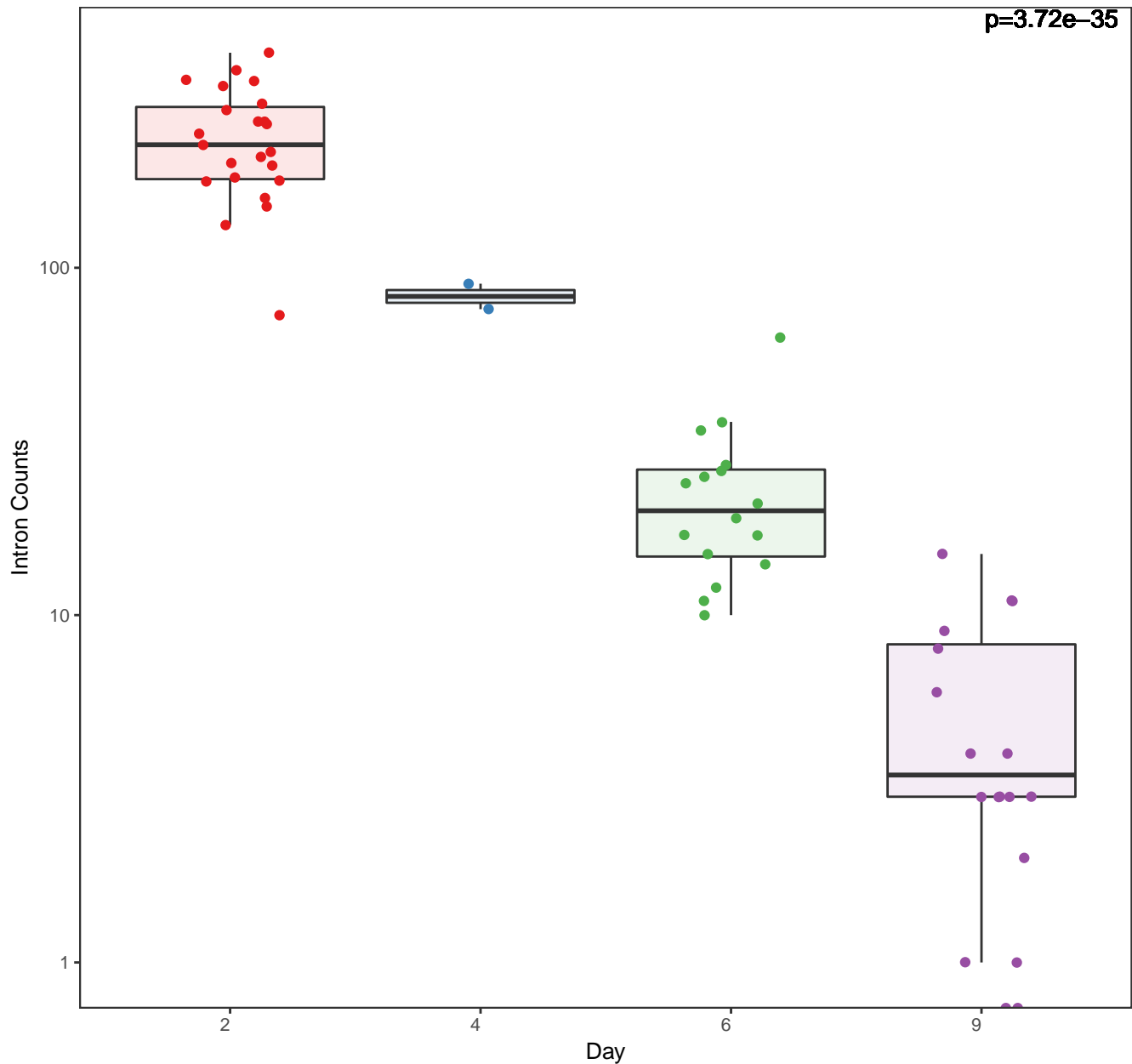
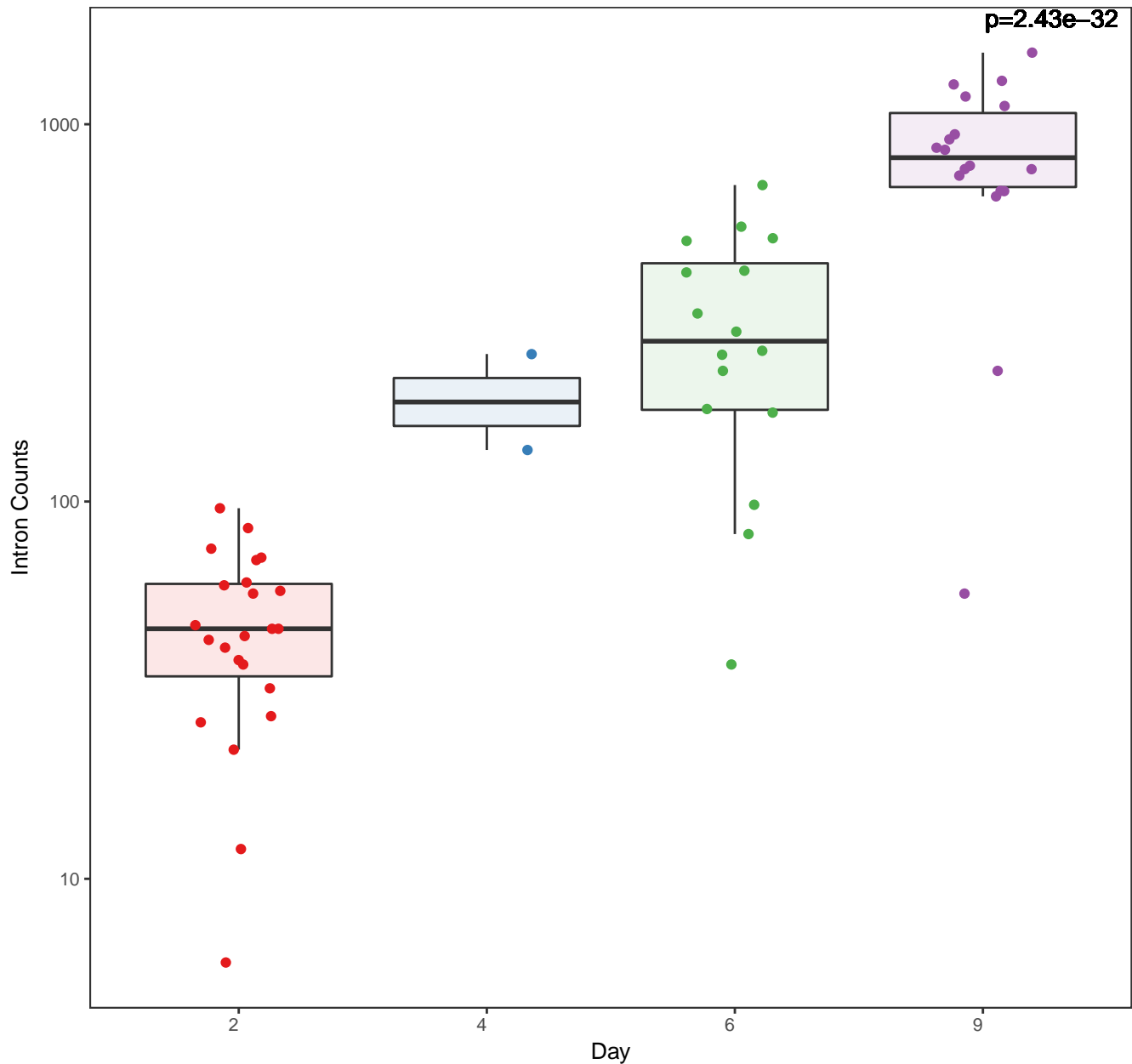


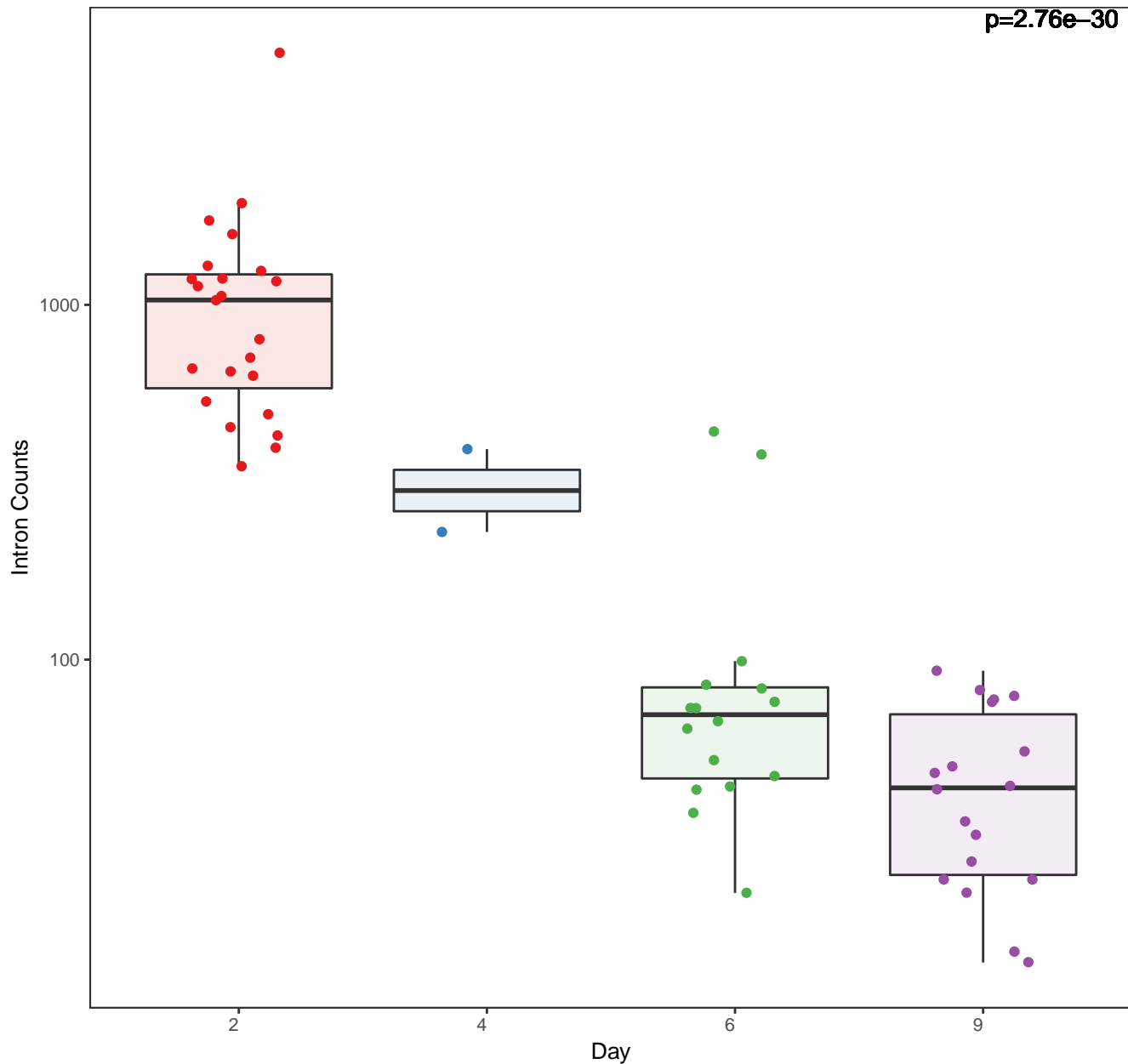
# Accelerated Dorsal Differentiation Intron: LAMC3



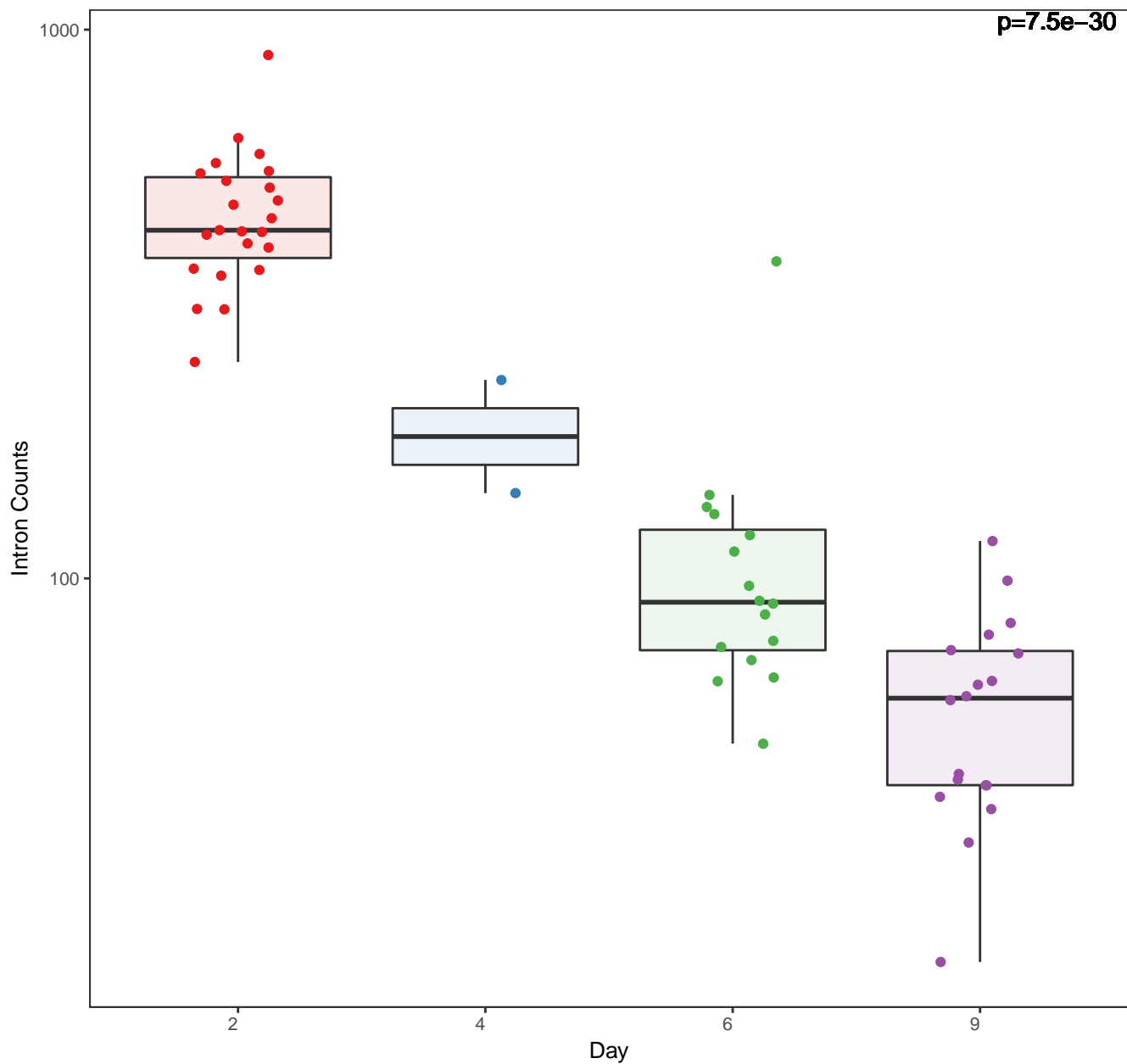
# Accelerated Dorsal Differentiation Intron: MAP6



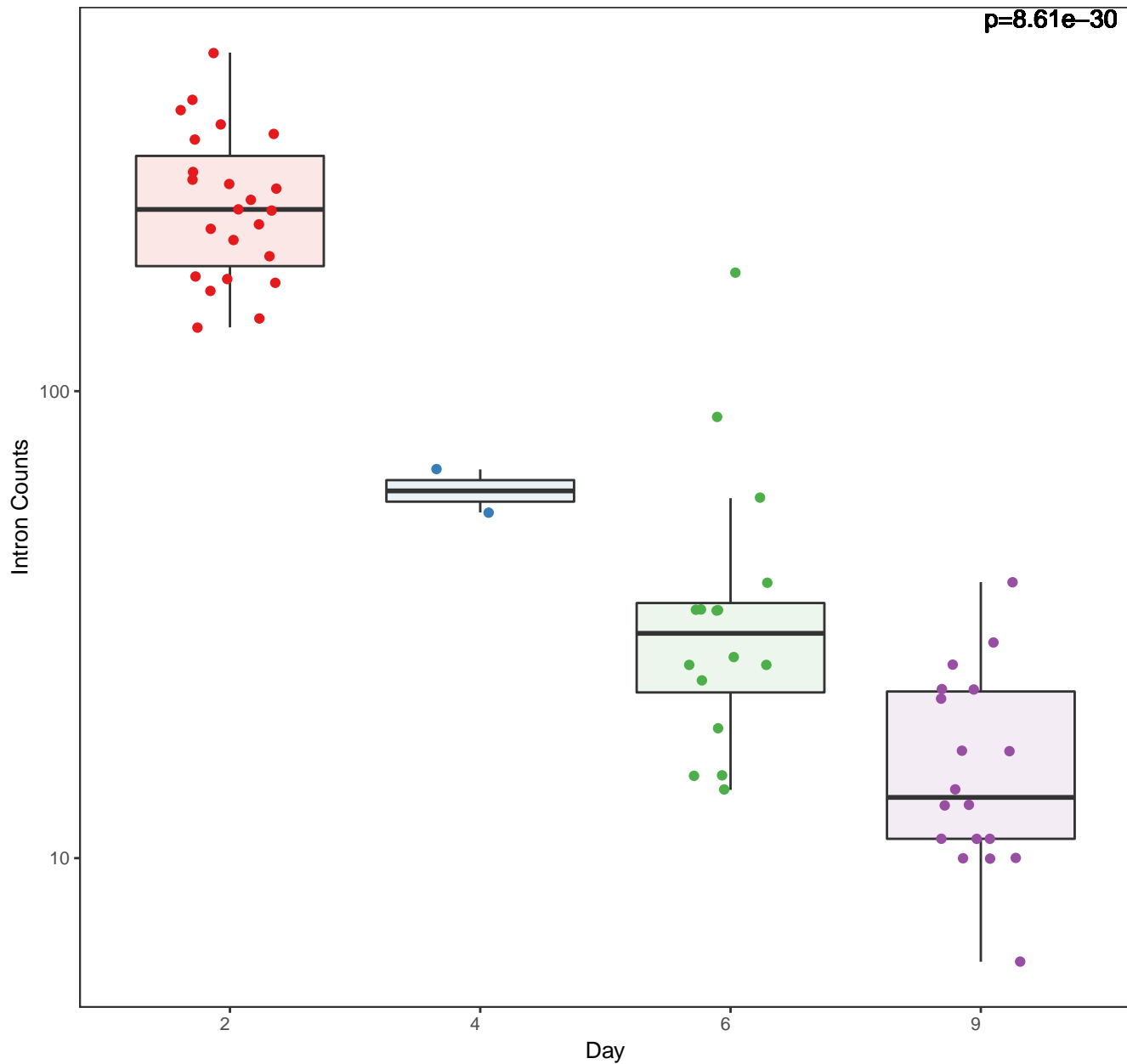
# Accelerated Dorsal Differentiation Intron: VASH2



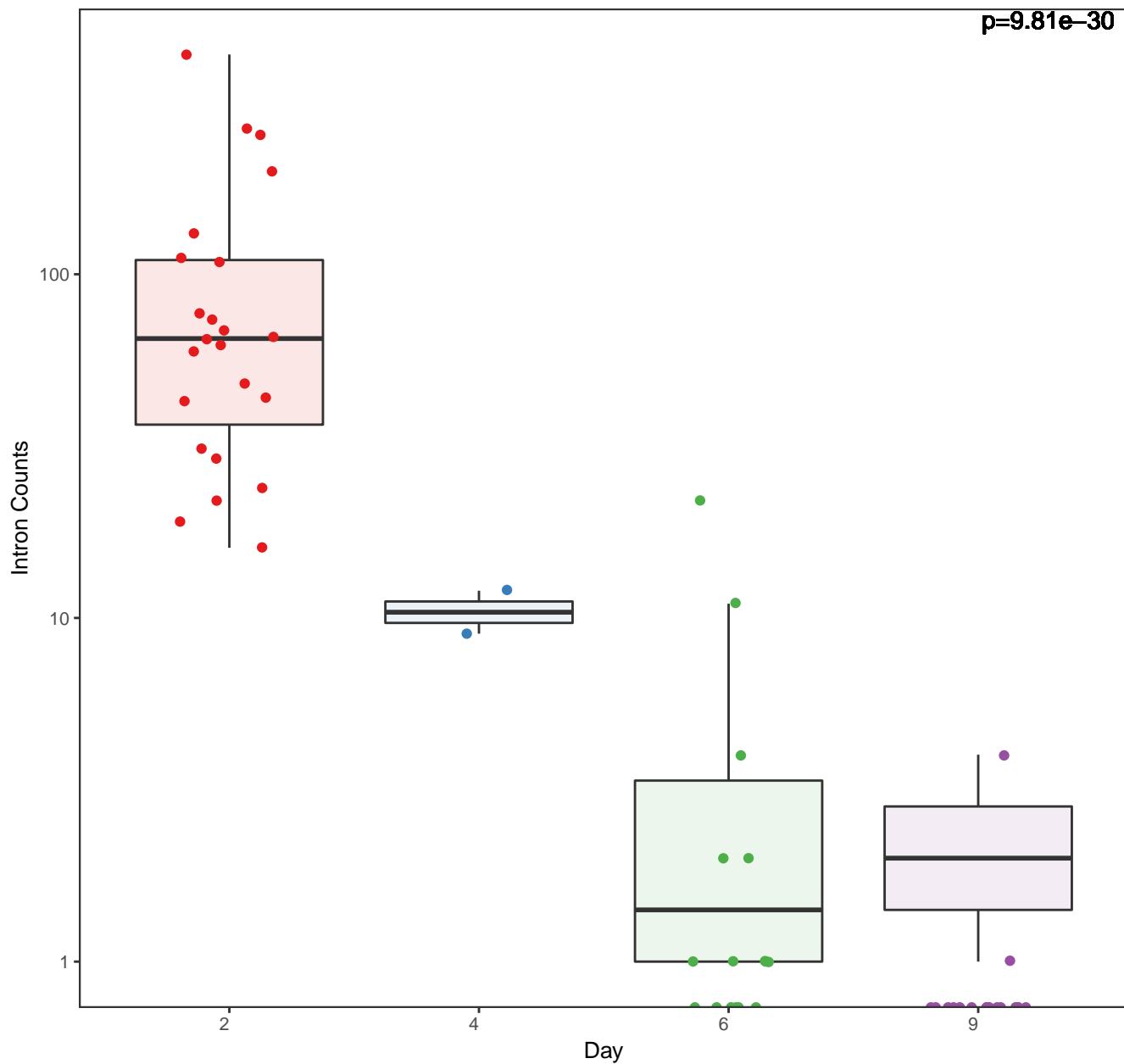
# Accelerated Dorsal Differentiation Intron: ICA1



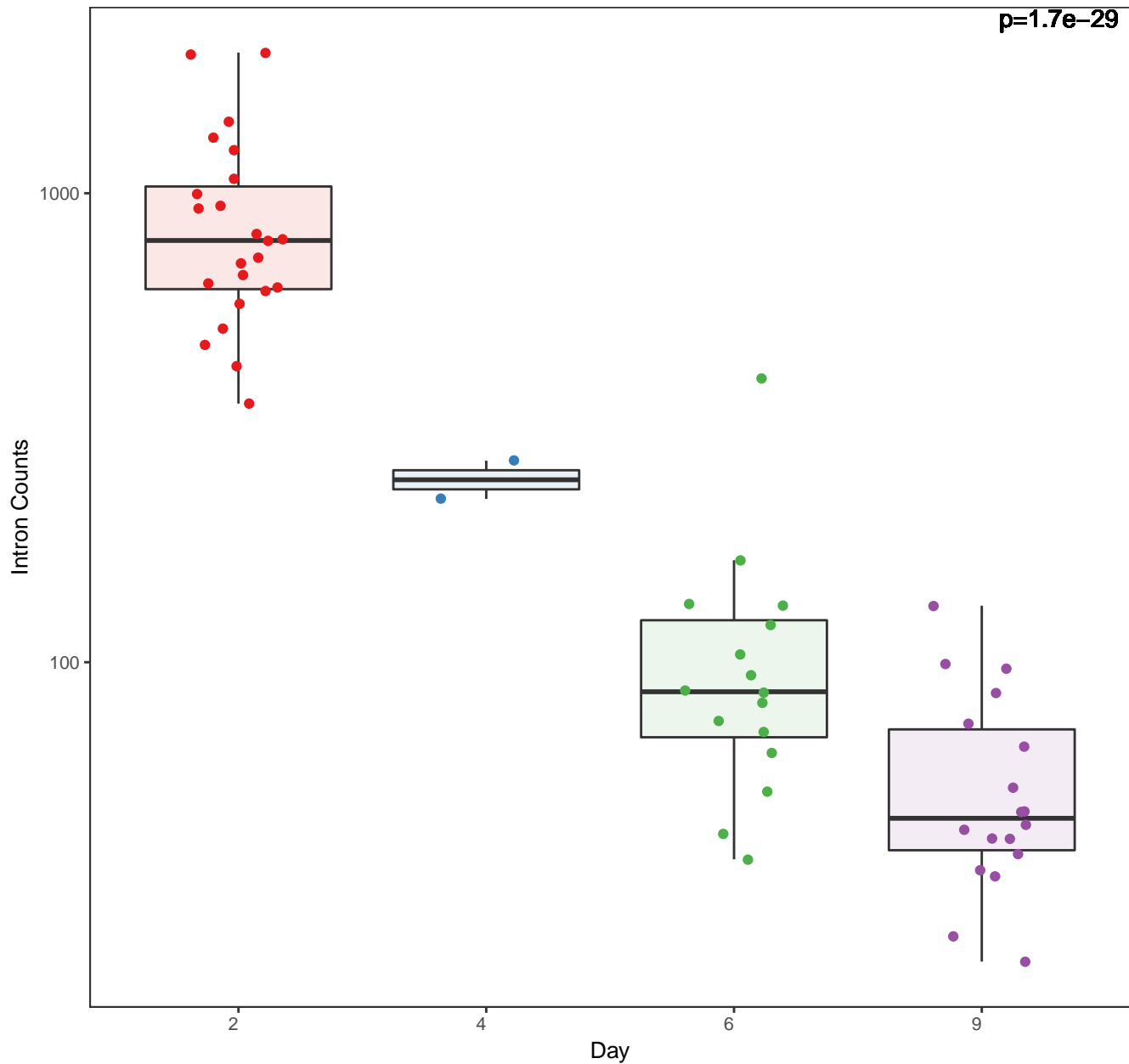
# Accelerated Dorsal Differentiation Intron: ANKRD18CP



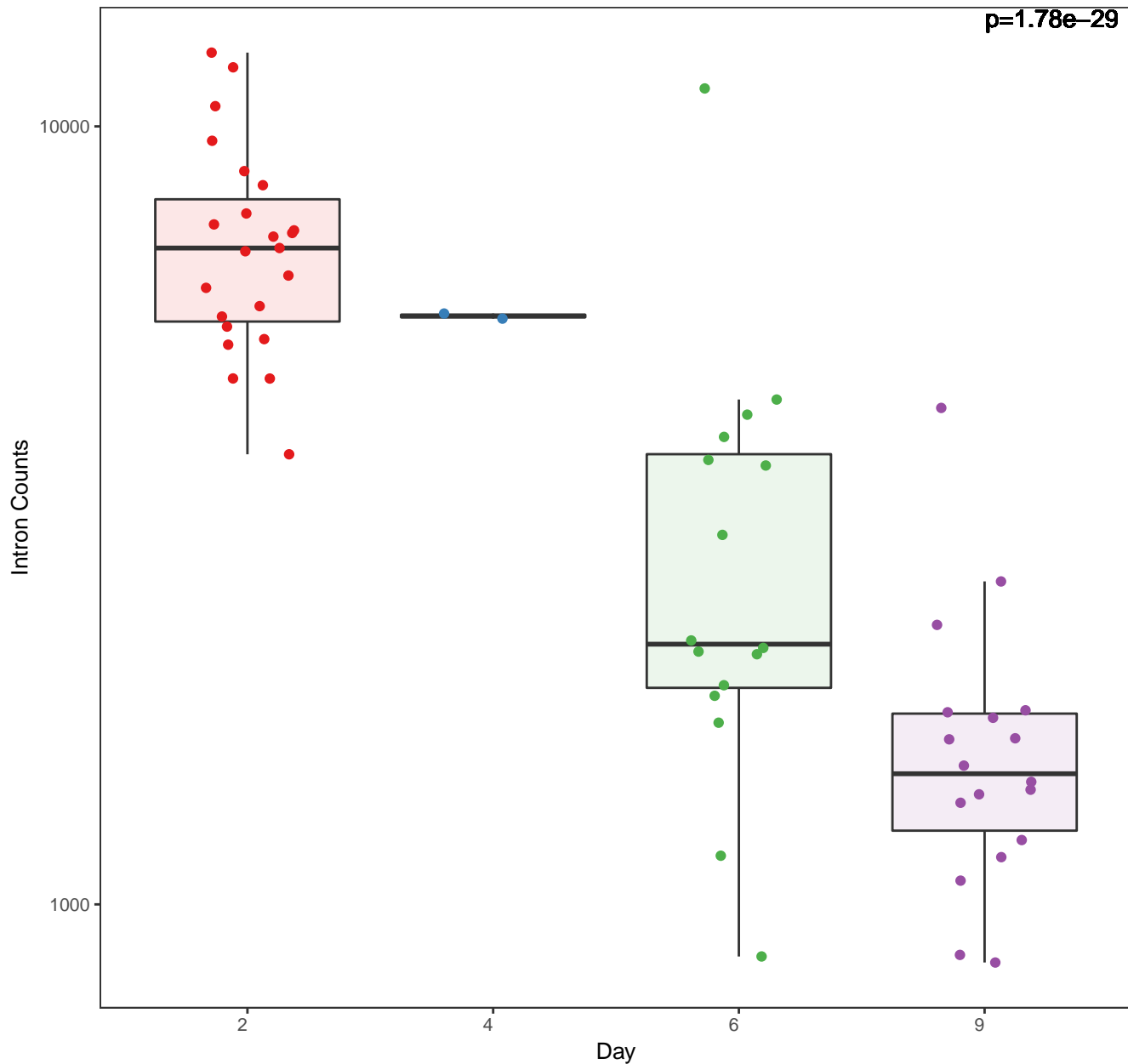
# Accelerated Dorsal Differentiation Intron: HHLA1



