



Figure S5 Proximal proliferation in the *gld-1(-); puf-8(-)* mutants is not dependent on latent niche signaling. Bar graph showing the effect of APX-1 depletion on tumor development. Worms homozygous for the *ar202* allele of *glp-1* [*glp-1(gf)*] develop germ cell tumors when grown at 25°C (Pepper et al. 2003). Tumor development in *glp-1(ar202)* worms is known to be suppressed by the depletion of APX-1, a ligand for GLP-1 produced by the sheath cells (McGovern et al. 2009). Consistently, *apx-1(RNAi)* reduced tumor formation in *glp-1(ar202)* [*glp-1(gf)*] worms by about 30 %. By contrast, *apx-1(RNAi)* does not affect the tumor development in worms missing both GLD-1 and PUF-8. Results shown are average of triplicates; error bars represent standard deviation; and the P value was calculated using the Student's t-test.