Protein	Excitation peak, nm	Emission peak, nm	EC, M^{-1} cm^{-1}	QY	Relative brightness	pKa	Non-comprehensive notes*	Reference/Source
AmCyan1	458	489	39,000	0.75	0.89	-	T	(275, 499)
Midori-Ishi Cyan	472	495	27,300	0.90	0.74	6.6	D, B+, pH-	(200)
copGFP (ppluGFP2)	482	502	70,000	0.60	1.26	4.3	T, B+, pH+, Ps+, Mat+, Ag-	(383)
TurboGFP	482	502	70,000	0.53	1.12	5.2	D, B+, pH+, Ps+, Mat+	(103)
ZsGreen	493	505	43,000	0.91	1.19	-	T, B+	(275, 499)
TurboYFP	525	538	105,000	0.53	1.69	5.9	D, B+, Ps+, Mat+	(383)
ZsYellow1	529	539	20,000	0.65	0.39	-	T	(275, 499)
TurboRFP	553	574	92,000	0.67	1.87	4.4	D, B+, pH+, Mat+	(285)
dTomato	554	581	69,000	0.69	1.44	-	D, B+, Ps+	(384)
DsRed2	563	582	43,800	0.55	0.73	-	T, B+	(275, 499)
DsRed-Express	555	584	38,000	0.51	0.59	-	T, Ps+, Mat+	(42)
DsRed-Express2	554	591	35,600	0.42	0.45	-	T, Ps+, Mat+	(415)
DsRed-Max	560	589	48,000	0.41	0.60	-	T, Ps-, Mat+	(415)
AsRed2	576	592	61,000	0.21	0.39	-	T	(275)
TurboFP602	574	602	74,400	0.35	0.79	4.7	D, B+, pH+, Mat+, Ps-	Evrogen
RFP611	555	606	120,000	0.48	1.75	-	T, B+, Ps-	(227)
Katushka	588	635	65,000	0.34	0.67	5.5	D, B+, pH+, Ps+, Mat+	(388)
Katushka2	588	633	69,000	0.37	0.77	5.5	D, B+, pH+, Ps+, Mat+	(389)
AQ143	595	655	90,000	0.04	0.11	-	T, B-	(394)

FIG. 14. Selected dimeric and tetrameric FPs (updated 2009). *"Noncomprehensive" means that absence of information does not imply any bad or good characteristics. T, tetrameric; D, dimeric; B−, low brightness; Ps−, low photostability; pH−, low pH stability; Ag−, aggregation; Ps+, high photostability; pH+, high pH stability; mat+, fast maturation; B+, high brightness.