# Accelerated Dorsal Differentiation Intron: ERVMER34-1

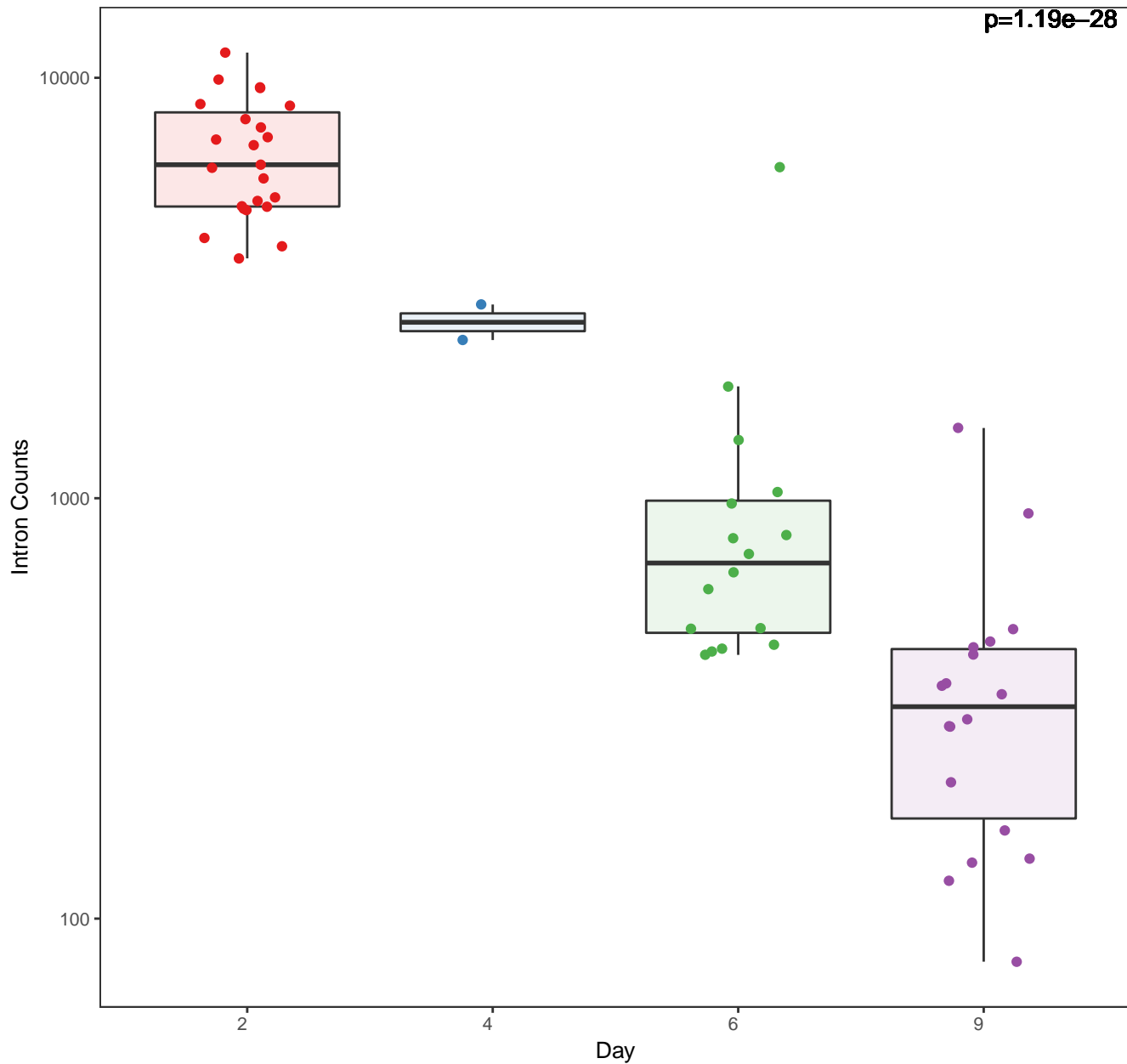


# Accelerated Dorsal Differentiation Intron: SNHG14



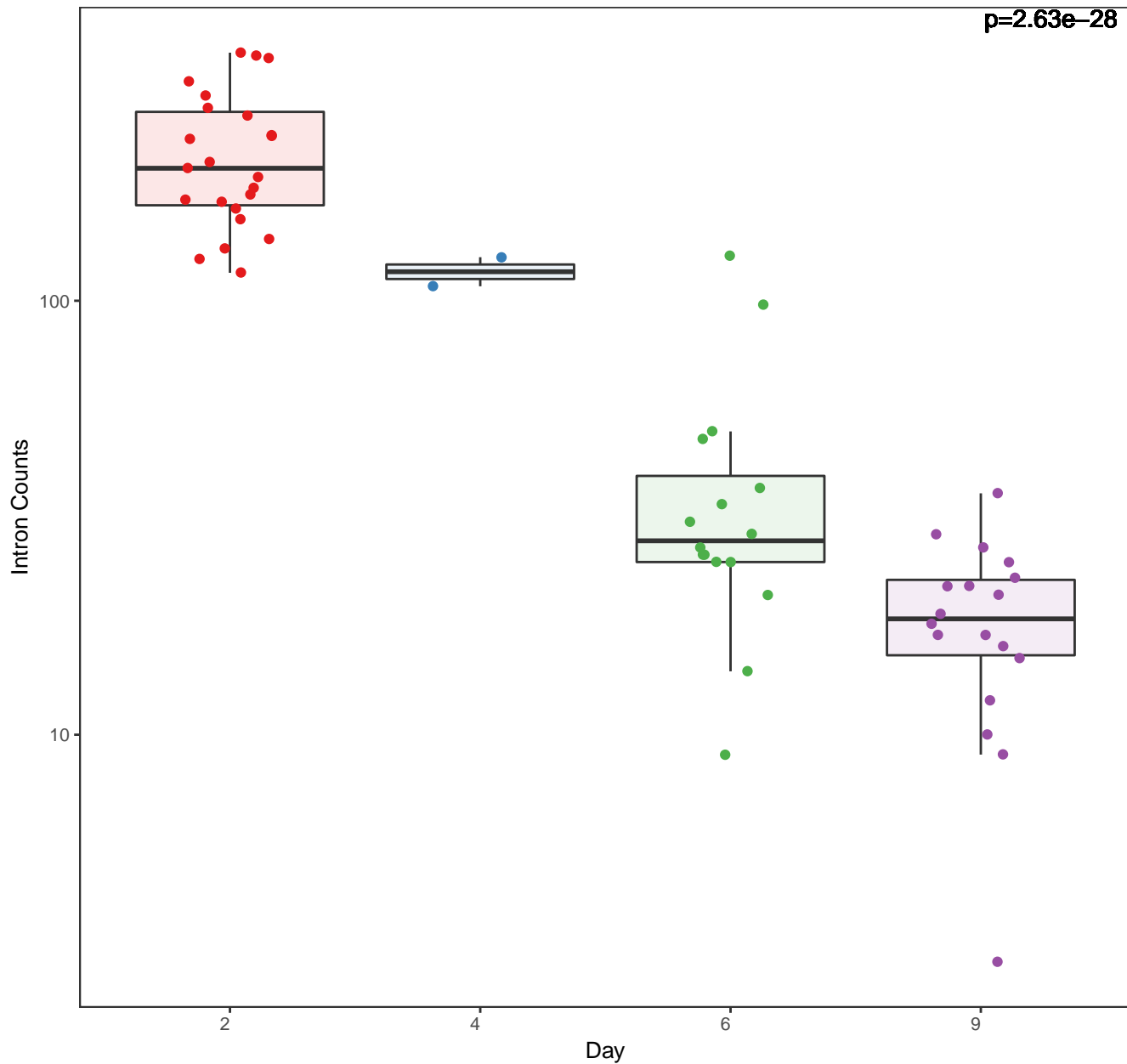


Accelerated Dorsal Differentiation Intron:  
ENSG00000259580

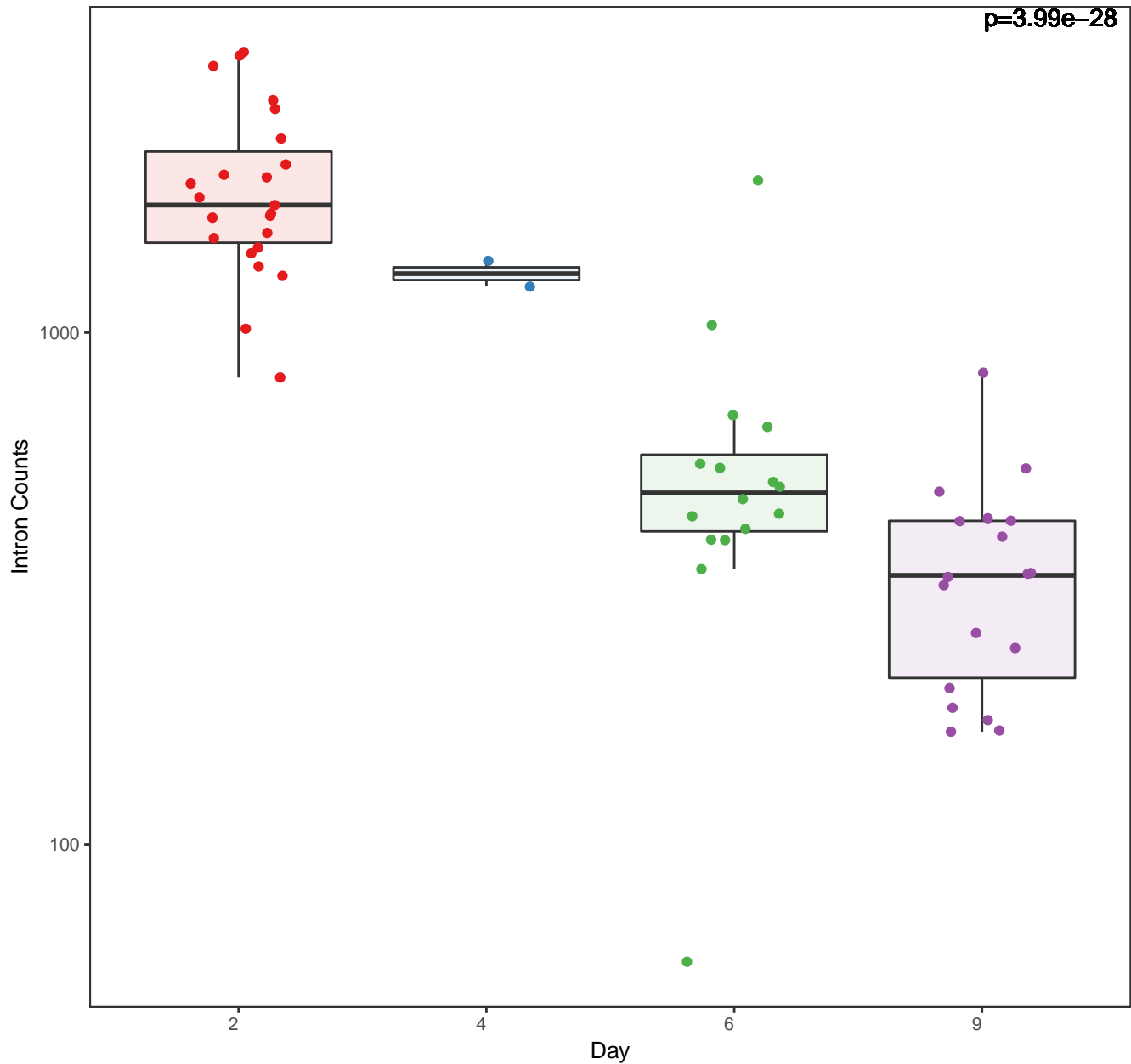


# Accelerated Dorsal Differentiation Intron: ANKRD18CP

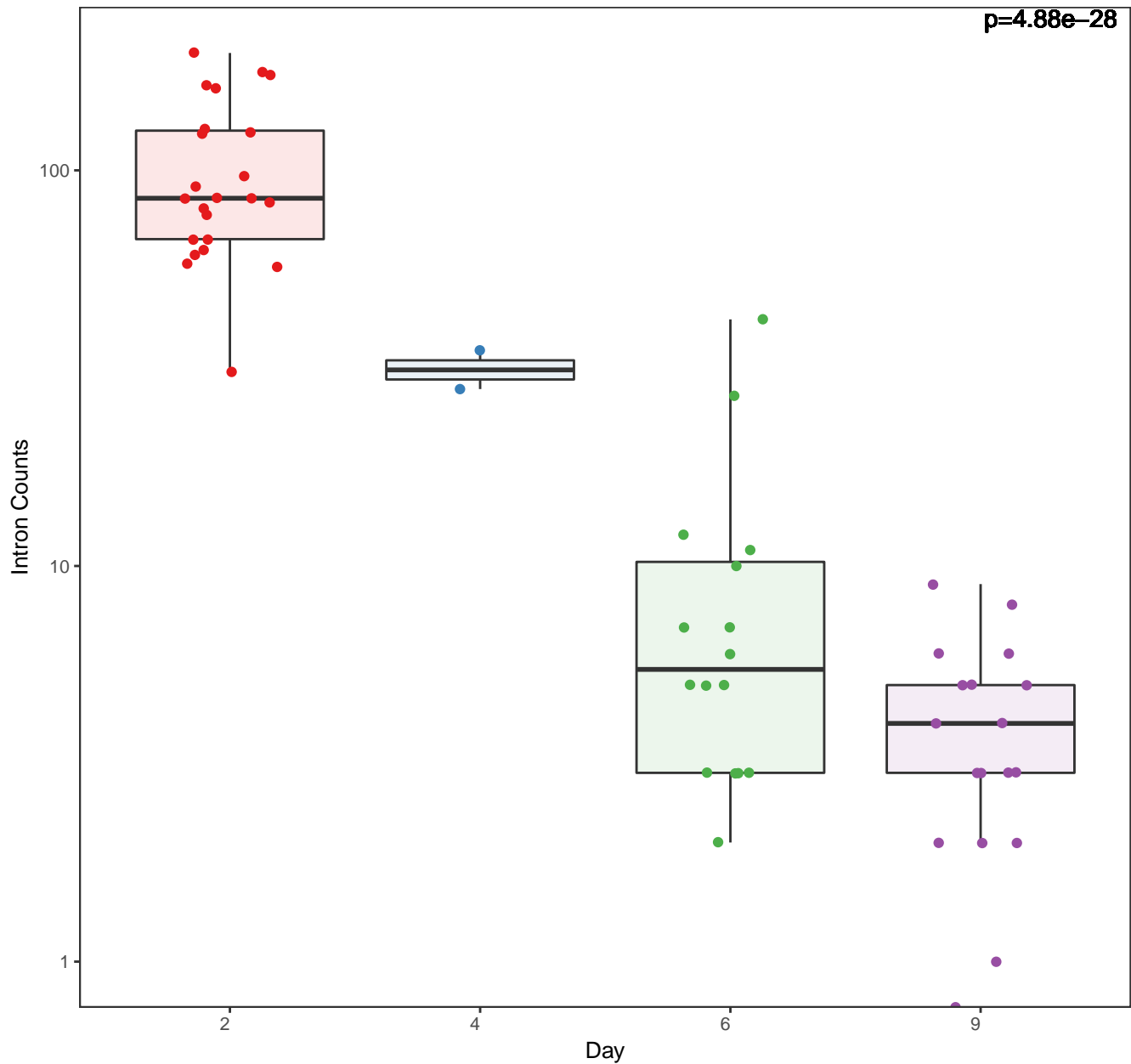
$p=2.63e-28$



# Accelerated Dorsal Differentiation Intron: DPPA4



# Accelerated Dorsal Differentiation Intron: ANKRD18CP



# Accelerated Dorsal Differentiation Intron: RABGAP1L

$p=5.29 \times 10^{-28}$

Intron Counts

1000

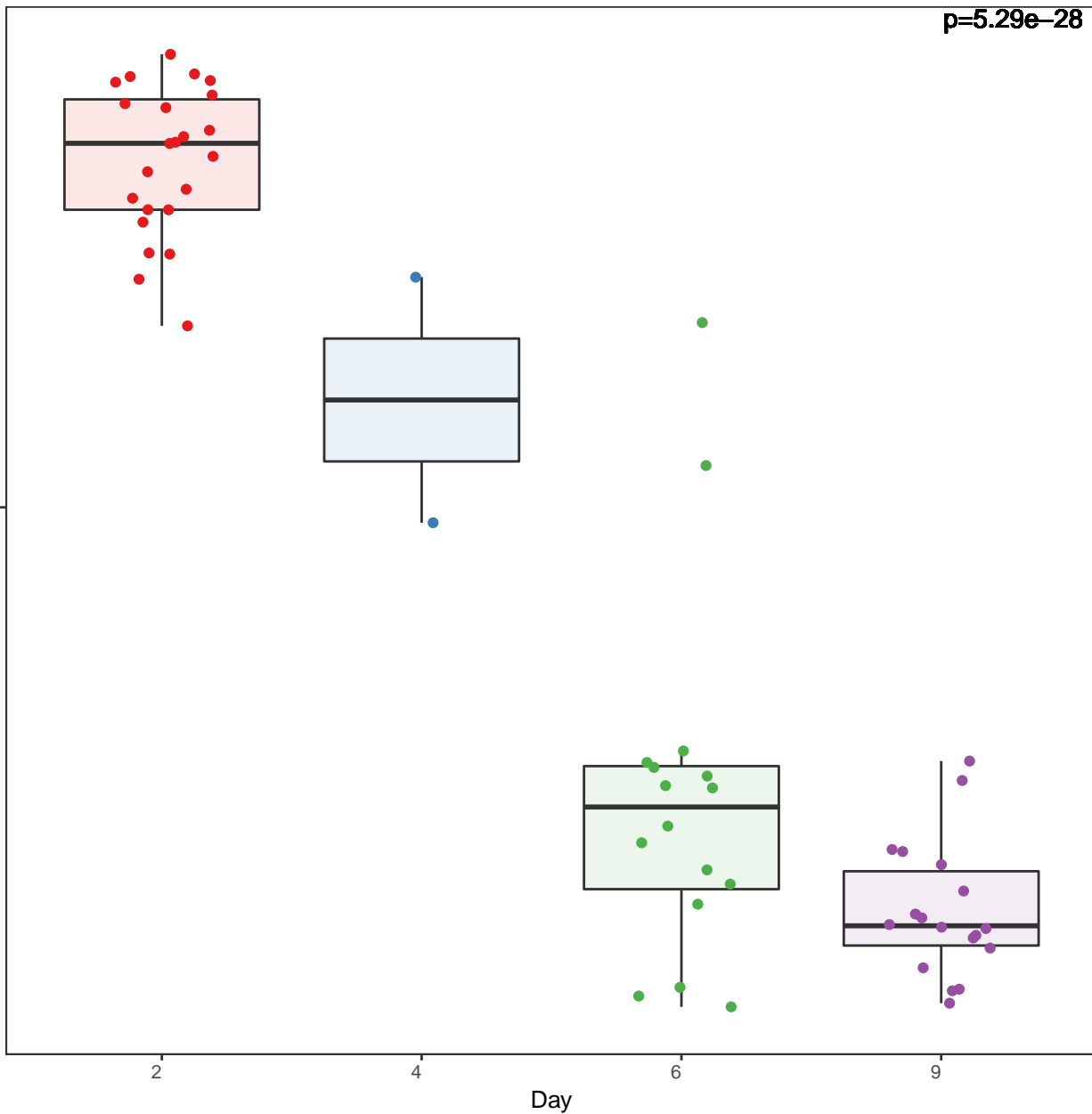
2

4

6

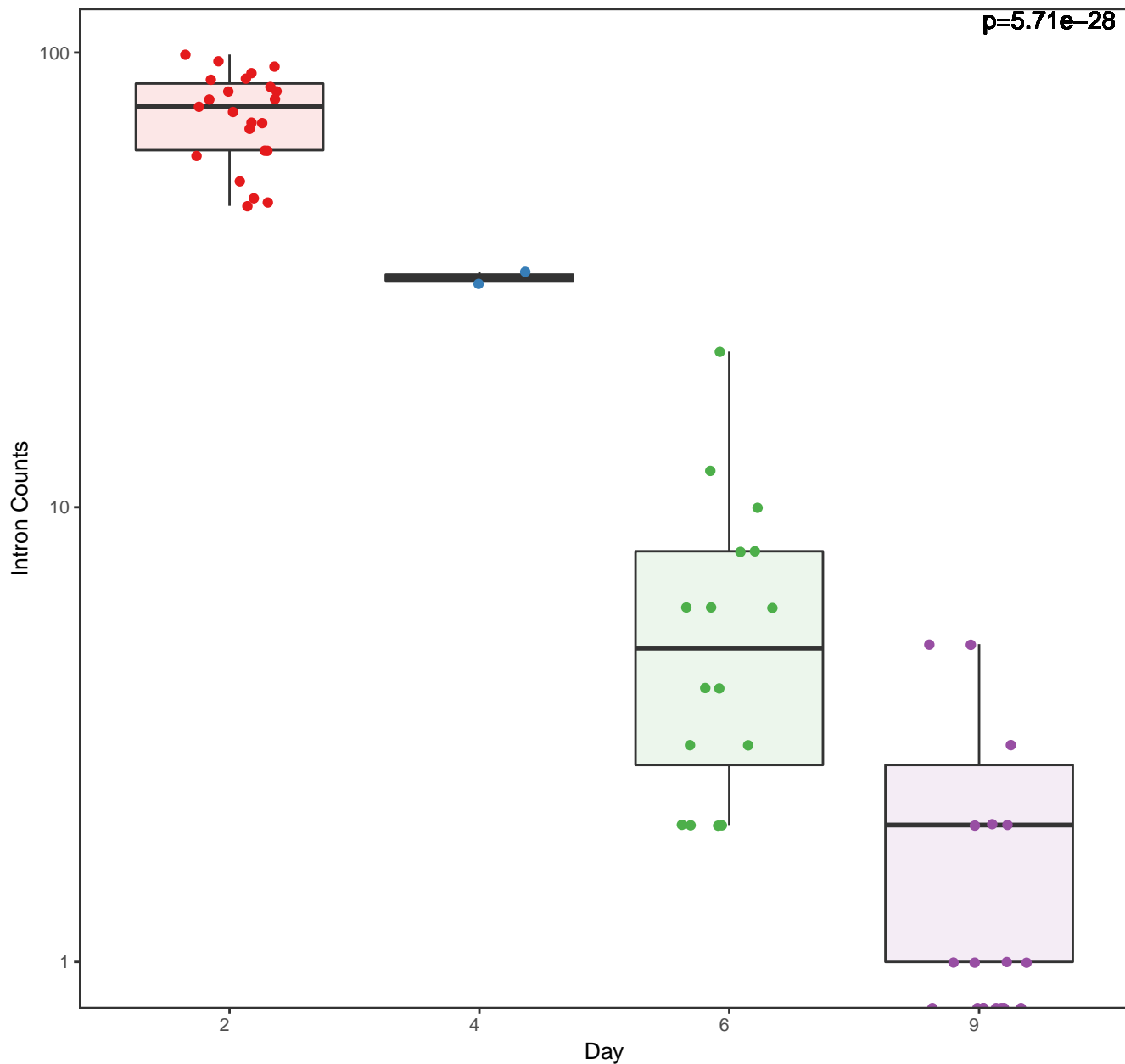
9

Day

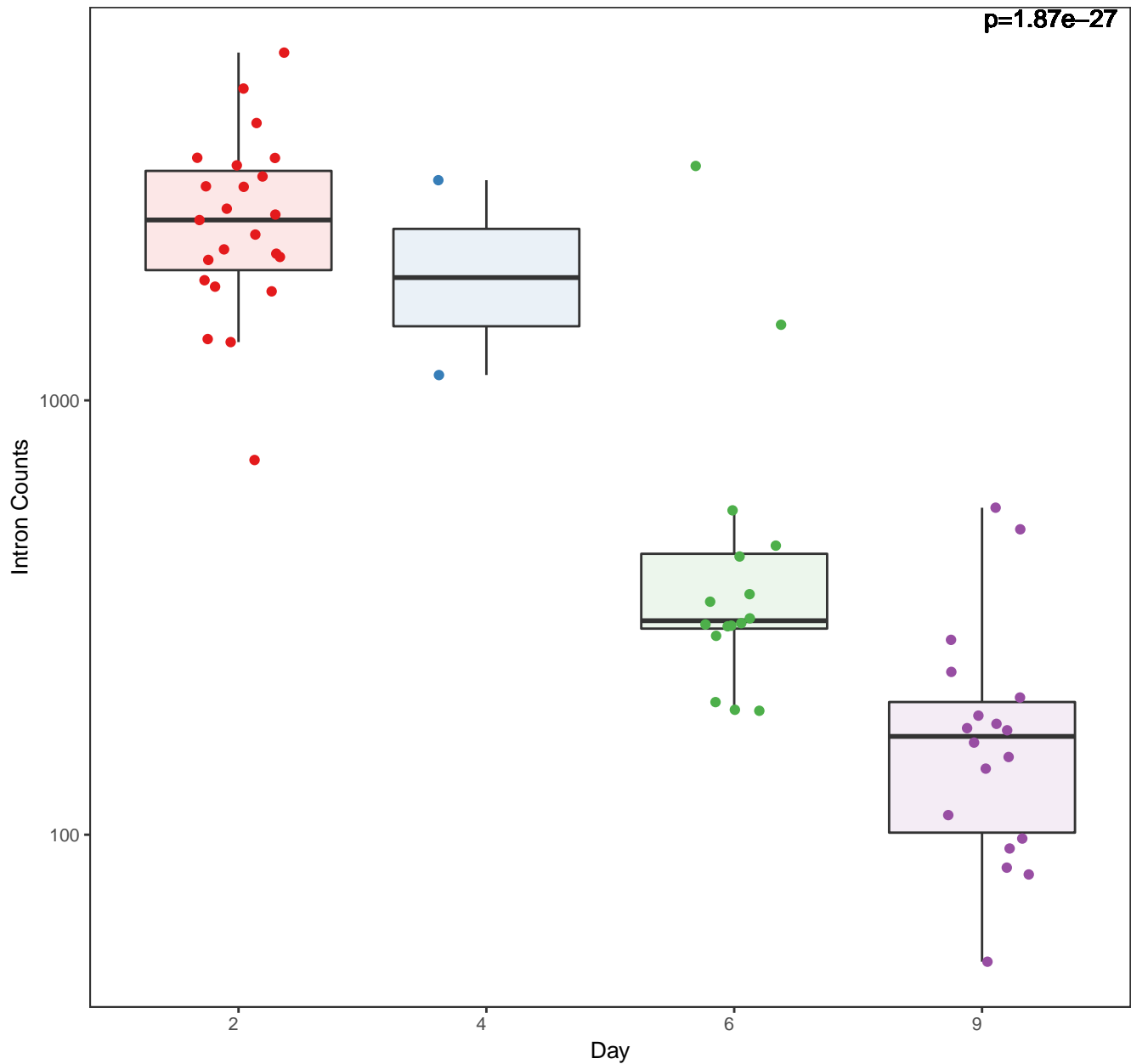


# Accelerated Dorsal Differentiation Intron: PLPP2

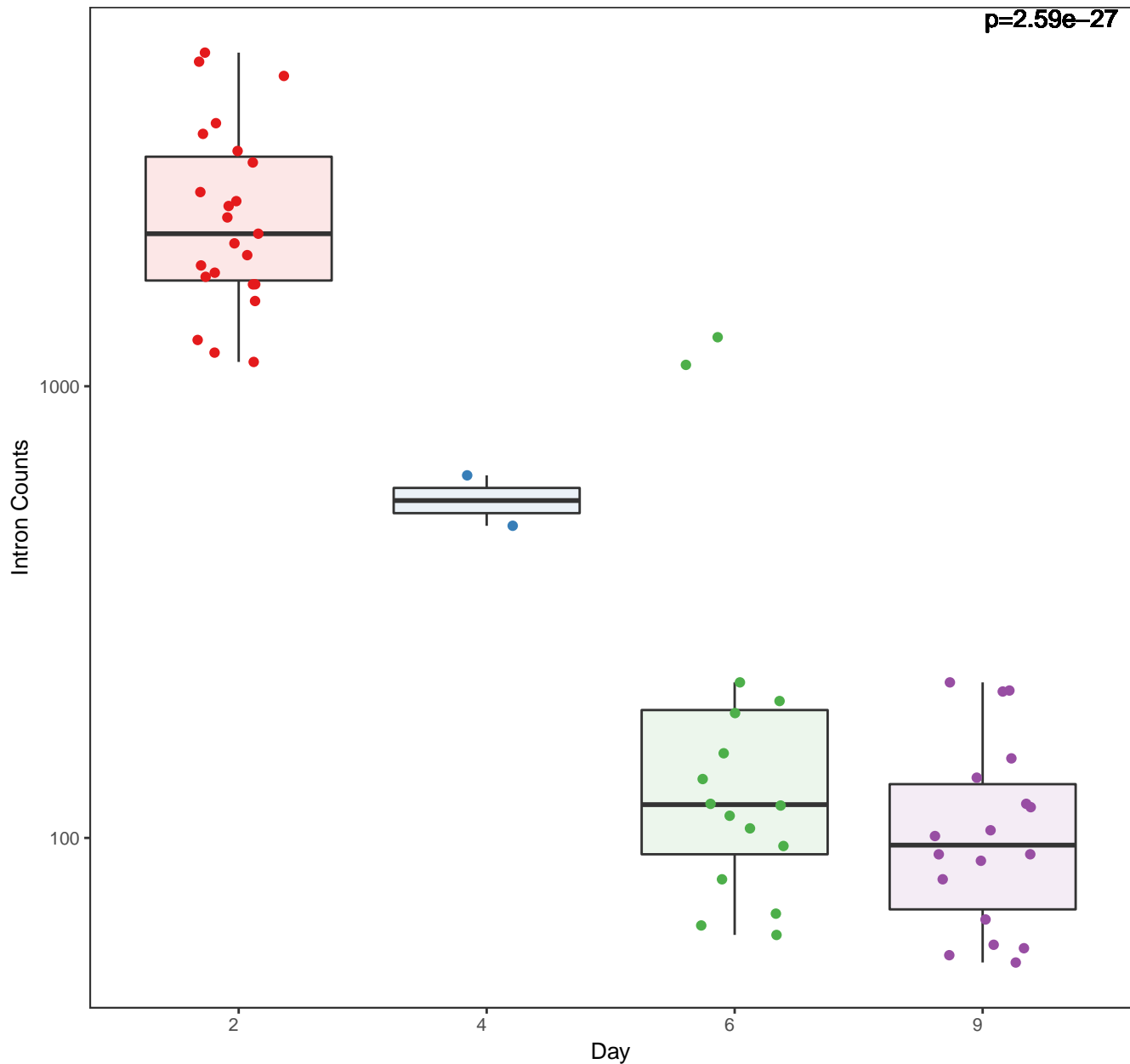
$p=5.71e-28$



# Accelerated Dorsal Differentiation Intron: DNMT3B



# Accelerated Dorsal Differentiation Intron: VASH2



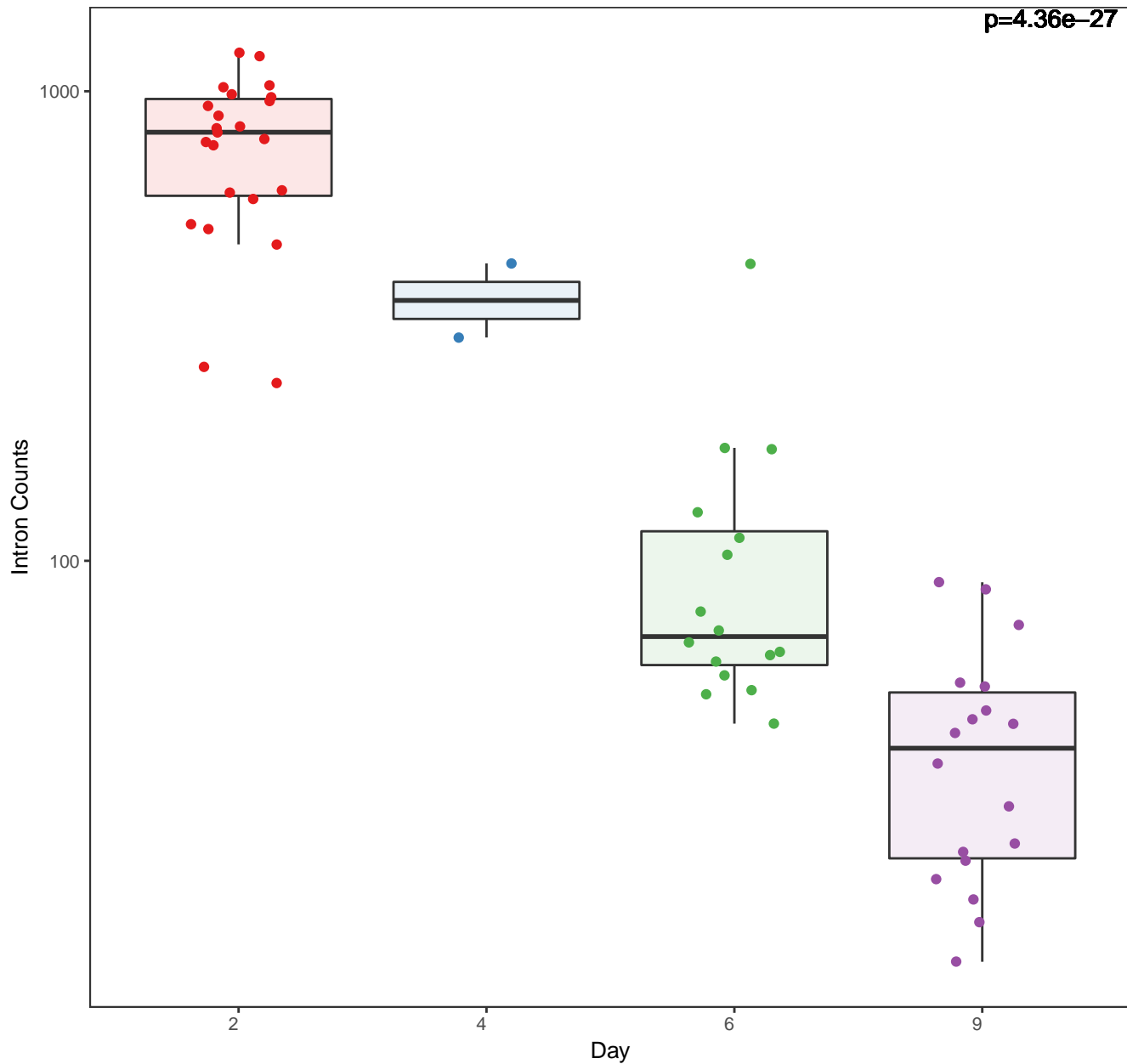


## BRINP1

**p=3.7e-27**

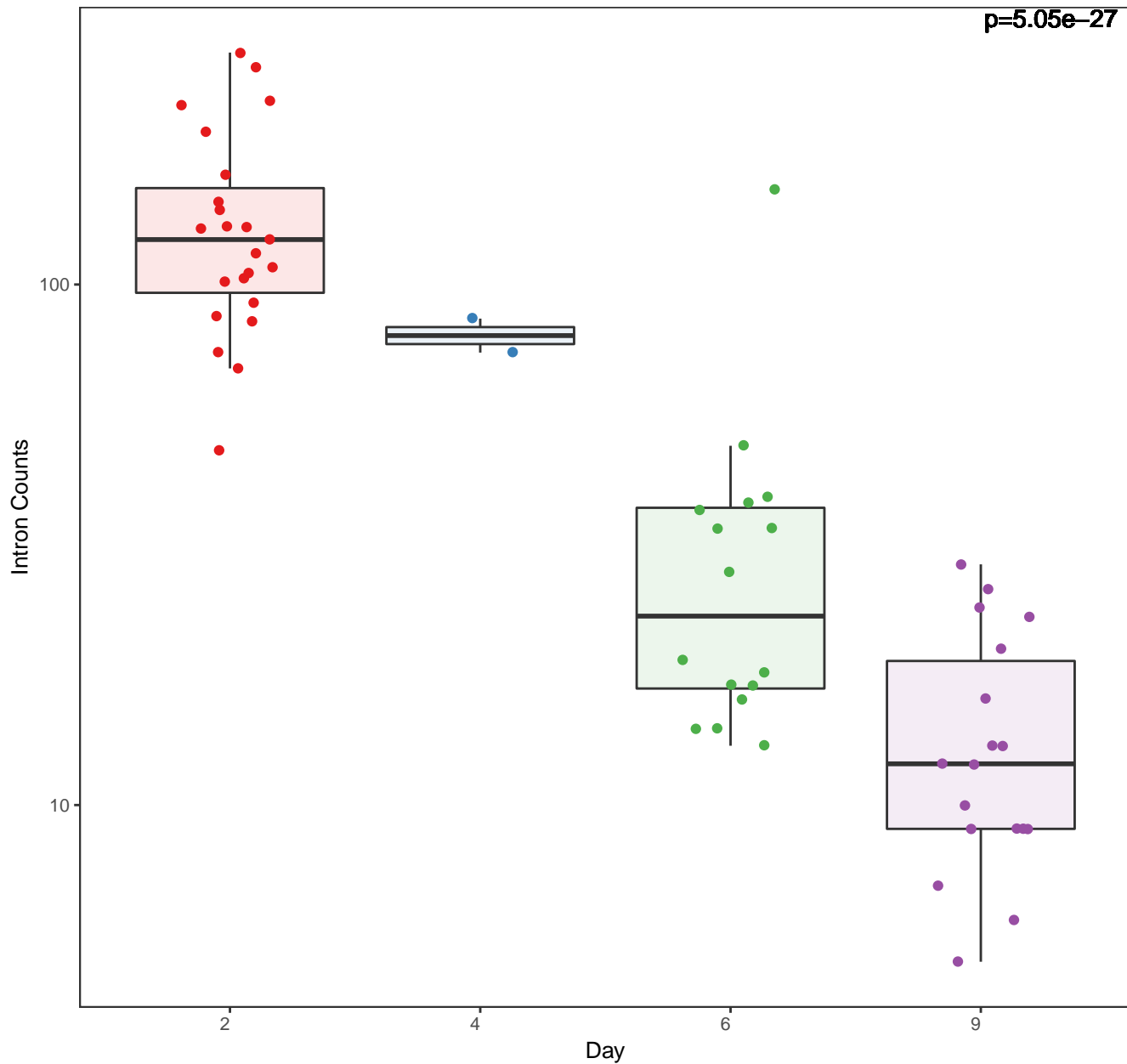


# Accelerated Dorsal Differentiation Intron: B3GALT5-AS1



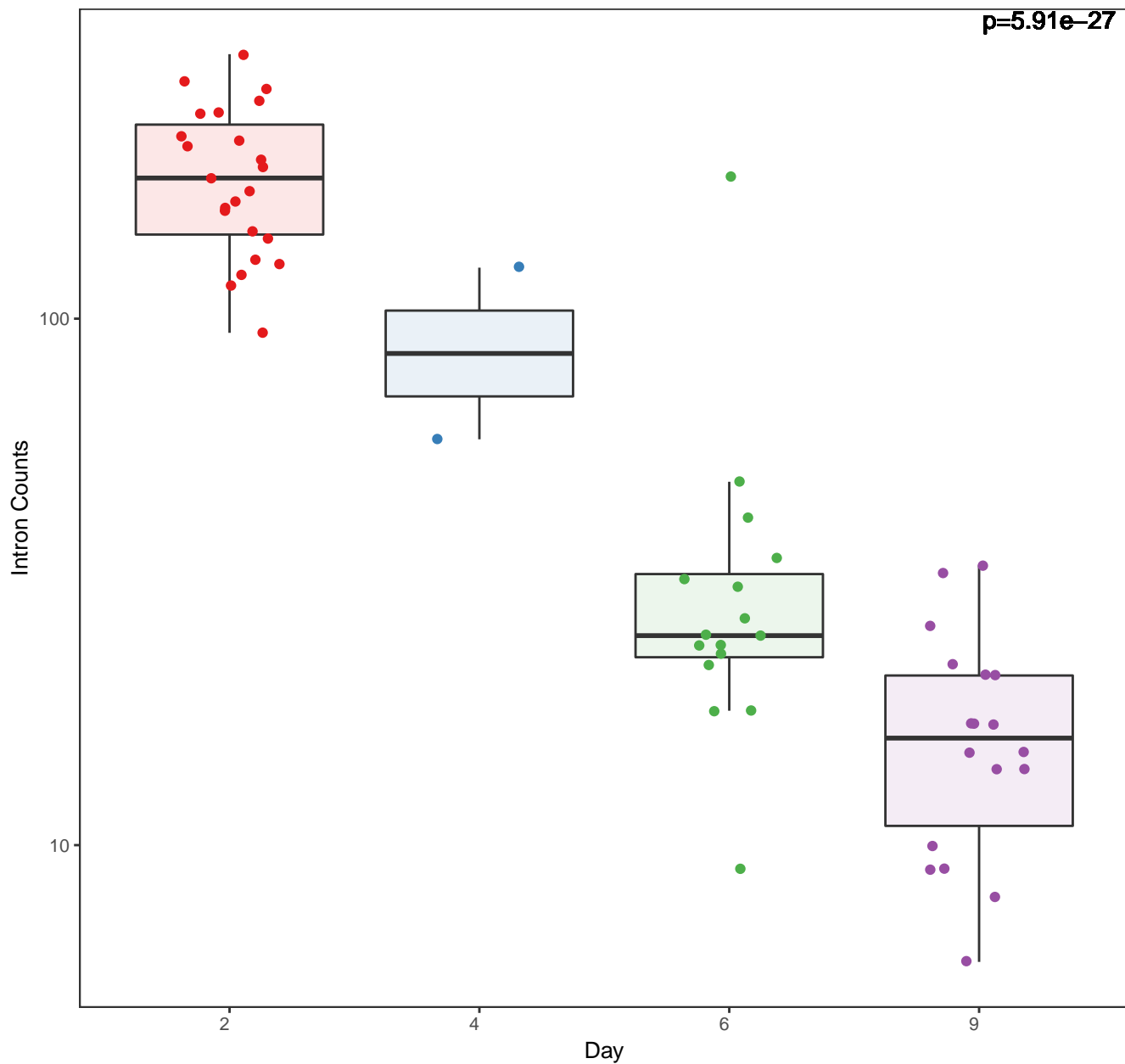
# Accelerated Dorsal Differentiation Intron: DNMT3B

$p=5.05e-27$



# Accelerated Dorsal Differentiation Intron: UGP2

$p=5.91e-27$



# Accelerated Dorsal Differentiation Intron: FNBP1L

$p=7.68e-27$

Intron Counts

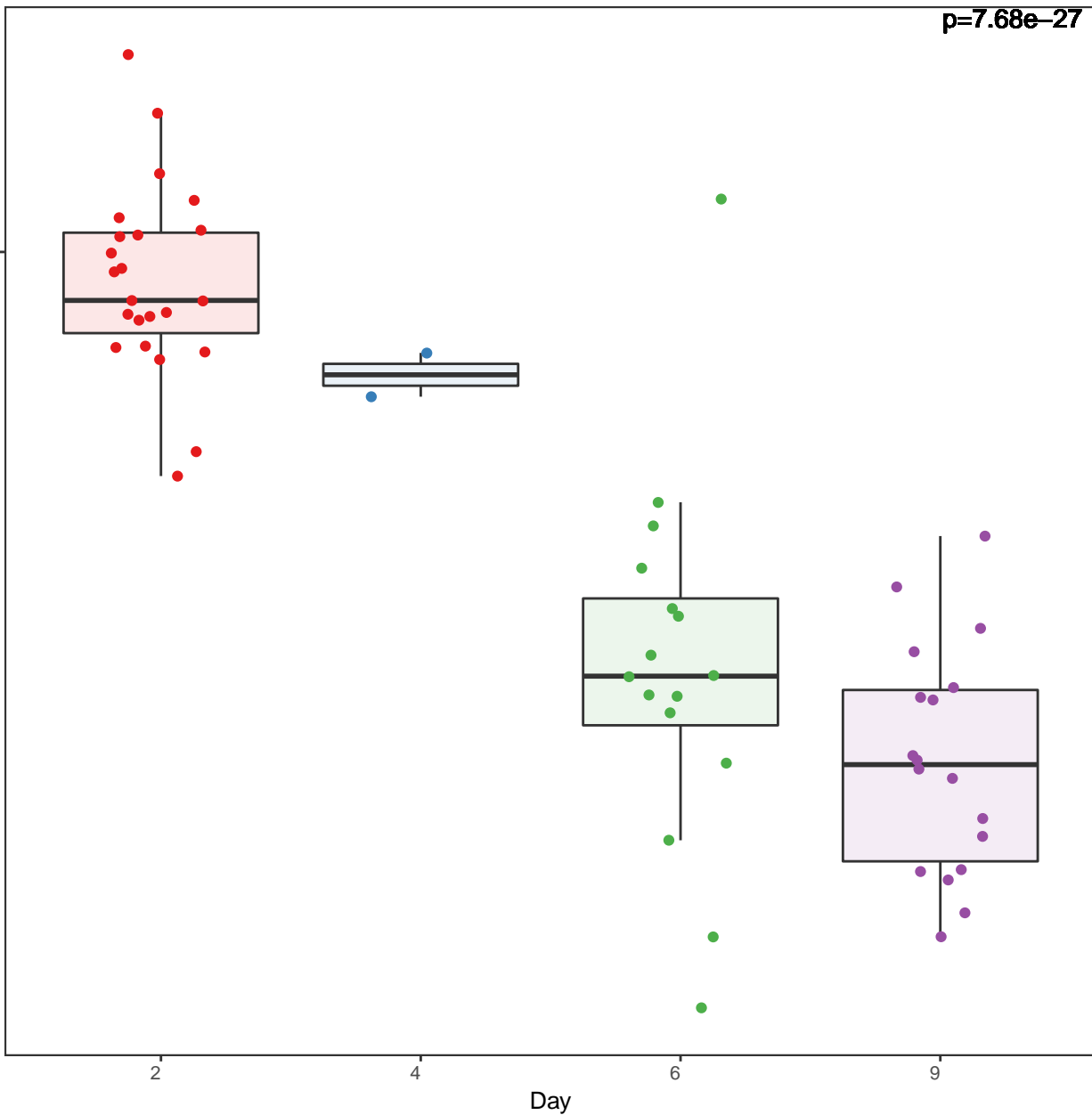
2

4

6

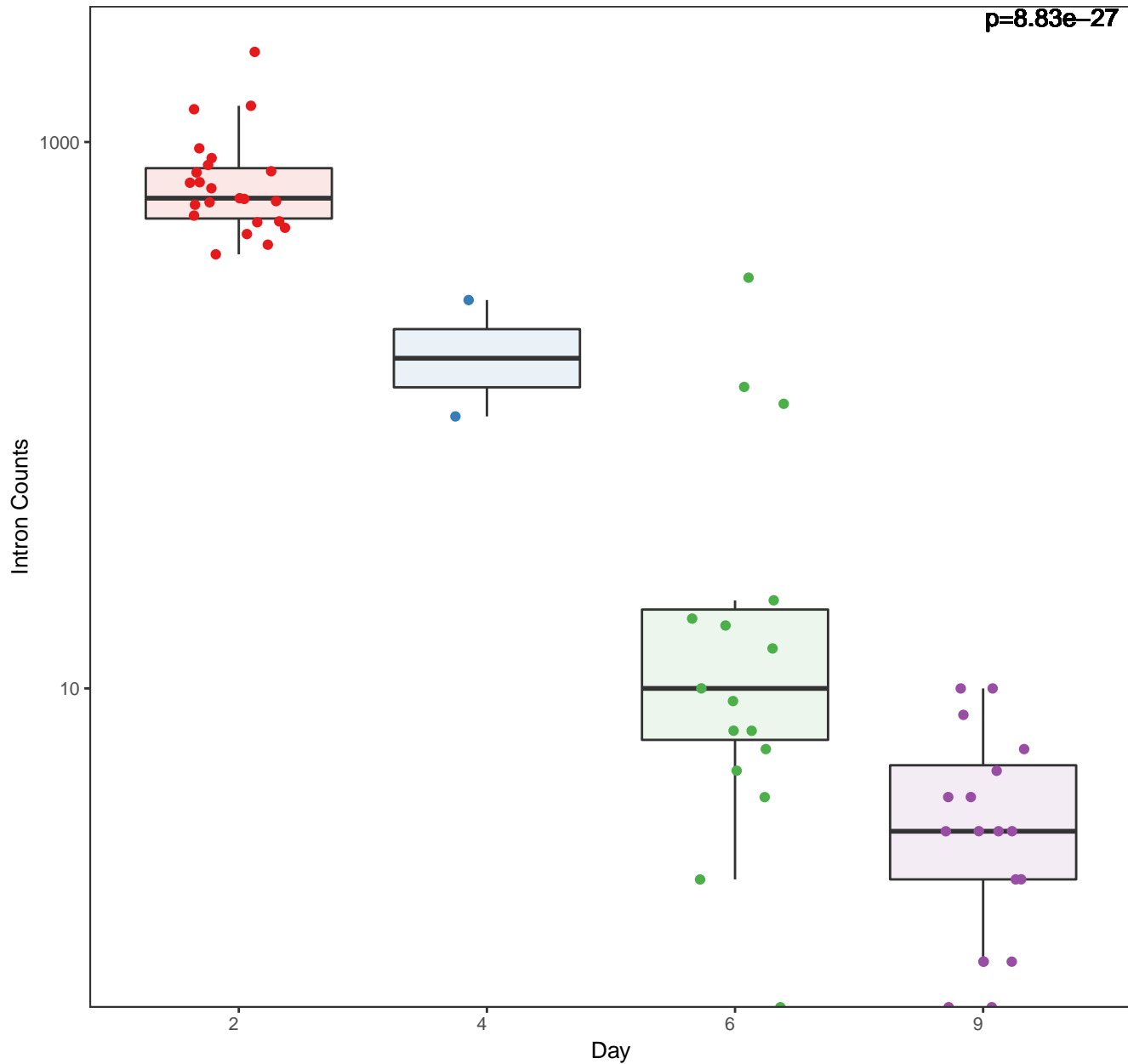
9

Day



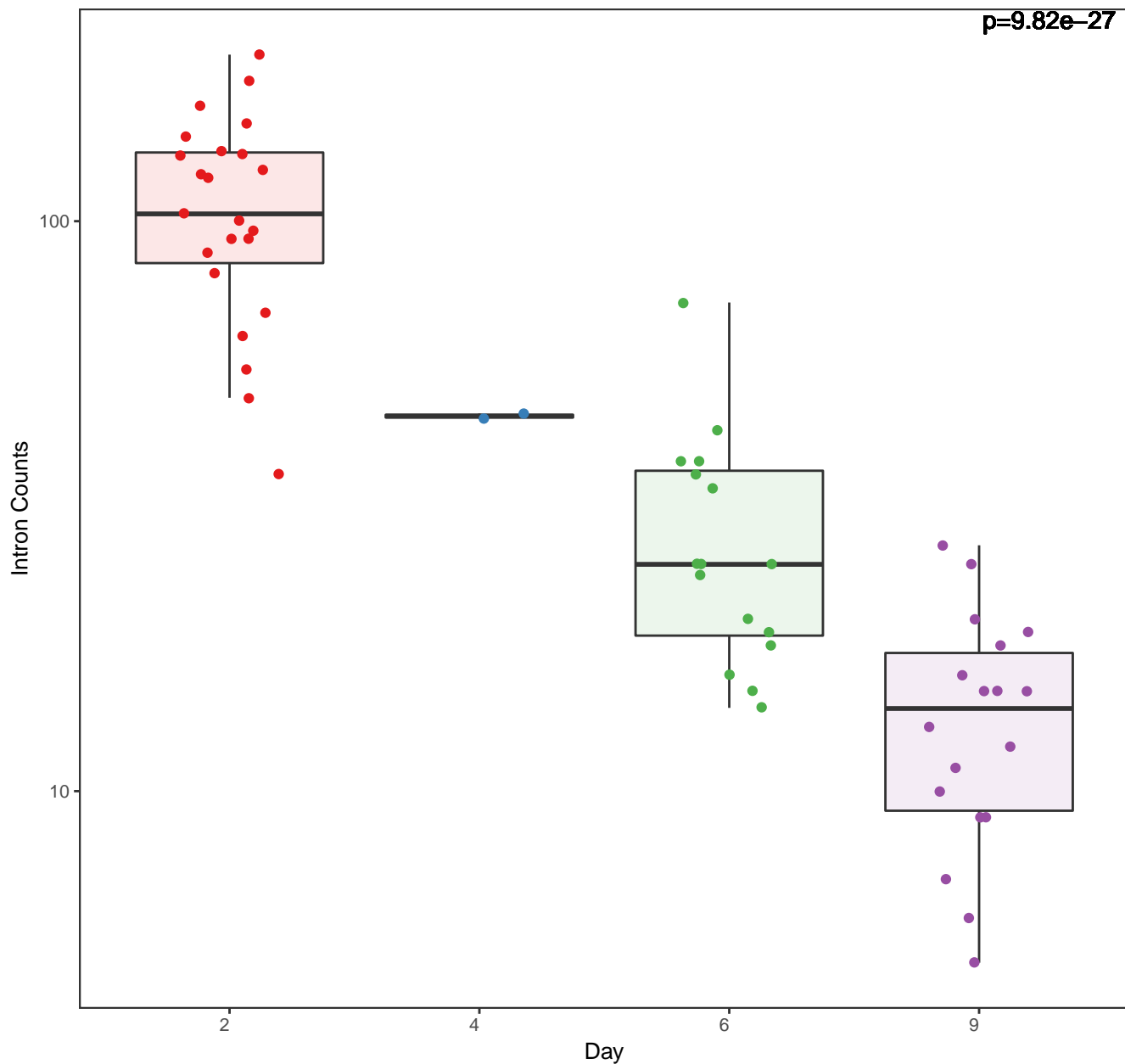
Accelerated Dorsal Differentiation Intron:  
ENSG00000231698

$p=8.83e-27$

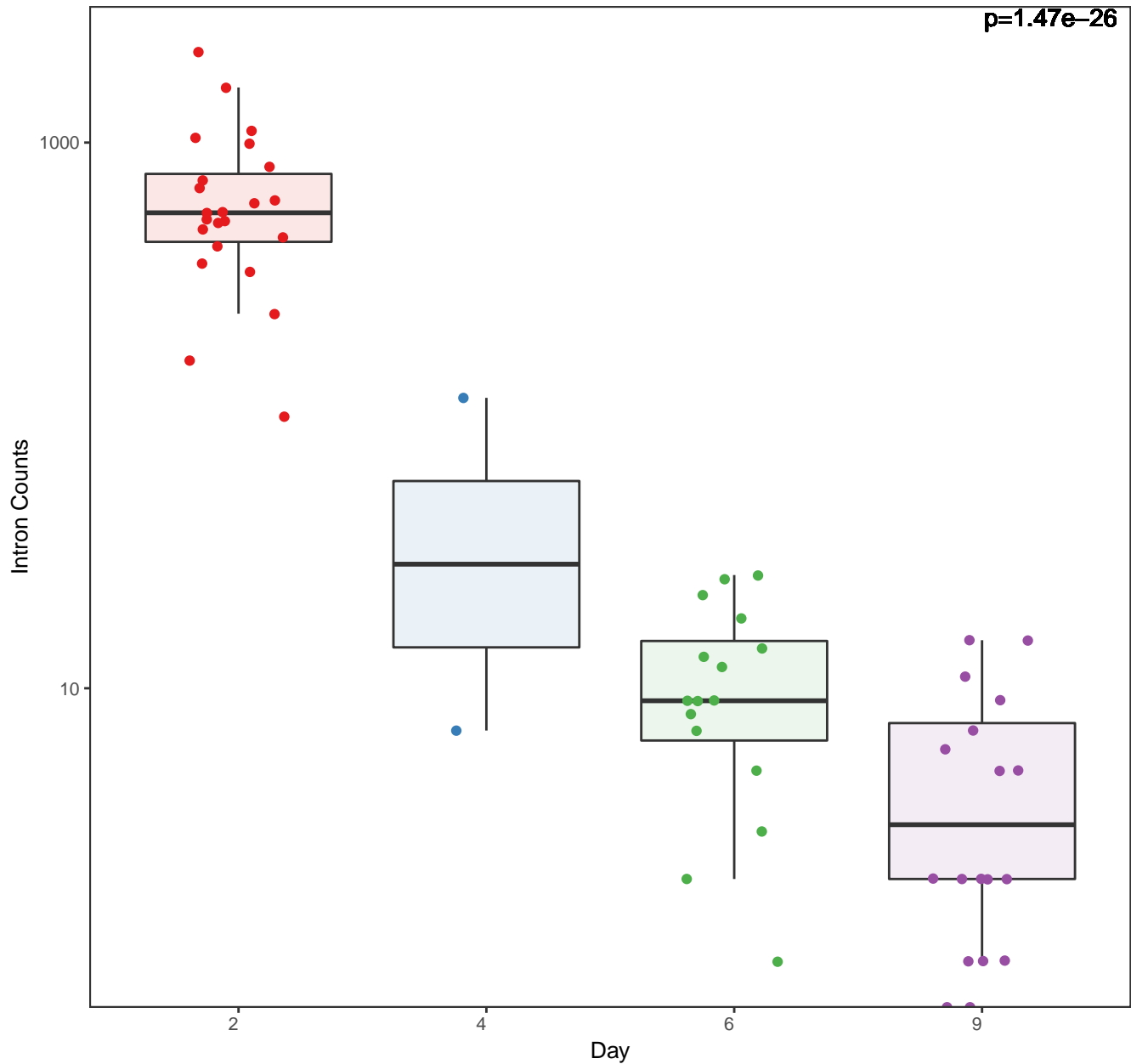


# Accelerated Dorsal Differentiation Intron: HTATIP2

$p=9.82e-27$

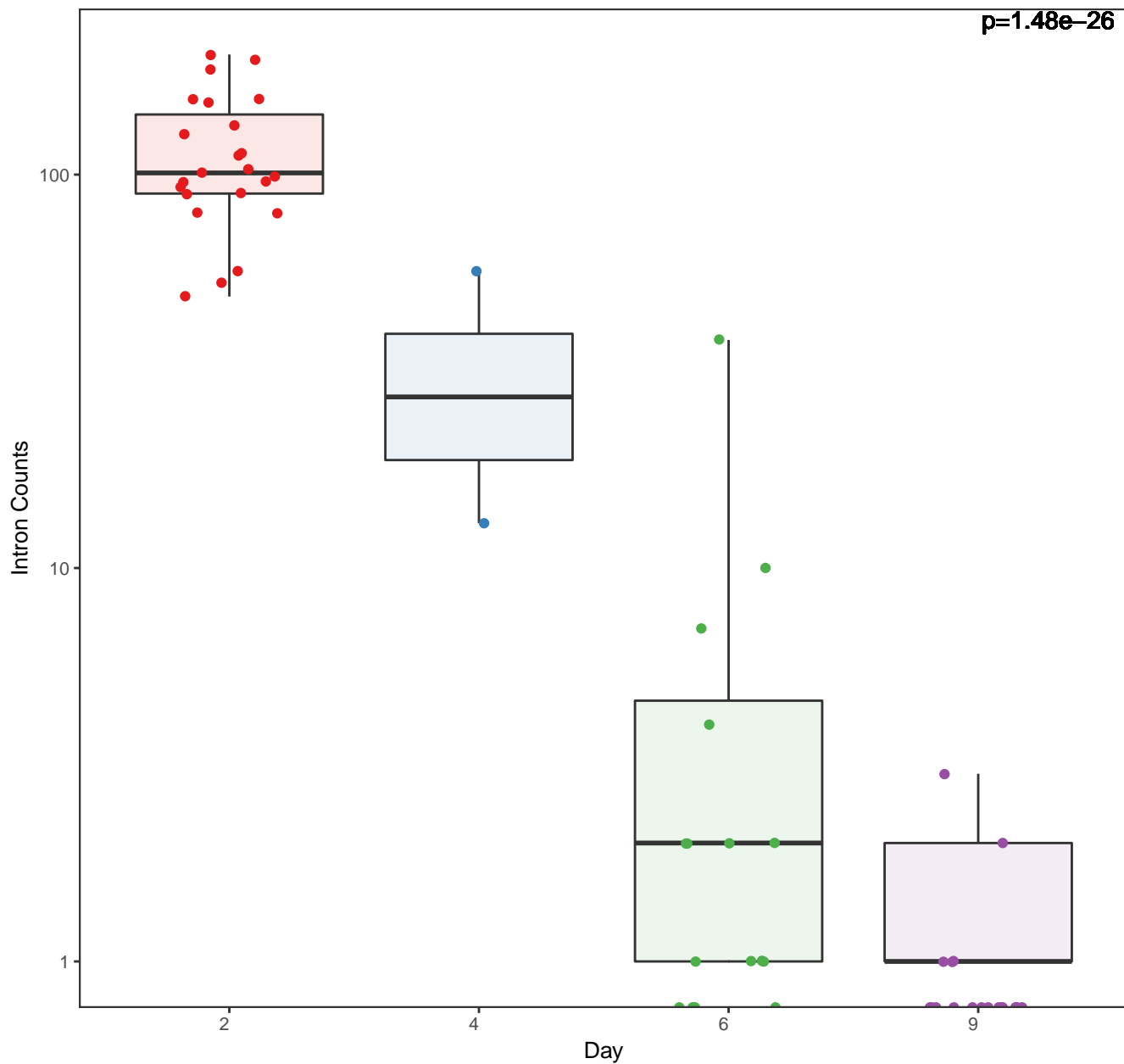


# Accelerated Dorsal Differentiation Intron: KLHL4

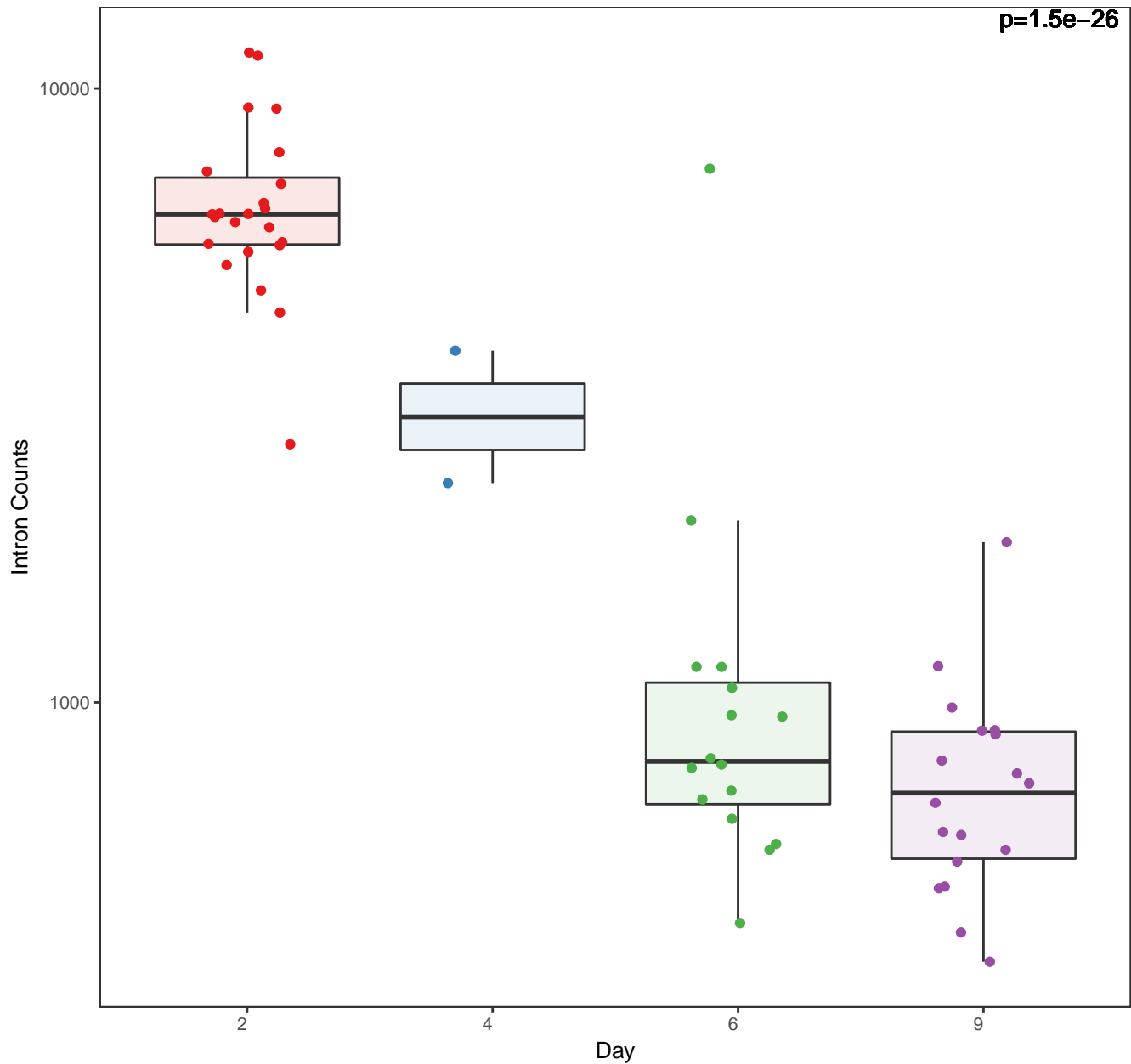




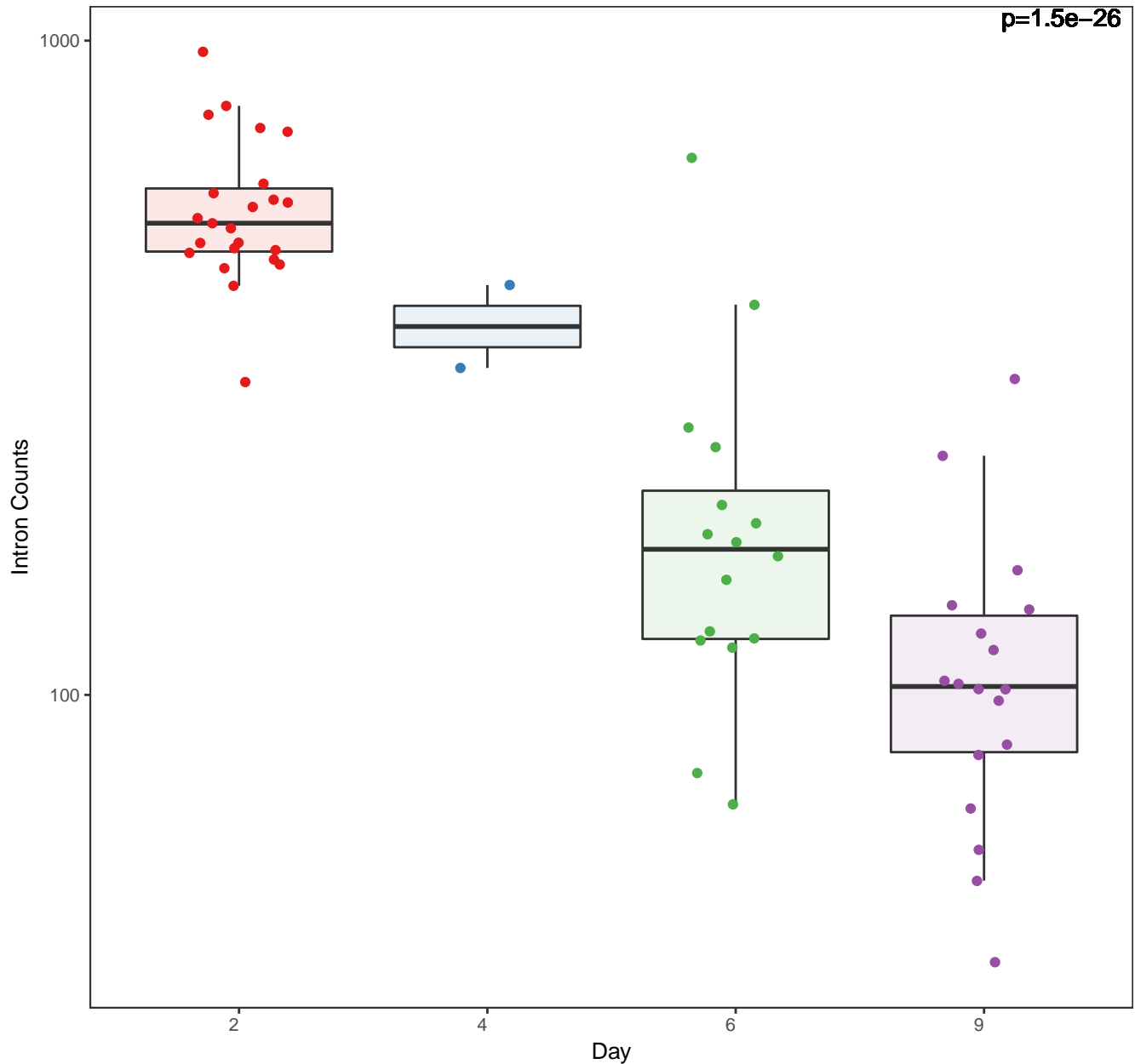
# Accelerated Dorsal Differentiation Intron: FLT1



