

***Drosophila* Rhodopsin 7 can partially replace the structural role of Rhodopsin 1, but not its physiological function**

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Supplementary Figure 1

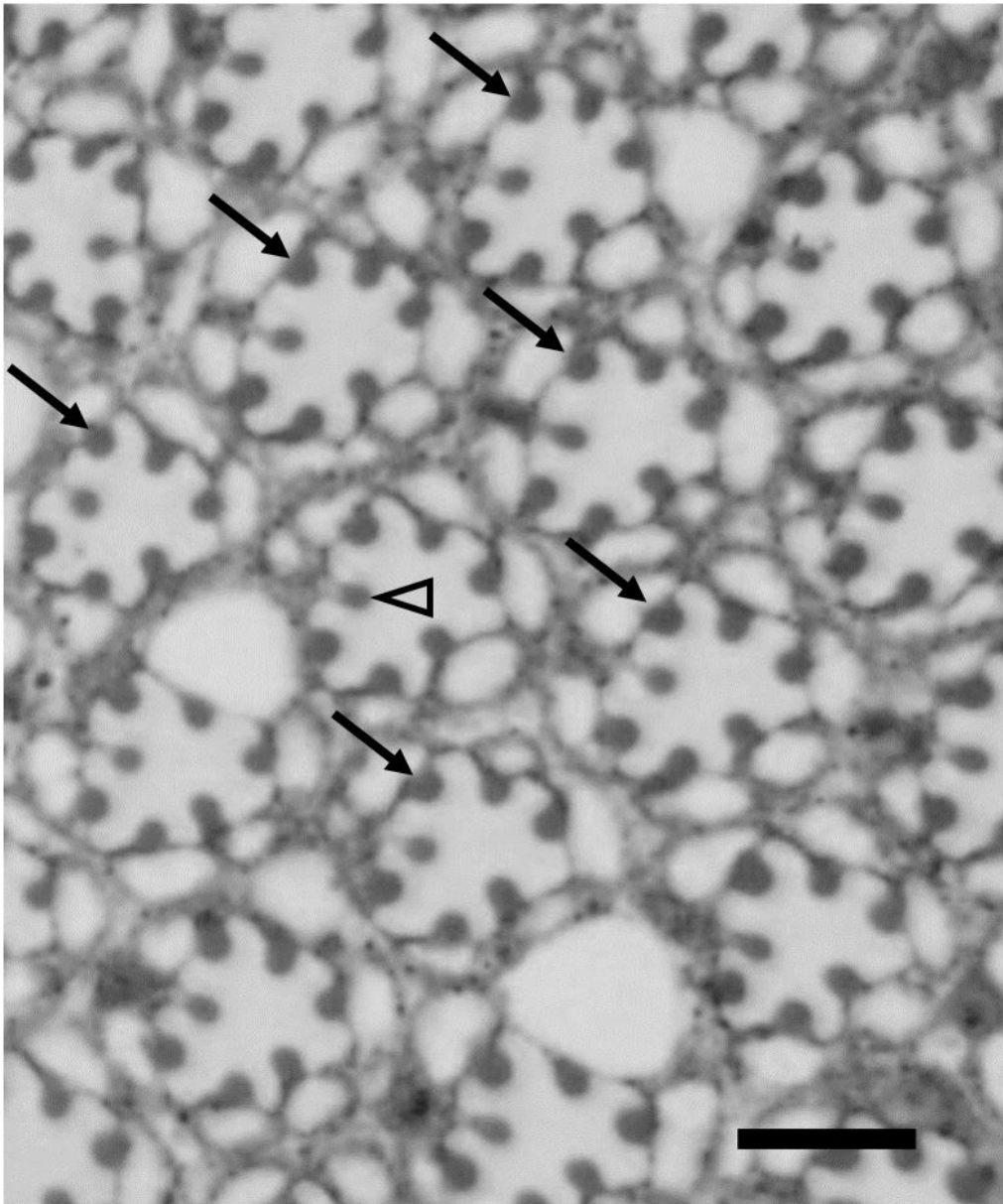


Figure S1. Flies with Rh7 instead of Rh1 in photoreceptors R1-6 maintain a quite regular structure of the rhabdomeres.

Semi-thin sections of a retina of a 10d old *Rh1-Rh7;ninaE¹⁷* fly. Arrowheads point to photoreceptor cells 1 in 6 neighboring ommatida; photoreceptor cell 7 is highlighted in the central ommatidium by an open arrowhead. Scale bar: 5 μ m.