

Number	BODIPY	$\lambda_{\max}$	I_w	I_E	I_E/I_w	I_{med}	I_{BY2}	$I_{\text{med}}/I_{\text{BY2}}$		BY2 imaging	
NB159	BDMPA3-H6	580	416	3164	7.6	650	96045	147.8	590	+	
NB166	BDMPA3-G7	580	393	2570	6.5	363	51356	141.5	590	-	
NB171	BDMPA3-G8	590	751	3959	5.3	641	54420	84.9	580	-	
NB10	BDMPA1-F3	585	620	6299	10.2	415	30201	72.8	580	+(1/2)	
NB188	BDMPA3-E11	580	462	3343	7.2	812	58866	72.5	585	+	
NB2	BDMPA1-C2	590	304	7733	25.4	251	17323	69	585	+	
NB176	BDMPA3-G9	580	784	4290	5.5	514	27484	53.5	585	-	
NB17	BDMPA1-A5	585	677	6206	9.1	458	23090	50.4	580	-	
NB1	BDMPA1-A2	590	2050	21983	10.7	1932	95223	49.3	585	+(1/2)	
NB178	BDMPA3-A10	590	593	5514	9.3	1761	86809	49.2	585	+(1/2)	
NB158	BDMPA3-G6	580	1074	8315	7.7	916	43781	47.8	580	+	
211	BDMPA3-G4 Ex/em 570/579	600	418	2390	5.8	2647	72160	27.3	580	+++	
NB24	BDMPA1-A6	585	268	4284	15.9	1985	53108	26.7	580	+	
NB14	BDMPA1-D4	585	1226	13722	11.2	1900	47614	25.06	580	+	
NB88	BDMPA1-C3	585	1038	13295	12.8	1597	24507	15.3	580	+	
NB189	BDMPA3-G11	580	828	5013	6.0	1429	19388	13.6	580	+-	
NB5	BDMPA1-G2	585	2277	12097	5.3	2805	37308	13.3	580	-	
192	BDMPA1-D2 Ex/em 577/612	600	88	1033	11.7	220	2764	12.6	580	-	
205	BDMPA2-H10 Ex/em 579/616	600	429	2739	6.4	444	5478	12.3	580	+++	
228	BDMPA2-D9 Ex/em 571/604	600	452	3330	7.4	366	4370	11.9	580	+	
NB18	BDMPA1-B5	585	3951	23178	5.8	6531	63431	9.7	580	++	
NB26	BDMPA1-C6	585	512	2693	5.3	1205	9026	7.5	580	-	
NB3	BDMPA1-E2	585	673	3619	5.4	884	6332	7.2	580	-	
NB12	BDMPA1-B4	585	2475	14249	5.7	5851	40394	6.9	580	+	
NB32	BDMPA1-B7	585	193	994	5.2	140	932	6.6	580	-	
232	BDMPA1-A3 Ex/em 606/693	600	88	1033	11.7	351	1448	4.1	585	++	
206	BDMPA3-D2 Ex/em 587/644	600	160	879	5.5						
NB168	BDMPA3-B8	580	885	4871	5.5						

NB119	BDMPA2-D10	600	744	3705	5.0						
NB109	BDMPA2-A9	580	520	2544	4.9						
NB186	BDMPA3-B11	580	1342	6574	4.9						
NB161	BDMPA3-B7	585	742	3557	4.8						
217	BDMPA3-H8 Ex/em 579/647	605	388	1831	4.7						
NB162	BDMPA3-C7	580	5041	23479	4.6						
NB169	BDMPA3-E8	580	859	3988	4.6						
190	BDMPA3-H11	585	810	3695	4.6						
214	BDMPA3-H7 Ex/em 579/647	605	391	1755	4.5						
227	BDMPA2-G8 Ex/em 568/NN	600	592	2511	4.2						
NB6	BDMPA1-H2	585	527	2199	4.2						
NB151	BDMPA3-G5	580	780	3285	4.2						
230	BDMPA2-F11 Ex/em 549/566	600	686	2852	4.1						
199	BDMPA1-H8 Ex/em 573/595	600	497	1960	4.0						
215	BDMPA3-C8 Ex/em 583/639	600	195	776	4.0						
210	BDMPA3-B4 Ex/em 579/653	605	113	447	4.0						
191	BDMPA1-B2 Ex/em 590/nn	600	47	192	4.0						
239	BDMPA1-F9 Ex/em 580/NN	600	497	1965	3.9						
NB13	BDMPA1-C4	585	1372	5296	3.8						
218	BDMPA3-D10 Ex/em 576/626	600	289	1080	3.7						
NB149	BDMPA3-E5	585	1266	4558	3.6						
187	BDMPA3-D11	580	4893	17859	3.6						
NB11	BDMPA1-H3	585	1937	6155	3.5						
213	BDMPA3-D6 Ex/em 577/580	600	502	1722	3.4						
NB165	BDMPA3-F7	580	2524	8664	3.4						

