Table 1 | Spectral characteristics and parameters of refolding and refolding/maturation kinetics

Fluorescent protein	ε (λ_{max})*	QY (λ_{max})‡	Refolding half-time (s)	Maturation half-time (s)	k_{ox} (10^{-4} s^{-1})
EGFP	55,000 (489)	0.60 (509)	90.6	3,915	1.77
Venus§	110,000 (515)	0.63 (527)	46.2	4,076	1.70
SYFP2§	101,000 (515)	0.68 (527)	69.3	3,300	2.10
TurboGFP	70,000 (482)	0.53 (502)	11.0	1,468	4.72
TurboGFP-V197L	73,000 (482)	0.47 (502)	9.5	2,493	2.78

Protein refolding and maturation were followed by measuring the recovery of fluorescence at 25 °C. Maturation rate constants (k_{ox}) were determined by computer-fitting the kinetic data to the first-order exponential decay (Origin 6.0).
EGFP, enhanced green fluorescent protein; GFP, green fluorescent protein.
*Extinction coefficient (M^{-1} cm^{-1}) with excitation maximum (nm) in parentheses.
‡Quantum yield with emission maximum (nm) in parentheses.
§Data from Kremers *et al* (2006).