Erratum

Distinct cell killing properties of the Drosophila reaper, head involution defective, and grim genes

John P. Wing, Lei Zhou, Lawrence M. Schwartz and John R. Nambu

Cell Death and Differentiation, (1998) 5, 930-939

Unfortunately due to an error Figures 1, 2 and 4 were reproduced as black and white instead of colour.

The correct versions are printed below. We apologise for any inconvenience this may have caused.



Figure 1 grim expression induces ectopic CNS midline cell death. Immunostaining of the following stage 16 embryos using either anti- β -galactosidase serum (**A**,**B**,**E**,**F**,**G**,**H**) or Mab BP102 (**C**,**D**): (**A**,**C**) P[UAS-*lacZ*]; P[52A-*gal4*]/+ (**B**,**D**) P[UAS-*lacZ*]; P[52A-*gal4*]/P[UAS-*grim-2*] (**E**) P[UAS-*lacZ*]; P[52A-*gal4*]/P[UAS-*grim-3*] + (**F**) P[UAS-*lacZ*]; P[52A-*gal4*]/P[UAS-*grim-2*] and (**H**) P[UAS-*lacZ*]; P[52A-*gal4*]/P[UAS-*grim-2*] and (**H**) P[UAS-*lacZ*]; P[52A-*gal4*]/P[UAS-*grim-2*] and (**H**) P[UAS-*lacZ*]/P[UAS-*hid*]; P[52A-*gal4*]/P[UAS-*grim-2*]. (**A**) Note that β -gal expression is normally detected in both midline glia at the dorsal aspect of the nerve cord and the VUM neurons at the ventral region of the nerve cord. Inset shows a higher magnification view of the A2 segment (marked by *) and indicates midline glia (g) and VUM neurons (v). (**C**) The axon scaffold of these embryos exhibits a wild-type organization of longitudinal connectives (1) and commissural axon bundles (c). (**B**) Expression of P[UAS-*grim-2*] typically results in the loss of midline glia (arrows) as well as VUM neurons. (**F**) *grim*-induced ectopic midline cell death is blocked by co-expression of the baculovirus p35 protein. (**G**,**H**) Co-expression of *grim* and *raper* (**G**) or *grim* and *hid* (**H**) result in a complete elimination of the midline glia as well as swell as swell as swell as not a disence of midline cell death induced by expression of *reaper* or *hid* alone (Zhou *et al*, 1997). All views are sagittal with anterior to left and dorsal up



Figure 2 *diap2* does not block *grim*-induced CNS midline cell death. Anti- β -galactosidase staining of the following stage 16 embryos: (**A**) P[UAS-*lacZ*]; P[52A-*gal4*]/P[UAS-*grim*]; P[UAS-*diap2*]/+ and (**B**) P[UAS-*lacZ*]/P[UAS-*reaper*]-P[UAS-*hid*]; P[52A-*gal4*]/+; P[UAS-*diap2*]/+. Note that *diap2* fails to block *grim*-induced midline cell death (**A**), as several segments still lack midline glia (arrows). *diap2* does block midline cell deaths induced by co-expression of *reaper* and *hid*, (**B**), as wild-type numbers of cells are detected. All views are sagittal with anterior to left and dorsal up