NB175	BDMPA3-F9	580	2977	10022	3.4						
212	BDMPA3-D9 Ex/em 575/nn	600	512	1715	3.3						
209	BDMPA3-D3 Ex/em 587/637	605	122	400	3.3						
NB15	BDMPA1-E4	585	1282	4272	3.3						
NB177	BDMPA3-H9	580	2604	8723	3.3						
NB173	BDMPA3-B9	580	3064	9825	3.2						
NB174	BDMPA3-E9	580	2679	8511	3.2						
185	BDMPA3-A11	580	3227	10476	3.2						
208	BDMPA3-G2 Ex/em 578/nn	600	569	1767	3.1						
207	BDMPA3-F2 Ex/em 583/nn	600	154	479	3.1						
202	BDMPA2-F7 Ex/em 574/678	600	101	322	3.1						
NB4	BDMPA1-F2	585	11368	35375	3.1						
NB139	BDMPA3-H3	580	1761	5503	3.1						
NB164	BDMPA3-E7	580	7025	21779	3.1						
198	BDMPA1-D8 Ex/em 581/653	600	165	492	3.0						
238	BDMPA1-E9 Ex/em 615/687	600	165	492	3.0						
204	BDMPA2-F8 Ex/em 584/670	600	138	424	3.0						
NB110	BDMPA2-B9	580	1016	3096	3.0						
229	BDMPA2-E11 Ex/em 530/543	600	313	899	2.9						
NB19	BDMPA1-C5	580	685	2011	2.9						
NB22	BDMPA1-G5	580	1432	2842	2.9						
NB145	BDMPA3-H4	590	1862	5343	2.9						
NB170	BDMPA3-F8	580	3677	10735	2.9						
183	BDMPA3-G10	580	3475	10004	2.9						
223	BDMPA2-C3 Ex/em 594/625	605	556	1507	2.8						
NB16	BDMPA1-H4	585	1470	4120	2.8						

NB43	BDMPA1-B9	580	681	1914	2.8						
NB45	BDMPA1-D9	580	891	1936	2.7						
NB28	BDMPA1-F6	595	715	1832	2.6						
216	BDMPA3-D8 Ex/em 582/626	605	210	517	2.5						
NB160	BDMPA3-A7	585	401	1016	2.5						
184	BDMPA3-H10	580	2046	5031	2.5						
NB46	BDMPA1-G9	580	770	1841	2.4						
NB131	BDMPA3-E2	580	1446	3534	2.4						
NB131	BDMPA3-E2	580	1446	3534	2.4						
NB152	BDMPA3-H5	580	1773	4253	2.4						
NB172	BDMPA3-A9	580	5597	13501	2.4						
200	BDMPA1-D11 Ex/em 572/588	600	385	882	2.3						
NB39	BDMPA1-E8	580	443	939	2.3						
NB142	BDMPA3-D4	580	2076	4770	2.3						
NB148	BDMPA3-C5	580	8626	20329	2.3						
NB7	BDMPA1-B3	585	460	1005	2.2						
NB60	BDMPA1-F11	580	759	1666	2.2						
NB143	BDMPA3-E4	580	6544	14876	2.2						
NB147	BDMPA3-B5	580	3203	7060	2.2						
NB80	BDMPA2-E4	580	581	1199	2.1						
NB92	BDMPA2-C6	580	576	1240	2.1						
NB108	BDMPA2-H8	580	900	1924	2.1						
224	BDMPA2-C4 Ex/em 542/565	605	1405	2826	2.0						
NB21	BDMPA1-F5	590	1124	2250	2.0						
NB104	BDMPA2-B8	595	366	734	2.0						
NB144	BDMPA3-F4	580	3252	6390	2.0						
NB154	BDMPA3-B6	580	1038	2110	2.0						
219	BDMPA3-C11 Ex/em 580/654	600	1202	2302	1.9						
236	BDMPA1-E6 Ex/em 612/700	600	1041	1949	1.9						
196	BDMPA1-D7 Ex/em 574/598	600	1041	1946	1.9						

