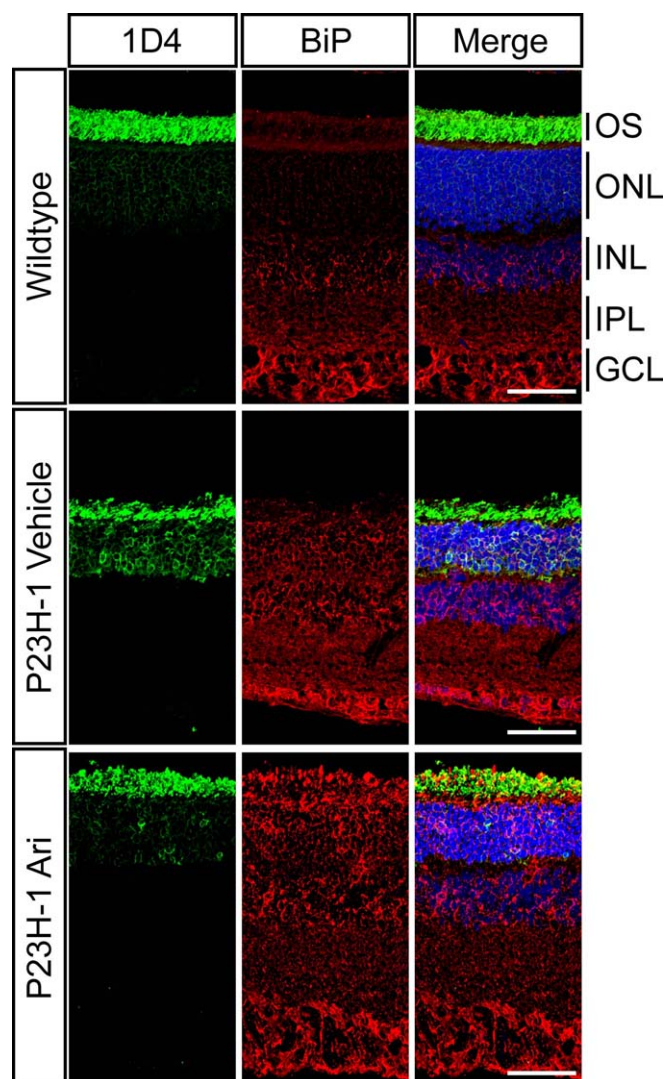


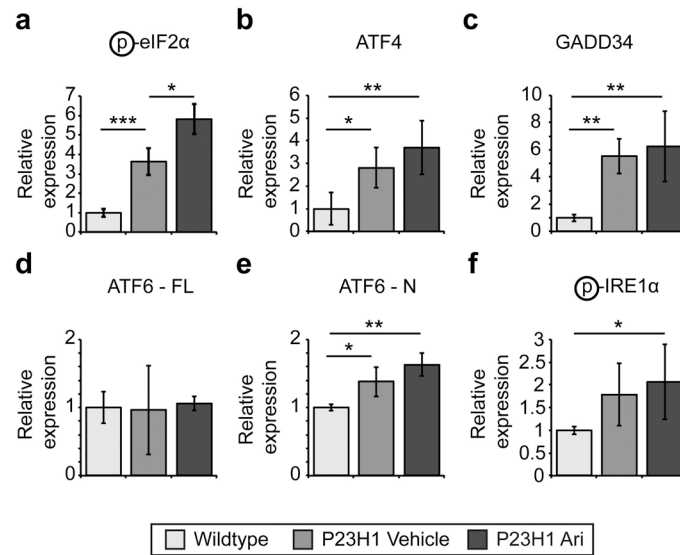
Supplementary material

The heat shock response co-inducer arimoclomol protects against retinal degeneration in rhodopsin retinitis pigmentosa

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Supplementary Figure 1. Representative images of BiP immunohistochemistry in wildtype or vehicle or arimoclomol treated P23H-1 rats at P35. Cryosections were stained with DAPI (blue), anti-rhodopsin antibody 1D4 (green) and anti-BiP (red). The different layers of the retina are indicated to the right of the image: OS = outer segment; ONL = outer nuclear layer; INL = inner nuclear layer; IPL = inner plexiform layer; GCL= ganglion cell layer. Scale bar 50 μ m



Supplementary Figure 2. Quantification of UPR marker expression levels in wildtype or vehicle or arimoclomol treated P23H-1 rats, relative to actin. Relative expression to wildtype rats was calculated by densitometric analysis. Values are mean \pm 2xSEM, $n=5$ per treatment. Statistical significance was determined using ANOVA, * = $p < 0.05$, ** = $p < 0.01$, *** = $p < 0.001$.