log2(TPM) change of CecA1 in DGRP-551 female from 3 to 50 in all clusters Cluster X G-KC 47 **Plasmatocytes** 0 3 84 8.5 Gr43a Pm1/Pm2 Hug Pm1/Pm2/Pm3 13 50 G A/B-KC 15 A/B*-KC L2 51 m Pm3 16 54 adPN L3 Pm4 n 56 adPN/C15 L4/L5 Proc/Ms 18 59 adPN/C15&kn Serotonergic 19 9 Lawf1 AstA/NPF Lawf2 Subperineurial-glia 6 AstA/Nplp1 IPN/CG31676 T2 62 Ν

Astrocyte-like

Cortex-glia

Dm8/Dm11

Dopaminergic

Ensheathing-glia

dorsal-Fan-shaped-Body

Clock

DCN

DN1

IPN/unpg

Octopaminergic

Perineurial-glia

Photoreceptors

Olfactory-projection-neurons

MBON

Mi1

Mip

PAM

g

s T3

Tm1/TmY8

Tm5ab

Tm5c

TmY14

Tyraminergic

67 O

= 68

69

71 R

75 S

76

78

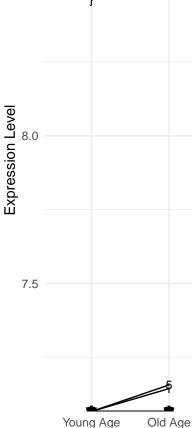
79

U

34

Α

D 83



Age Group