9 Cluster

84

50

51

54

56

59

6 62

67

68

69

71

75

76

78

79

83

16

18

21 25

29

3

30

32

34

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

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

В

Ε

**Plasmatocytes** 

Pm1/Pm2/Pm3

Pm1/Pm2

Pm3

Pm4

T2

Q T3

Proc/Ms

Serotonergic

Tm1/TmY8

Tm5ab

Tm5c

TmY14

Tyraminergic

Subperineurial-glia

log2(TPM) change of Mtl in DGRP-551 female from 3 to 50 in all clusters 8 **Expression Level** 5 Old Age Young Age Age Group