

**Figure S4. Subcellular distribution of glutathione in *Arabidopsis thaliana* *pad2-1* grown under various light conditions**. Representative TEM images show compartment-specific glutathione distribution (dark dots, arrowhead) in parts of mesophyll cells from plants exposed to a: normal light (NL), b: high light (HL) and c: far-red light (FRL). C = chloroplasts with starch (S), M = mitochondria, N = nucleus, V = vacuoles. Bars =1µm.