

Additional file 6. Genes involved in eye development and visual perception that were differentially expressed between treatments in our study.

Gene name	Symbol	Gene function	Reference
<i>Arrestin 2</i>	<i>Arr2</i>	works with rhodopsins in the maintenance of photoreceptor	[1]
<i>Calphotin</i>	<i>Cpn</i>	involved in the development of the rhabdomeres	[2]
<i>chaoptin</i>	<i>chp</i>	involved in the development of the rhabdomeres	[3]
<i>G protein beta-subunit 76C</i>	<i>Gp76C</i>	responsible for terminating the active state of light response signalling cascade	[4]
<i>neither inactivation nor afterpotential A</i>	<i>ninA</i>	required for the biogenesis of rhodopsins	[5]
<i>neither inactivation nor afterpotential C</i>	<i>ninaC</i>	encodes a rhabdomere specific protein and is required to prevent retinal degeneration	[6]
<i>no receptor potential A</i>	<i>norpA</i>	stimulated by light, contributes to the rapid temporal response of photoreceptor cells	[7]
<i>Rhodopsin 2</i>	<i>Rh2</i>	one of the four ocellar visual pigments in the major class of photoreceptor cells of the retina	[5]

References

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