

Table 2S. The effects of artificial PSII acceptors on differences in F_m induced by multiple turnover (HFM) and single turnover (LF) excitations and on the half-times of relaxation of variable fluorescence from HFM $\rightarrow F_0$.

	Spinach thylakoids		Chlamydomonas WT	
	HFM/LF	$\tau_{1/2}$ [ms]	HFM/LF	$\tau_{1/2}$ [ms]
no addition	1.65	600	1.44	67
far red light	1.62	150	1.40	20
ferricyanide, 25 μ M	1.48	15	N.D.	N.D.
2,6-DCBQ, 10 μ M	1.30	10	0.80	10
2,5-DMBQ, 20 μ M	1.41	14	0.90	12