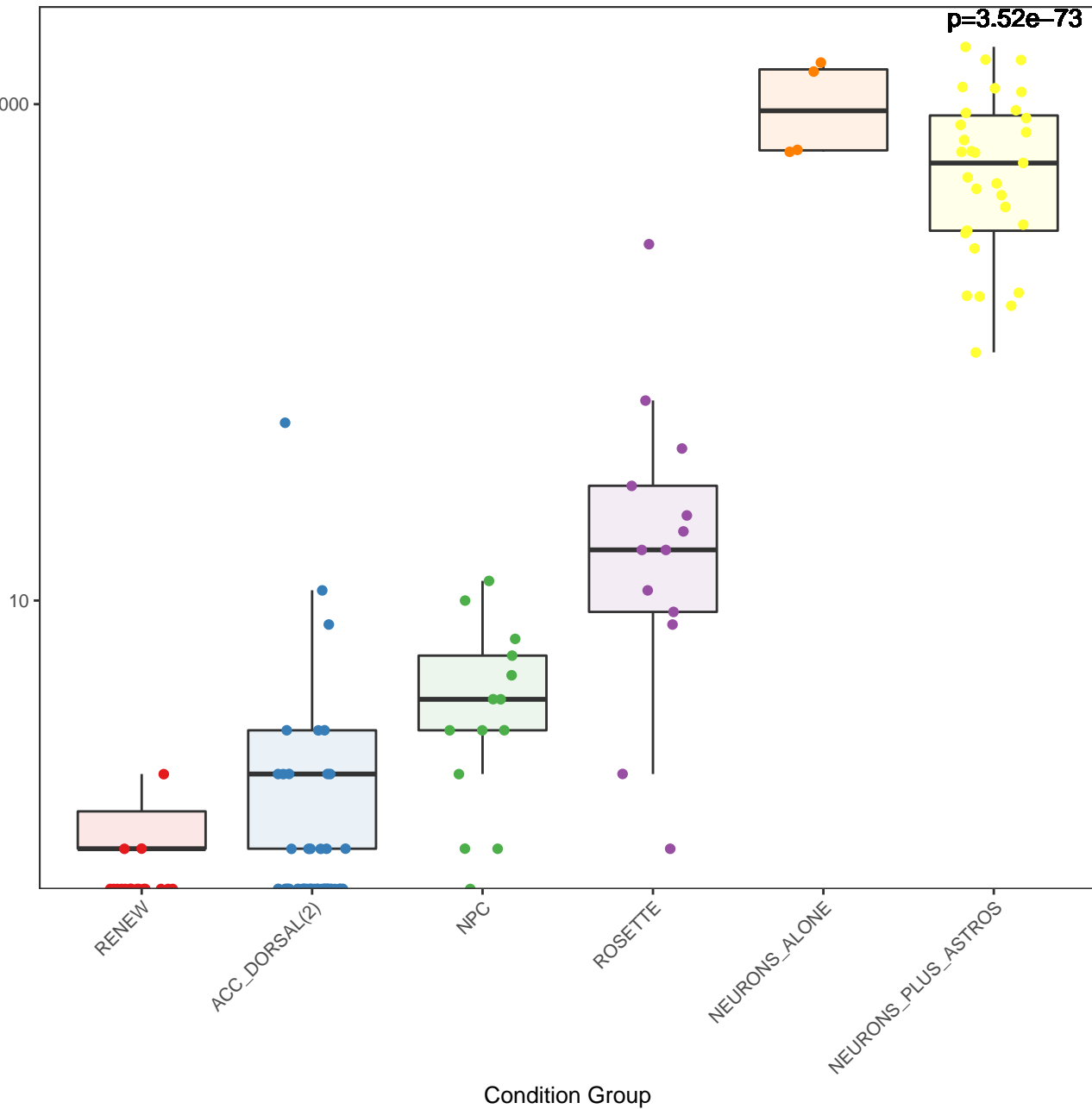
Condition Group



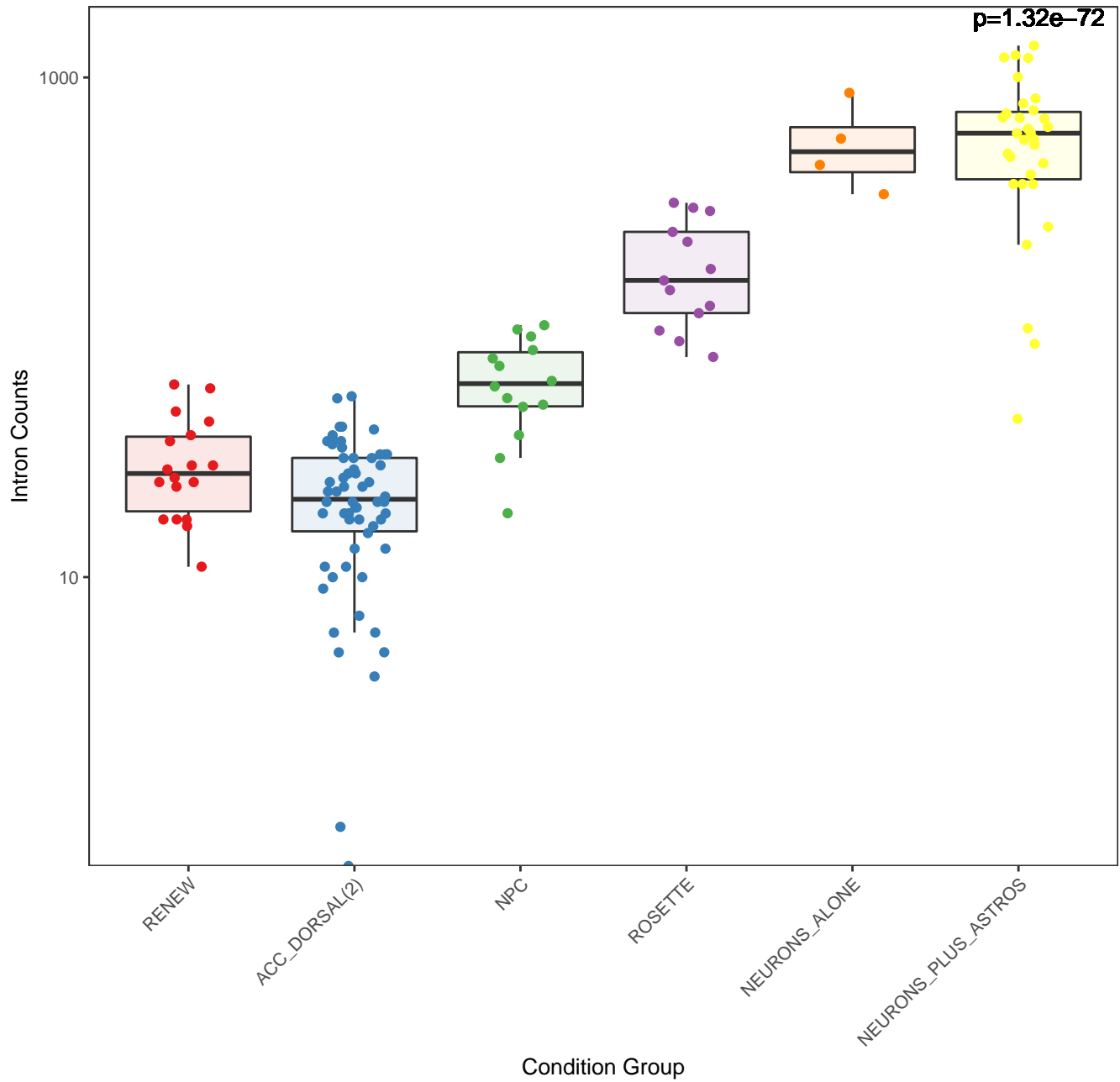
# Intron: GRIA2

Intron Counts

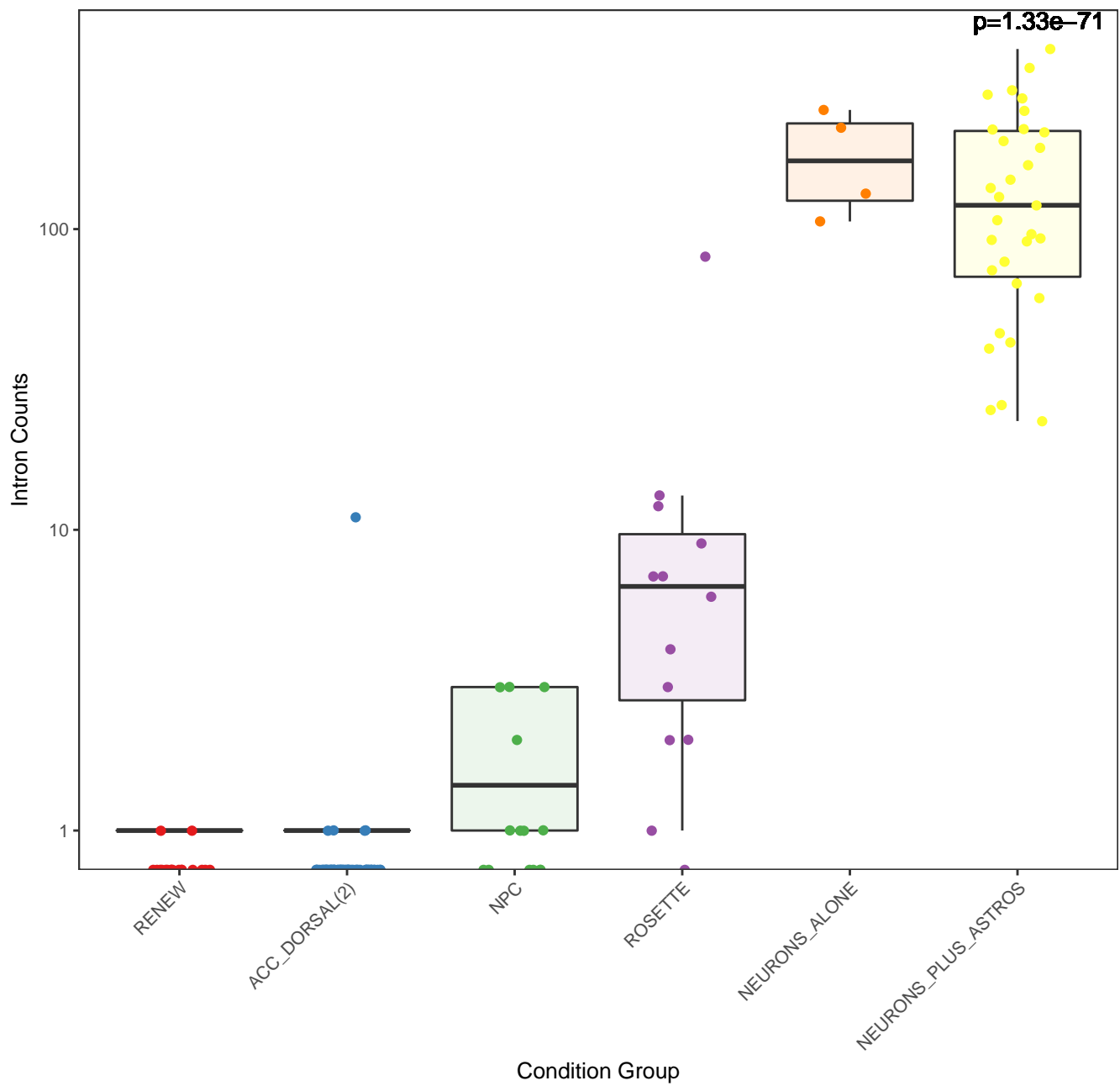
$p=3.52e-73$



# Intron: CSDC2



# Intron: GRIA2



Intron Counts

$p=4.85e-71$

1000

10

RENEW

ACC\_DORSAL(2)

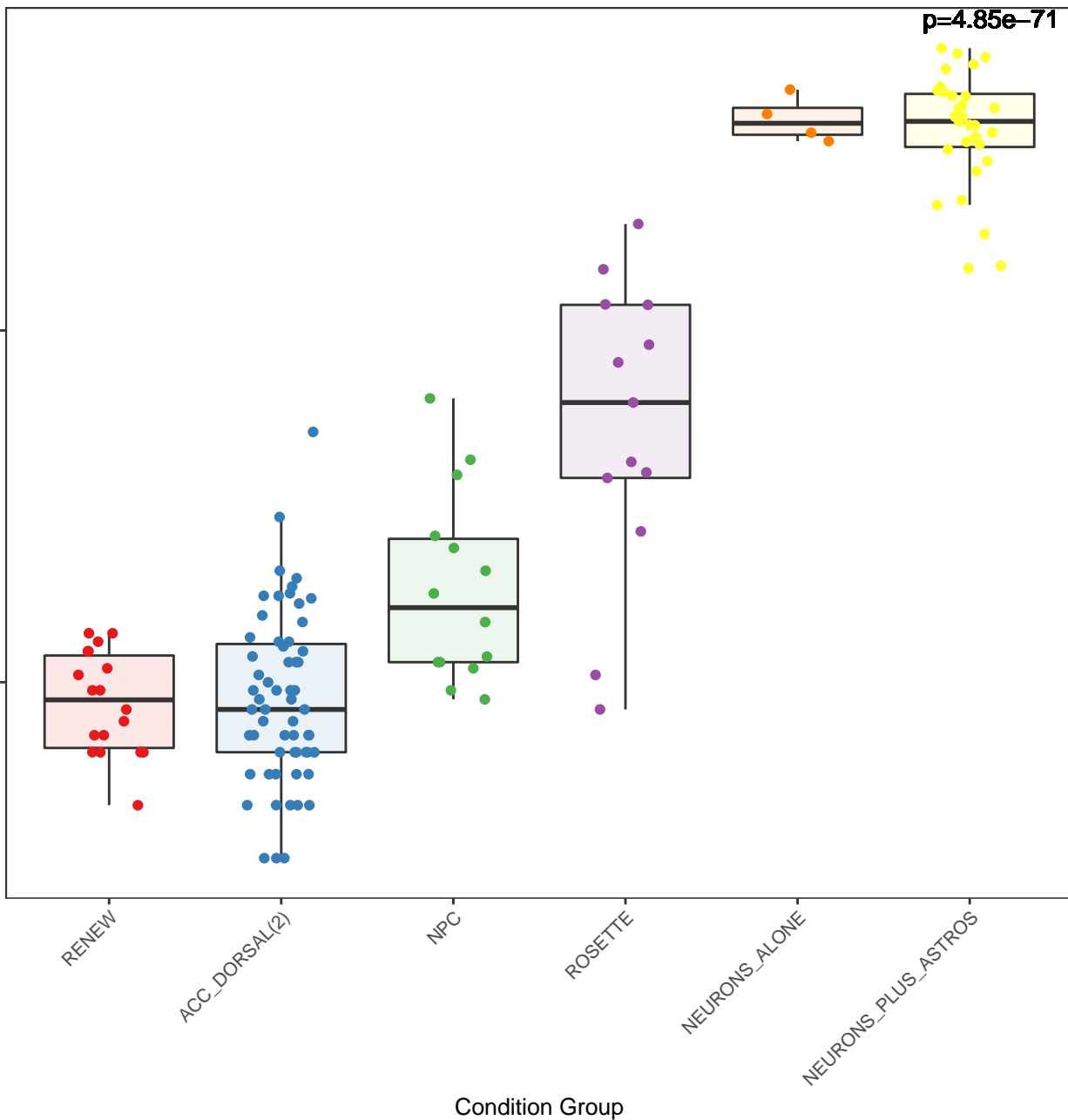
NPC

ROSETTE

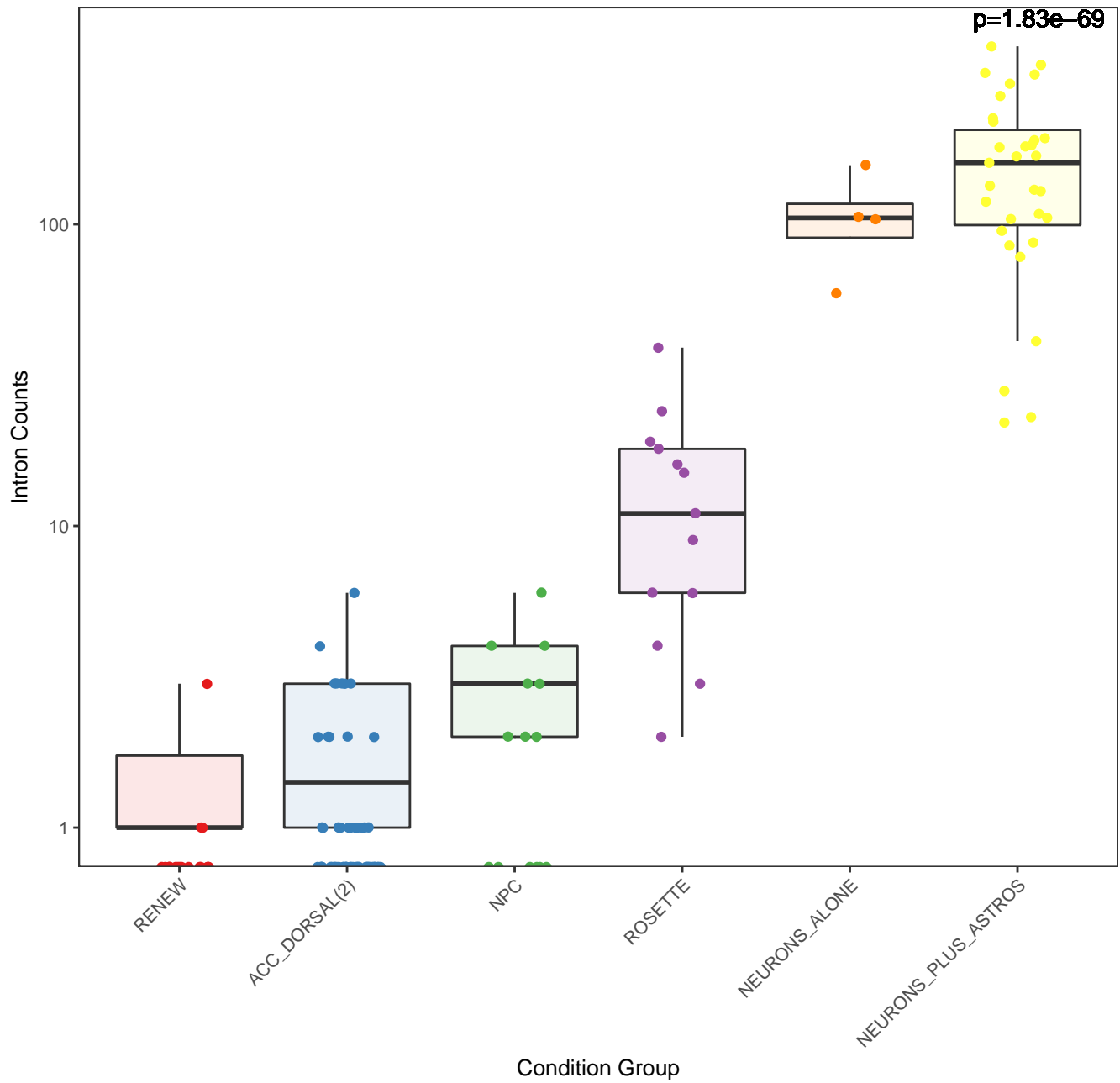
NEURONS\_ALONE

NEURONS\_PLUS\_ASTROS

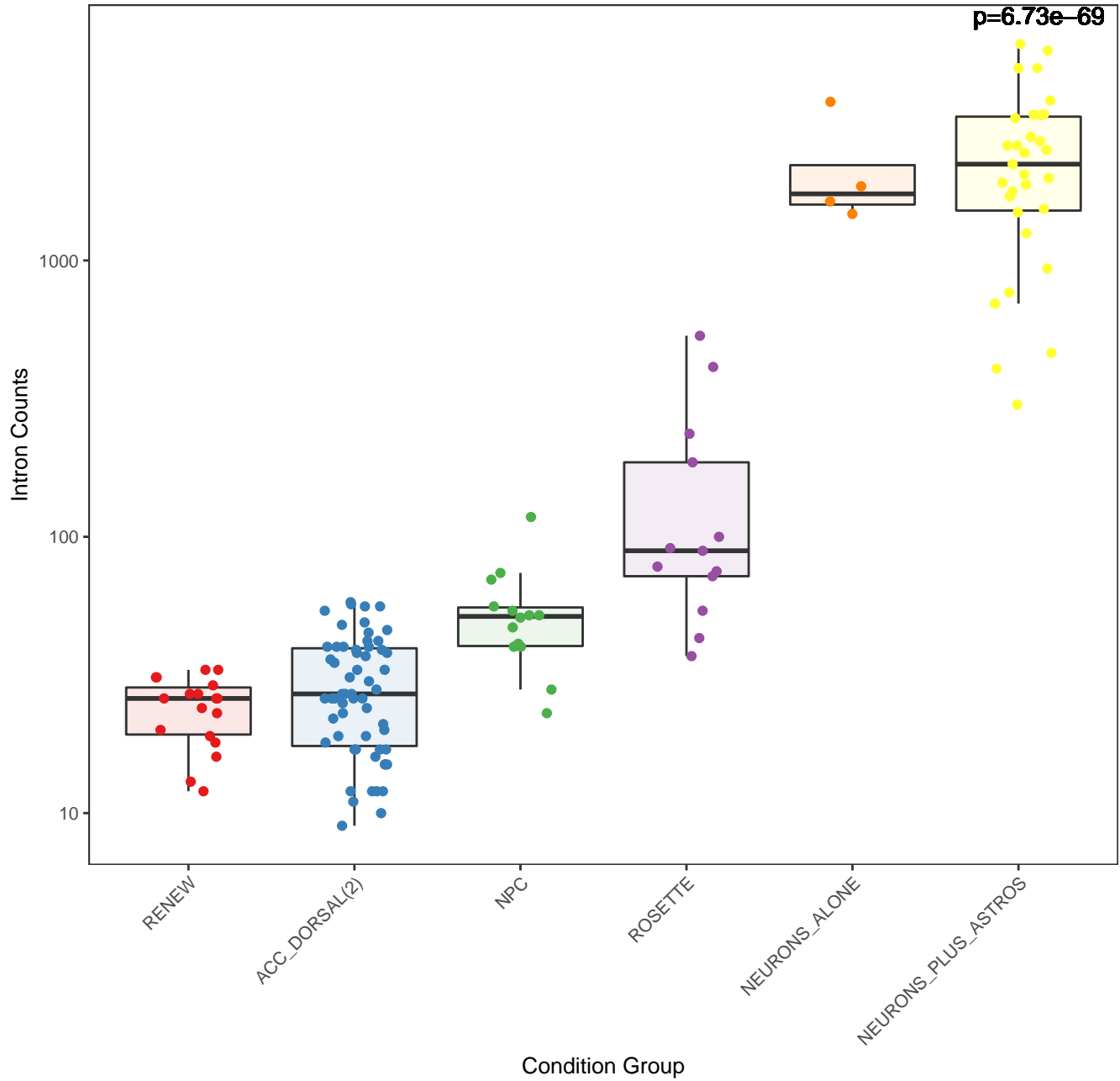
Condition Group



Intron: ARPP21



# Intron: CDC42



Intron Counts

 $p=7.48e-67$ 

10000

1000

RENEW

ACC\_DORSAL(2)

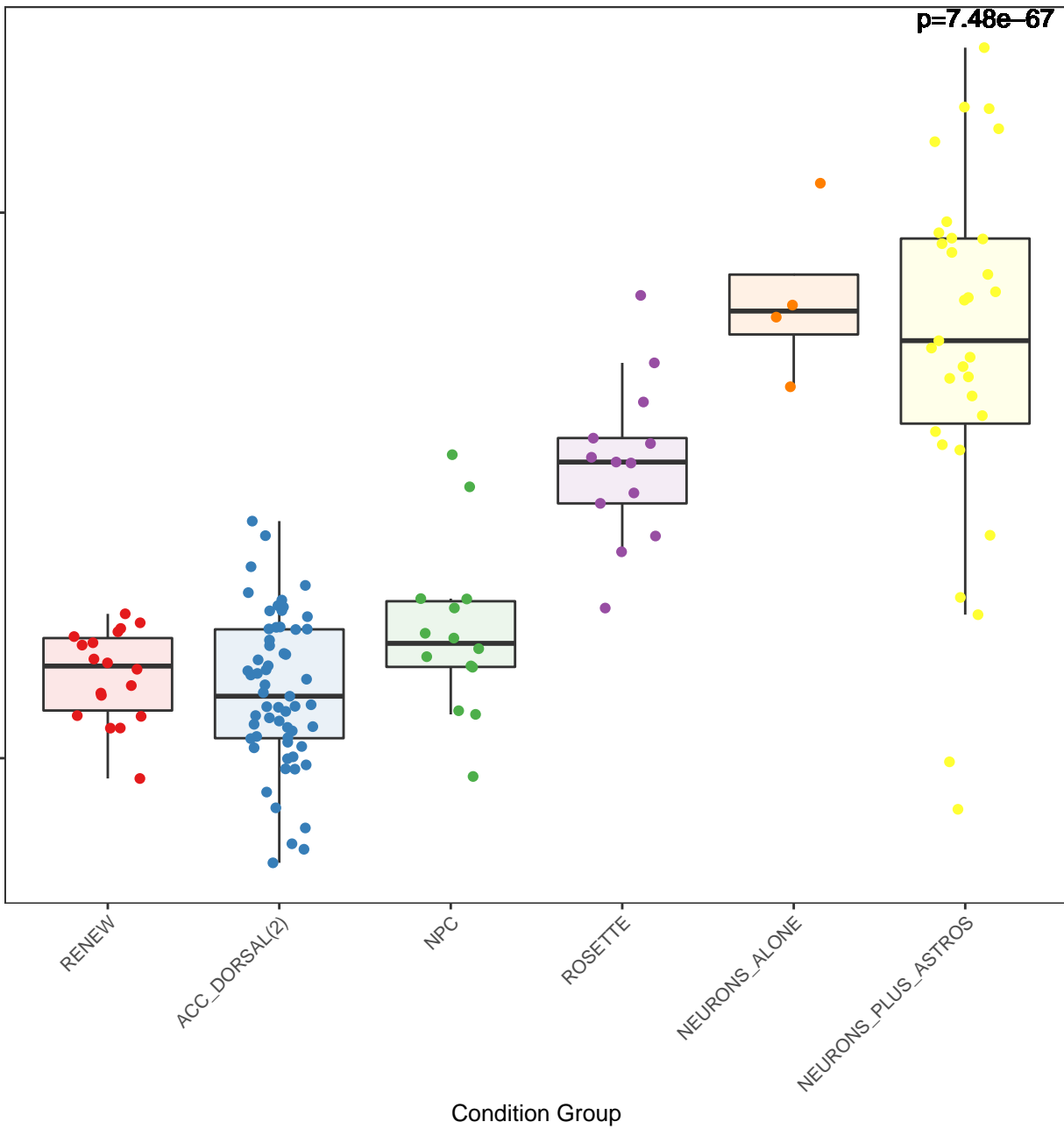
NPC

ROSETTE

NEURONS\_ALONE

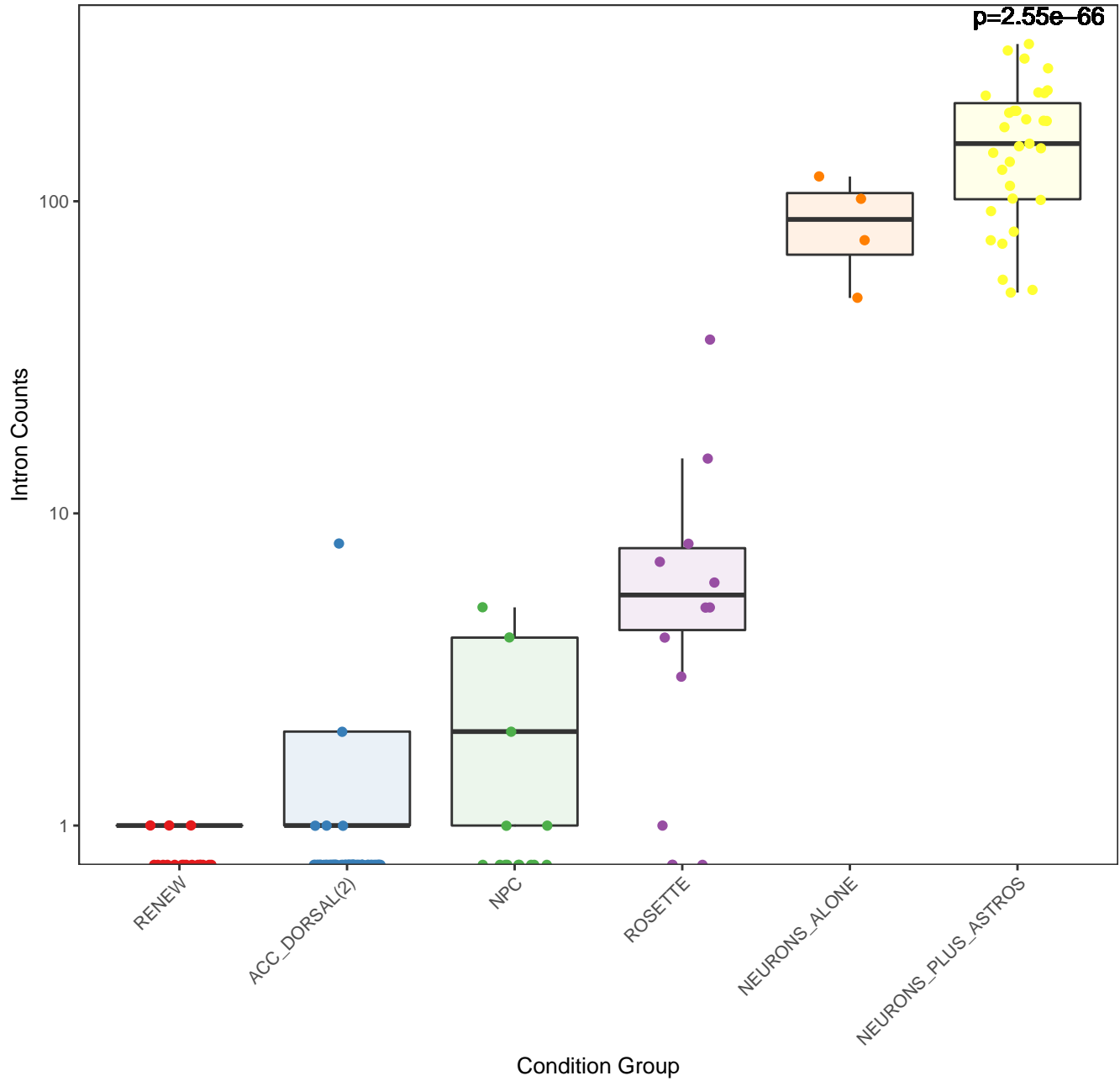
NEURONS\_PLUS\_ASTROS

Condition Group





# Intron: GRIA2



# Intron: GRIA2

Intron Counts

$p=4.98e-66$

RENEW

ACC\_DORSAL(2)

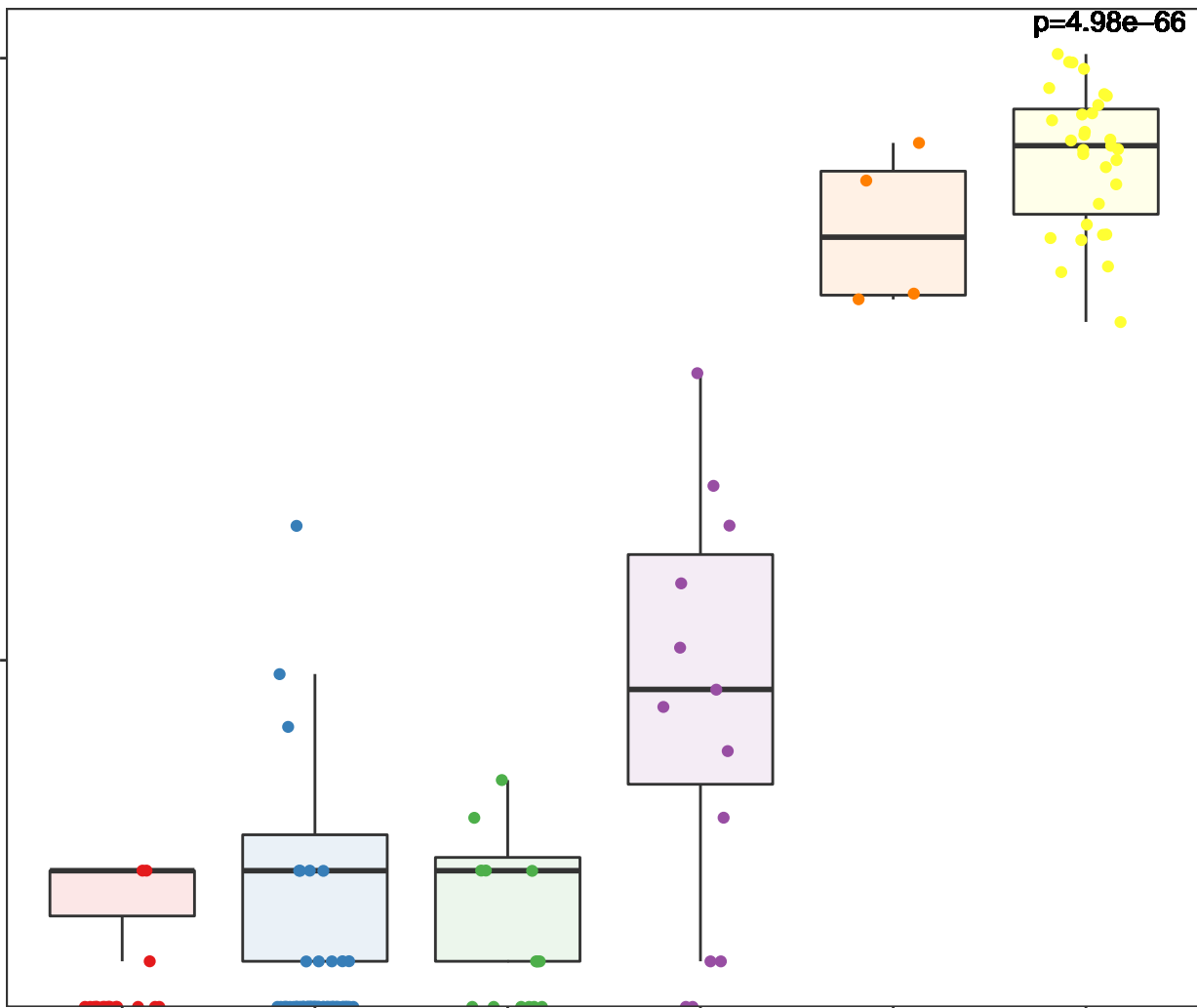
NPC

ROSETTE

NEURONS\_ALONE

NEURONS\_PLUS\_ASTROS

Condition Group



# Intron: KIFAP3

Intron Counts

$p=3.28e-65$

RENEW

ACC\_DORSAL(2)

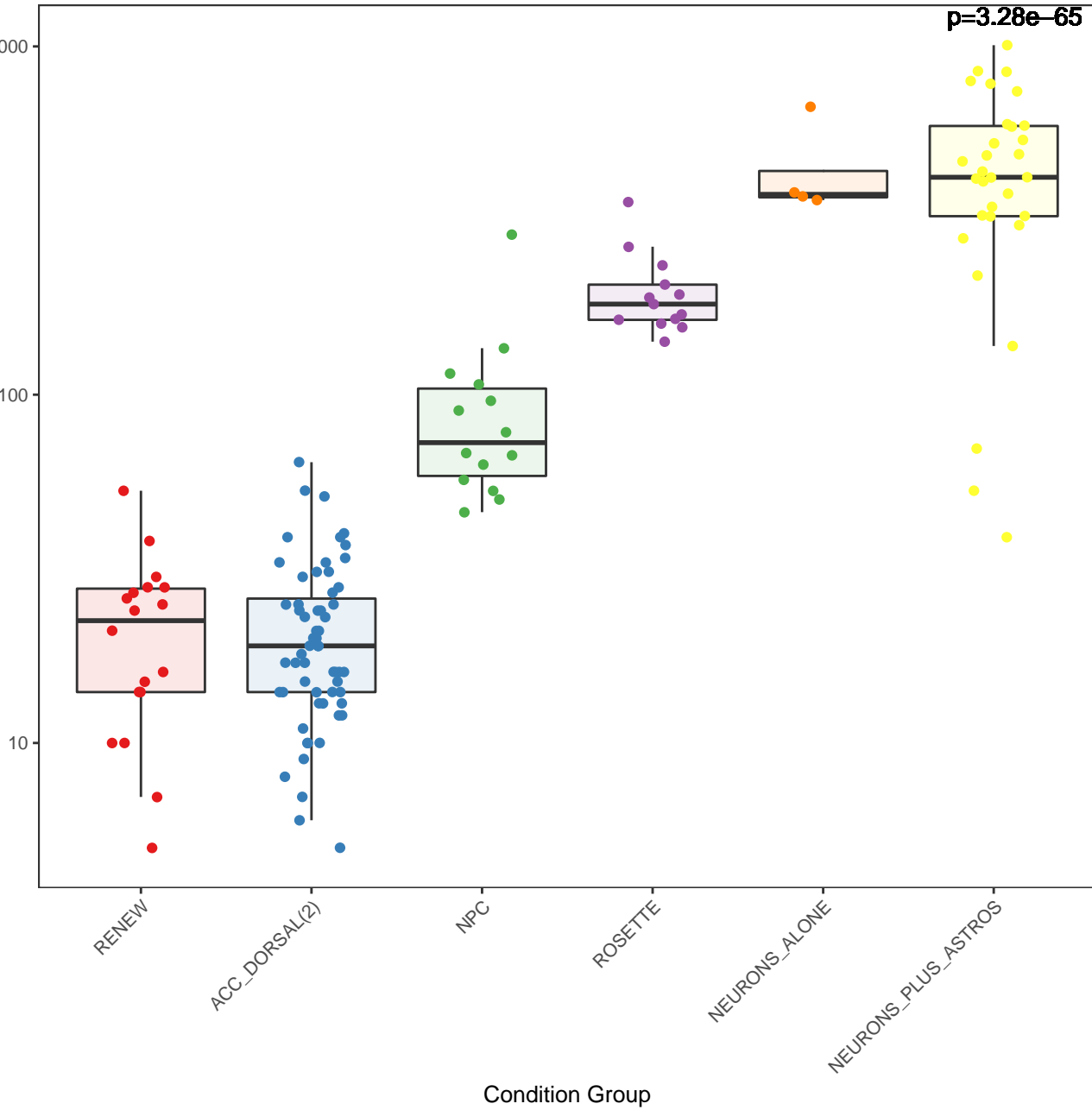
NPC

ROSETTE

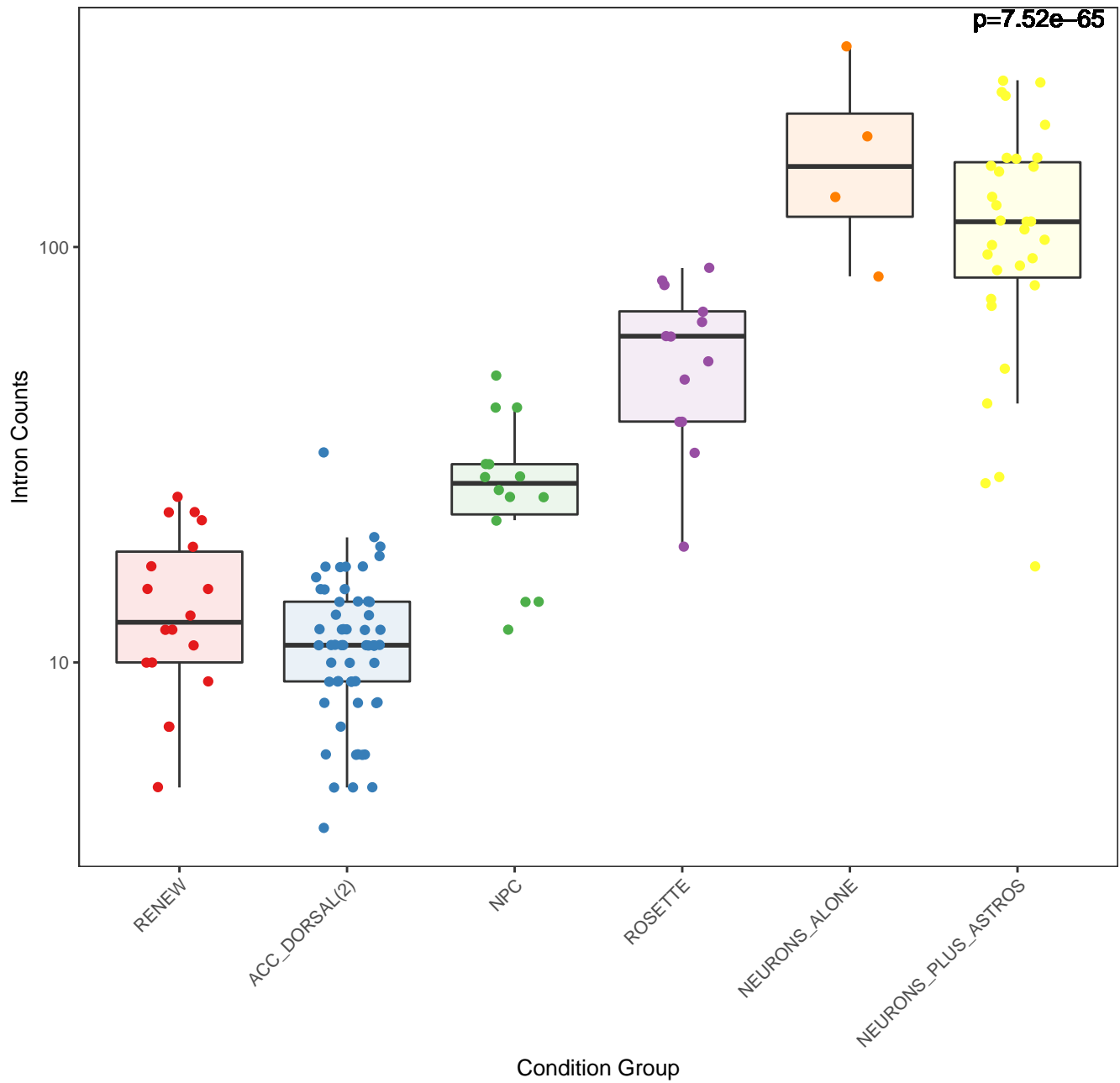
NEURONS\_ALONE

NEURONS\_PLUS\_ASTROS

Condition Group



# Intron: WDR47



# Intron: PCDH9

Intron Counts

$p=1.94e-64$

RENEW

ACC\_DORSAL(2)