235	BDMPA1-D5 Ex/em 589/621	580	226	430	1.9						
NB37	BDMPA1-A8	585	885	1696	1.9						
NB99	BDMPA2-B7	580	2054	3791	1.9						
NB132	BDMPA3-H2	580	1969	3807	1.9						
NB137	BDMPA3-F3	580	401	775	1.9						
NB132	BDMPA3-H2	580	1969	3807	1.9						
NB137	BDMPA3-F3	580	401	775	1.9						
NB155	BDMPA3-C6	580	6306	12206	1.9						
NB167	BDMPA3-A8	580	1403	2748	1.9						
237	BDMPA1-E7 Ex/em 590/649	600	435	781	1.8						
NB27	BDMPA1-D6	580	1493	2723	1.8						
NB63	BDMPA2-A2	585	586	1068	1.8						
NB87	BDMPA2-D5	580	621	1093	1.8						
NB100	BDMPA2-C7	580	752	1344	1.8						
NB129	BDMPA3-B2	580	11907	21839	1.8						
NB129	BDMPA3-B2	580	11907	21839	1.8						
NB156	BDMPA3-E6	580	8361	15057	1.8						
NB157	BDMPA3-F6	580	4441	7880	1.8						
203	BDMPA2-H7 Ex/em 576/614	600	516	903	1.7						
197	BDMPA1-B8 Ex/em 577/630	605	490	814	1.7						
NB20	BDMPA1-E5	580	781	1346	1.7						
NB29	BDMPA1-G6	580	1811	3154	1.7						
NB53	BDMPA1-F10	580	1779	3040	1.7						
NB61	BDMPA1-G11	580	1593	2699	1.7						
NB72	BDMPA2-B3	580	1141	1885	1.7						
NB111	BDMPA2-C9	580	798	1342	1.7						
NB146	BDMPA3-A5	580	1697	2913	1.7						
NB150	BDMPA3-F5	580	15639	26672	1.7						
NB153	BDMPA3-A6	580	3244	5481	1.7						
NB163	BDMPA3-D7	580	4702	7824	1.7						
NB30	BDMPA1-H6	580	1475	2310	1.6						
NB33	BDMPA1-C7	590	3408	3940	1.6						
NB35	BDMPA1-G7	580	1116	1829	1.6						
NB49	BDMPA1-B10	585	1586	2490	1.6						

NB51	BDMPA1-D10	580	4823	5619	1.6						
NB58	BDMPA1-C11	580	4527	4815	1.6						
NB97	BDMPA2-H6	580	778	1244	1.6						
NB101	BDMPA2-E7	580	1645	2603	1.6						
NB135	BDMPA3-C3	580	1989	3222	1.6						
NB135	BDMPA3-C3	580	1989	3222	1.6						
NB140	BDMPA3-A4	580	4896	8114	1.6						
NB141	BDMPA3-C4	580	14624	23099	1.6						
182	BDMPA3-F10	580	2951	4860	1.6						
225	BDMPA2-A6 Ex/em 542/568	600	3295	5081	1.5						
194	BDMPA1-G7 Ex/em 572/608	600	539	812	1.5						
234	BDMPA1-G4 Ex/em 599/568	600	539	812	1.5						
220	BDMPA3-F11 Ex/em 576/625	600	494	756	1.5						
NB23	BDMPA1-H5	580	1842	2776	1.5						
NB57	BDMPA1-B11	595	1009	1568	1.5						
NB103	BDMPA2-A8	580	756	1127	1.5						
NB125	BDMPA2-C11	580	936	1430	1.5						
NB125	BDMPA2-C11	580	936	1430	1.5						
201	BDMPA2-G5 Ex/em 582/nn	600	128	183	1.4						
231	BDMPA2-H11 Ex/em 6232/NN	580	87	126	1.4						
NB36	BDMPA1-H7	580	1046	1505	1.4						
NB42	BDMPA1-A9	580	620	872	1.4						
NB74	BDMPA2-E3	580	2343	3197	1.4						
NB88	BDMPA2-E5	580	2534	3484	1.4						
NB93	BDMPA2-D6	580	527	761	1.4						
NB96	BDMPA2-G6	580	1034	1487	1.4						
NB107	BDMPA2-E8	580	1979	2774	1.4						
179	BDMPA3-B10	580	9154	12637	1.4						
181	BDMPA3-E10	580	1861	2564	1.4						
193	BDMPA1-E3 Ex/em 591/nn	600	151	198	1.3						
233	BDMPA1-A4	600	151	198	1.3						

