



Figure 7

Light-induced hydroxyl radical formation in SD and LD leaf disks of mutants affected in LTO1, 2-Cys-PRX (*prxab*), CcdA (*ccda3* and *ccda4*) and Cyt c_{6A} .

Generation of hydroxyl radicals originating from $O_2^{\bullet-}/H_2O_2$ was detected in leaves by spin trapping with 4-POBN. Grey bars: SD, white bars: LD. All EPR signals were normalized to the signal of SD thylakoids without addition (100%). Mean values are shown (n=8, 2-3 biological replicates; *, $P < 0.05$ (comparison between growth conditions for each genotype) according to Tukey test.