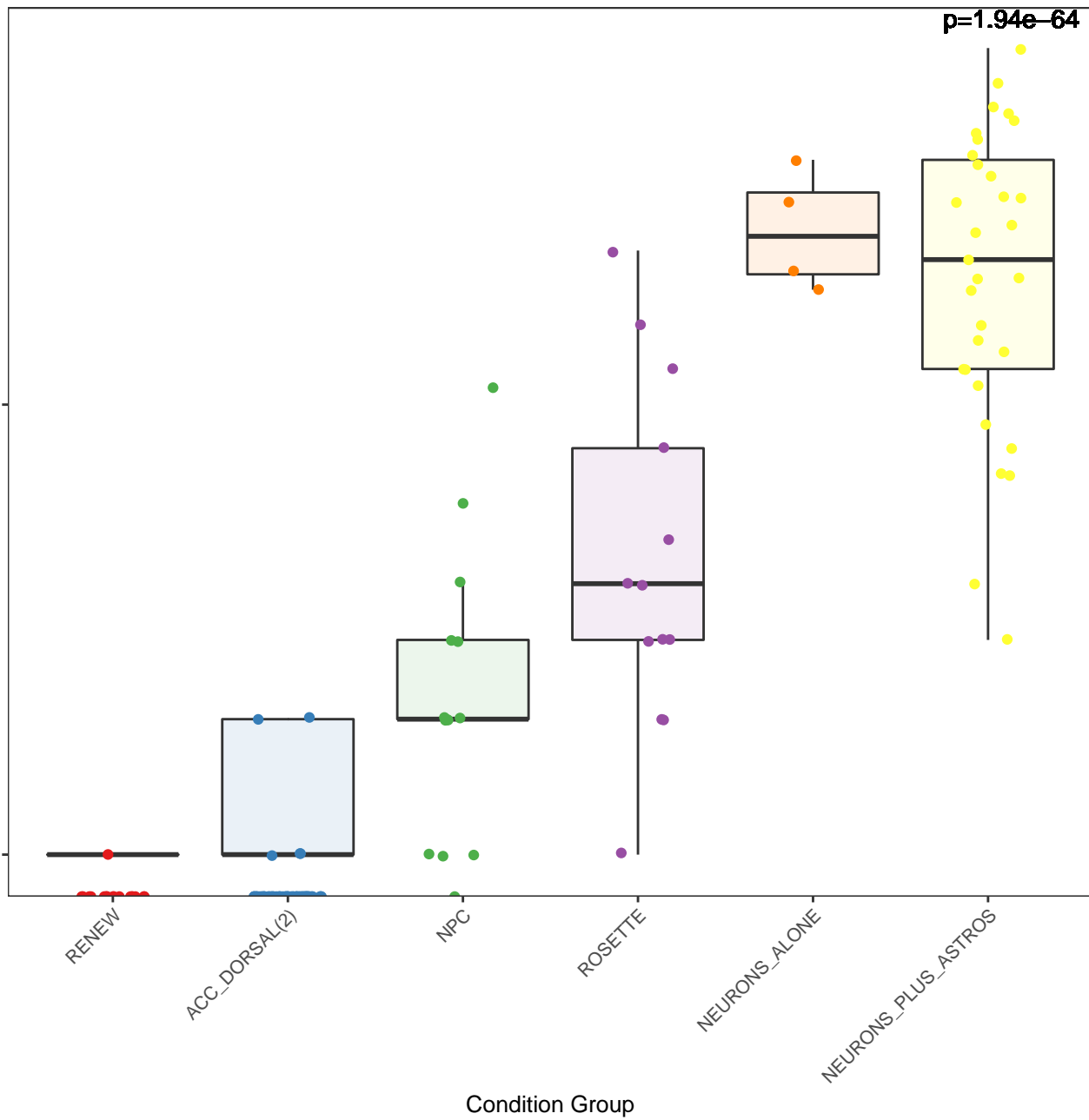
NPC

ROSETTE

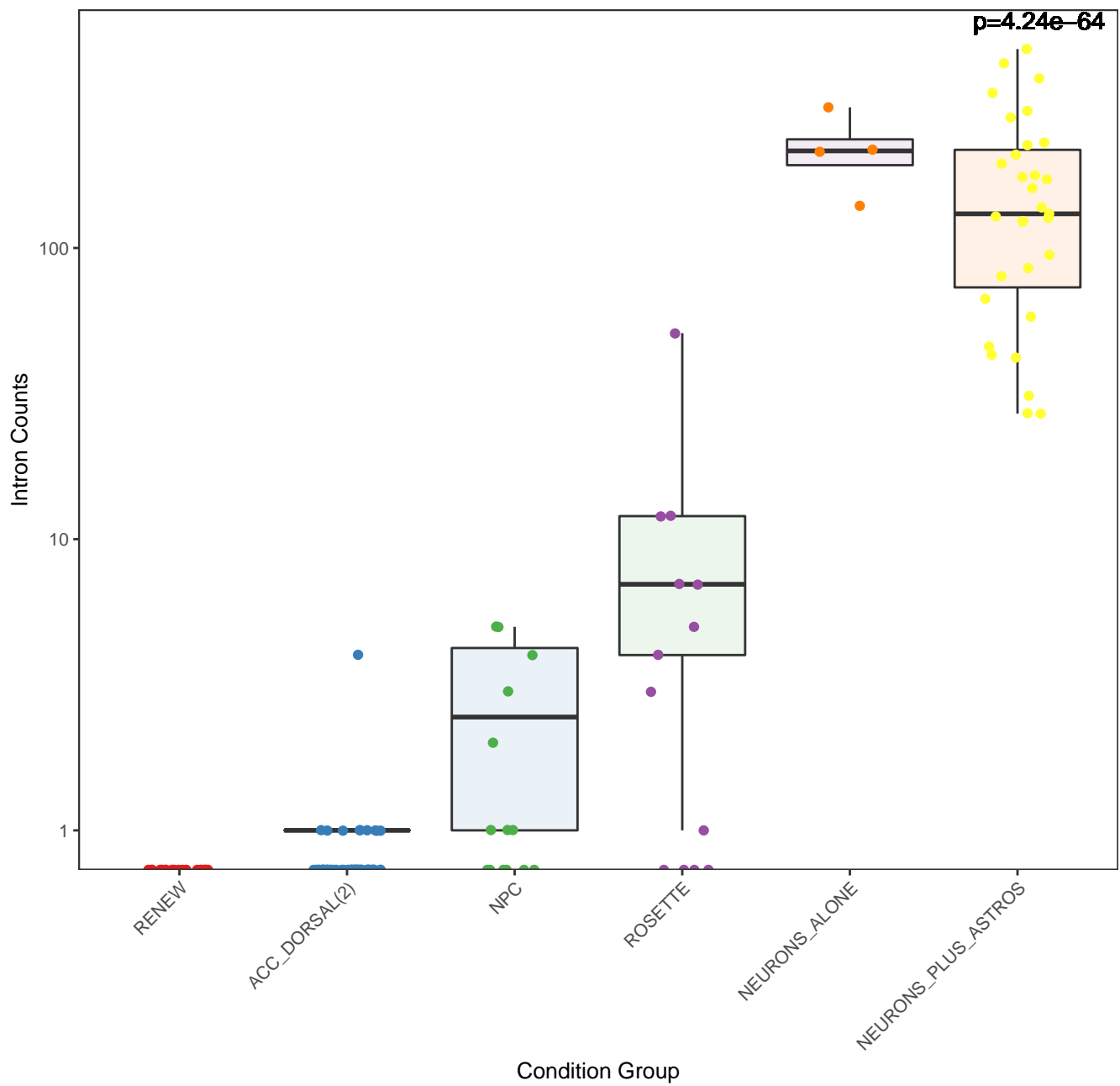
NEURONS\_ALONE

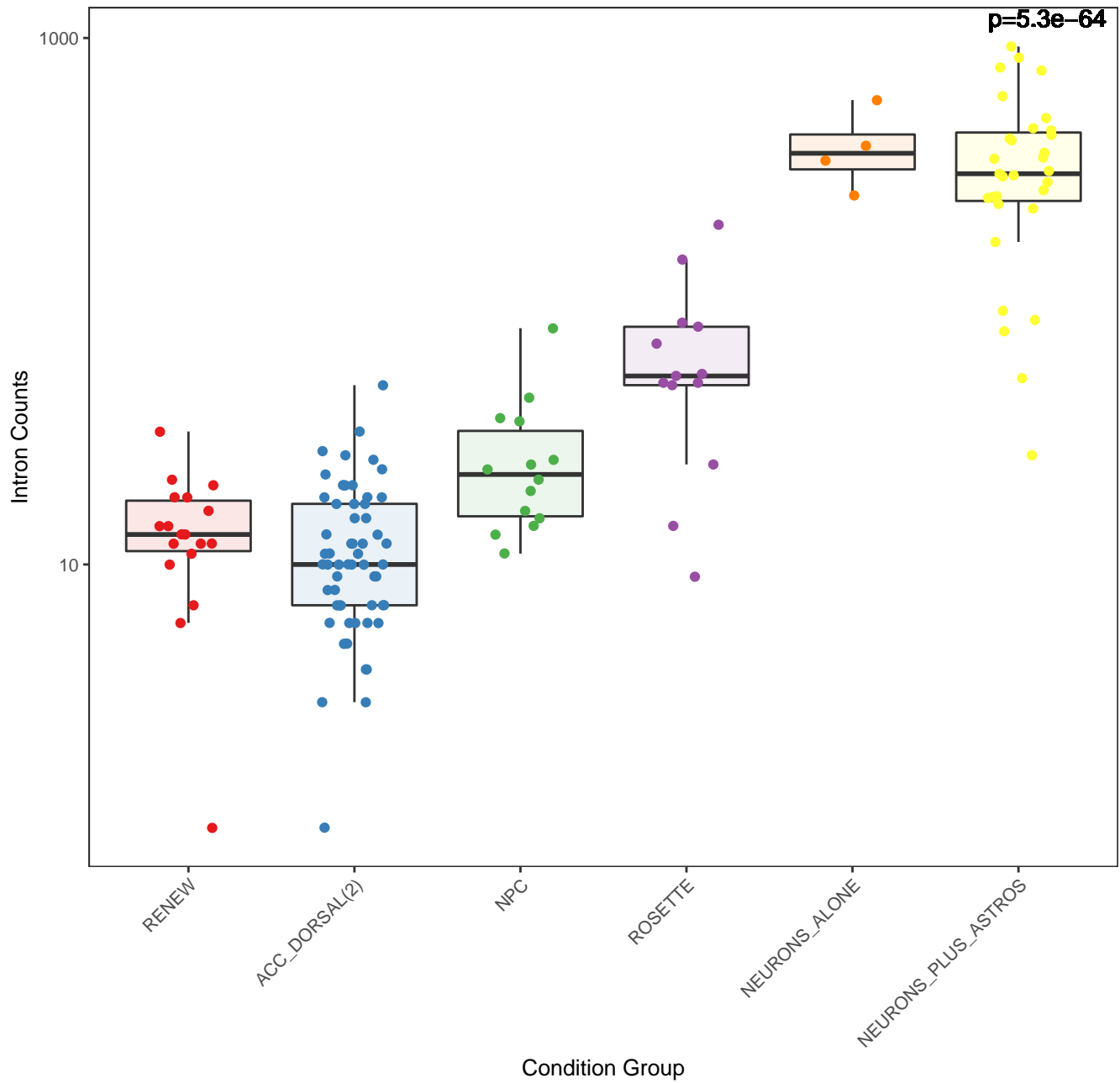
NEURONS\_PLUS\_ASTROS

Condition Group



# Intron: GRIA2





# Intron: REEP1

Intron Counts

$p=6.42 \times 10^{-64}$

RENEW

ACC\_DORSAL(2)

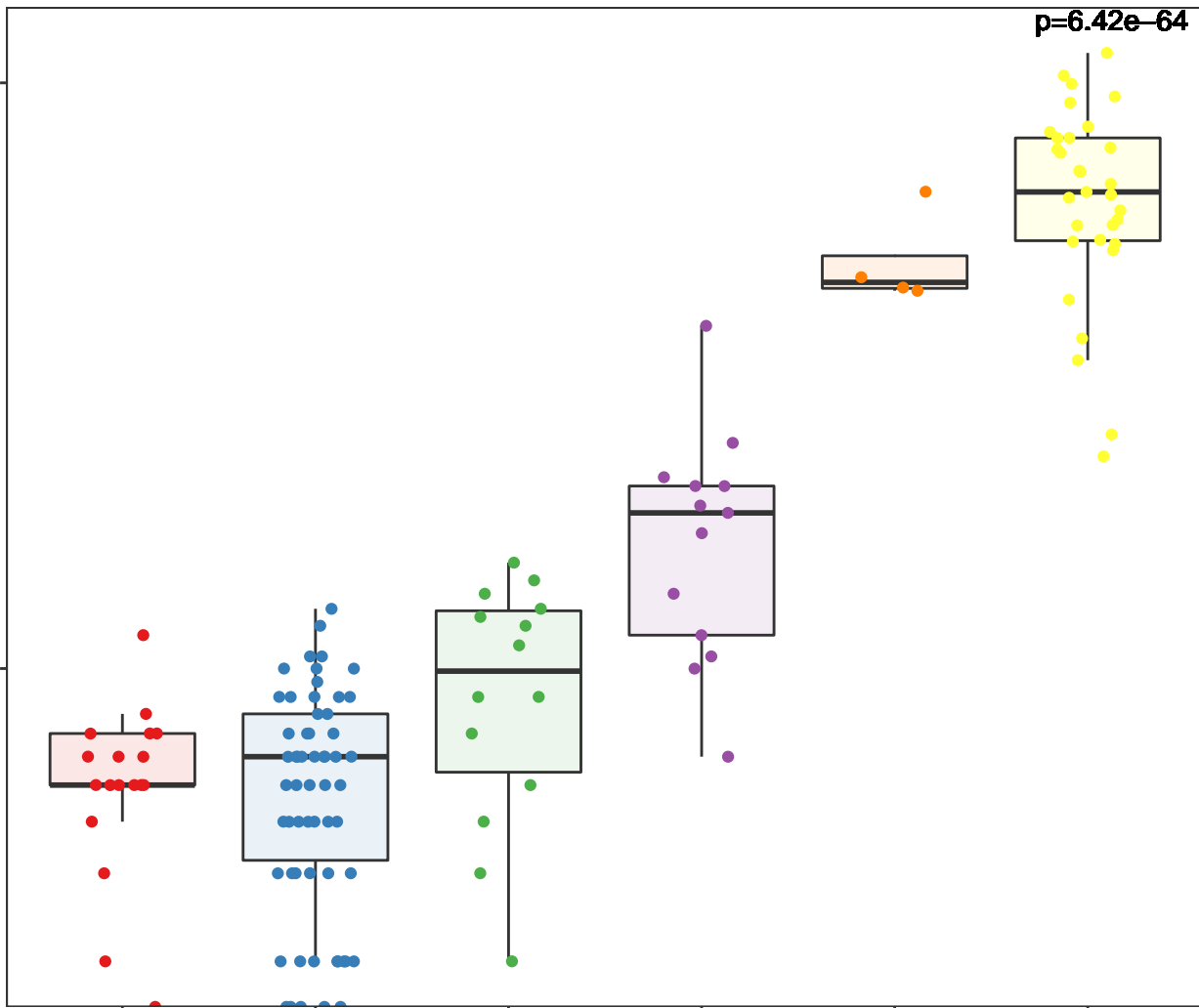
NPC

ROSETTE

NEURONS\_ALONE

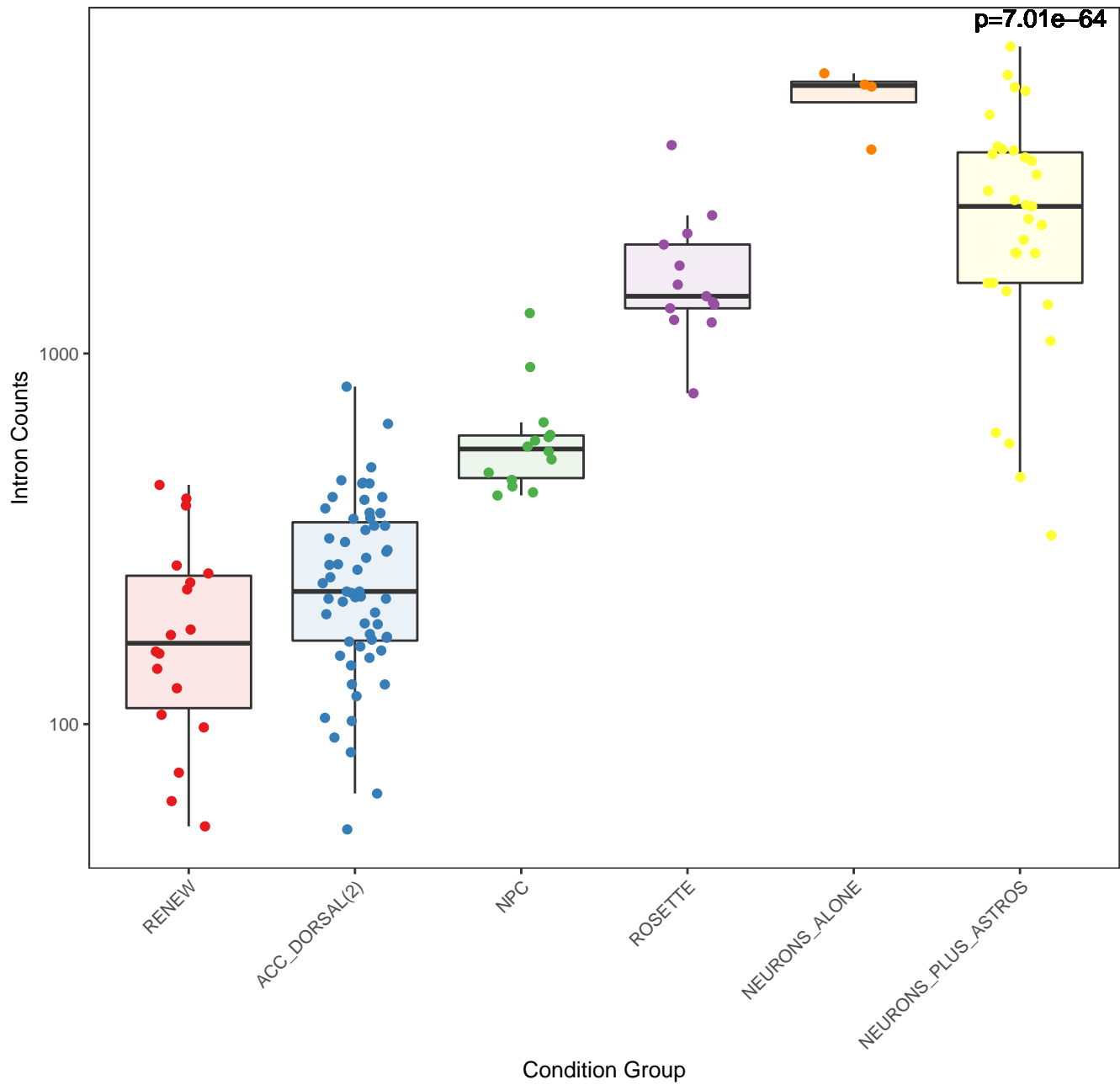
NEURONS\_PLUS\_ASTROS

Condition Group





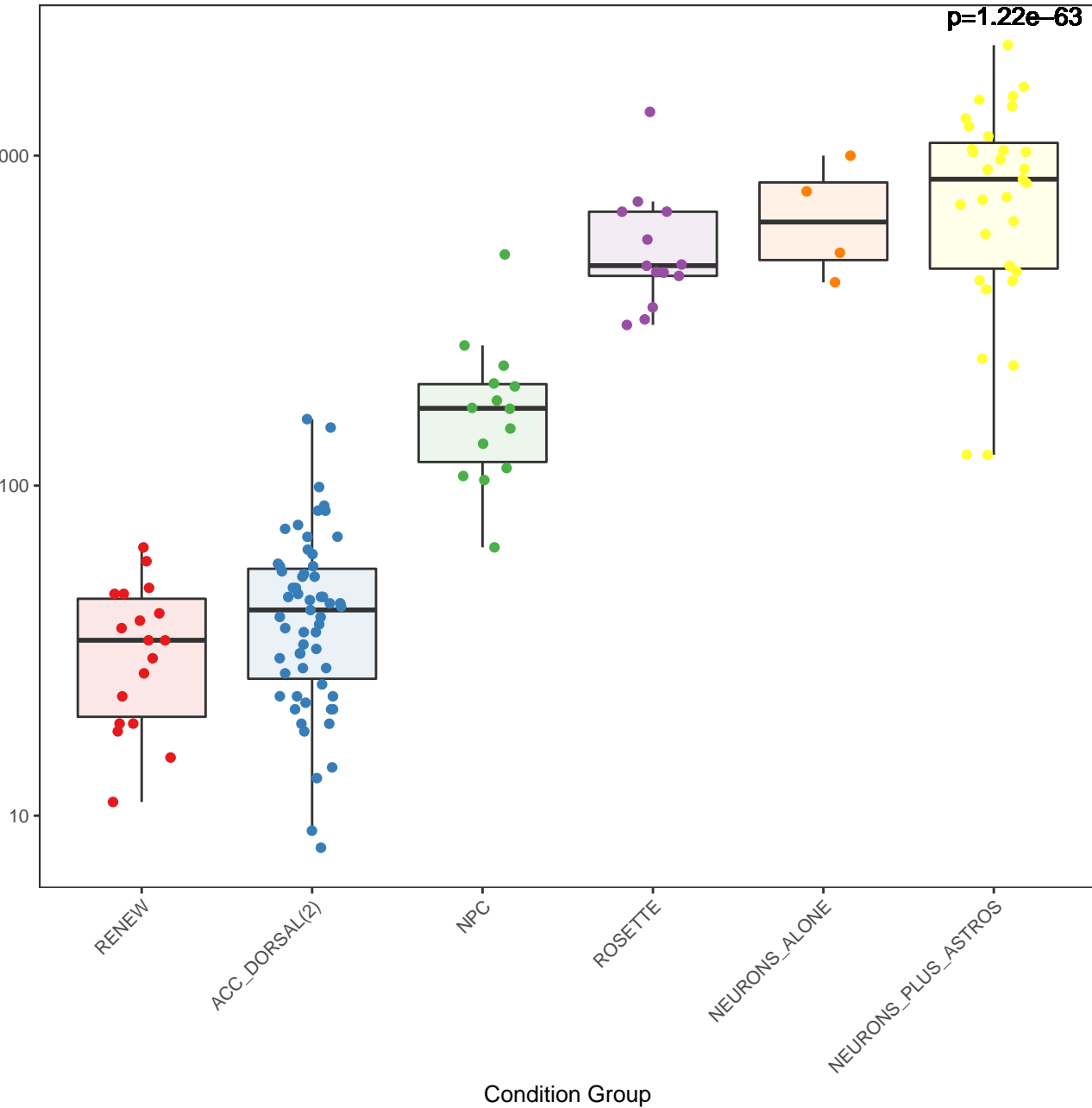
# Intron: CHD3



# Intron: SEPT5

Intron Counts

$p=1.22e-63$



Intron Counts

 $p=1.59e-63$ 

1000

10

RENEW

ACC\_DORSAL(2)

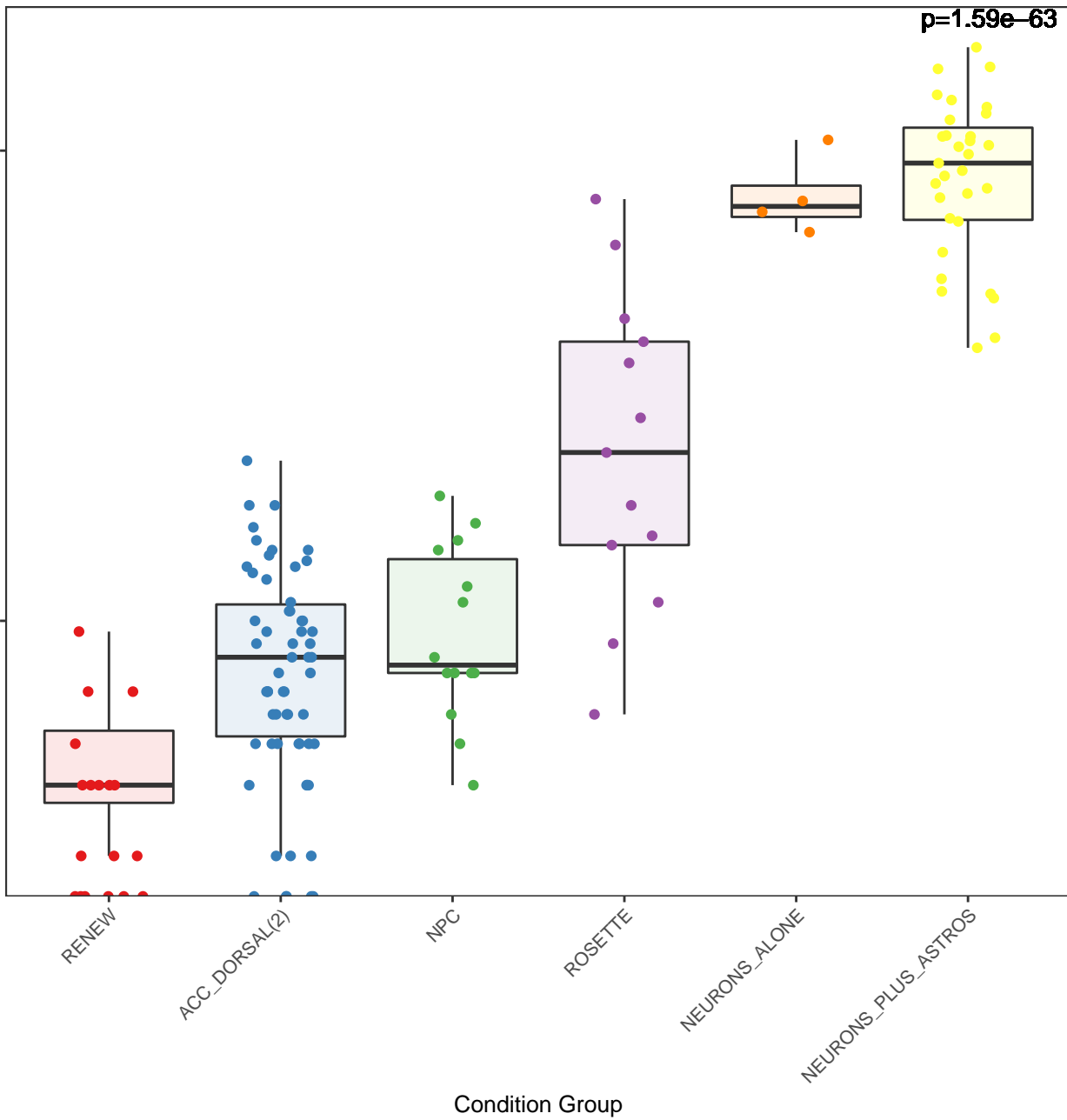
NPC

ROSETTE

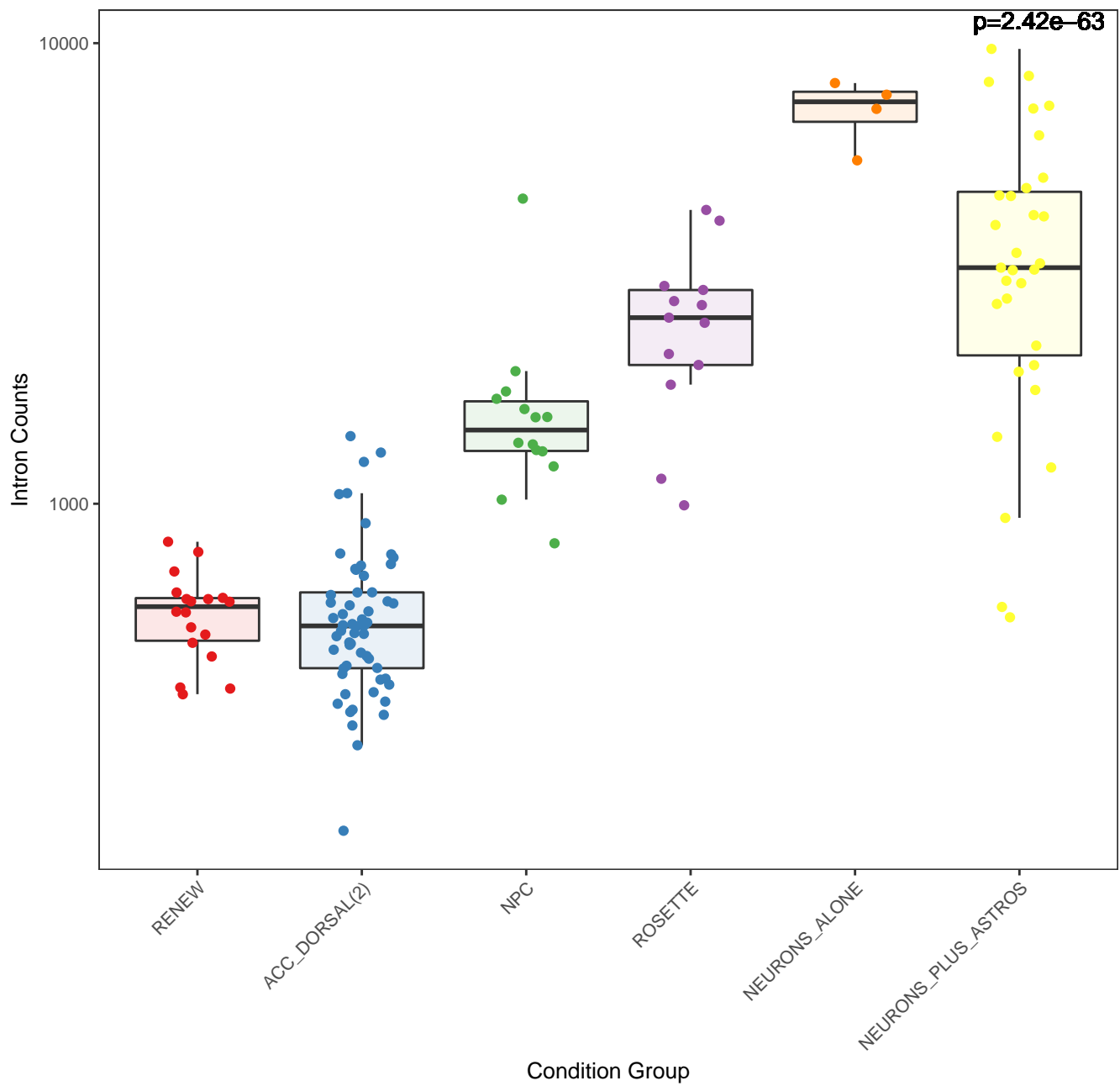
NEURONS\_ALONE

NEURONS\_PLUS\_ASTROS

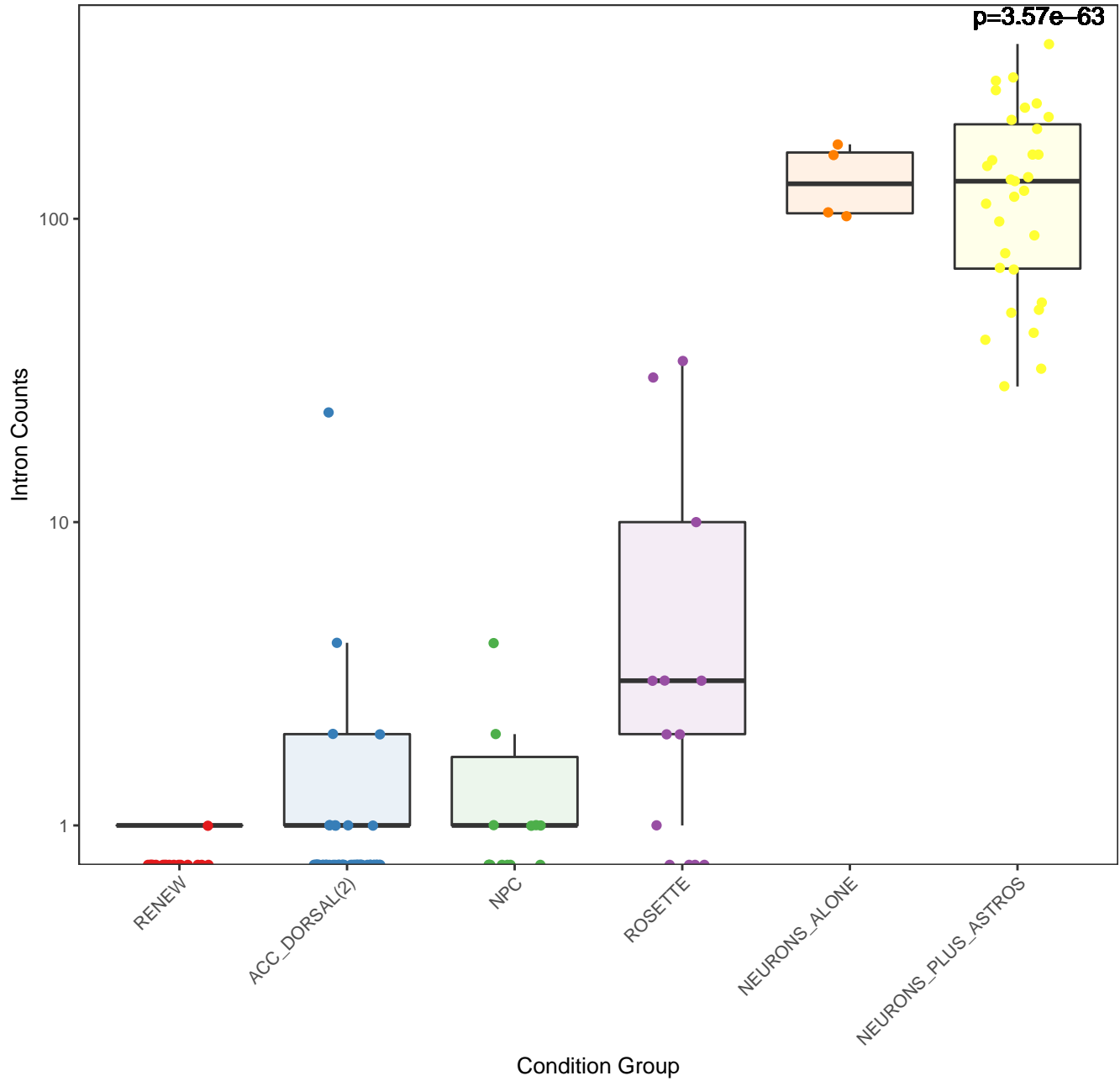
Condition Group



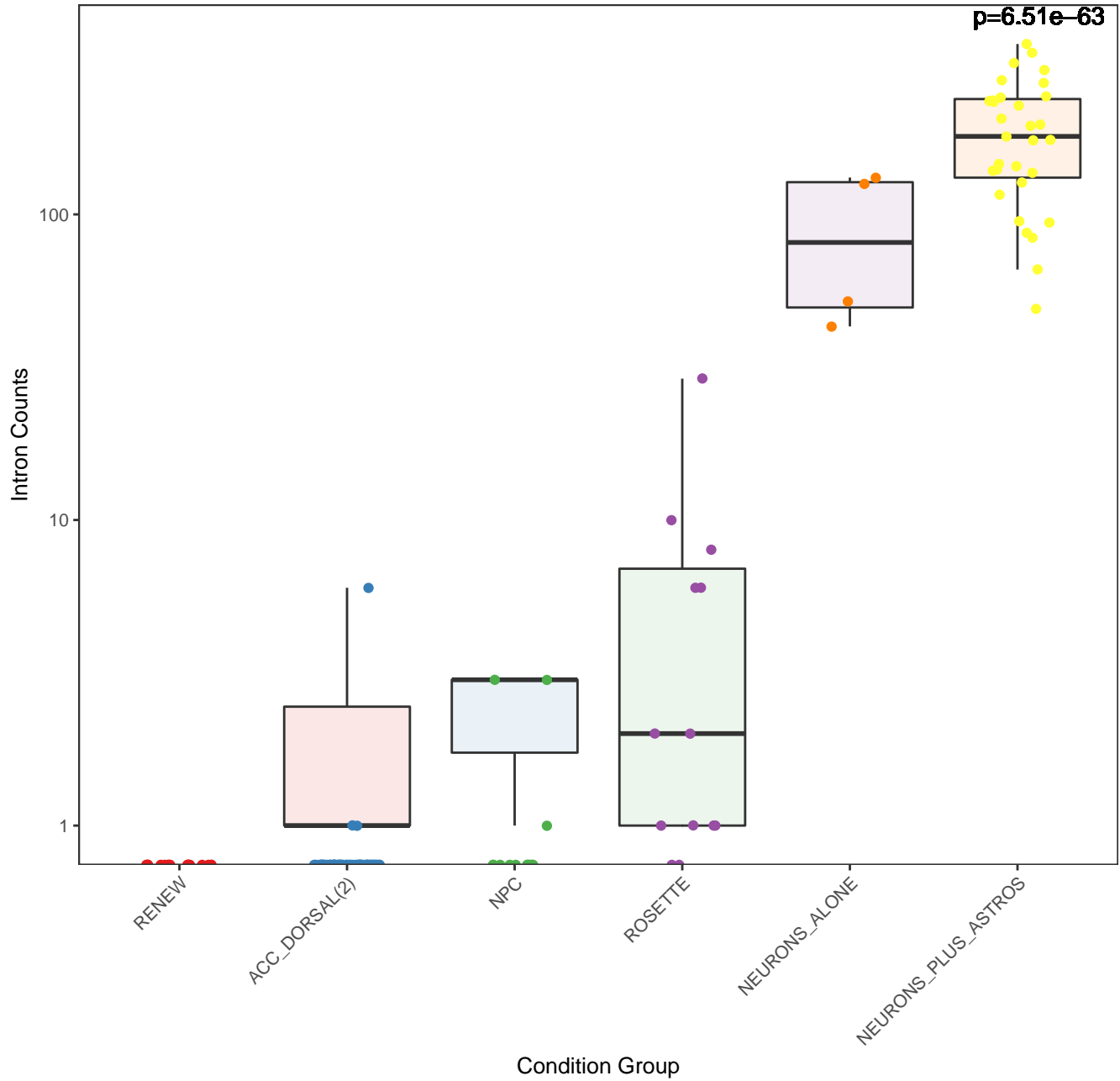
# Intron: TERF2IP



# Intron: GRIA2



# Intron: GRIA2



# Intron: GOLGA7B

Intron Counts

$p=8.51e-63$

1000

10

RENEW

ACC\_DORSAL(2)

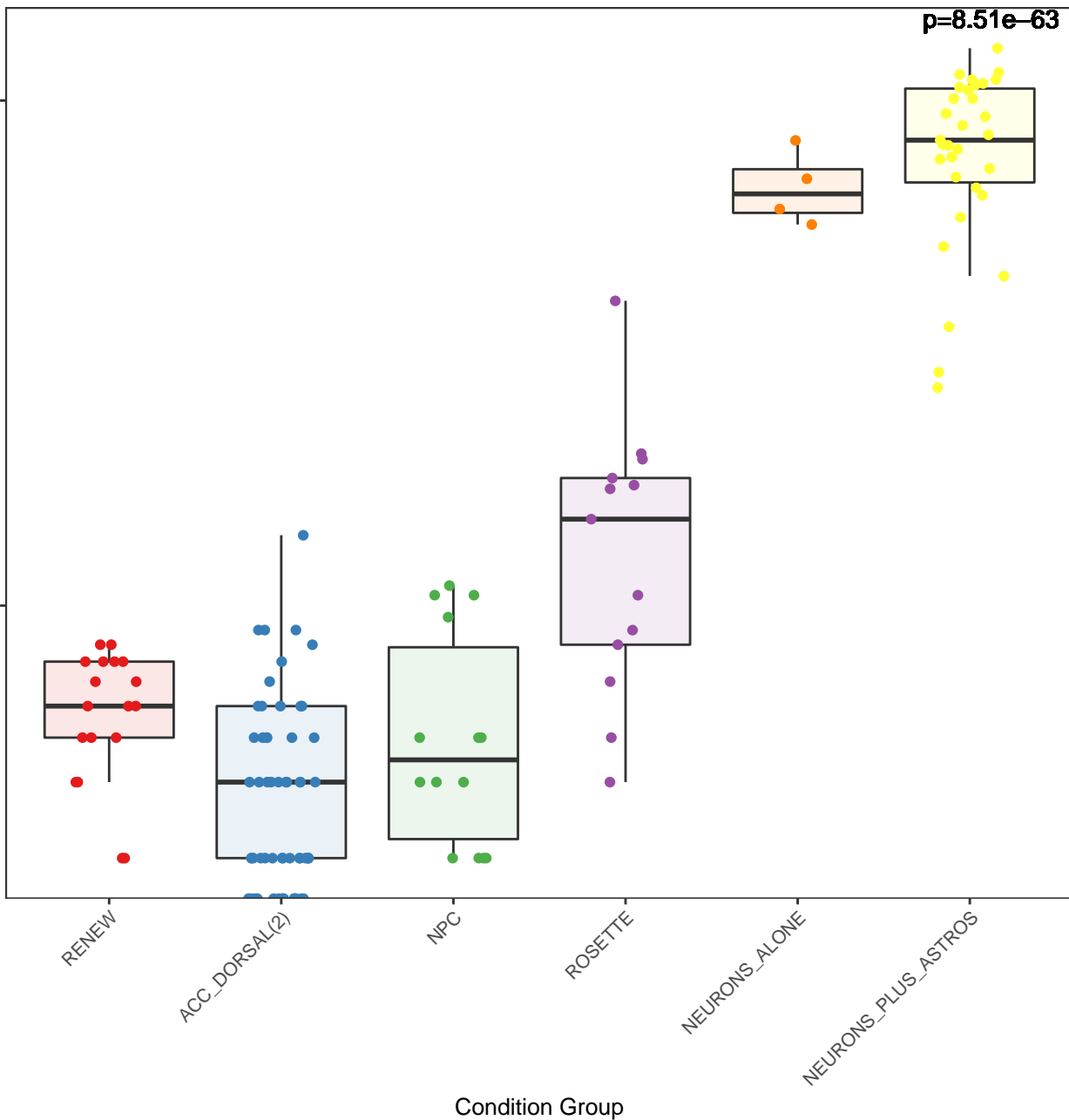
NPC

ROSETTE

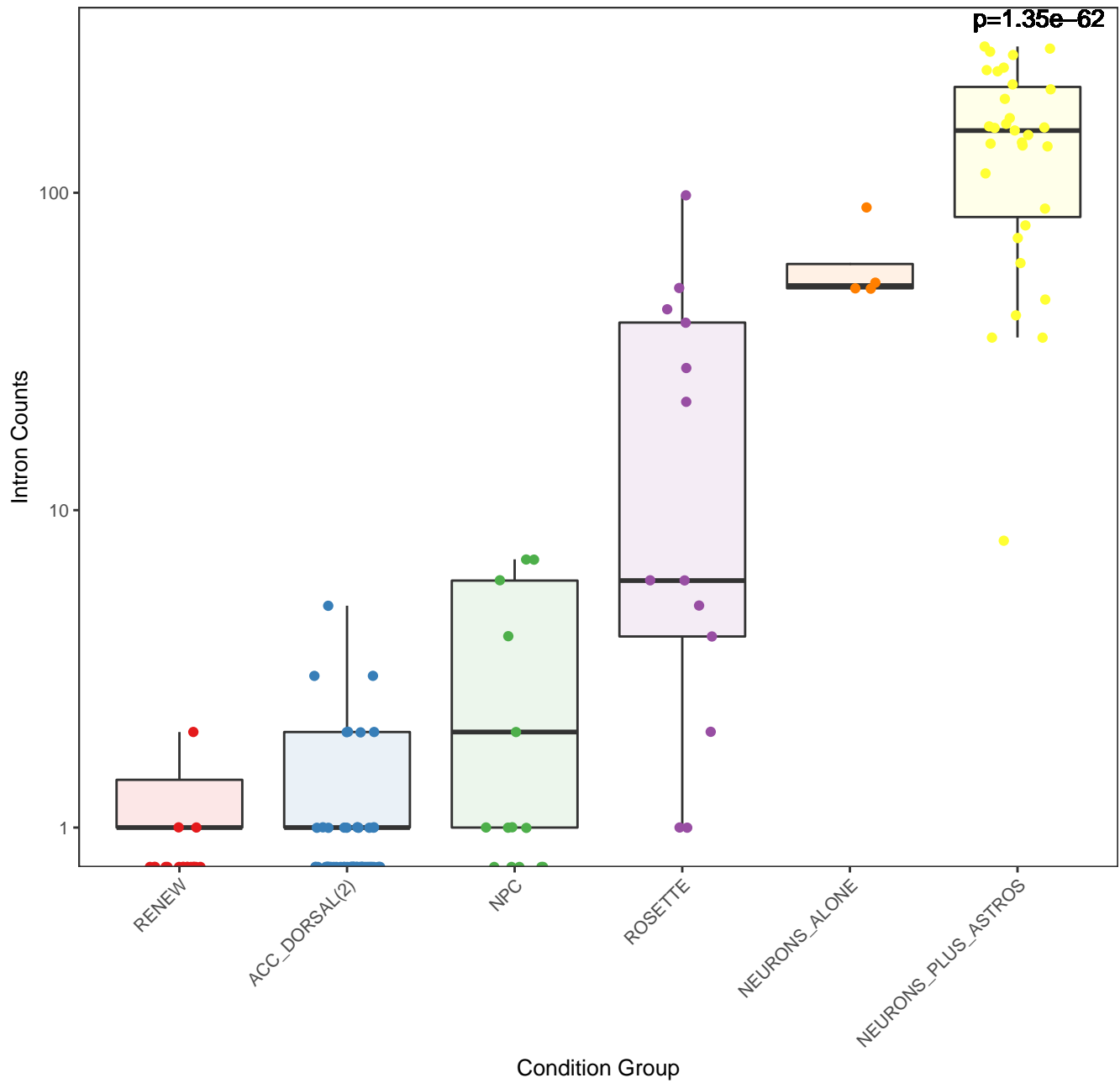
NEURONS\_ALONE

NEURONS\_PLUS\_ASTROS

Condition Group



# Intron: SYT5





# Intron: NDRG4

Intron Counts

$p=2.67 \times 10^{-62}$

RENEW

ACC\_DORSAL(2)

