log2(TPM) change of TotX in DGRP-551 male from 3 to 50 in all clusters 13 Cluster 0 47 Е 81 W G-KC Perineurial-glia 3 X Gr43a **Photoreceptors** 83 Υ 13 5 5 G 84 L1 **Plasmatocytes** 11 15 50 L2 Pm1/Pm2 6 51 A/B\*-KC L3 Pm1/Pm2/Pm3 adPN/C15&kn L4/L5 54 Pm3 **Expression Level** 19 56 adPN/kn Lamina-monopolar Poxn 9 Κ 59 adPN/kn&CG31676 Lawf1 Proc/Ms AstA/NPF Serotonergic 6 Μ Lawf2 62 Ν AstA/Nplp1 LNv Subperineurial-glia

Astrocyte-like

Chiasm-glia

Dm8/Dm11

Dopaminergic

Ensheathing-glia

C3

Capa

Clock

67 0

68

69 Q

75

76 U

S

Α 71

В

D 79 IPN/CG31676

Octopaminergic

Olfactory-projection-neurons

IPN/unpg **MBON** 

Mi1

Mip

PAM

h

T2

T3

Tm1/TmY8

Tm5ab

Tm5c

Tm9

TmY14

Tyraminergic

s

