

Table S1. *mi310* is a novel touch-insensitive mutation

	Chromosome	Touch-insensitive	Reduction of Na currents in RB neurons	Reduction of programmed RB cell death	References
<i>mi310</i>	6	Yes	Yes	Yes	This study
<i>macho</i>	2	Yes	Yes	Yes	Granato et al. (1996) Ribera and Nüsslein-Volhard (1998) Svoboda et al., (2001) Gnuegge et al., (2001) Pineda et al. (2005)
<i>alligator</i>	21	Yes	Yes	N/A	Granato et al. (1996) Ribera and Nüsslein-Volhard (1998) Geisler et al. (2007)
<i>steifftier</i>	24	Yes	Yes	N/A	Granato et al. (1996) Ribera and Nüsslein-Volhard (1998) Geisler et al. (2007)
<i>brudas (crocodile)</i>	3	Yes	Yes	N/A	Granato et al. (1996) Ribera and Nüsslein-Volhard (1998) Doerre and Malicki (2002)
<i>schlaffi</i>	7	Yes	No	N/A	Granato et al. (1996) Ribera and Nüsslein-Volhard (1998) Geisler et al. (2007)
<i>fakir</i>	11	Yes	N/A	N/A	Granato et al. (1996) Geisler et al. (2007)

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