| **Name** | **λex** | **λem** | **Stokes shift** | **EC** | **QY** | **Brightness** | **pKa** | **Oligomerization** | **Maturation** | **Lifetime** | **kDa** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [EBFP1.2](https://www.fpbase.org/protein/ebfp12/) | 379 | 446 | 67 | 41,000 | 0.45 | 18.45 | 6.6 | m |  |  | 26.86 |
| [EBFP2](https://www.fpbase.org/protein/ebfp2/) | 383 | 448 | 65 | 32,000 | 0.56 | 17.92 | 5.3 | m | 25.0 | 3.0 | 26.90 |
| [EBFP1.5](https://www.fpbase.org/protein/ebfp15/) | 381 | 449 | 68 | 43,000 | 0.53 | 22.79 | 4.8 | m |  |  | 26.77 |
| [mBlueberry1](https://www.fpbase.org/protein/mblueberry1/) | 398 | 452 | 54 | 11,000 | 0.48 | 5.28 |  | m |  |  | 26.72 |
| [mKalama1](https://www.fpbase.org/protein/mkalama1/) | 385 | 456 | 71 | 36,000 | 0.45 | 16.2 | 5.5 | m |  |  | 26.79 |
| [mBlueberry2](https://www.fpbase.org/protein/mblueberry2/) | 402 | 467 | 65 | 51,000 | 0.48 | 24.48 | 2.5 | m |  |  | 26.76 |
| [Rosmarinus](https://www.fpbase.org/protein/rosmarinus/) | 437 | 482 | 45 | 45,000 | 0.85 | 38.25 |  | t |  |  | 26.05 |
| [AausGFP](https://www.fpbase.org/protein/aausgfp/) | 398 | 503 | 105 | 29,000 | 0.73 | 21.17 | 4.8 | d |  |  | 27.45 |
| [AvicFP1](https://www.fpbase.org/protein/avicfp1/) | 481 | 503 | 22 | 64,000 | 0.63 | 40.32 | 4.9 | wd |  |  | 26.80 |
| [mAvicFP1](https://www.fpbase.org/protein/mavicfp1/) | 480 | 503 | 23 | 65,000 | 0.63 | 40.95 | 4.9 | m |  |  | 26.82 |
| [mClavGR2 (Green)](https://www.fpbase.org/protein/mclavgr2/) | 488 | 504 | 16 | 19,000 | 0.77 | 14.63 | 8.0 | m | 27.0 |  | 27.08 |
| [mClavGR2 (Red)](https://www.fpbase.org/protein/mclavgr2/) | 566 | 583 | 17 | 32,000 | 0.53 | 16.96 | 7.3 | m |  |  | 27.08 |
| [AausFP1 (AausFP1)](https://www.fpbase.org/protein/aausfp1/) | 504 | 510 | 6 | 170,000 | 0.97 | 164.9 | 4.4 | d |  |  | 25.72 |
| [AvicFP4](https://www.fpbase.org/protein/avicfp4/) | 500 | 512 | 12 | 121,000 | 0.1 | 12.1 |  |  |  |  | 25.50 |
| [AausFP4 (On)](https://www.fpbase.org/protein/aausfp4/) | 477 | 513 | 36 | 69,000 |  |  |  | d |  |  | 25.61 |
| [AvicFP2 (pre-conversion)](https://www.fpbase.org/protein/avicfp2/) | 480 | 515 | 35 | 59,000 | 0.04 | 2.36 |  |  |  |  | 25.61 |
| [mNeonGreen](https://www.fpbase.org/protein/mneongreen/) | 506 | 517 | 11 | 116,000 | 0.8 | 92.8 | 5.7 | m | 10.0 | 3.1 | 26.65 |
| [AvicFP3 (pre-conversion)](https://www.fpbase.org/protein/avicfp3/) | 480 | 520 | 40 | - | 0.001 |  |  |  |  |  | 25.54 |
