

Protein (Acronym)	Excitation Max (nm)	Emission Max (nm)	Quantum Yield	<i>In Vivo</i> Structure	Relative Brightness
GFP (wt)	395/475	509	0.77	Monomer	48
<b>GREEN</b>	488 nm				
EGFP	484	507	0.60	Monomer	100
AcGFP	480	505	0.55	Monomer	82
TurboGFP	482	502	0.53	Monomer	110
Emerald	487	509	0.68	Monomer	116
Azami Green	492	505	0.74	Monomer	121
ZsGreen	493	505	0.91	Tetramer	117
<b>BLUE</b>	405 nm				
EBFP	383	445	0.31	Monomer	27
Sapphire	399	511	0.64	Monomer	55
T-Sapphire	399	511	0.60	Monomer	79
<b>CYAN</b>	405 nm				
ECFP	439	476	0.40	Monomer	39
mCFP	433	475	0.40	Monomer	39
Cerulean	433	475	0.62	Monomer	79
CyPet	435	477	0.51	Monomer	53
AmCyan1	458	489	0.24	Tetramer	31
Midori-Ishi Cyan	472	495	0.90	Dimer	73
mTFP1 (Teal)	462	492	0.85	Monomer	162
<b>YELLOW</b>	488 nm				
EYFP	514	527	0.61	Monomer	151
Topaz	514	527	0.60	Monomer	169
Venus	515	528	0.57	Monomer	156
mCitrine	516	529	0.76	Monomer	174
YPet	517	530	0.77	Monomer	238
PhiYFP	525	537	0.39	Monomer	144
ZsYellow1	529	539	0.42	Tetramer	25

mBanana	540	553	0.70	Monomer	13
<i>ORANGE</i>					
Kusabira Orange	548	559	0.60	Monomer	92
mOrange	548	562	0.69	Monomer	146
<i>RED</i>	532 nm-561 nm				
dTomato	554	581	0.69	Dimer	142
dTomato-Tandem	554	581	0.69	Monomer	283
DsRed	558	583	0.79	Tetramer	176
DsRed2	563	582	0.55	Tetramer	72
DsRed-Express (T1)	555	584	0.51	Tetramer	58
DsRed-Monomer	556	586	0.10	Monomer	10
mTangerine	568	585	0.30	Monomer	34
mStrawberry	574	596	0.29	Monomer	78
AsRed2	576	592	0.05	Tetramer	8
mRFP1	584	607	0.25	Monomer	37
JRed	584	610	0.20	Dimer	26
mCherry	587	610	0.22	Monomer	47
HcRed1	588	618	0.02	Dimer	1
mRaspberry	598	625	0.15	Monomer	38
HcRed-Tandem	590	637	0.04	Monomer	19
<i>FAR-RED</i>	561 nm-594 nm				
mPlum	590	649	0.10	Monomer	12
AQ143	595	655	0.04	Tetramer	11