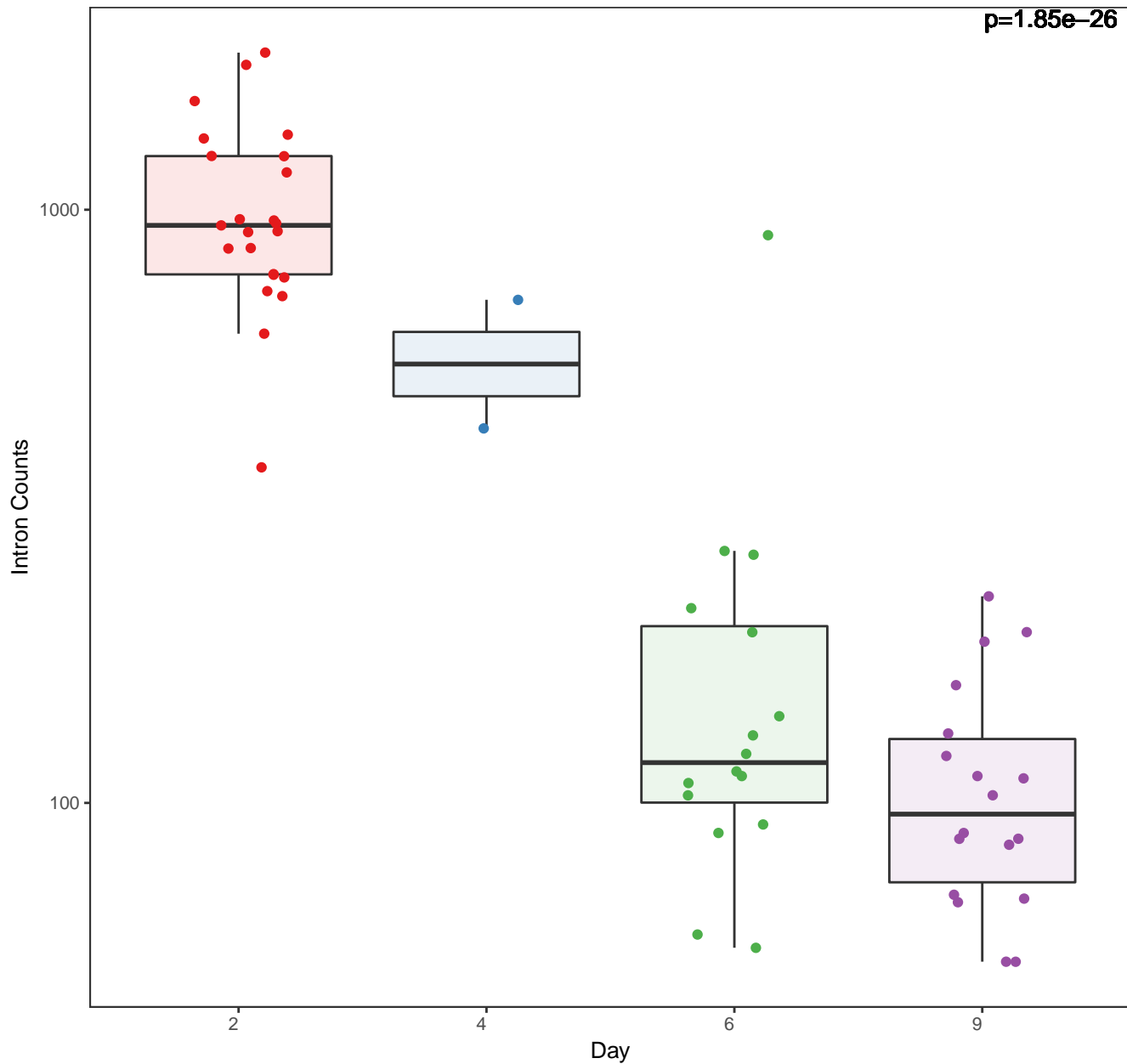
# Accelerated Dorsal Differentiation Intron: PHC1



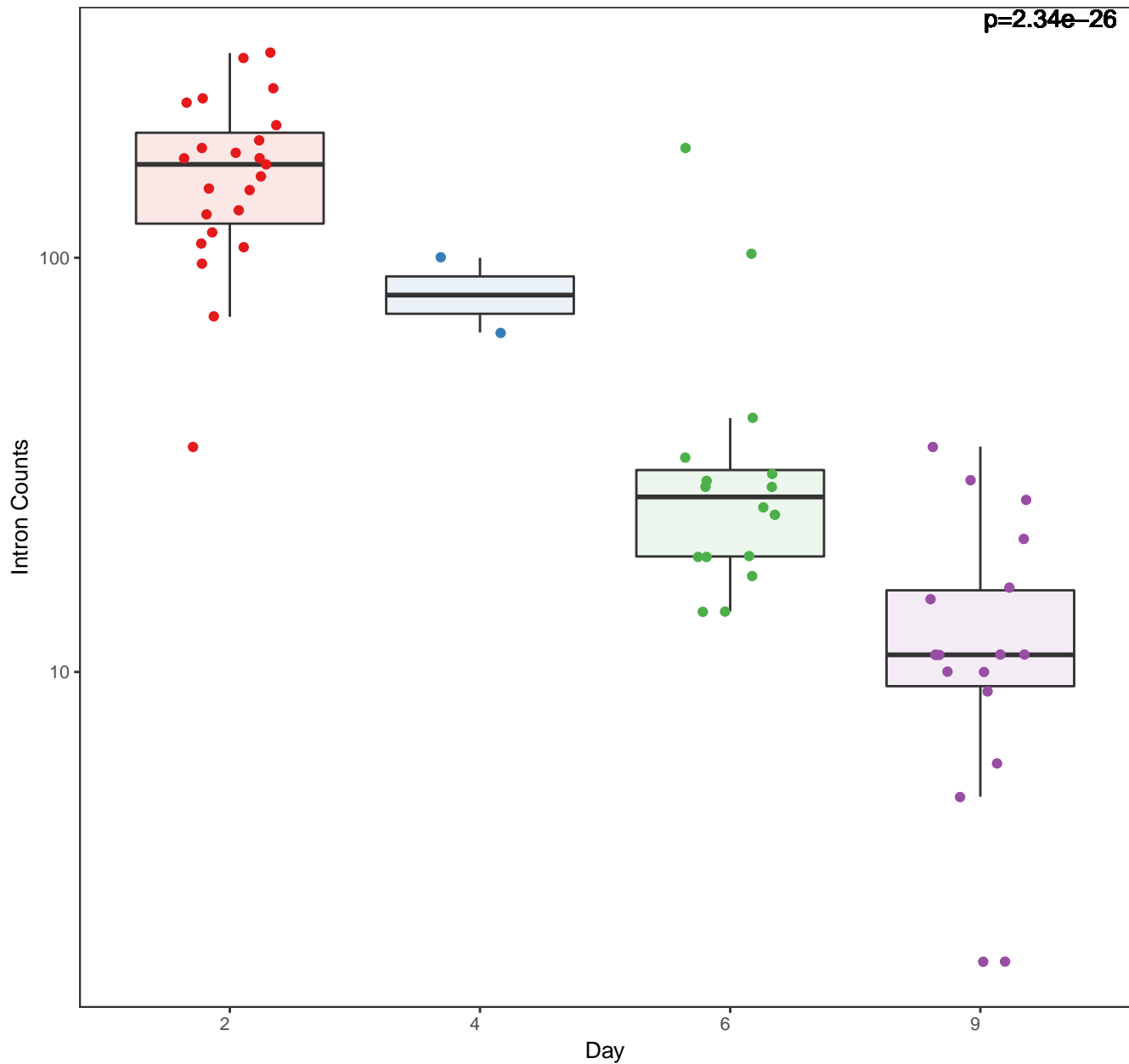
# Accelerated Dorsal Differentiation Intron: PATJ



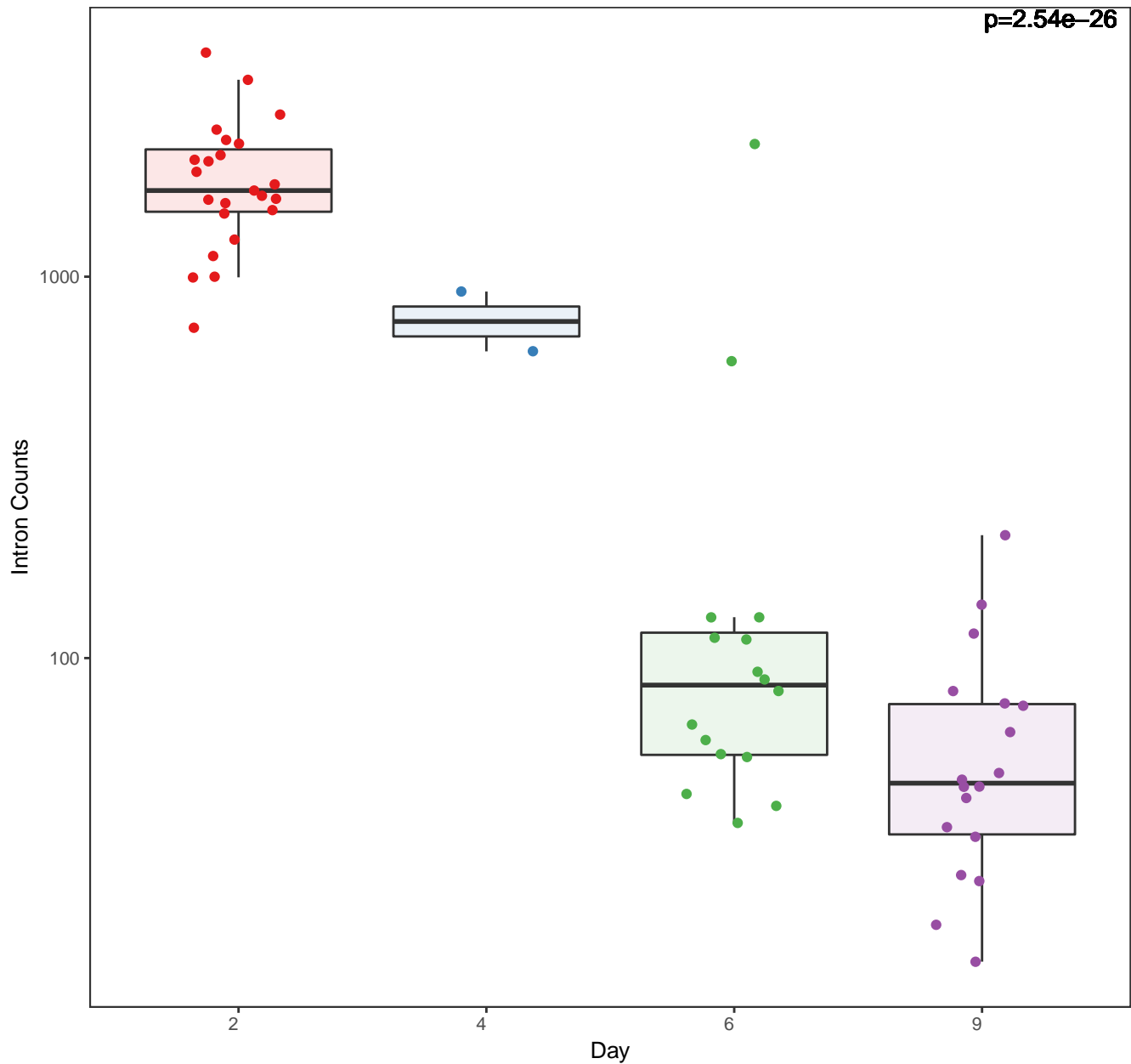
# Accelerated Dorsal Differentiation Intron: PHC1



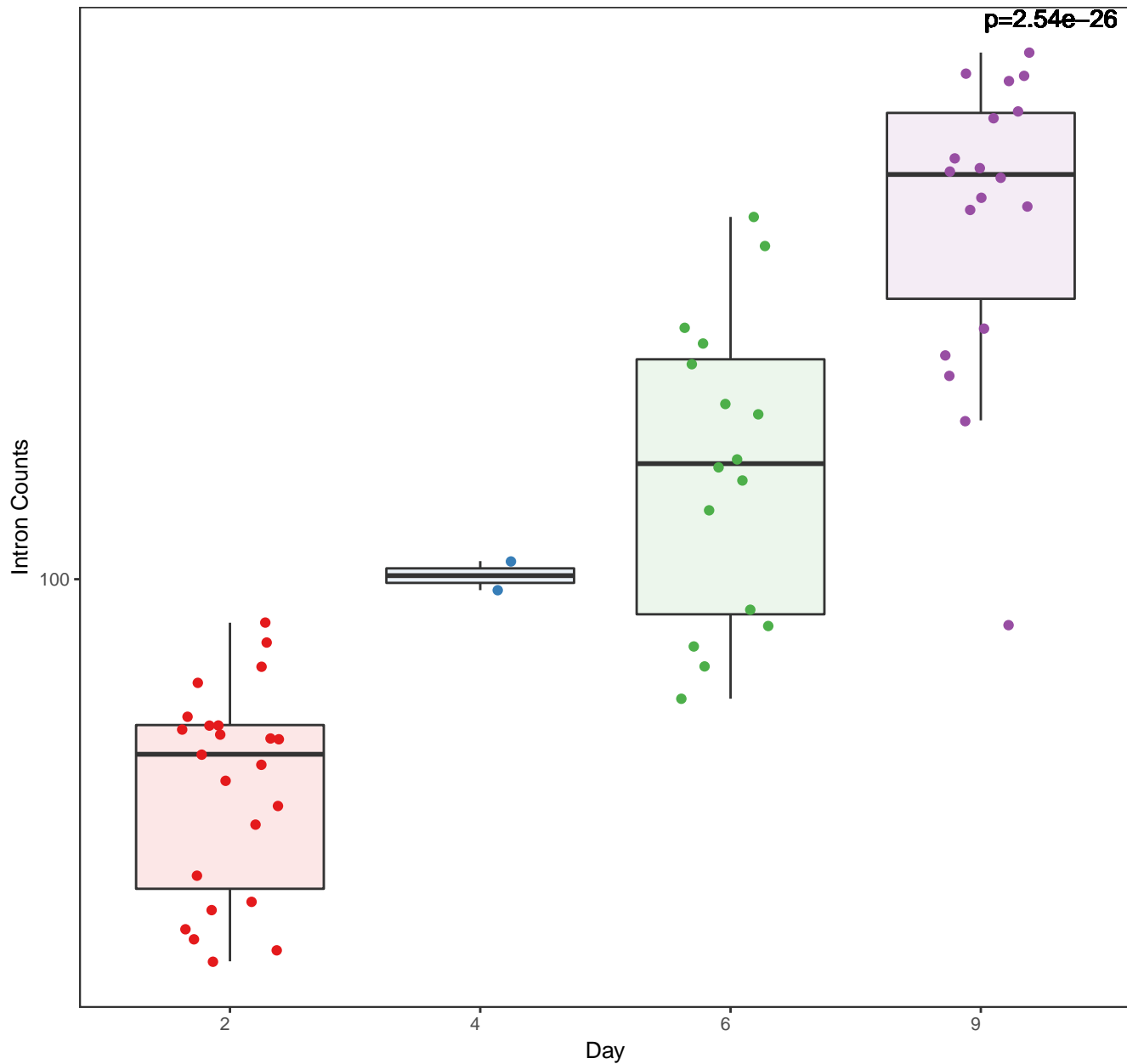
# Accelerated Dorsal Differentiation Intron: DNMT3B



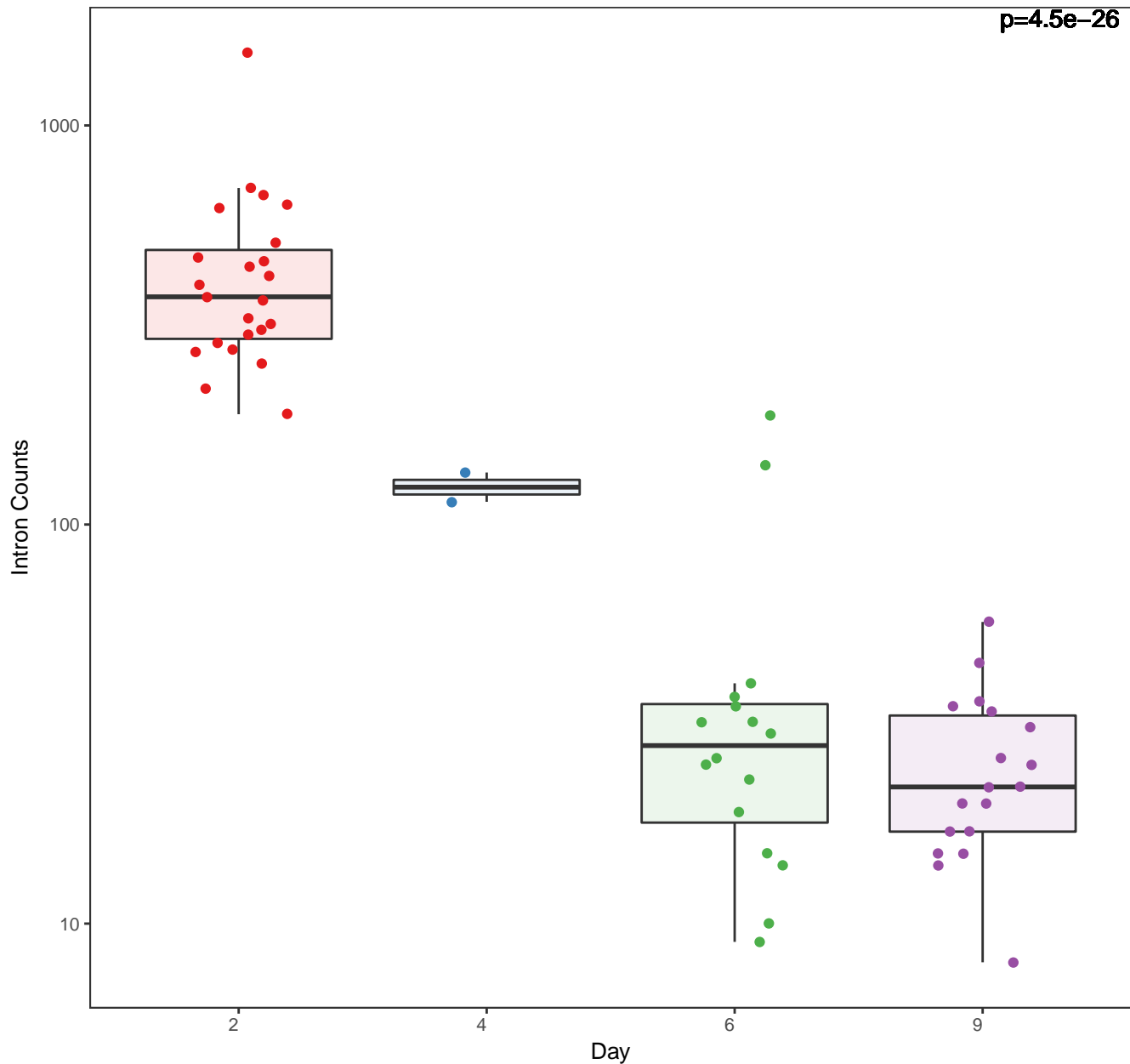
# Accelerated Dorsal Differentiation Intron: UGP2



