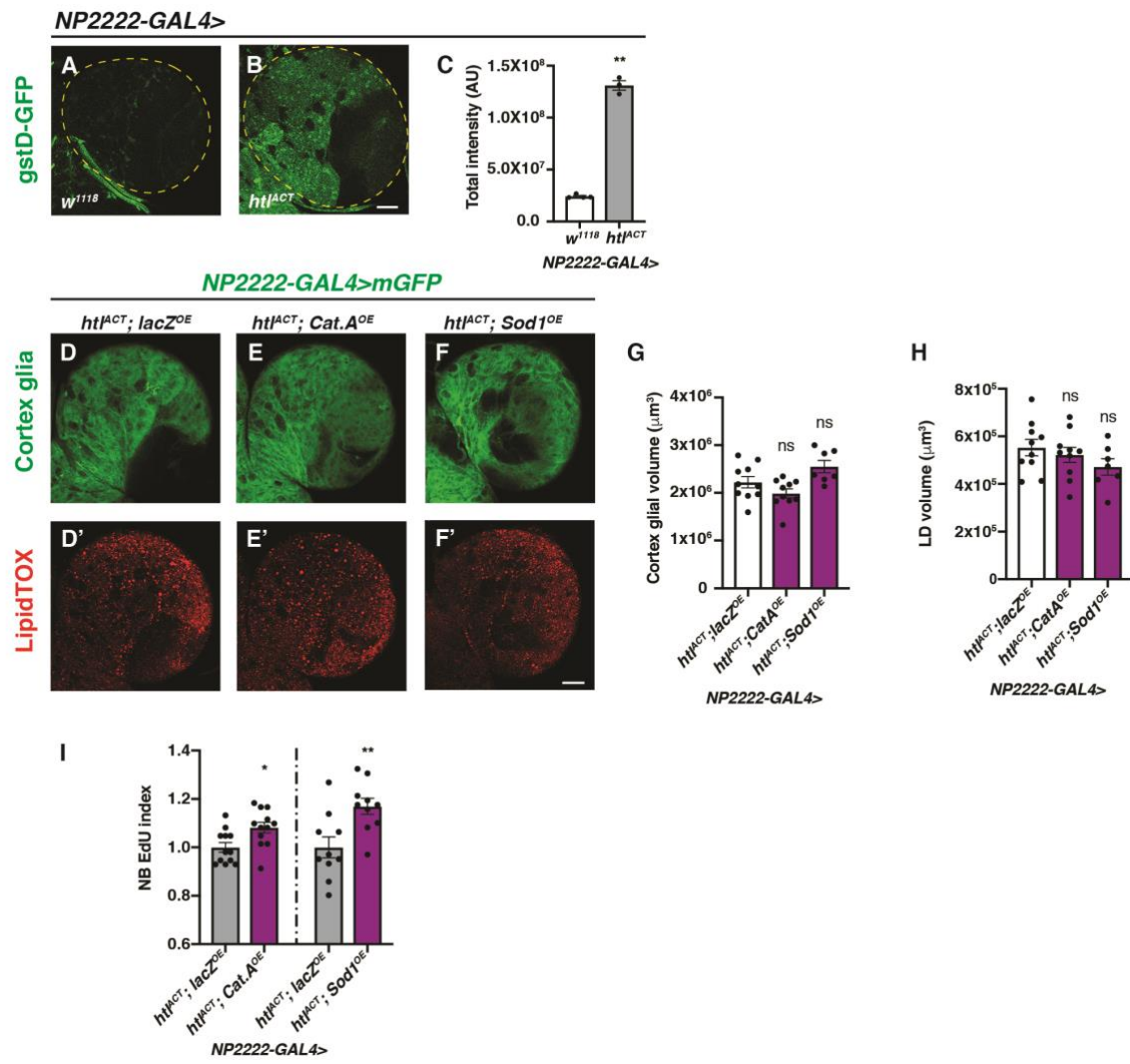


Appendix

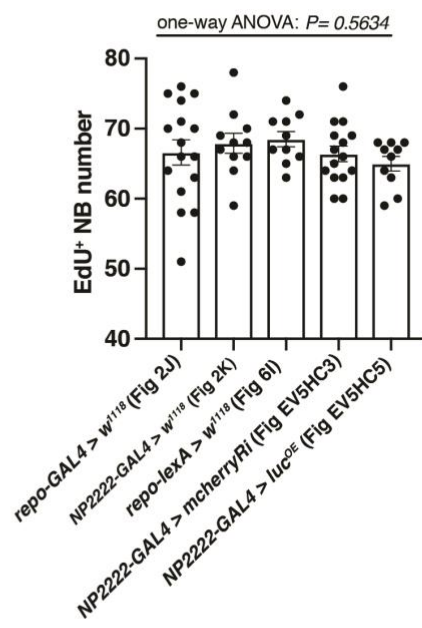
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Appendix Figure S1



Appendix Figure S2



Appendix Figure legends

Appendix Figure S1. Glial ROS acts in parallel with lipid-Hh signalling to regulate NB proliferation downstream of glial FGF activation (related to Fig 7)

A-C) Representative images showing that the oxidative stress indicator gstD-GFP is significantly increased, by cortex glial (*NP2222-GAL4*) overexpression of *htl^{ACT}*, quantified in C (n=4,3 brain lobes). Region of interest is outlined with yellow dashed lines.

D-H) Representative images showing that cortex glial (*NP2222-GAL4>*) overexpression of ROS scavengers *Cat.A* or *Sod.1* does not alter the size of cortex glia (marked with mGFP) or the number of LDs, quantified in G and H, respectively (n=10,10,7 brain lobes).

I) Cortex glial (*NP2222-GAL4>*) overexpression of ROS scavengers *Cat.A* or *Sod.1* significantly rescues NB EdU incorporation defects caused by *htl^{ACT}* overexpression, quantified in I (n=12,12;10,10 brain lobes).

Region of interest are outlined with yellow dashed line.

Scale bar=50 μ m in A-B, D-F.

Data information: Error bar represents SEM.

In (C): Welch's t test, (**) $p=0.0013$. In (G): unpaired t test, (ns) $p=0.1410$; unpaired t test, (ns) $p=0.0858$. In (H): unpaired t test, (ns) $p=0.5173$; unpaired t test, (ns) $p=0.1280$. In (I): unpaired t test, (*) $p=0.0120$; unpaired t test, (**) $p=0.0059$.

Appendix Figure S2. EdU⁺ NB number quantification in controls

EdU⁺ NB number is not significantly different within the controls *GAL4* or *lexA > w¹¹¹⁸*, or *UAS-mcherryRNAi*, or *UAS-luc* (n=16,11,10,15,10 brain lobes).

Data information: Error bar represents SEM.

One-way ANOVA, $p=0.5634$.