Supplemental Figure 1

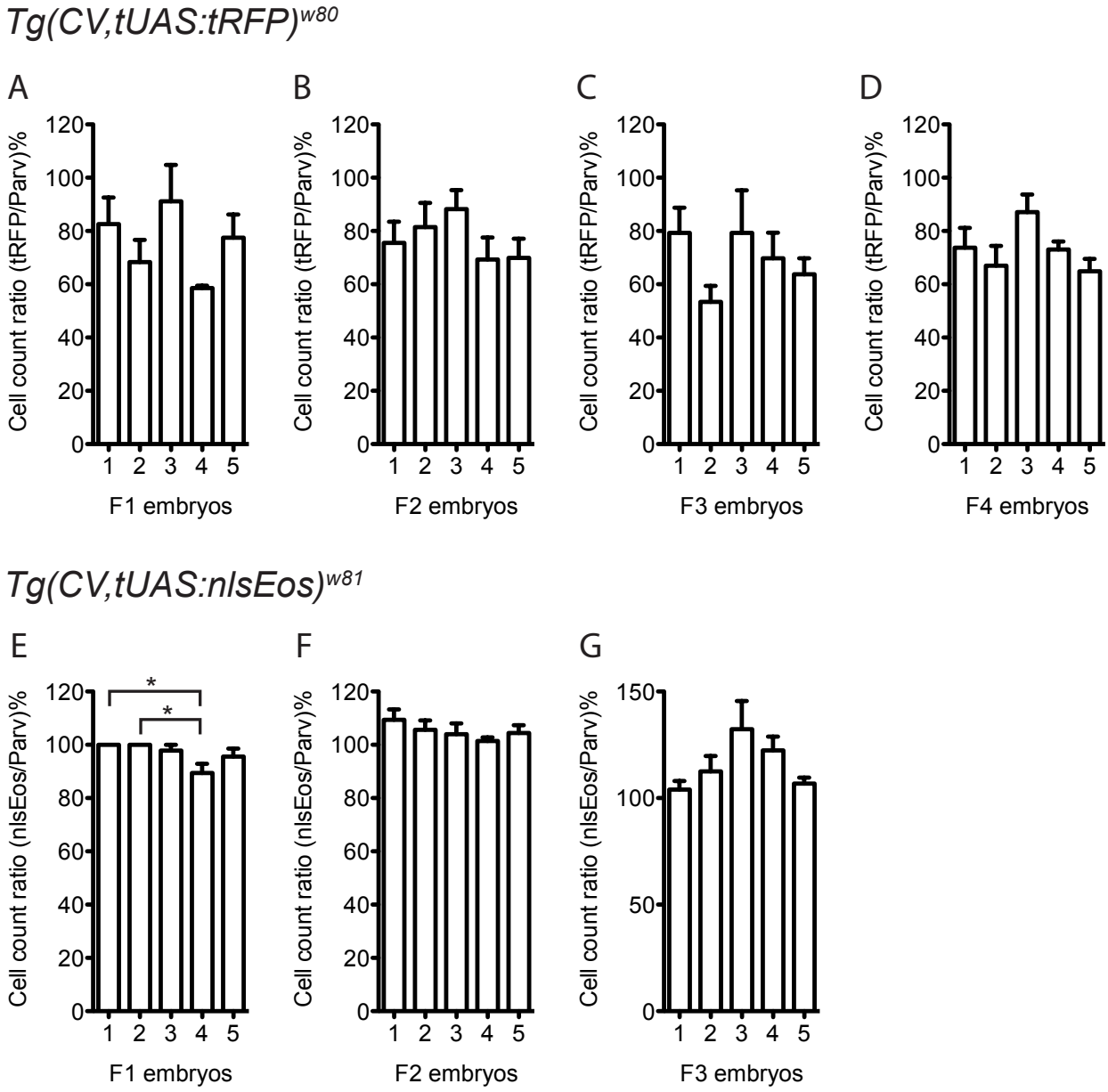

Fig. S1. *tUAS* expression is consistent between larvae of the same clutch. To determine if tUAS is silenced within a clutch we compared tRFP and nlsEos expression in five different larvae for each cross between F2 or F3 of *Tg(CC,myo6b:nlsTrpR-G4AD)*^{w83} driver line with F1-F4 of *Tg(CV,tUAS:tRFP)*^{w80} reporter line (A-D) or with F1-F3 of *Tg(CV,tUAS:nlsEos)*^{w81} reporter line (E-G). Progeny double positive for the lens markers were sorted out and stained for Parvalbumin, which labels mature hair cells. Head neuromasts, consisting of hair cell clusters, were scored for tRFP and Parvalbumin expression or nlsEos and Parvalbumin expression. In each case, hair cell expression in 5 neuromasts from each embryo at 5 dpf were analyzed and graphed. There is no statistical difference between expression in embryos of the same clutch in F1-F4 generations of *Tg(CV,tUAS:tRFP)*^{w80} and F2-F3 generations of *Tg(CV,tUAS:nlsEos)*^{w81}. We see a difference in F1 embryos of *Tg(CV,tUAS:nlsEos)*^{w81} (E), although this difference might be due to multiple insertions present in the F1 generation. In all cases, statistical analysis was 1 way ANOVA with Tukey's pair-wise column comparison post-test. Error bars show SEM. In (E), F=3.741, R^2=0.428, P=0.0198.