# Accelerated Dorsal Differentiation Intron: PLEKHG1

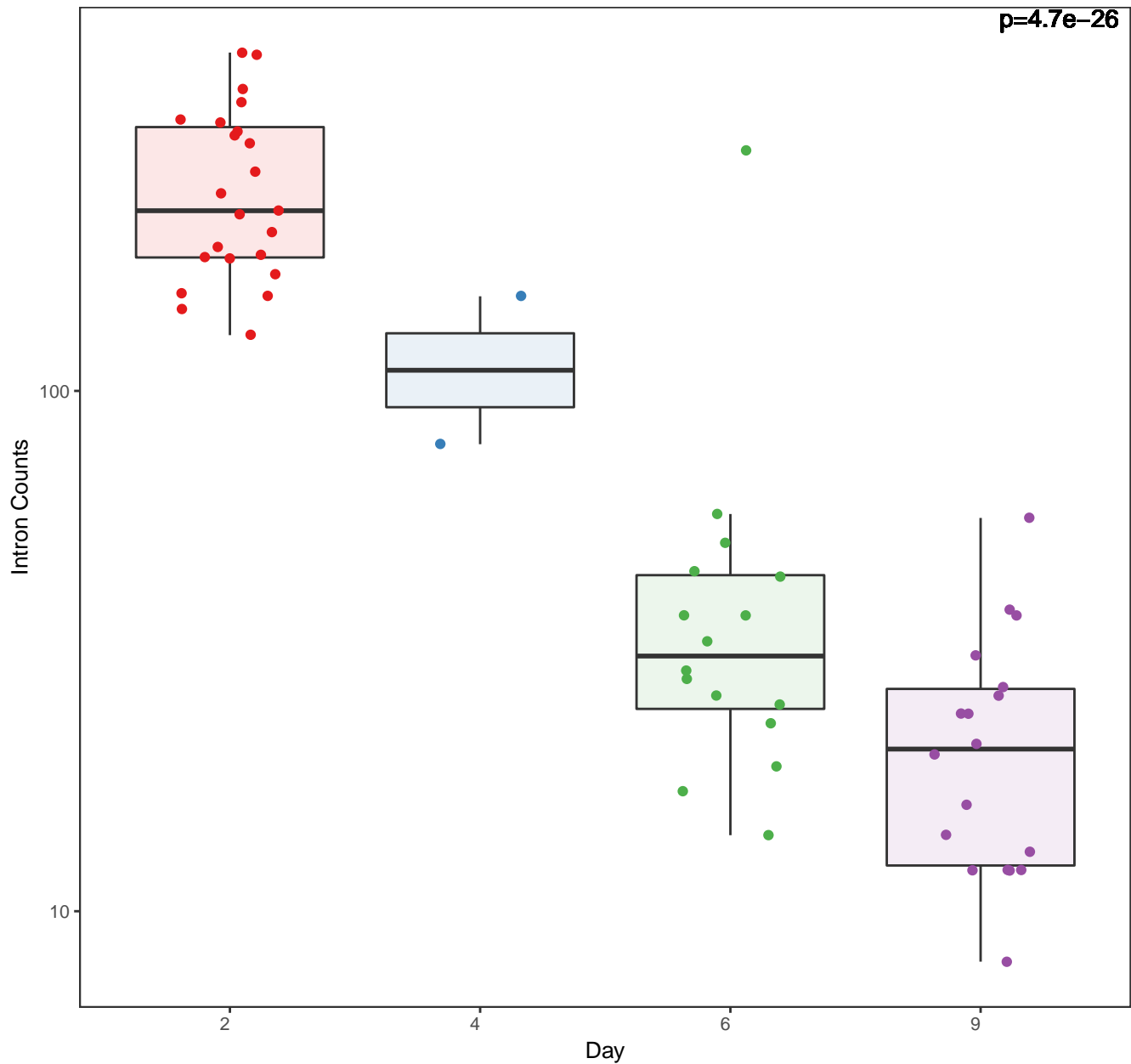


# Accelerated Dorsal Differentiation Intron: ANKRD18CP

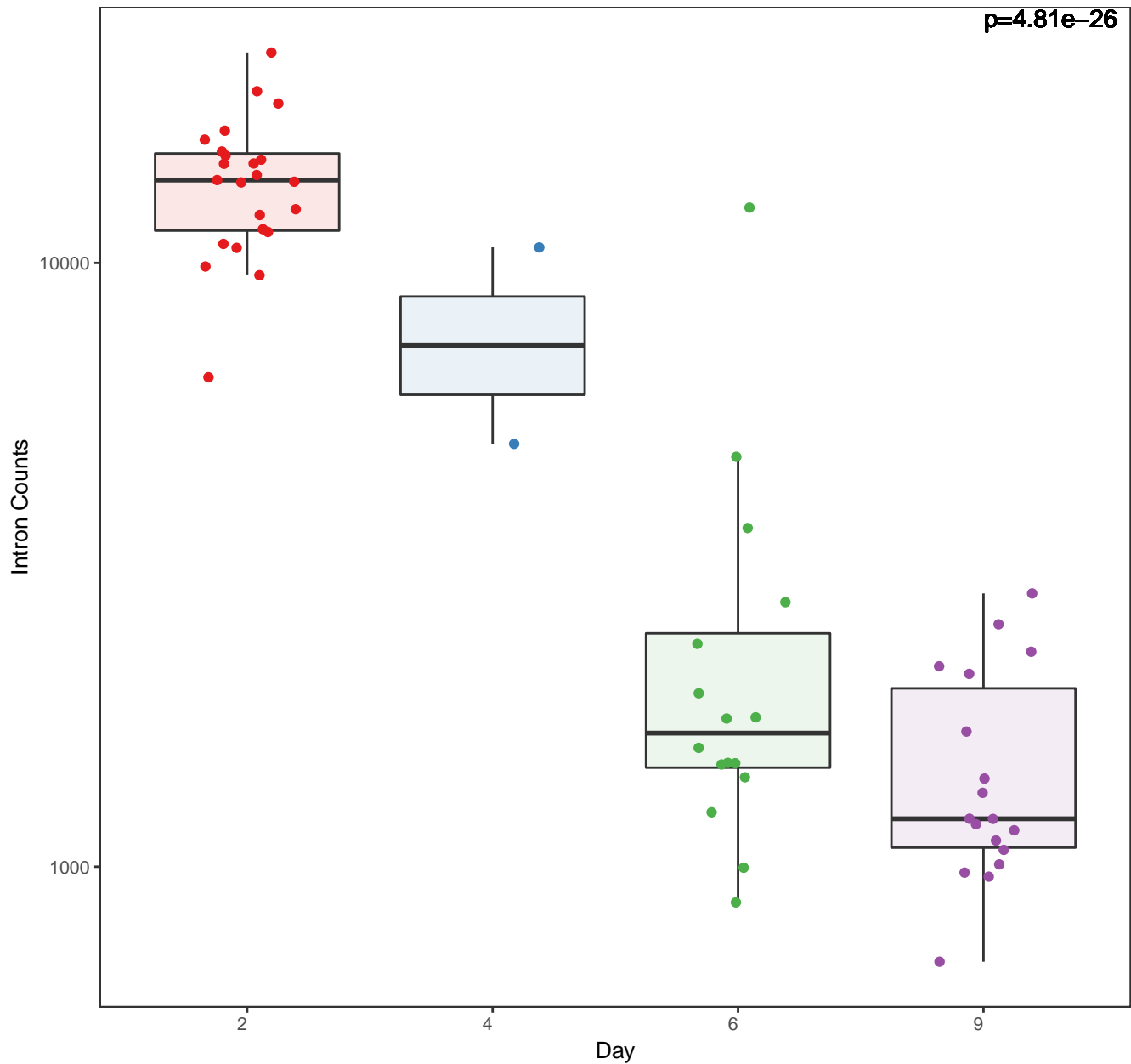




# Accelerated Dorsal Differentiation Intron: UGP2



# Accelerated Dorsal Differentiation Intron: CD24



# Accelerated Dorsal Differentiation Intron: FOXN3

$p=4.84e-26$

Intron Counts

1000

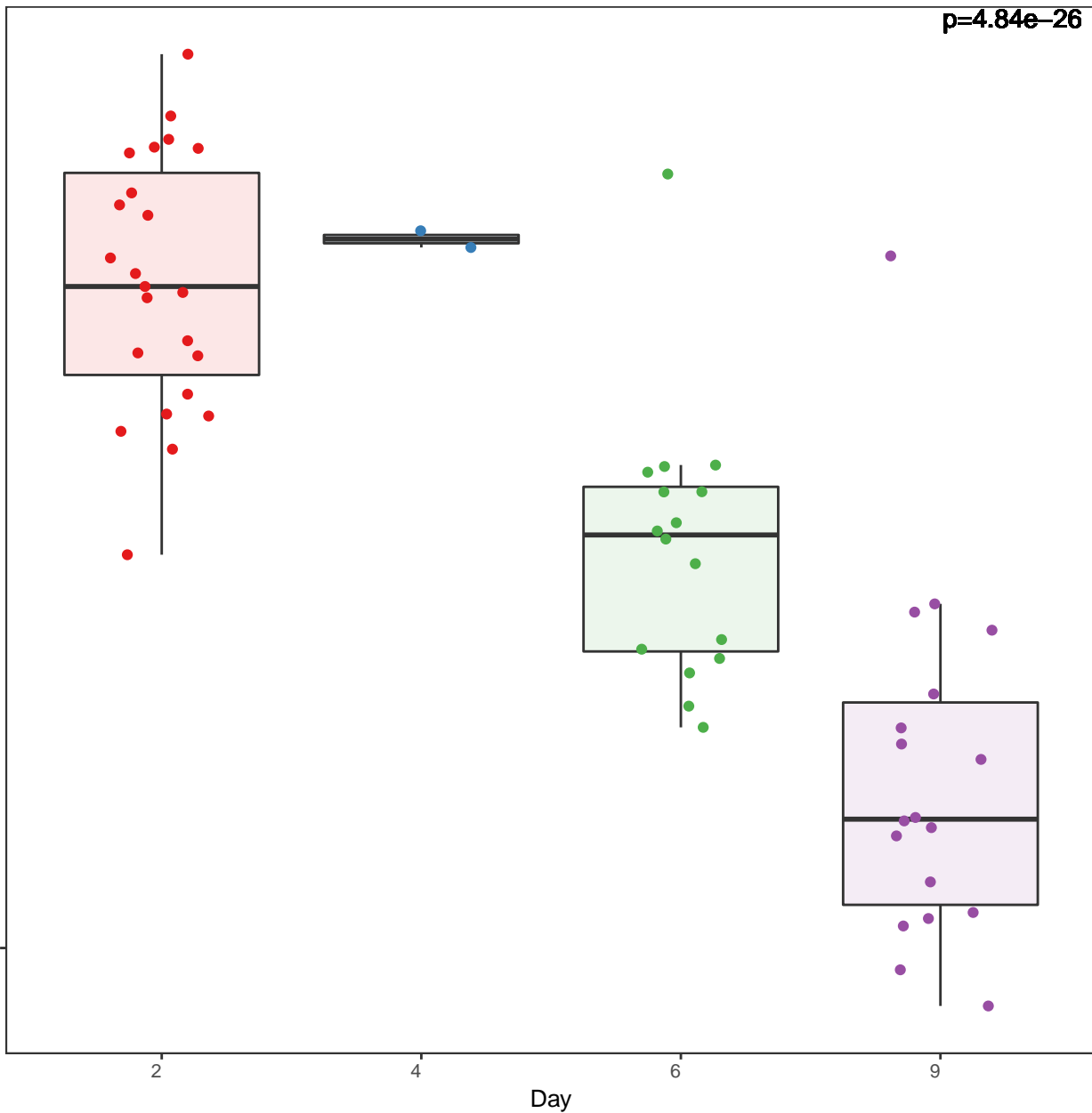
2

4

6

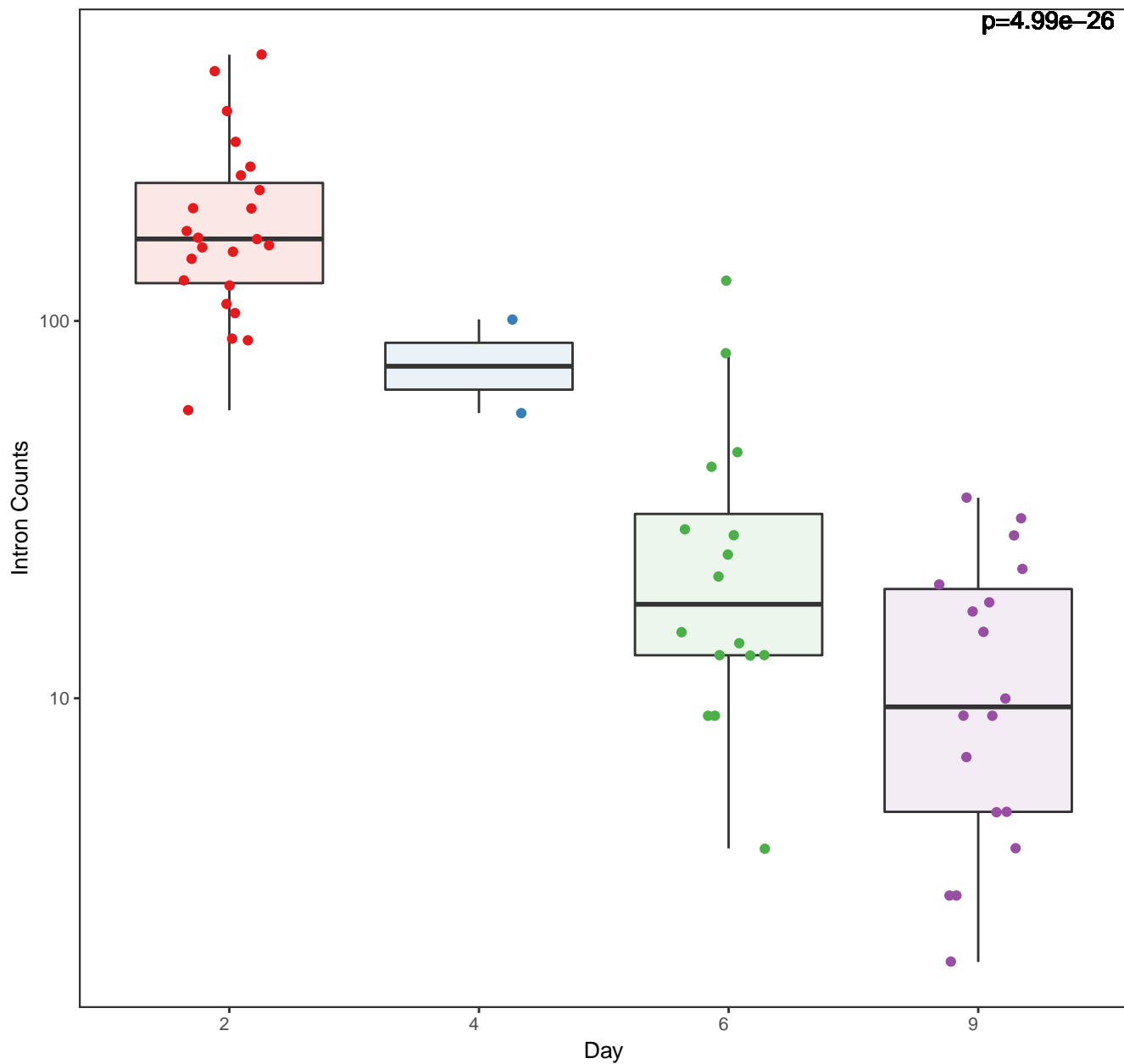
9

Day

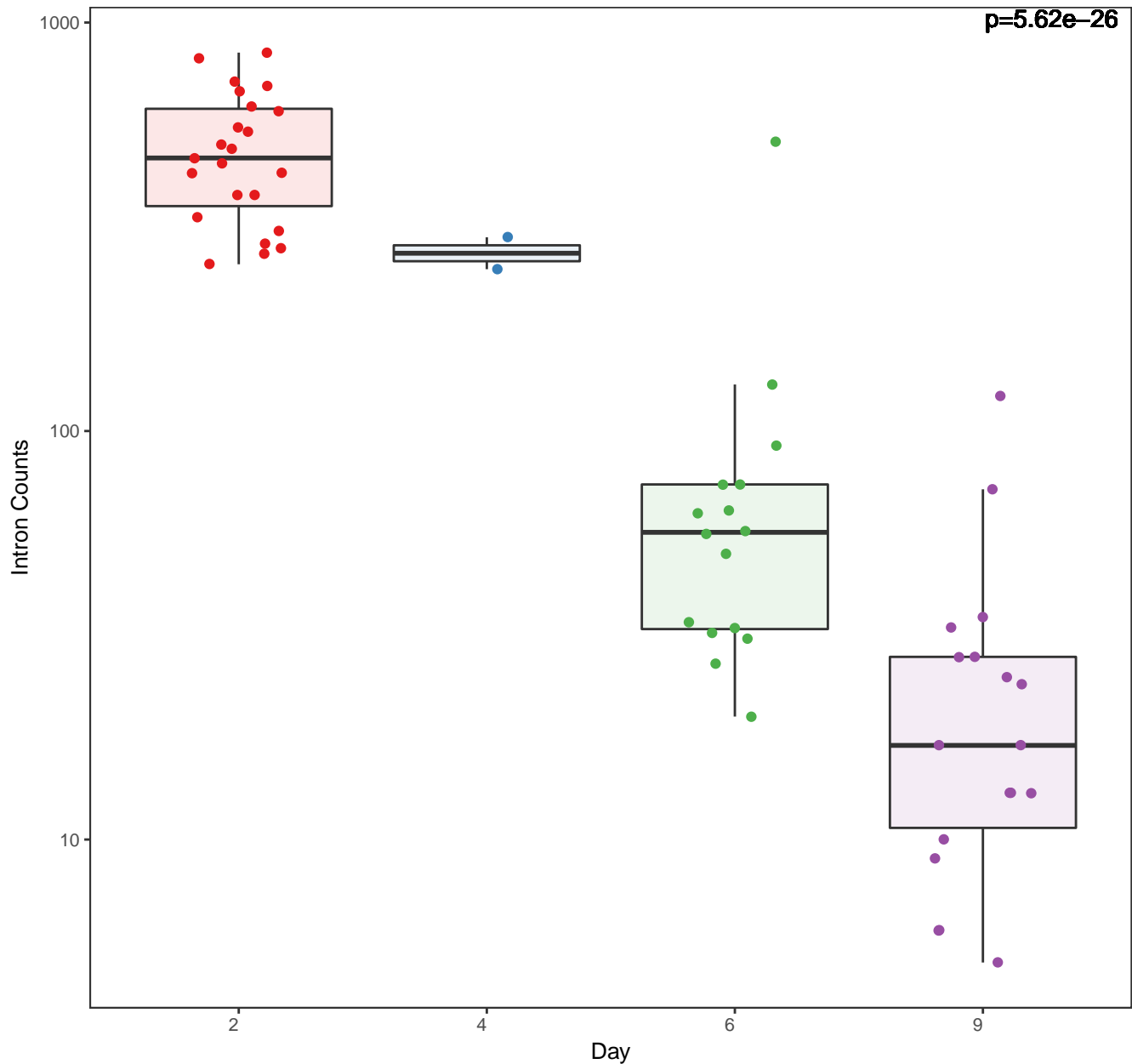


# Accelerated Dorsal Differentiation Intron: MB21D1

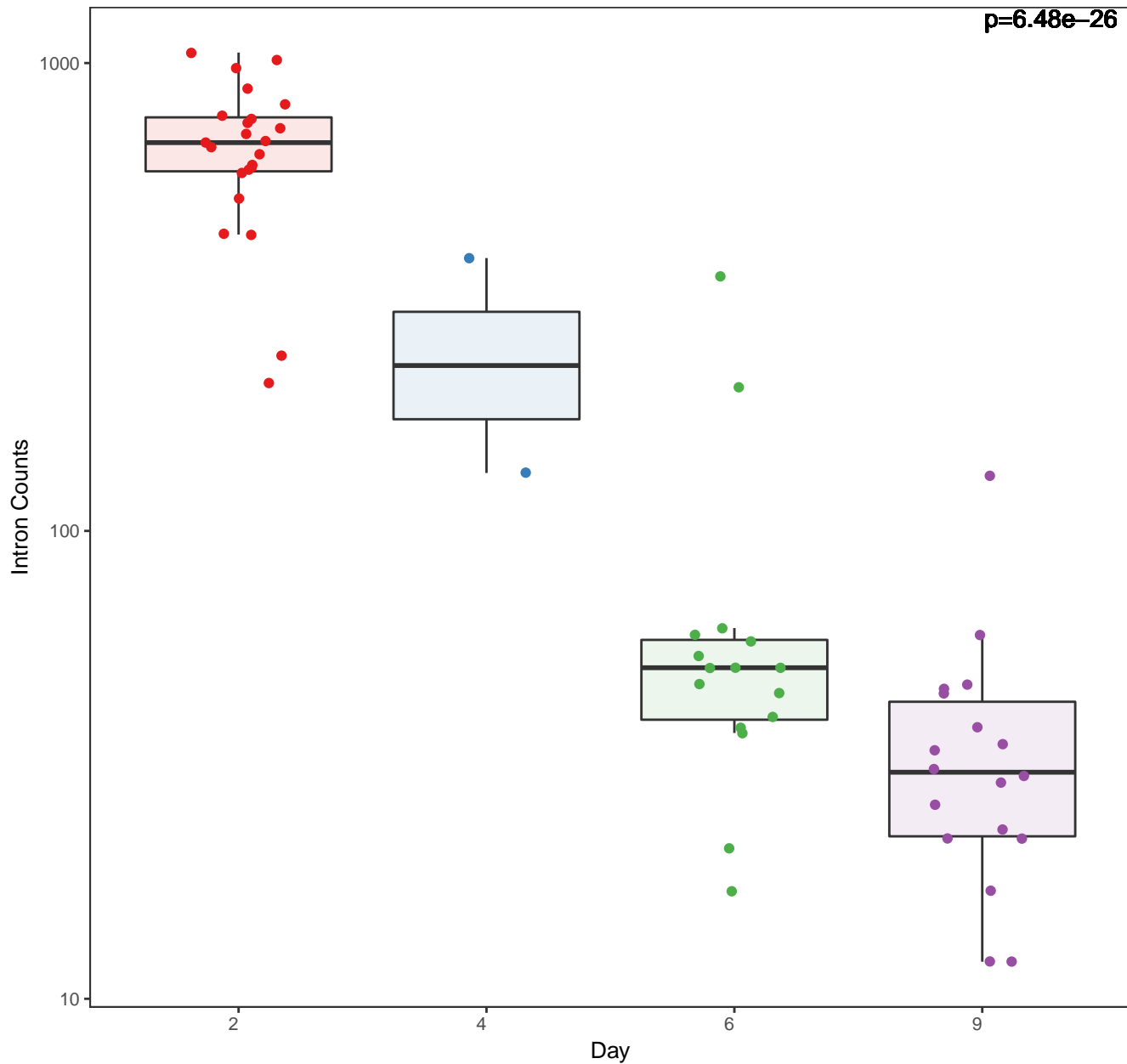
$p=4.99e-26$



# Accelerated Dorsal Differentiation Intron: GPR176

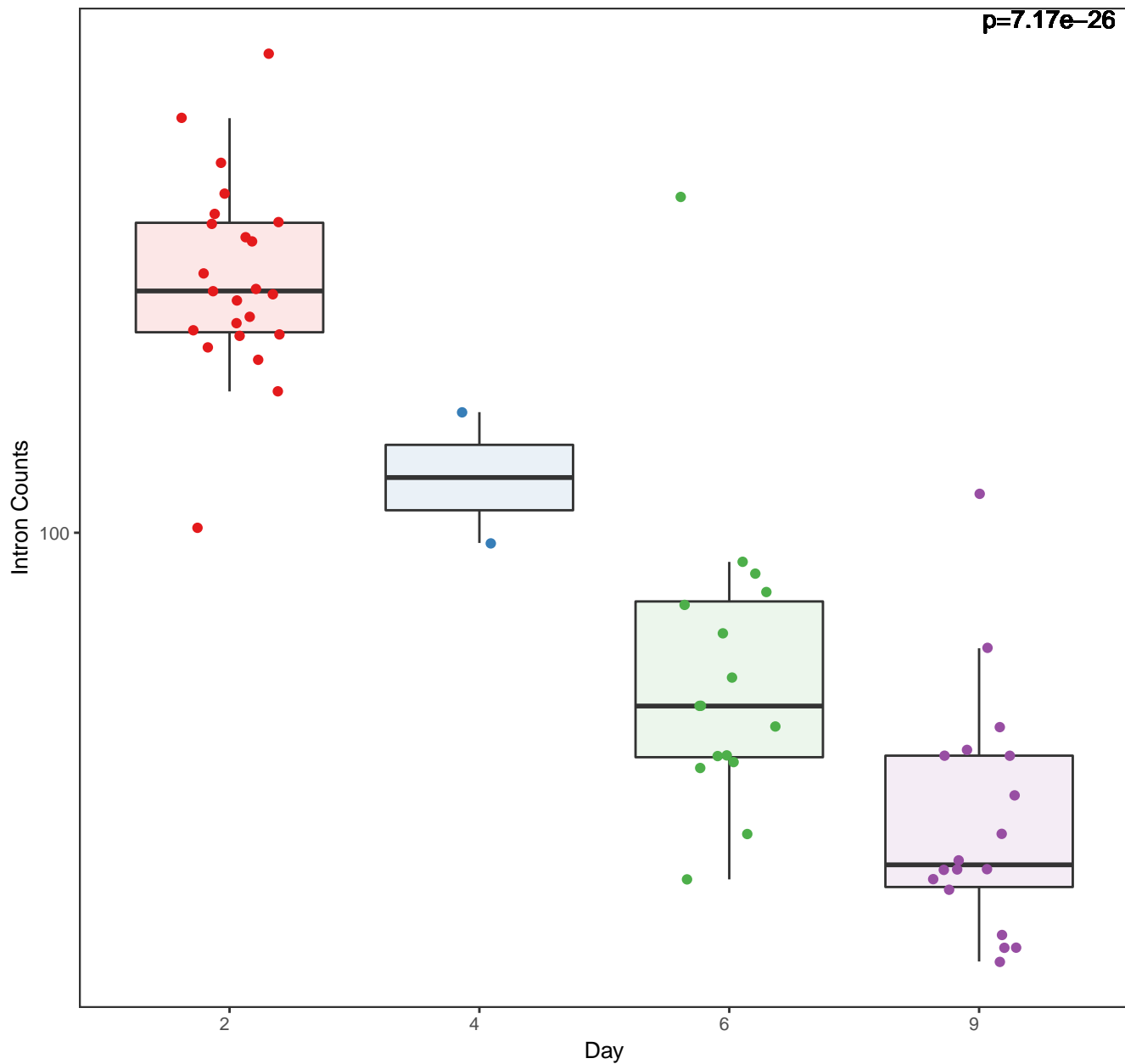


# Accelerated Dorsal Differentiation Intron: CYP2S1



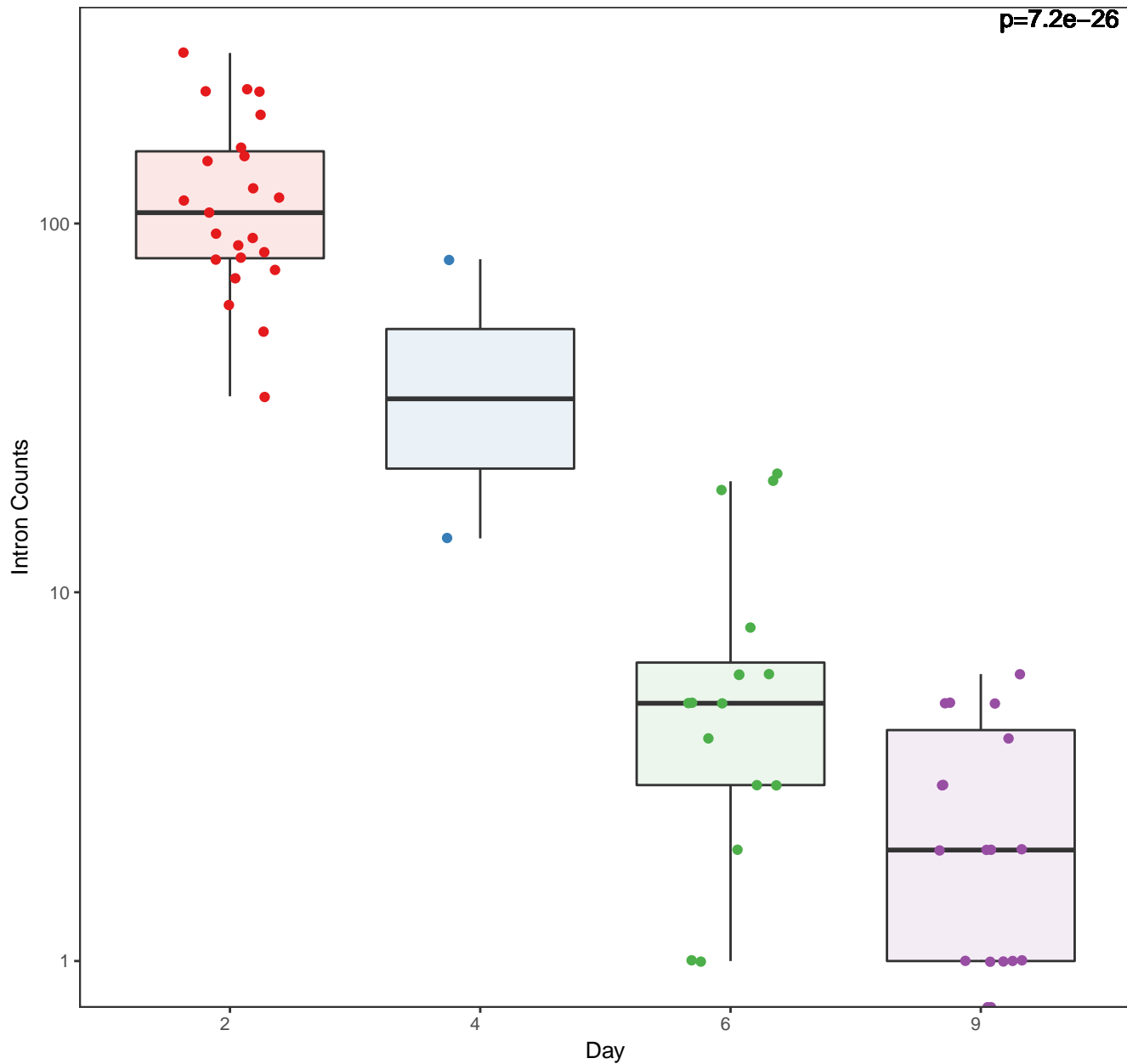
# Accelerated Dorsal Differentiation Intron: MAP7

$p=7.17e-26$



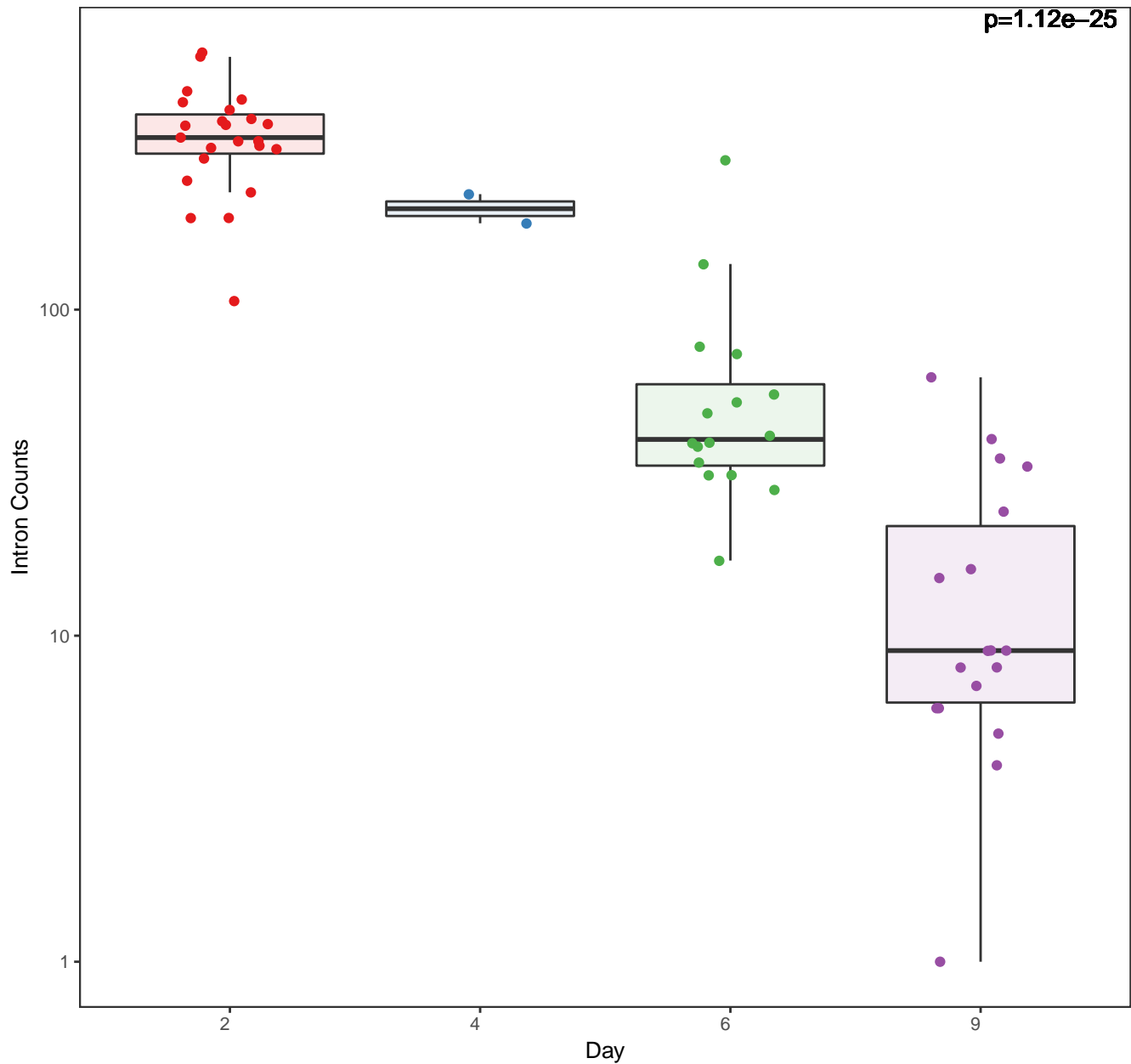
## Accelerated Dorsal Differentiation Intron: POLR3G

**p=7.2e-26**

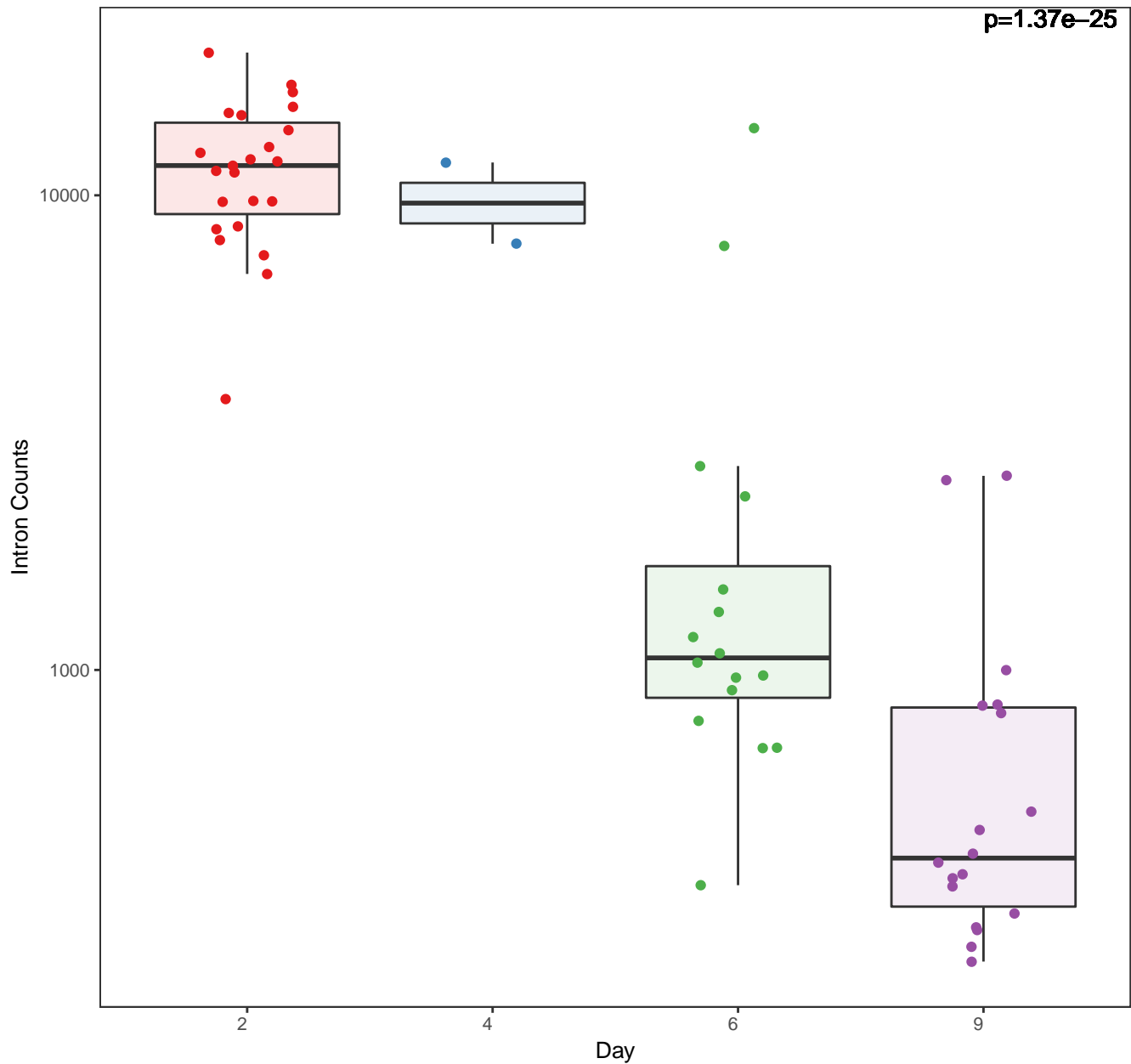




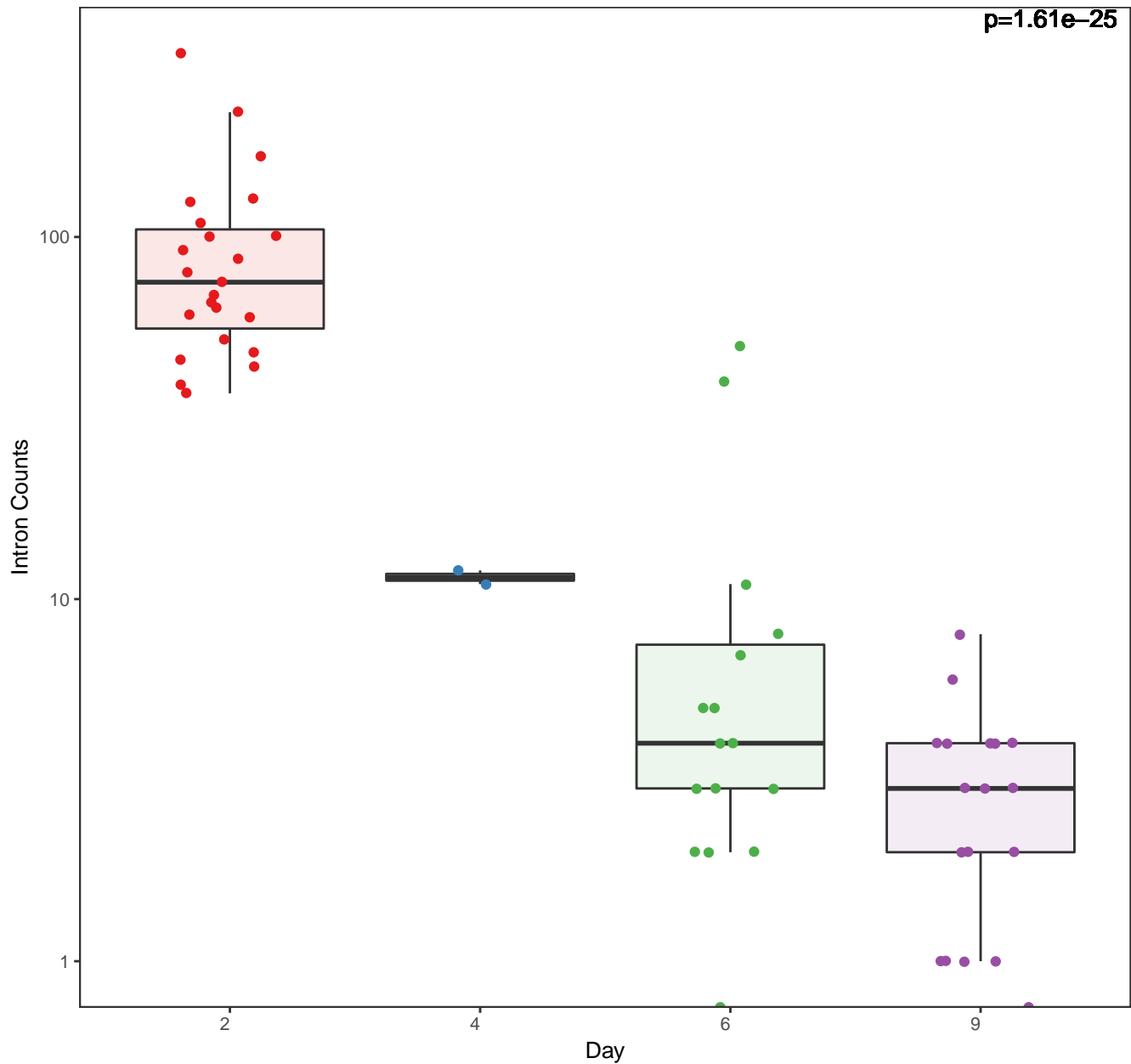
# Accelerated Dorsal Differentiation Intron: LARGE2



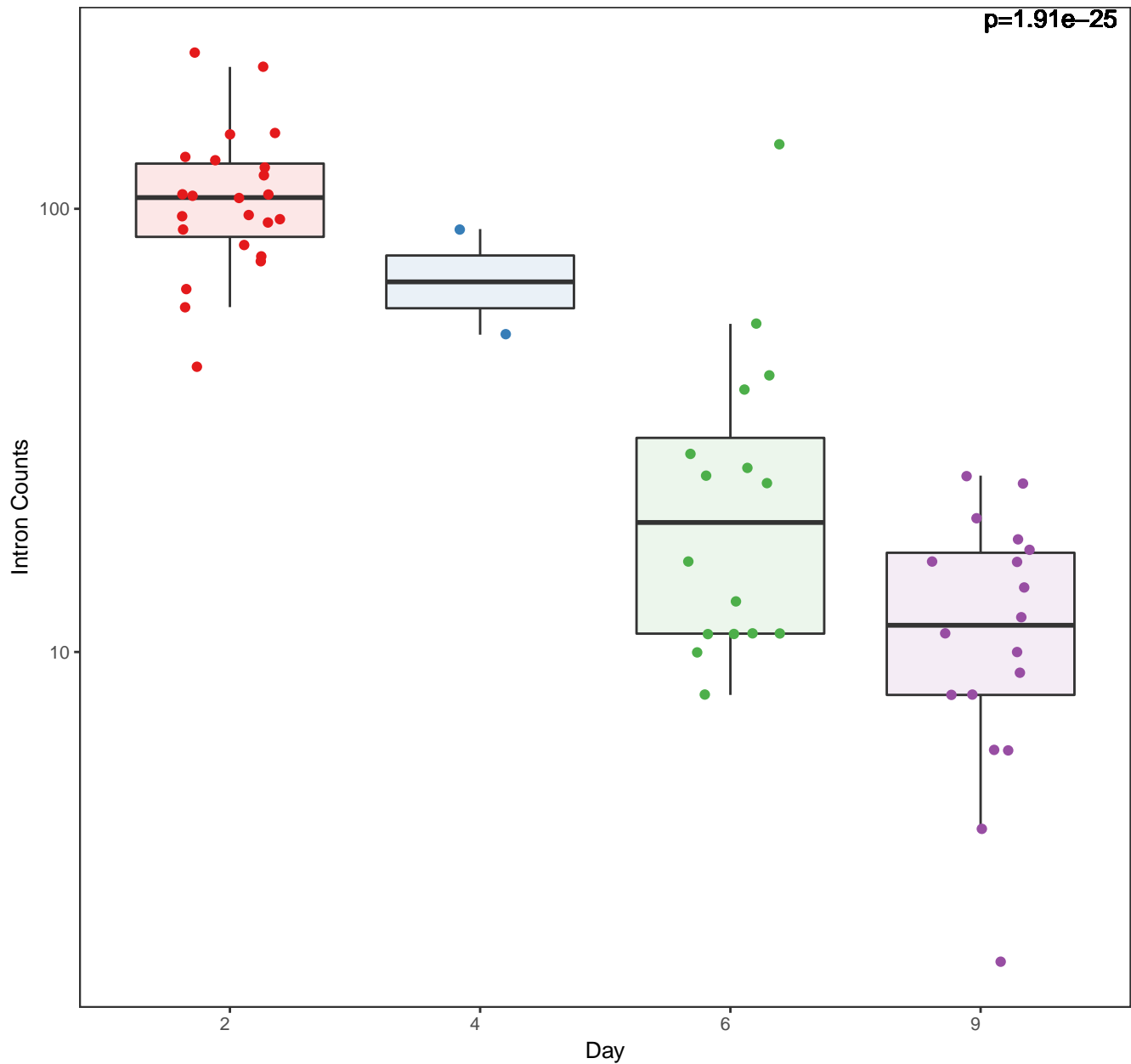
# Accelerated Dorsal Differentiation Intron: CLDN6