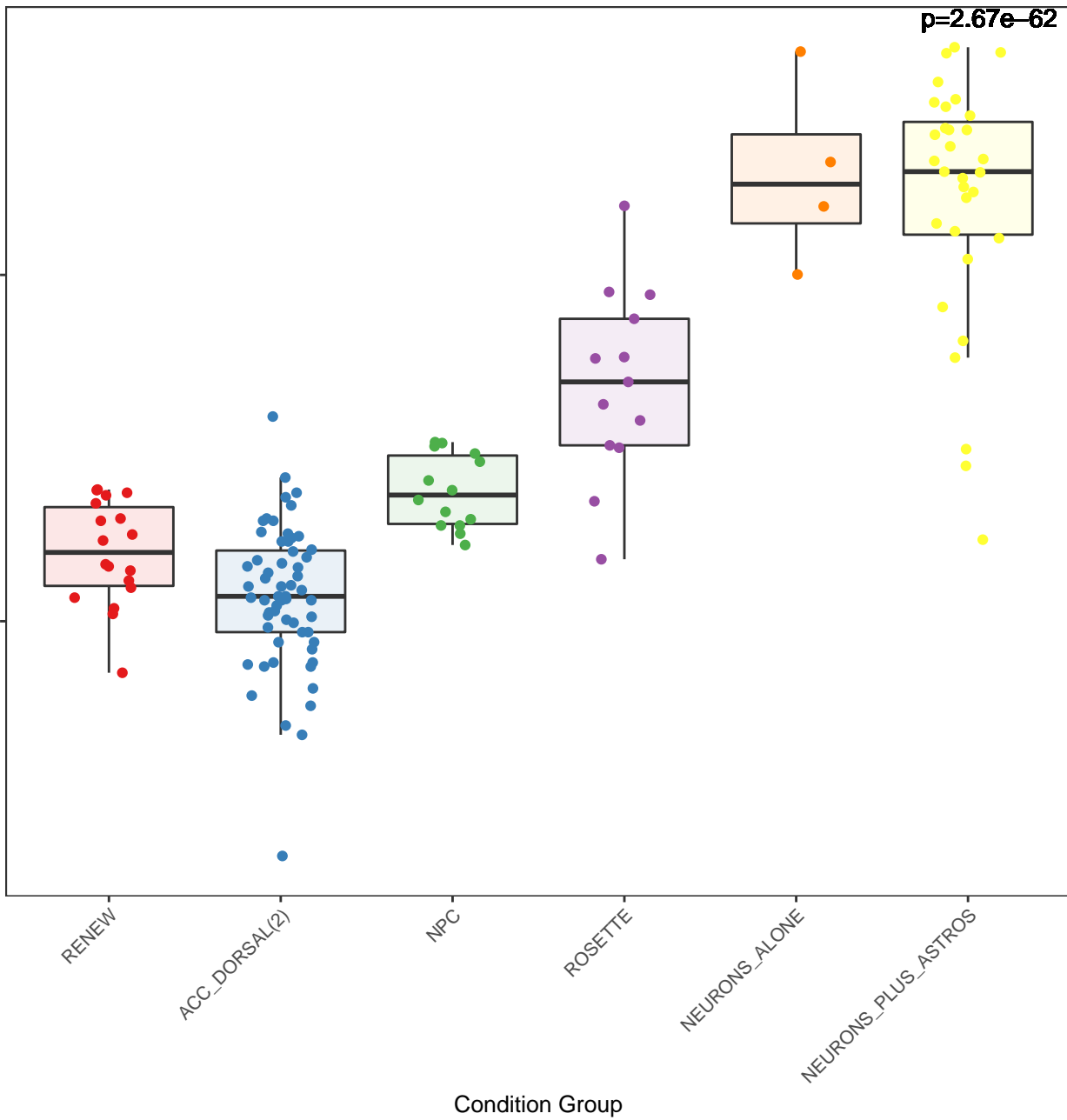
NPC

ROSETTE

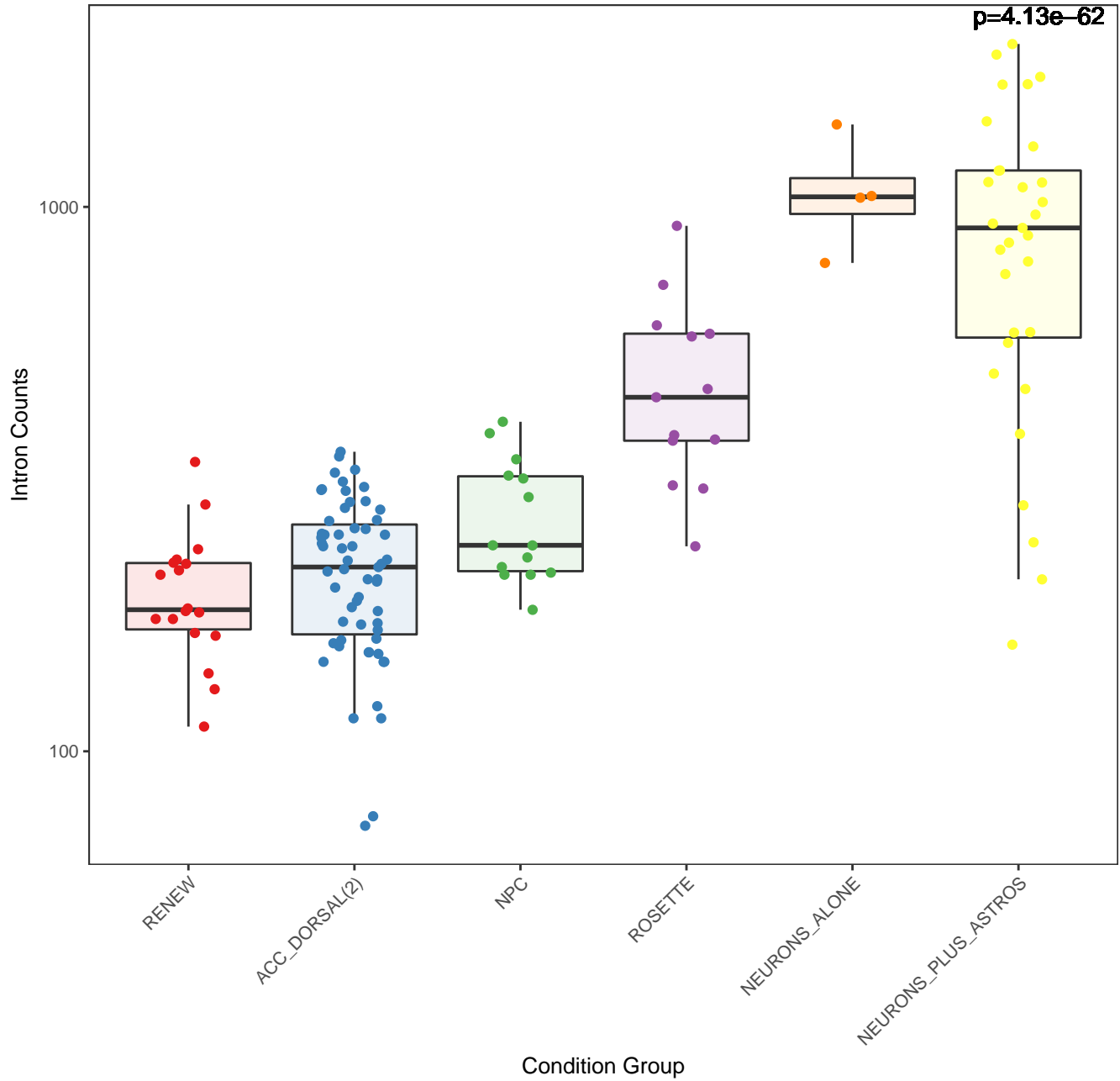
NEURONS\_ALONE

NEURONS\_PLUS\_ASTROS

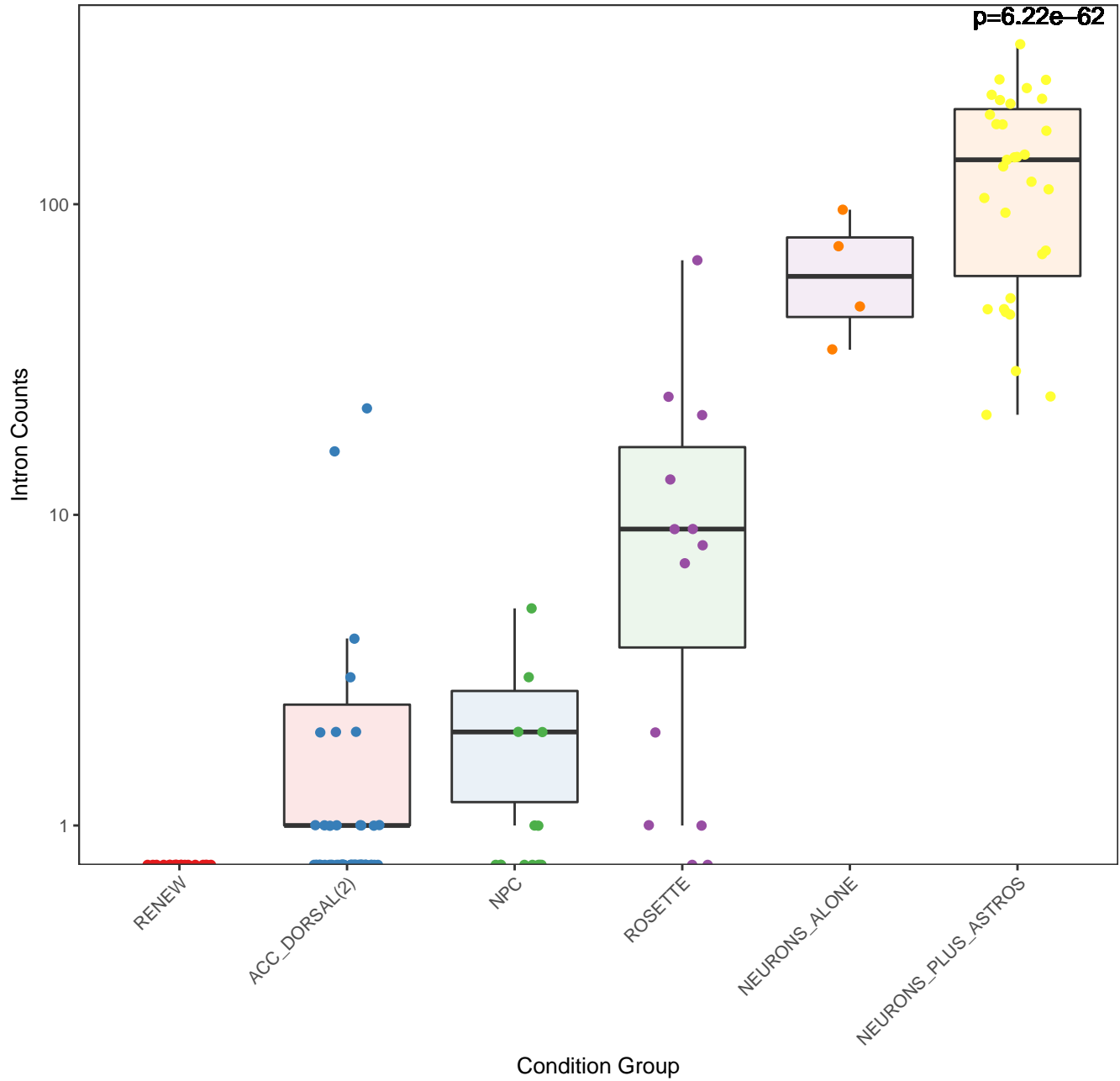
Condition Group



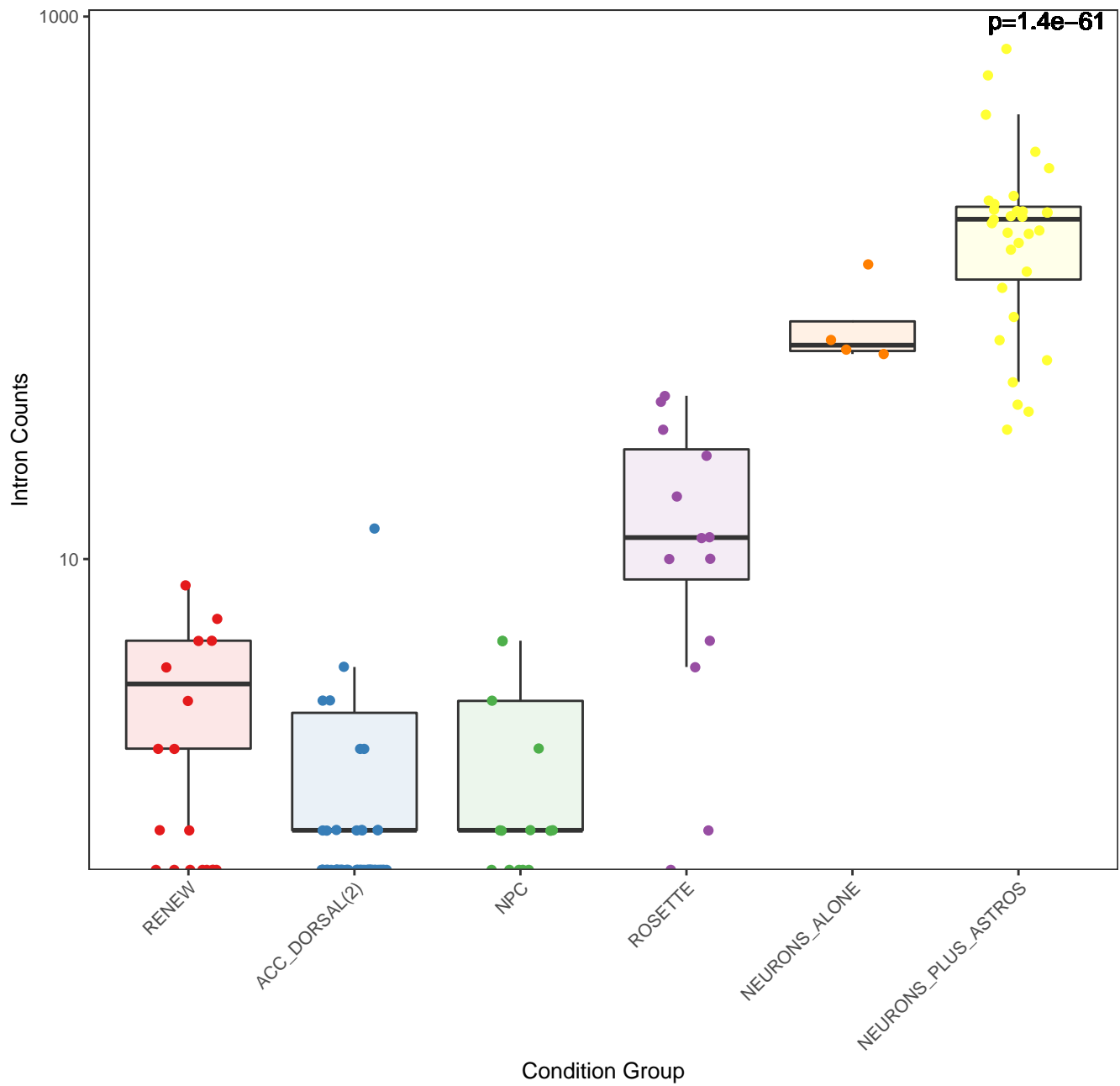
# Intron: PARP6



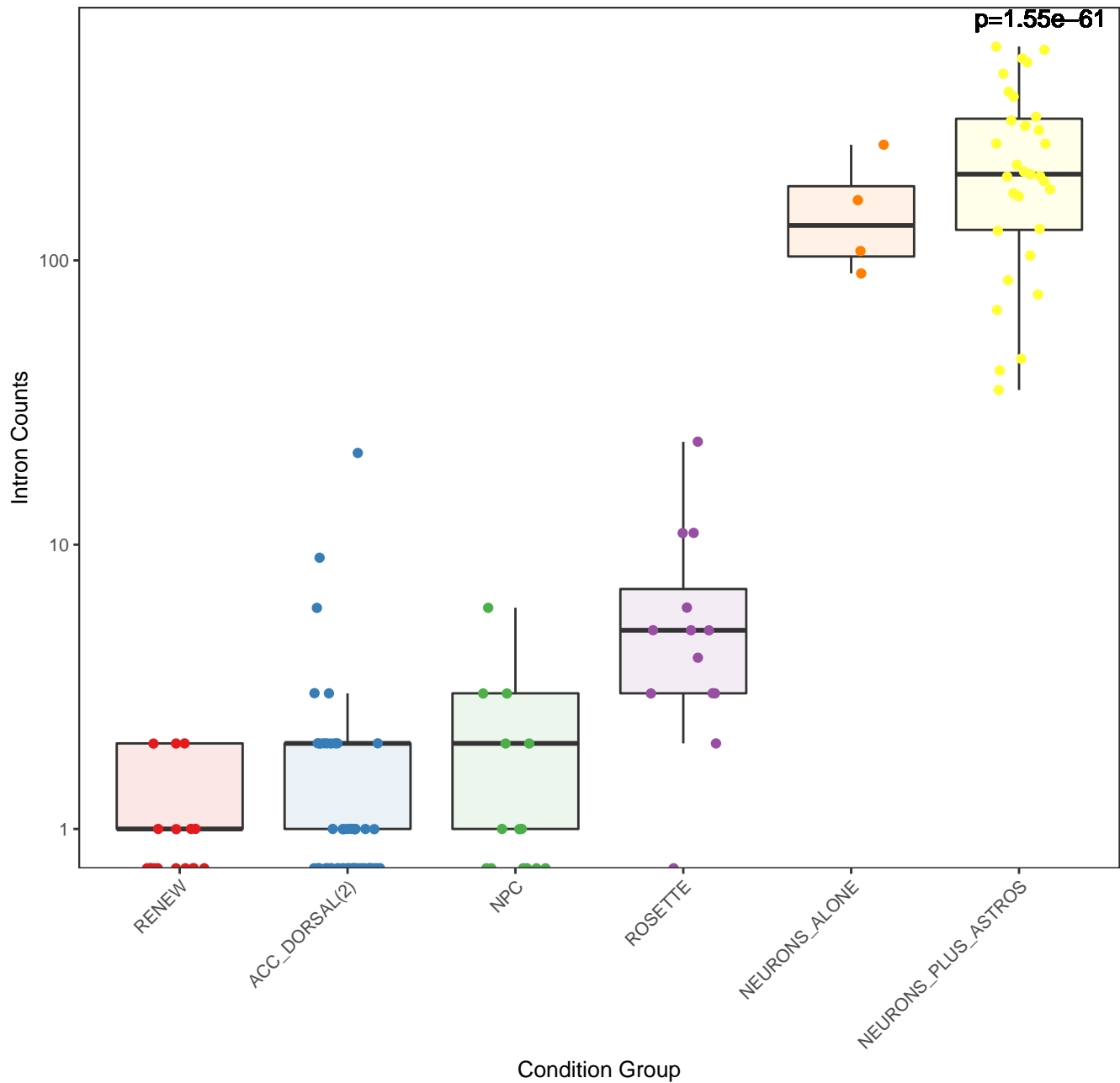
# Intron: SCN3A



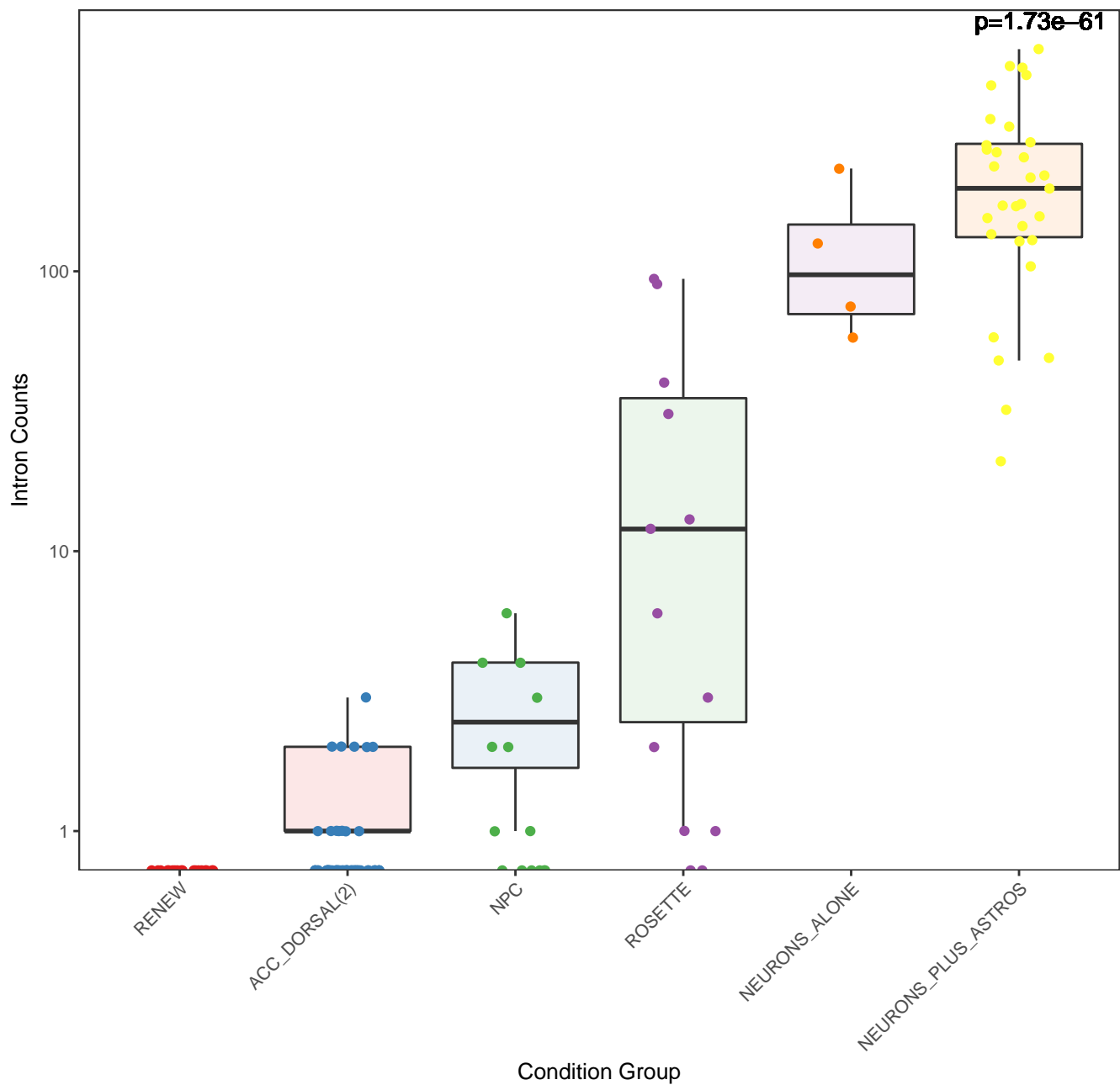
# Intron: RALYL



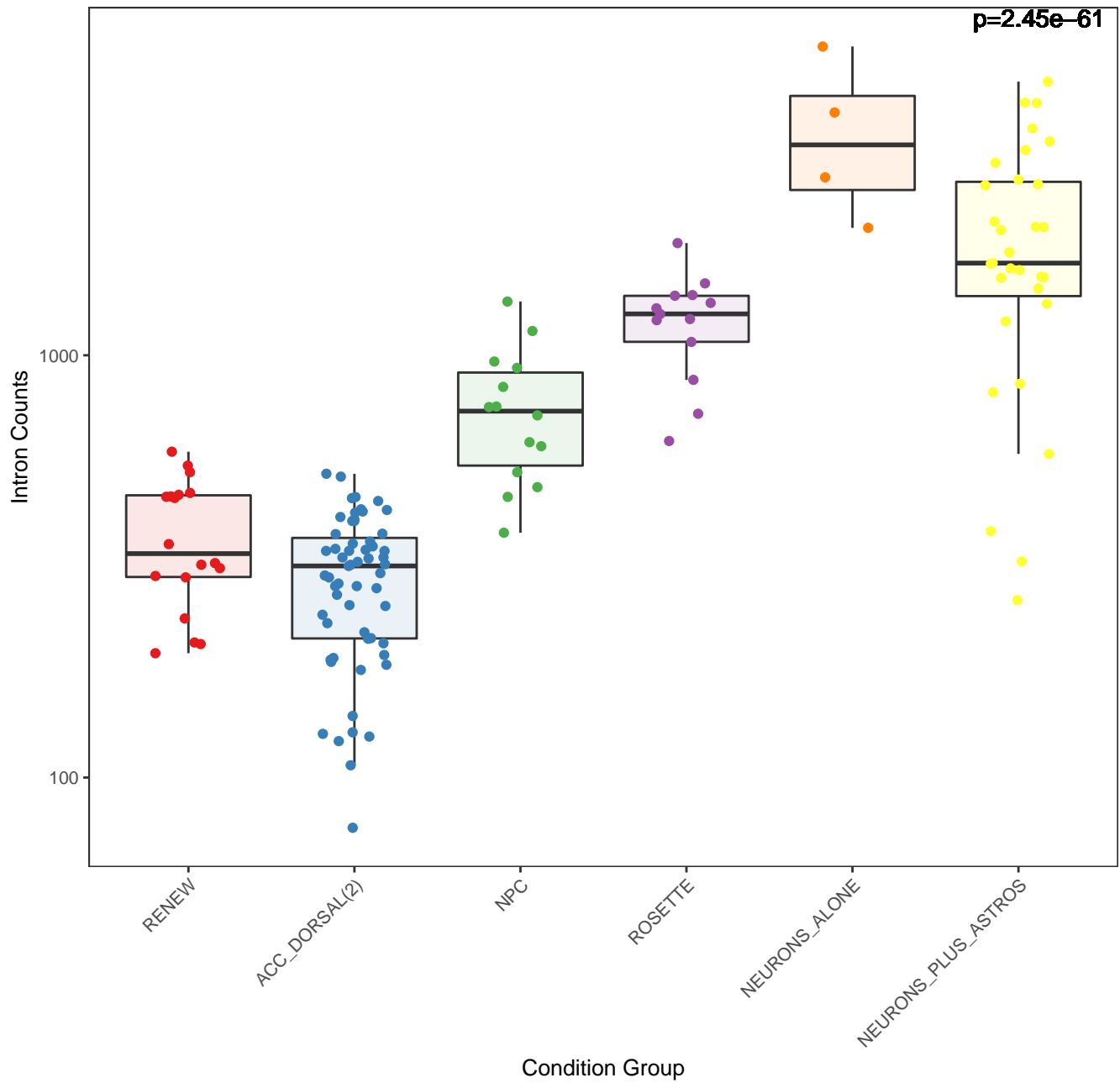
Intron: LRRC7



# Intron: SMIM18



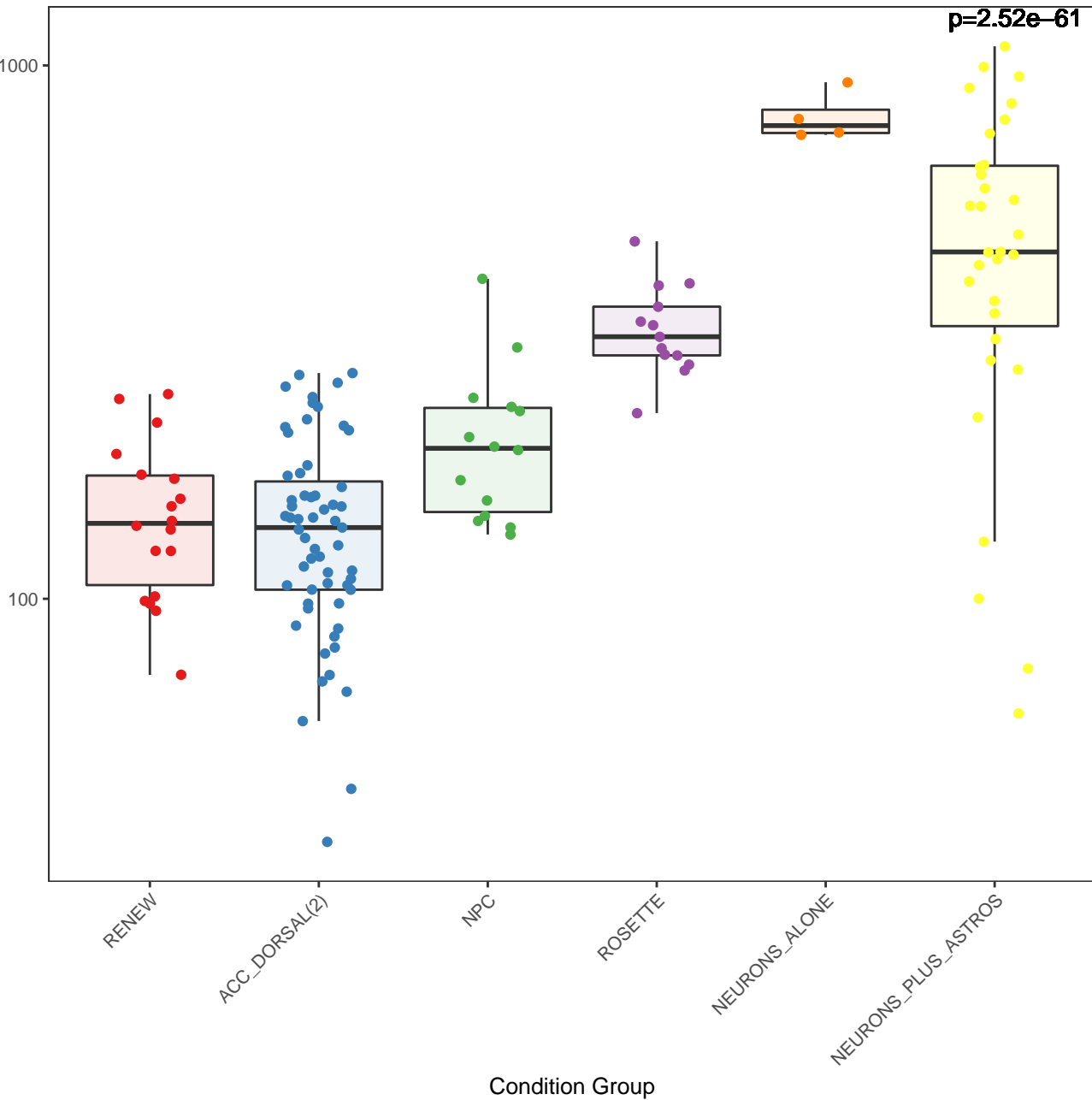
# Intron: FAM219A



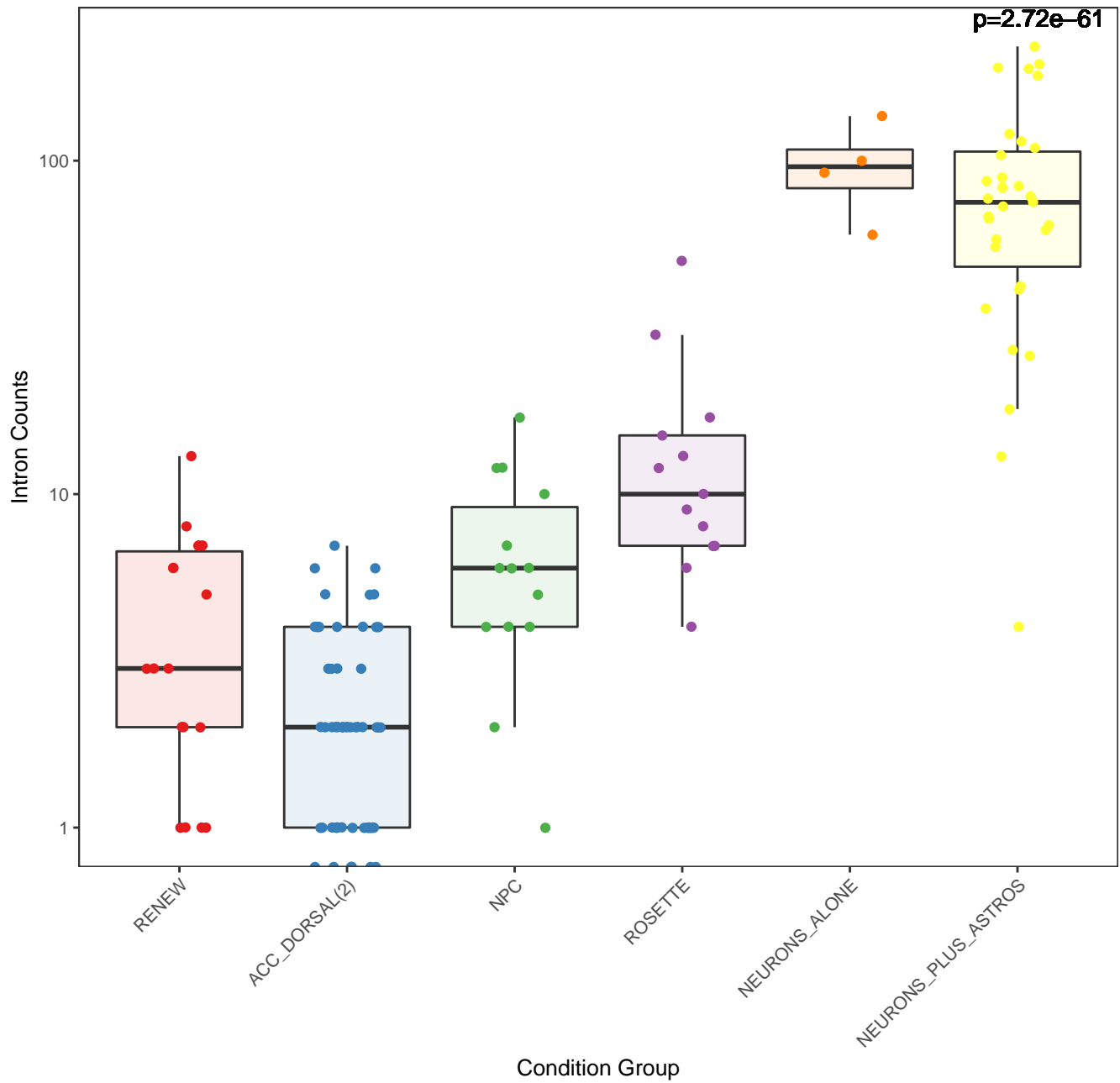
# Intron: NDFIP1

Intron Counts

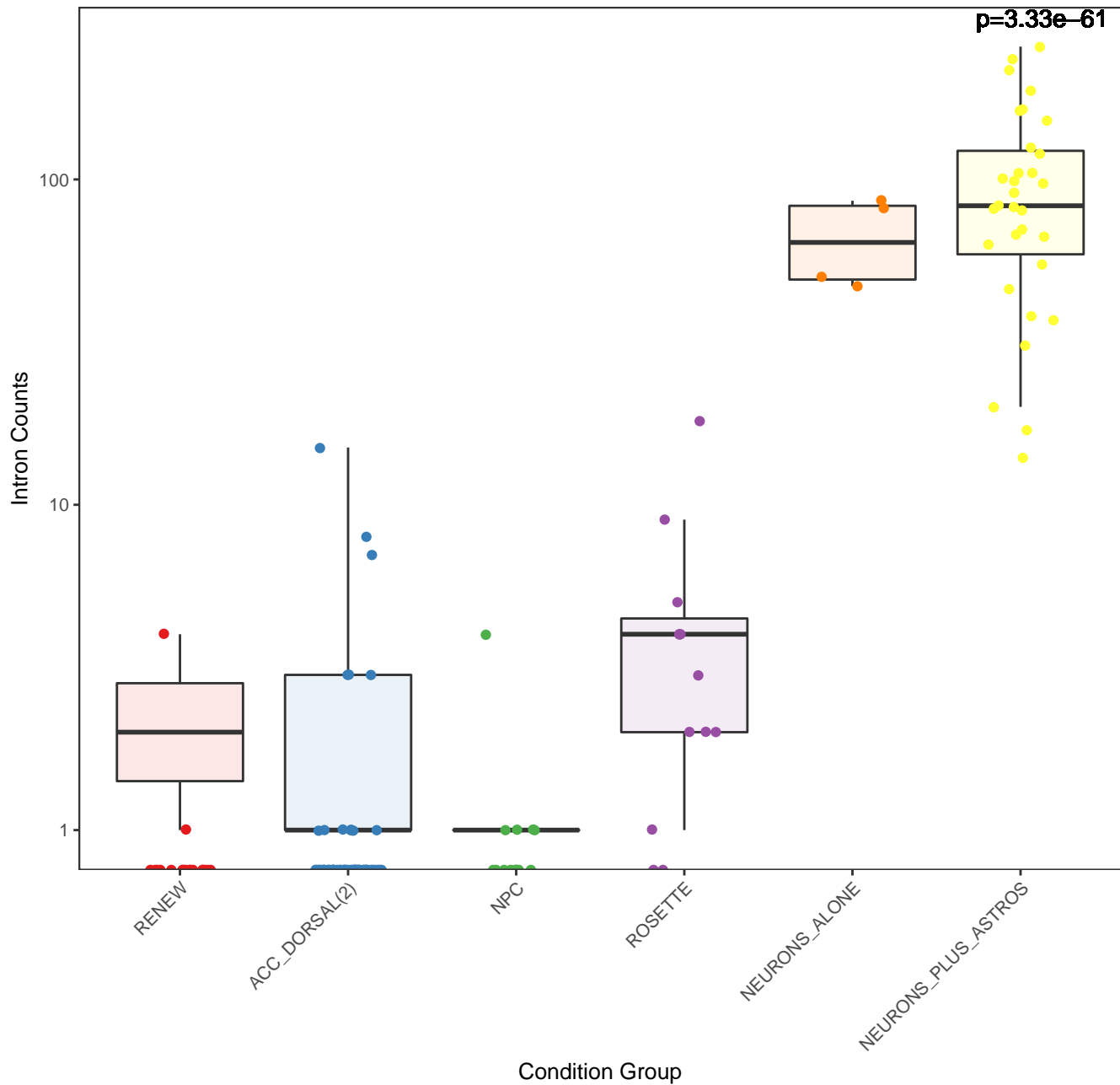
$p=2.52e-61$



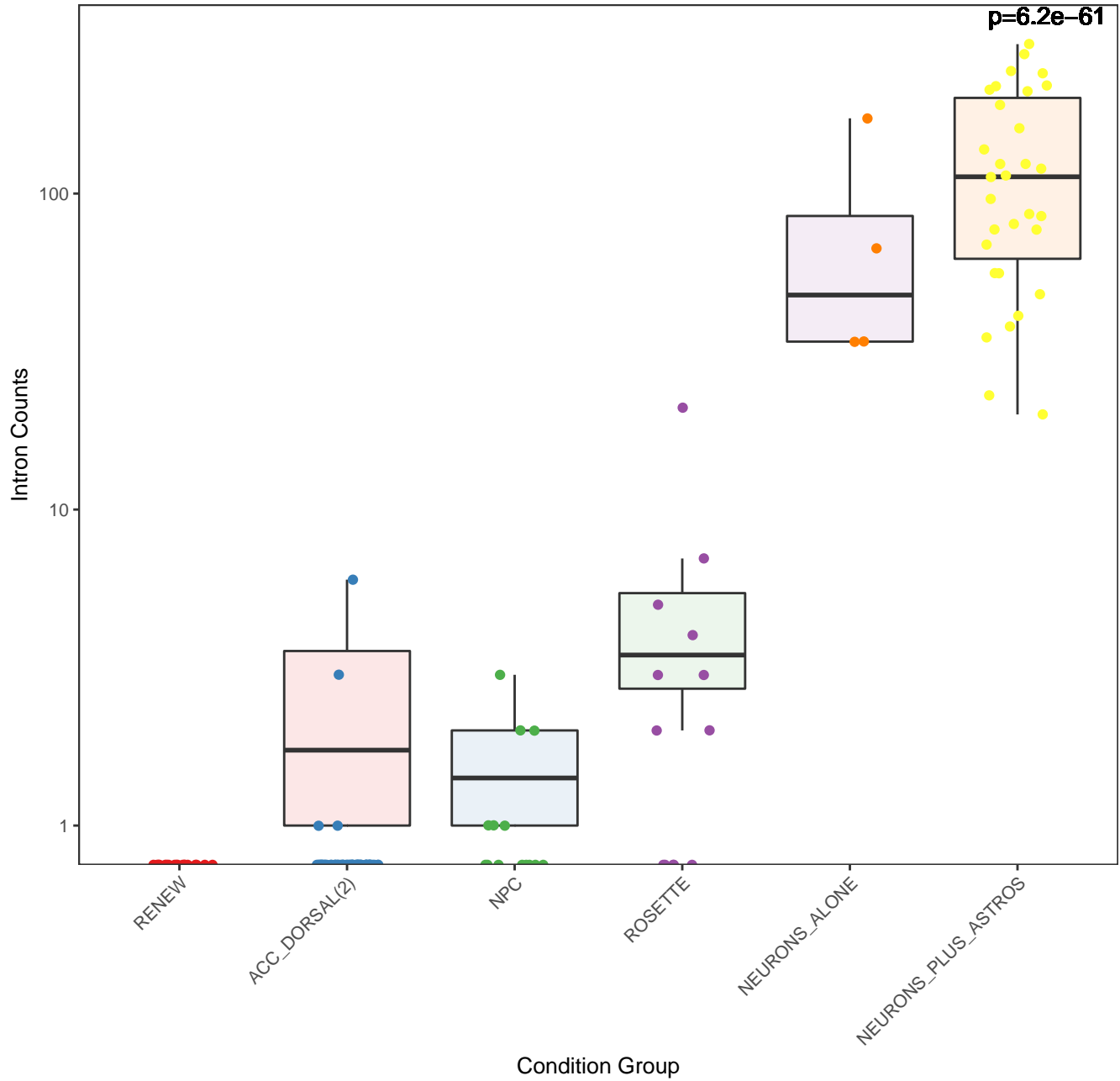




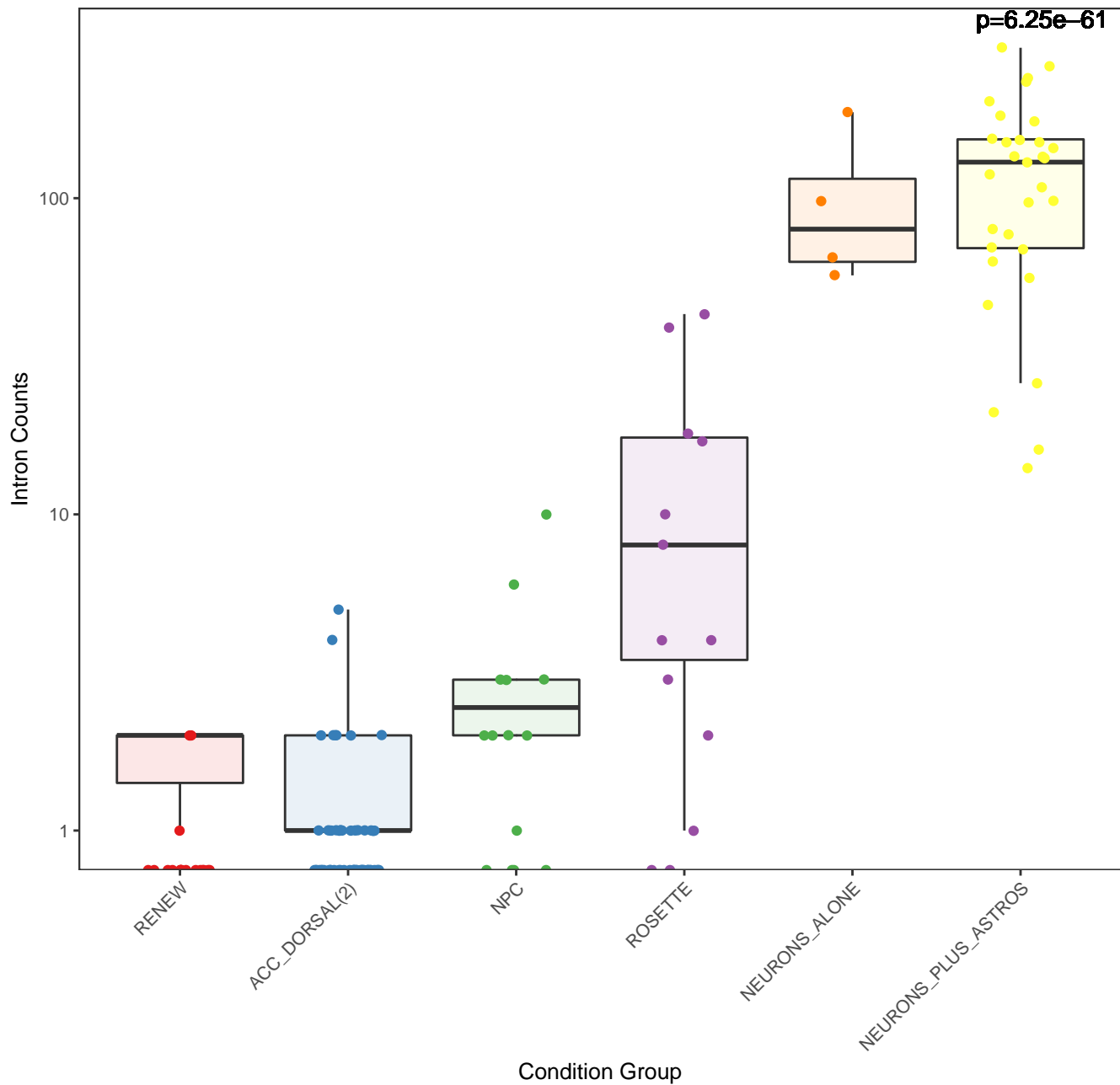
Intron: LRRC7

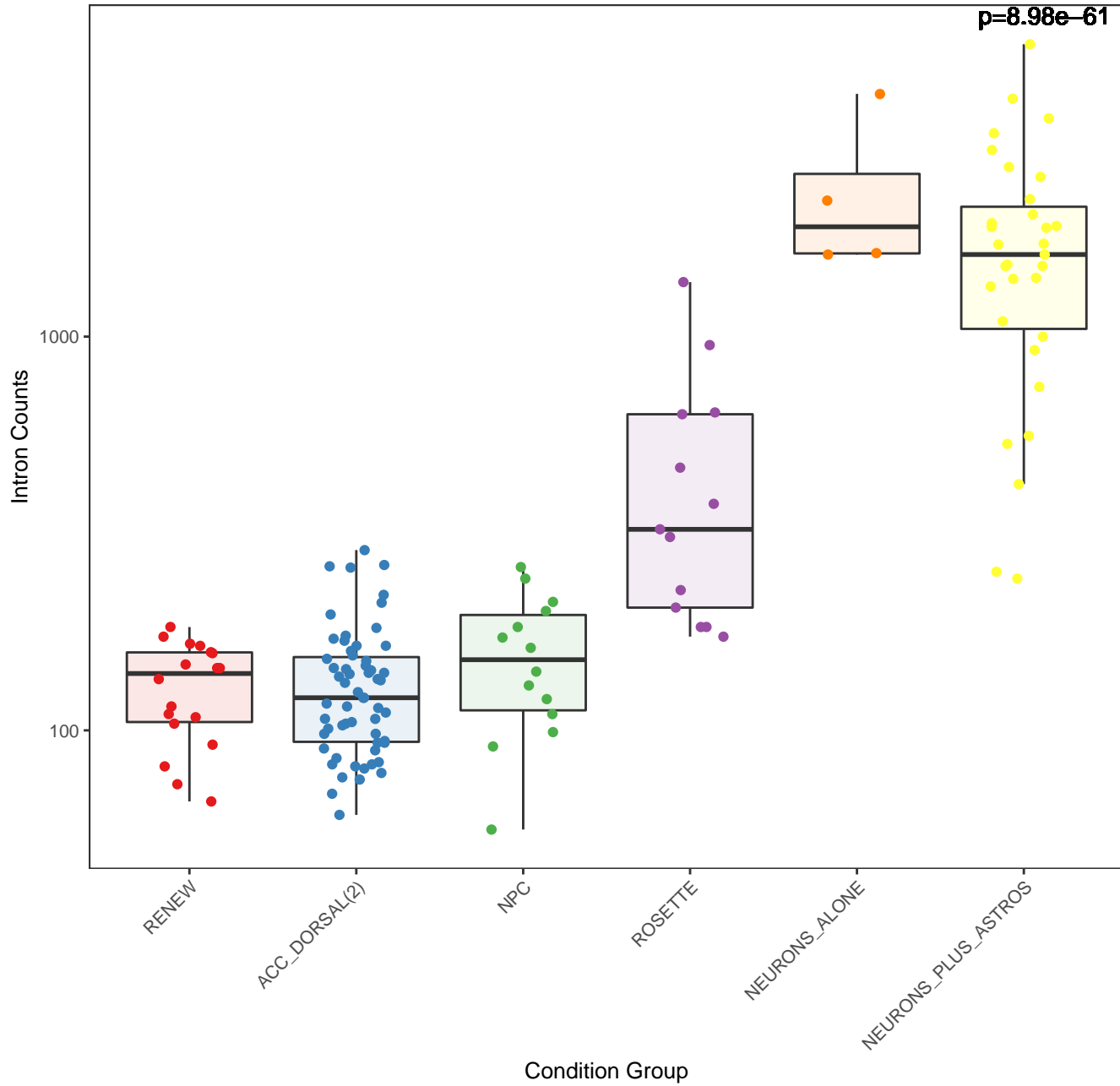


# Intron: GRIA2

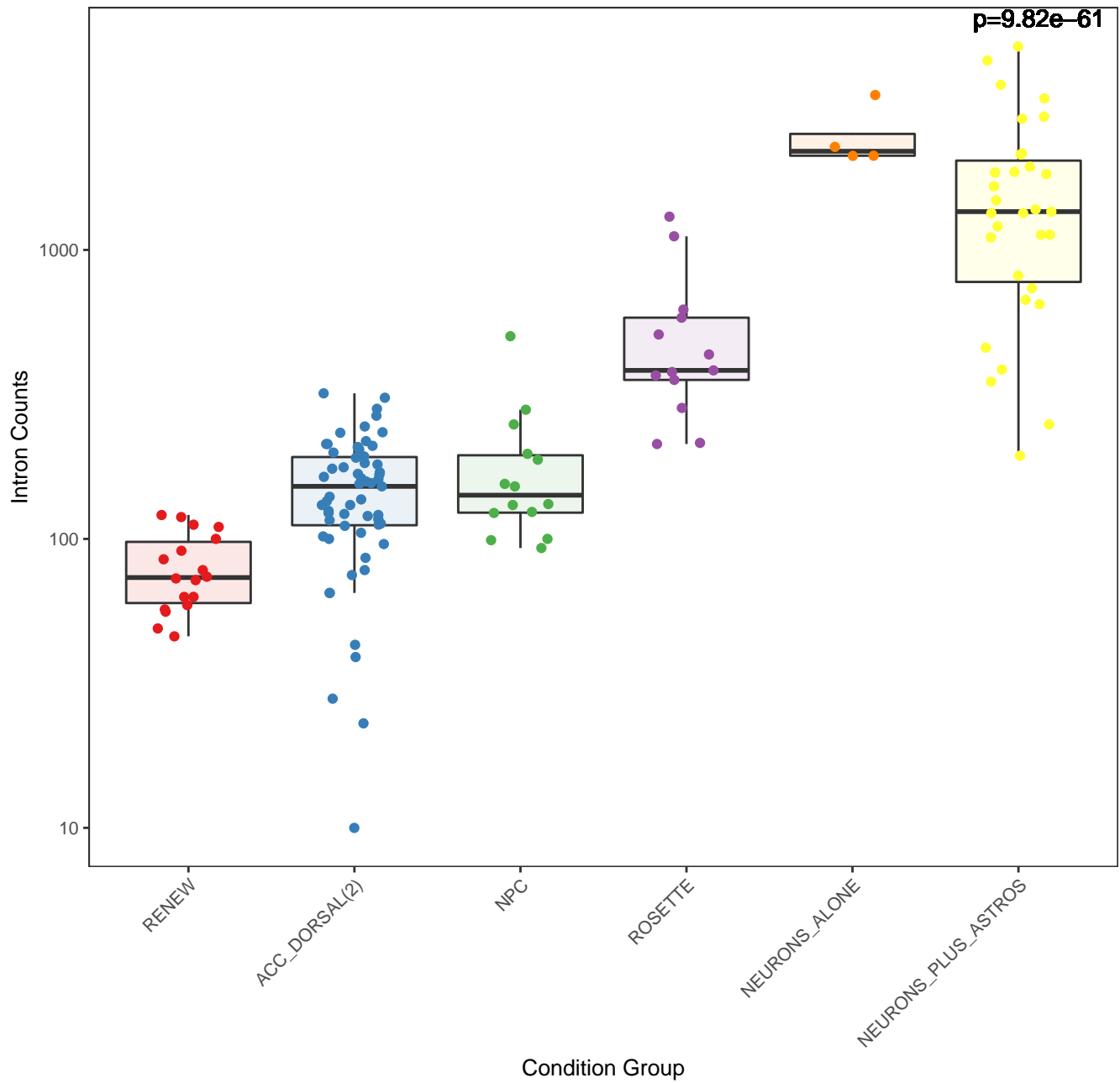


# Intron: SNAP25





# Intron: RIMS1



# Intron: CAMK2B

Intron Counts

$p=1.27e-60$

RENEW

ACC\_DORSAL(2)

