log2(TPM) change of AttD in DGRP-551 female from 3 to 50 in all clusters 9 Cluster

47

50

51

54

56

59

6

62 M

67

68 O

69

71

75 R

79

Ν

Q

U

9

=

A 76 S

B 78

D 83

G

3

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



Old Age

8

Expression Level

5

4

Young Age

Age Group



W G-KC Gr43a Hug L2 L3 L4/L5 Lawf1 Lawf2 IPN/CG31676 IPN/unpg **MBON** Mi1 b С Mip Octopaminergic Olfactory-projection-neurons PAM Perineurial-glia **Photoreceptors**

Plasmatocytes

Pm1/Pm2/Pm3

Pm1/Pm2

Pm3

Pm4

T2

T3

Proc/Ms

Serotonergic

Tm1/TmY8

Tm5ab

Tm5c

TmY14

Tyraminergic

Subperineurial-glia

m

q