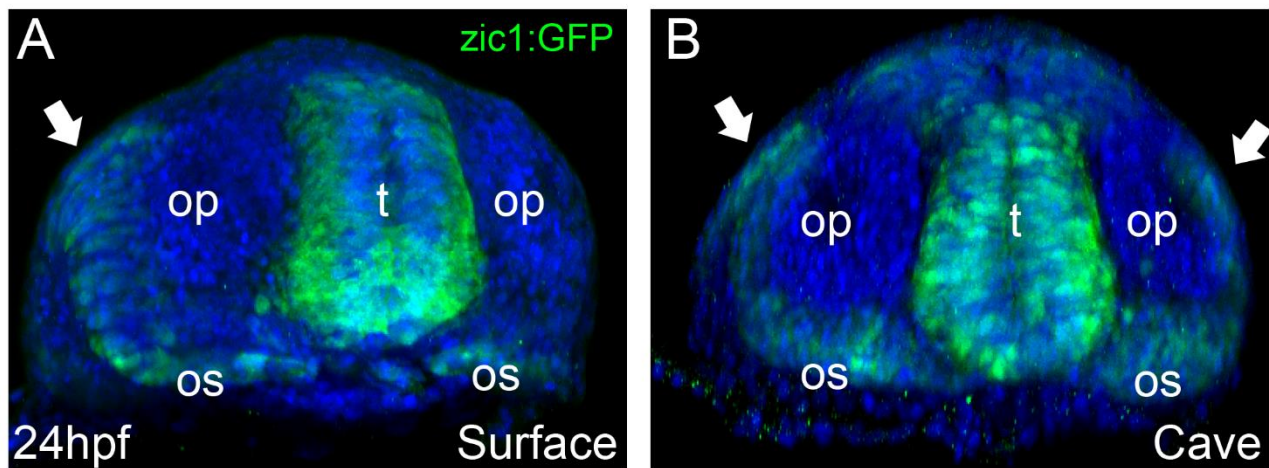


Supplementary Material

Supplementary Figures



Supplementary Figure 1. GFP expression in the forebrain of transgenic embryos *zic1:GFP*. 3D confocal reconstructions from Surface and Cavefish *zic1:GFP* transgenic embryos (**A** and **B**, respectively) at 24hpf. Images in frontal view. Arrows indicate the embryonic eyes; op, olfactory placodes; os, optic stalks; t, telencephalon.



Supplementary Figure 2. Differentiation of pigmented cells in chimeric embryo. Pigmented cell (arrow) derived from surface fish donor cells transplanted into a cavefish embryo at the blastula stage.