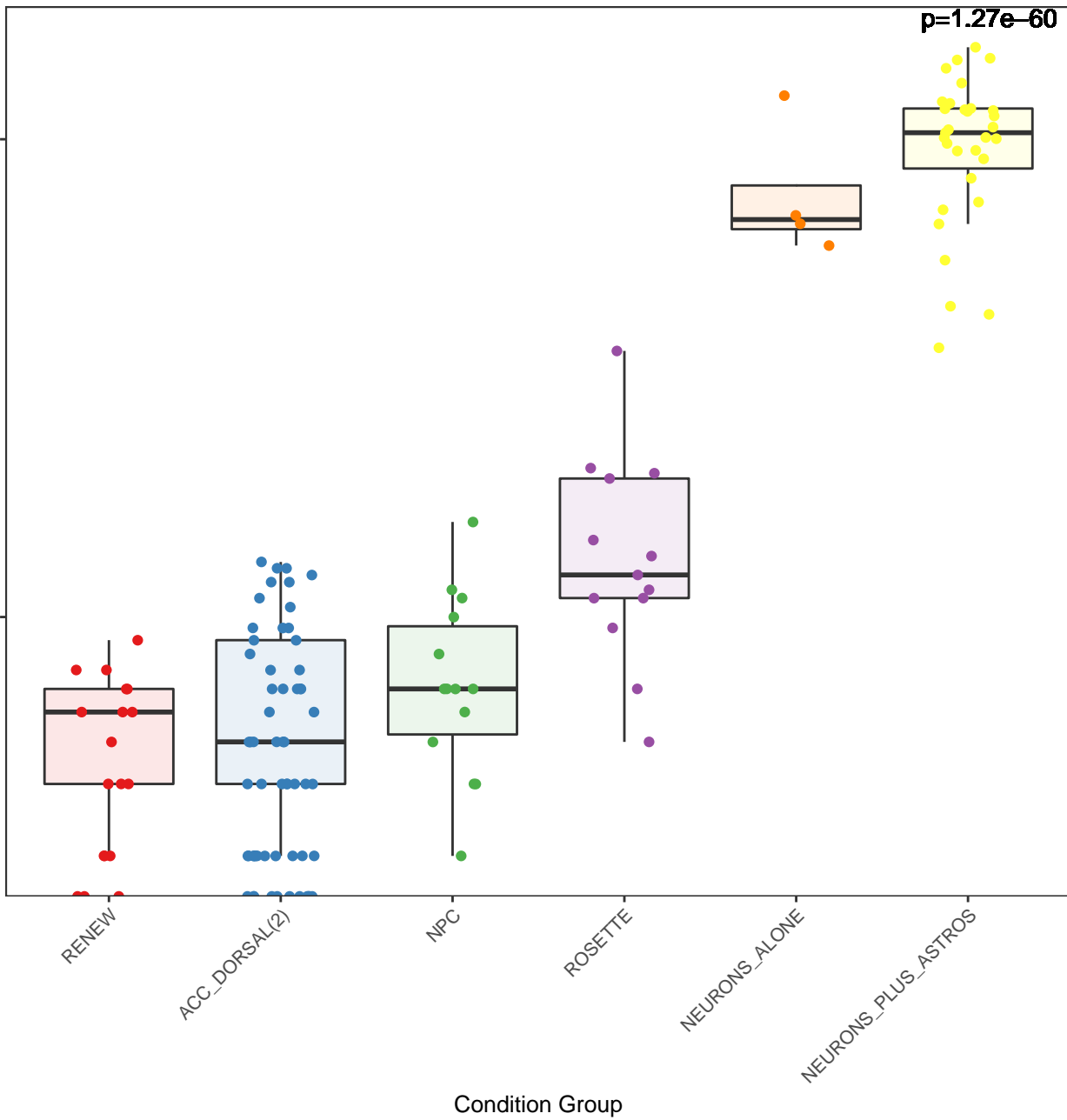
NPC

ROSETTE

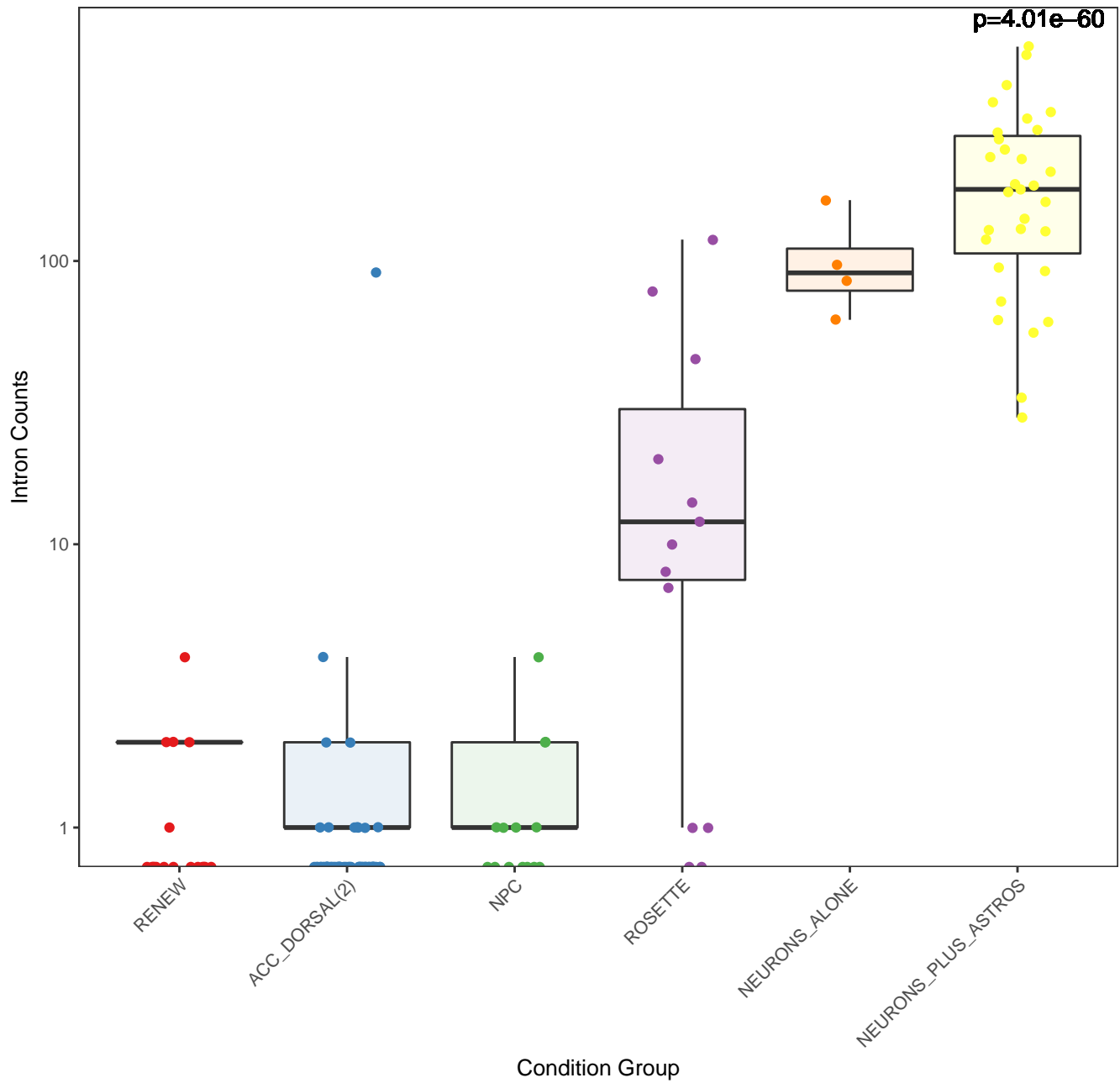
NEURONS\_ALONE

NEURONS\_PLUS\_ASTROS

Condition Group



# Intron: MYT1L





# Intron: SARAF

Intron Counts

1000

$p=6.13e-60$

RENEW

ACC\_DORSAL(2)

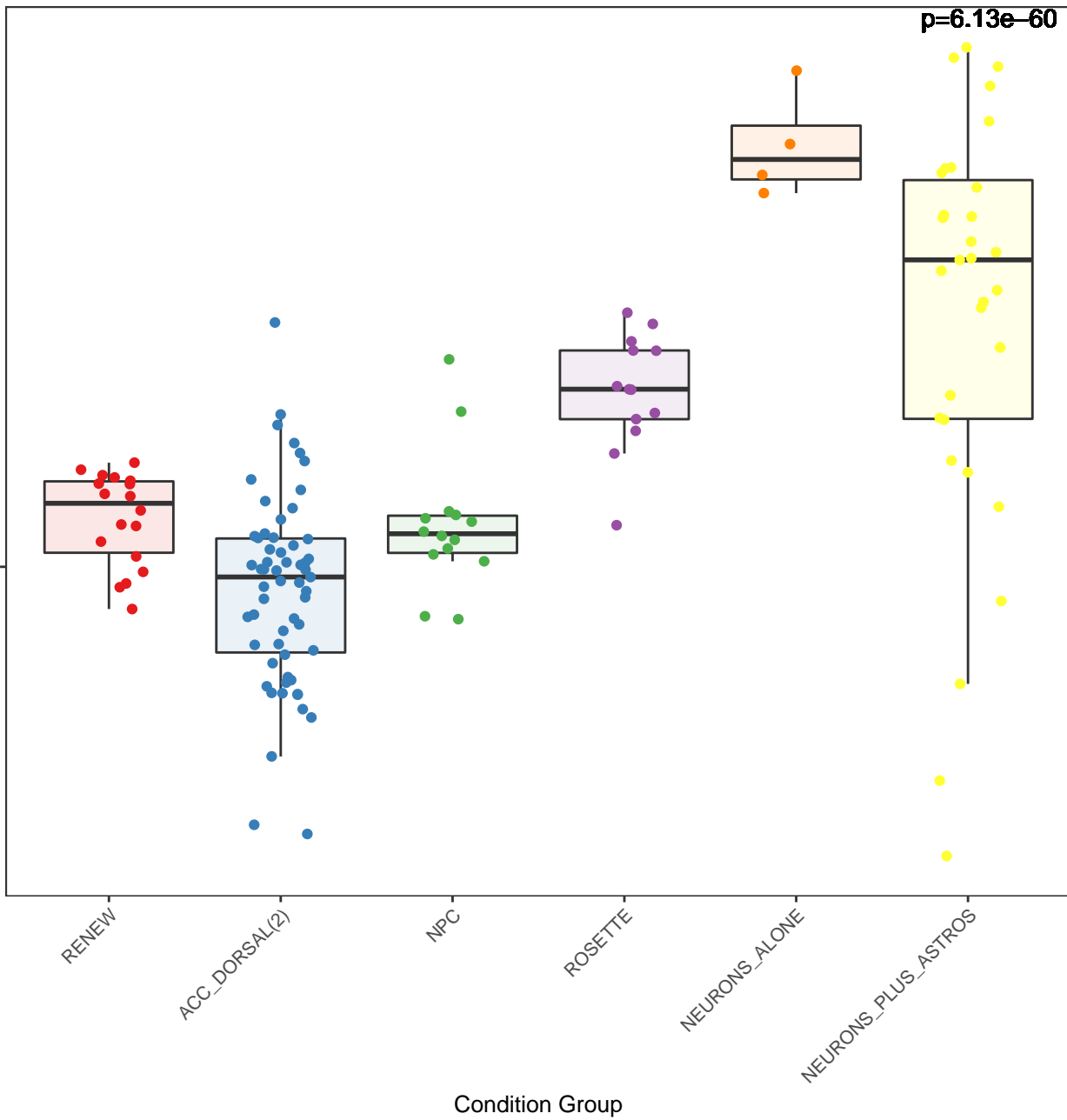
NPC

ROSETTE

NEURONS\_ALONE

NEURONS\_PLUS\_ASTROS

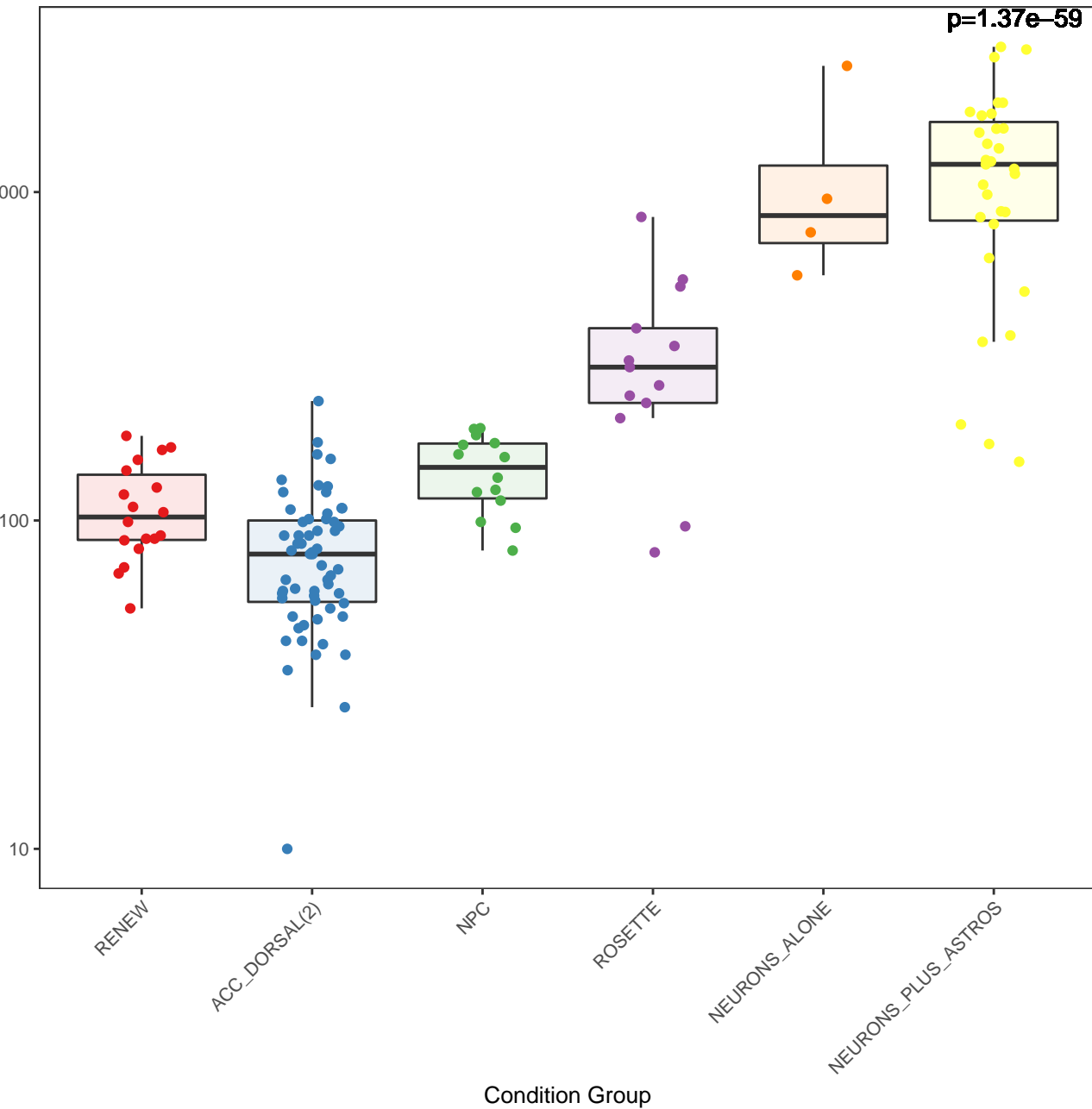
Condition Group



# Intron: NDRG4

Intron Counts

$p=1.37e-59$



# Intron: CNRIP1

Intron Counts

$p=2.77e-59$

RENEW

ACC\_DORSAL(2)

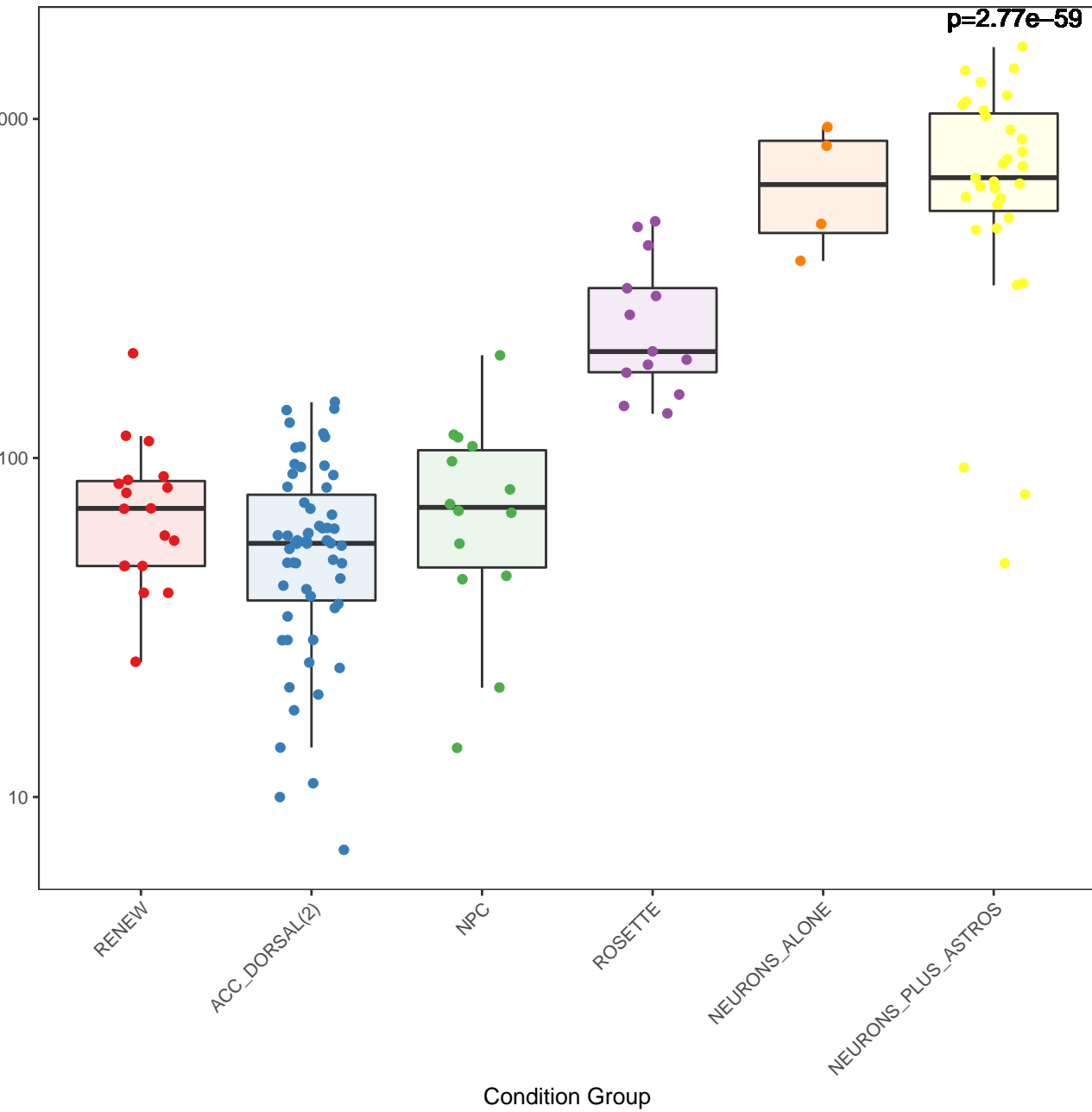
NPC

ROSETTE

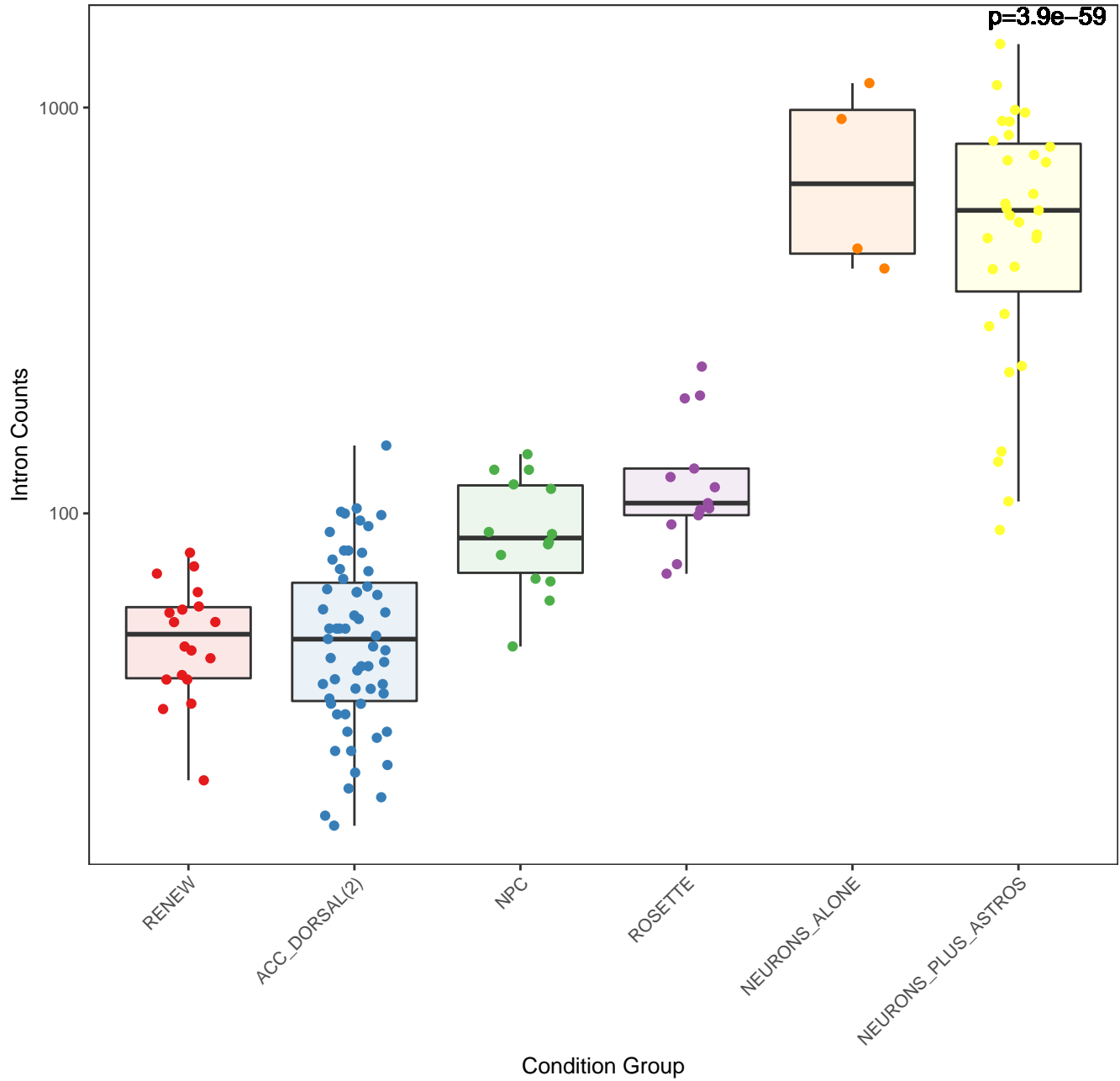
NEURONS\_ALONE

NEURONS\_PLUS\_ASTROS

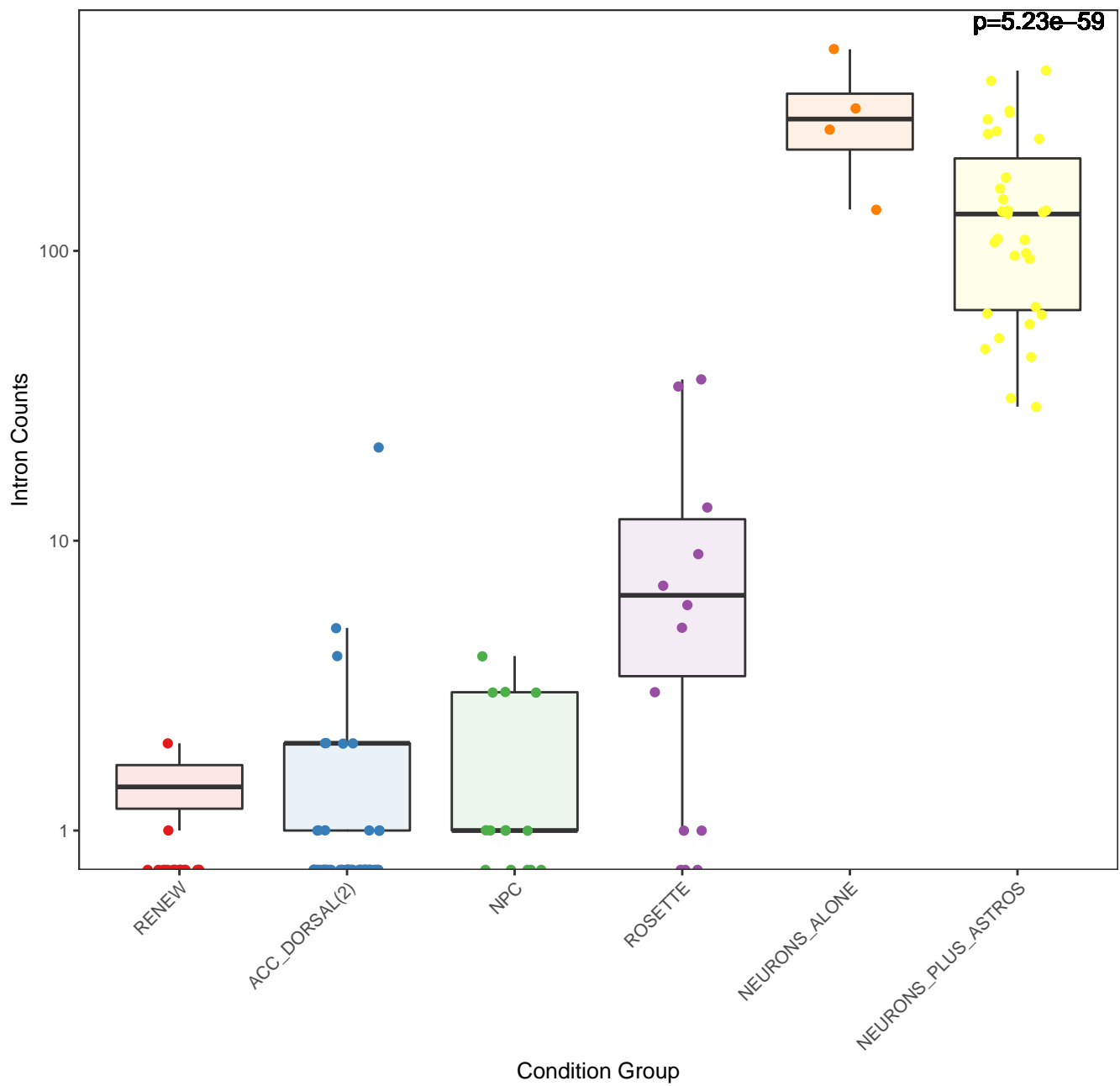
Condition Group



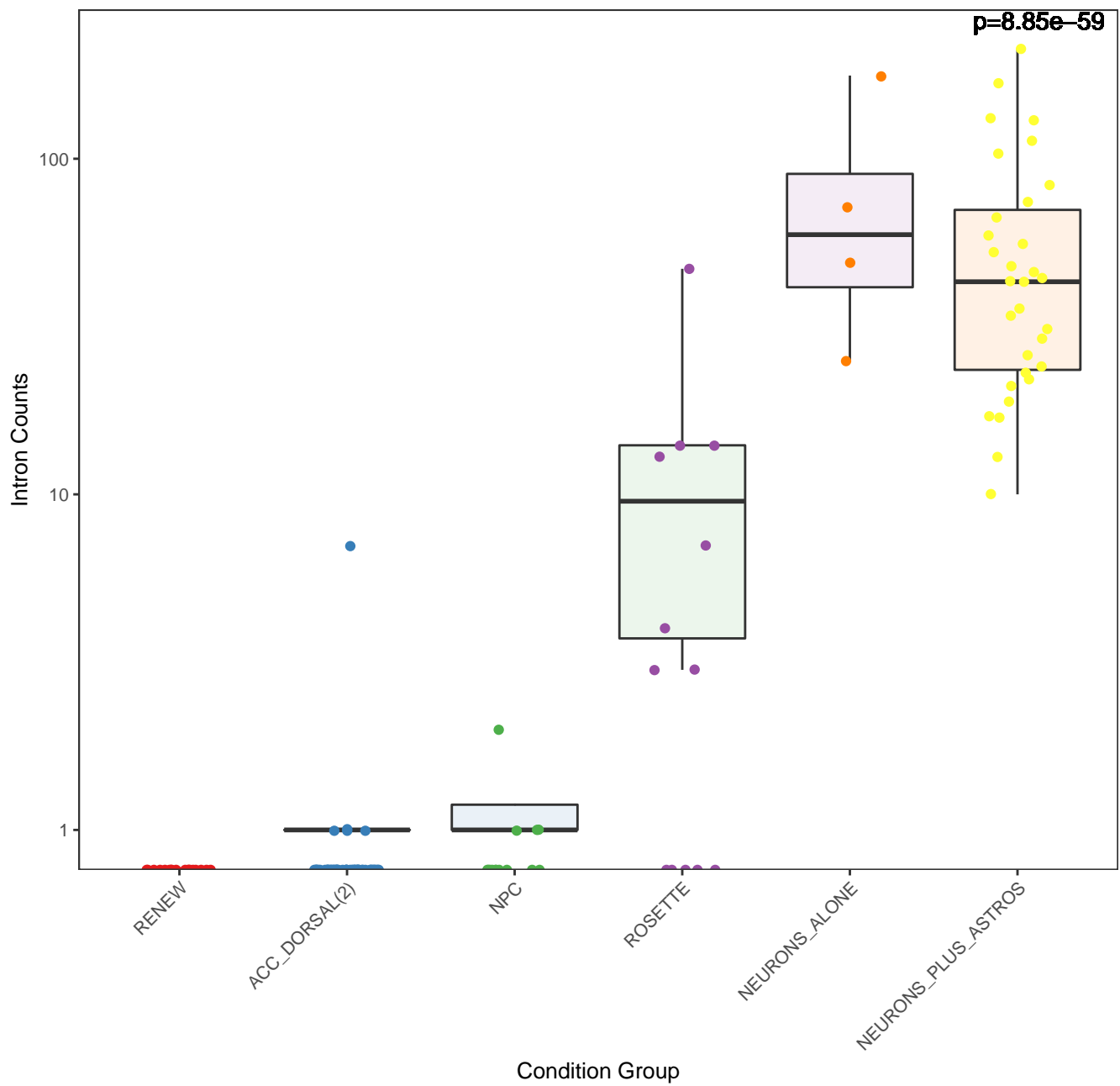
# Intron: DNAJB2



# Intron: GRIA2



# Intron: RELN



# Intron: SARAF

Intron Counts

1000

100

RENEW

ACC\_DORSAL(2)

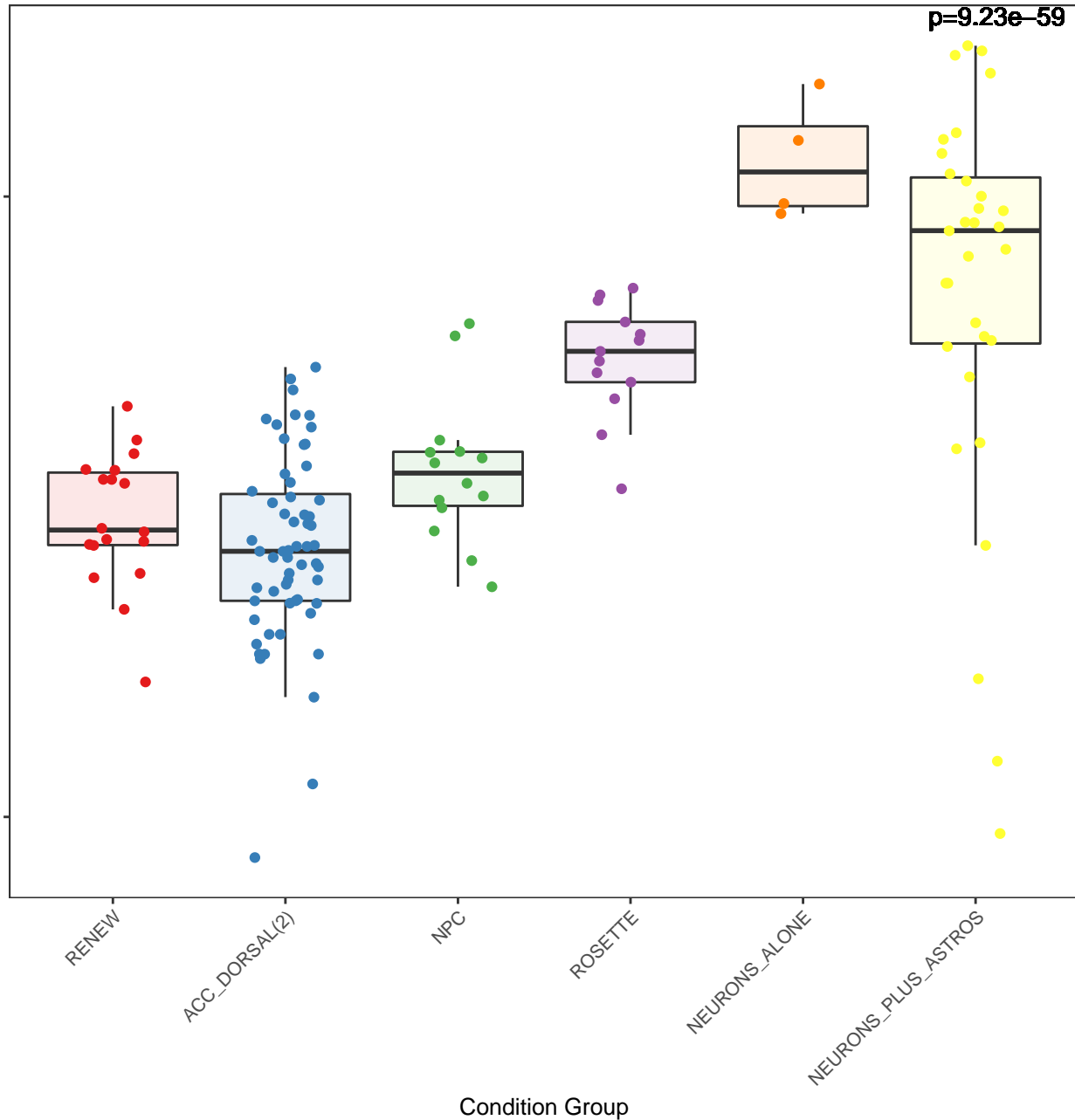
NPC

ROSETTE

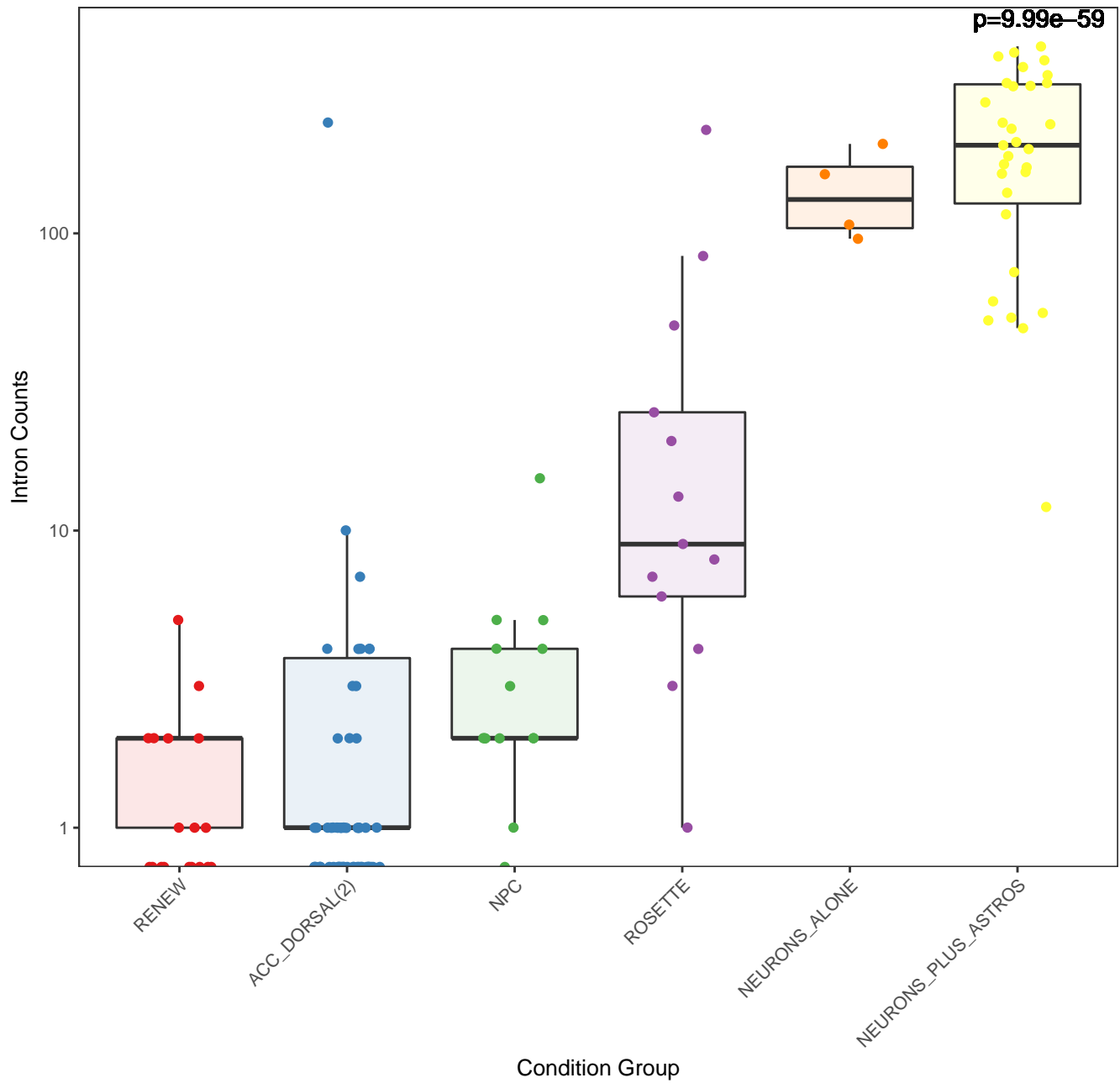
NEURONS\_ALONE

NEURONS\_PLUS\_ASTROS

$p=9.23e-59$

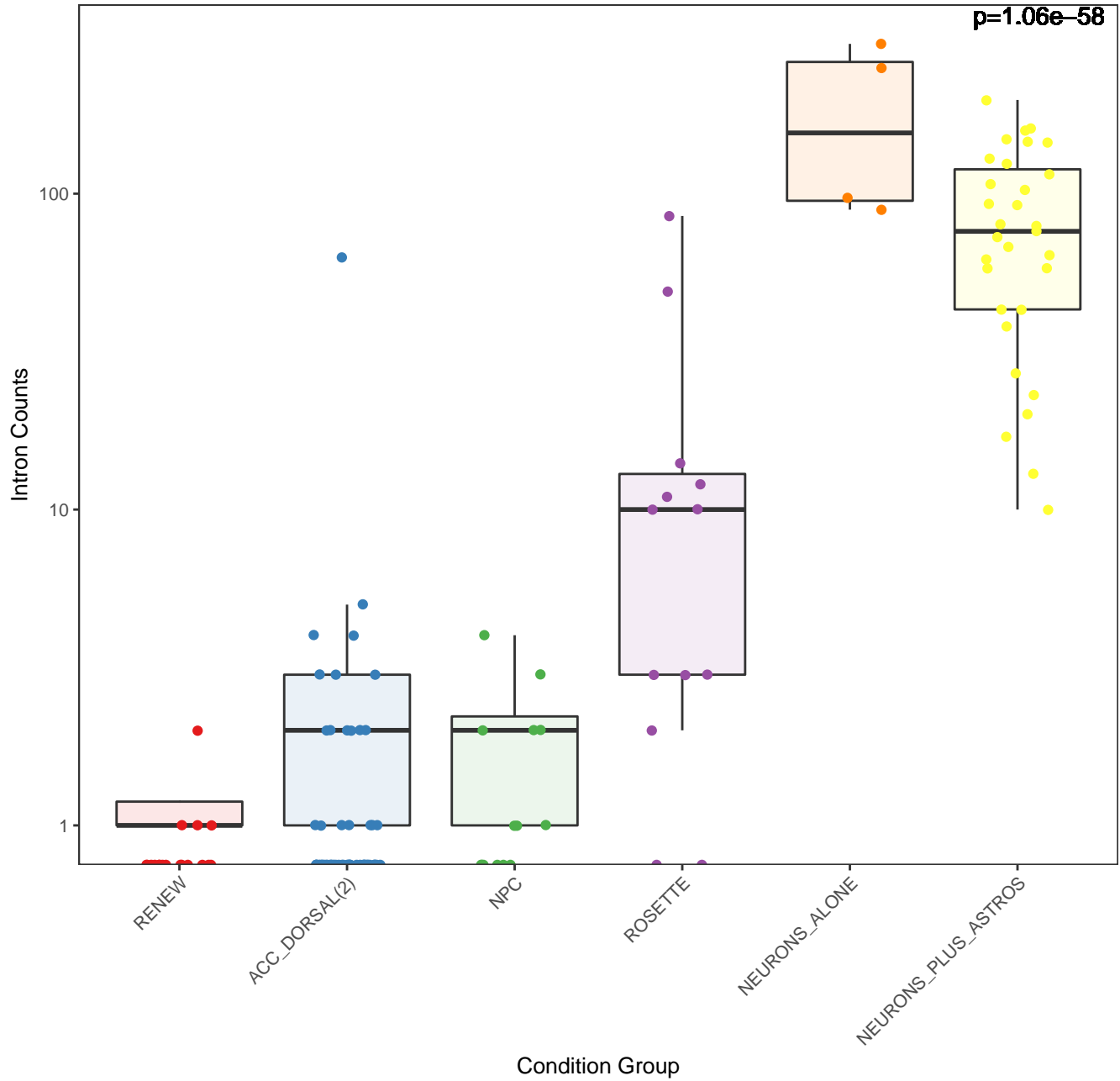


## Intron: NYAP2

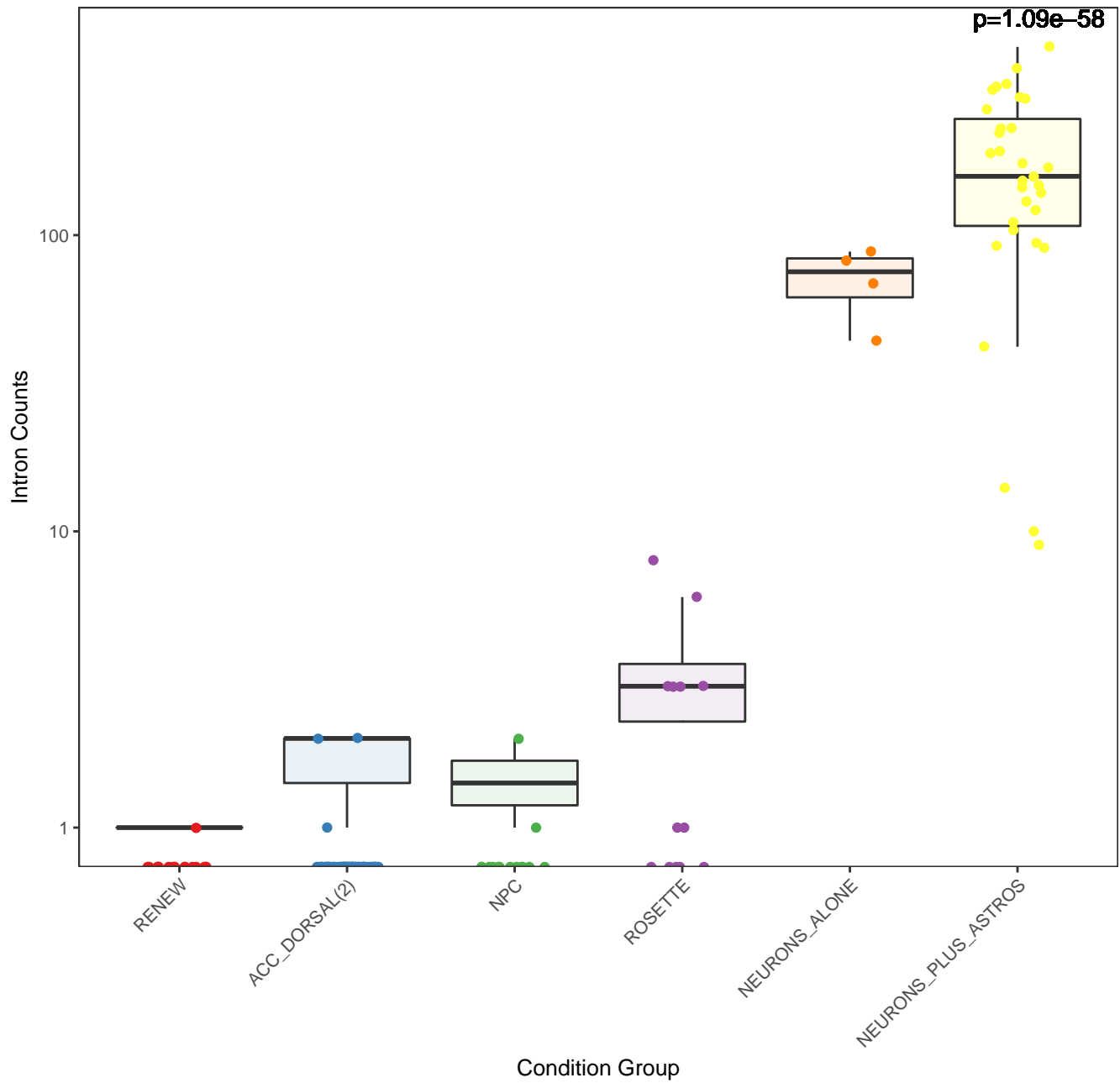




# Intron: MYT1L



Intron: GLRA2



# Intron: NTRK2

Intron Counts

$p=1.51e-58$

RENEW

ACC\_DORSAL(2)

