Supplementary Figure 1. Microarray validation. *Atoh7, tbx2b* and *foxn4* are expressed at high levels throughout the eye (A, C, E), but are highly down-regulated in *gdf6a*<sup>−/−</sup> eyes (B, D, F). *tbx4* expression is highest in the dorsal retina in WT (G) and lost in *gdf6a*<sup>−/−</sup> (H). *hmx1* is expressed in the nasal retina, lens and pharyngeal arches in WT (I), and expression is lost in *gdf6a*<sup>−/−</sup> mutant retina (J). All embryos are 2 dpf. *In situ* pictures are taken at 90X.