# Accelerated Dorsal Differentiation Intron: VASH2

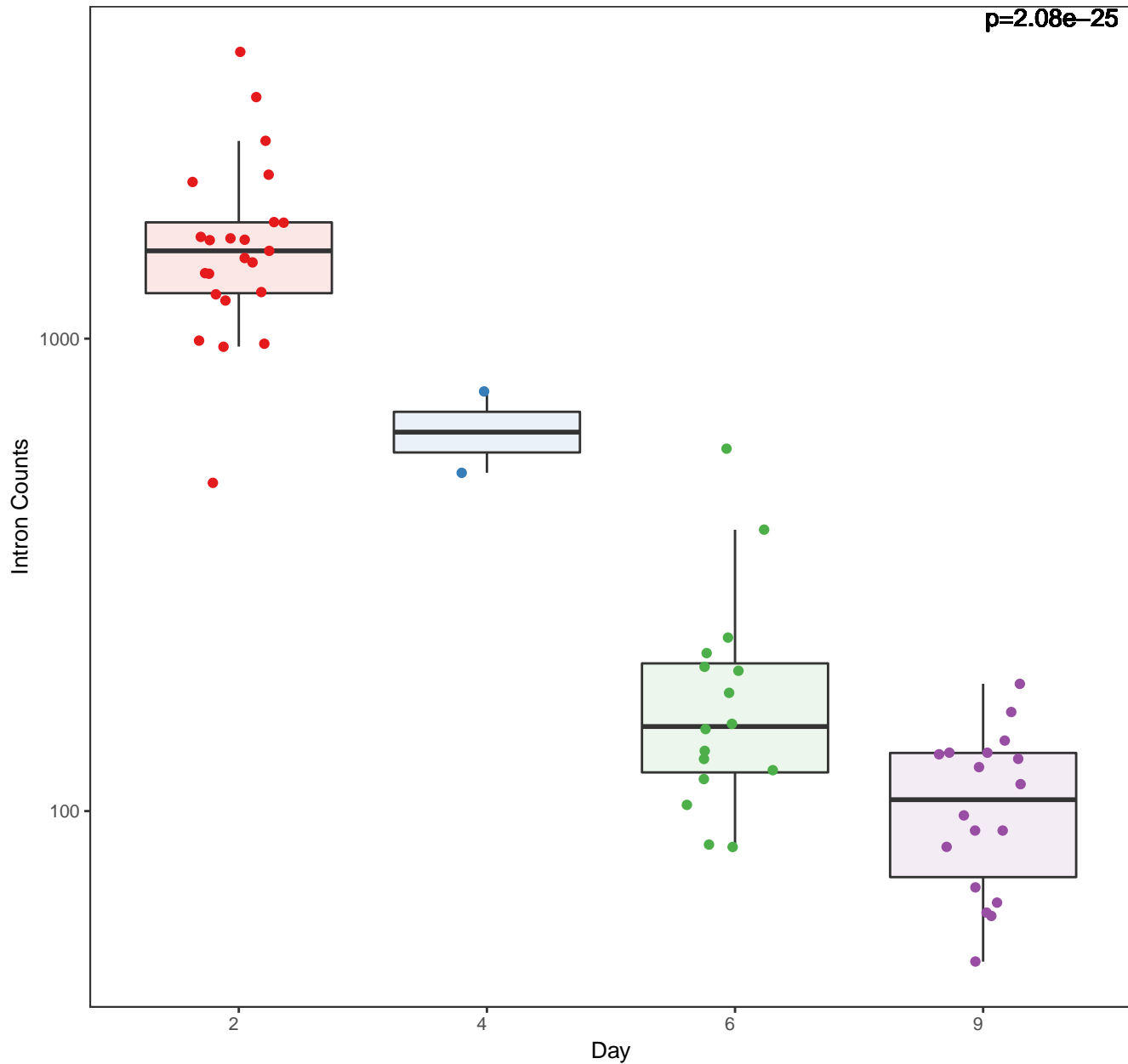


# Accelerated Dorsal Differentiation Intron: DNMT3B

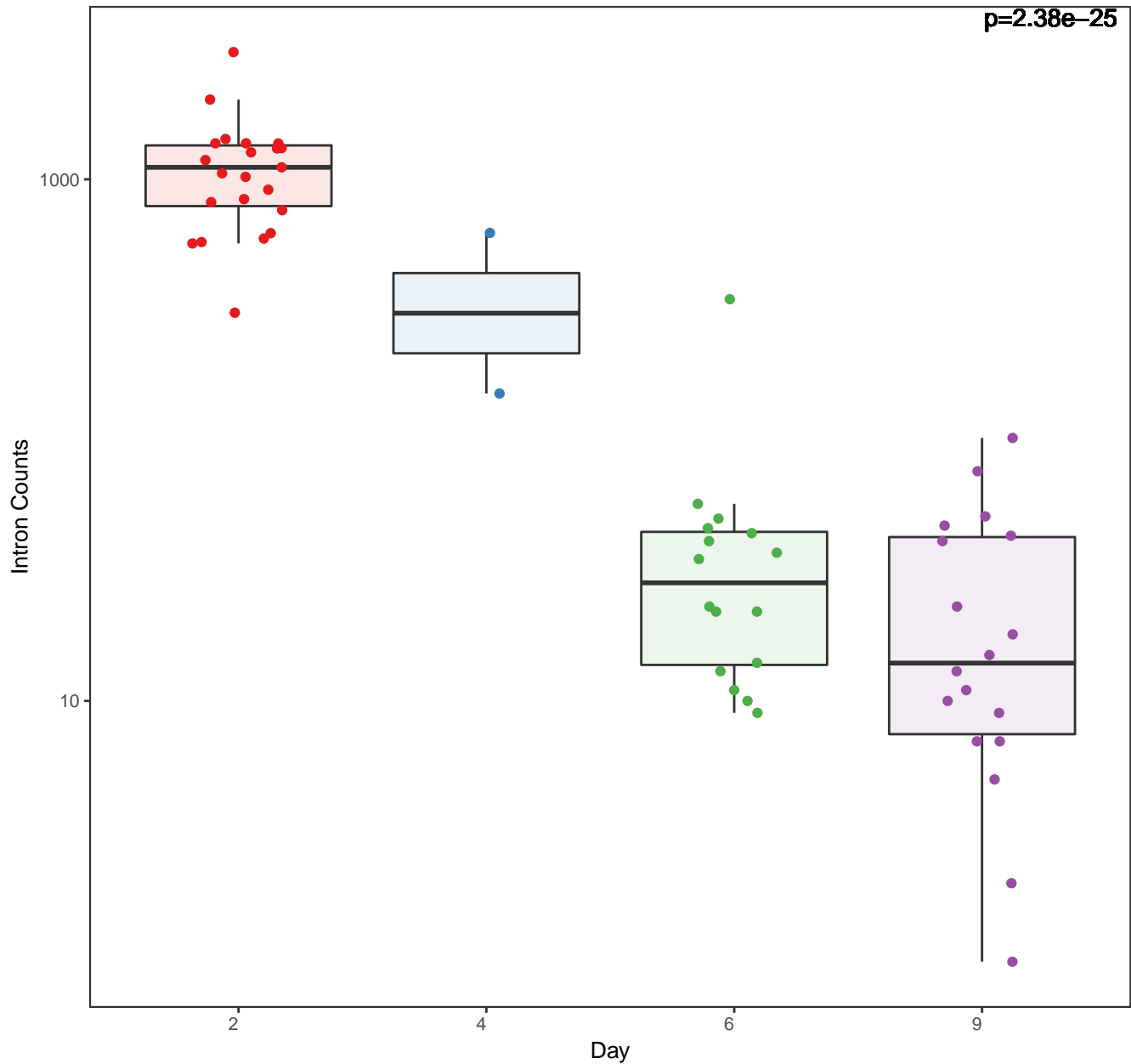


Accelerated Dorsal Differentiation Intron:  
ENSG00000225330

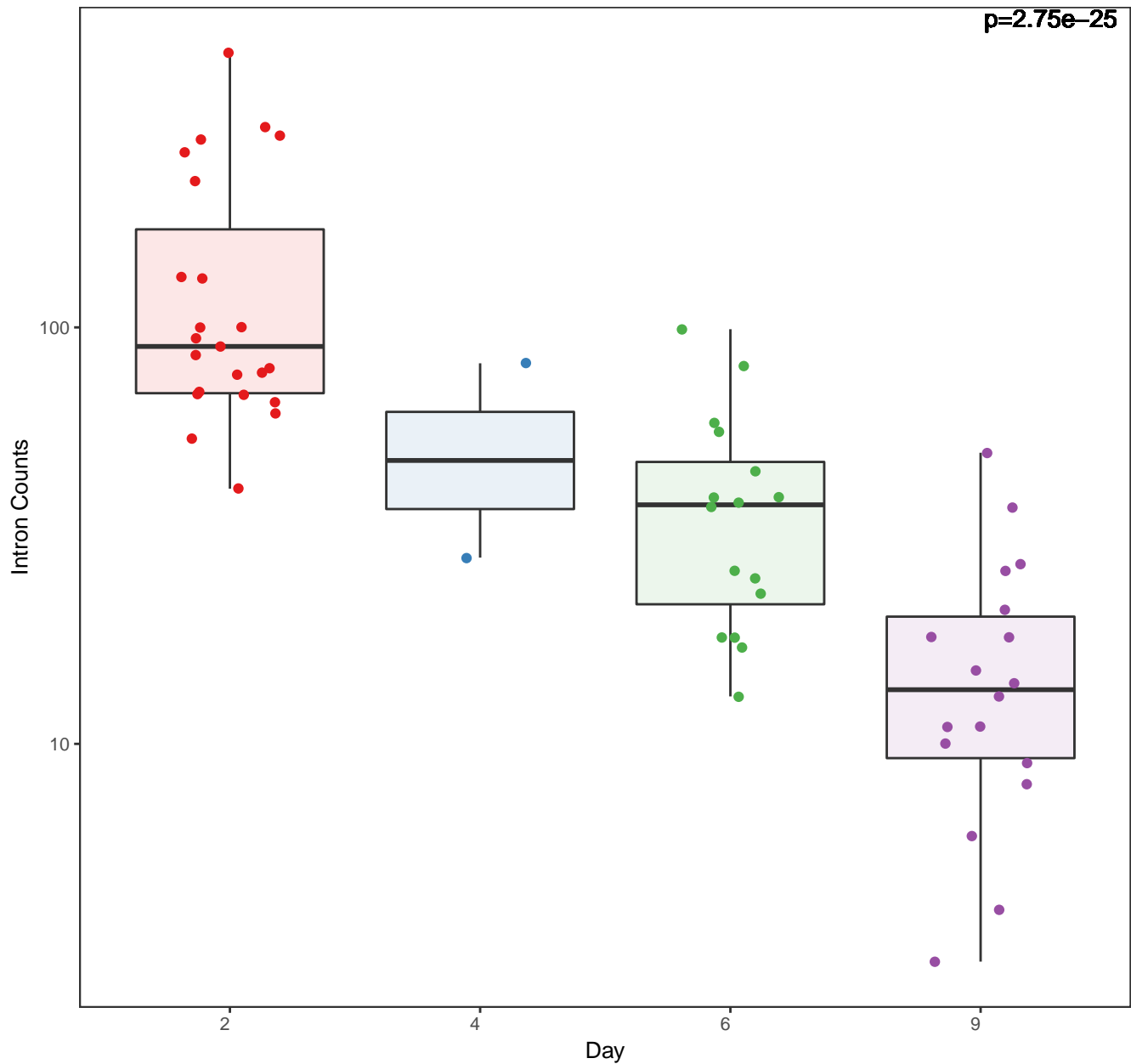
$p=2.08e-25$



# Accelerated Dorsal Differentiation Intron: APELA



# Accelerated Dorsal Differentiation Intron: CPT1A



# Accelerated Dorsal Differentiation Intron: PPM1B

$p=2.8e-25$

Intron Counts

1000

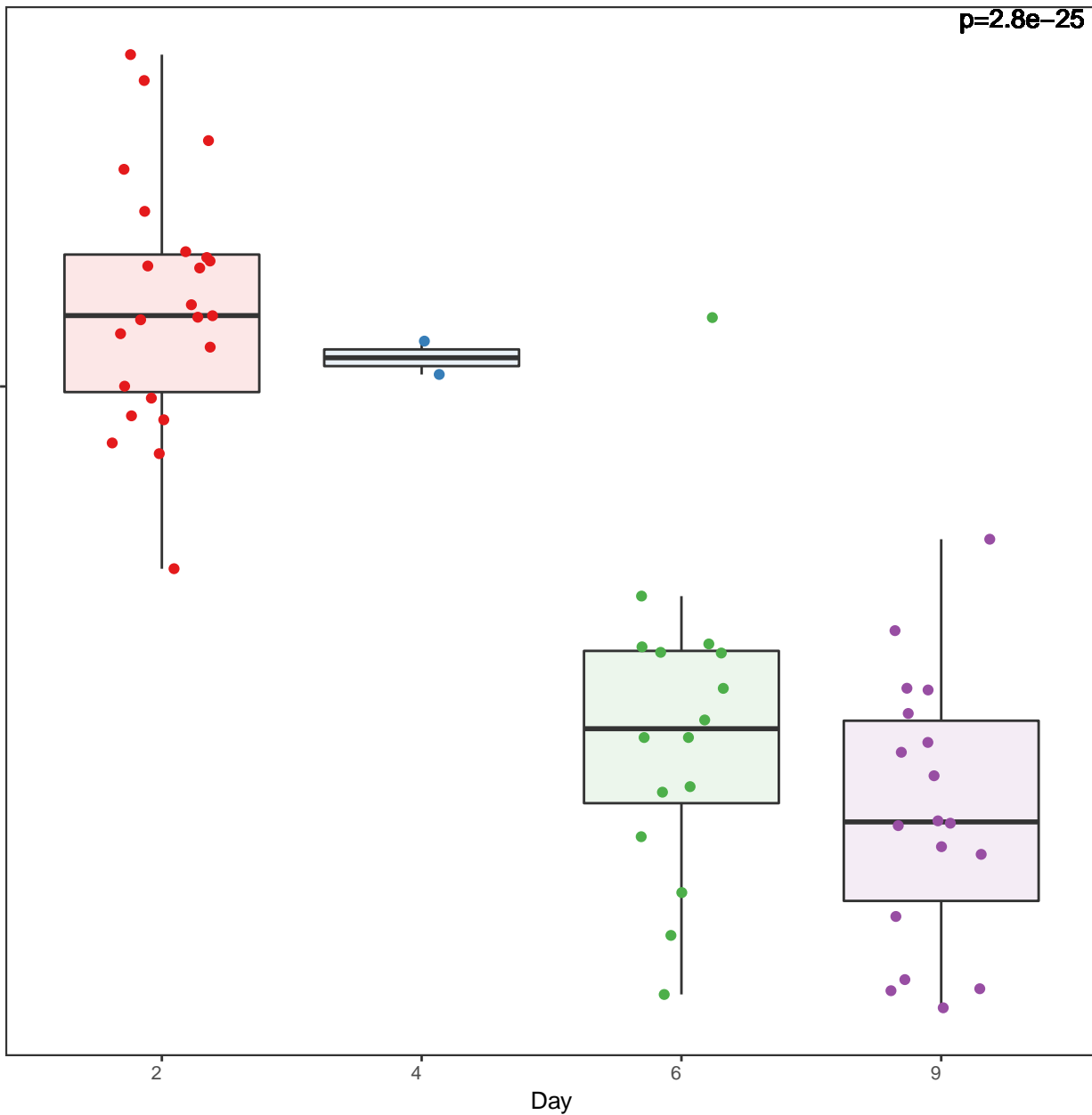
2

4

6

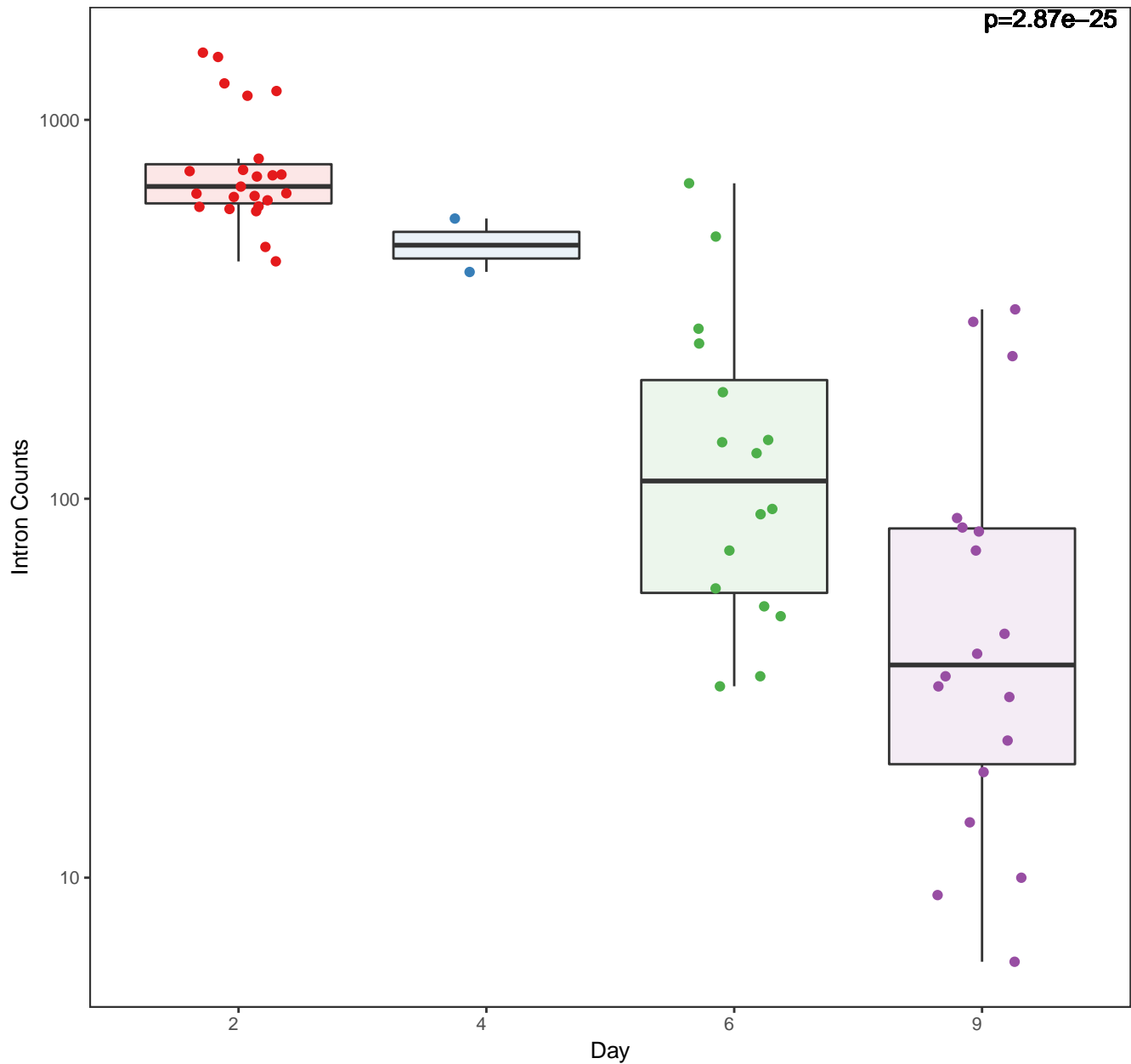
9

Day

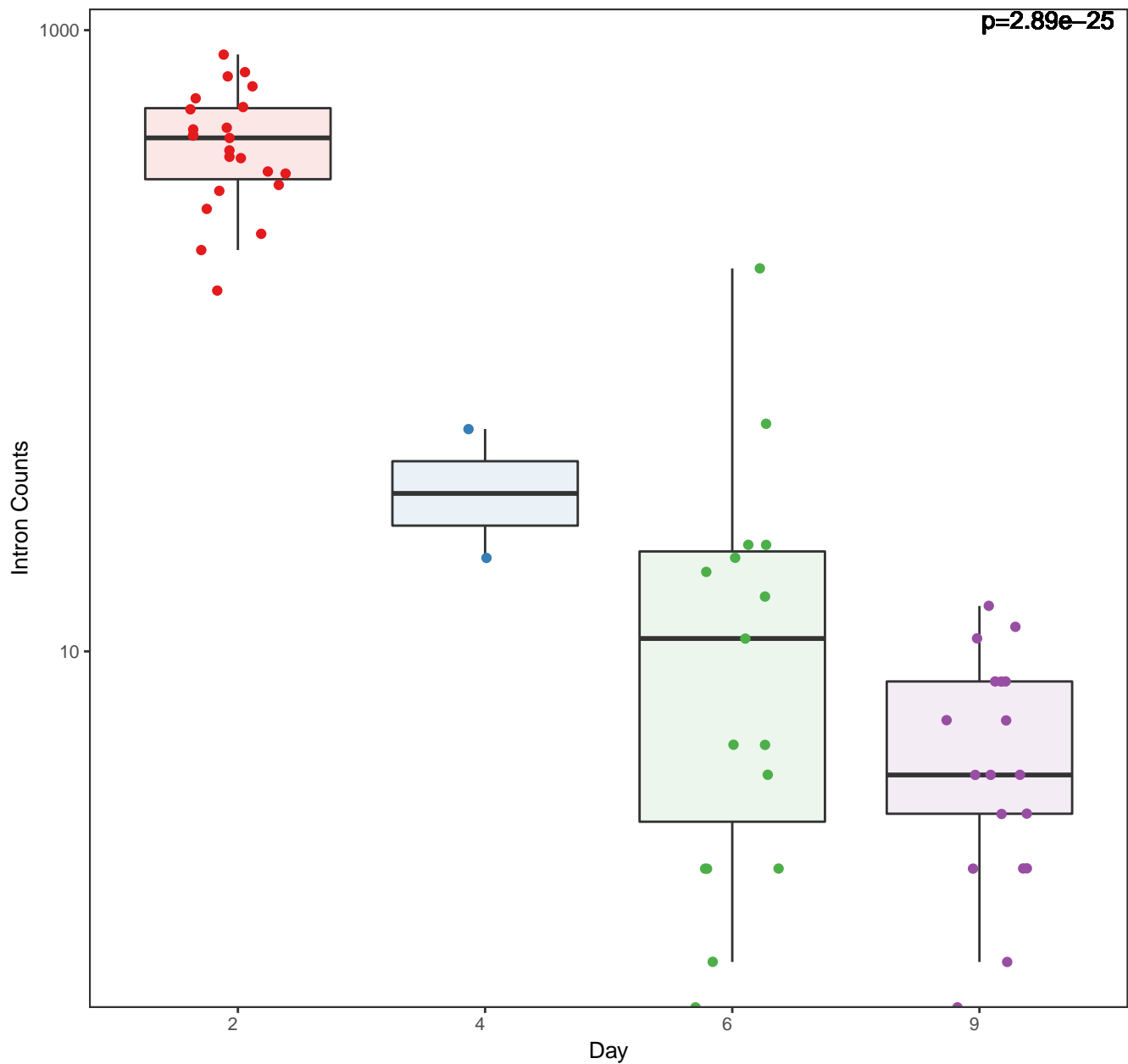




Accelerated Dorsal Differentiation Intron:  
ENSG00000251603

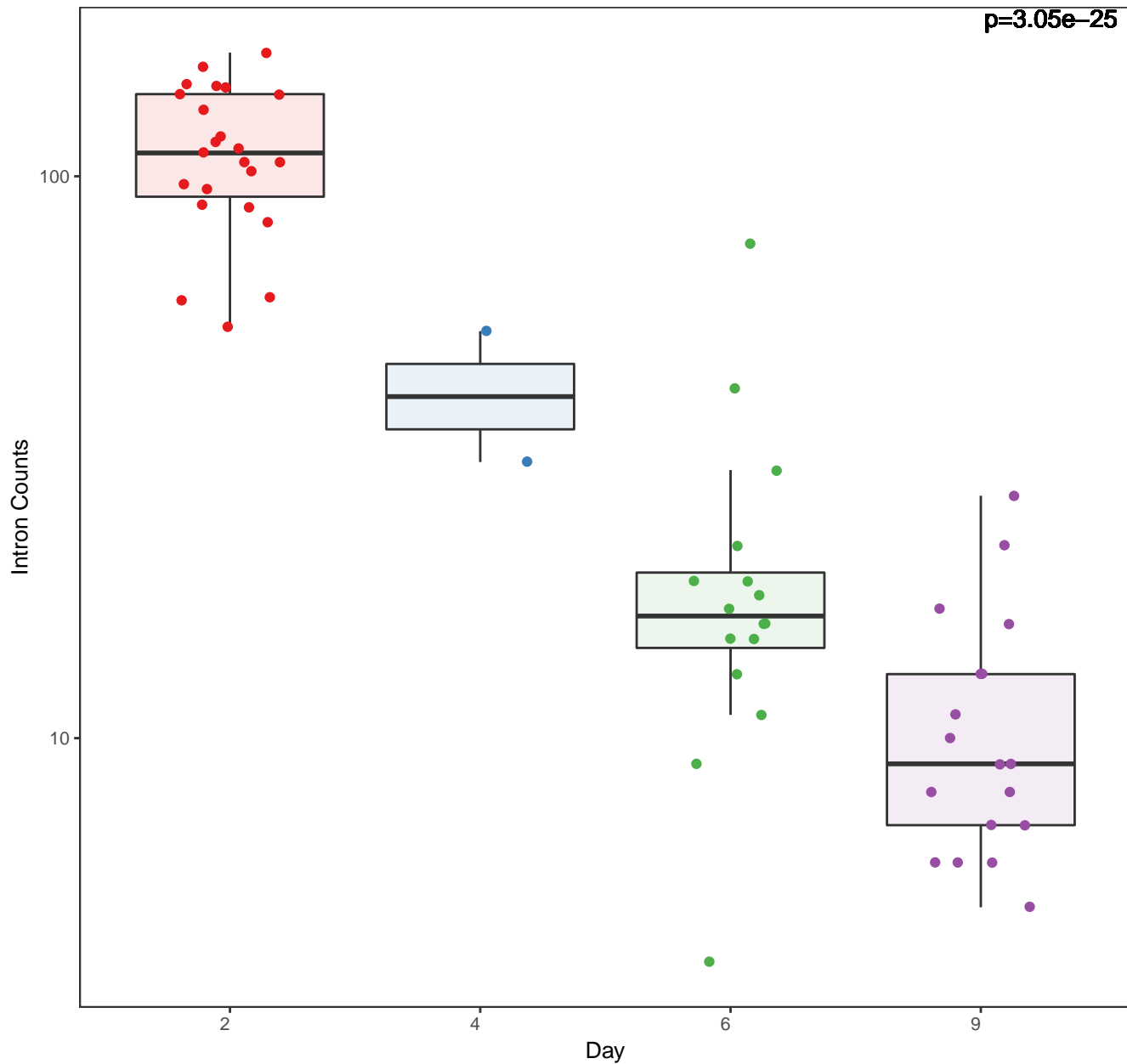


# Accelerated Dorsal Differentiation Intron: LAD1



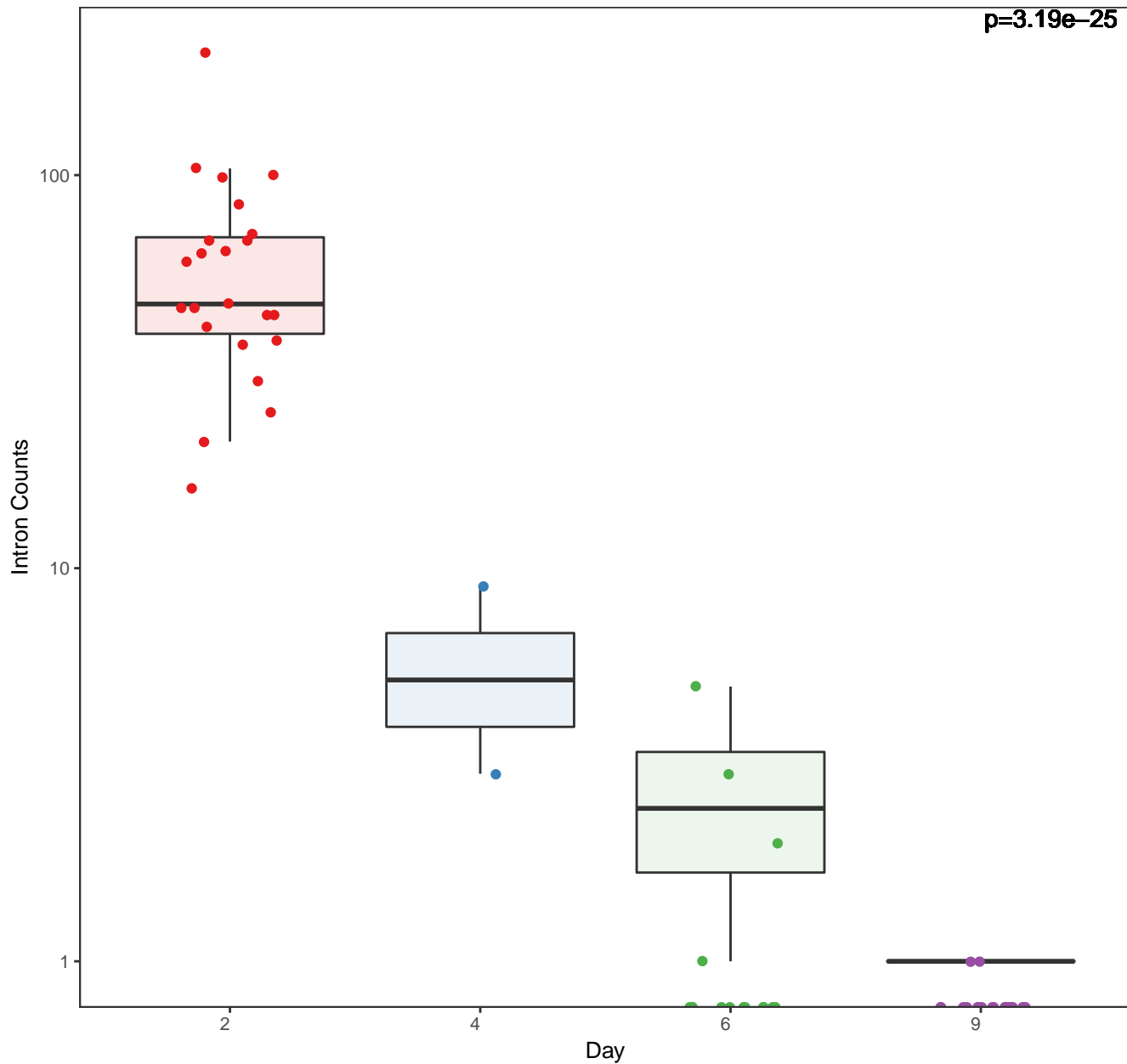
# Accelerated Dorsal Differentiation Intron: BNC2

$p=3.05e-25$

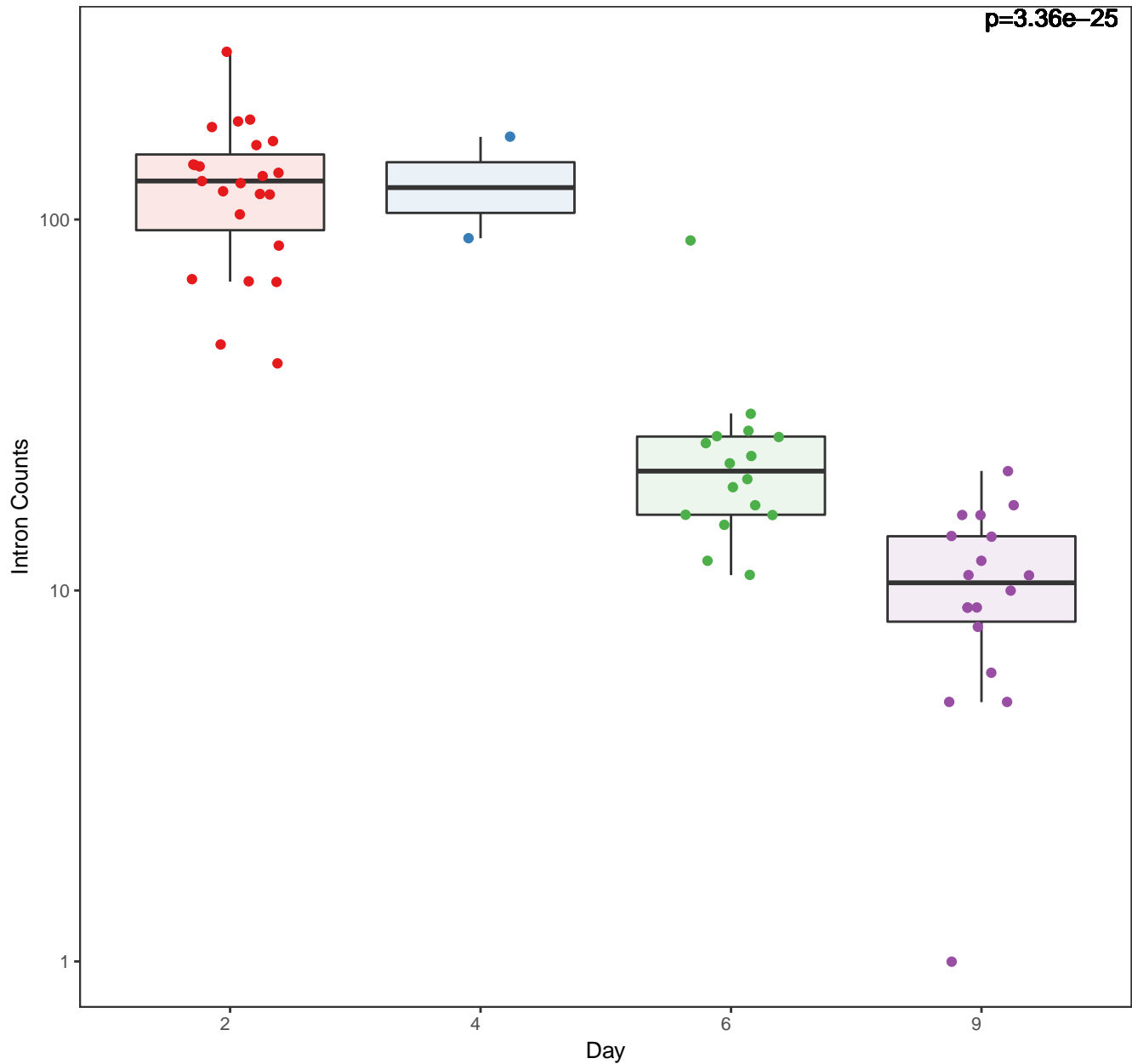


Accelerated Dorsal Differentiation Intron:  
ENSG00000232301

$p=3.19e-25$



# Accelerated Dorsal Differentiation Intron: GPC4



# Accelerated Dorsal Differentiation Intron: RRBP1

$p=3.49e-25$

Intron Counts

1000

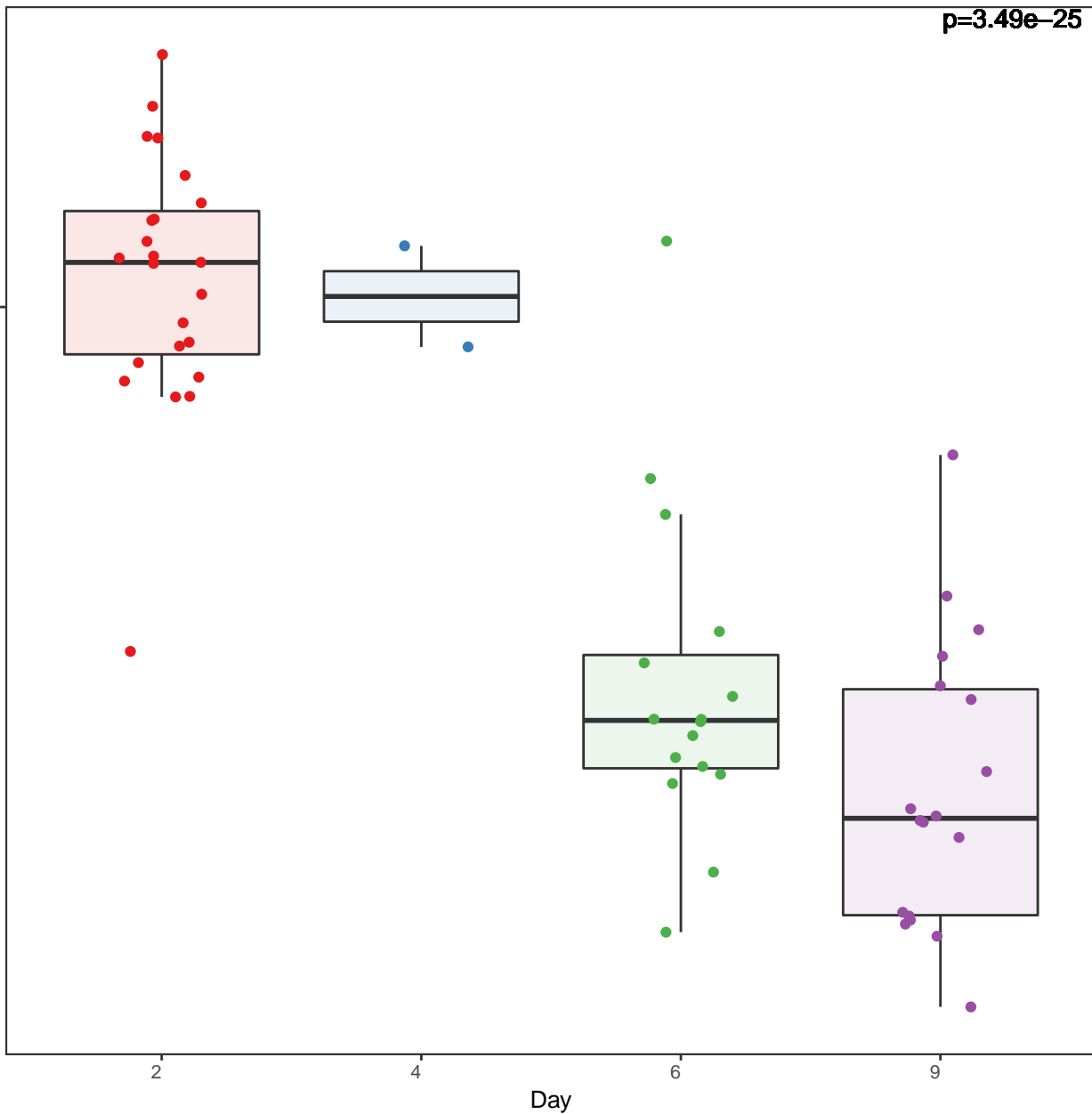
2

4

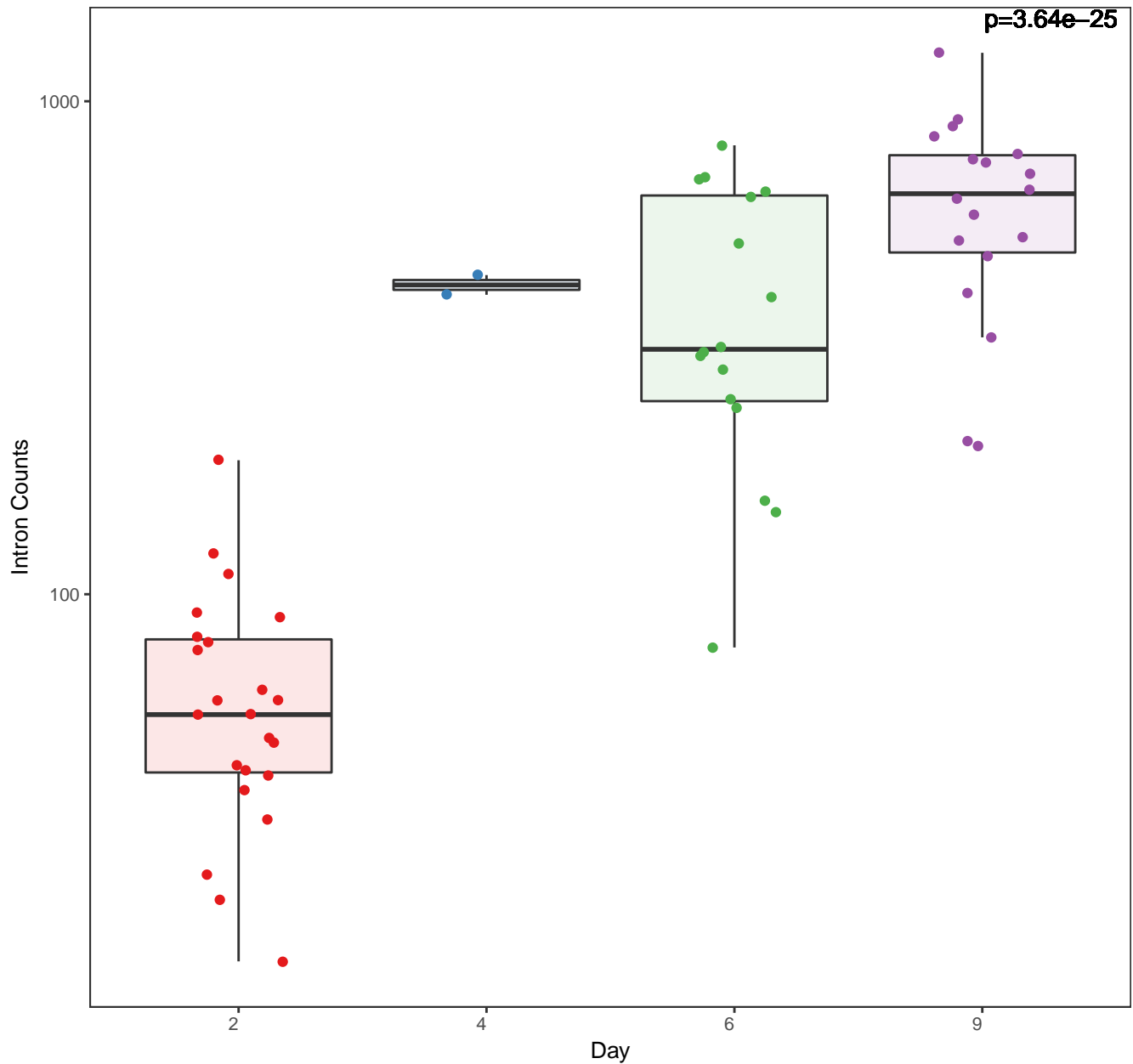
6

9

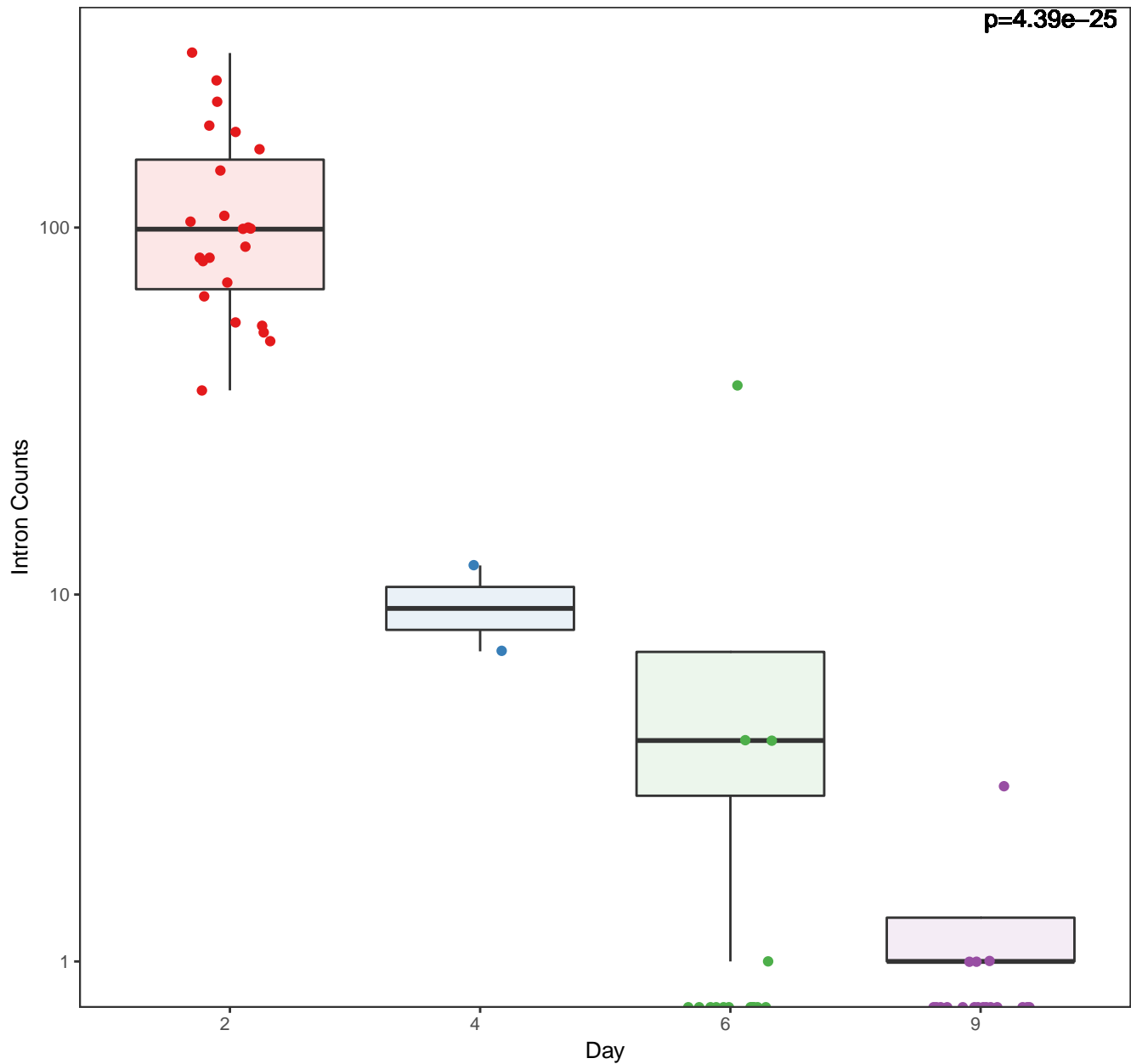
Day



# Accelerated Dorsal Differentiation Intron: CDH2

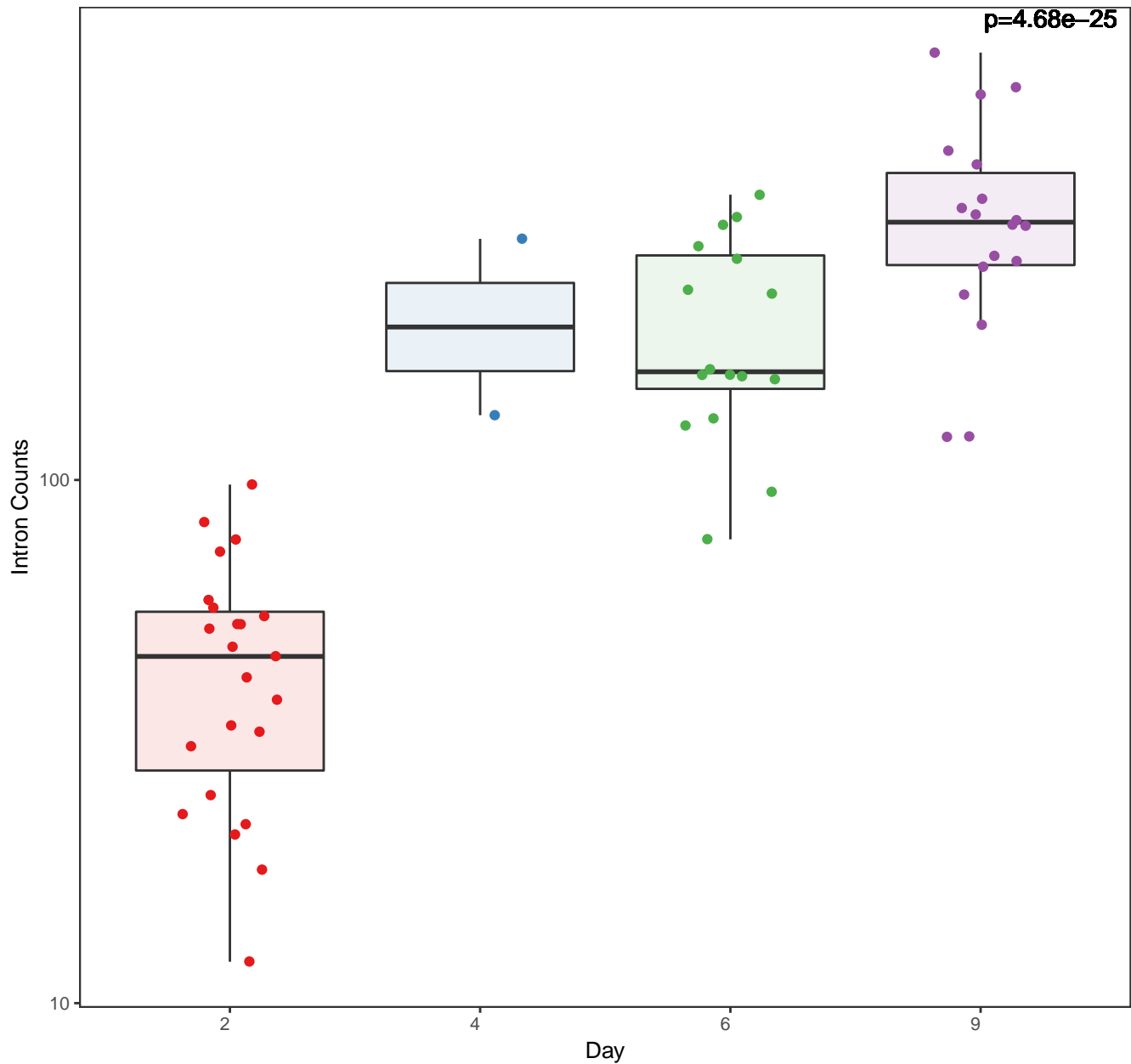


# Accelerated Dorsal Differentiation Intron: IDO1

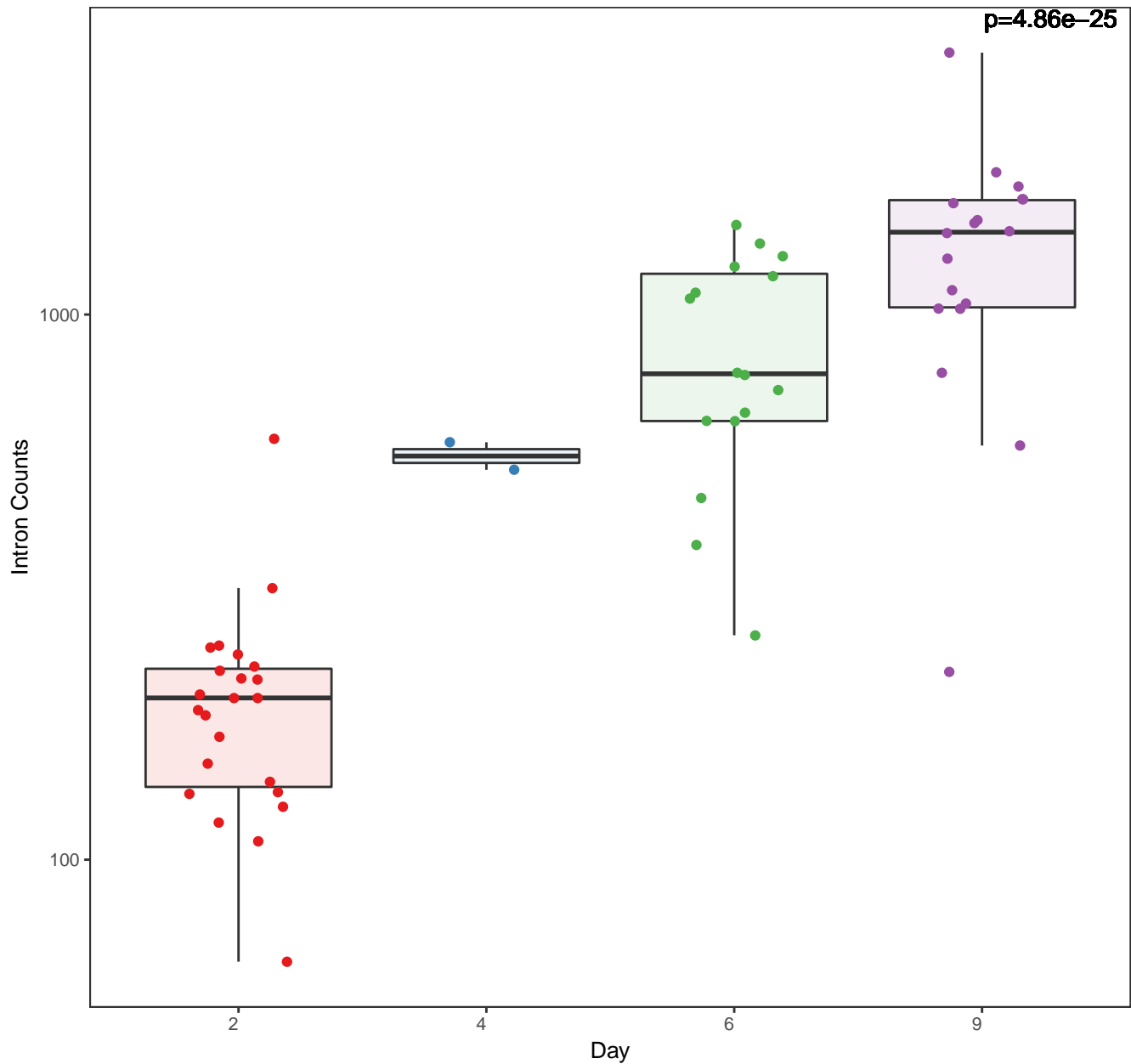




# Accelerated Dorsal Differentiation Intron: SCUBE3

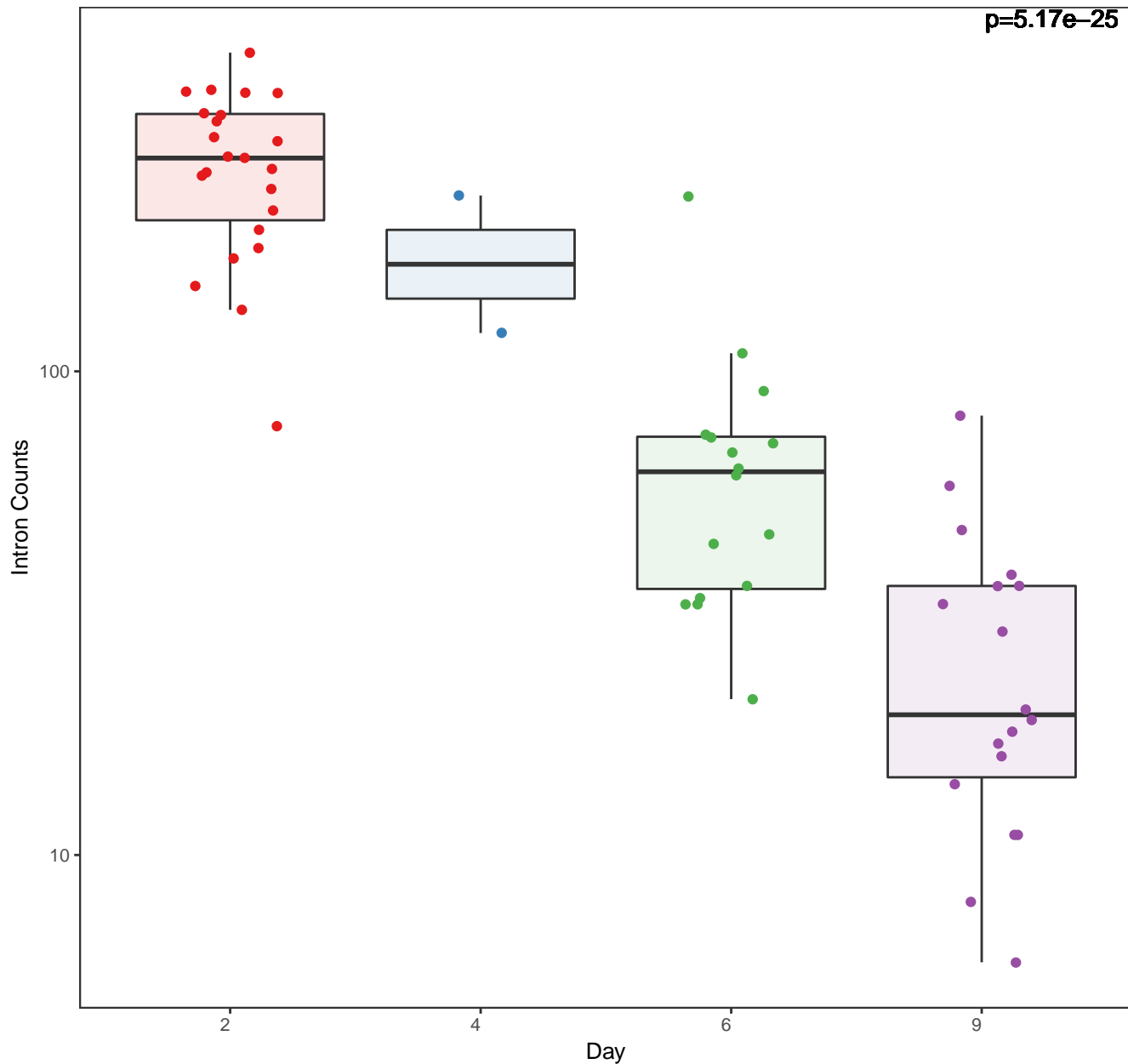


# Accelerated Dorsal Differentiation Intron: TSPAN18

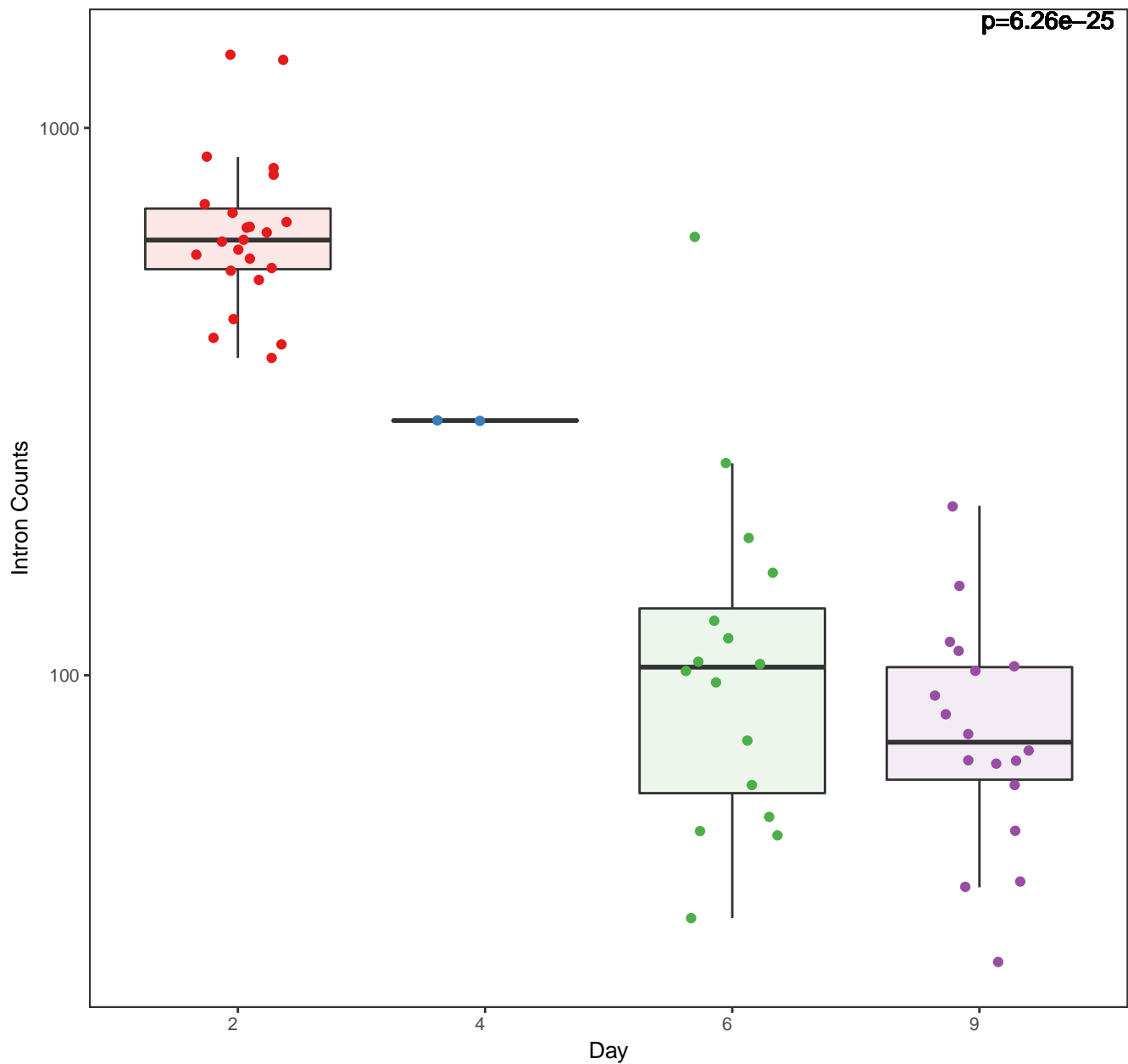


# Accelerated Dorsal Differentiation Intron: APOC1

$p=5.17e-25$



# Accelerated Dorsal Differentiation Intron: EPB41L4B

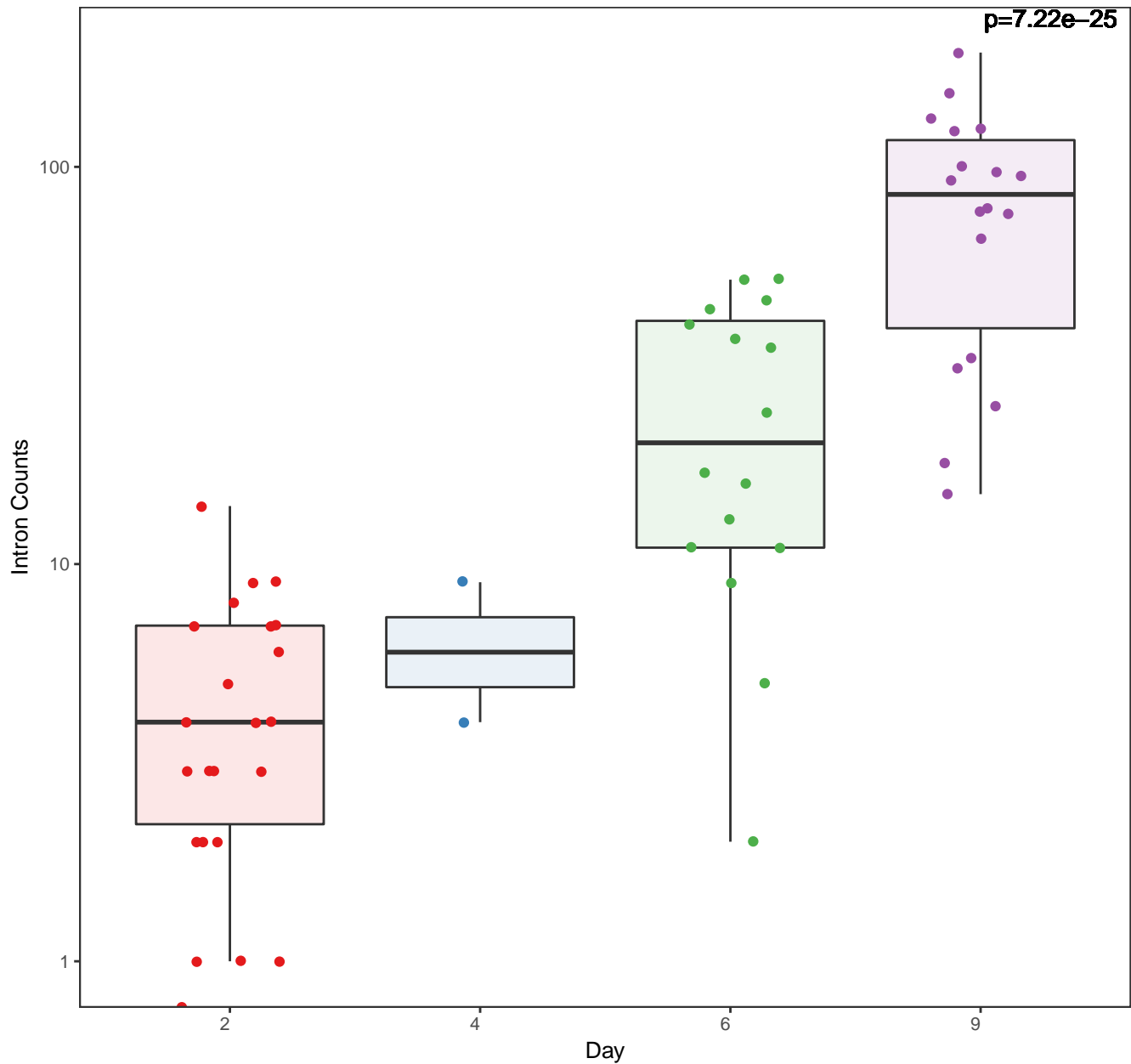


# GLB1L3

**p=6.27e-25**

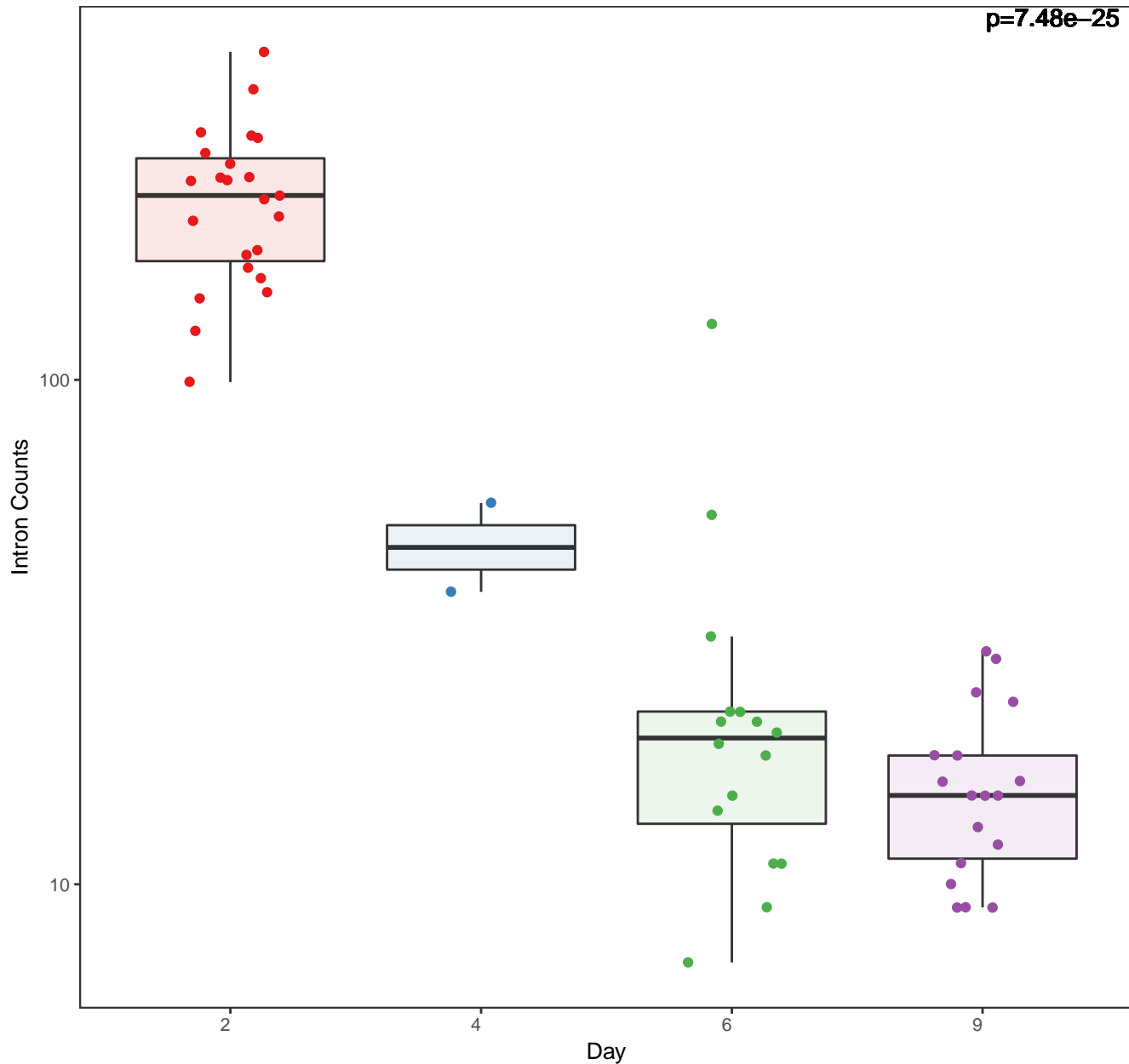


# Accelerated Dorsal Differentiation Intron: TBC1D9



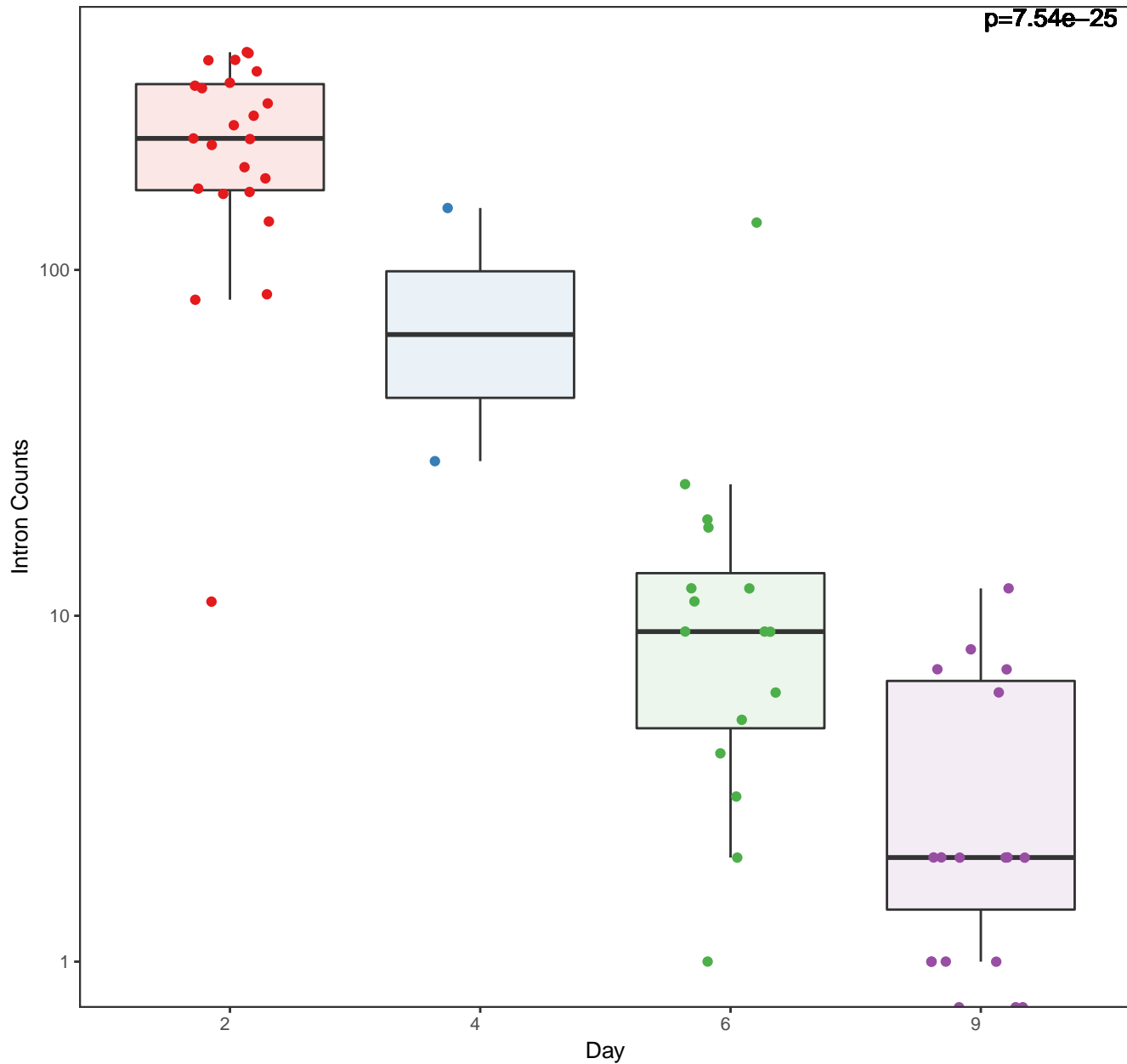
# Accelerated Dorsal Differentiation Intron: ZDHHC23