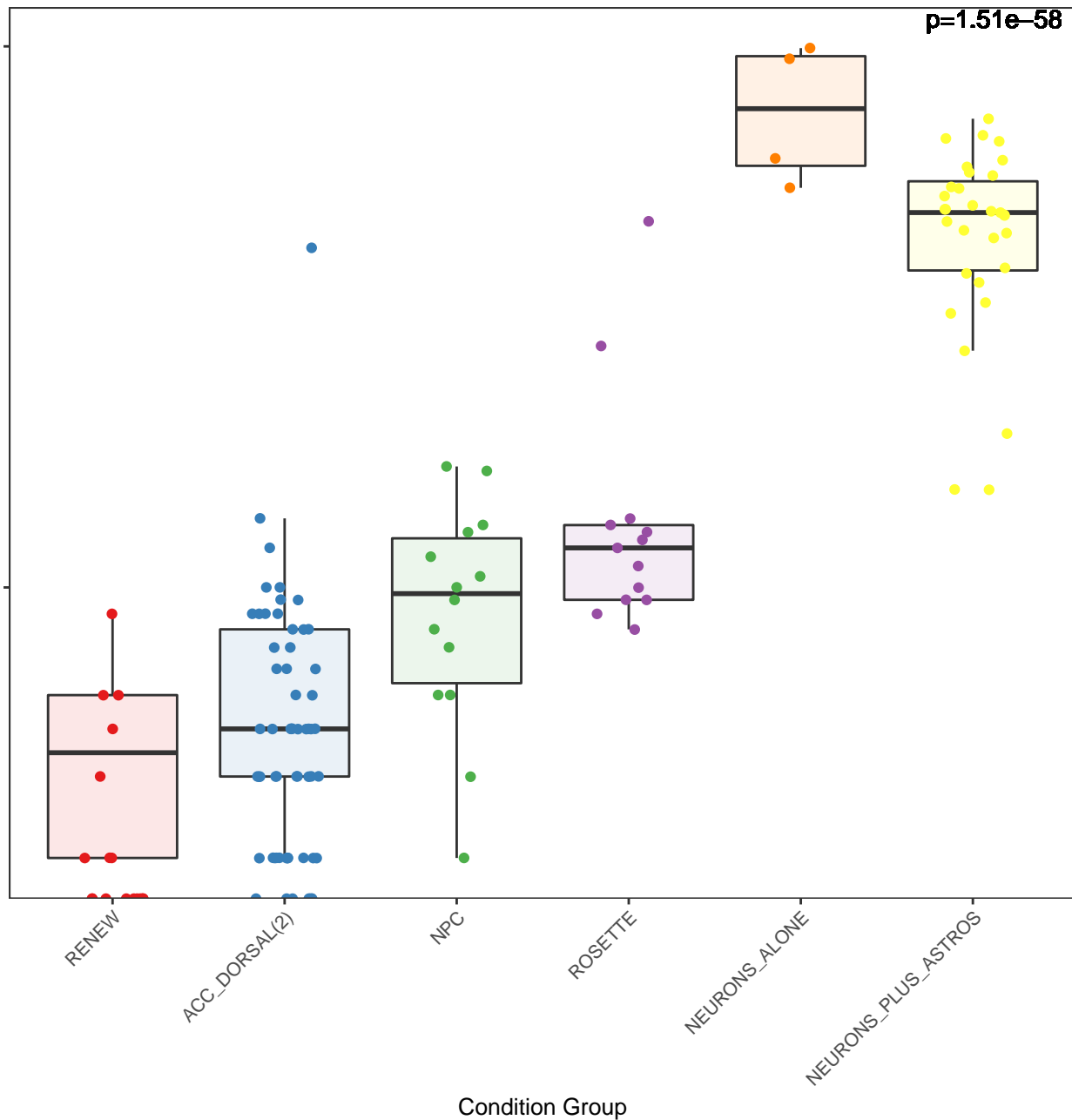
NPC

ROSETTE

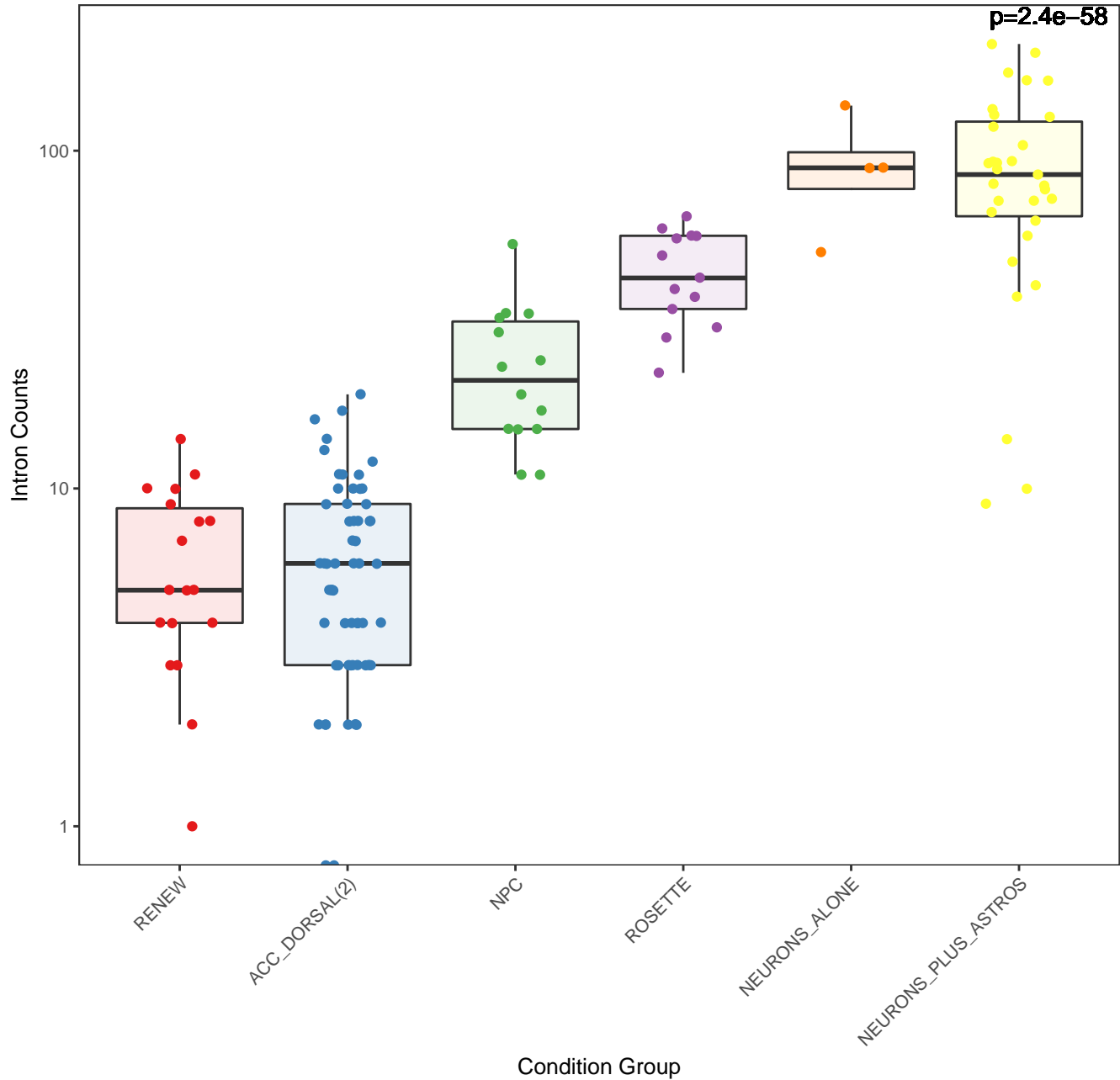
NEURONS\_ALONE

NEURONS\_PLUS\_ASTROS

Condition Group



# Intron: KIFAP3



# Intron: ZNF850

$p=2.47e-58$

Intron Counts

10000

100

RENEW

ACC\_DORSAL(2)

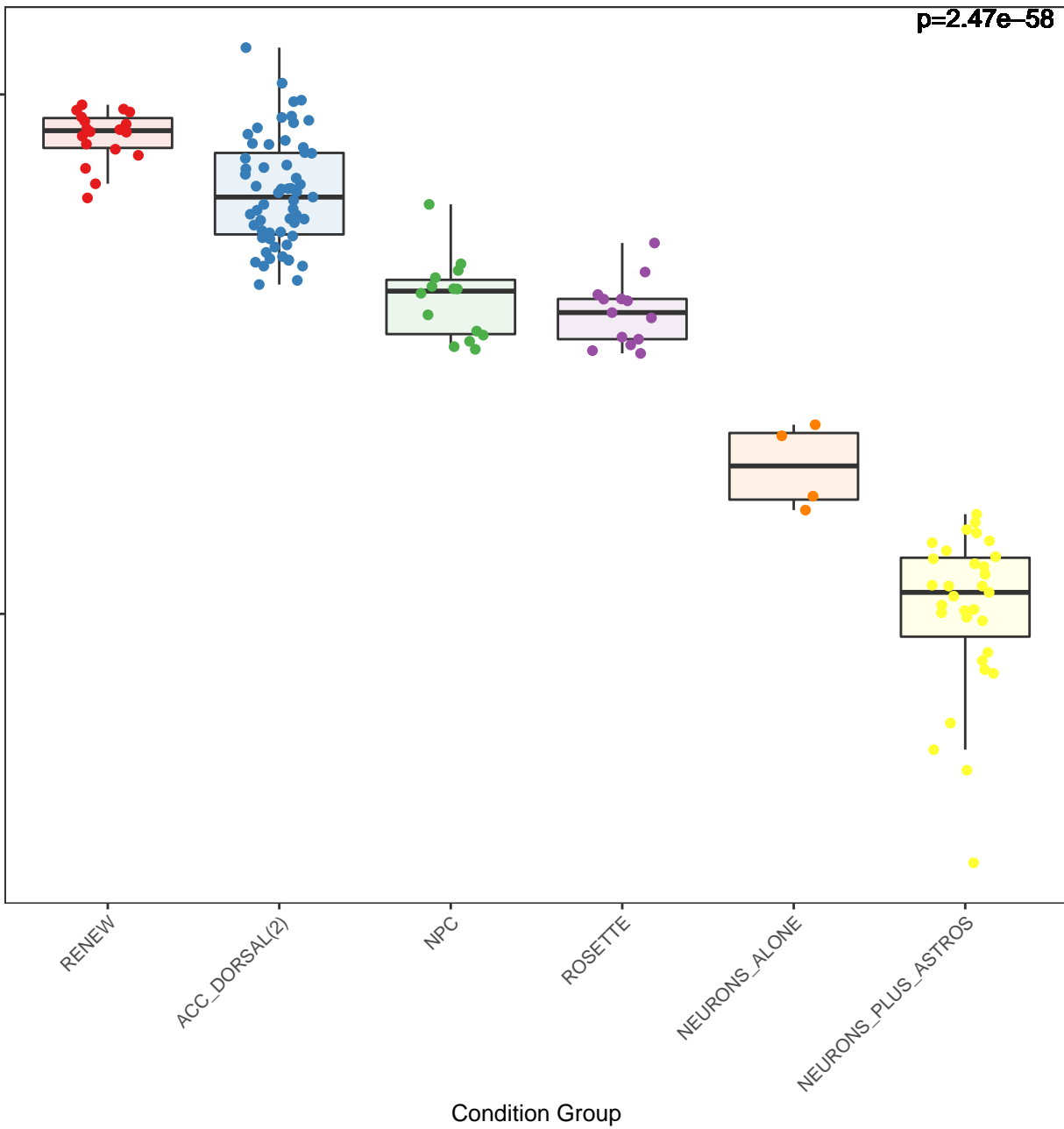
NPC

ROSETTE

NEURONS\_ALONE

NEURONS\_PLUS\_ASTROS

Condition Group



# Intron: SMPD3

Intron Counts

$p=2.52e-58$

RENEW

ACC\_DORSAL(2)

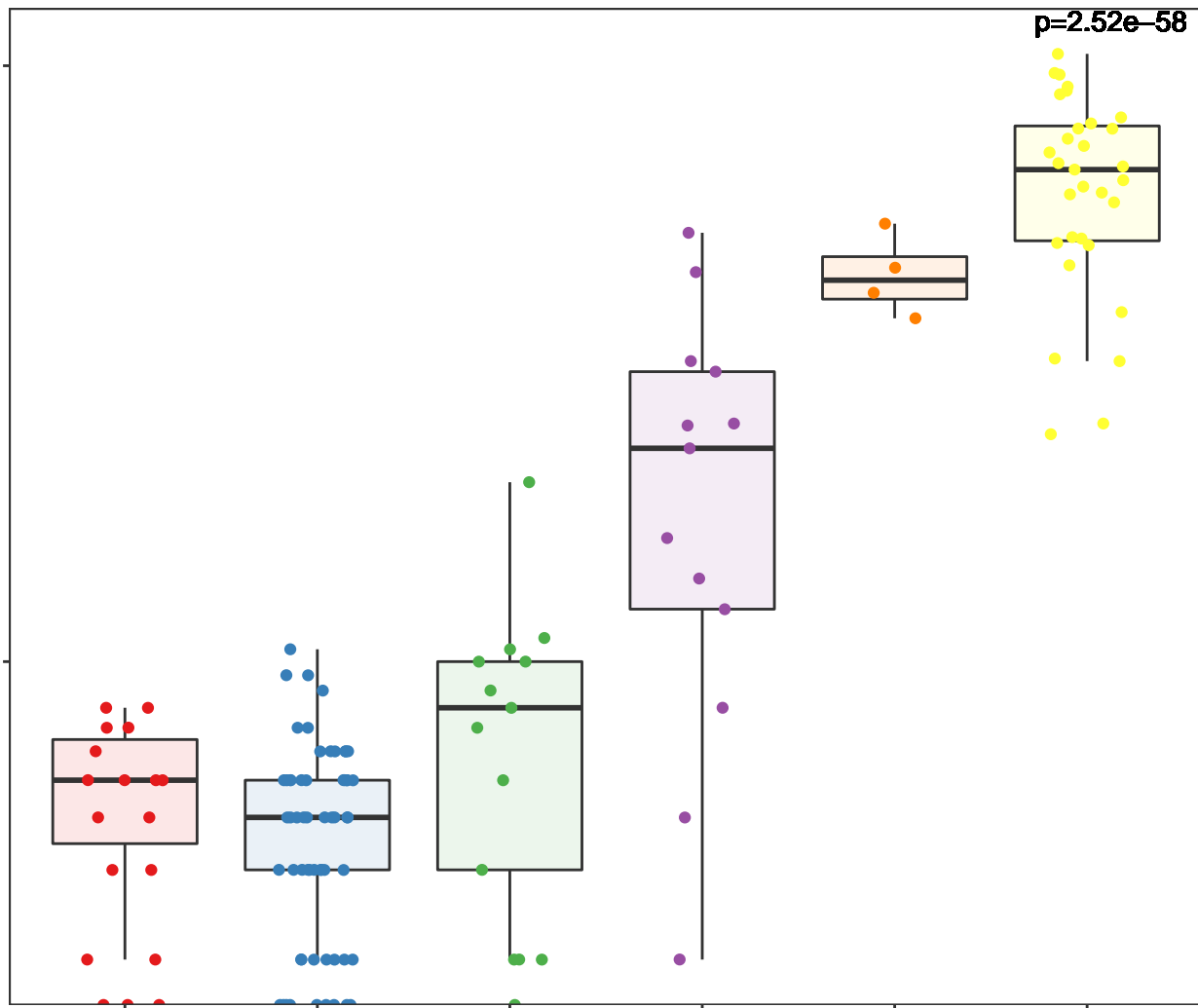
NPC

ROSETTE

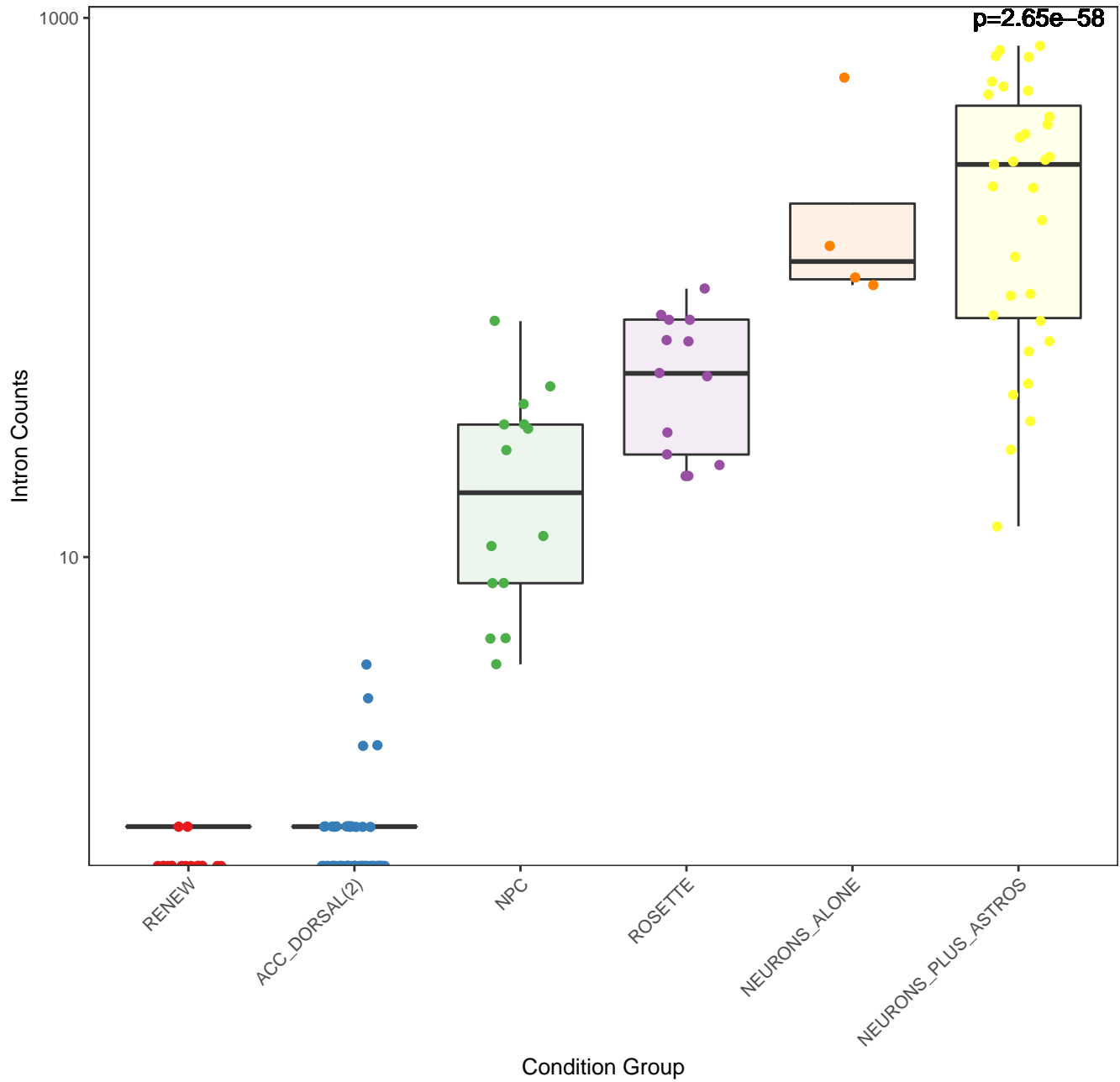
NEURONS\_ALONE

NEURONS\_PLUS\_ASTROS

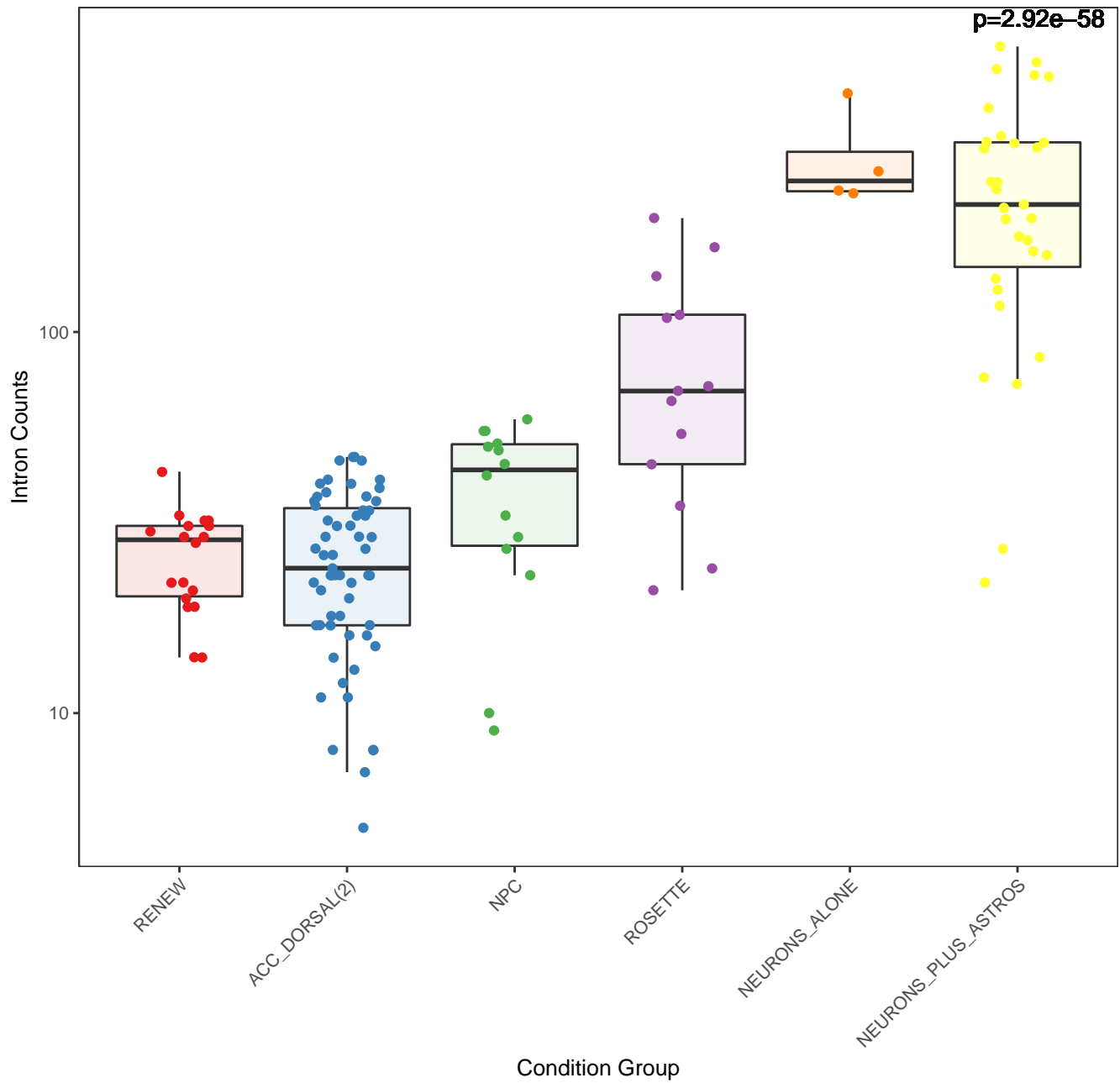
Condition Group



# Intron: FOXP2

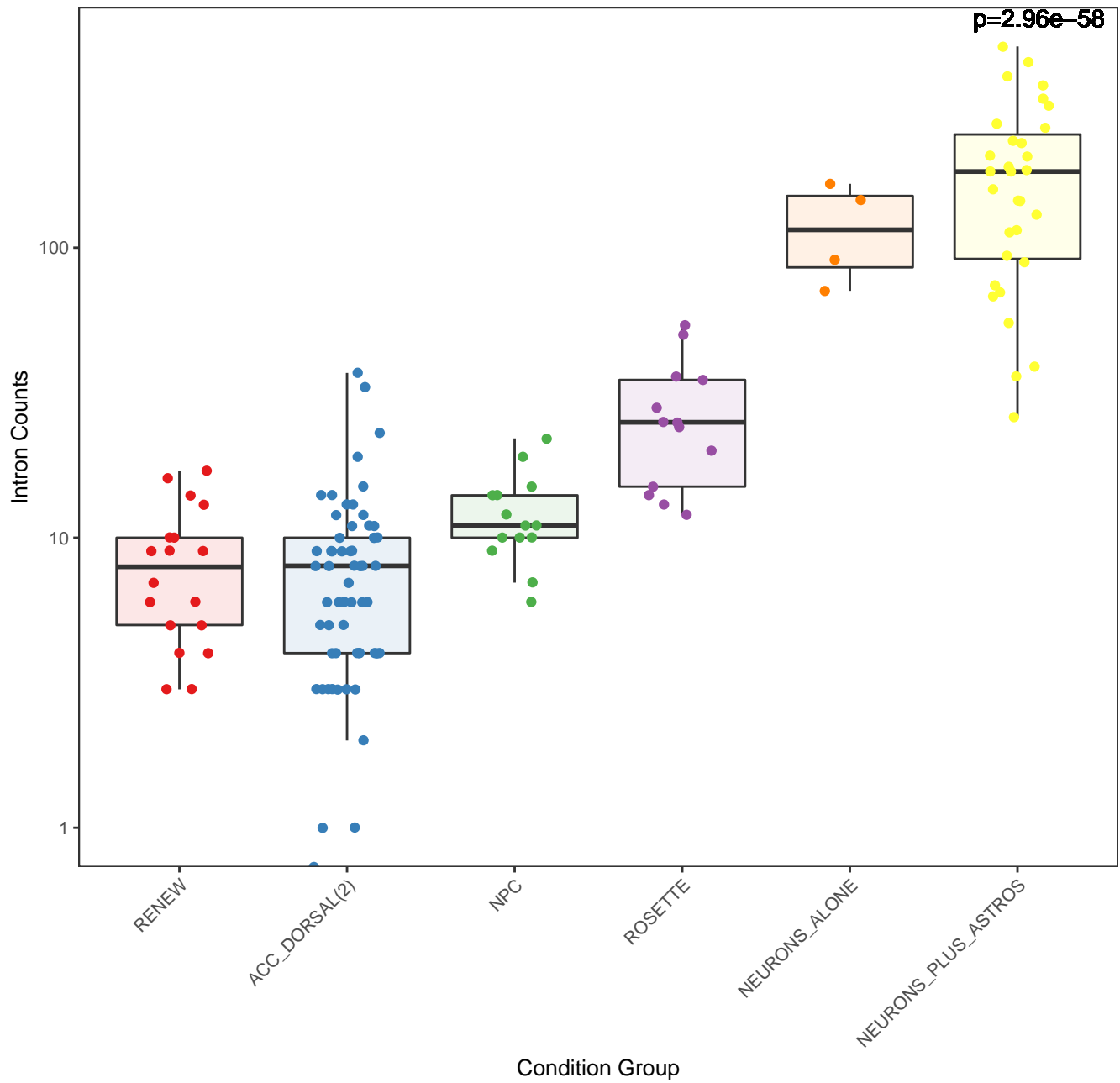


Intron: PKIA





# Intron: MTMR6



# Intron: RTN1

Intron Counts

$p=3.85e-58$

1000

10

RENEW

ACC\_DORSAL(2)

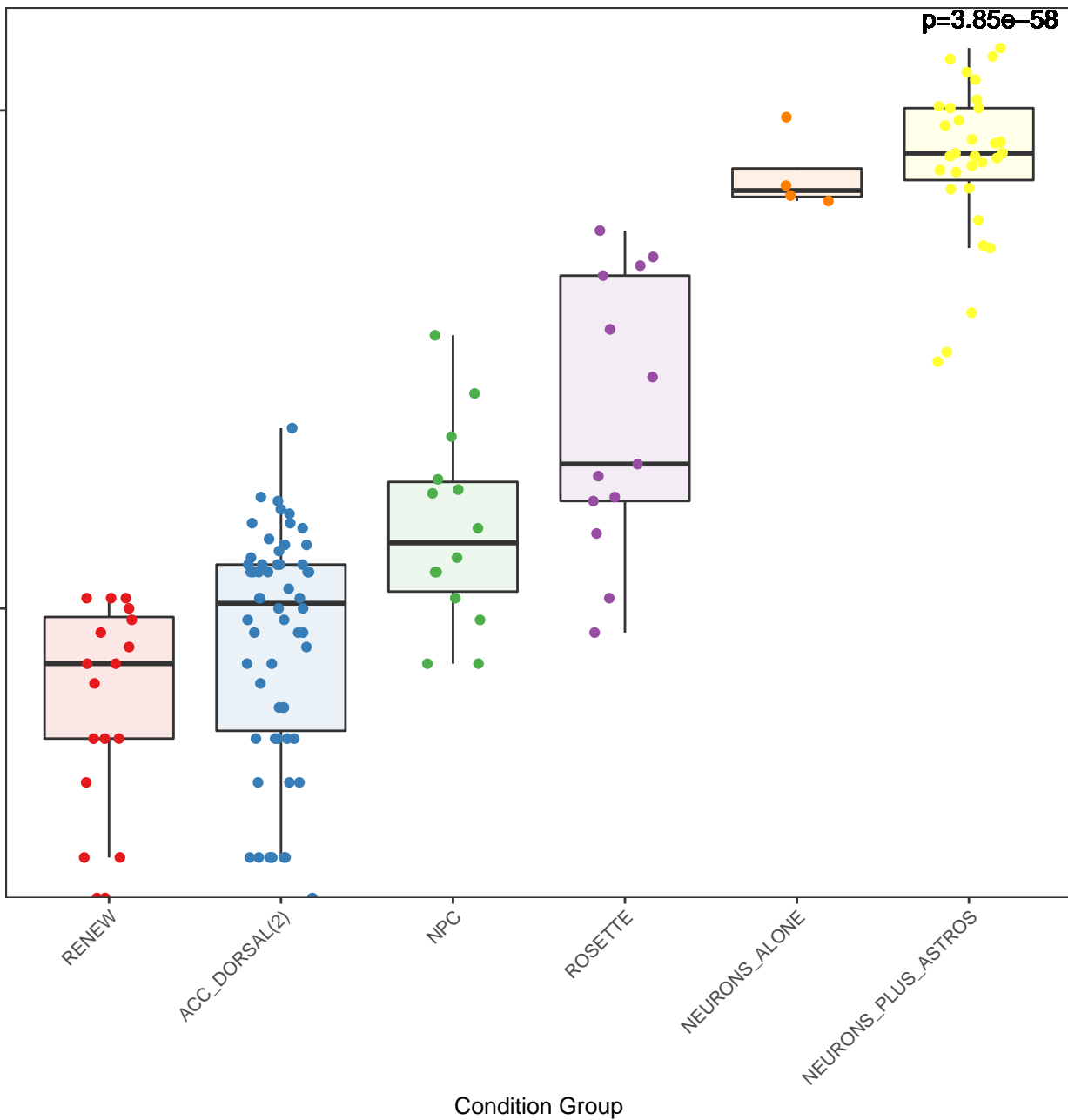
NPC

ROSETTE

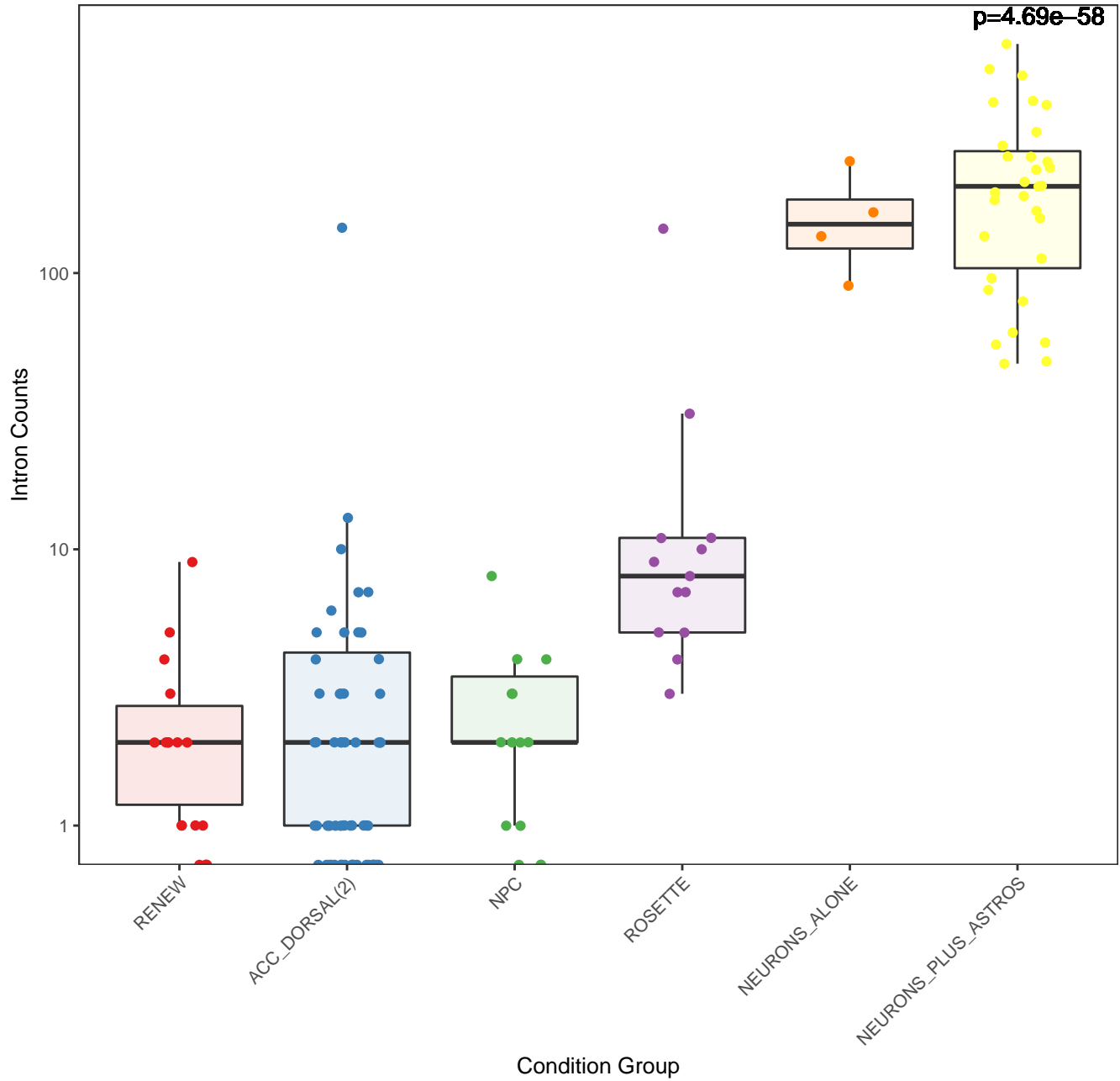
NEURONS\_ALONE

NEURONS\_PLUS\_ASTROS

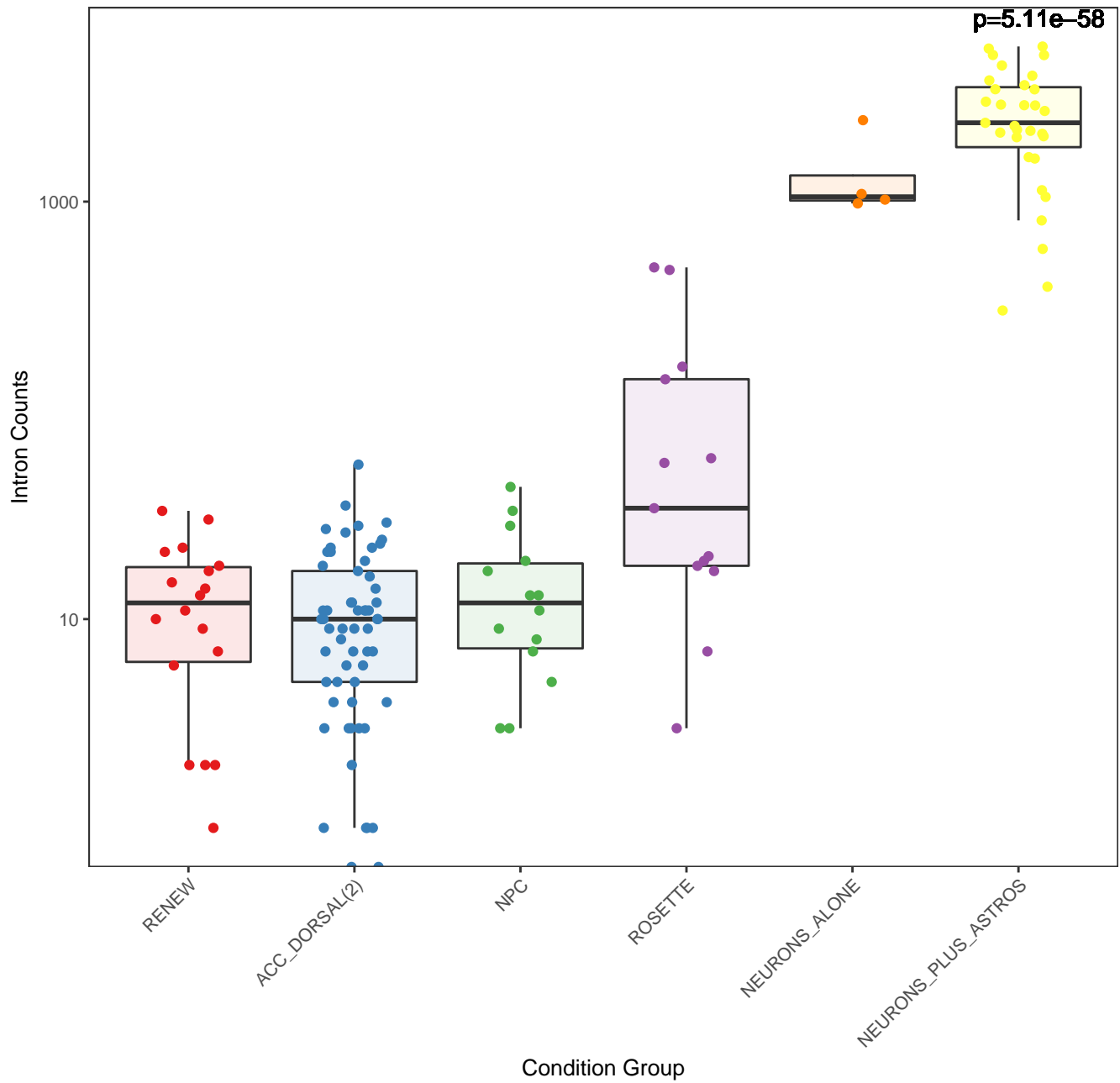
Condition Group



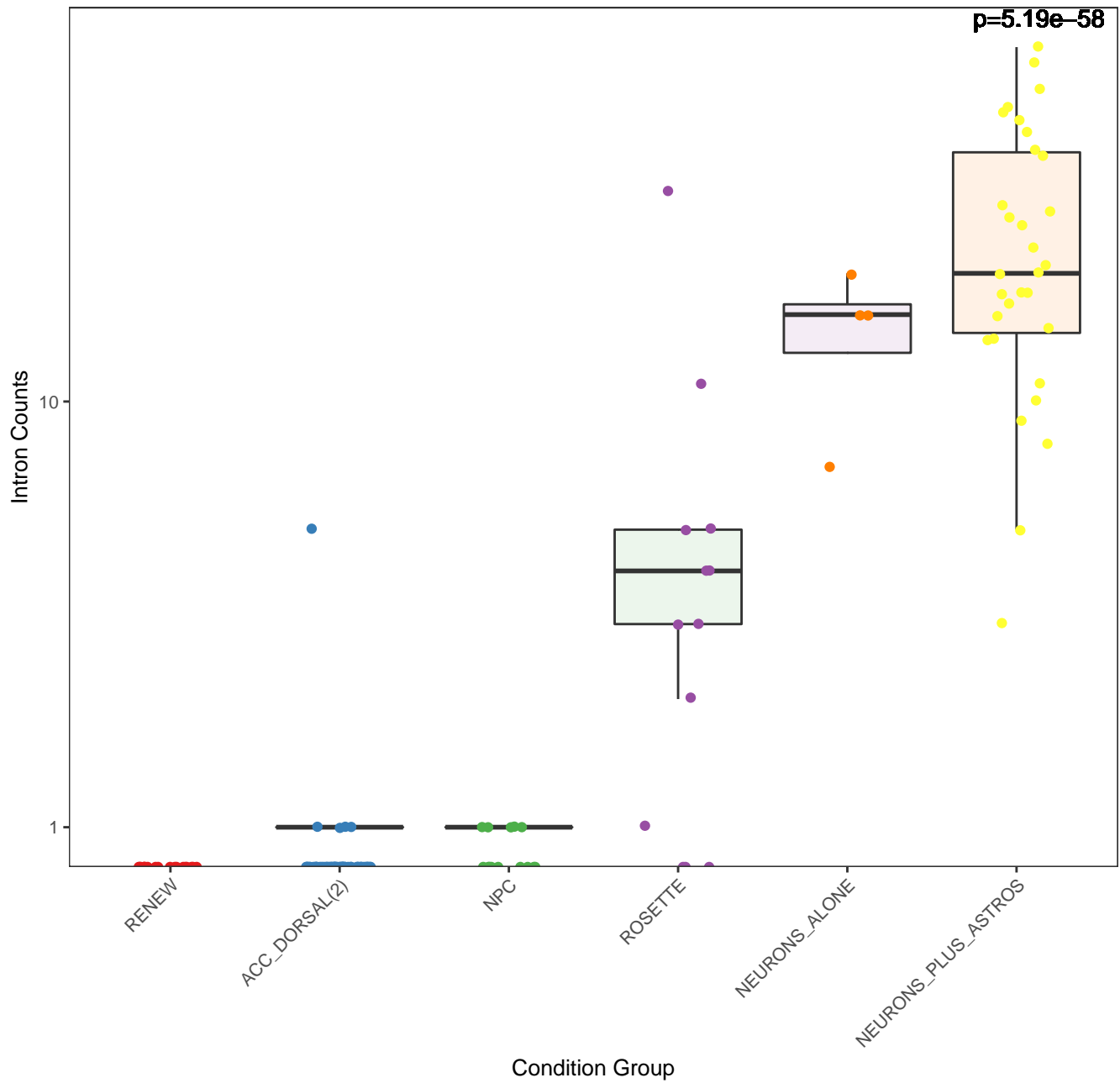
# Intron: LRRC7



Intron: SCN3B



Intron: SCN3A



# Intron: GNG2

Intron Counts

$p=6.06e-58$

10000  
1000  
100

RENEW

ACC\_DORSAL(2)

