

# DFCI Flow Core - BD LSR Fortessa Optical Configuration

## Violet (405 nm)

| 427/25   | 525/50   | 586/15   | 605/15  | 670/30                 | 712/25                 | 747/27                 | 790/60                          |
|--|--|--|---|------------------------|------------------------|------------------------|---------------------------------|
| Violet A   | Violet B   | Violet C   | Violet D  | Violet E               | Violet F               | Violet G               | Violet H                        |
| Violet 421<br>BV421<br>BFP<br>DAPI<br>L/D Violet<br>Pacific Blue<br>Spark Violet 423<br>Sytox Blue<br>V450 | Violet 525/50<br>BV510<br>CFP<br>L/D Aqua<br>Spark Violet 500<br>V500<br>Zombie Aqua | Violet 586/15<br>BV570<br>LSSmOrange<br>Pacific Orange<br>V550 | Violet 605/15<br>BV605<br>L/D Yellow<br>Zombie Yellow | Violet 670/30<br>BV650 | Violet 712/25<br>BV711 | Violet 747/27<br>BV750 | Violet 790/60<br>BV786<br>BV785 |

## Blue (488 nm)

| 515/20  | 695/40  |
|---|---|
| Blue A  | Blue B  |
| Blue 515/20<br>FITC<br>AmCyan<br>AF488<br>BB515<br>CFSE<br>GFP<br>KB520<br>L/D Green<br>Spark Blue 515<br>YFP | Blue 695/40<br>PerCP<br>BB700<br>PerCP-Cy5.5<br>PerCP-eFluor 710<br>RB705 |

**DISCLAIMER \*\* If your desired fluorophore is not listed, please select the emission filter set \*\***

## Yellow-Green (561 nm)

| 582/15   | 610/20   | 660/20                               | 710/50                         | 780/60                                      |
|--|--|--------------------------------------|--------------------------------|---|
| YG A   | YG B   | YG C                                 | YG D                           | YG E  |
| YG 582/15<br>PE<br>dsRed<br>RFP<br>RY586<br>SparkYG581<br>tdTomato | YG 610/20<br>AF594<br>PE-CF594<br>PE-Dazzle594<br>PE-Texas Red<br>mCherry<br>PI<br>RY610 | YG 660/20<br>PE-Cy5<br>7AAD<br>RY655 | YG 710/50<br>PE-Cy5.5<br>RY703 | YG 780/60<br>PE-Cy7<br>PE-Fire 750<br>RY775 |

## Red (640 nm)

| 670/30   | 730/45                                       | 780/60   |
|--|--|--|
| Red A  | Red B  | Red C  |
| Red 670/30<br>APC<br>AF647<br>Spark NIR 685<br>Sytox Red | Red 730/45<br>AF700<br>R718<br>Spark Red 718 | Red 780/60<br>APC-Cy7<br>APC-eFluor 780<br>APC-Fire 750<br>APC-Fire810<br>APC-H7<br>Zombie NIR |