Cluster 9 47 G-KC **Plasmatocytes** 84 Gr43a Pm1/Pm2 9 13 A/B-KC Pm1/Pm2/Pm3 50 & 8 Hug 15 51 A/B*-KC L2 Pm3 8 16 54 adPN L3 Pm4

L4/L5

Lawf1

Lawf2

IPN/unpg

MBON

Mi1

Mip

PAM

В

Ε

IPN/CG31676

Octopaminergic

Perineurial-glia

Photoreceptors

Olfactory-projection-neurons

Proc/Ms

T2

Q T3

Serotonergic

Tm1/TmY8

Tm5ab

Tm5c

TmY14

Tyraminergic

Subperineurial-glia

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

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

56

59

62

67

68

69

71 0

75

76 2

78

79

83

 ∇ 6

18

25

29

3

30

32

34

***** 21

Expression Level 6 5 Old Age Young Age

Age Group