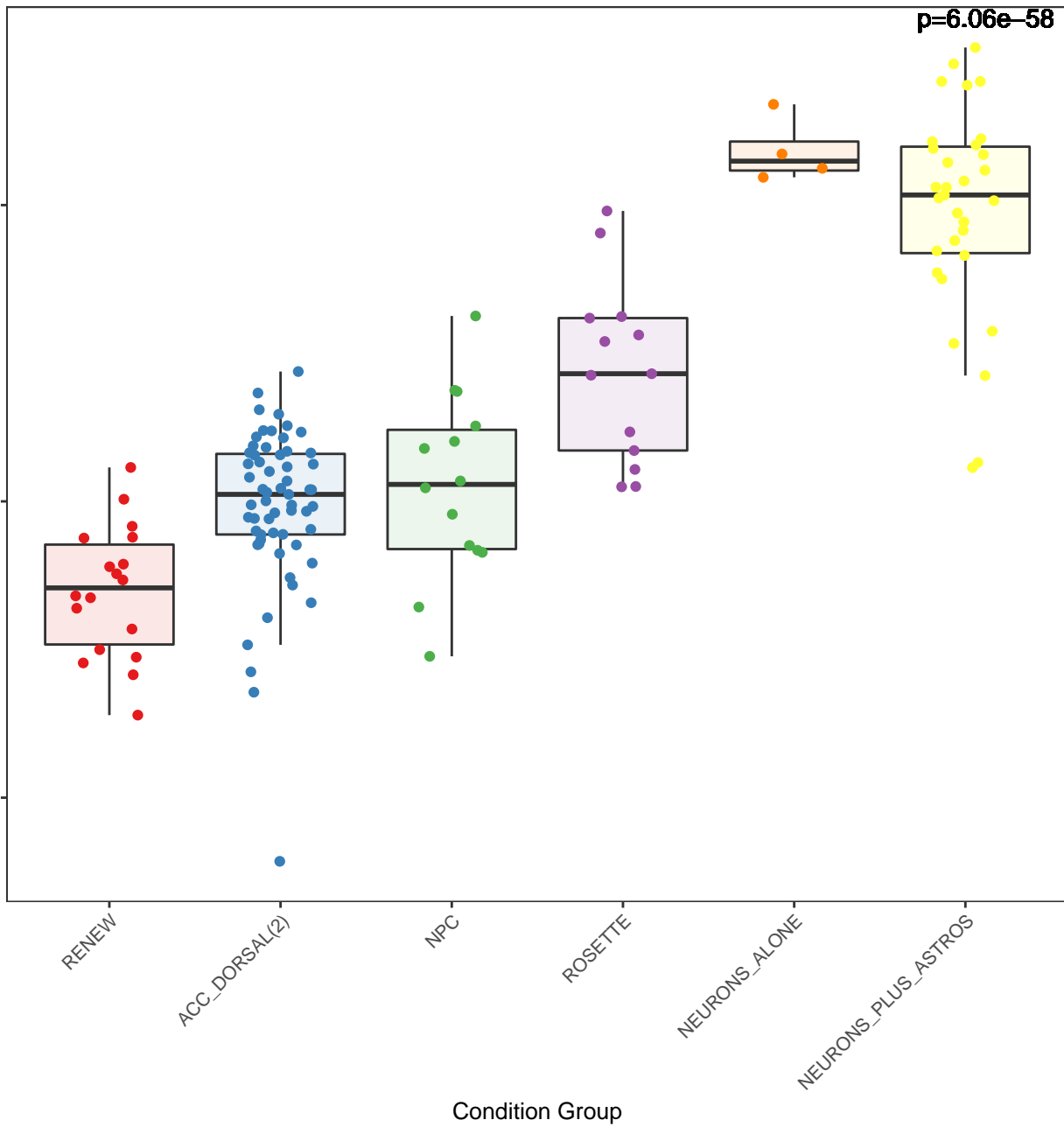
NPC

ROSETTE

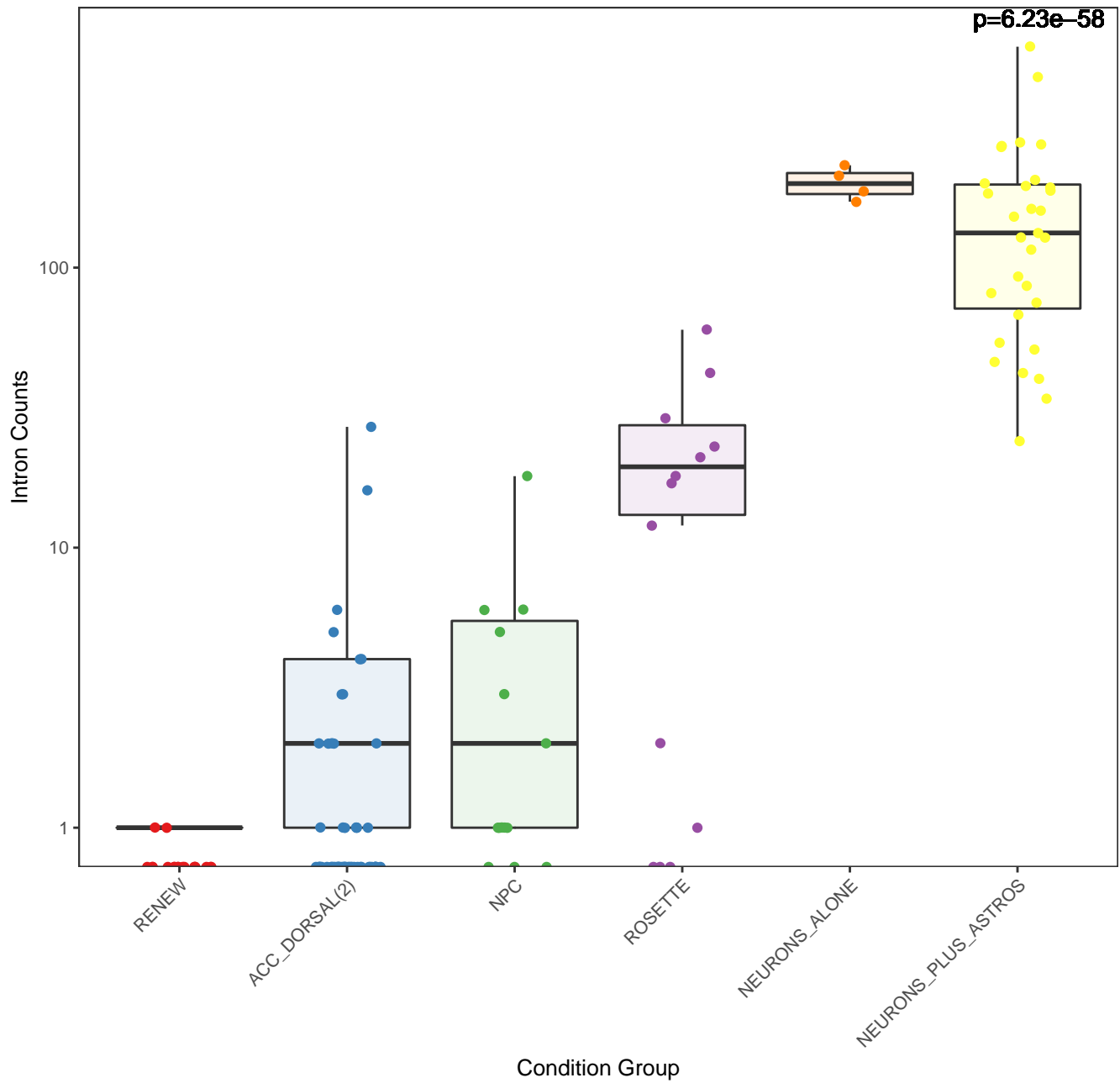
NEURONS\_ALONE

NEURONS\_PLUS\_ASTROS

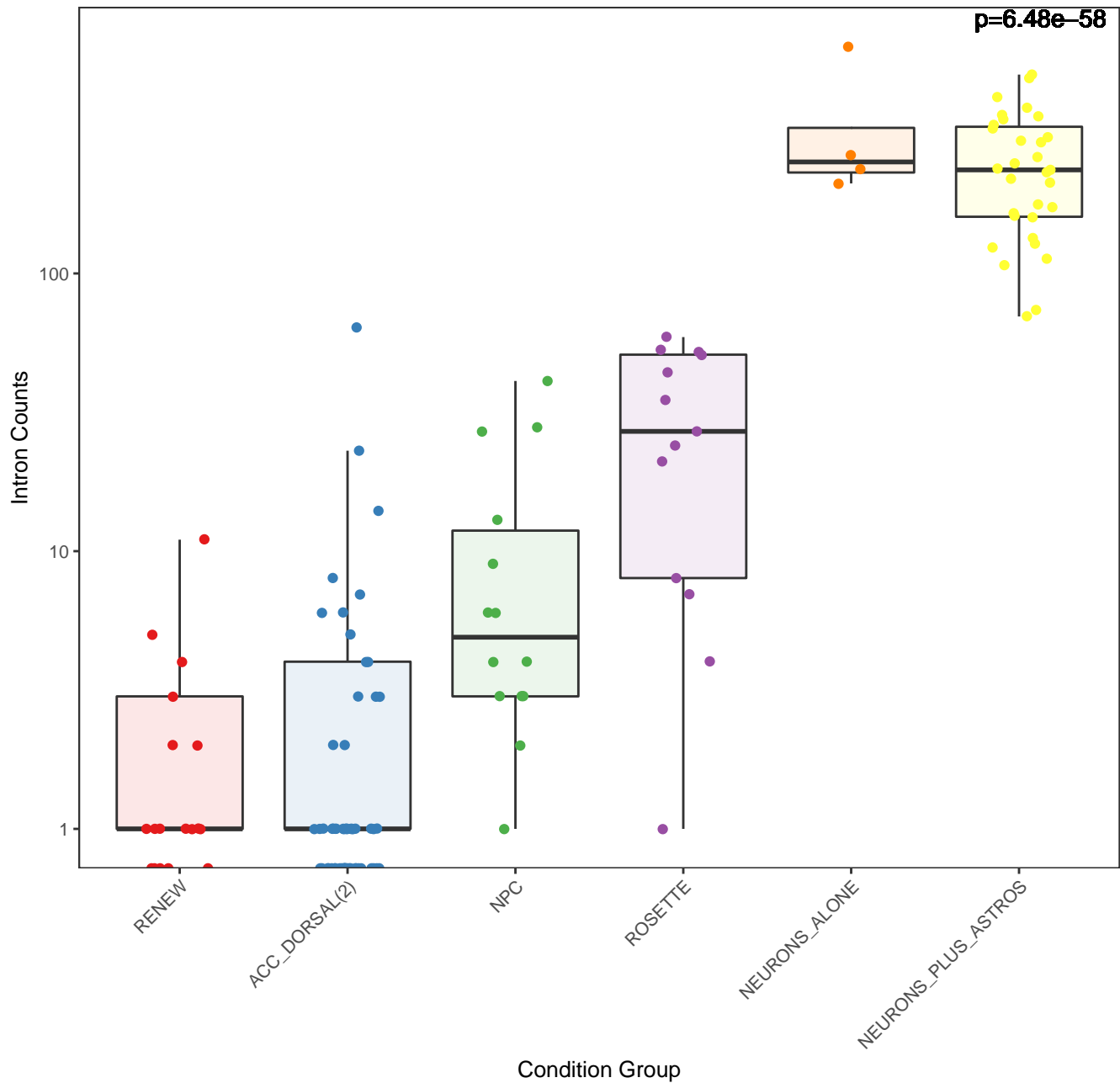
Condition Group



Intron: SCN3A



# Intron: NRN1





# Intron: PPFIA2

Intron Counts

1000

10

RENEW

ACC\_DORSAL(2)

NPC

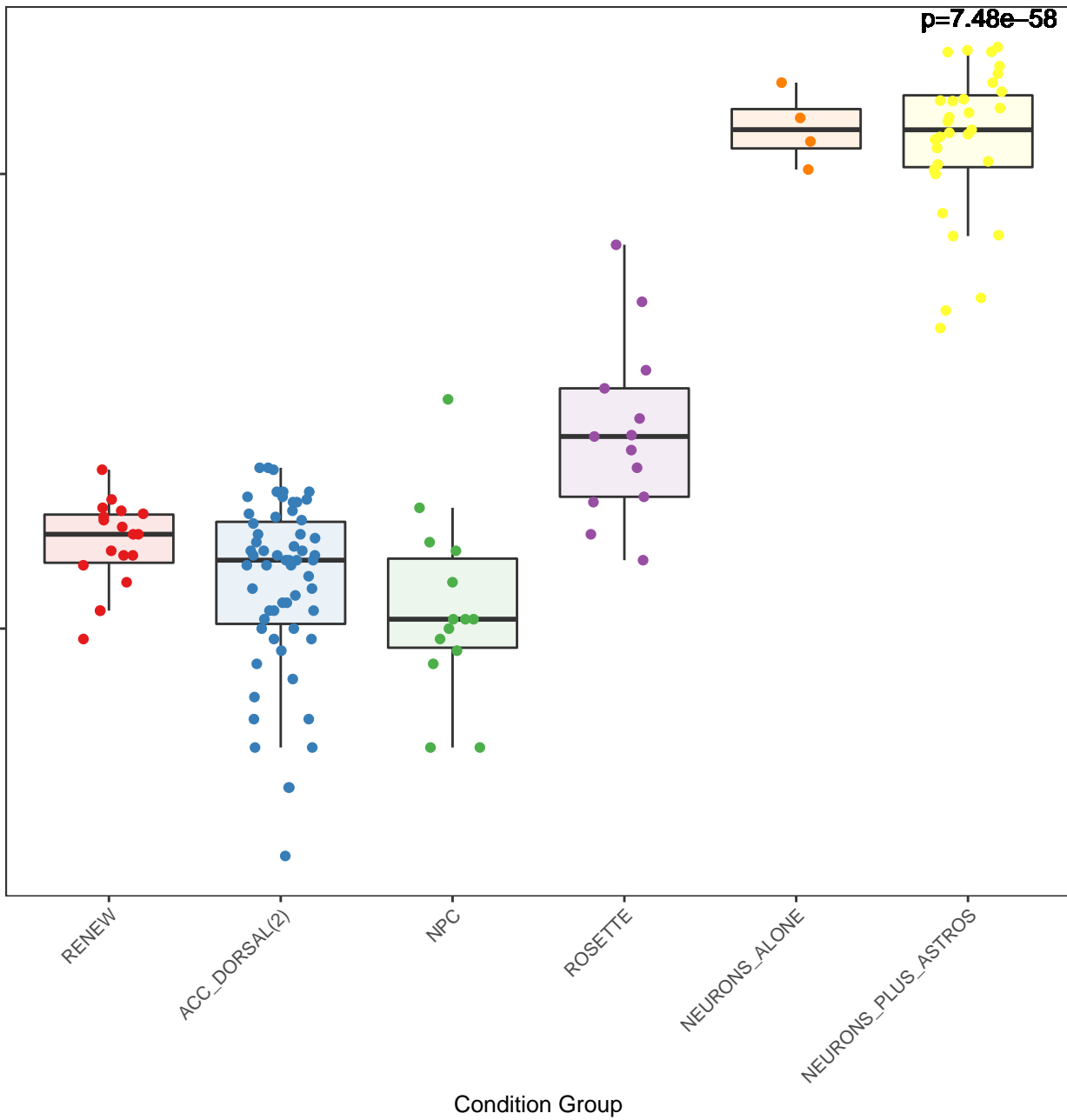
ROSETTE

NEURONS\_ALONE

NEURONS\_PLUS\_ASTROS

Condition Group

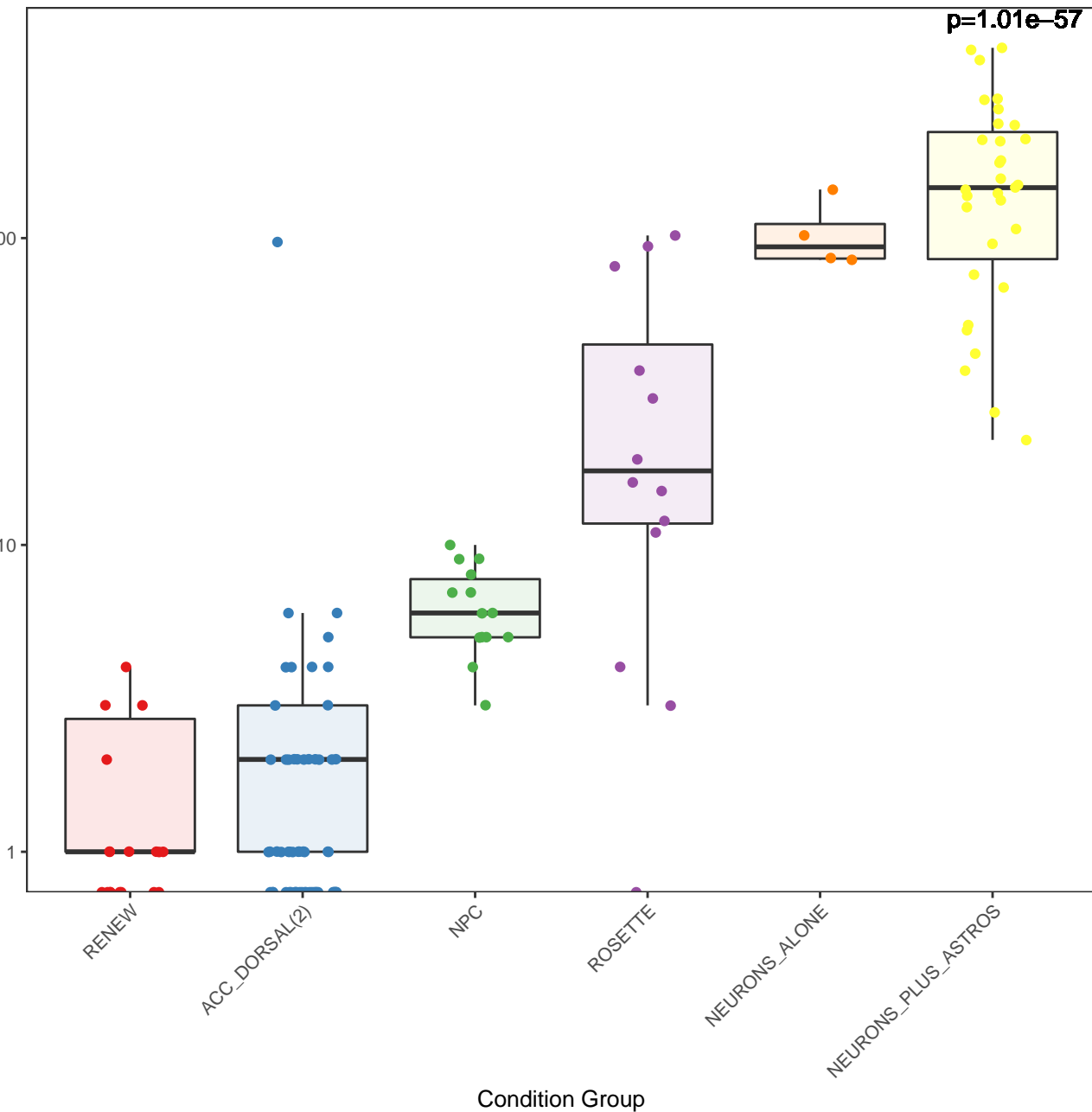
$p=7.48e-58$



# Intron: CSMD3

Intron Counts

$p=1.01e-57$



# Intron: ROBO1

Intron Counts

$p=1.3e-57$

1000

10

RENEW

ACC\_DORSAL(2)

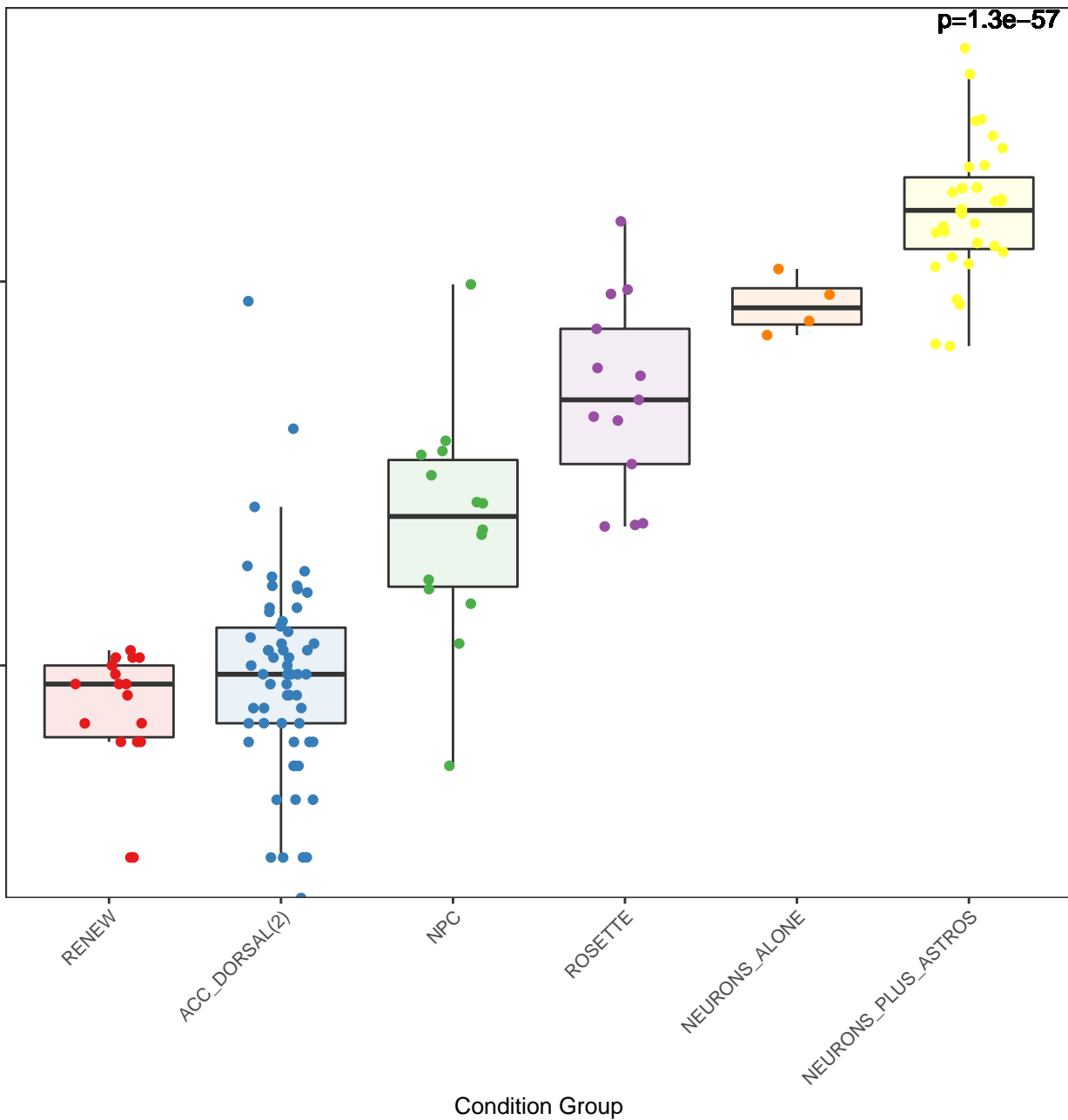
NPC

ROSETTE

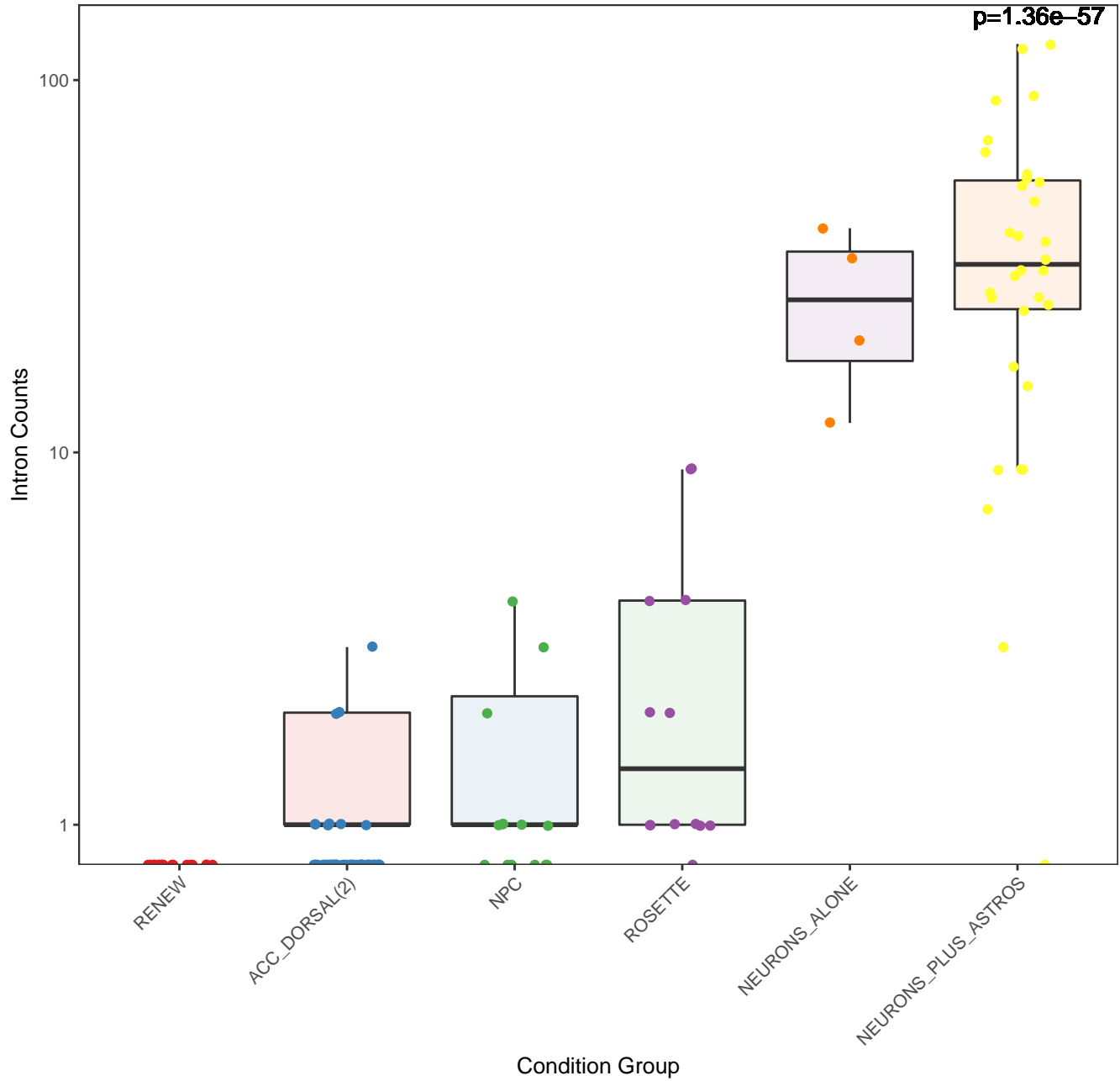
NEURONS\_ALONE

NEURONS\_PLUS\_ASTROS

Condition Group



# Intron: DIRAS3



# Intron: CDK5R1

Intron Counts

1000

100

RENEW

ACC\_DORSAL(2)

NPC

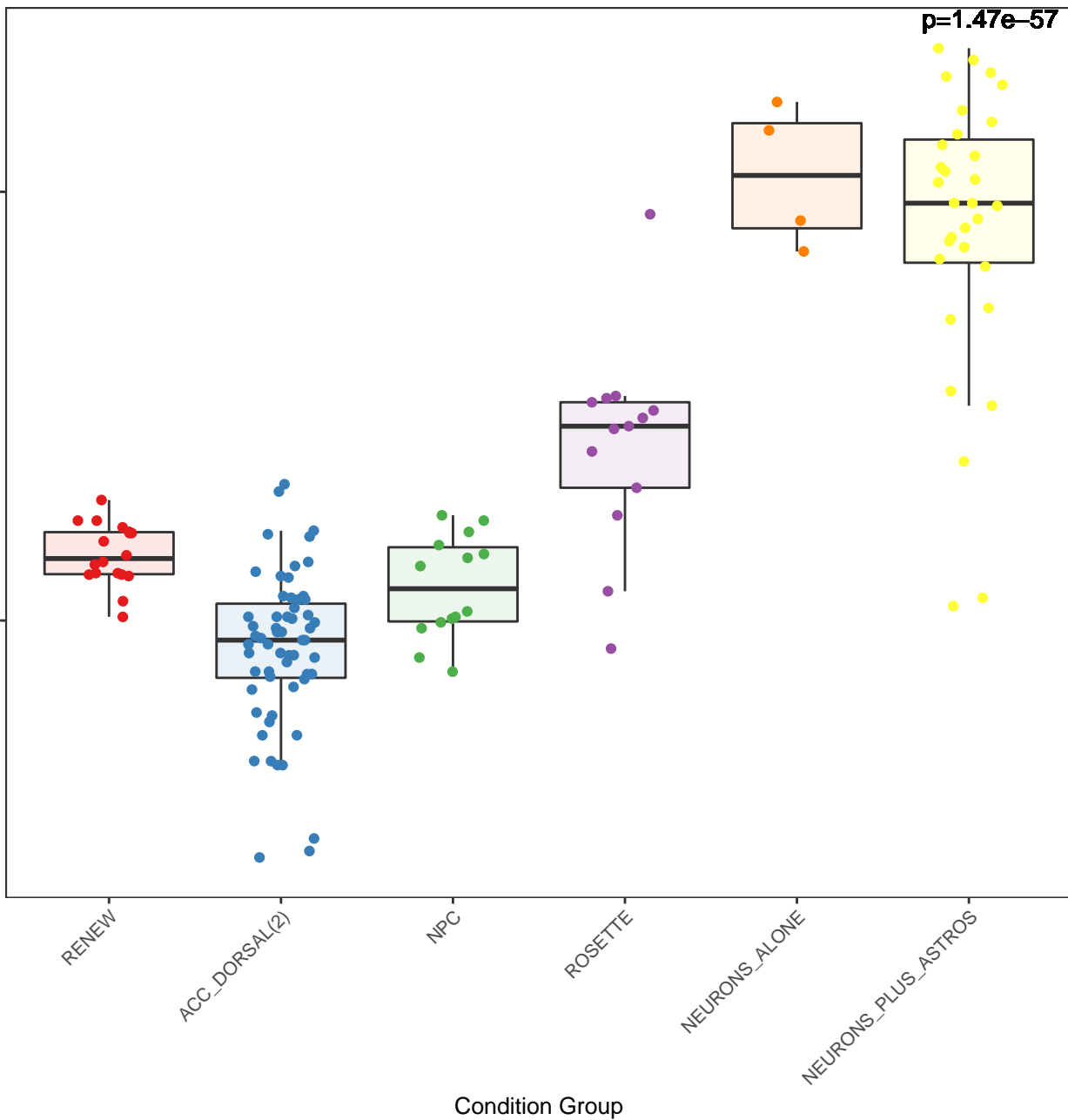
ROSETTE

NEURONS\_ALONE

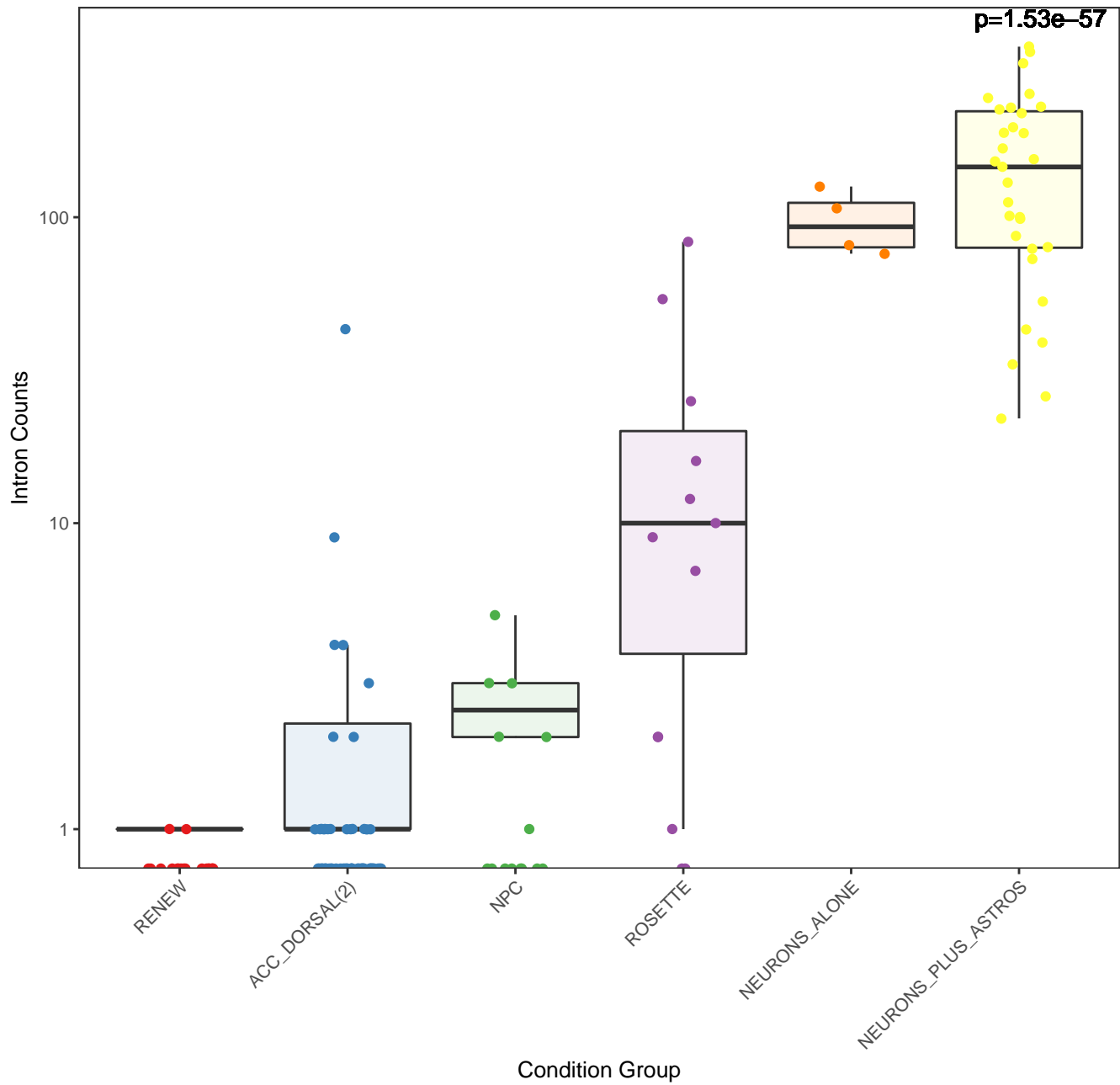
NEURONS\_PLUS\_ASTROS

Condition Group

$p=1.47e-57$



Intron: SCN3A



# Intron: HPCAL4

Intron Counts

$p=1.7e-57$

RENEW

ACC\_DORSAL(2)

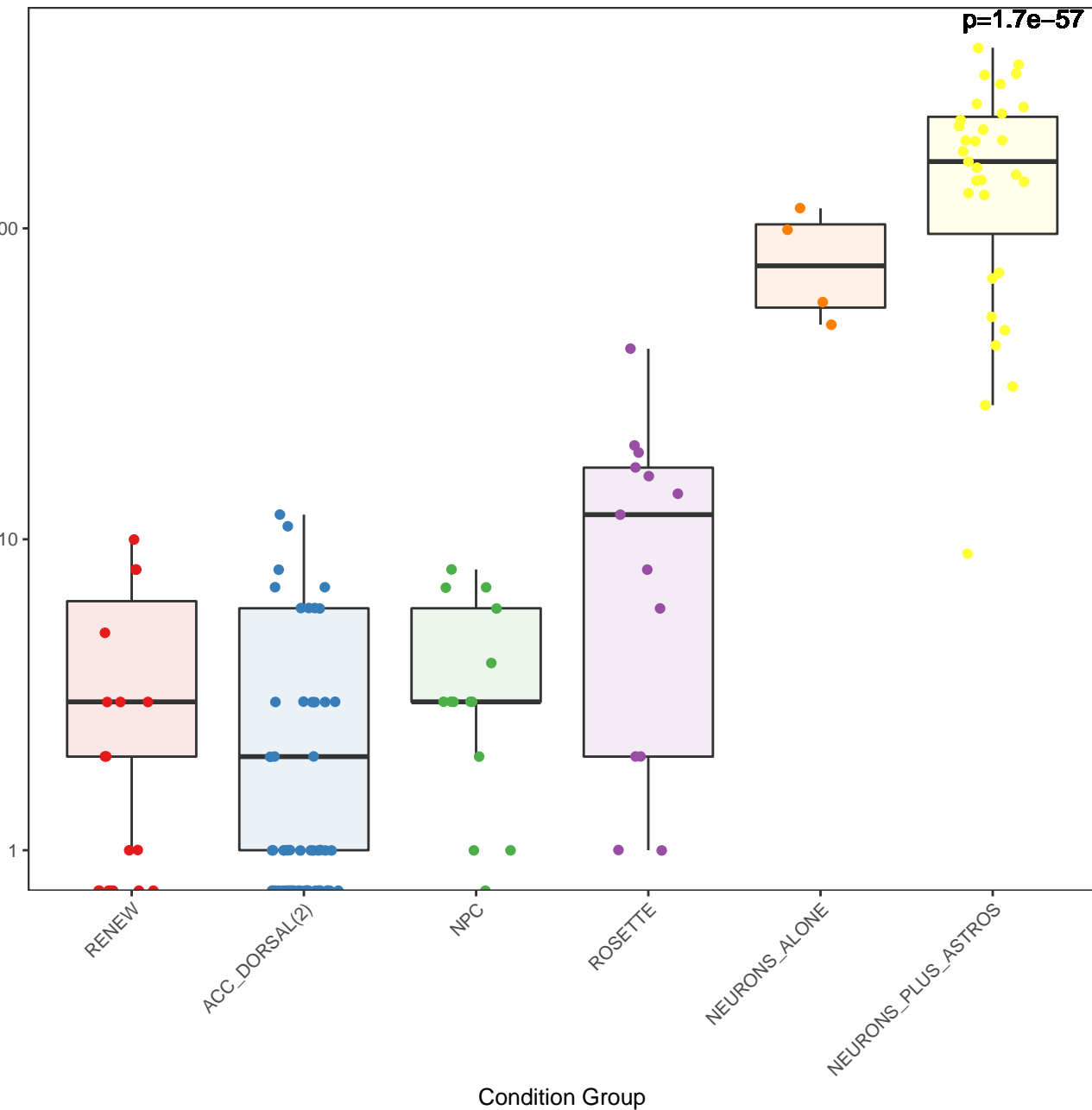
NPC

ROSETTE

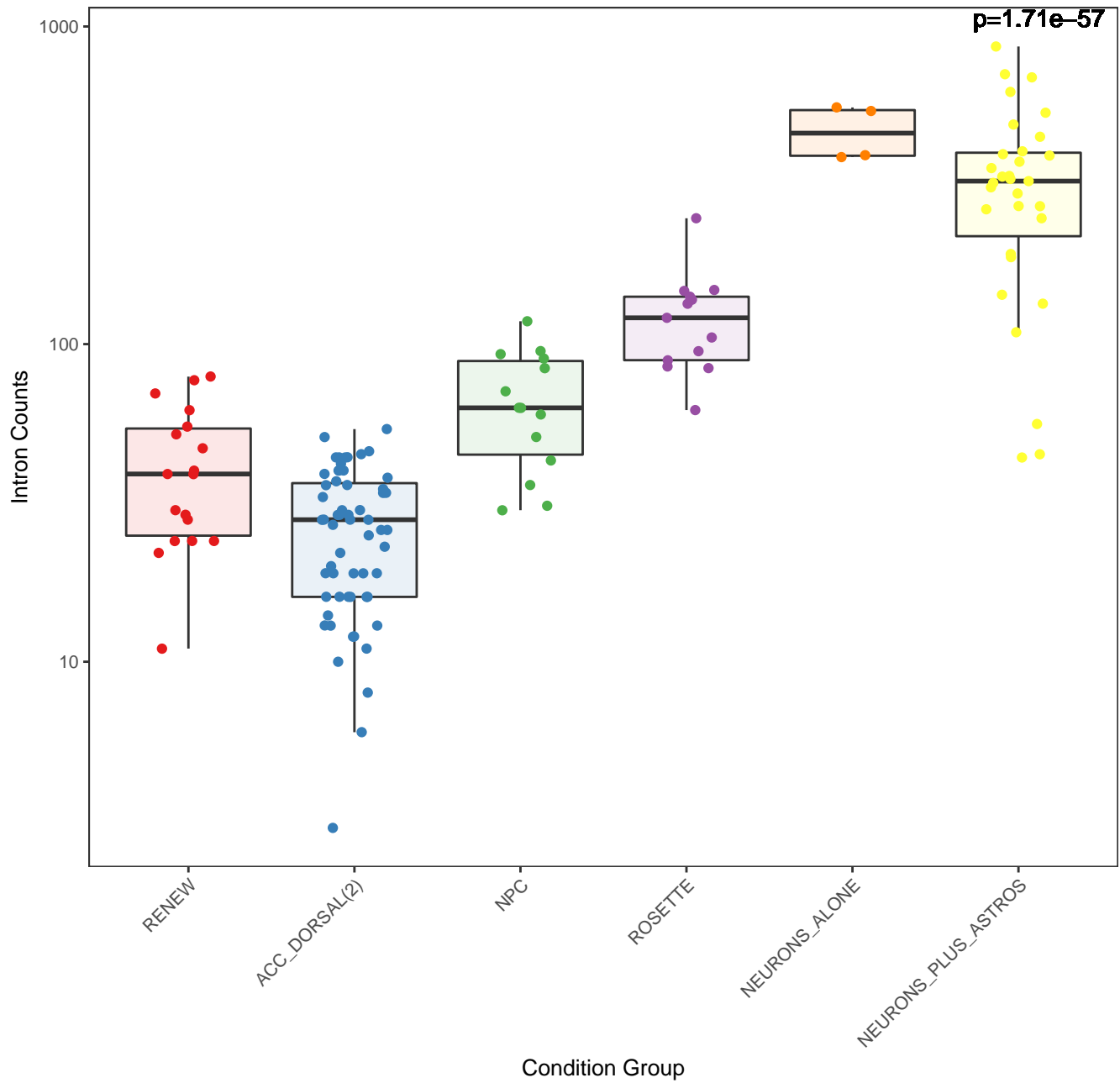
NEURONS\_ALONE

NEURONS\_PLUS\_ASTROS

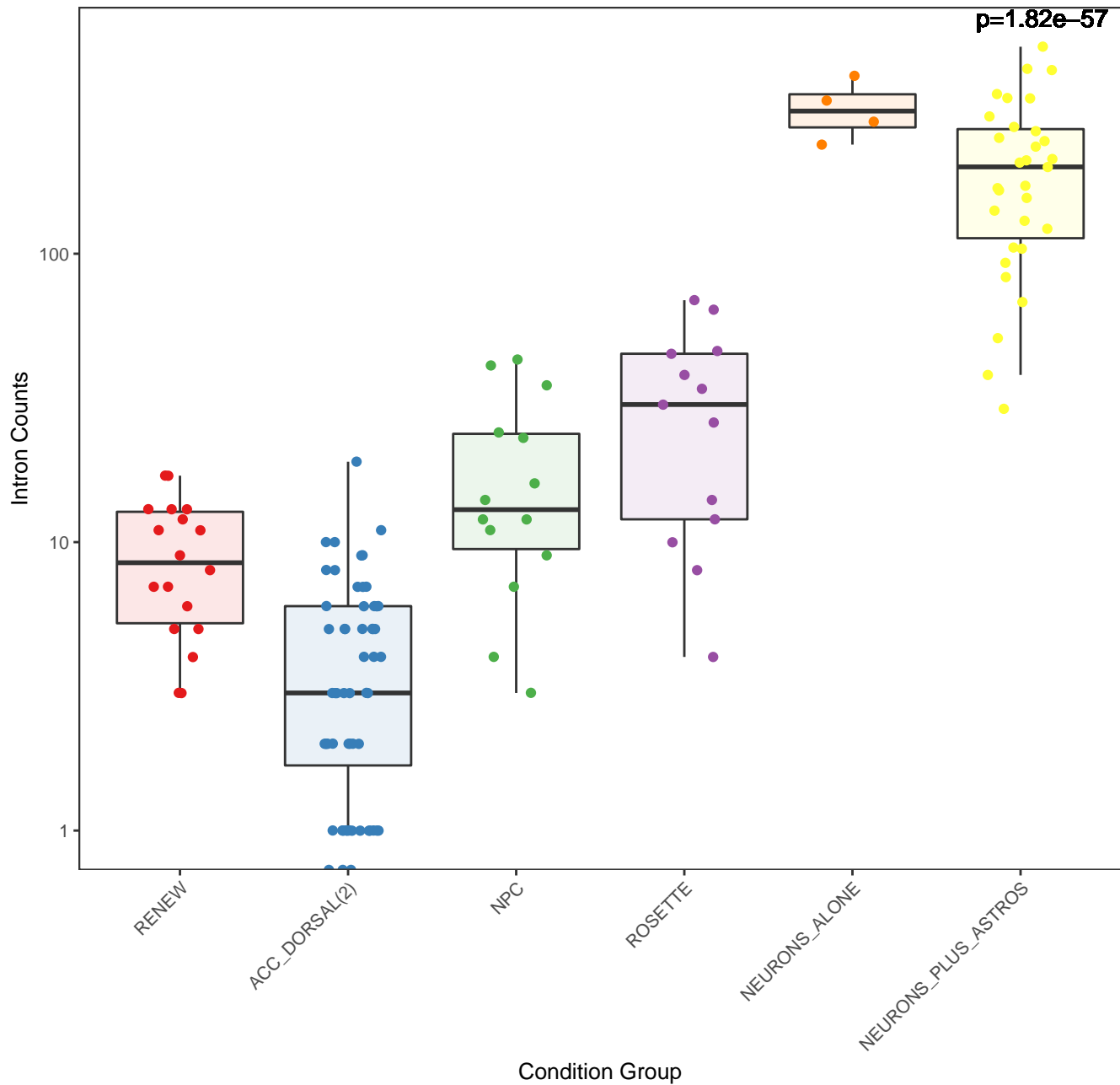
Condition Group

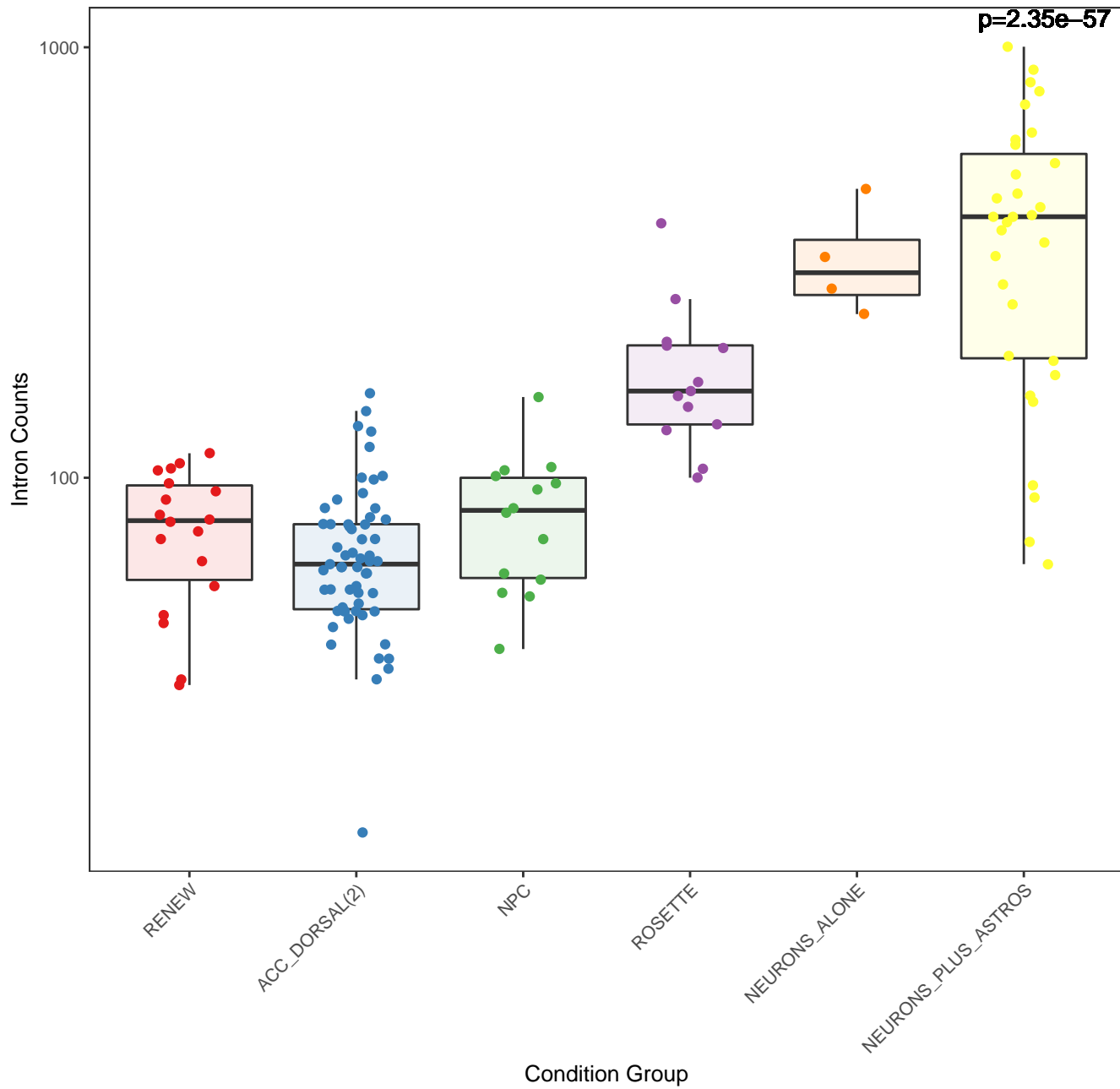


# Intron: MAP1LC3A

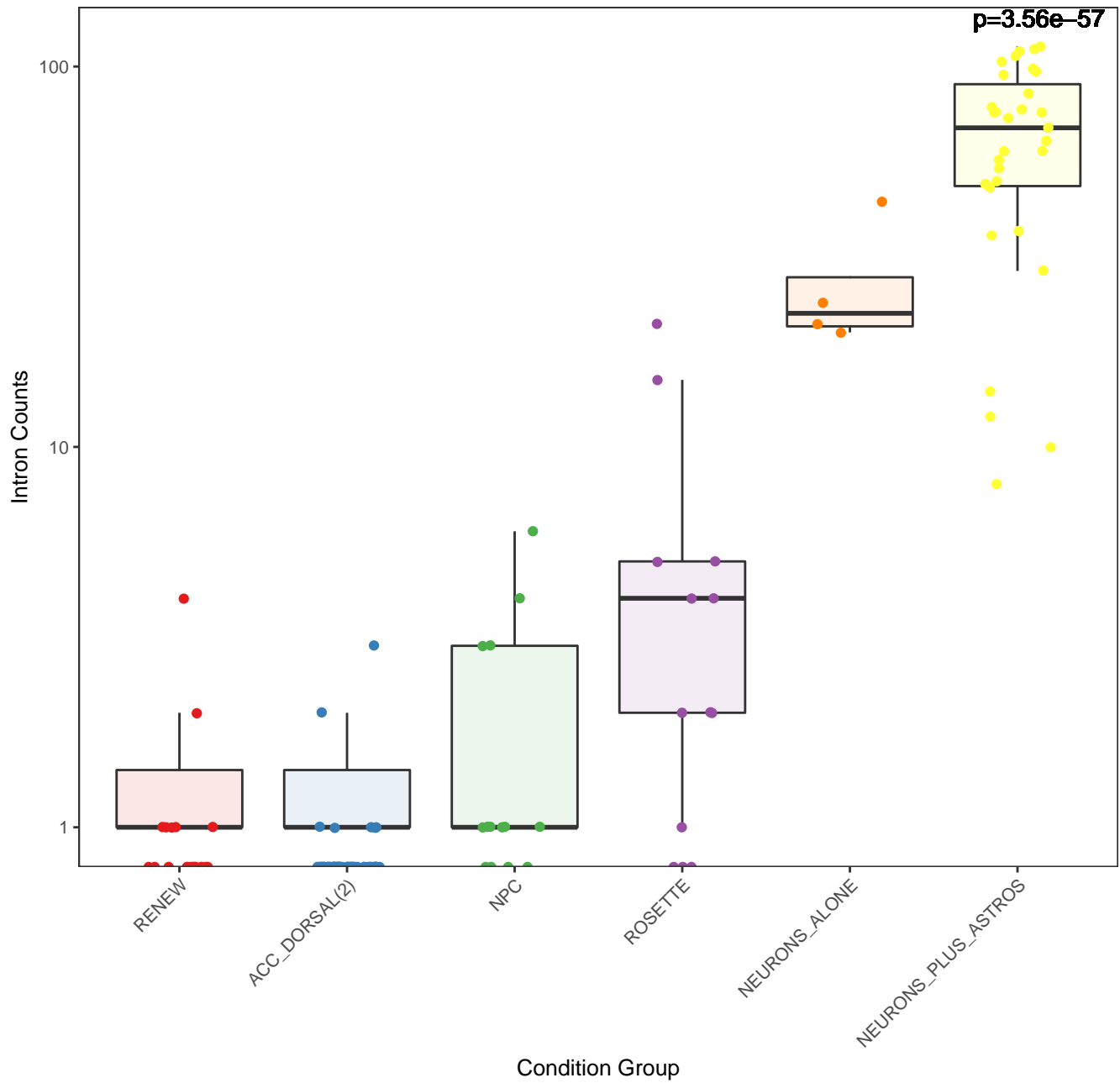








Intron: MAPT



# Intron: MYT1L

Intron Counts

$p=4.29e-57$

RENEW

ACC\_DORSAL(2)