$p=7.48e-25$



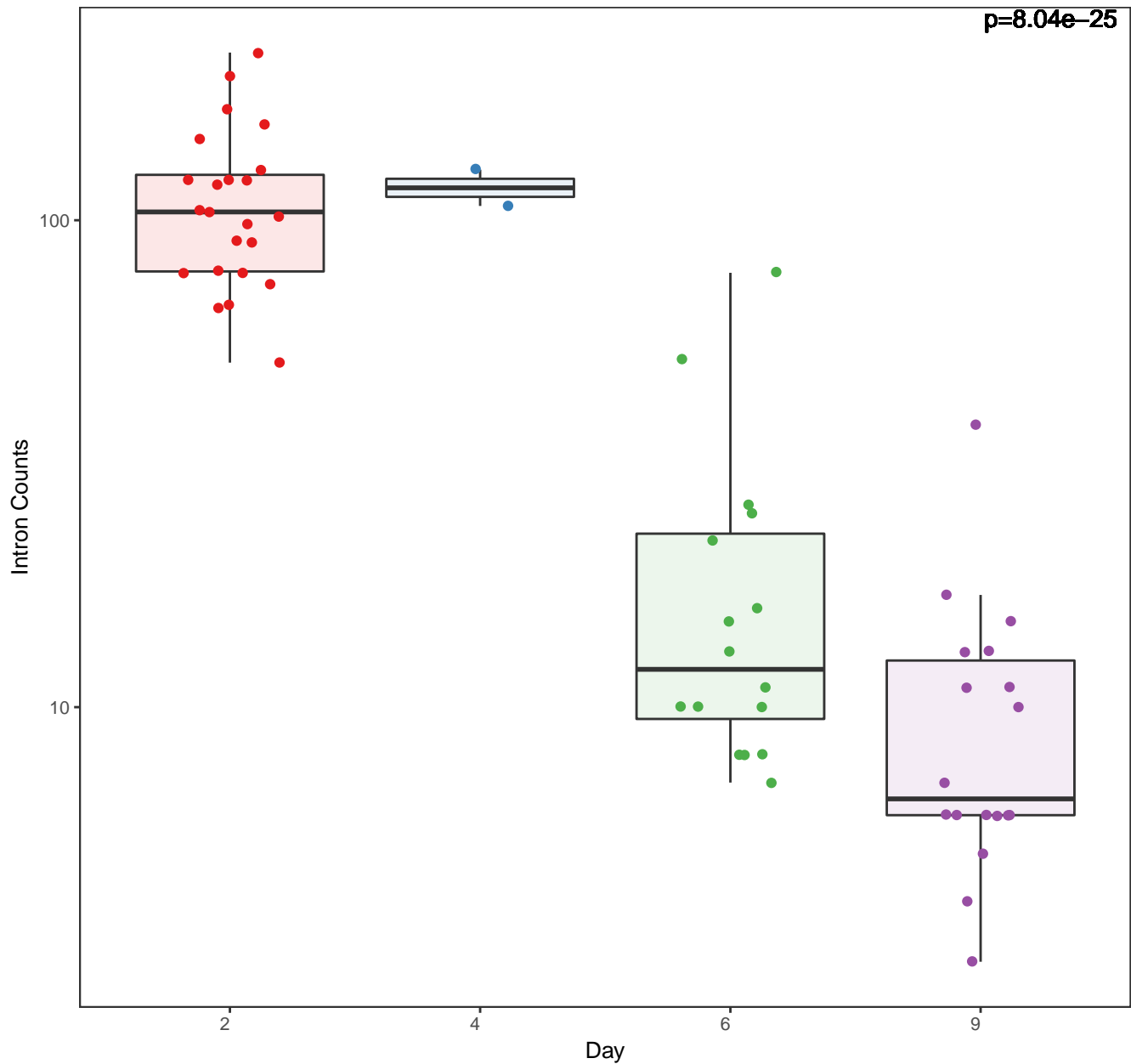
## Accelerated Dorsal Differentiation Intron: VIL1

**p=7.54e-25**



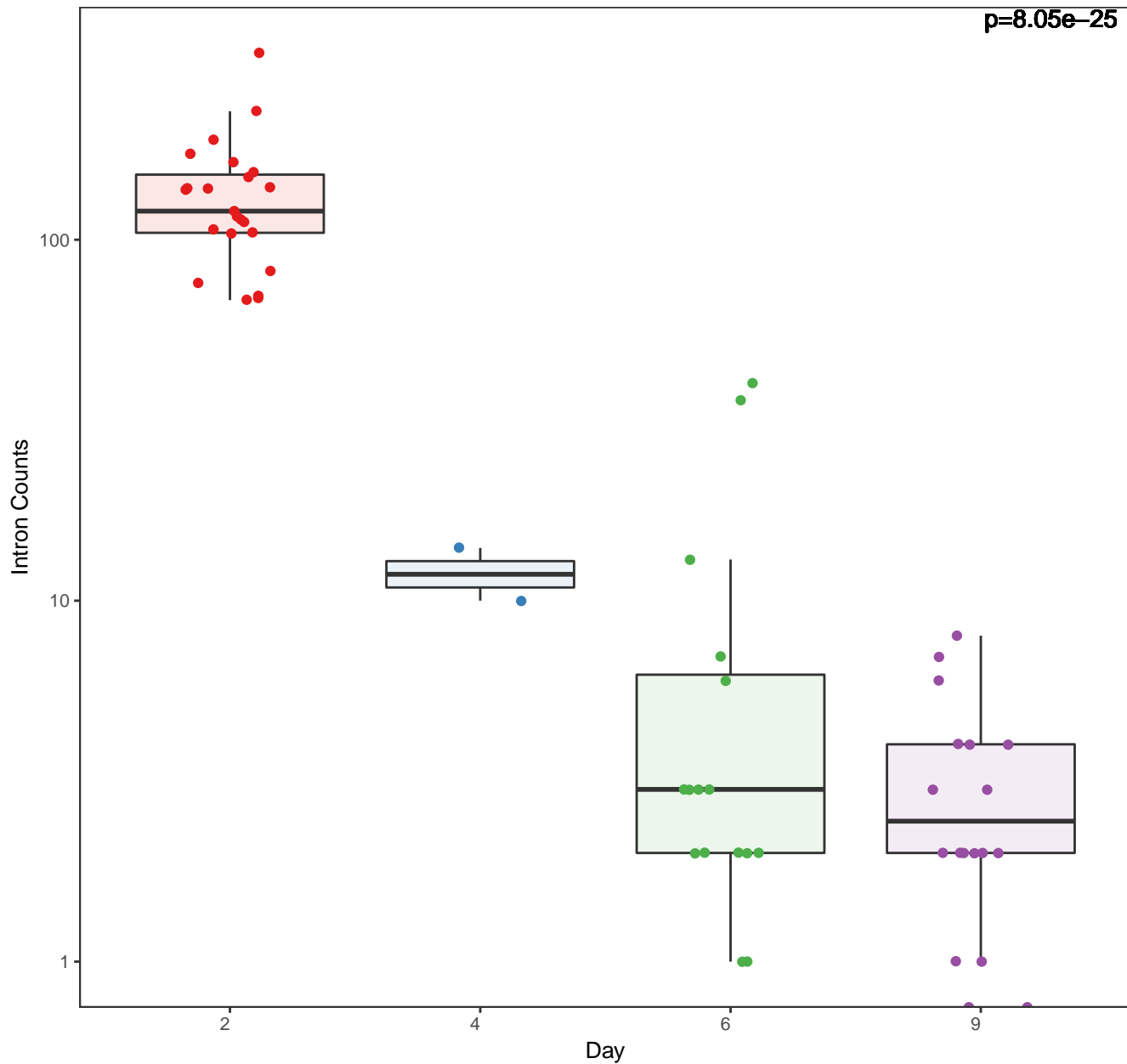


# Accelerated Dorsal Differentiation Intron: STEAP2

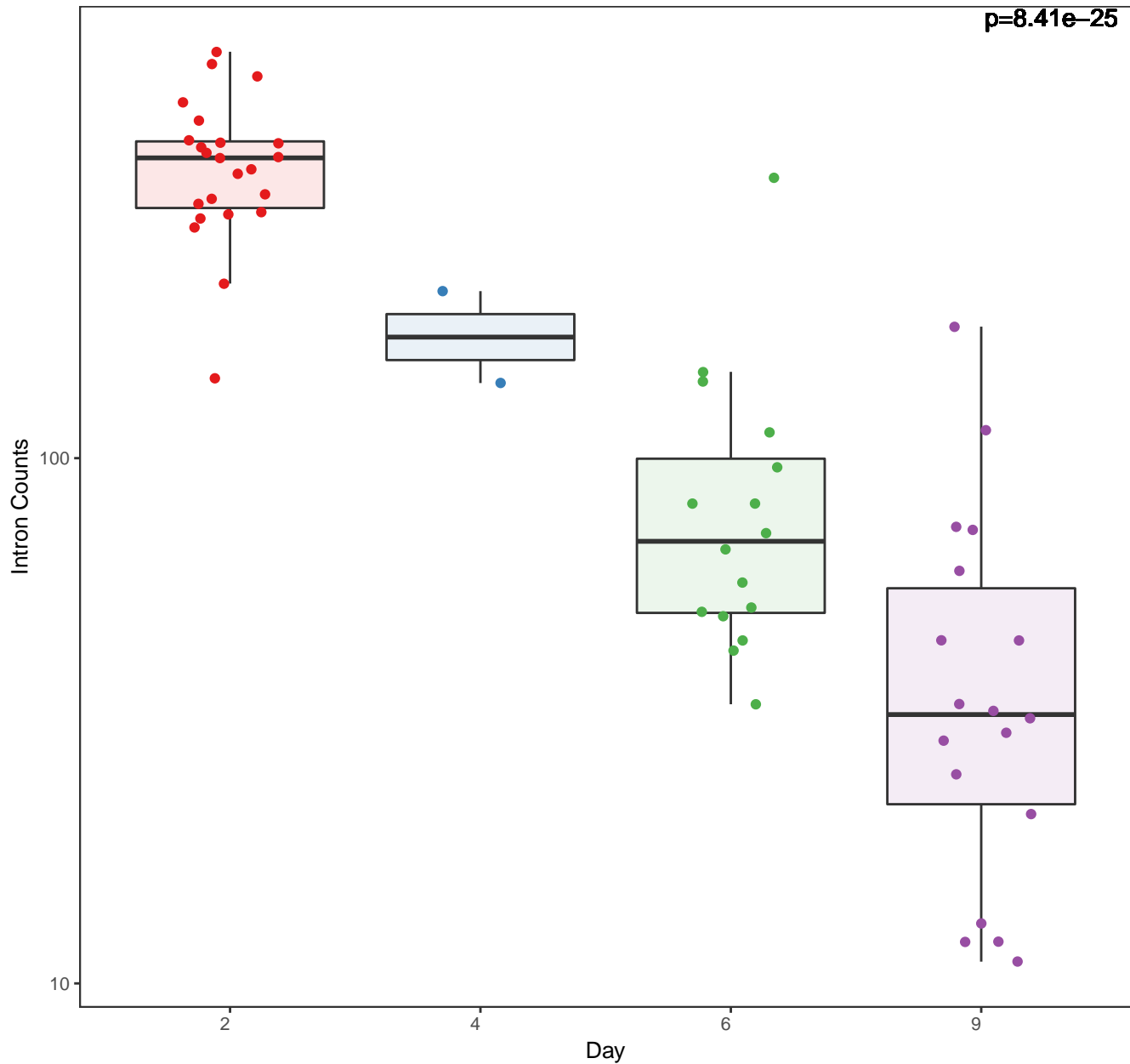


# Accelerated Dorsal Differentiation Intron: ADCY5

$p=8.05e-25$

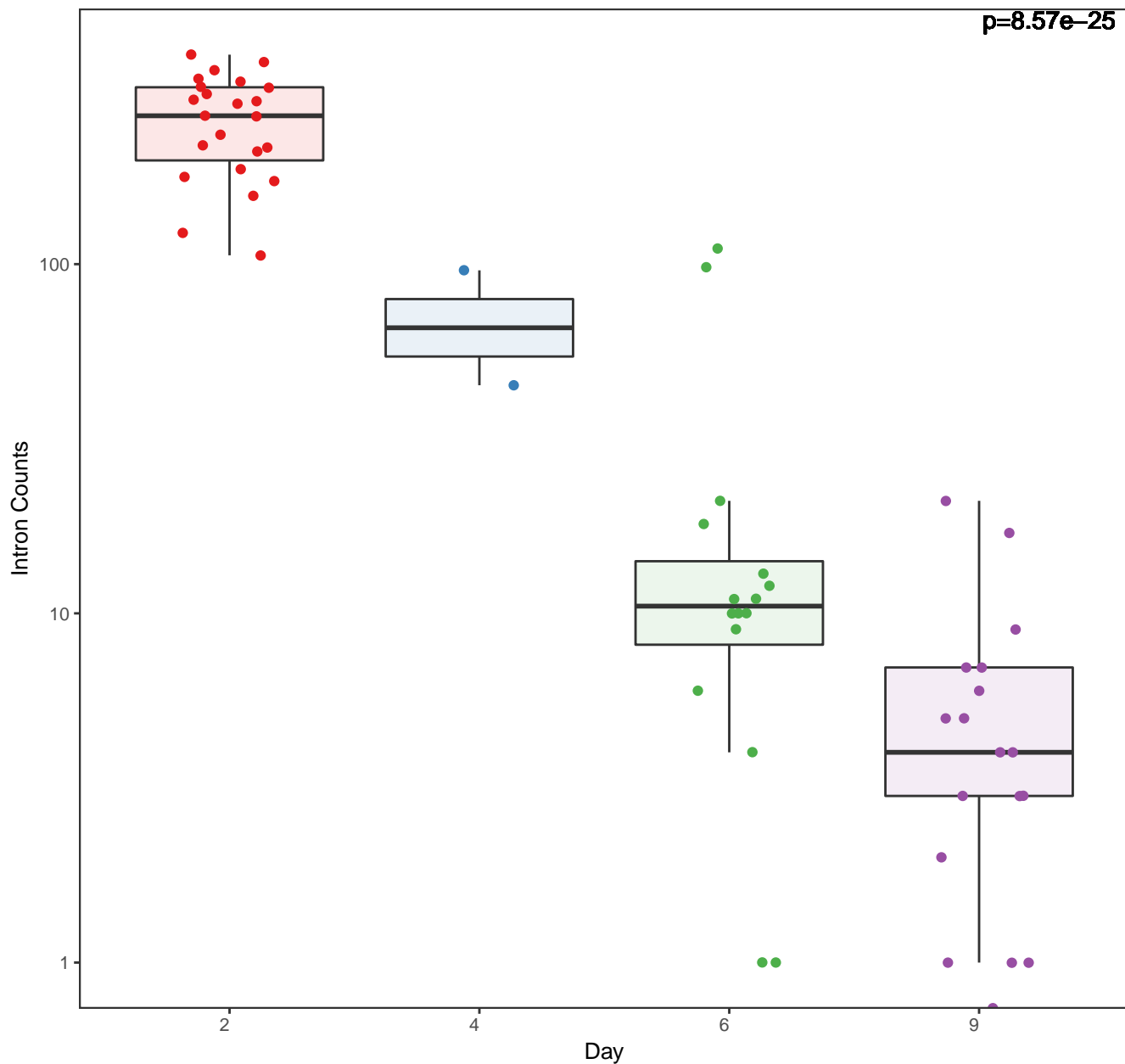


# Accelerated Dorsal Differentiation Intron: RPARP-AS1



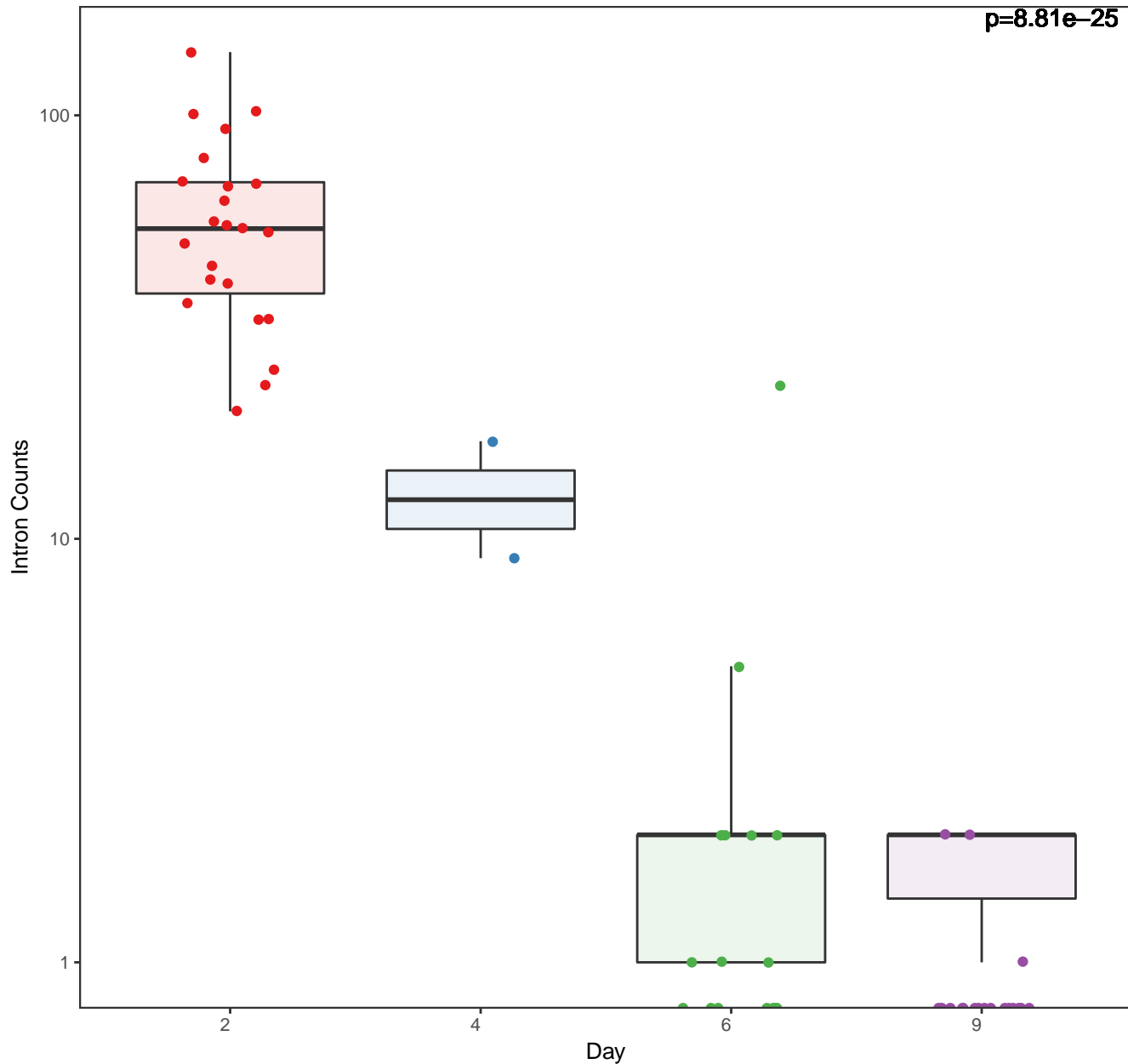
# Accelerated Dorsal Differentiation Intron: NMRK2

$p=8.57e-25$

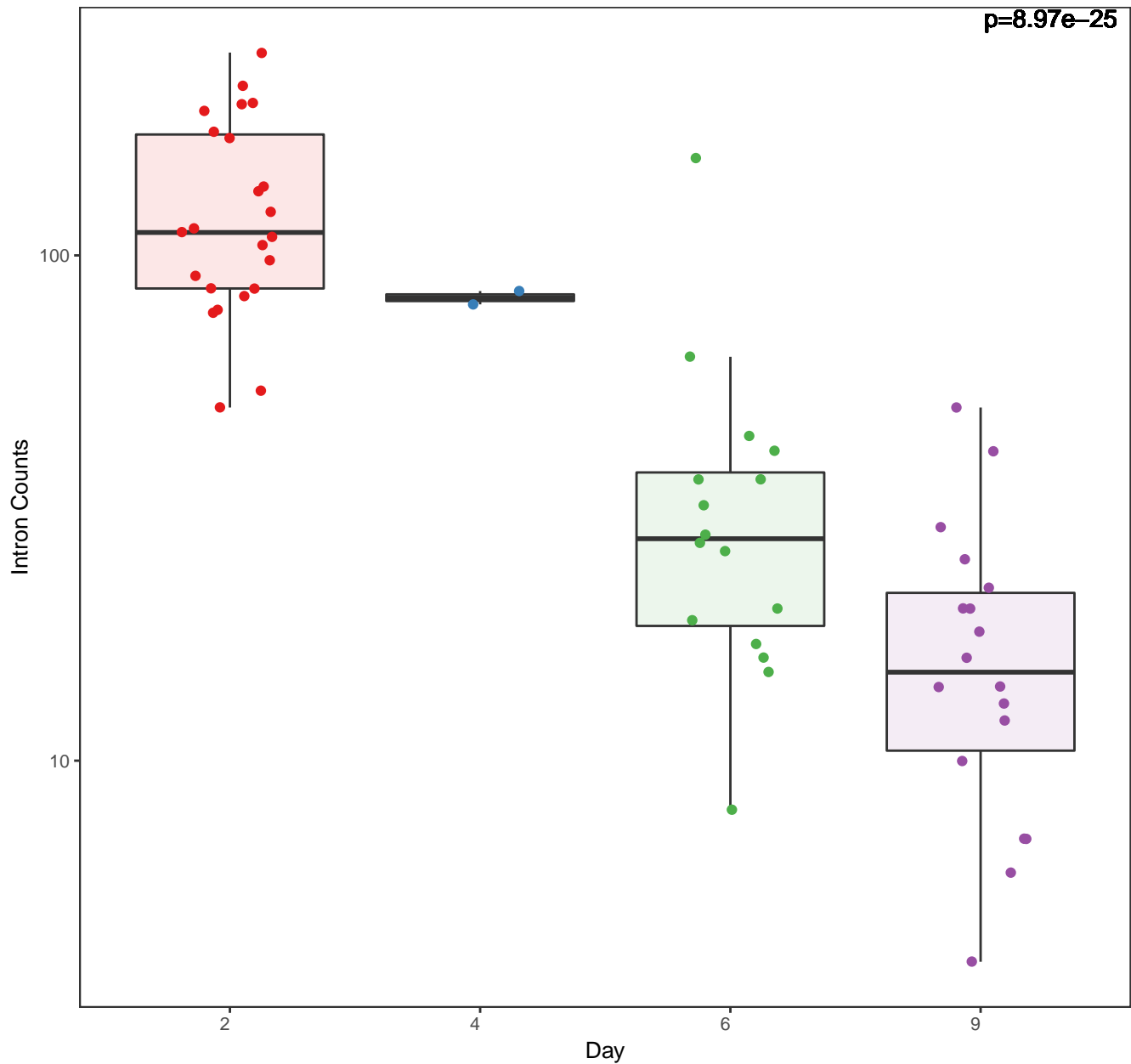


# Accelerated Dorsal Differentiation Intron: FLT1

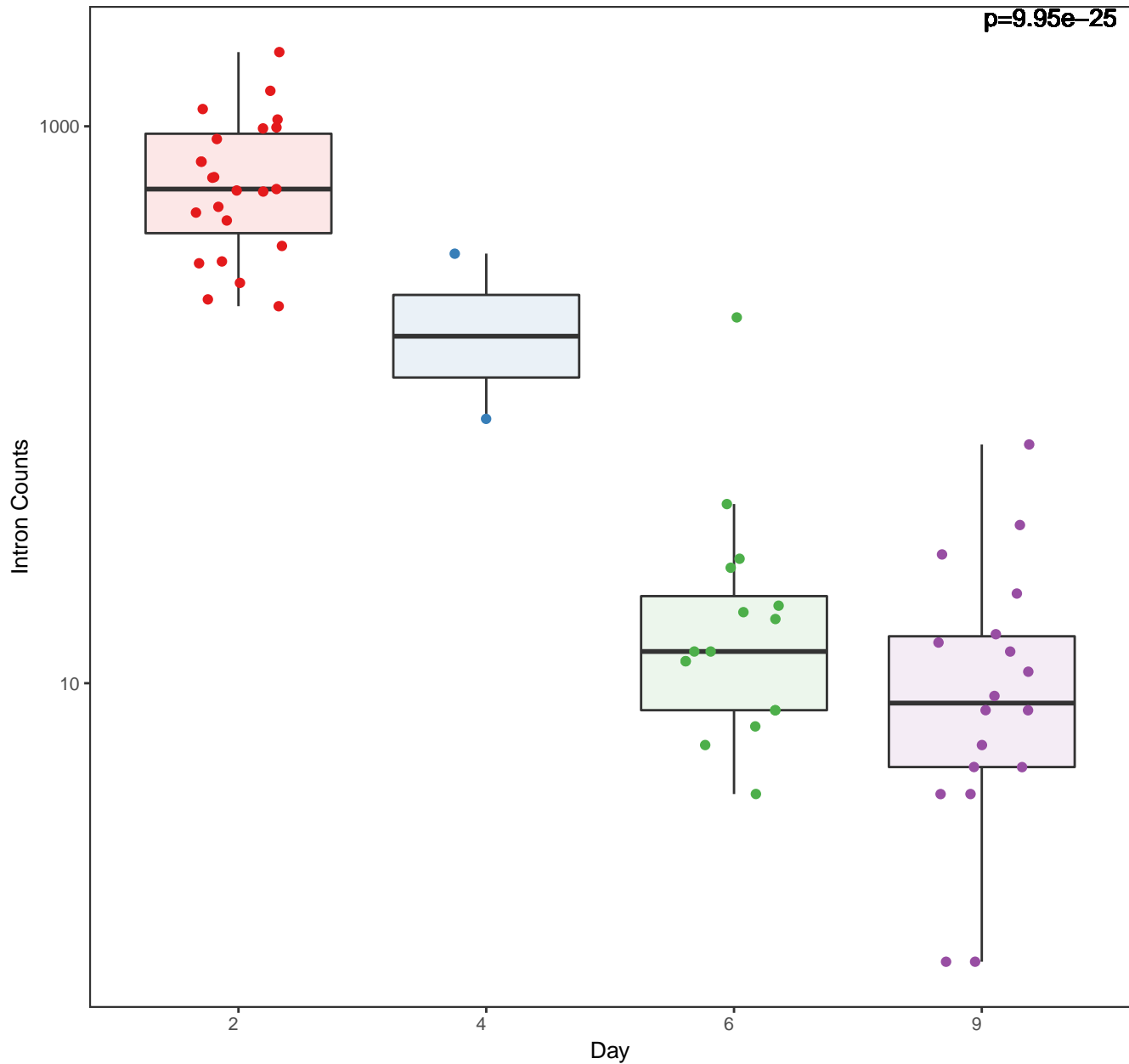
$p=8.81e-25$



# Accelerated Dorsal Differentiation Intron: DNMT3B

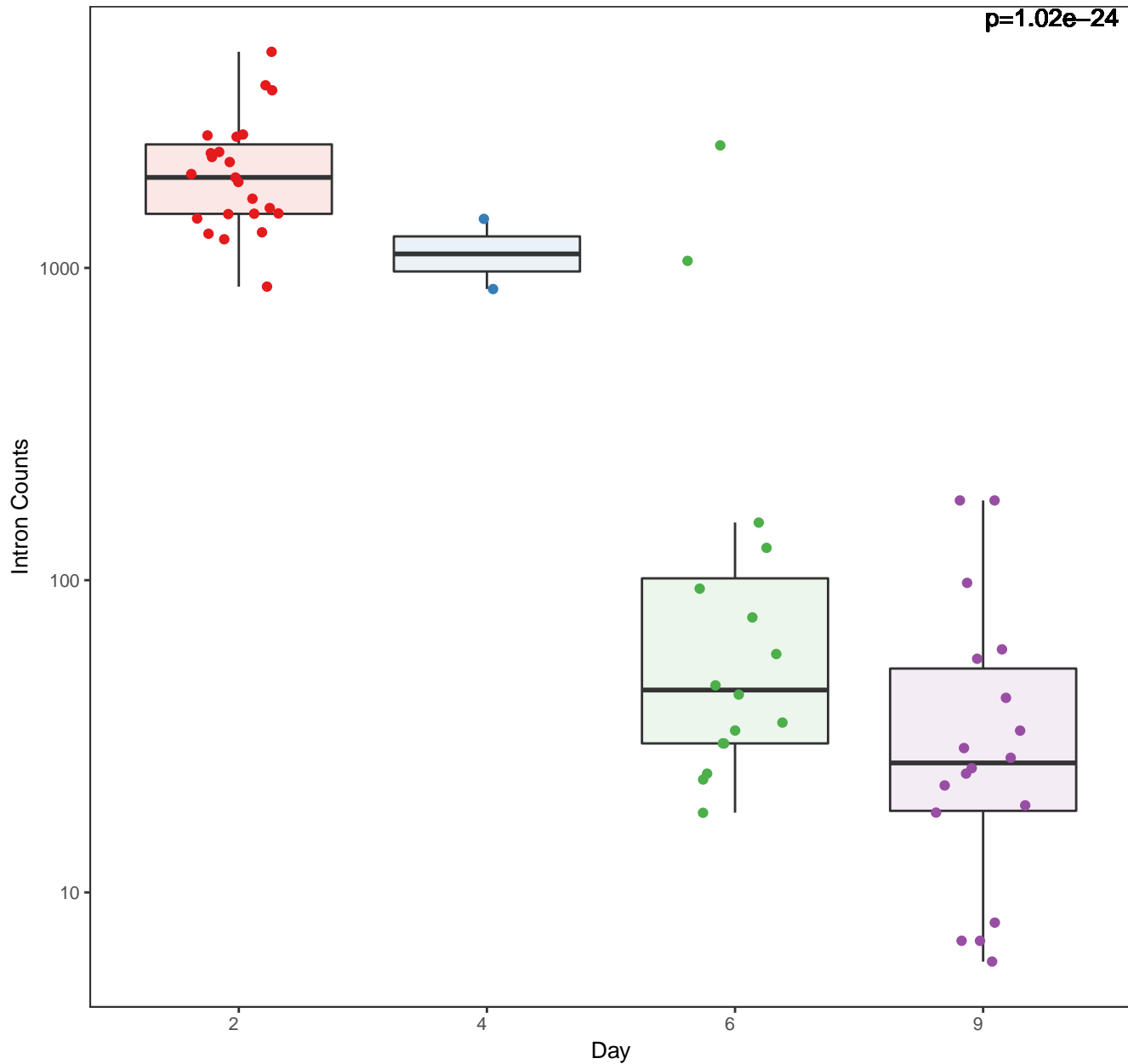


# Accelerated Dorsal Differentiation Intron: APELA



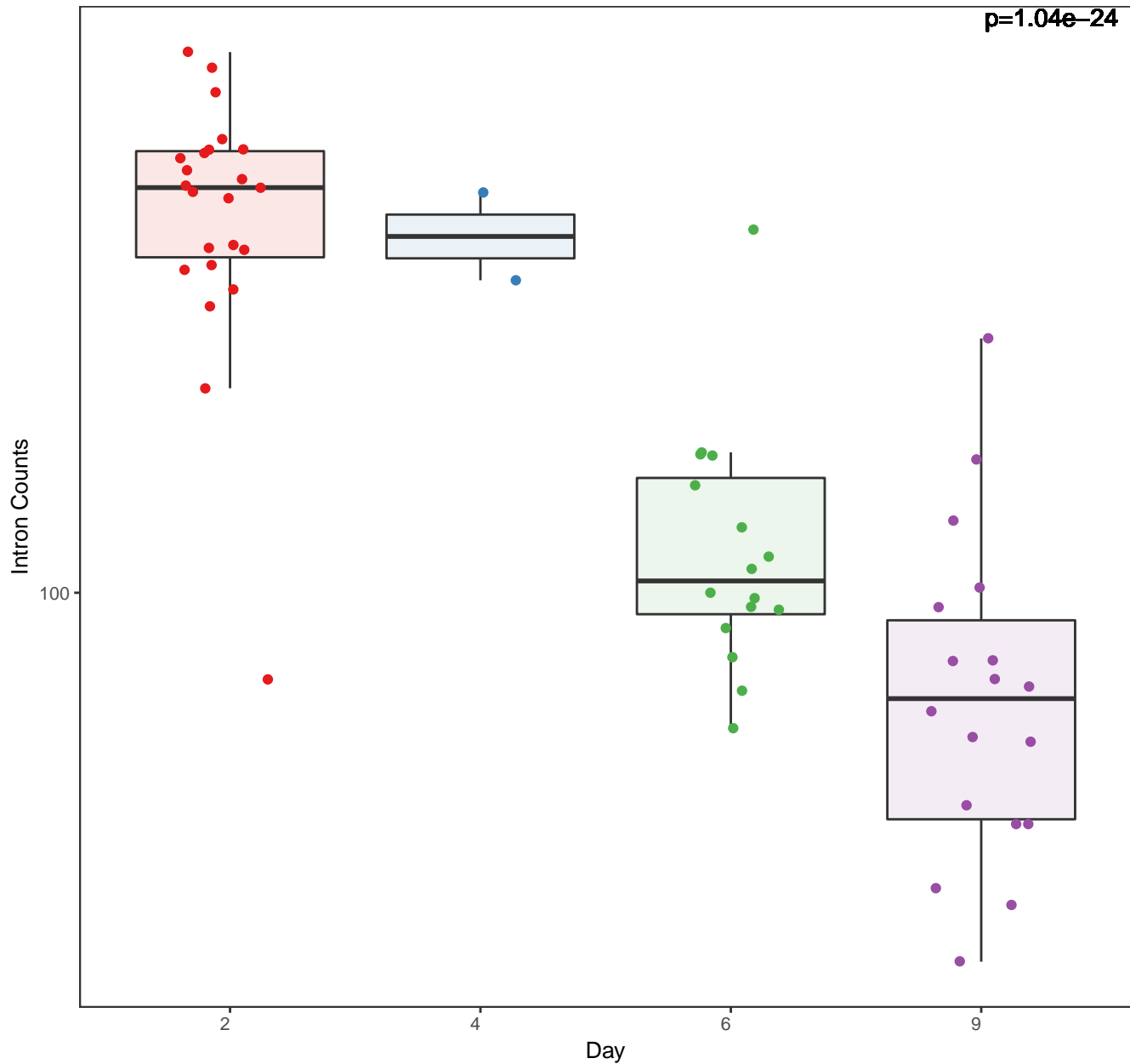
# Accelerated Dorsal Differentiation Intron: DNMT3B

