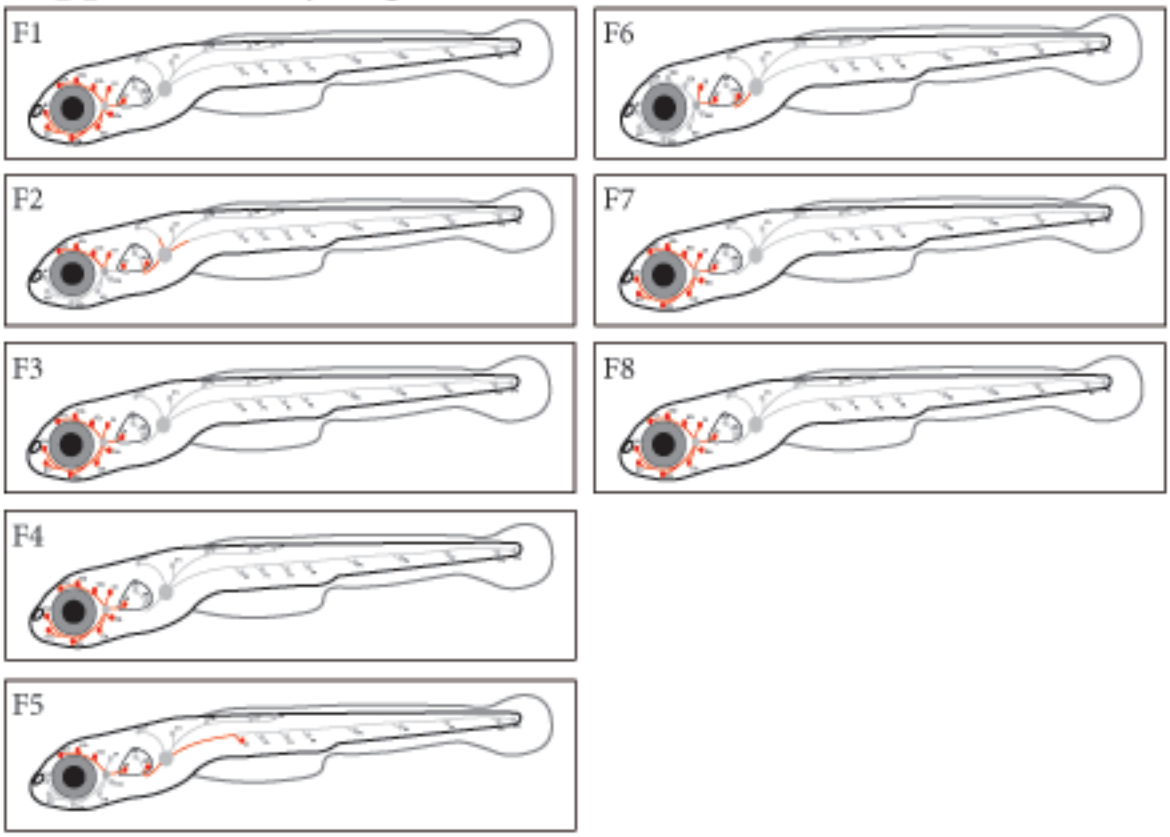Supplementary Figure 3A: REN