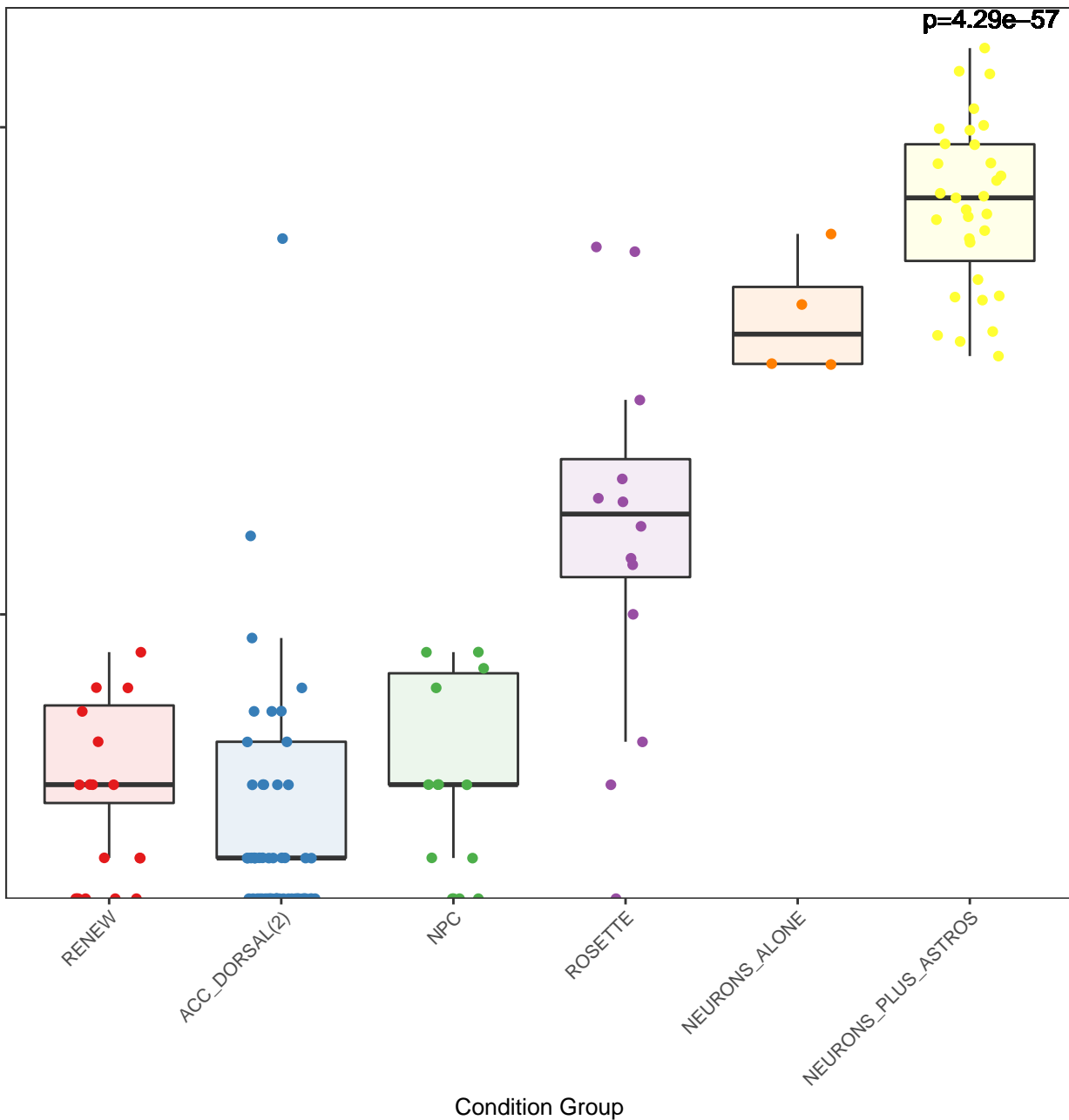
NPC

ROSETTE

NEURONS\_ALONE

NEURONS\_PLUS\_ASTROS

Condition Group



# Intron: MYT1L

Intron Counts

$p=4.74e-57$

RENEW

ACC\_DORSAL(2)

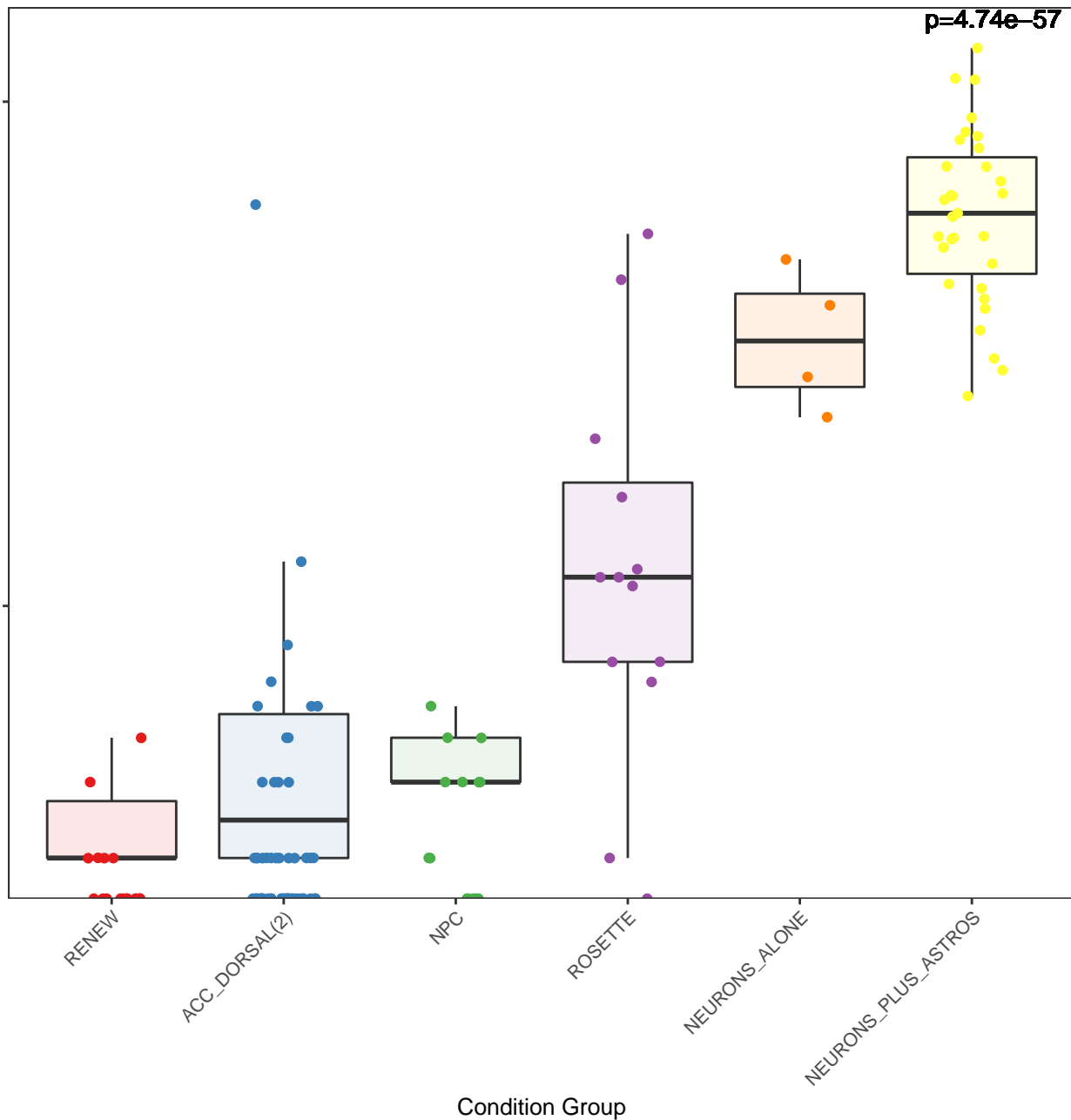
NPC

ROSETTE

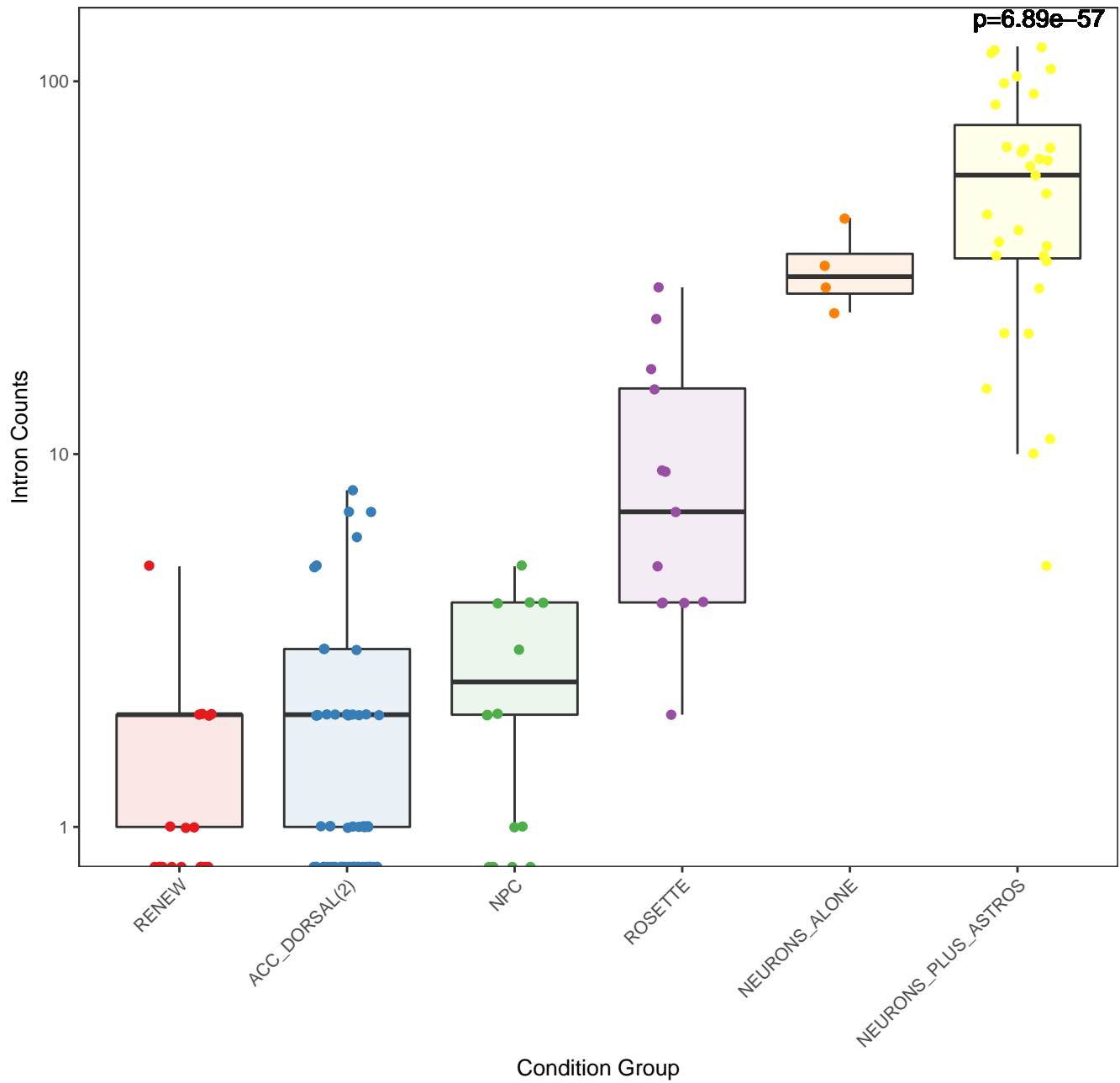
NEURONS\_ALONE

NEURONS\_PLUS\_ASTROS

Condition Group



Intron: SLC6A1



# Intron: GNG2

Intron Counts

$p=7.01e-57$

RENEW

ACC\_DORSAL(2)

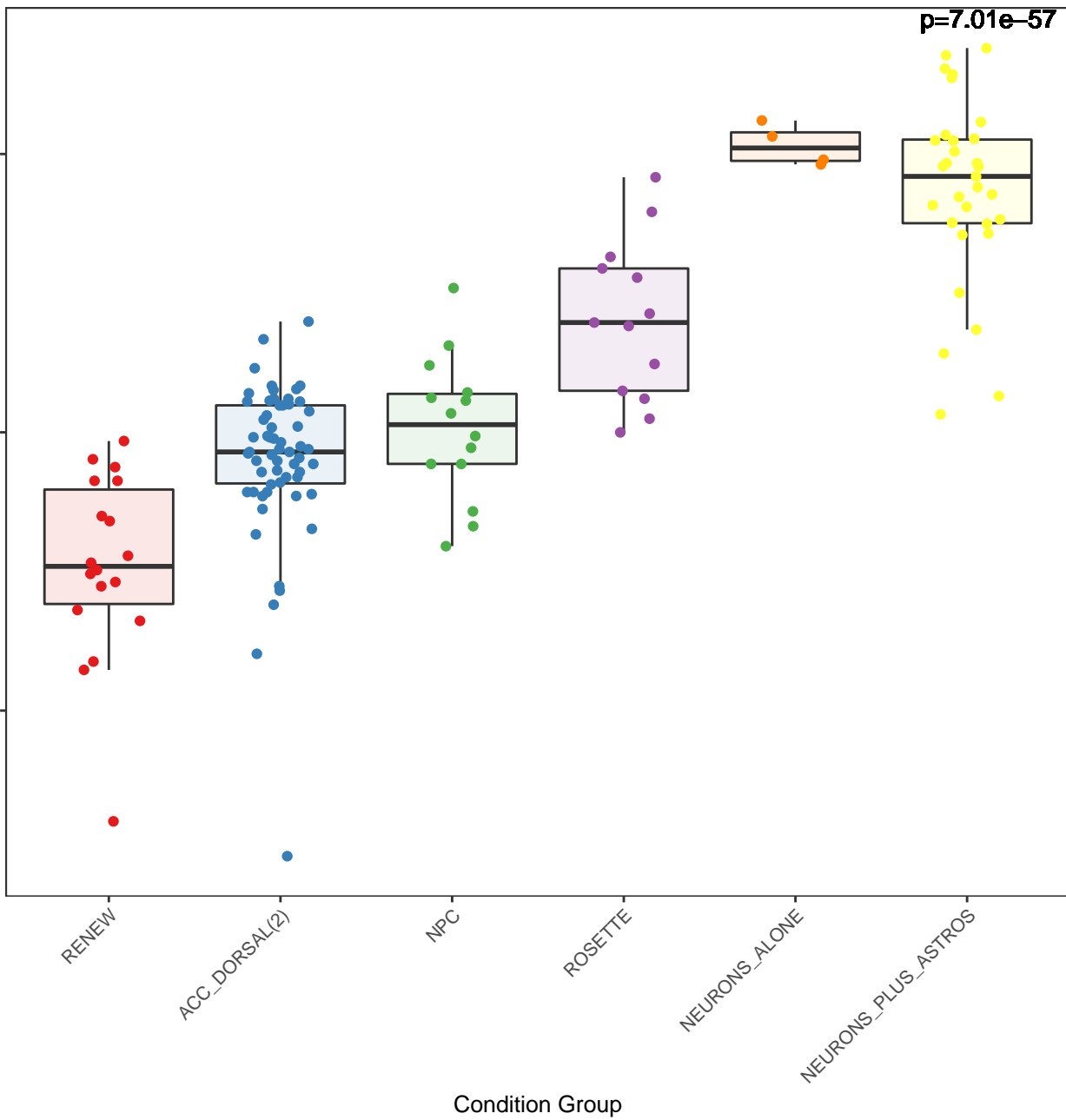
NPC

ROSETTE

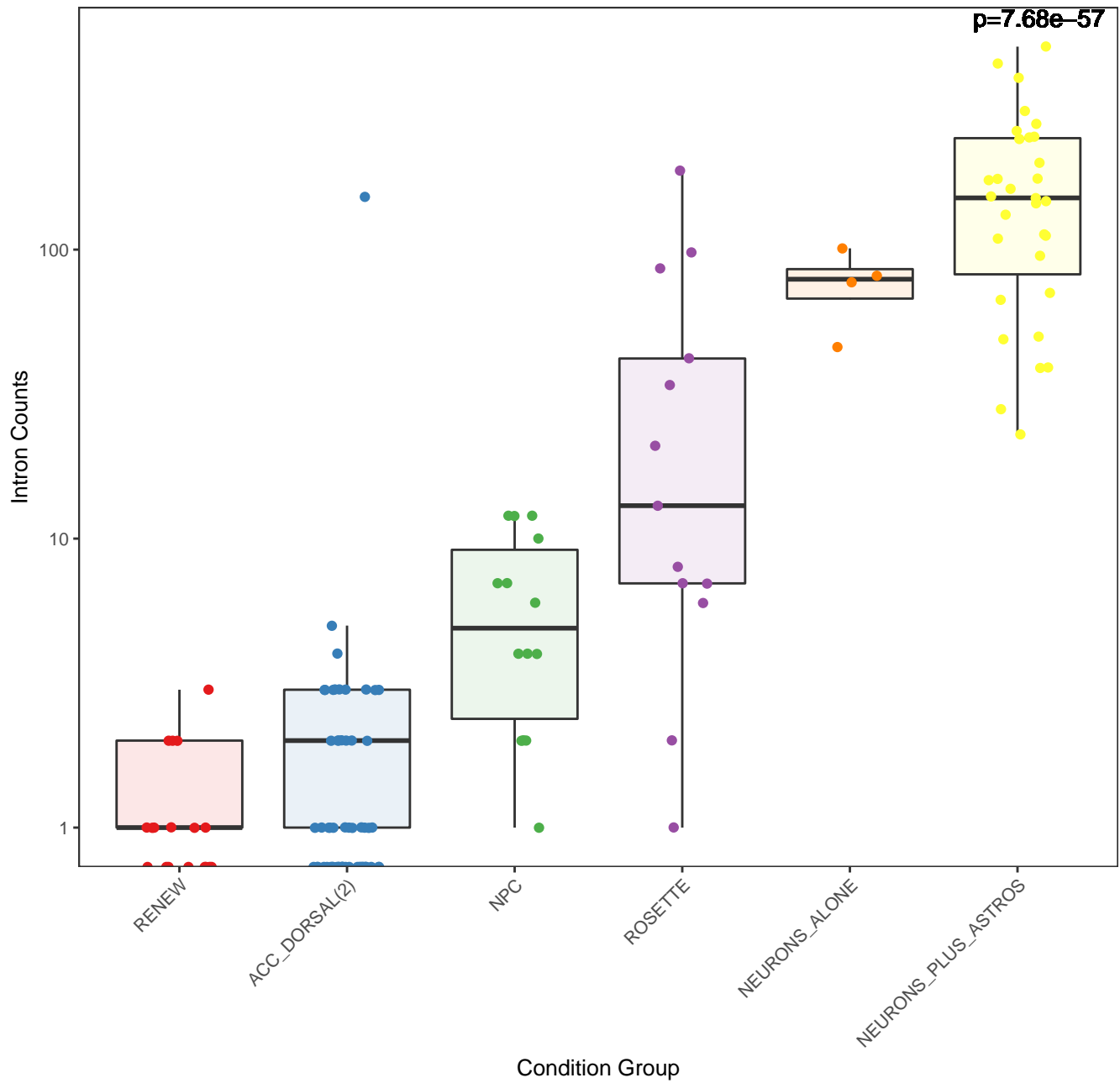
NEURONS\_ALONE

NEURONS\_PLUS\_ASTROS

Condition Group

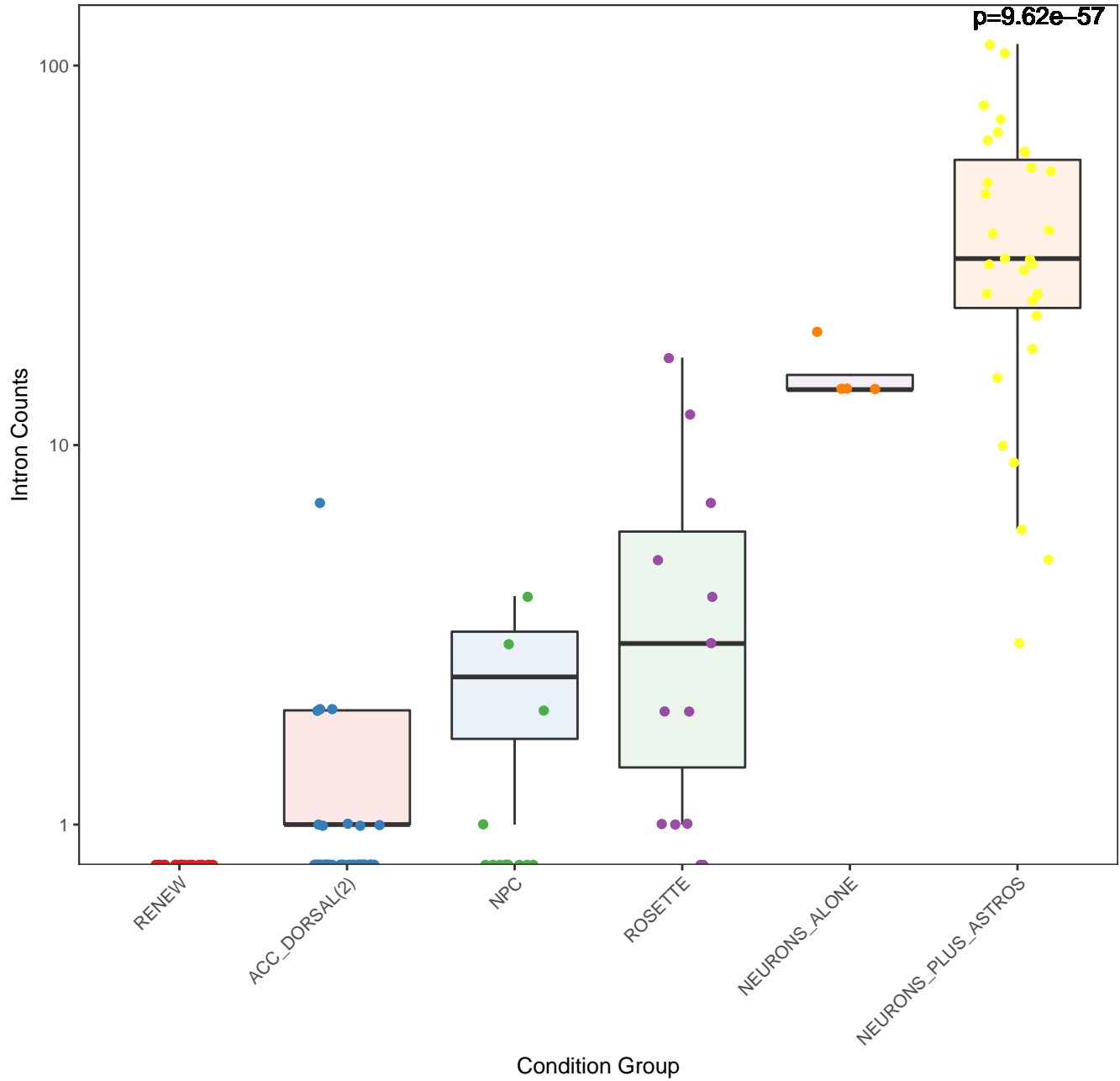


# Intron: CSMD3

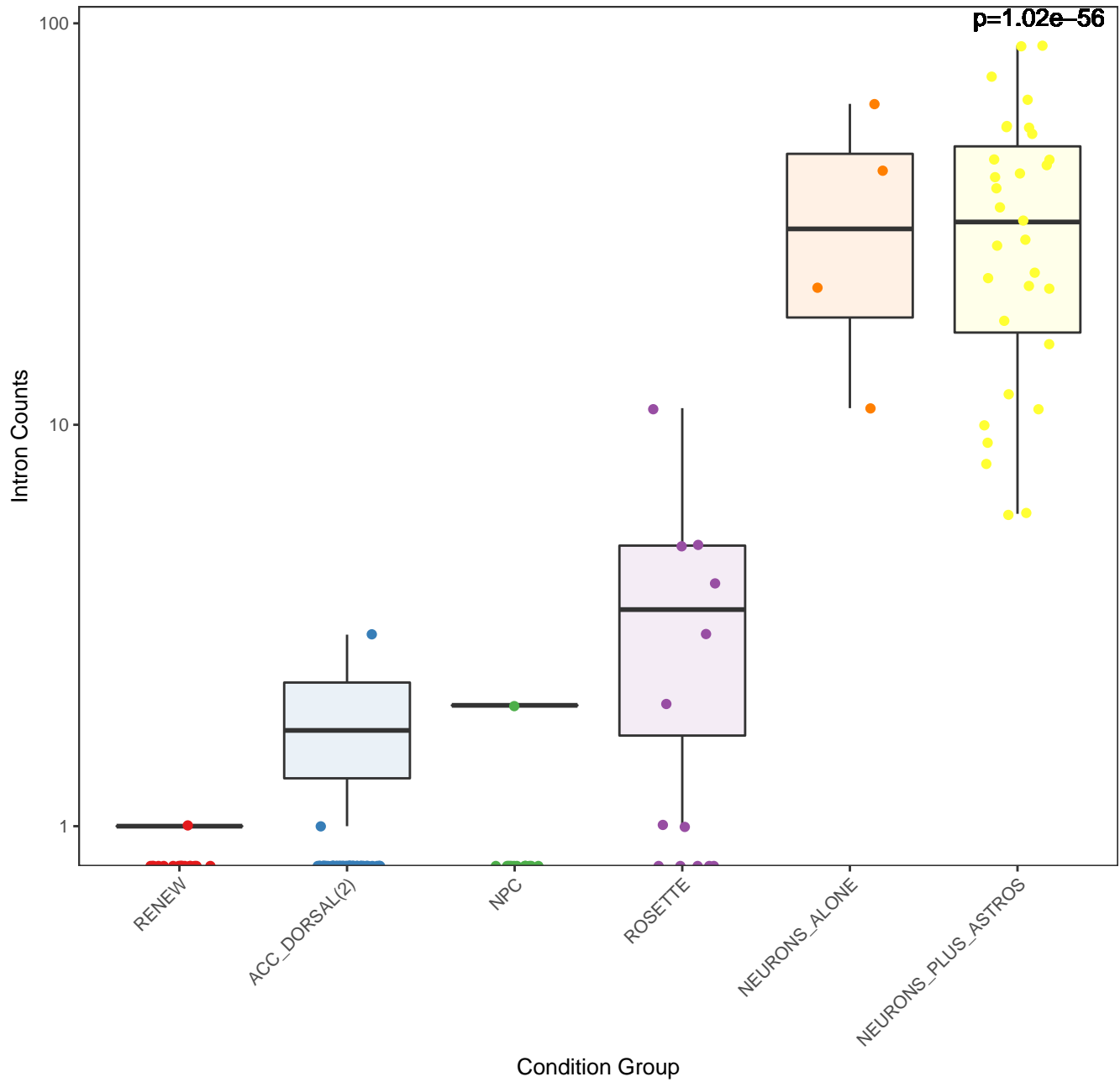




# Intron: SCN3A



# Intron: GRIA2



# Intron: SNHG14

Intron Counts

$p=1.07e-56$

1000

10

RENEW

ACC\_DORSAL(2)

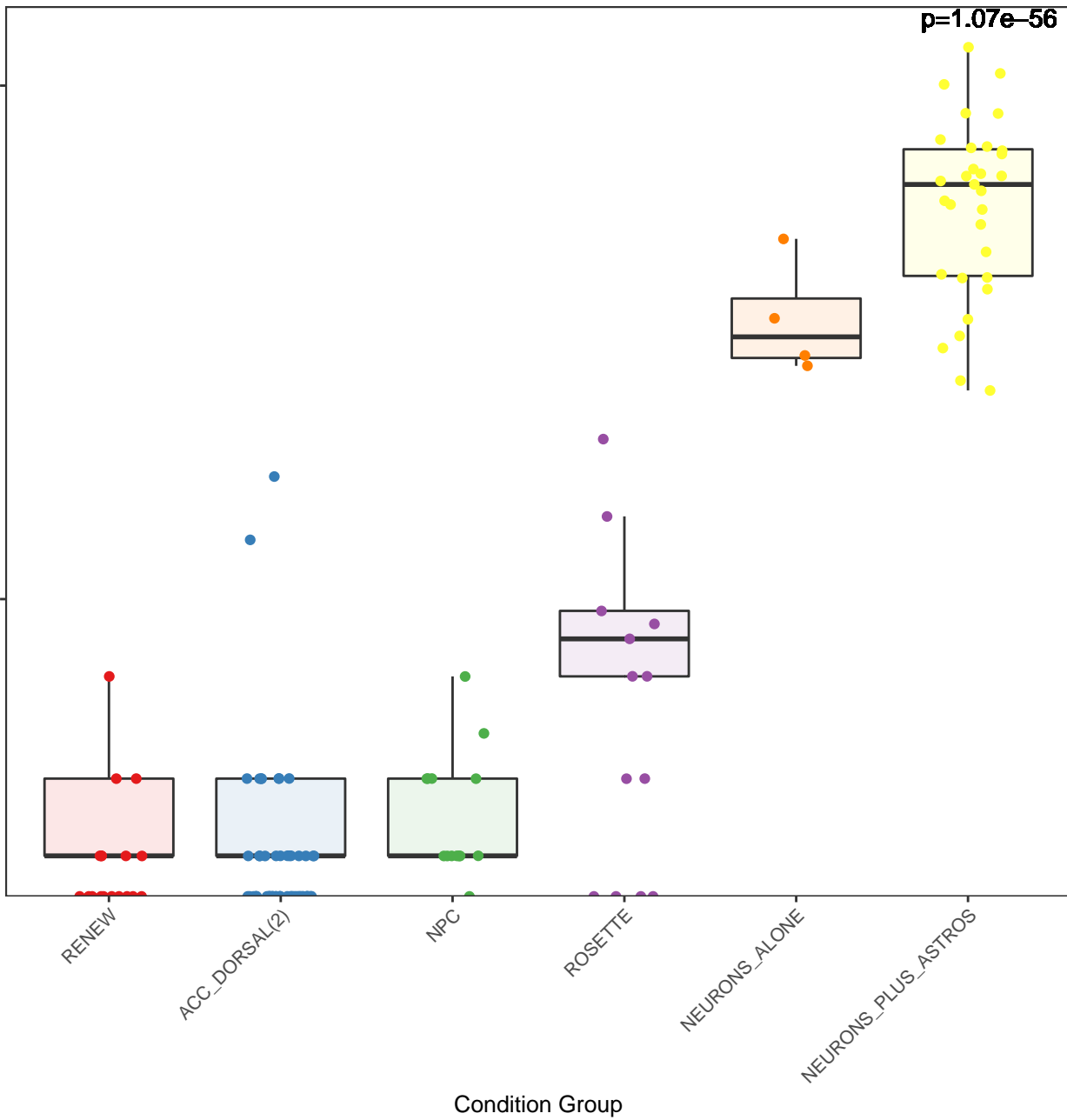
NPC

ROSETTE

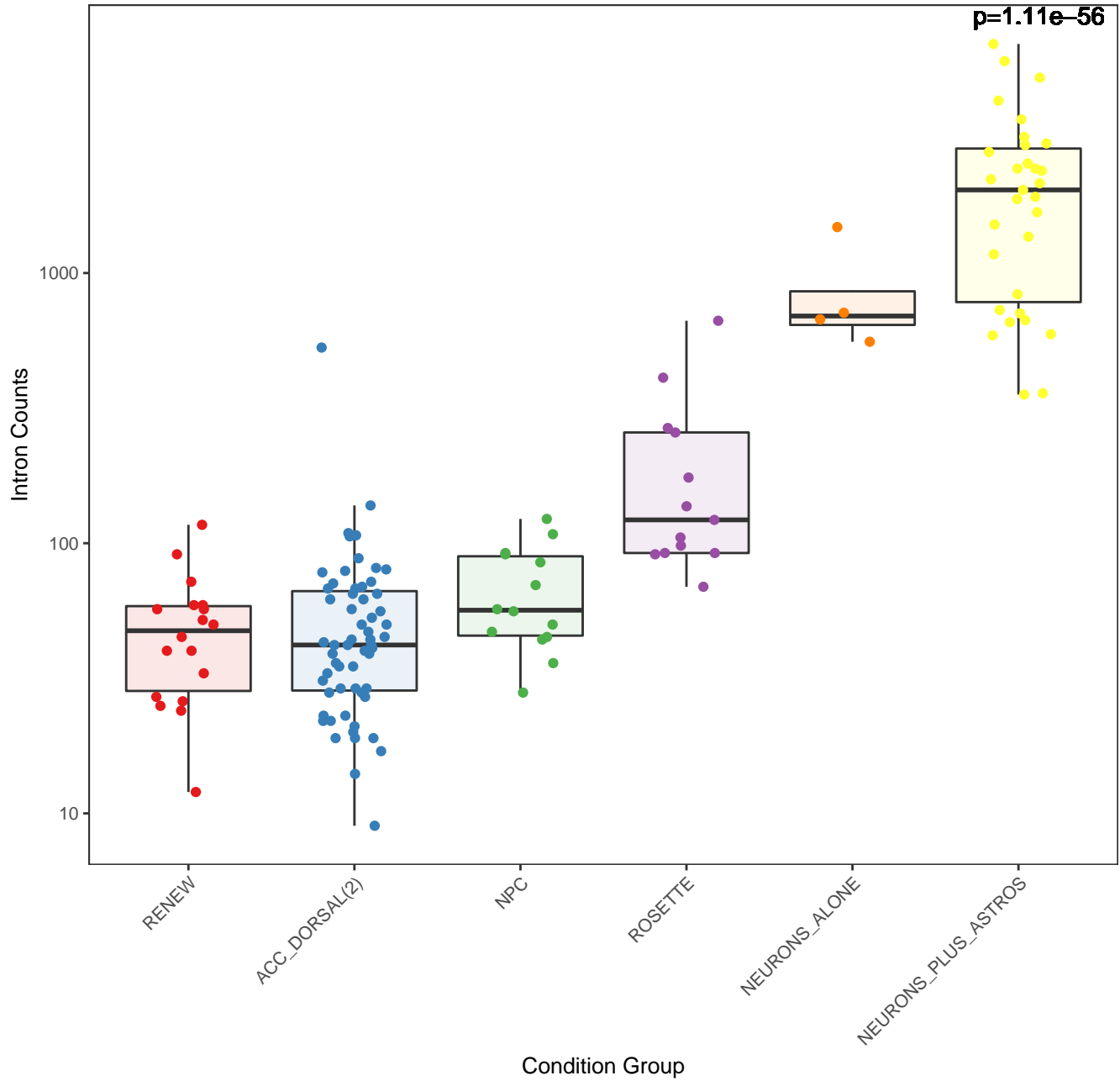
NEURONS\_ALONE

NEURONS\_PLUS\_ASTROS

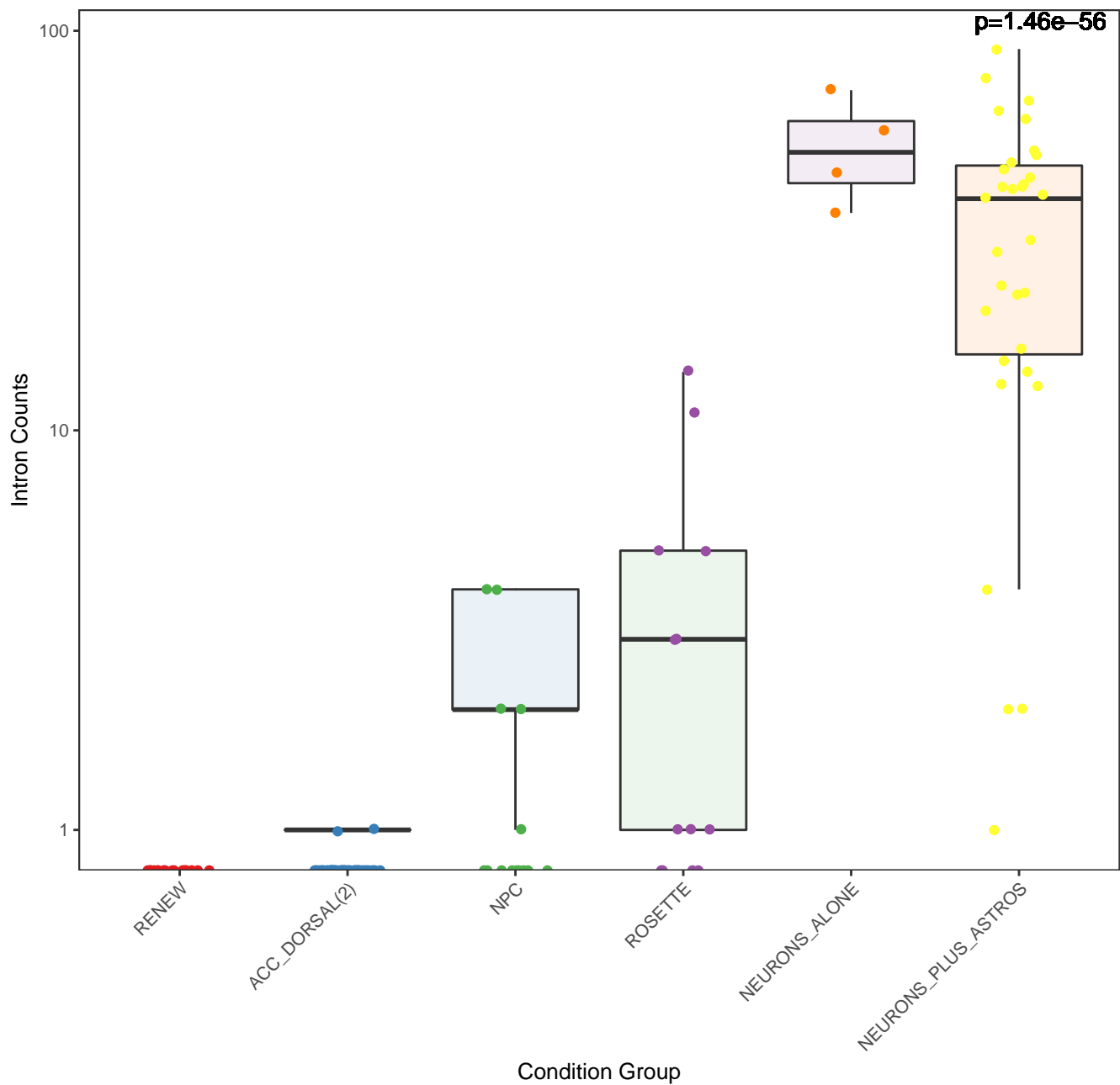
Condition Group



# Intron: NCAM2



# Intron: CSMD3



# Intron: SNHG14

Intron Counts

$p=1.63e-56$

1000

10

RENEW

ACC\_DORSAL(2)

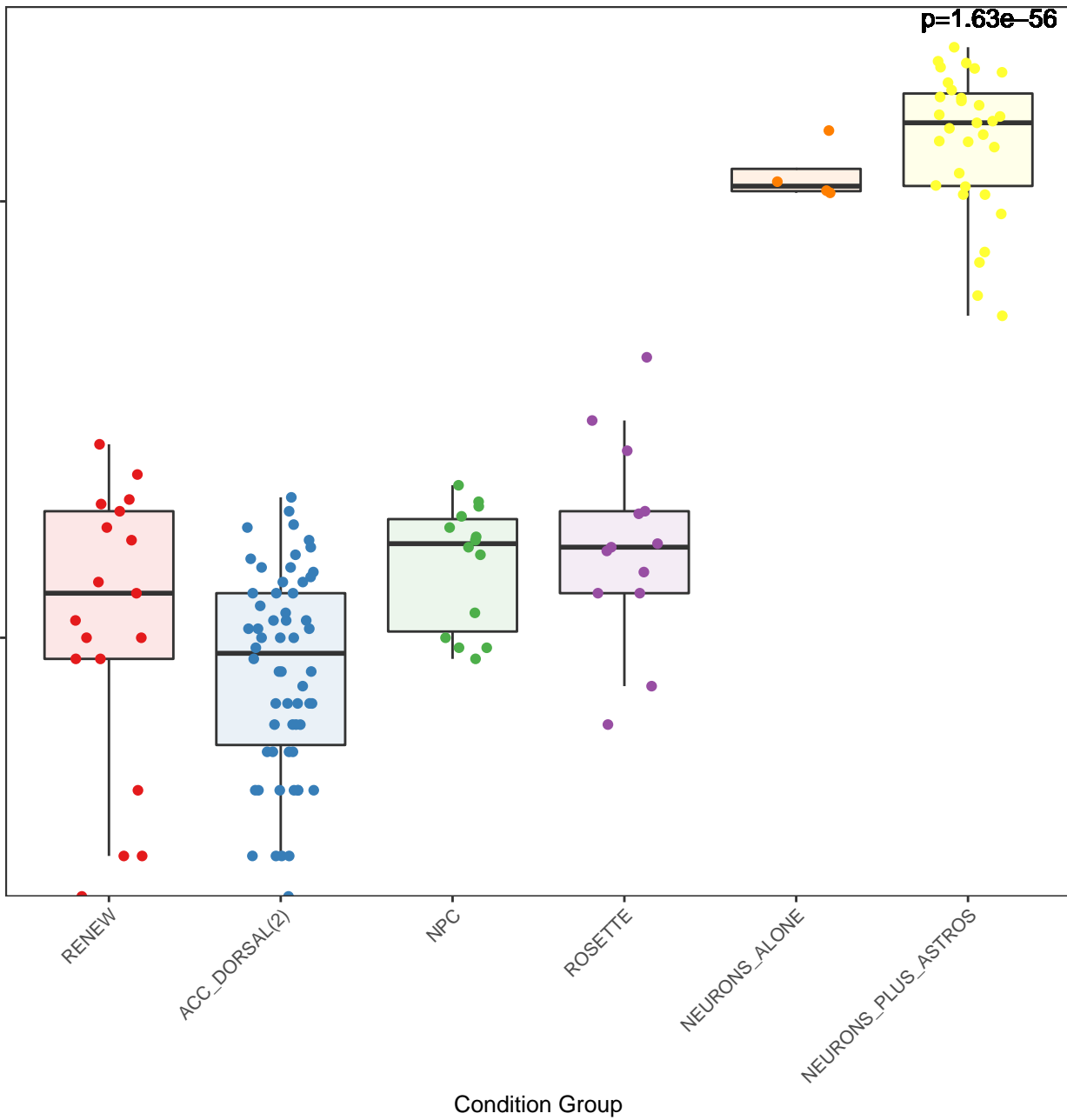
NPC

ROSETTE

NEURONS\_ALONE

NEURONS\_PLUS\_ASTROS

Condition Group



# Intron: B3GALNT1

Intron Counts

$p=1.7e-56$

RENEW

ACC\_DORSAL(2)

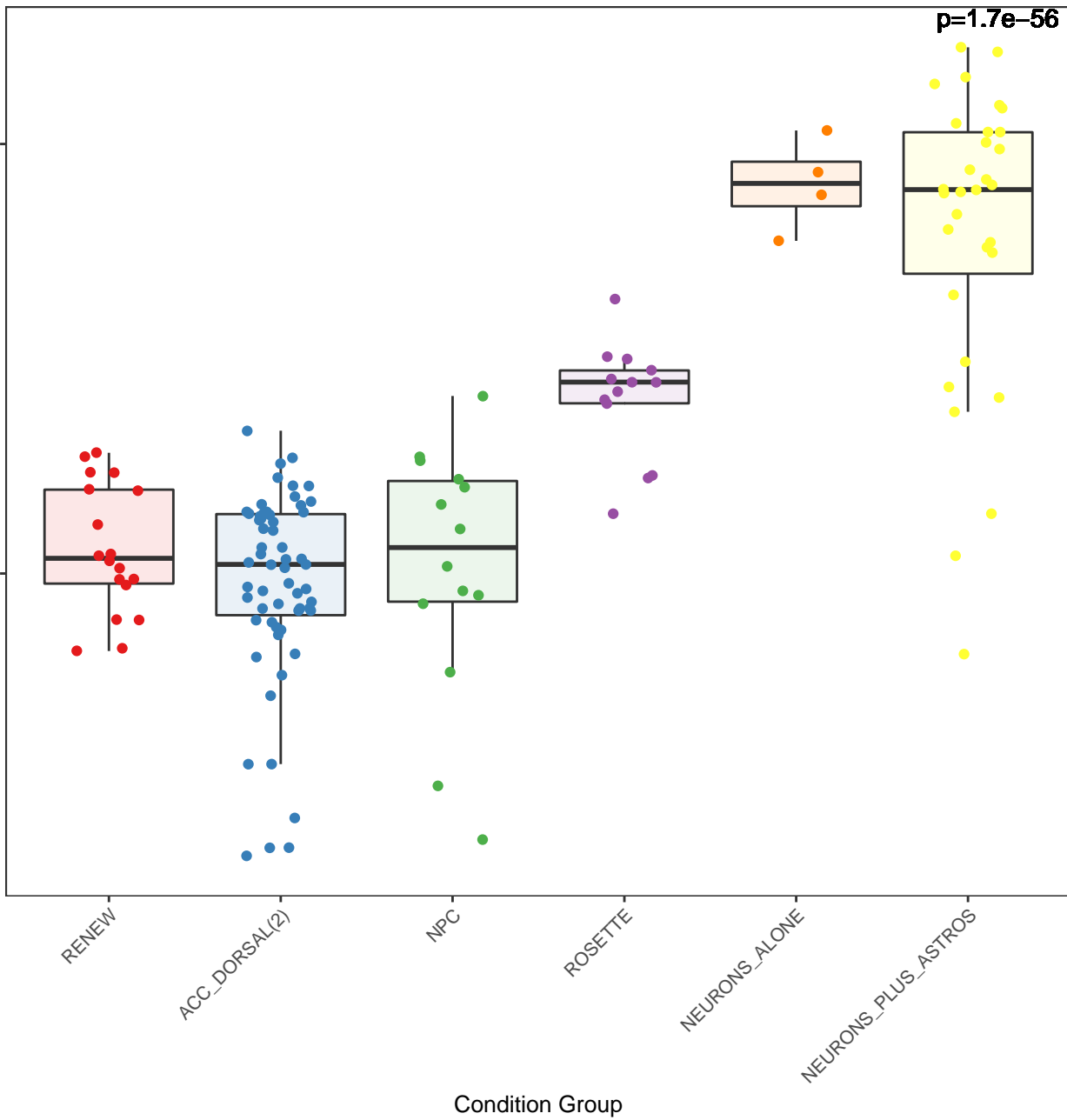
NPC

ROSETTE

NEURONS\_ALONE

NEURONS\_PLUS\_ASTROS

Condition Group



# Intron: DYNC111

Intron Counts

$p=1.97e-56$

1000

10

RENEW

ACC\_DORSAL(2)

