

log2(TPM) change of CecA2 in DGRP-551 male from 3 to 50 in all clusters

Expression Level

8.0

7.5

7.0

6.5

6.0

5.5

Young Age

Old Age

Age Group

Cluster



0



47



81



6

G-KC



H

Perineurial-glia



1



49



83



7

Gr43a



I

Photoreceptors



13



5



84



8

L1



J

Plasmatocytes



15



50



9



9

L2



K

Pm1/Pm2



16



51



A/B*-KC



:

L3



L

Pm1/Pm2/Pm3



18



54



adPN/C15&kn



;

L4/L5



M

Pm3



19



56



adPN/kn



<

Lamina-monopolar



N

Poxn



2



59



adPN/kn&CG31676



=

Lawf1



O

Proc/Ms



21



6



AstA/NPF



>

Lawf2



P

Serotonergic



25



62



AstA/Nplp1



?

LNv



Q

Subperineurial-glia



29



67



Astrocyte-like



@

IPN/CG31676



R

T2



3



68



C3



A

IPN/unpg



S

T3



30



69



Capa



B

MBON



T

Tm1/TmY8



32



7



Chiasm-glia



C

Mi1



U

Tm5ab



34



71



Clock



D

Mip



V

Tm5c



4



75



Dm8/Dm11



E

Octopaminergic



W

Tm9



40



76



Dopaminergic



F

Olfactory-projection-neurons



X

TmY14



44



79



Ensheathing-glia



G

PAM



Y

Tyraminergic