| [dLanYFP](https://www.fpbase.org/protein/dlanyfp/) | 513 | 524 | 11 | 125,000 | 0.9 | 112.5 | 3.9 | d |  | 3.1 | 26.66 |
| [LanYFP](https://www.fpbase.org/protein/lanyfp/) | 513 | 524 | 11 | 150,000 | 0.95 | 142.5 | 3.5 | t |  |  | 24.72 |
| [mGold2t](https://www.fpbase.org/protein/mgold2t/) | 515 | 527 | 12 | 126,000 | 0.7 | 88.2 | 5.4 | m | 13.1 | 2.95 | 26.92 |
| [mGold2s](https://www.fpbase.org/protein/mgold2s/) | 517 | 529 | 12 | 131,000 | 0.69 | 90.39 | 5.1 | m | 14.8 | 3.04 | 26.90 |
| [mBanana](https://www.fpbase.org/protein/mbanana/) | 540 | 553 | 13 | 6,000 | 0.7 | 4.2 | 6.7 | m | 60.0 |  | 26.57 |
| [mOrange](https://www.fpbase.org/protein/morange/) | 548 | 562 | 14 | 71,000 | 0.69 | 48.99 | 6.5 | m | 150.0 |  | 26.74 |
| [mHoneydew](https://www.fpbase.org/protein/mhoneydew/) | 487 | 562 | 75 | 17,000 | 0.12 | 2.04 | 4.0 | m |  |  | 25.36 |
| [mOrange2](https://www.fpbase.org/protein/morange2/) | 549 | 565 | 16 | 58,000 | 0.6 | 34.8 | 6.5 | m | 270.0 | 2.7 | 26.82 |
| [dTomato](https://www.fpbase.org/protein/dtomato/) | 554 | 581 | 27 | 69,000 | 0.69 | 47.61 | 4.7 | d | 60.0 |  | 26.96 |
| [tdTomato](https://www.fpbase.org/protein/tdtomato/) | 554 | 581 | 27 | 138,000 | 0.69 | 95.22 | 4.7 | td | 60.0 |  | 54.19 |
| [TagRFP-T](https://www.fpbase.org/protein/tagrfp-t/) | 555 | 584 | 29 | 81,000 | 0.41 | 33.21 | 4.6 | m | 100.0 | 2.3 | 27.58 |
| [mTangerine](https://www.fpbase.org/protein/mtangerine/) | 568 | 585 | 17 | 38,000 | 0.3 | 11.4 | 5.7 | m |  |  | 25.37 |
| [mApple](https://www.fpbase.org/protein/mapple/) | 568 | 592 | 24 | 75,000 | 0.49 | 36.75 | 6.5 | m | 30.0 | 2.9 | 26.96 |
| [mStrawberry](https://www.fpbase.org/protein/mstrawberry/) | 574 | 596 | 22 | 90,000 | 0.29 | 26.1 | 4.5 | m | 50.0 |  | 26.64 |
| [mCherry](https://www.fpbase.org/protein/mcherry/) | 587 | 610 | 23 | 72,000 | 0.22 | 15.84 | 4.5 | m | 15.0 | 1.4 | 26.72 |
| [mCherry2](https://www.fpbase.org/protein/mcherry2/) | 589 | 610 | 21 | 79,400 | 0.22 | 17.47 | 3.3 | m | 22.8 |  | 26.74 |
| [LSSmCherry1](https://www.fpbase.org/protein/lssmcherry1/) | 450 | 610 | 160 | 35,000 | 0.29 | 10.15 | 6.2 | m |  |  | 26.69 |
| [mRFP1.1](https://www.fpbase.org/protein/mrfp11/) | 589 | 612 | 23 | - |  |  |  | m |  |  | 25.41 |
| [mGrape1](https://www.fpbase.org/protein/mgrape1/) | 595 | 625 | 30 | 50,000 | 0.03 | 1.5 | 4.5 | m | 70.0 |  | 25.43 |
