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

47

50

51

54

56

59

6

62

67

68 O

69

71

75 R

78

79

D 83

=

Ν

Q

G

84

A/B-KC

A/B*-KC

adPN/C15

AstA/NPF

AstA/Nplp1

Cortex-glia

Dm8/Dm11

Dopaminergic

Ensheathing-glia

dorsal-Fan-shaped-Body

Clock

DCN

DN1

Astrocyte-like

adPN/C15&kn

adPN

3

0

15

16

18

19

34 A 76 S

W G-KC

Gr43a

Hug

L2

L3

L4/L5

Lawf1

Lawf2

IPN/CG31676

Octopaminergic

Perineurial-glia

Photoreceptors

Olfactory-projection-neurons

IPN/unpg

MBON

Mi1

Mip

PAM

b

С

Plasmatocytes

Pm1/Pm2/Pm3

Pm1/Pm2

Pm3

Pm4

T2

T3

Proc/Ms

Serotonergic

Tm1/TmY8

Tm5ab

Tm5c

TmY14

Tyraminergic

Subperineurial-glia

m

q



Age Group

9

Expression Level

7