

Table S3. (a) Influence of photostress of different duration and melatonin on the parameter Fv/Fm in the wild type; (b) Influence of different melatonin pretreatment times on its protective properties under photostress (TBARs). Different letters denote statistically significant differences between variants within the same genotype at $p < 0.05$ (ANOVA with post hoc Tukey's multiple-comparison test)

(a)	
Conditions	Values
3 h	
Control	0.809±0.007 ^a
Stress	0.625±0.014 ^b
Control + melatonin	0.810±0.011 ^a
Stress + melatonin	0.673±0.019 ^c
9 h	
Control	0.812±0.015 ^a
Stress	0.602±0.018 ^b
Control + melatonin	0.806±0.009 ^a
Stress + melatonin	0.635±0.020 ^b
24 h	
Control	0.815±0.014 ^a
Stress	0.427±0.017 ^b
Control + melatonin	0.808±0.012 ^a
Stress + melatonin	0.651±0.024 ^c
(b)	
Conditions	Values
24 h	
Control	2.356±0.128 ^a
Stress	10.011±0.715 ^b
Control + melatonin	2.504±0.089 ^a
Stress + melatonin	8.011±0.077 ^c
72 h	
Control	2.772±0.144 ^a
Stress	9.518±0.807 ^b
Control + melatonin	2.824±0.196 ^a
Stress + melatonin	5.877±0.442 ^c