Figure S1: *ovo* mRNA levels following eye loss and eye regeneration.

qPCR of *ovo* was performed in untreated controls, *unc*-22 RNAi treated controls, eyeless *ovo* RNAi treated worms, and in regenerated worms where *ovo* RNAi was relieved. mRNA levels of *ovo* were referenced to the gene *GAPDH*. Compared to *unc*-22 RNAi treated controls, treatment with *ovo* RNAi resulted in a significant (p=0.035), ~67% reduction in *ovo* mRNA. Switching worms from *ovo* RNAi to *unc*-22 RNAi resulted in a significant (p=0.0002), ~147% increase in *ovo* mRNA.