

**Figure S2. Subcellular compartmentation in *Arabidopsis thaliana* Col-0 (a) and wheat (b) mesophyll cells of plants exposed to normal light conditions (white light at 250 µmol m-2 s-1) without glutathione-specific immunohistochemical labelling.** Representative TEM images show parts of mesophyll cells. C = chloroplasts with starch (S), M = mitochondria and V = vacuoles. Bars =1µm.