log2(TPM) change of TotX in DGRP-551 male from 3 to 50 in all clusters 13 Cluster X G-KC 0 47 Е 81 Perineurial-glia 3 Gr43a **Photoreceptors** 83 Ζ 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 Pm3 **Expression Level** 19 56 adPN/kn Lamina-monopolar Poxn 9 59 adPN/kn&CG31676 Lawf1 Proc/Ms AstA/NPF 6 Lawf2 Serotonergic 62 0 AstA/Nplp1 LNv Subperineurial-glia а IPN/CG31676 T2 67 Astrocyte-like t

Capa

Clock

Chiasm-glia

Dm8/Dm11

Dopaminergic

Ensheathing-glia

68 Q C3

69 R

75 U

76

79 W

A 71

В

IPN/unpg

Octopaminergic

Olfactory-projection-neurons

MBON

Mi1

Mip

PAM

T3

Tm1/TmY8

Tm5ab

Tm5c

Tm9

Ζ

TmY14

Tyraminergic

