

Extended Data Figure 9 | Glia-specific knockdown of *srl* has little to no effect on EGFR–PI3K-induced tumour growth but glia-specific knockdown of *ERR* inhibits F3–T3-induced tumour growth. **a**, Optical projections of whole brain–ventral nerve cord complexes from larvae with control and *srl*-deficient glia. **b**, Glia-specific *srl* knockdown in larval brains did not significantly affect the overall glial population (Repo^+ cells) nor the mitotic index of glial cells (Repo^+ phospho-HH3⁺ cells, yellow arrows). **c**, Quantification of glia volume in larval brains with control and *srl*-deficient glia; $n = 13$ for *repo-Gal4>eGFP*; $n = 14$ for *repo-Gal4>eGFP;RNAi-KK100201*; and $n = 16$, for *repo-Gal4>eGFP;RNAi-HMS00857*. Data are mean \pm s.e.m. NS, not significant; two-tailed *t*-test with unequal variance. **d**, Quantification of proliferating glia number (Repo^+ ; phospho-HH3⁺ cells) in larval brains with control and *srl*-deficient glia; $n = 13$ for *repo-Gal4>eGFP*; $n = 14$ for *repo-Gal4>eGFP;RNAi-KK100201*; and $n = 16$ for *repo-Gal4>eGFP;RNAi-HMS00857*. Data are mean \pm s.e.m. NS, not significant; two-tailed *t*-test with unequal variance. **e**, Adult lethality in

repo-Gal4>F3–T3 and *repo-Gal4>F3–T3;RNAi-srl* larvae ($n > 100$). **f**, Optical projections of control and *srl*-deficient brain tumours from *repo-Gal4>Dp110^{CAAX};dEGFR^Δ;mRFP* larvae. **g**, Quantification of tumour volume in control and *srl*-deficient tumours; $n = 15$ for *repo-Gal4>Dp110^{CAAX};dEGFR^Δ;mRFP*; $n = 16$ for *repo-Gal4>Dp110^{CAAX};dEGFR^Δ;mRFP;RNAi-KK100201*; $n = 19$ for *repo-Gal4>Dp110^{CAAX};dEGFR^Δ;mRFP;RNAi-HMS00857*. Data are mean \pm s.e.m. NS, not significant; two-tailed *t*-test with unequal variance. **h**, Optical projections of brain tumours from *Drosophila* larvae *repo-Gal4>F3–T3* and *repo-Gal4>F3–T3;RNAi-ERR*. RNAi-mediated knockdown of *ERR* reduces the volume of F3–T3-induced glial tumours. **i**, Quantification of tumour volume in the control and *ERR*-deficient tumours; $n = 20$ for *repo-Gal4>F3–T3*; $n = 16$ for *repo-Gal4>F3–T3;RNAi-JF02431*; $n = 19$, for *repo-Gal4>F3–T3;RNAi-HMC03087*; $n = 19$, for *repo-Gal4>F3–T3;RNAi-KK10839*. *** $P < 0.001$; two-tailed *t*-test with unequal variance. In all experiments n are biologically independent animals. Experiments in **a**, **b**, **f**, **h**, were repeated twice with similar results.