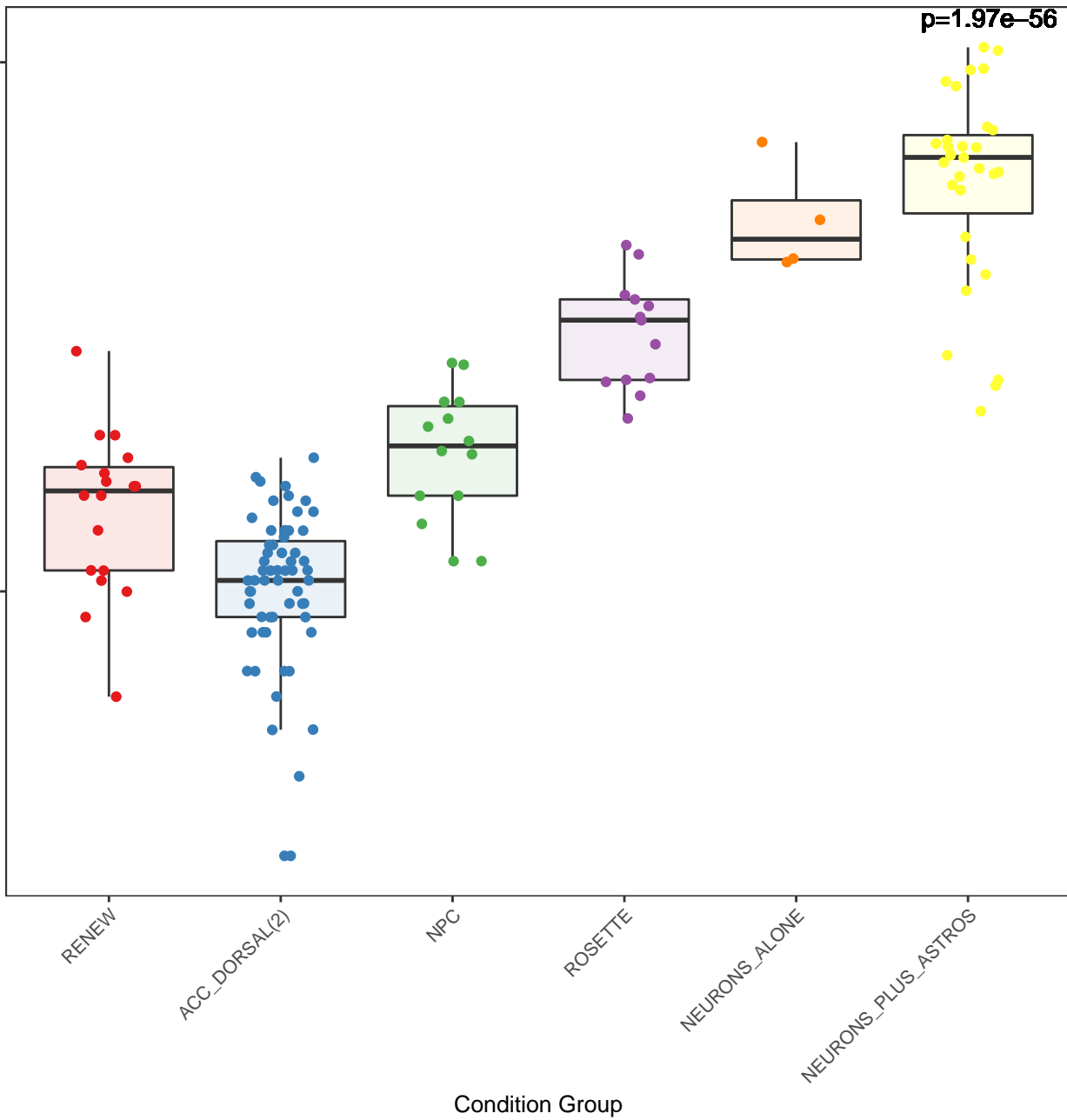
NPC

ROSETTE

NEURONS\_ALONE

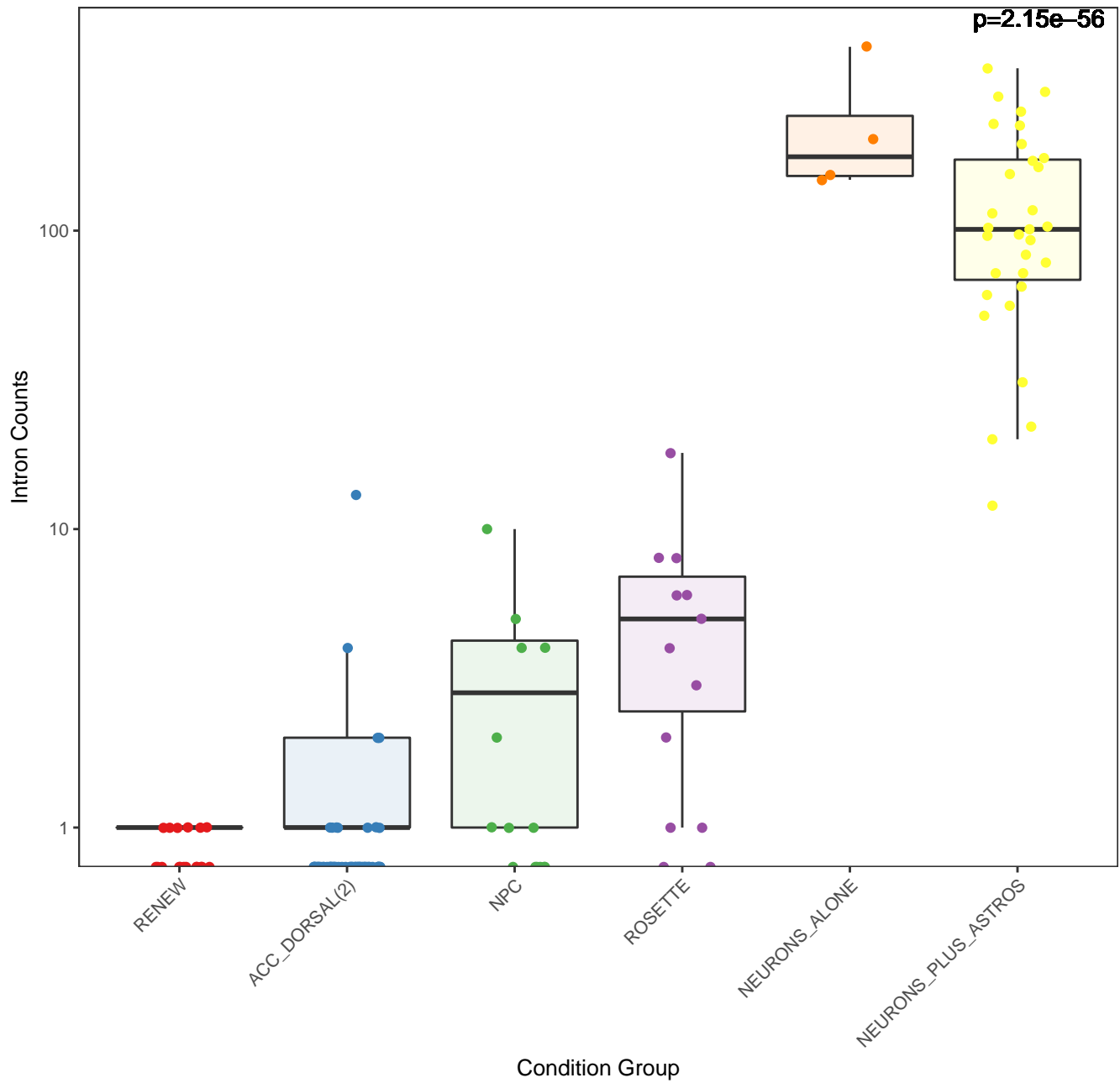
NEURONS\_PLUS\_ASTROS

Condition Group

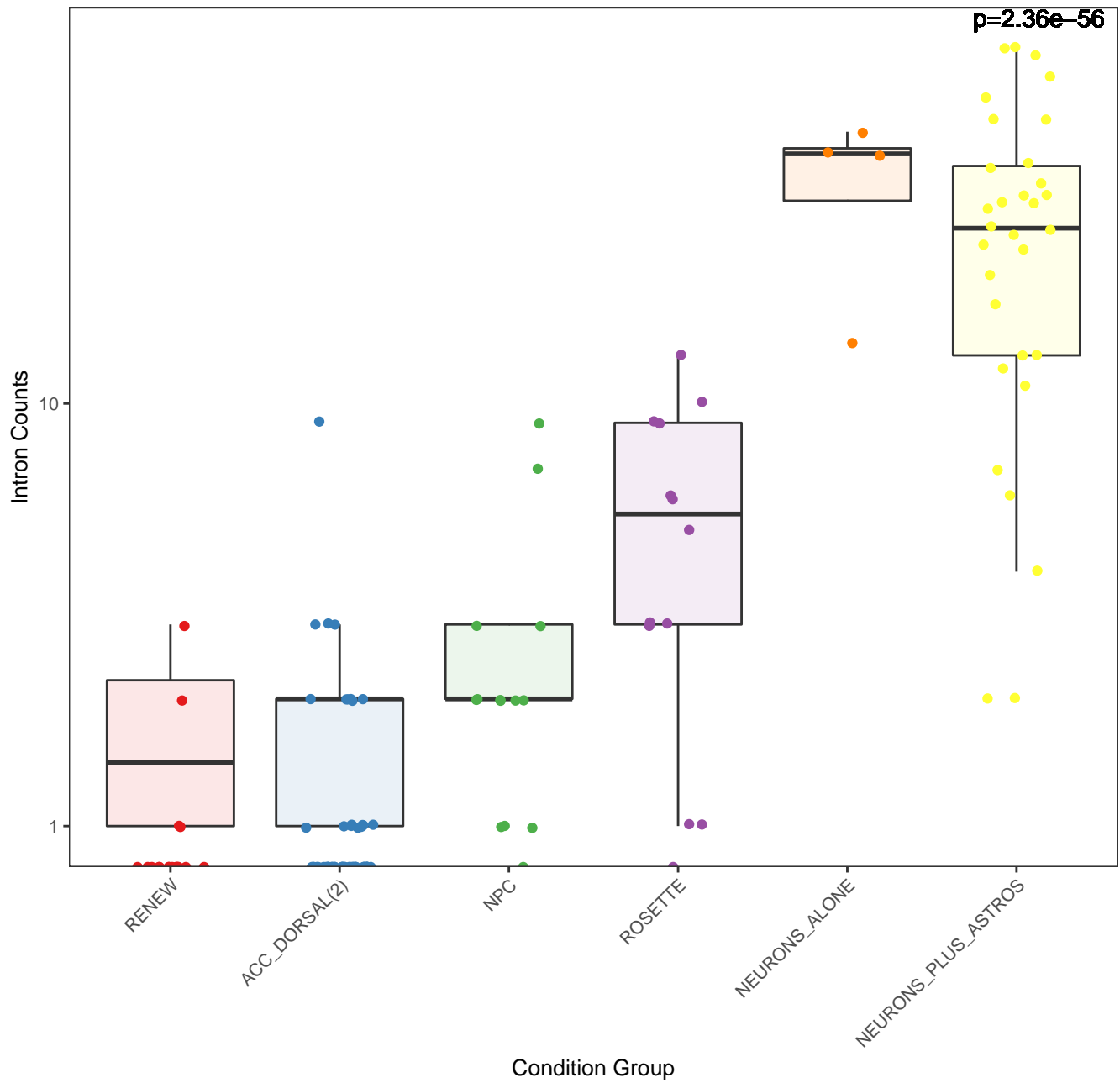




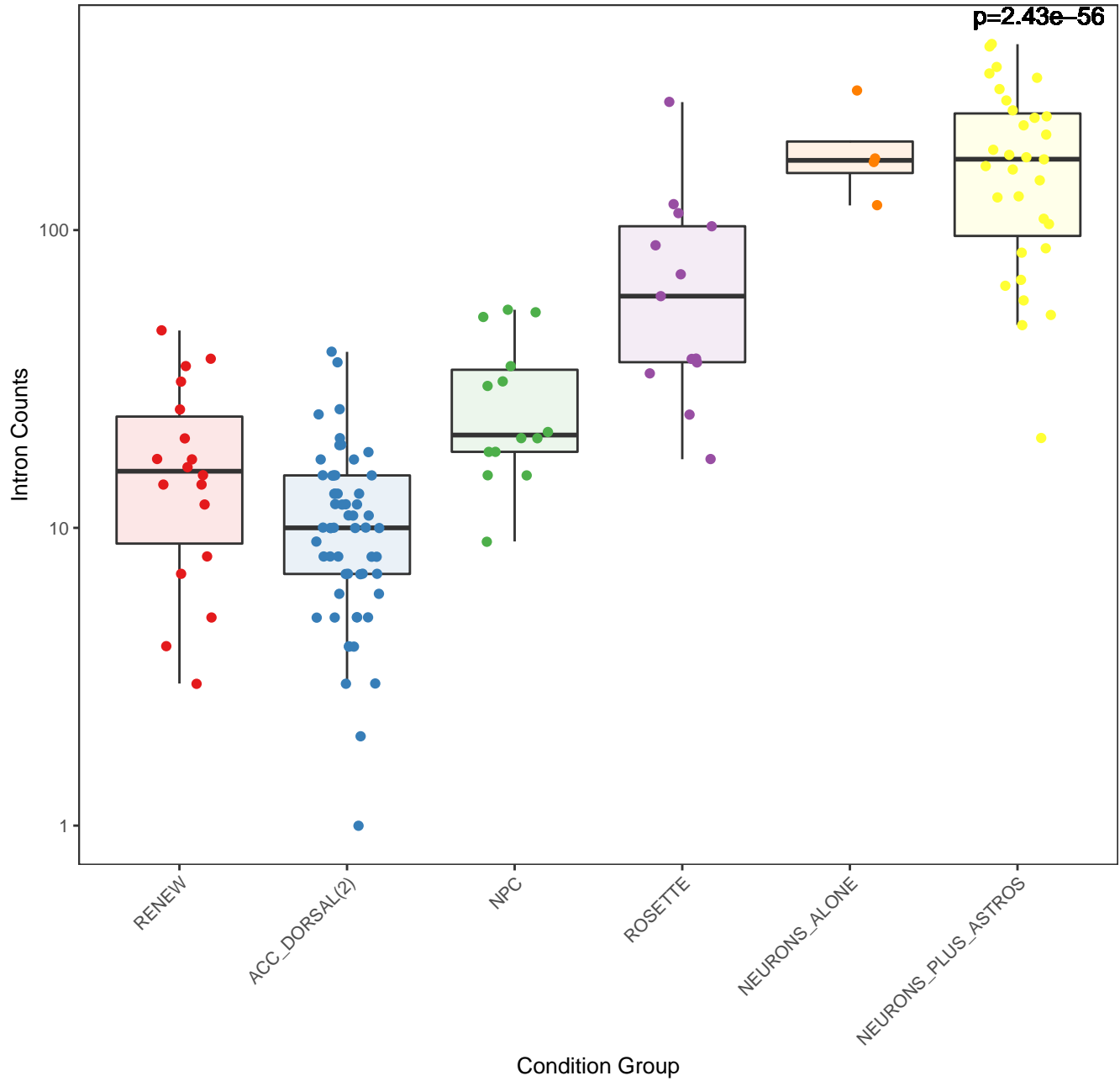
Intron: EPHA5



Intron: PSD2



# Intron: NCAM2



# Intron: SLIT1

Intron Counts

$p=3.56e-56$

1000

10

RENEW

ACC\_DORSAL(2)

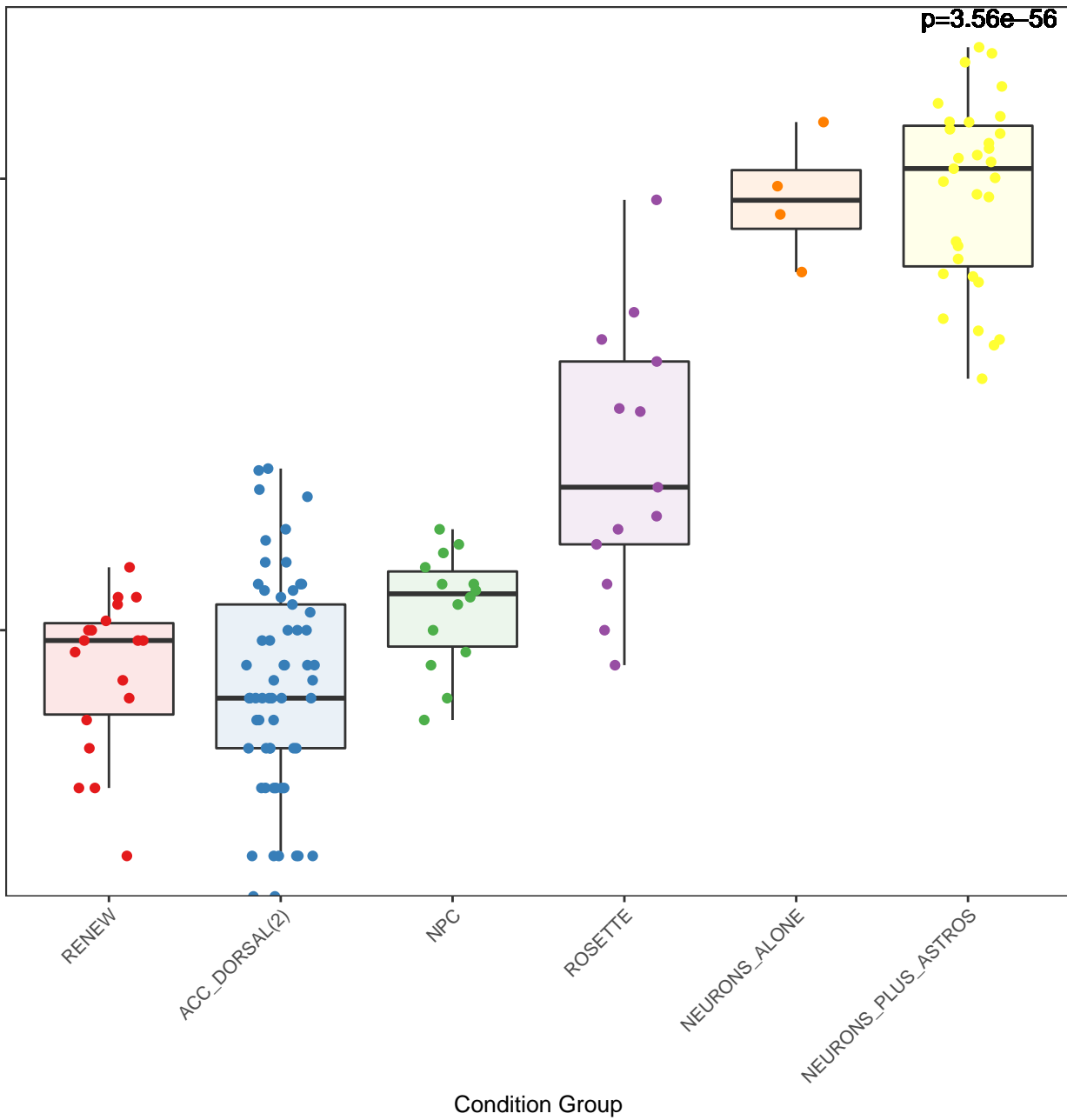
NPC

ROSETTE

NEURONS\_ALONE

NEURONS\_PLUS\_ASTROS

Condition Group



# Intron: FGF14

Intron Counts

$p=3.64e-56$

1000

10

RENEW

ACC\_DORSAL(2)

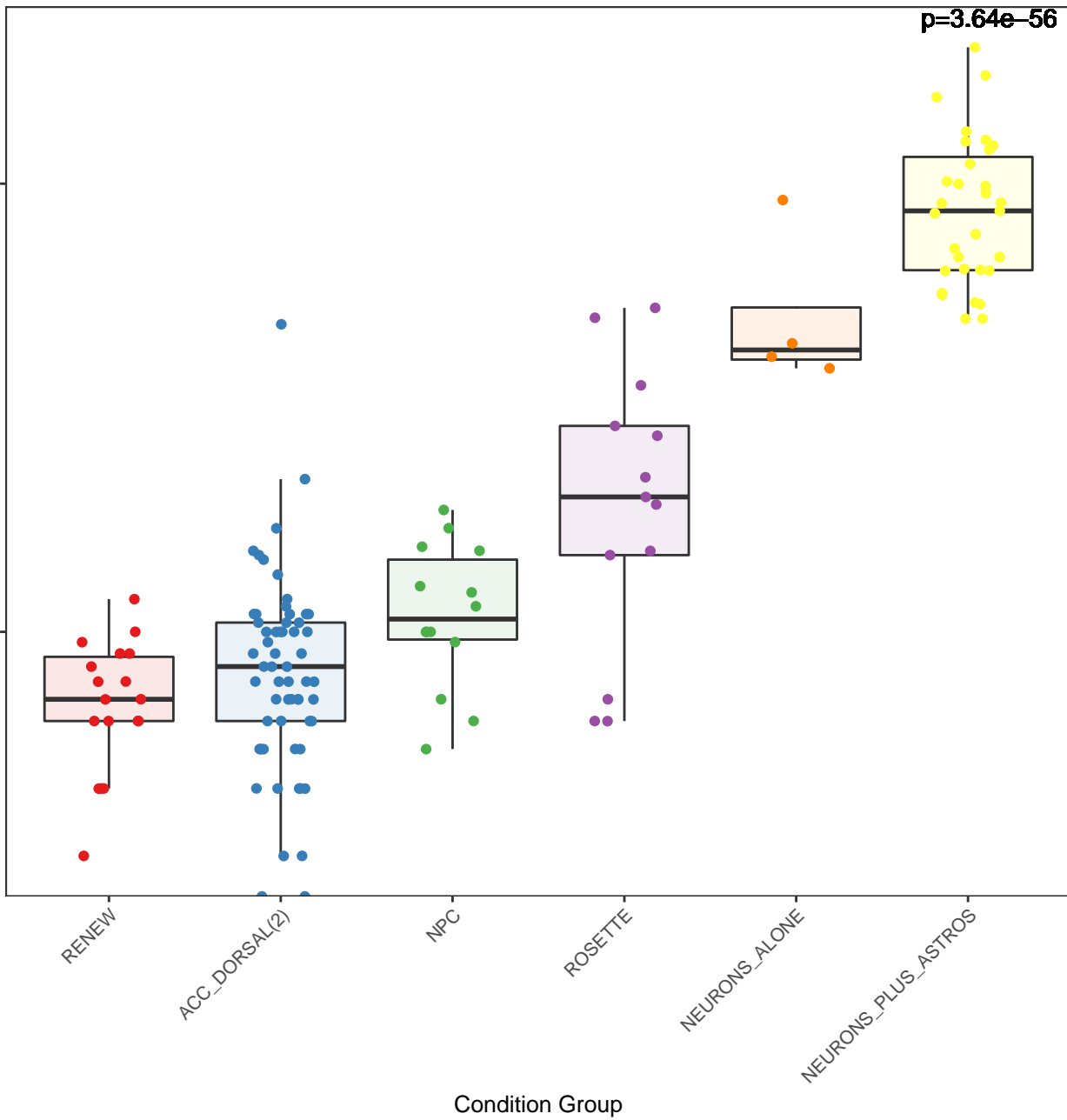
NPC

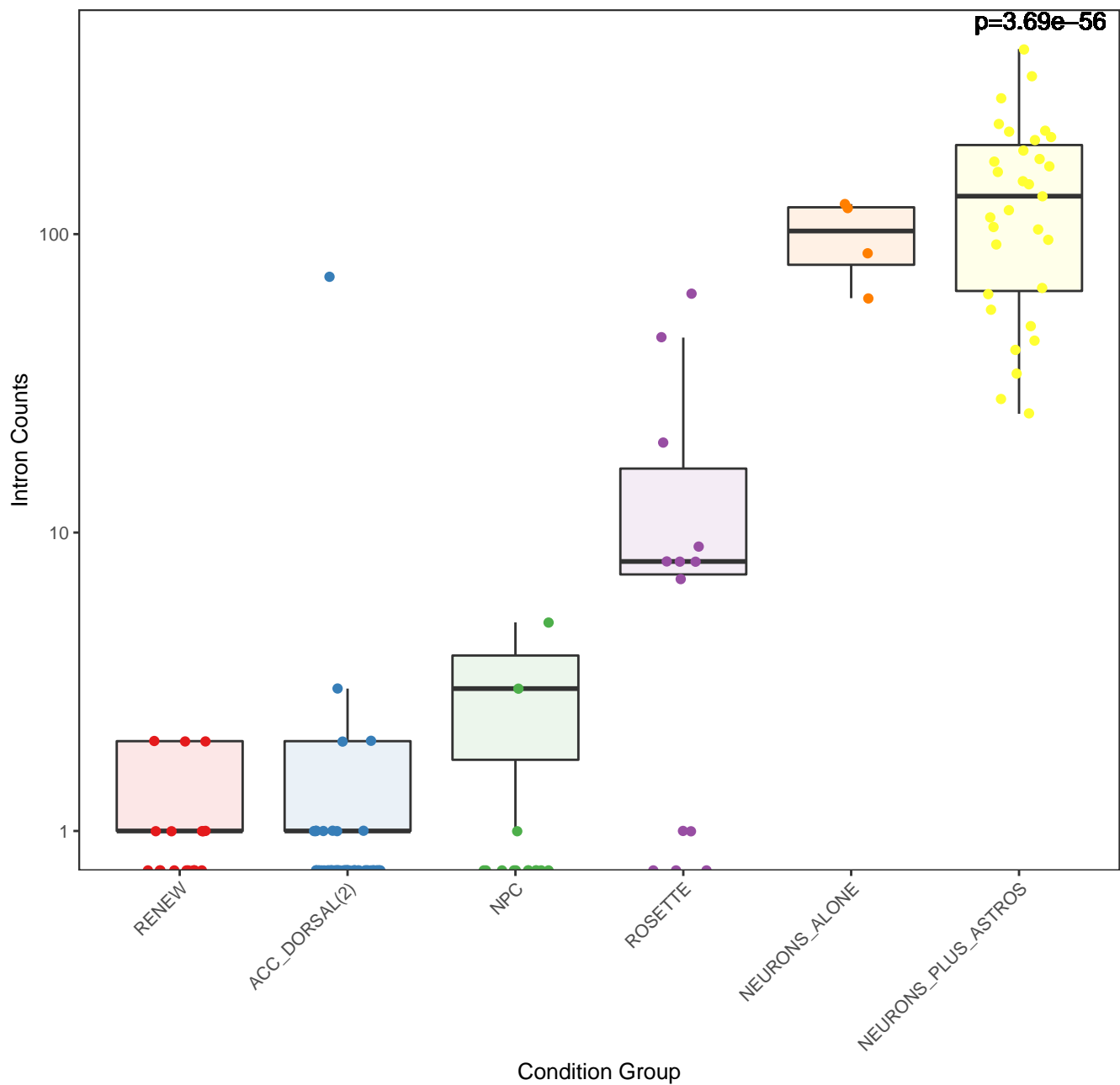
ROSETTE

NEURONS\_ALONE

NEURONS\_PLUS\_ASTROS

Condition Group





# Intron: CTIF

Intron Counts

100

$p=4.66e-56$

RENEW

ACC\_DORSAL(2)

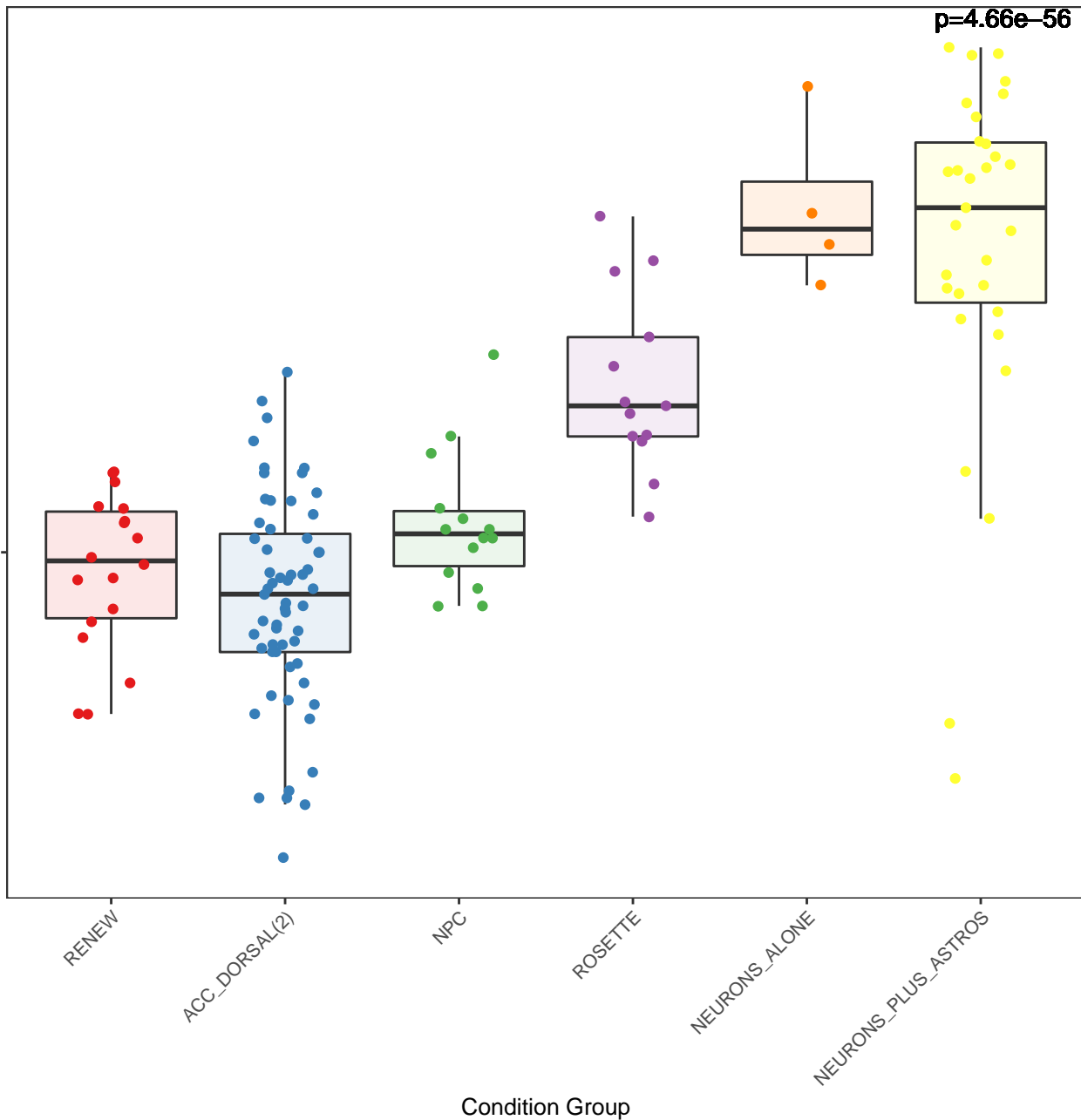
NPC

ROSETTE

NEURONS\_ALONE

NEURONS\_PLUS\_ASTROS

Condition Group



# Intron: IL13RA2

Intron Counts

$p=5.09e-56$

RENEW

ACC\_DORSAL(2)

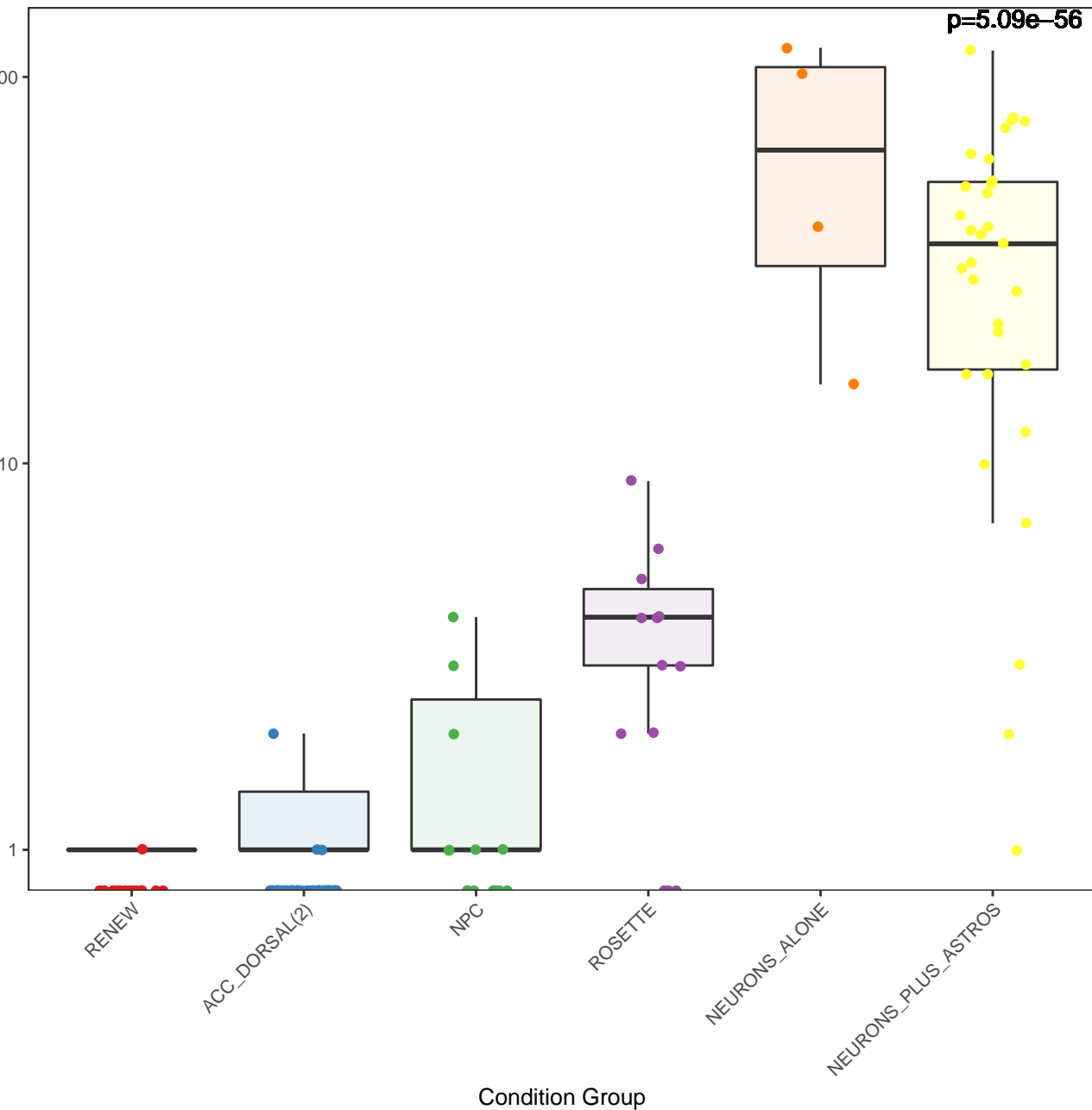
NPC

ROSETTE

NEURONS\_ALONE

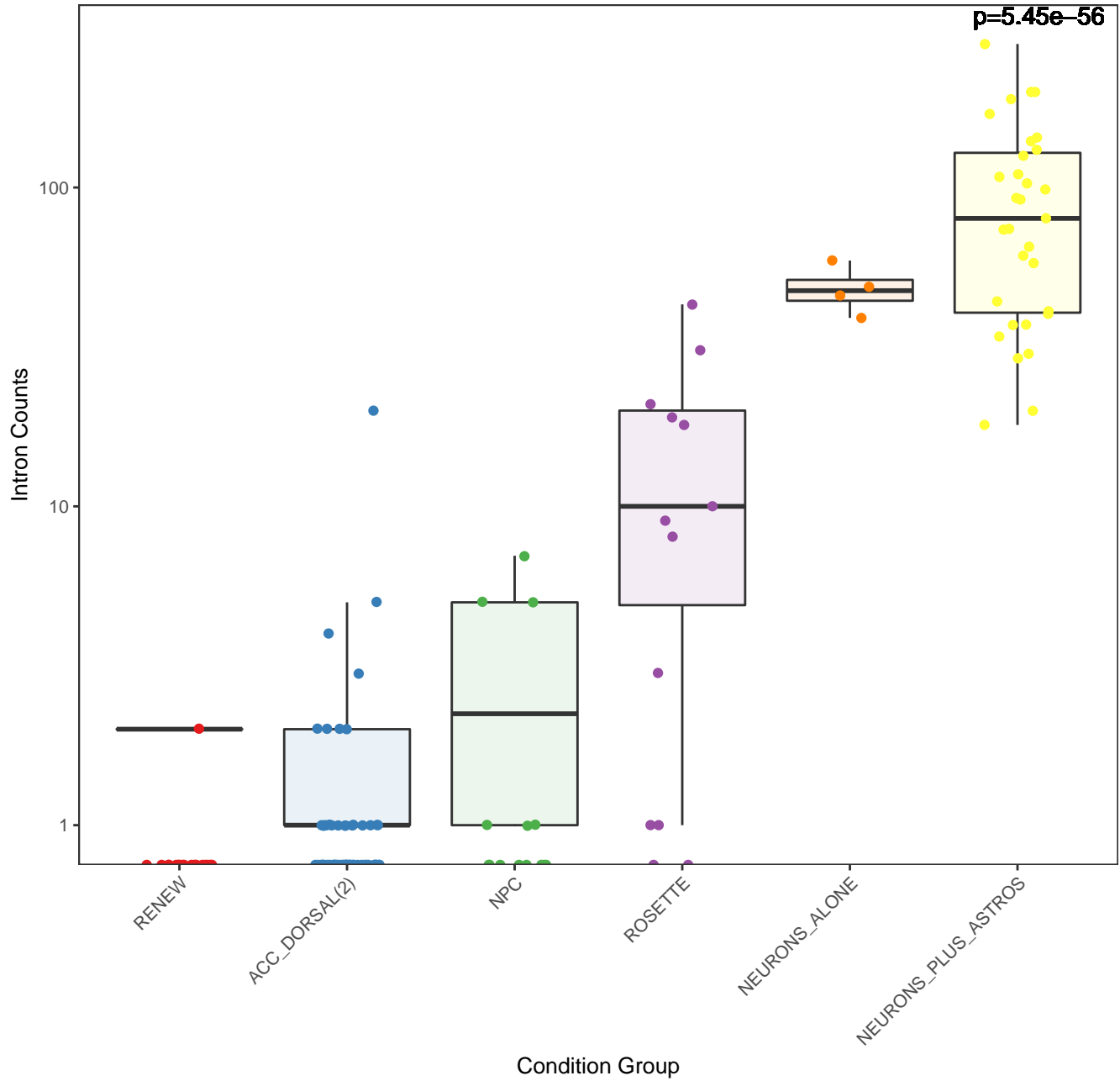
NEURONS\_PLUS\_ASTROS

Condition Group

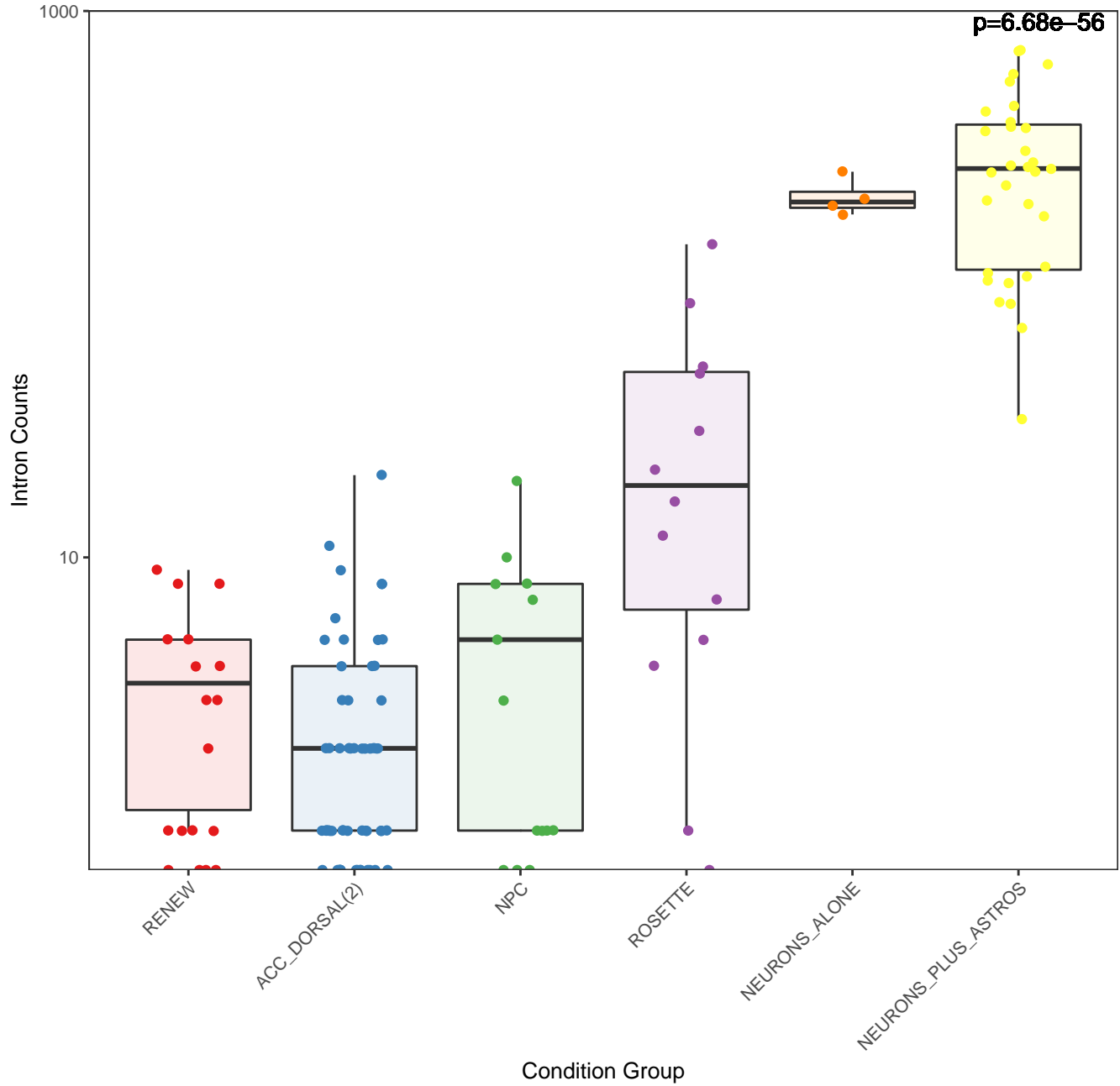




# Intron: SCN3A



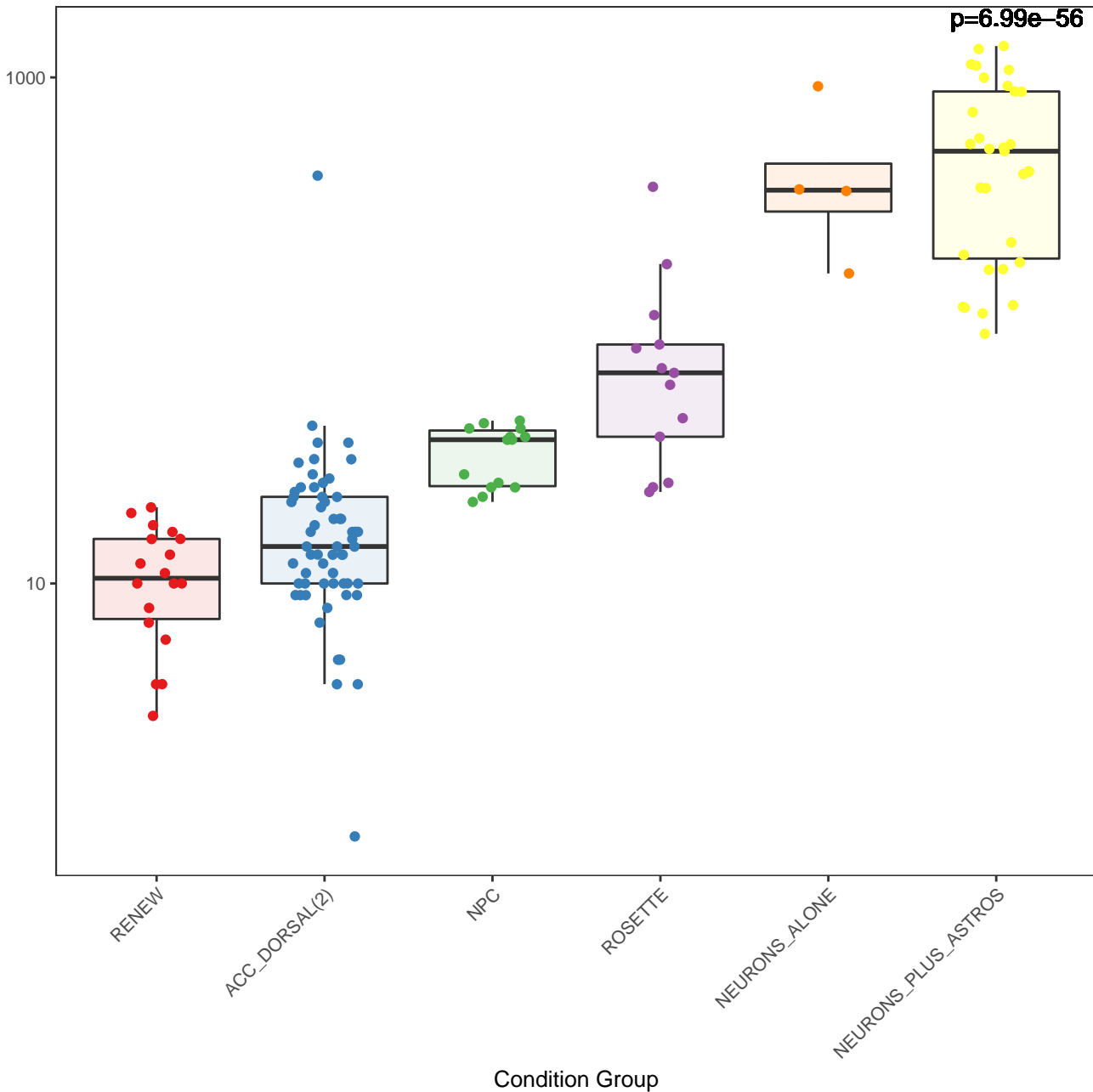
# Intron: CNR1



# Intron: PTPRD

Intron Counts

$p=6.99e-56$



# Intron: GAP43

Intron Counts

$p=7.8e-56$

RENEW

ACC\_DORSAL(2)

NPC

ROSETTE

NEURONS\_ALONE

NEURONS\_PLUS\_ASTROS

Condition Group

