

**JAK/STAT guarantees robust neural stem cell differentiation
by shutting off biological noise**

Authors

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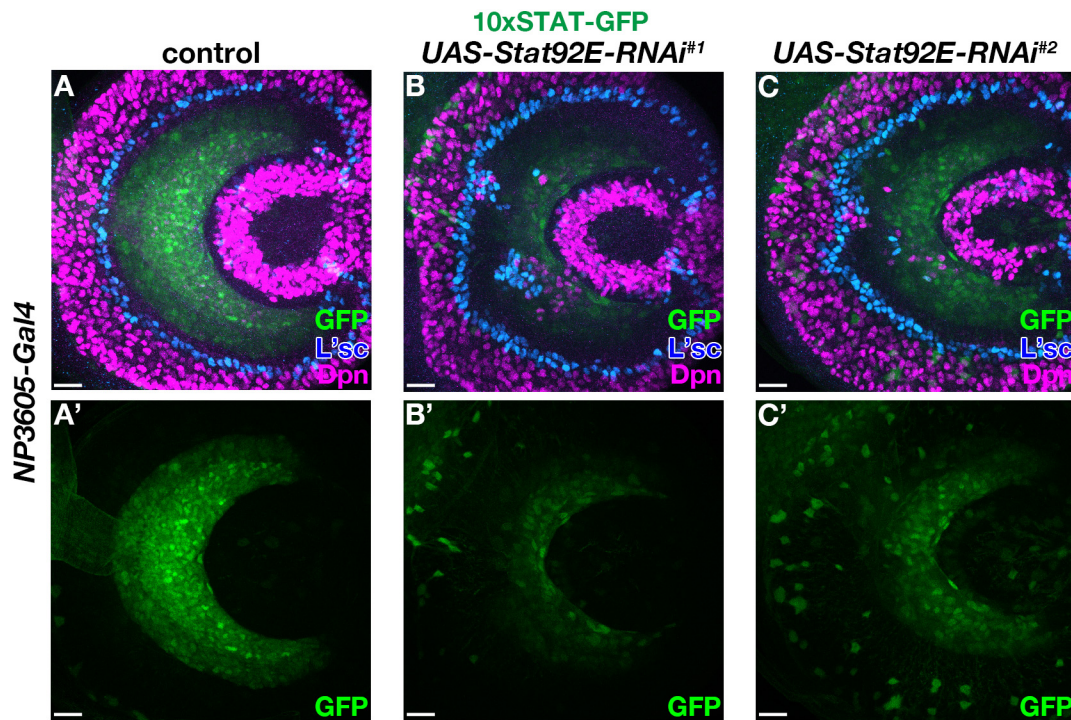


Figure S1. *Stat92E* RNAi reduces the activity of JAK/STAT signaling uniformly. (A-C') Third-instar larval optic lobes for control (A), *UAS-Stat92E-RNAi^{#1}* (B), and *UAS-Stat92E-RNAi^{#2}* (C). *NP3605-Gal4* was used as a *Gal4* driver. 10xSTAT-GFP (green), L'sc (blue) and Dpn (magenta) are shown. (A', B', and C') 10xSTAT-GFP is shown. Scale bars. 20 μ m.

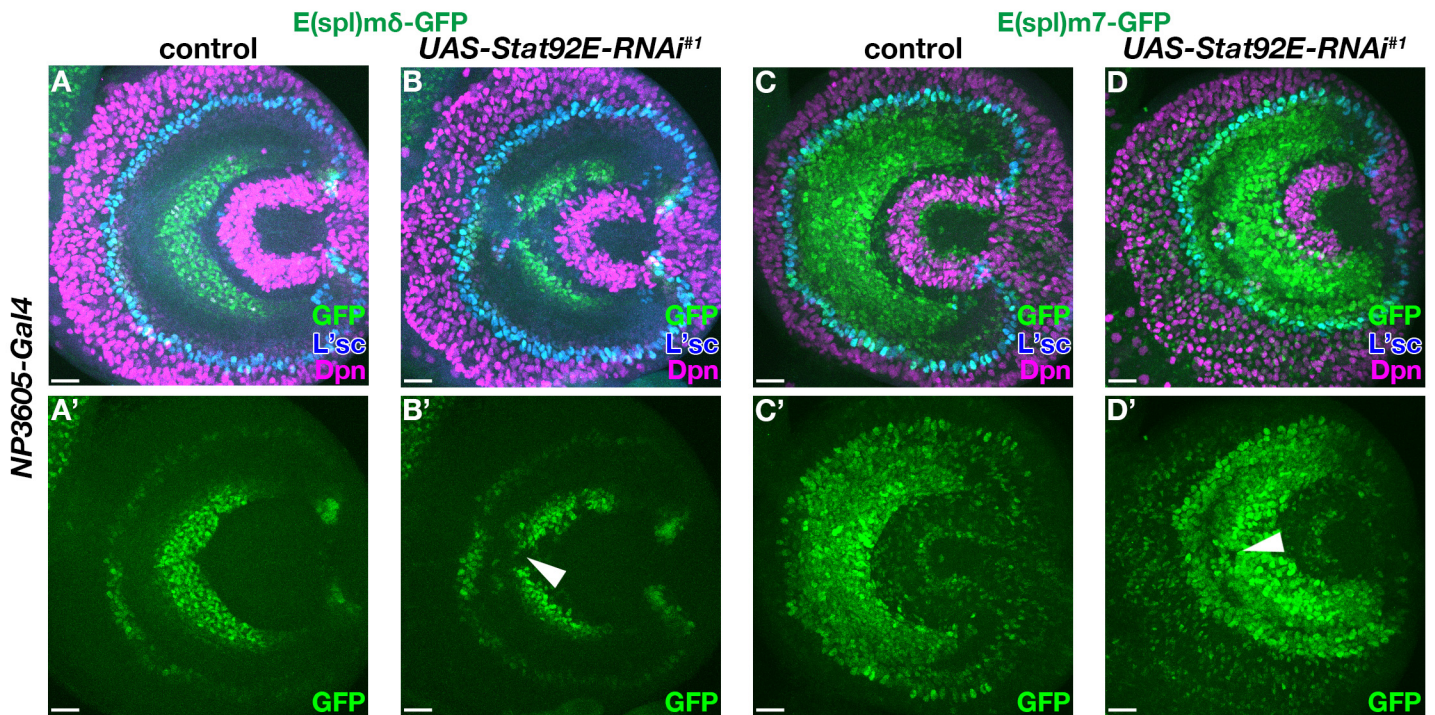


Figure S2. *Stat92E* RNAi reduces the activity of JAK/STAT signaling uniformly. (A-B') Third-instar larval optic lobes for control (A) and *UAS-Stat92E-RNAi^{#1}* (B). *E(spl)mδ-GFP* (green), *L'sc* (blue) and *Dpn* (magenta) are shown. (A' and B') *E(spl)mδ-GFP* is shown. (C-D') Third-instar larval optic lobes for control (C) and *UAS-Stat92E-RNAi^{#1}* (D). *E(spl)m7-GFP* (green), *L'sc* (blue) and *Dpn* (magenta) are shown. (C' and D') *E(spl)m7-GFP* is shown. *NP3605-Gal4* was used as a *Gal4* driver. White arrowheads in (B') and (D') indicate the decrease of GFP expression. Scale bars, 20 μ m.