$p=1.02e-24$

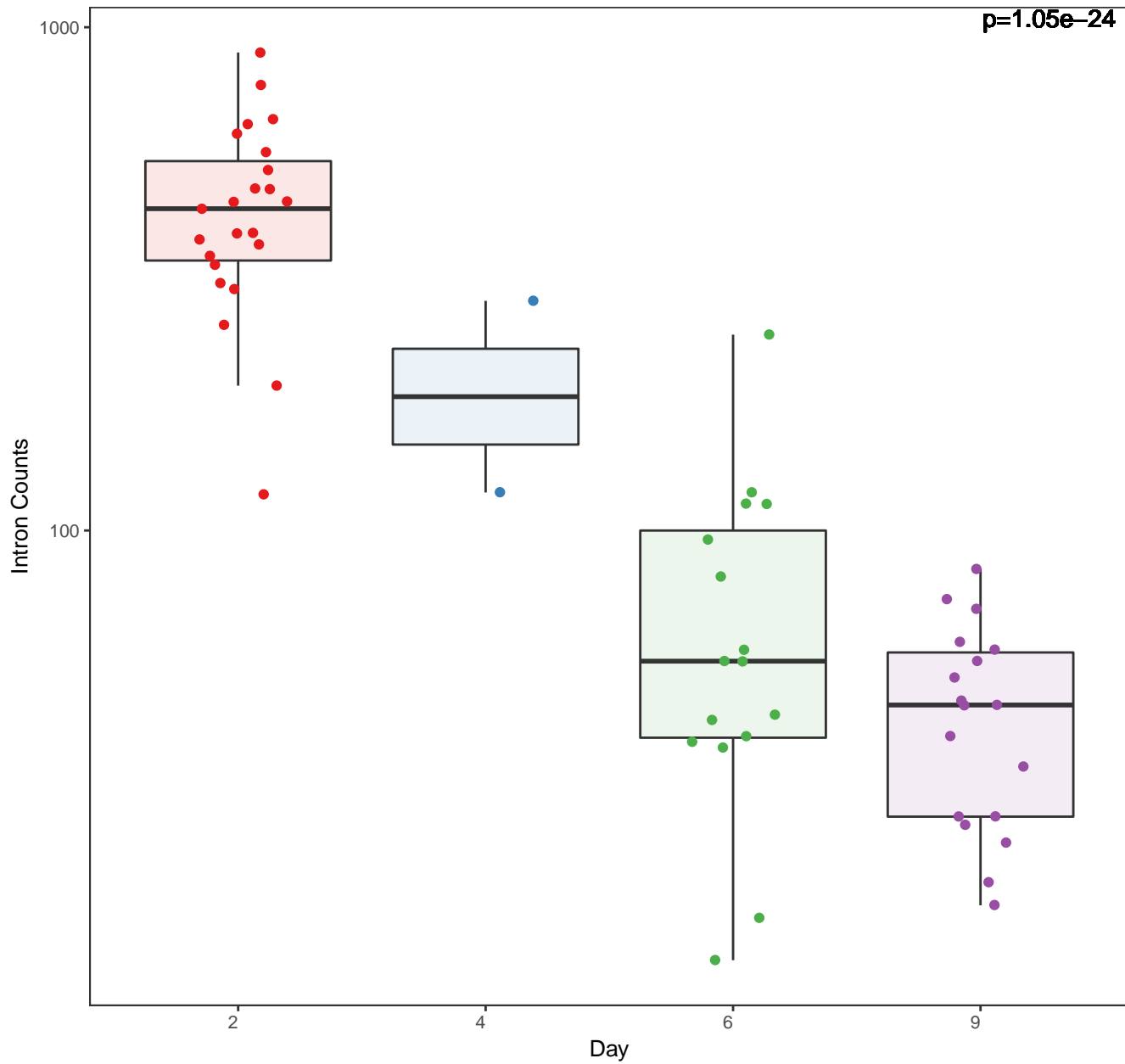




# Accelerated Dorsal Differentiation Intron: TRIM56

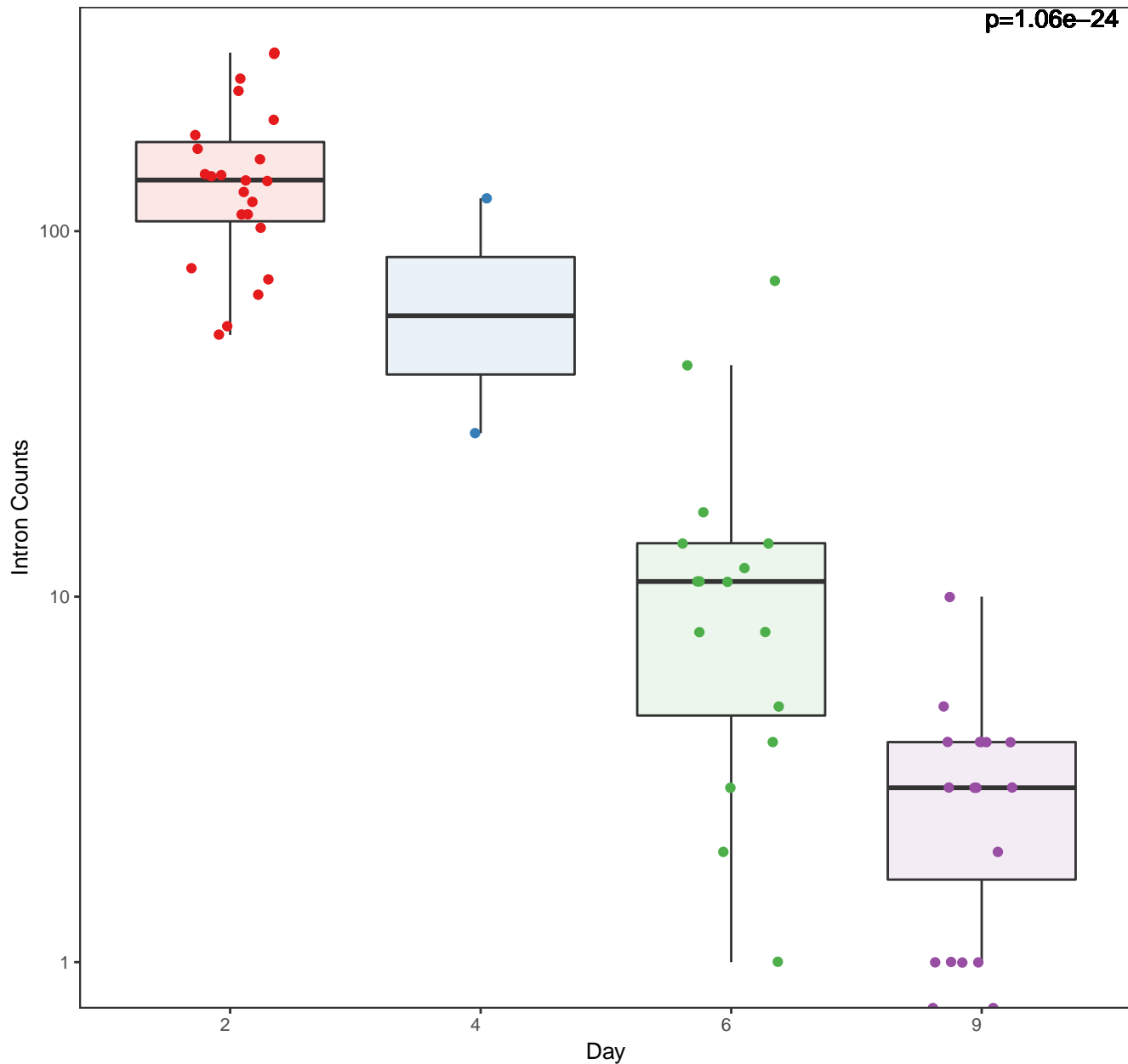


# Accelerated Dorsal Differentiation Intron: GABRB3

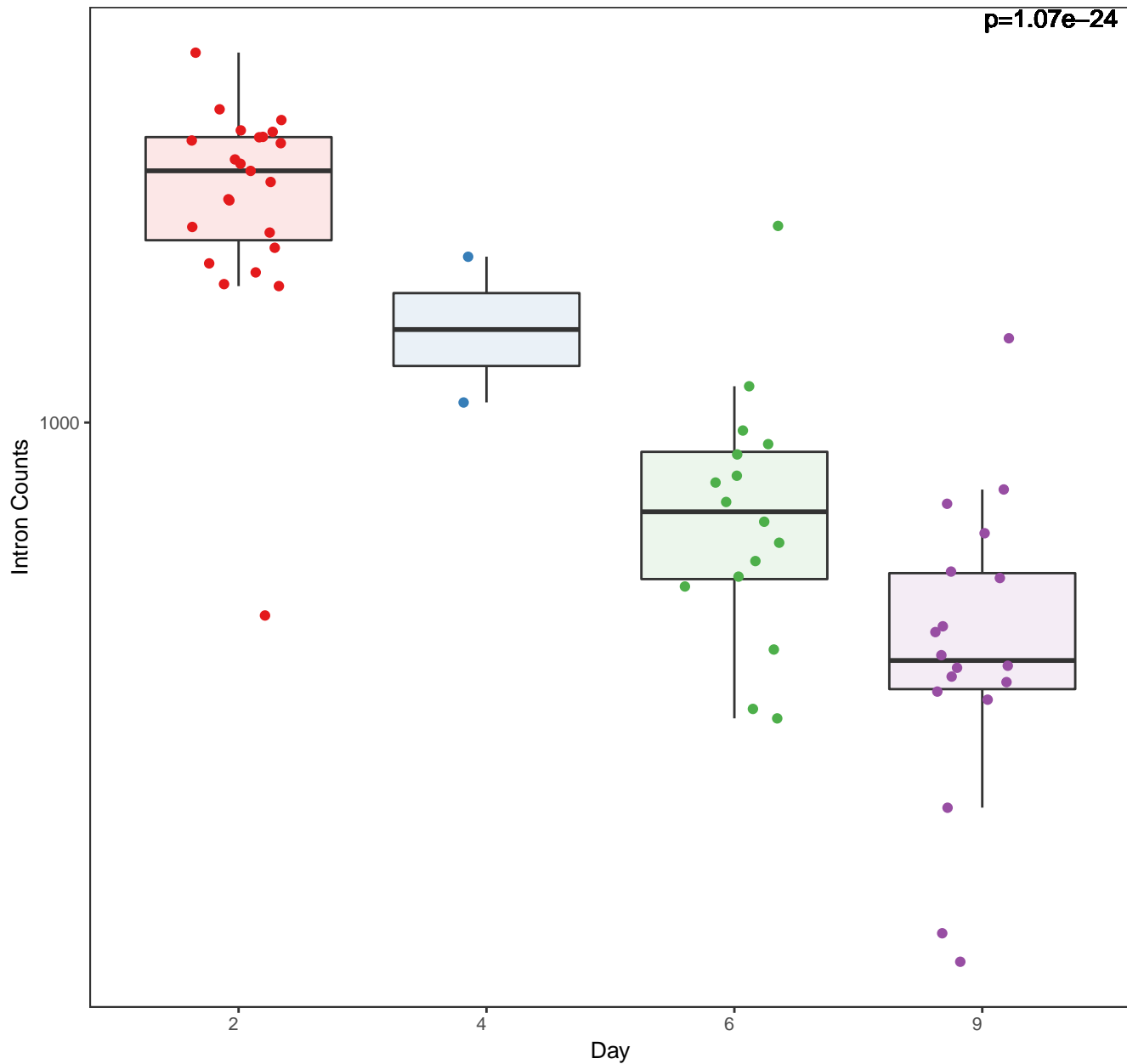


# Accelerated Dorsal Differentiation Intron: C1orf94

$p=1.06e-24$

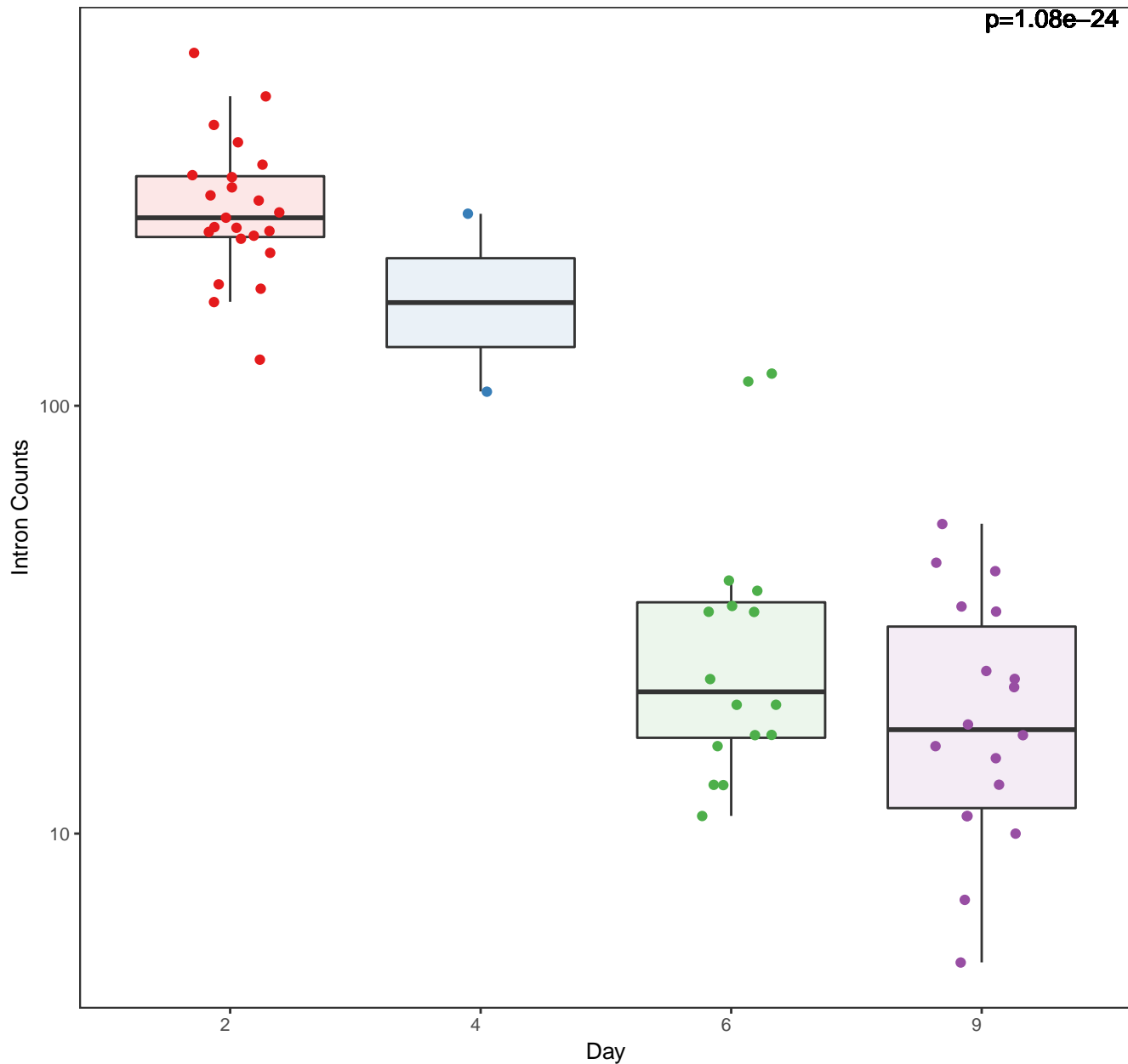


# Accelerated Dorsal Differentiation Intron: DHCR7

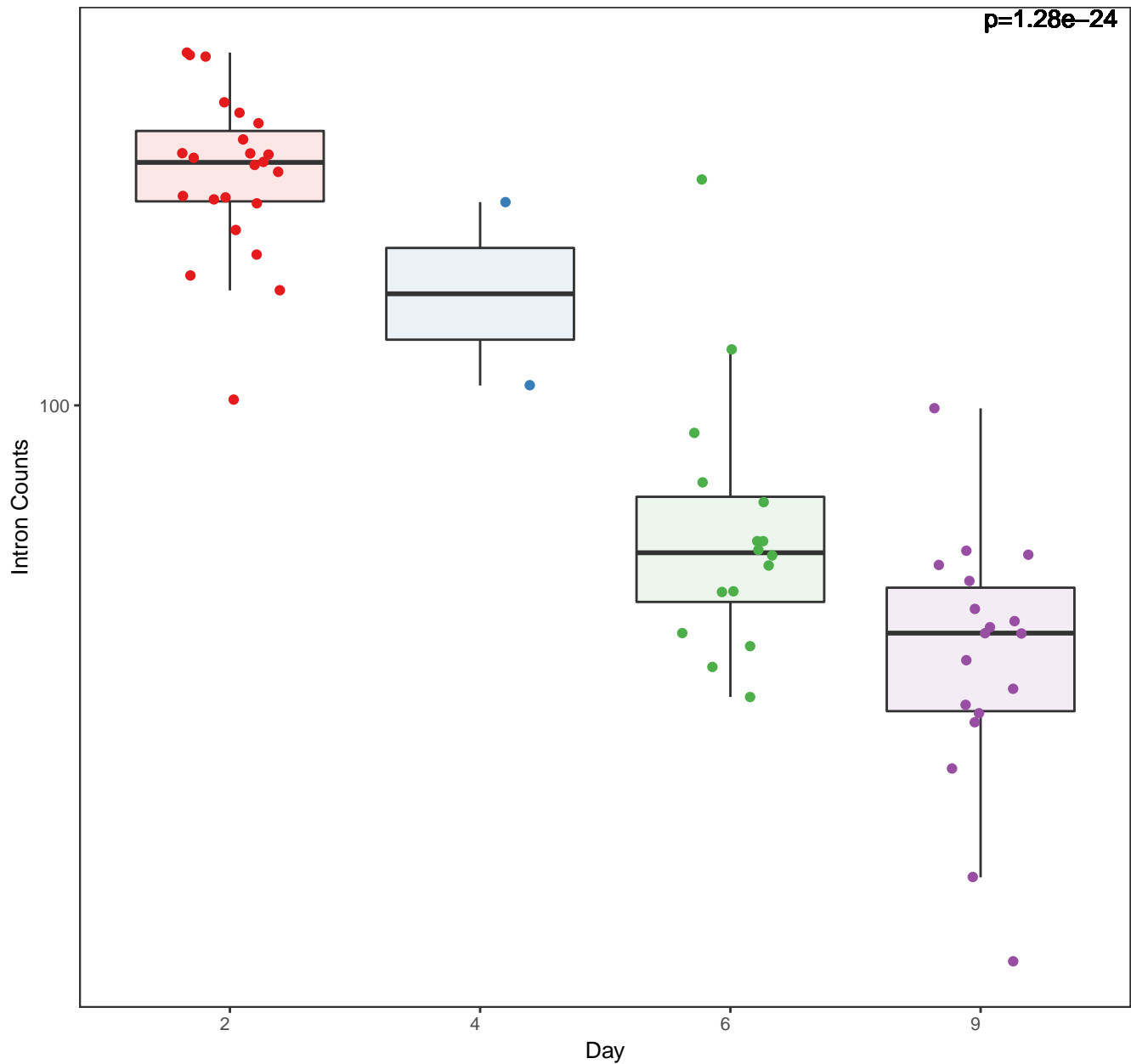


# Accelerated Dorsal Differentiation Intron: RBPMS2

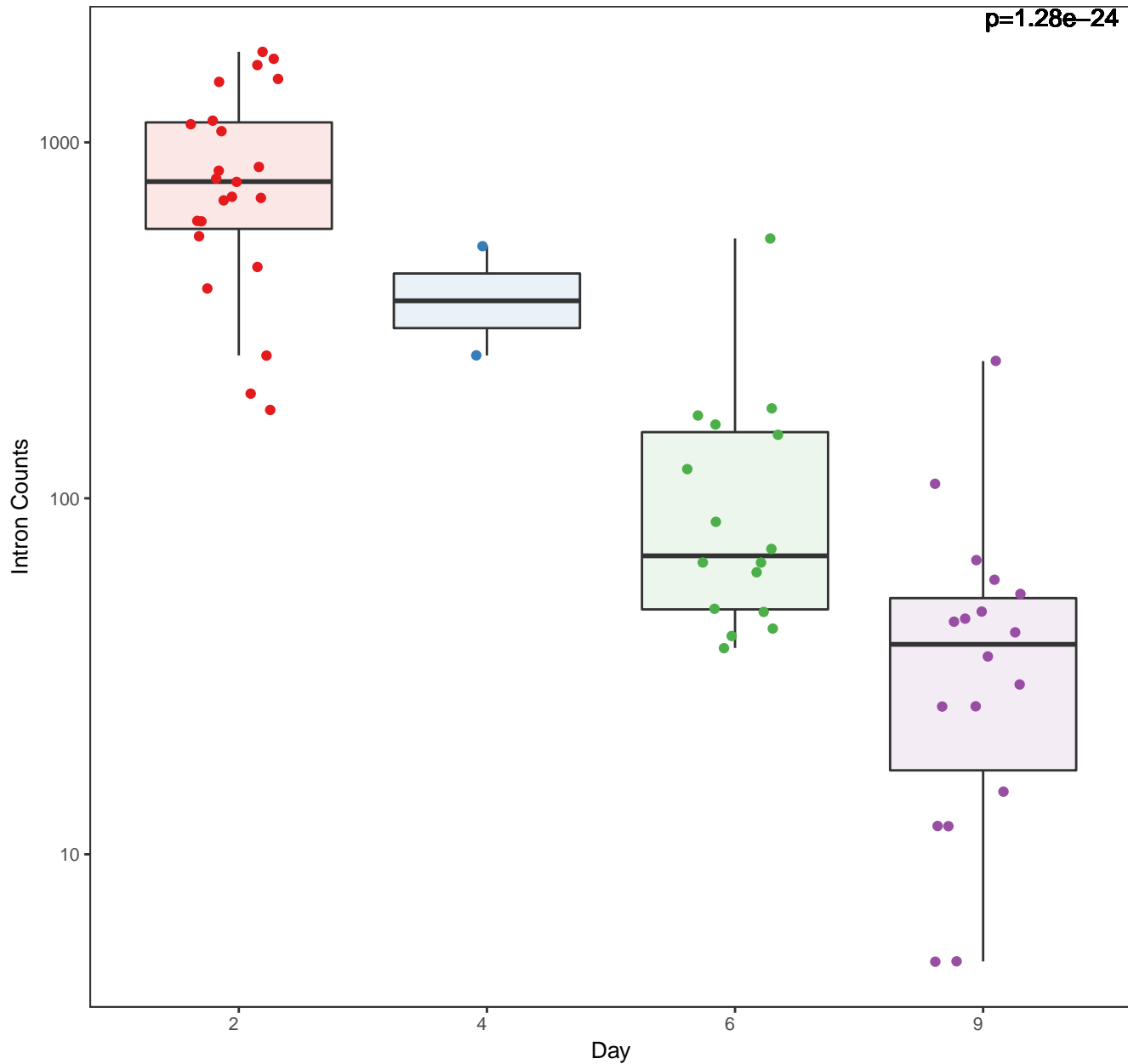
$p=1.08e-24$



# Accelerated Dorsal Differentiation Intron: LPCAT1



# Accelerated Dorsal Differentiation Intron: SLC38A5



# Accelerated Dorsal Differentiation Intron: ZBTB44

$p=1.4e-24$

Intron Counts

1000

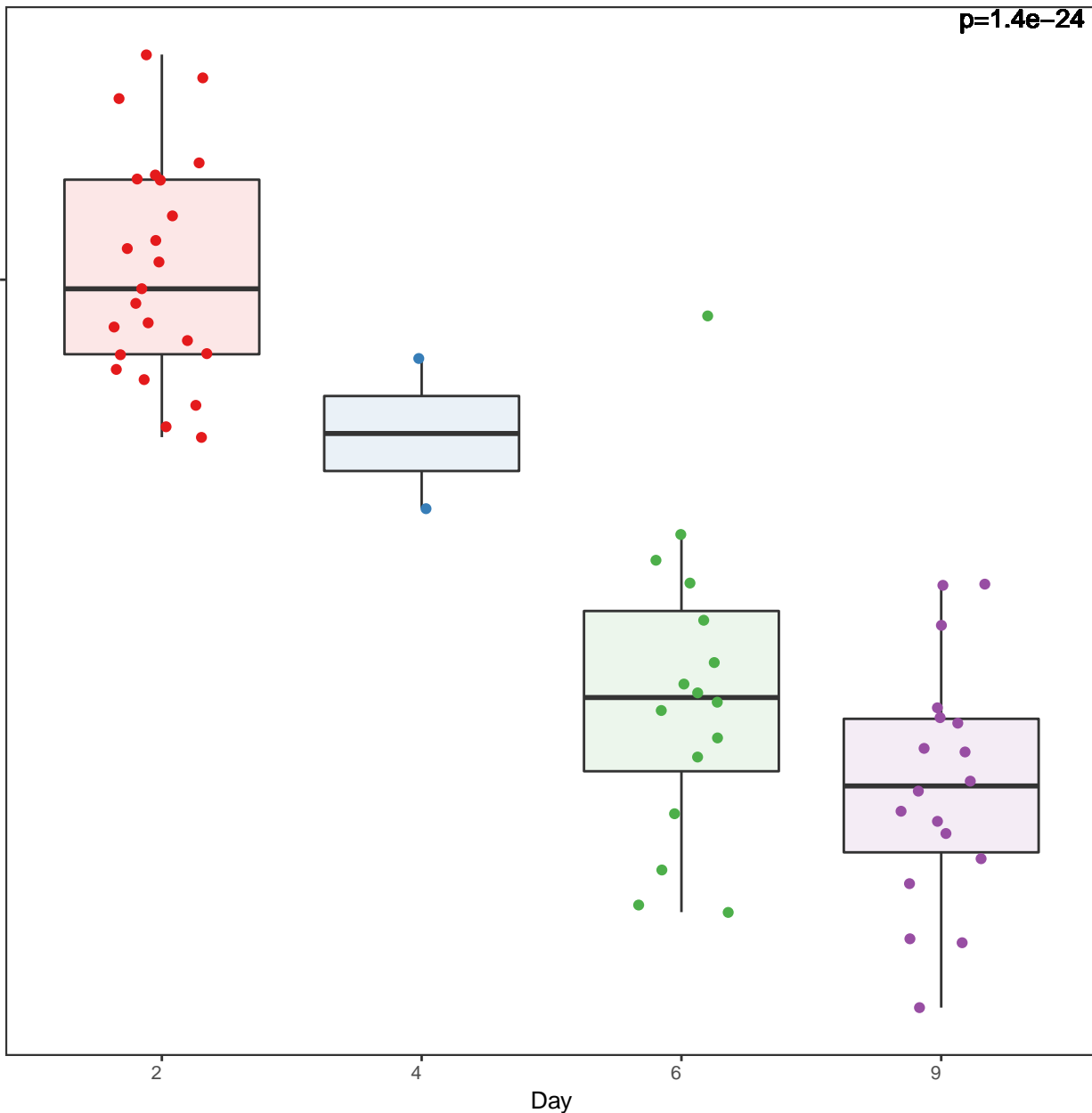
2

4

6

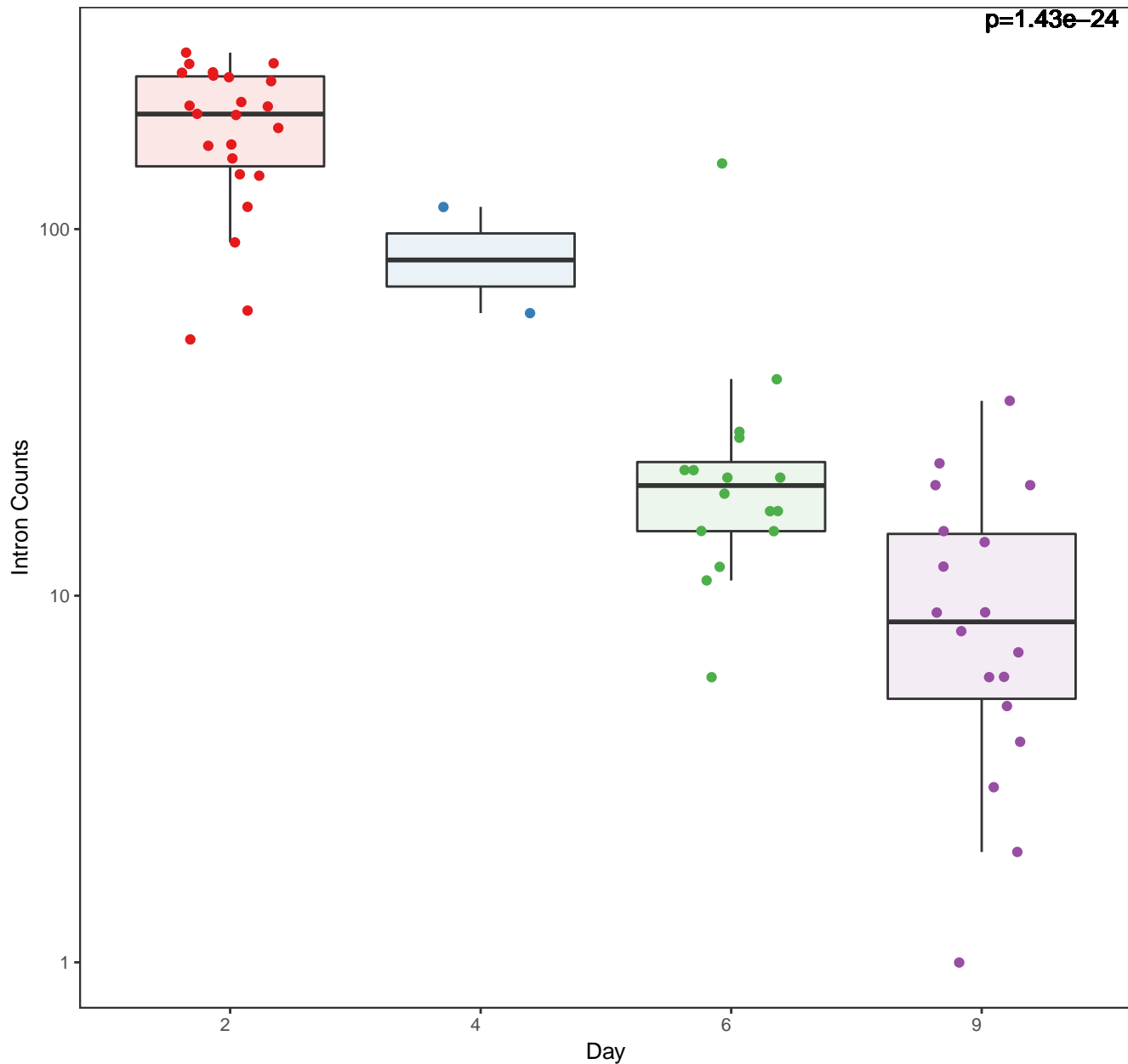
9

Day



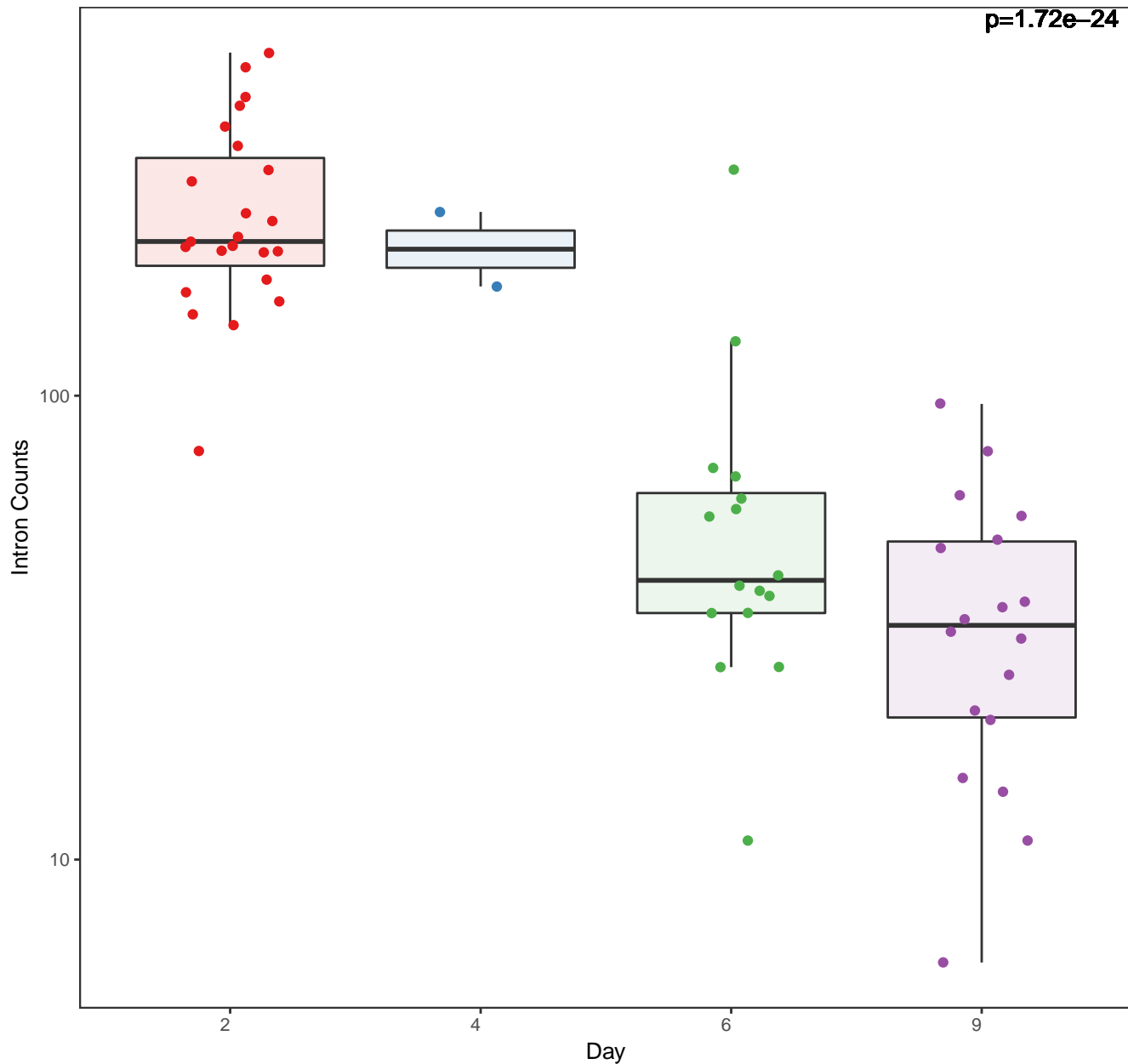


# Accelerated Dorsal Differentiation Intron: SLC12A8

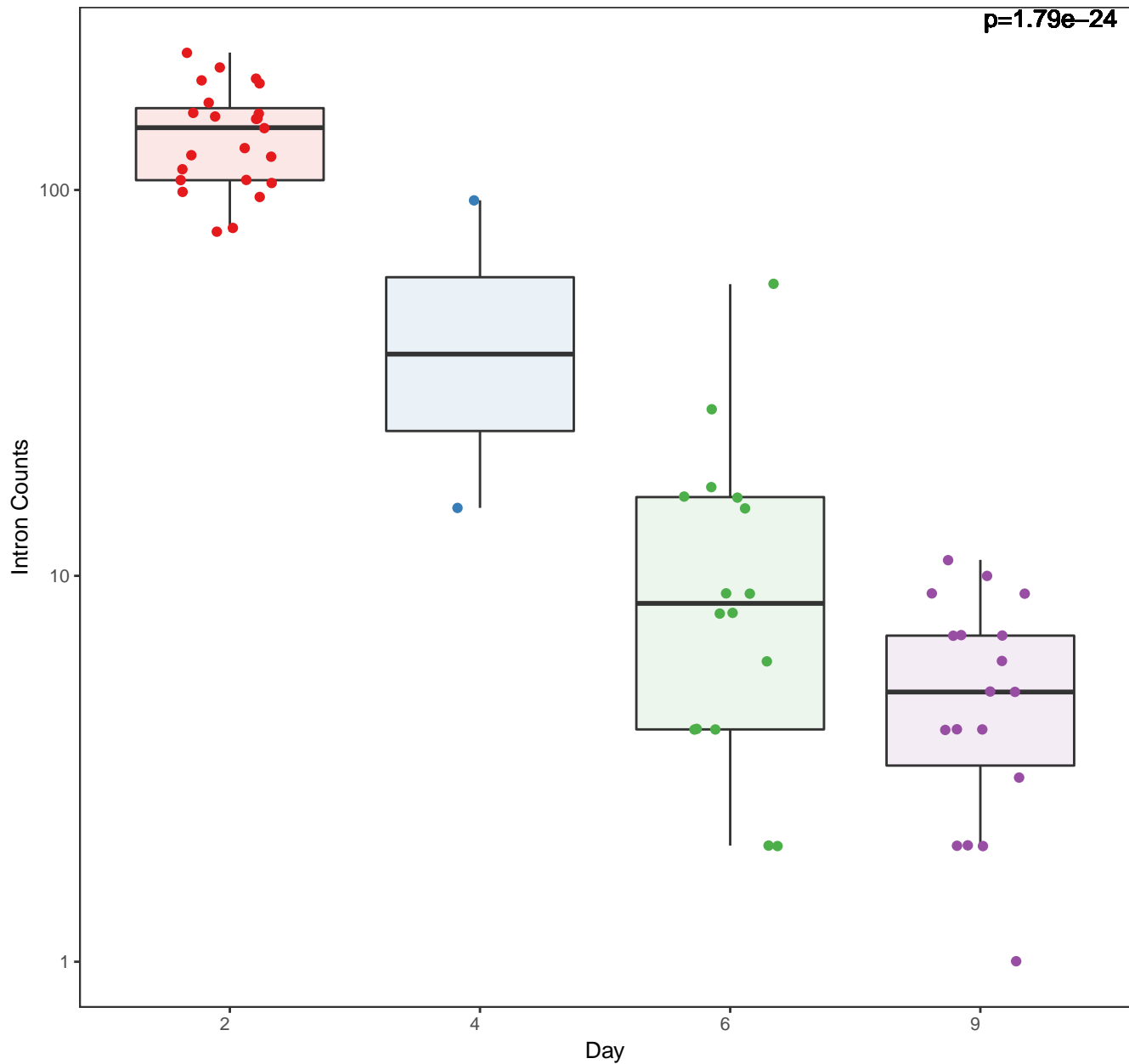


# Accelerated Dorsal Differentiation Intron: DNMT3B

$p=1.72e-24$

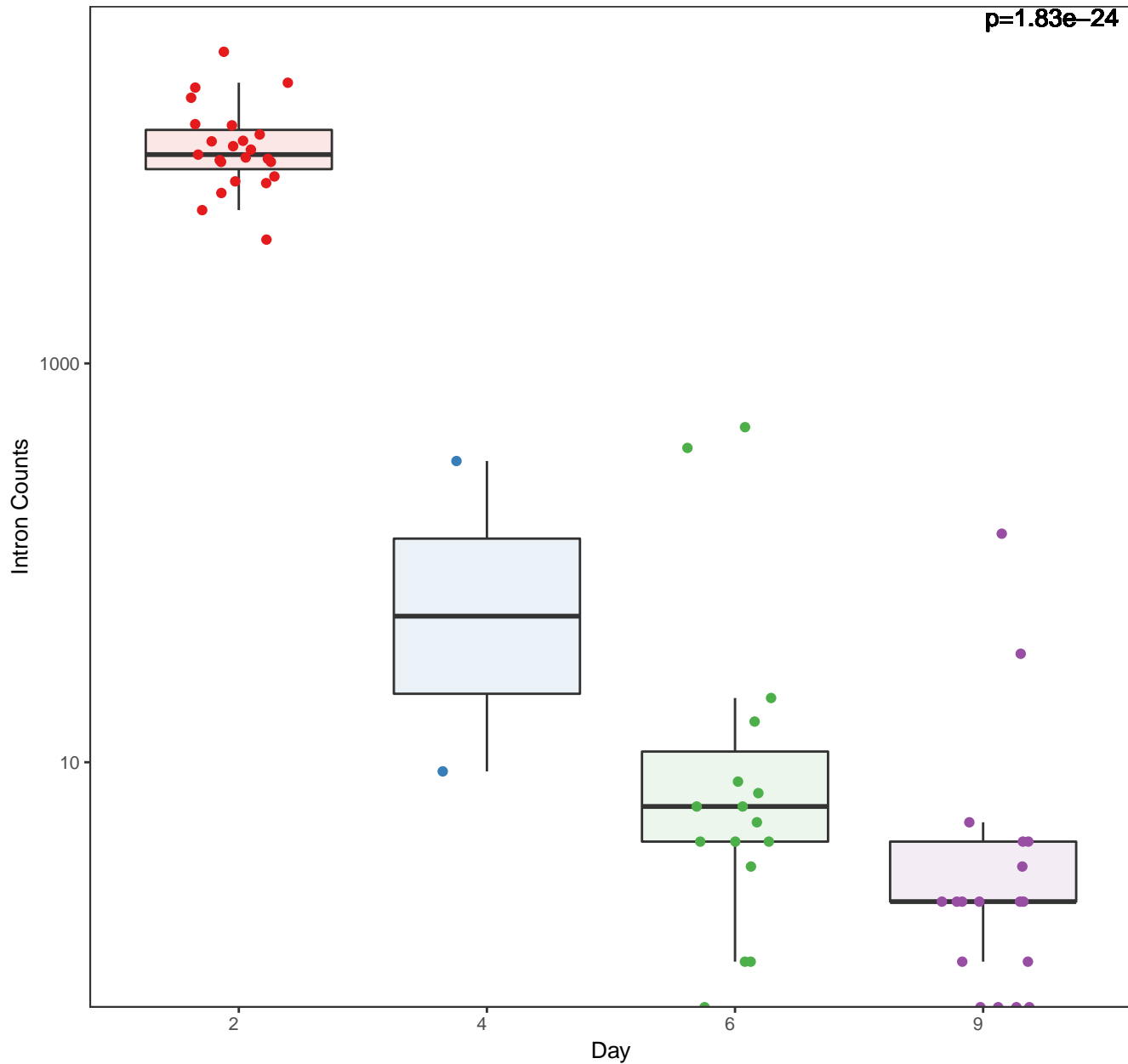


# Accelerated Dorsal Differentiation Intron: RABGAP1L

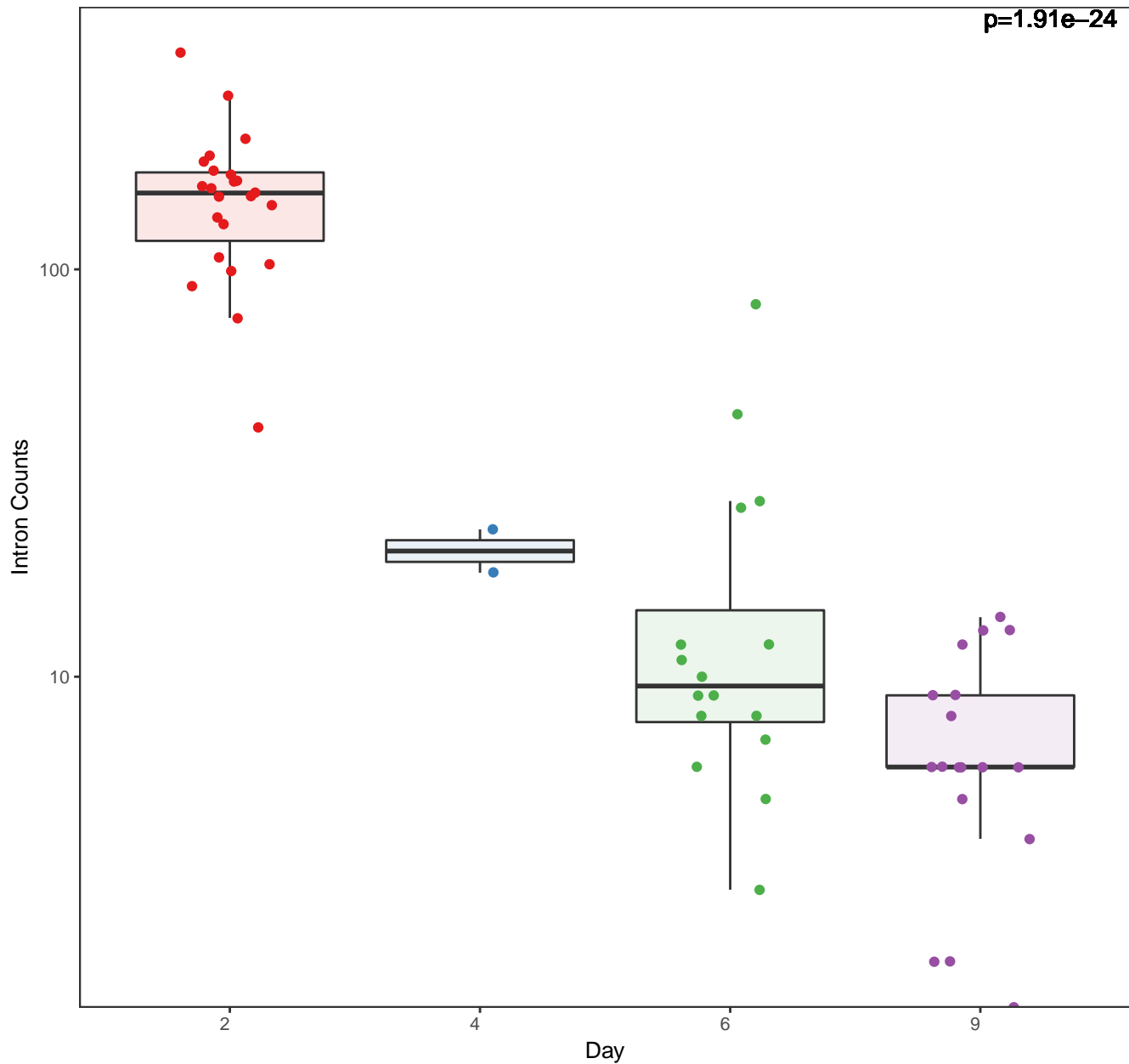


Accelerated Dorsal Differentiation Intron:  
ENSG00000283473

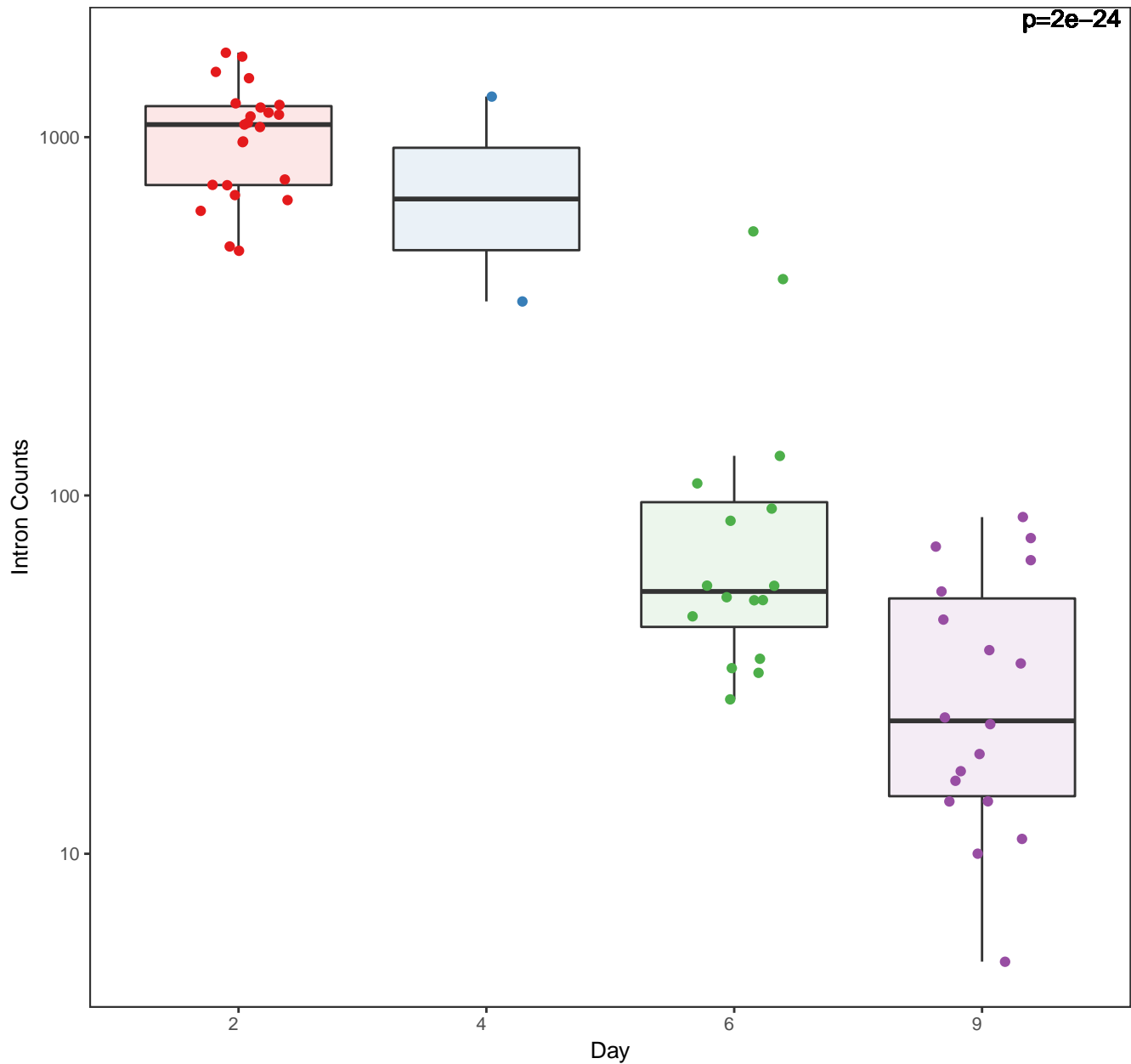
$p=1.83e-24$



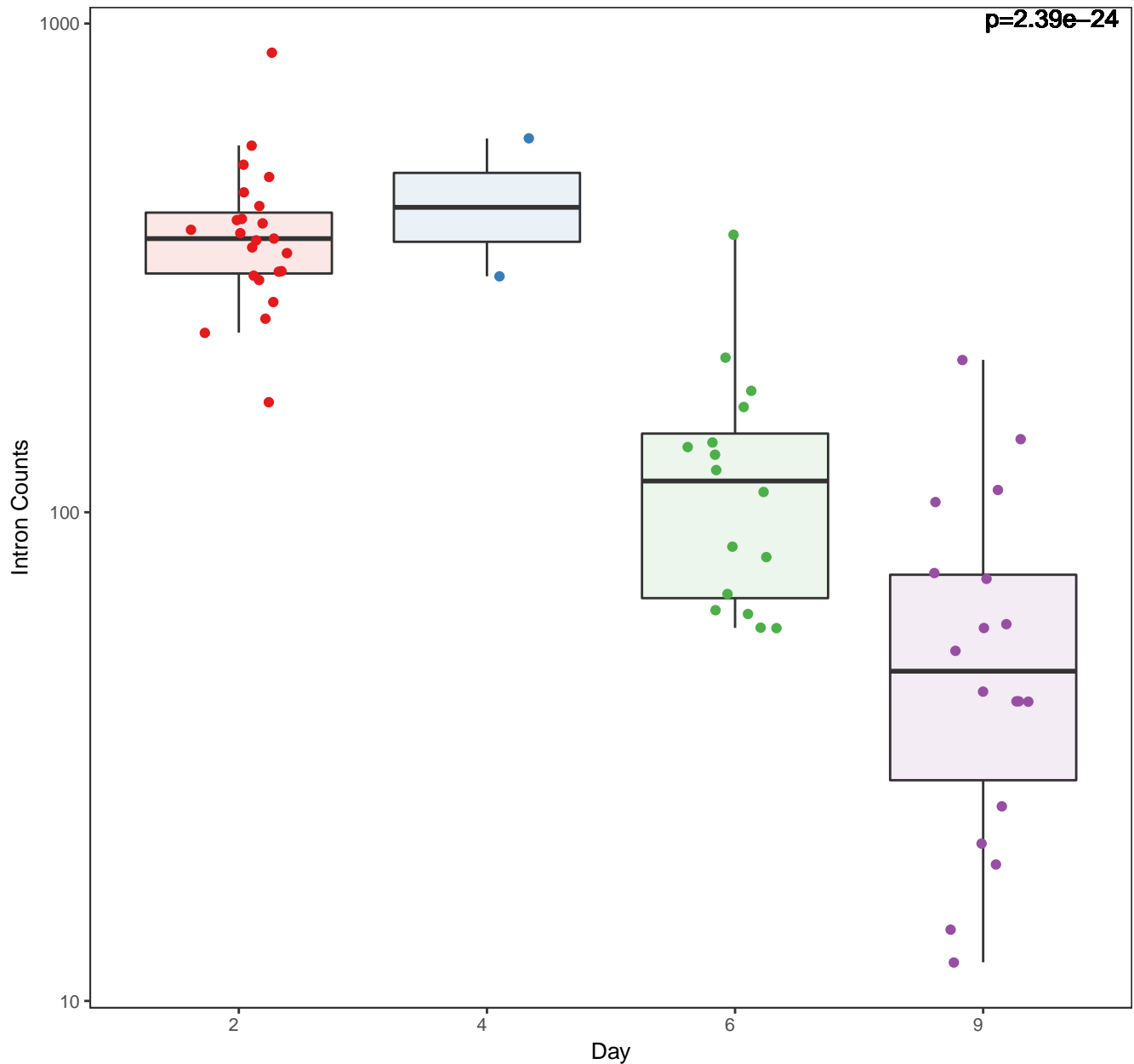
# Accelerated Dorsal Differentiation Intron: ADCY5



