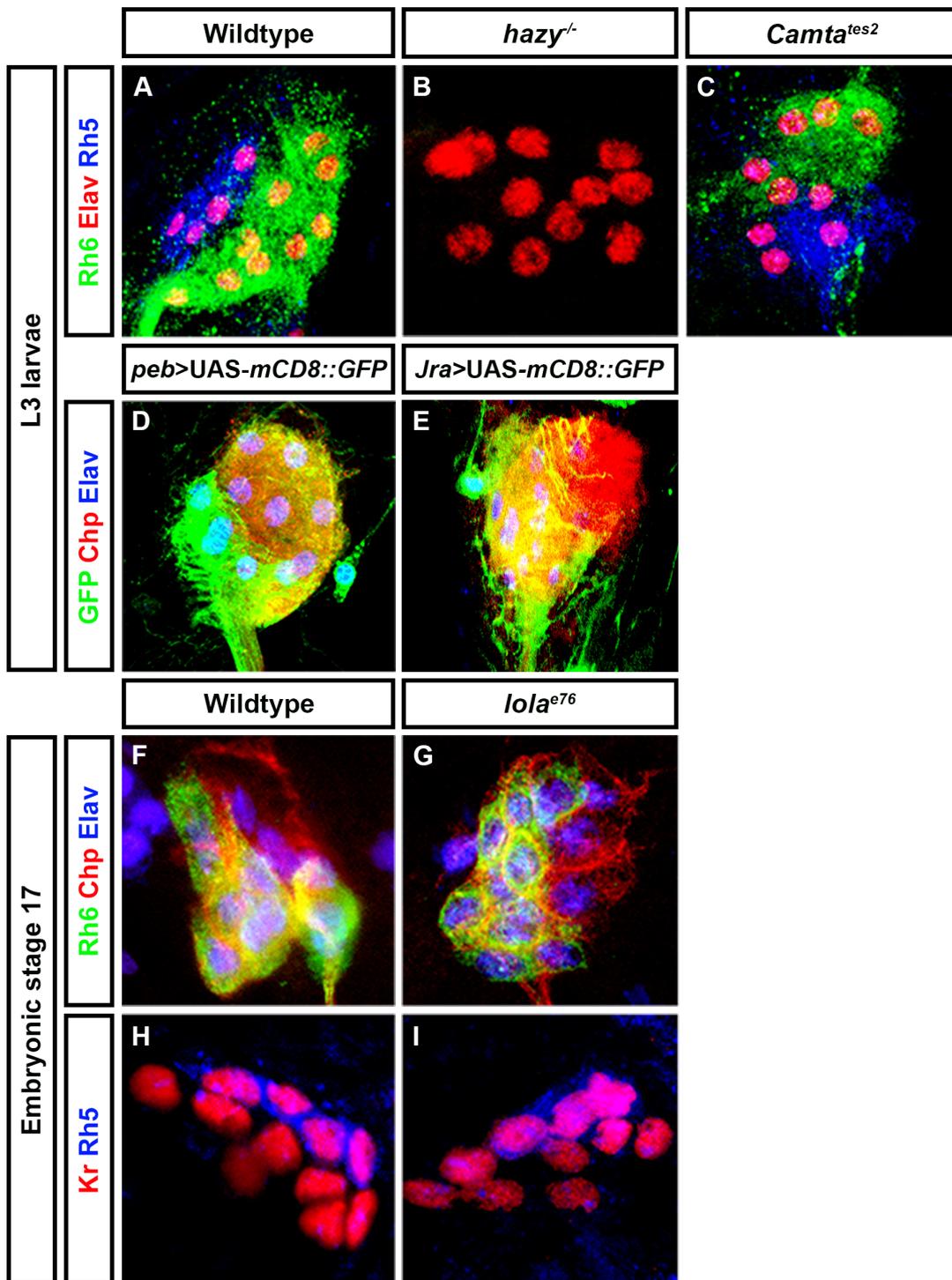


1 **Supplementary materials**

Figure S1



2

3 **Fig. S1. Expression of Rhodopsins in the Wildtype, *hazy*^{-/-}, *Camta*^{tes2} and**
 4 ***lola*^{e76} mutant larval and embryonic PRs. (A, B, C) Rh5 and Rh6 expression**
 5 **in PRs of third instar larvae in wildtype (A) as well as in *hazy*^{-/-} (B) and**

6 *Camta^{tes2}* (C) mutants. Rh5 and Rh6 expression is lost in *hazy^{-/-}* mutants
7 whereas in *Camta^{tes2}* mutants they are normally expressed. (D, E) Expression
8 analysis of Jra and Peb in the larval eye using Gal4 lines shows that they are
9 expressed in the larval PRs (F, G, H, I) Rh5 and Rh6 expression in the
10 wildtype and *lola^{e76}* mutant embryonic PRs. *lola^{e76}* mutants normally express
11 both Rh6 (G) and Rh5 (I) at this stage.