



Additional file 1. Effect of cold treatment on F_v/F_m in individual leaves (leaf position 6) of the *jar1-1* (A) and *coi1-16* (B) mutants and their respective wild types, Col-0 and Col-*gl*. The plants were grown in compost at 20°C until day 39 and then either kept at 20°C (red symbols) or transferred to 4°C (blue symbols) for the remainder of the experiment. Data are means of 5 plants \pm SE. The asterisks indicate significant differences for each timepoint (one-way ANOVA; * $P < 0.05$; ** $P < 0.01$; *** $P < 0.001$). Different letters indicate differences between the temperature treatments or genotypes (Tukey's HSD post-hoc test; $P < 0.05$).