

**Table S2.** Statistical analysis of values of typical transient points O, K, J, I and P of the chlorophyll *a* fluorescence induction curves presented on figure 3 A, C, E and G. Oilseed rape plants of cultivar Feliks, Pantheon, President and Rokas were not acclimated (NA), cold acclimated (CA) and deacclimated (DA). Average values  $\pm$ SD marked with the same letters did not differ significantly at  $p \leq 0.05$  according to Duncan's test.

Treatment	O	K	J	I	P
Feliks NA	4998 $\pm$ 407 a	6018 $\pm$ 525 a	11397 $\pm$ 956 a	14044 $\pm$ 1075 a	27848 $\pm$ 1646 a
Feliks CA	6173 $\pm$ 973 b	7486 $\pm$ 1433 b	14227 $\pm$ 2632 b	16692 $\pm$ 2549 b	24589 $\pm$ 6640 b
Feliks DA	5131 $\pm$ 440 a	6160 $\pm$ 665 a	11515 $\pm$ 1083 a	14810 $\pm$ 1351 a	25741 $\pm$ 1283 a
Pantheon NA	4788 $\pm$ 236 a	5729 $\pm$ 374 a	11070 $\pm$ 889 a	14060 $\pm$ 1188 a	25569 $\pm$ 2152 a
Pantheon CA	6020 $\pm$ 598 b	7339 $\pm$ 1010 b	14346 $\pm$ 2174 b	17021 $\pm$ 2432 b	27553 $\pm$ 4097 a
Pantheon DA	4871 $\pm$ 565 a	5776 $\pm$ 892 a	10723 $\pm$ 1468 a	14421 $\pm$ 1809 a	24718 $\pm$ 1646 a
President NA	4831 $\pm$ 142 a	5751 $\pm$ 176 a	11152 $\pm$ 564 a	14073 $\pm$ 789 a	27703 $\pm$ 1196 a
President CA	5920 $\pm$ 738 b	7197 $\pm$ 1131 b	14237 $\pm$ 2054 b	16716 $\pm$ 2075 b	27564 $\pm$ 3039 a
President DA	5181 $\pm$ 552 a	6259 $\pm$ 912 a	11812 $\pm$ 1637 a	20720 $\pm$ 1967 c	26070 $\pm$ 1255 a
Rokas NA	4605 $\pm$ 172 a	5461 $\pm$ 259 a	10564 $\pm$ 827 a	13556 $\pm$ 1158 a	26217 $\pm$ 1206 a
Rokas CA	6456 $\pm$ 988 b	7895 $\pm$ 1711 b	14468 $\pm$ 3526 b	16831 $\pm$ 3753 b	23544 $\pm$ 6869 b
Rokas DA	5030 $\pm$ 478 c	5899 $\pm$ 695 a	10618 $\pm$ 1205 a	14309 $\pm$ 1445 a	24241 $\pm$ 2116 a