



Fig. 3. Subcellular localisation of *OsDLK* in response to cold stress in etiolated coleoptiles of *O. sativa ssp. japonica* 'Nipponbare' visualised by a GFP fusion. **A** Representative epidermal cell after biolistic transformation (overlay of GFP signal on the differential interference contrast image). **B-E** *OsDLK*-GFP signal collected by spinning disc microscopy prior to (**B, D**) and 2 h (**C, E**) after administering cold stress (0°C). Survey images (**B, C**) and zoom-ins of the region highlighted by the white boxes (**D, E**) are shown. White arrows in (**D, E**) indicate cortical microtubules (**D**) that are eliminated under cold stress. Note the shift of the nucleus (nu) towards the cell apex concomitant to the elimination of microtubules (**B, C**).