	Ex/em 598/737										
NB9	BDMPA1-D3	585	4040	5126	1.3						
NB34	BDMPA1-F7	580	2846	3815	1.3						
NB48	BDMPA1-A10	580	2118	2699	1.3						
NB50	BDMPA1-C10	580	1669	2149	1.3						
NB54	BDMPA1-G10	580	3571	4642	1.3						
NB56	BDMPA1-A11	580	1967	2506	1.3						
NB59	BDMPA1-E11	580	5517	7290	1.3						
NB62	BDMPA1-H11	580	954	1228	1.3						
NB66	BDMPA2-D2	580	920	1231	1.3						
NB71	BDMPA2-A3	580	2052	2603	1.3						
NB73	BDMPA2-D3	580	548	737	1.3						
NB82	BDMPA2-G4	580	1565	1997	1.3						
NB89	BDMPA2-F5	585	1773	2375	1.3						
NB114	BDMPA2-G9	580	3001	3963	1.3						
NB136	BDMPA3-E3	580	5216	6630	1.3						
NB136	BDMPA3-E3	580	5216	6630	1.3						
180	BDMPA3-C10	580	1511	1933	1.3						
221	BDMPA3-C9 Ex/em NN	600	465	550	1.2						
NB31	BDMPA1-A7	580	684	840	1.2						
NB38	BDMPA1-C8	580	4944	5970	1.2						
NB40	BDMPA1-F8	580	2002	2342	1.2						
NB44	BDMPA1-C9	580	2189	2643	1.2						
NB52	BDMPA1-E10	580	2032	2415	1.2						
NB68	BDMPA2-F2	580	794	965	1.2						
NB76	BDMPA2-H3	580	9943	11453	1.2						
NB78	BDMPA2-B4	585	299	360	1.2						
NB83	BDMPA2-H4	580	596	718	1.2						
NB90	BDMPA2-H5	580	625	764	1.2						
NB118	BDMPA2-C10	580	760	929	1.2						
NB120	BDMPA2-E10	580	3802	4574	1.2						
NB126	BDMPA2-D11	580	791	919	1.2						
NB130	BDMPA3-C2	580	11549	14424	1.2						
NB126	BDMPA2-D11	580	791	919	1.2						
NB130	BDMPA3-C2	580	11549	14424	1.2						
226	BDMPA2-D7 Ex/em NN	600	918	1059	1.1						
222	BDMPA3-D9 Ex/em 593/661	600	638	695	1.1						

NB41	BDMPA1-G8	580	3587	3734	1.1						
NB47	BDMPA1-H9	580	2310	2409	1.1						
NB55	BDMPA1-H10	580	3527	3839	1.1						
NB64	BDMPA2-B2	580	451	471	1.1						
NB65	BDMPA2-C2	580	1044	1204	1.1						
NB69	BDMPA2-G2	580	1471	1579	1.1						
NB75	BDMPA2-F3	580	1101	1251	1.1						
NB77	BDMPA2-A4	580	1258	1373	1.1						
NB84	BDMPA2-A5	580	1583	1731	1.1						
NB85	BDMPA2-B5	580	847	922	1.1						
NB86	BDMPA2-C5	580	1102	1114	1.1						
NB91	BDMPA2-B6	580	1016	1145	1.1						
NB94	BDMPA2-E6	580	838	904	1.1						
NB95	BDMPA2-F6	580	690	773	1.1						
NB102	BDMPA2-G7	580	1225	1408	1.1						
NB112	BDMPA2-E9	580	2080	2374	1.1						
NB113	BDMPA2-F9	580	3567	3917	1.1						
NB122	BDMPA2-G10	580	2018	2223	1.1						
NB128	BDMPA3-A2	580	13049	14986	1.1						
NB128	BDMPA3-A2	580	13049	14986	1.1						
NB67	BDMPA2-E2	580	584	588	1.0						
NB70	BDMPA2-H2	585	1097	1099	1.0						
NB79	BDMPA2-D4	580	437	445	1.0						
NB81	BDMPA2-F4	580	640	629	1						
NB98	BDMPA2-A7	580	1094	1107	1.0						
NB106	BDMPA2-D8	580	751	741	1.0						
NB116	BDMPA2-A10	580	2044	2078	1.0						
NB117	BDMPA2-B10	580	1653	1698	1.0						
NB121	BDMPA2-F10	580	1204	1249	1.0						
NB124	BDMPA2-B11	580	579	594	1.0						
NB127	BDMPA2-G11	580	328	333	1.0						
NB133	BDMPA3-A3	580	16503	16678	1.0						
NB134	BDMPA3-B3	580	25014	25657	1.0						
NB138	BDMPA3-G3	580	29050	29153	1.0						
NB124	BDMPA2-B11	580	579	594	1.0						
NB127	BDMPA2-G11	580	328	333	1.0						
NB133	BDMPA3-A3	580	16503	16678	1.0						
NB134	BDMPA3-B3	580	25014	25657	1.0						
NB138	BDMPA3-G3	580	29050	29153	1.0						
NB115	BDMPA2-H9	580	890	819	0.9						
NB123	BDMPA2-A11	580	96	90	0.9						

NB123	BDMPA2-A11	580	90	96	0.9						
NB105	BDMPA2-C8	580	881	771	0.8						
195	BDMPA1-F4 Ex/em 575/600	600	160	101	0.6						
NB25	BDMPA1-B6	585	512	271	0.5						