| [RDSmCherry0.1](https://www.fpbase.org/protein/rdsmcherry01/) | 598 | 625 | 27 | 59,600 | 0.1 | 5.96 |  | m |  |  | 26.59 |
| [RDSmCherry0.2](https://www.fpbase.org/protein/rdsmcherry02/) | 600 | 630 | 30 | 34,400 | 0.03 | 1.03 |  | m |  |  | 26.65 |
| [mKate S158C](https://www.fpbase.org/protein/mkate-s158c/) | 586 | 630 | 44 | 63,000 | 0.33 | 20.79 |  | m |  |  | 26.04 |
| [RDSmCherry1](https://www.fpbase.org/protein/rdsmcherry1/) | 600 | 630 | 30 | 55,400 | 0.09 | 4.99 | 5.6 | m |  |  | 26.64 |
| [RDSmCherry0.5](https://www.fpbase.org/protein/rdsmcherry05/) | 604 | 636 | 32 | 23,300 | 0.02 | 0.47 |  | m |  |  | 26.69 |
| [mGrape2](https://www.fpbase.org/protein/mgrape2/) | 605 | 636 | 31 | 33,000 | 0.03 | 0.99 | 6.3 | m |  |  | 26.80 |
| [mGrape3](https://www.fpbase.org/protein/mgrape3/) | 608 | 646 | 38 | 40,000 | 0.03 | 1.2 | 7.0 | m |  |  | 26.77 |
| [mKate M41G S158C](https://www.fpbase.org/protein/mkate-m41g-s158c/) | 593 | 648 | 55 | 73,000 | 0.22 | 16.06 |  | m |  |  | 25.96 |
| [Neptune](https://www.fpbase.org/protein/neptune/) | 600 | 650 | 50 | 72,000 | 0.18 | 12.96 | 5.8 | d | 35.0 |  | 27.44 |
| [mNeptune](https://www.fpbase.org/protein/mneptune/) | 600 | 650 | 50 | 67,000 | 0.2 | 13.4 | 5.4 | m | 35.0 |  | 27.41 |
| [dClavGR1.6](https://www.fpbase.org/protein/dclavgr16/) |  |  |  |  |  |  |  | d |  |  | 27.07 |
| [mClavGR1.1](https://www.fpbase.org/protein/mclavgr11/) |  |  |  |  |  |  |  | m |  |  | 27.10 |
| [mClavGR1](https://www.fpbase.org/protein/mclavgr1/) |  |  |  |  |  |  |  | m |  |  | 26.99 |
| [mCherry1.5](https://www.fpbase.org/protein/mcherry15/) |  |  |  |  |  |  |  | m |  |  | 26.71 |
| [mRFP1.5](https://www.fpbase.org/protein/mrfp15/) |  |  |  |  |  |  |  | m |  |  | 26.74 |
| [AausFP2](https://www.fpbase.org/protein/aausfp2/) | 609 |  |  | 52,000 |  |  | 6.0 |  |  |  | 25.56 |
| [AausFP3](https://www.fpbase.org/protein/aausfp3/) | 587 |  |  | 59,000 |  |  | 6.5 |  |  |  | 25.52 |
| [mOFP.T.8](https://www.fpbase.org/protein/mofpt8/) |  |  |  |  |  |  |  | m |  |  | 26.73 |
| [mOFP.T.12](https://www.fpbase.org/protein/mofpt12/) |  |  |  |  |  |  |  | m |  |  | 26.70 |
| [mRFP1.4](https://www.fpbase.org/protein/mrfp14/) |  |  |  |  |  |  |  | m |  |  | 26.76 |
| [mRFP1.3](https://www.fpbase.org/protein/mrfp13/) |  |  |  |  |  |  |  | m |  |  | 26.75 |
| [mClavGR1.8](https://www.fpbase.org/protein/mclavgr18/) |  |  |  |  |  |  |  | m |  |  | 27.10 |