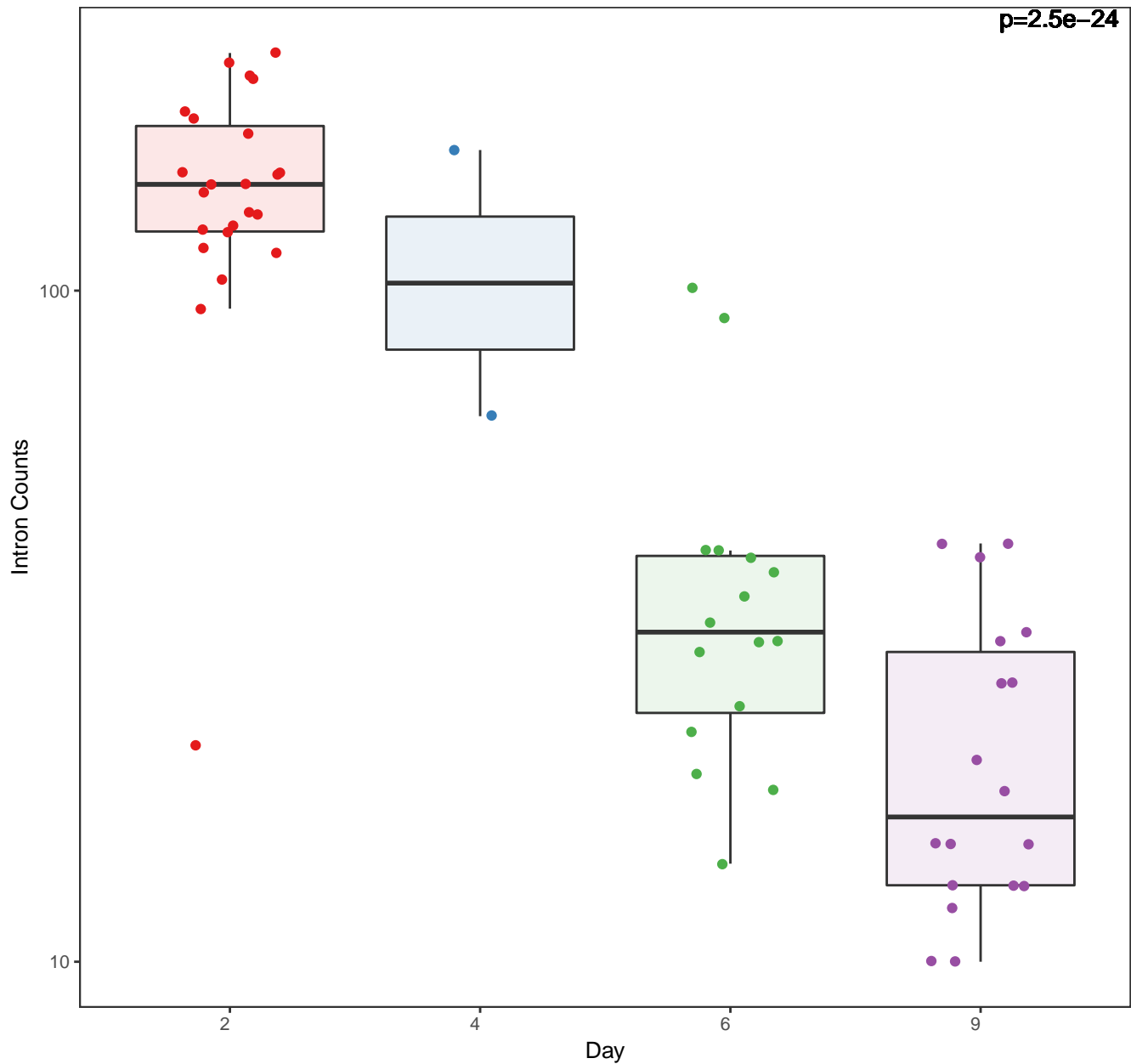
# Accelerated Dorsal Differentiation Intron: MEGF10



# Accelerated Dorsal Differentiation Intron: SHANK2



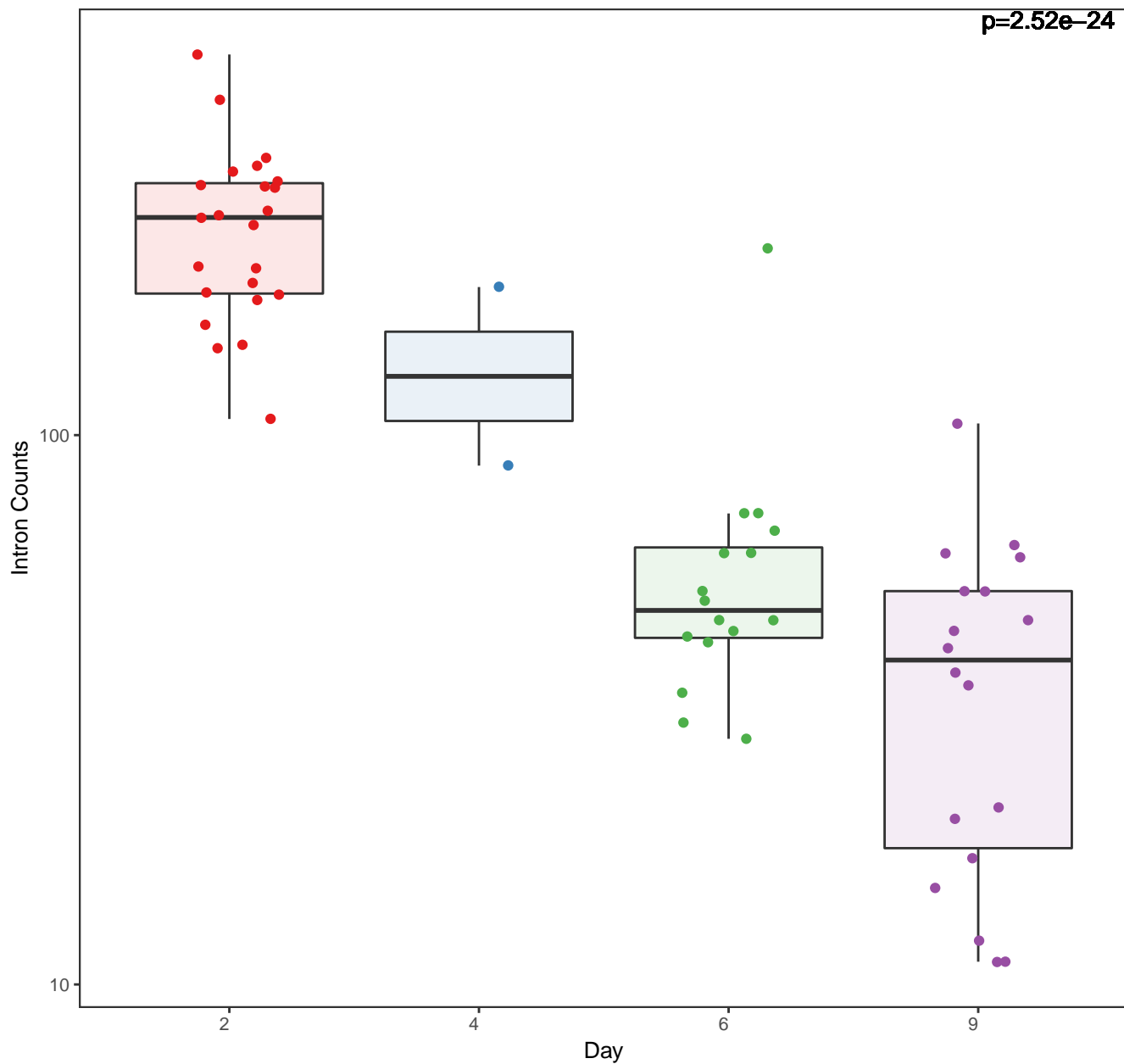
# Accelerated Dorsal Differentiation Intron: DHCR24





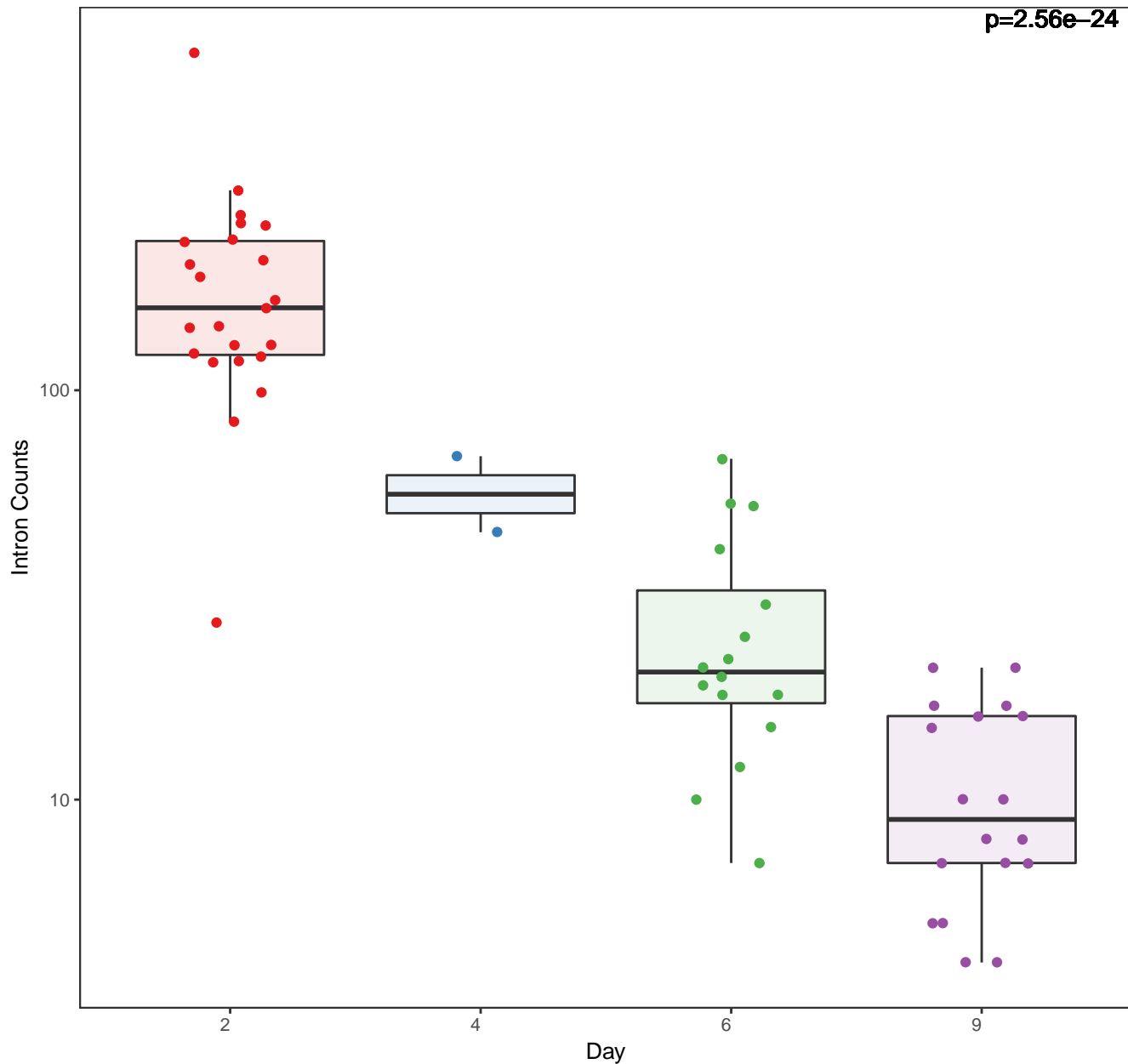
# Accelerated Dorsal Differentiation Intron: DPPA4

$p=2.52e-24$



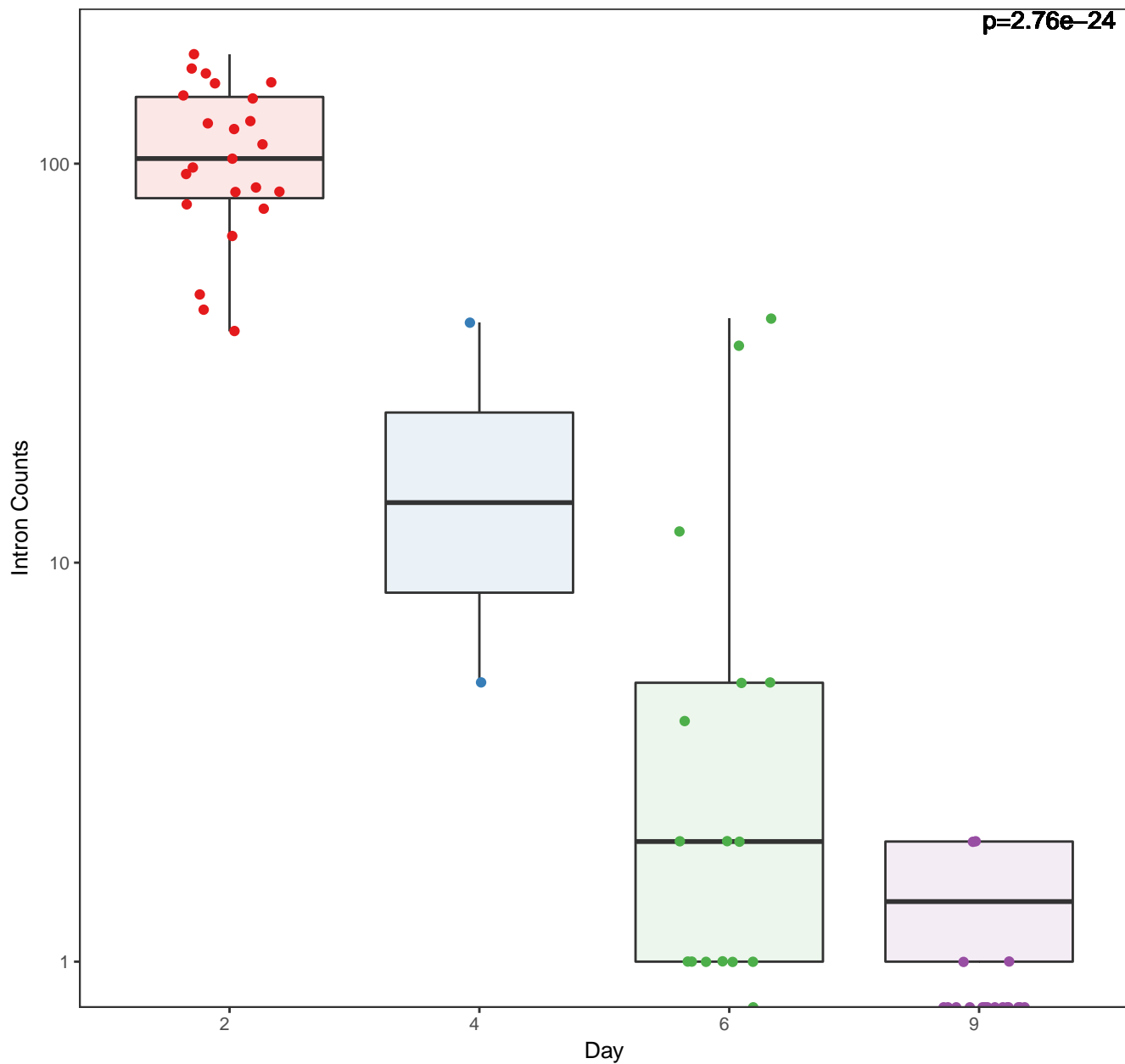
# Accelerated Dorsal Differentiation Intron: PCSK9

$p=2.56e-24$

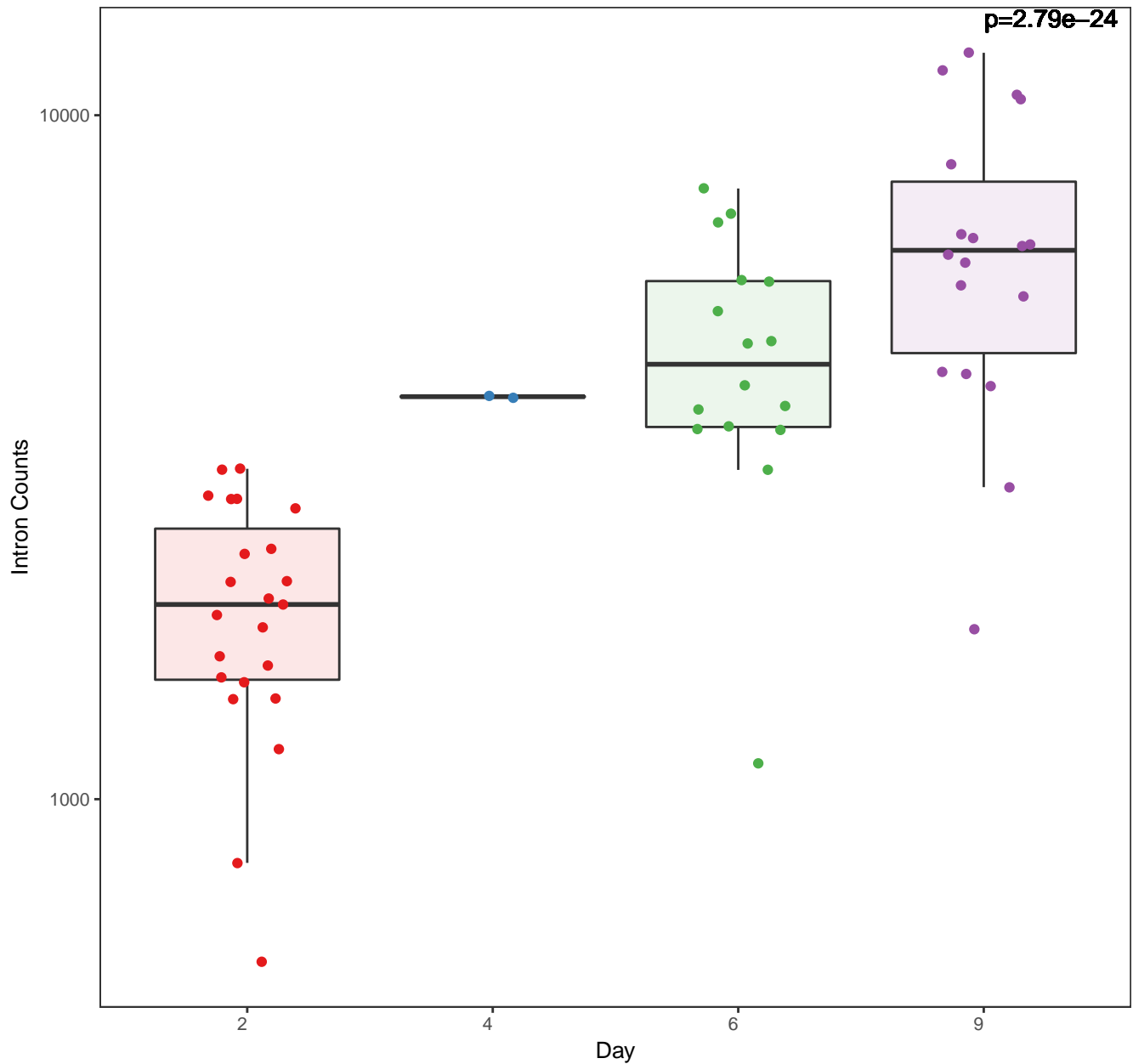


# Accelerated Dorsal Differentiation Intron: BCL11A

$p=2.76e-24$



Accelerated Dorsal Differentiation Intron:  
ENSG00000235609



Accelerated Dorsal Differentiation Intron:  
ENSG00000267748

$p=2.92e-24$

Intron Counts

1000

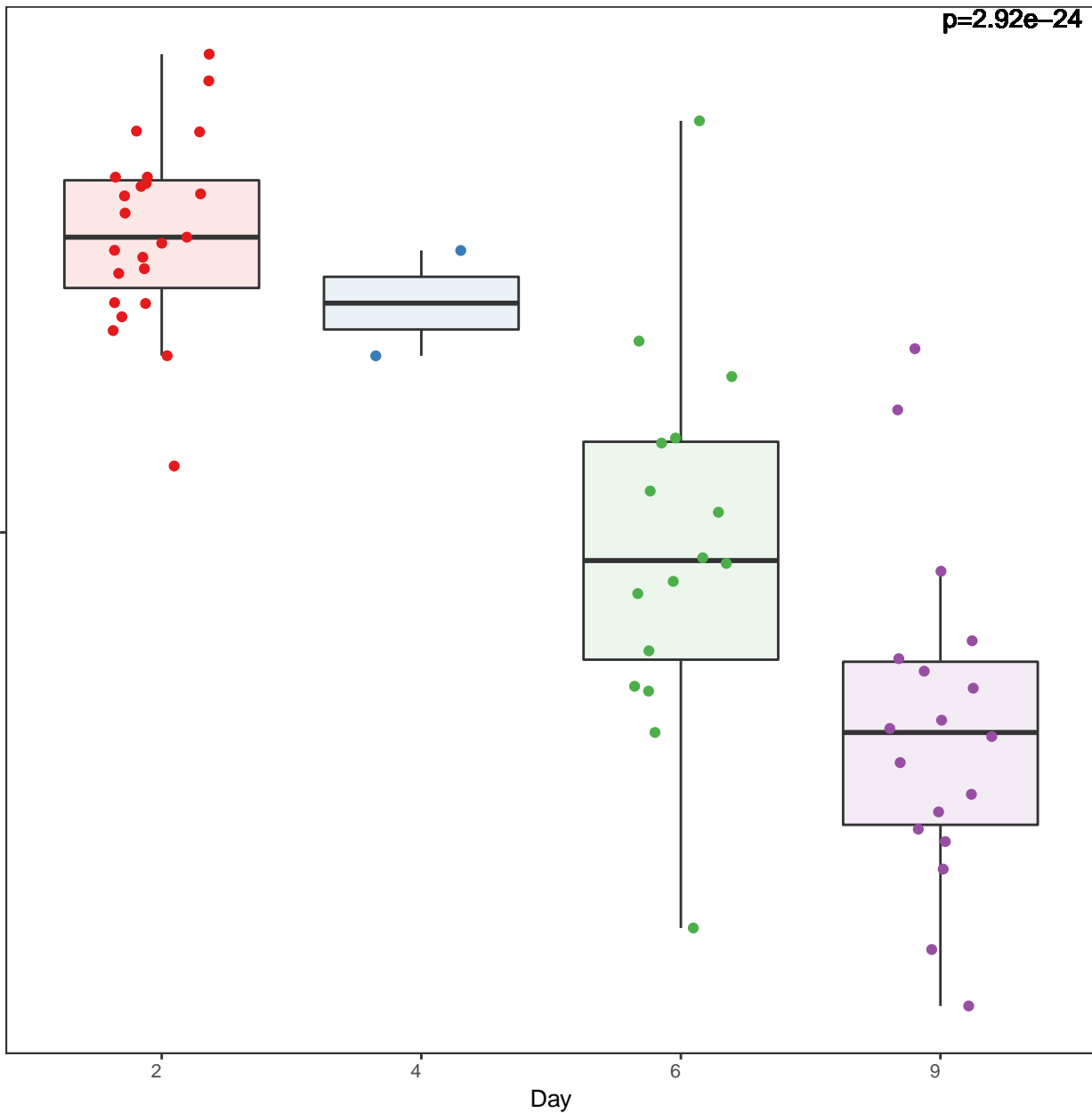
2

4

6

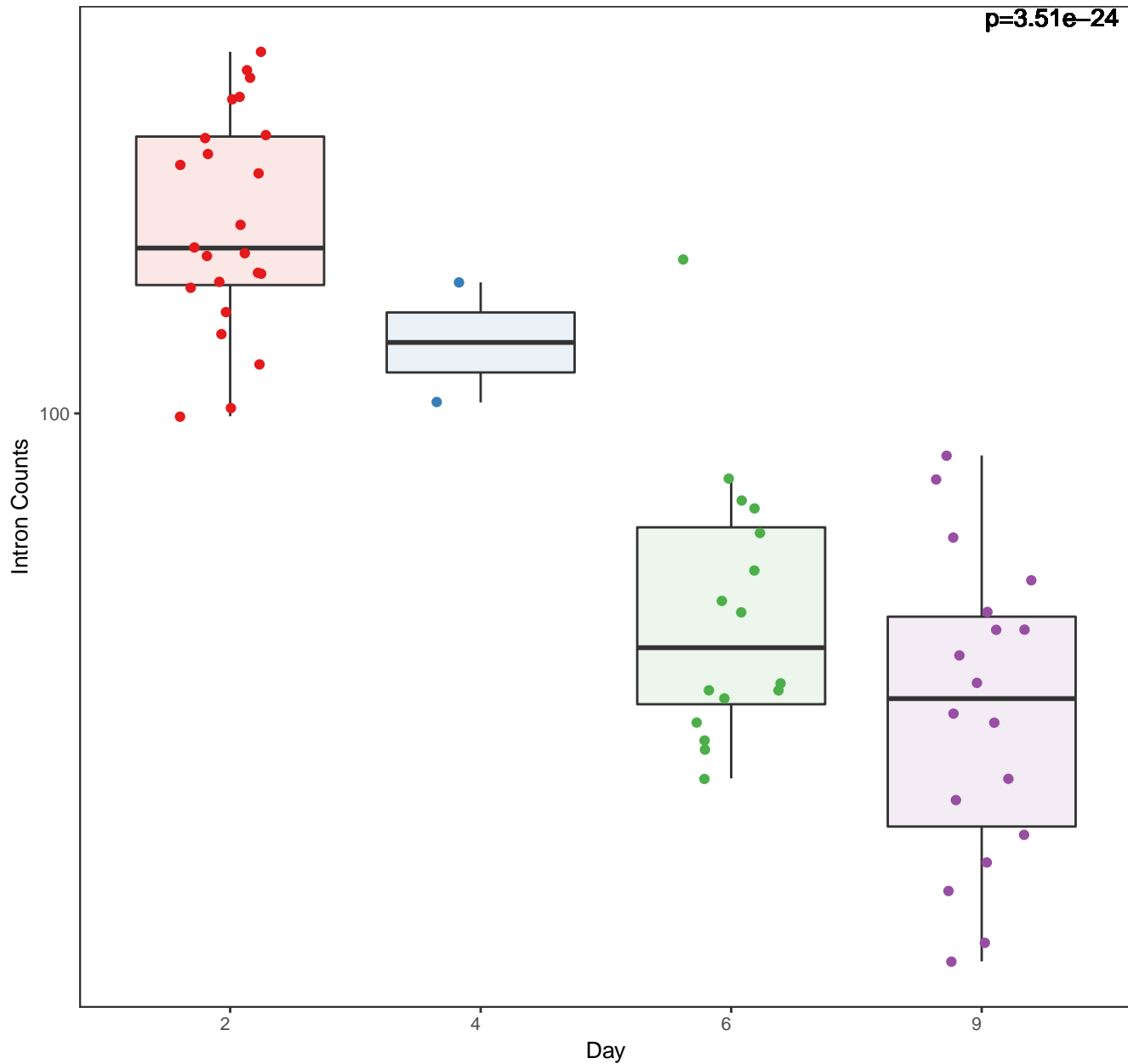
9

Day

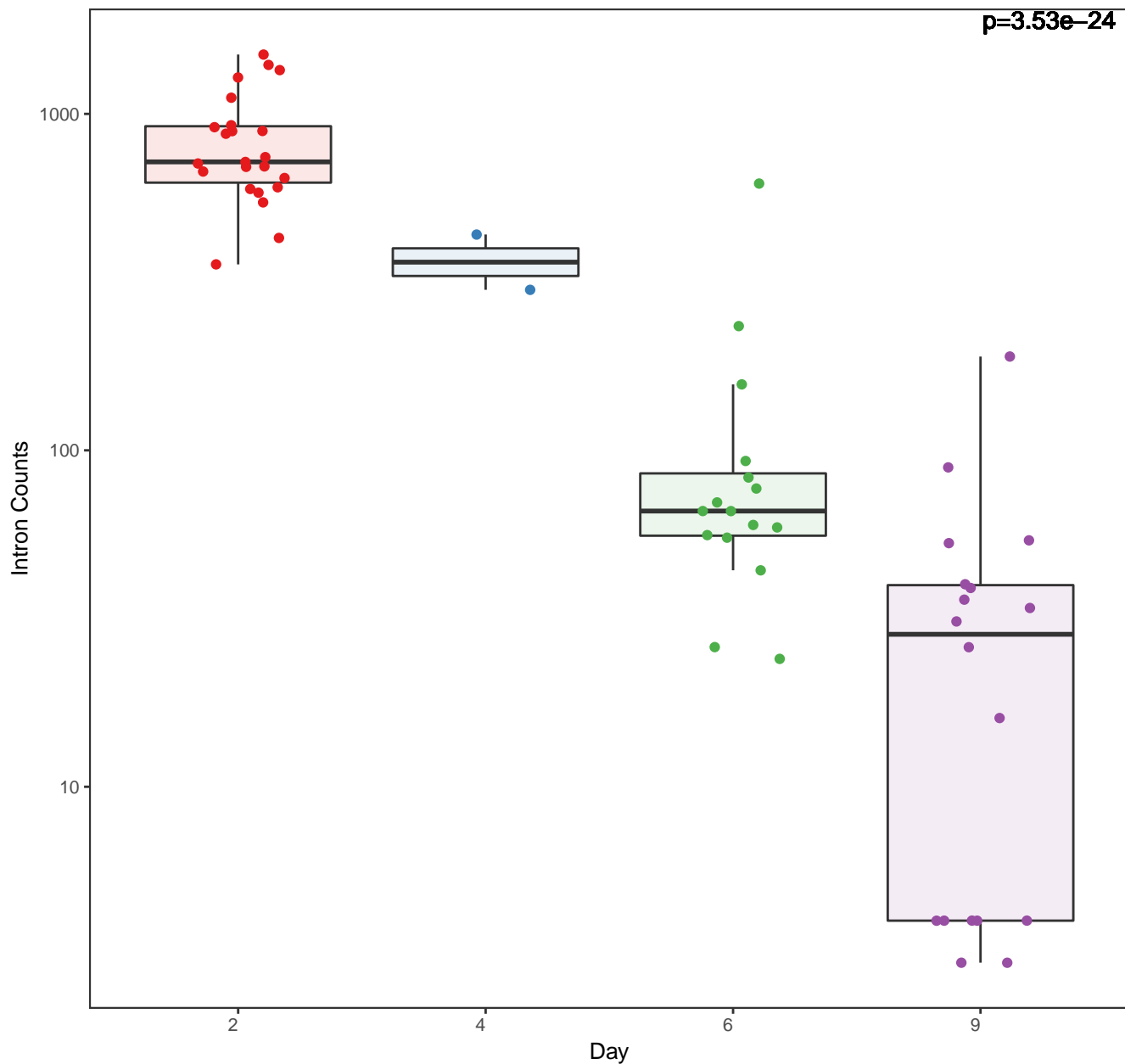


# Accelerated Dorsal Differentiation Intron: JARID2

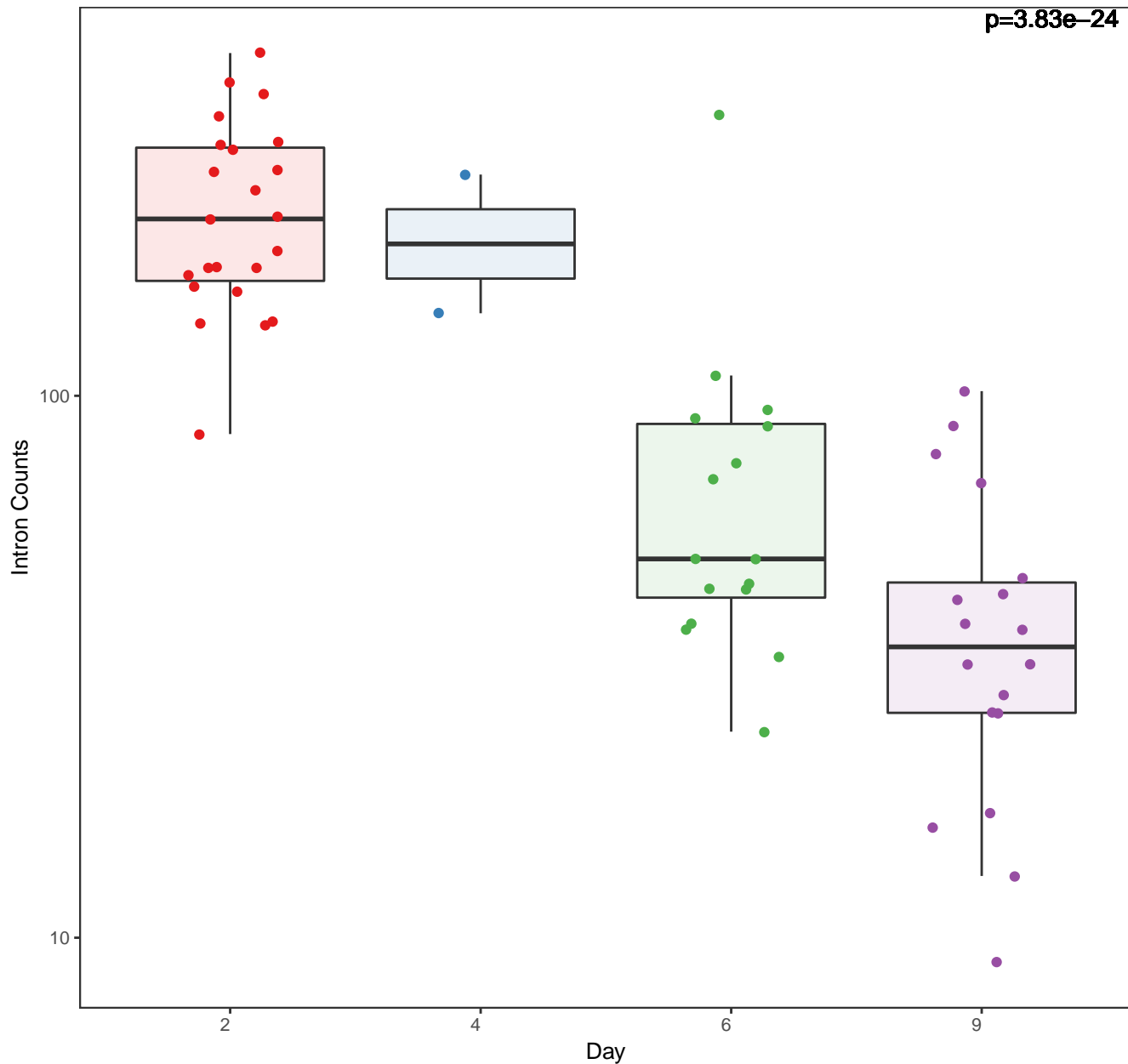
$p=3.51e-24$



# Accelerated Dorsal Differentiation Intron: VRTN



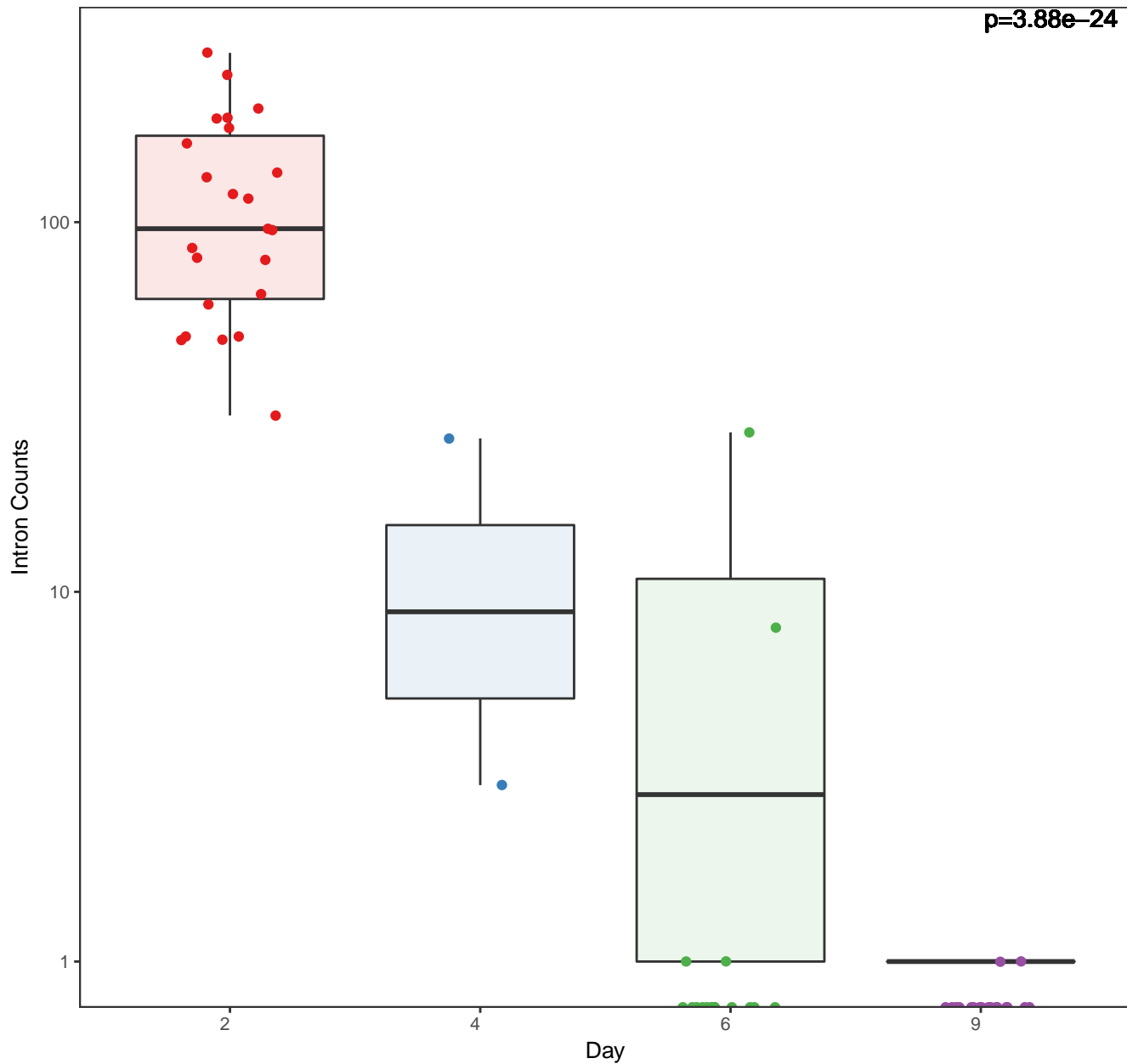
# Accelerated Dorsal Differentiation Intron: DNMT3B





Accelerated Dorsal Differentiation Intron:  
ENSG00000280707

$p=3.88e-24$



# Accelerated Dorsal Differentiation Intron: PPM1B

$p=3.99e-24$

Intron Counts

1000

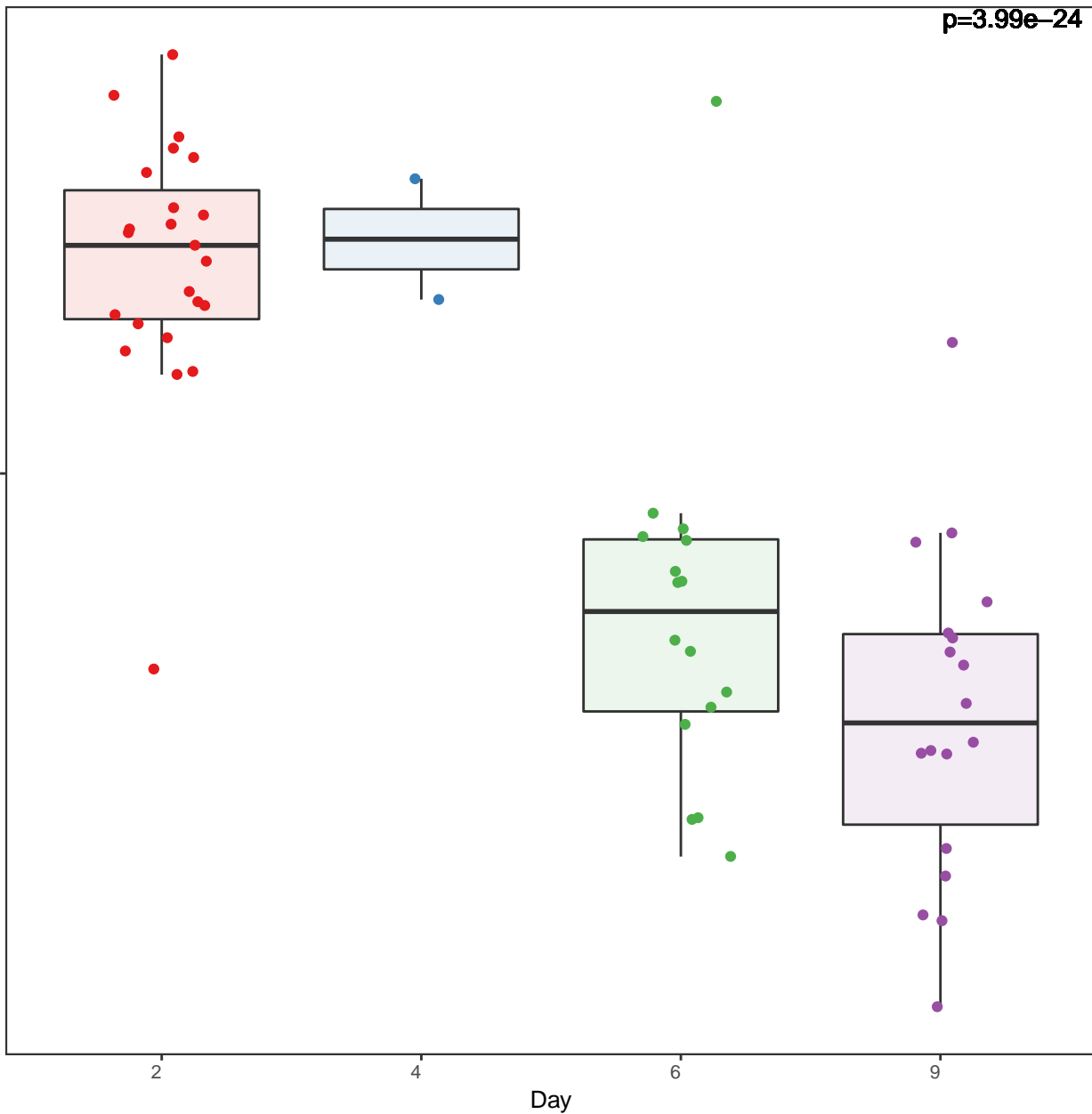
2

4

6

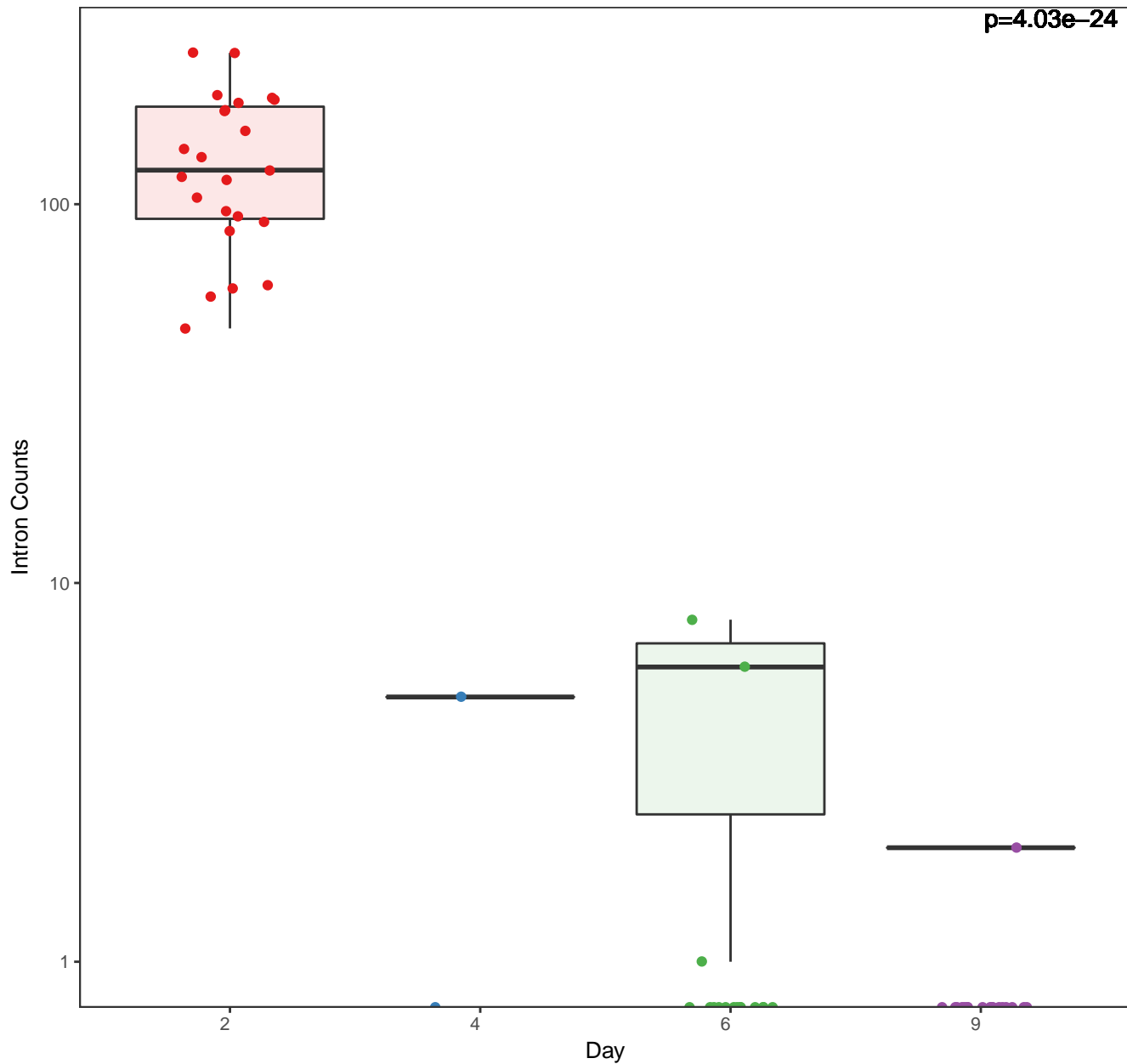
9

Day



## Accelerated Dorsal Differentiation Intron: TDGF1

**p=4.03e-24**



Accelerated Dorsal Differentiation Intron:  
ENSG00000228649

