

FACS Fortessa™ Setup

| Laser | Detector | LP Filter | BP Filter | fluorochromes detectable (examples) |
|--------------------|----------|-----------|-----------|--|
| 405 nm (violet) | A | 750 | 780/60 | BV786 |
| | B | 690 | 710/50 | BV711 |
| | C | 630 | 660/20 | BV650; eVolve655 |
| | D | 595 | 610/20 | BV605; eVolve605; SuperBright600 |
| | E | 505 | 525/50 | AF430; AmCyan; V500; V500-C; BV510; eF506; VioGreen |
| | F | - | 450/50 | Pacific Blue; eF450; DAPI; V450; BV421; VioBlue |
| 488 nm (blue) | A | 750 | 780/60 | PE-Cy7; PE-Vio770 |
| | B | 685 | 695/40 | PerCP; PerCP-Cy5.5; PerCP-eF710; PerCP-Vio770; 7-AAD |
| | C | 600 | 610/20 | PE-Texas Red; PE-AF610; PE-eF610; PE-CF594; PI |
| | D | 550 | 575/26 | PE |
| | E | 505 | 530/30 | FITC; AF488; GFP; BB515; VioBright 515; Vio515, CFSE |
| | F | - | 488/10 | SSC |
| 640 nm (red) | A | 750 | 780/60 | APC-Cy7; APC-H7; APC-AF750; APC-AF780 |
| | B | 710 | 730/45 | AF700; APC-R700 |
| | C | - | 670/14 | APC; AF647; AF660; Cy5 |