

**Supplemental Figure 3**. Detection of  $Zn^{2+}$  in maize embryos by Zinquin. Localization of  $Zn^{2+}$  in WT developing embryos cultured for 7 days in the P medium supplemented with 300 uM  $ZnSO_4$  ( $Zn^{2+}$ ) or with 5 uM of the  $Zn^{2+}$  chelator TPEN. See material and methods for details. Scale bars = 30 um

Fig. S3