

# Fortessa "Vincent" Laser, Mirrors & Channels



## Blue Laser (488nm)

**Channel A** (Mirror: 650LP, Filter 670/320; PerCP)

(Mirror: 685LP, Filter 710/50, PerCP-Cy5.5)

488 670/30 (PerCP)

488 710/50 (PerCP-Cy5.5)

**7AAD**

**PerCP**

**PerCP-Cy5.5**

PerCP-efluor 710

YFP with GFP\*

**Channel B** (Mirror: 505LP, Filter: 530/30)

488 530/30

**Ax488**

Brilliant Blue (515)

Calcein

CFSE

**FITC**

**GFP**

JC-1 green

YFP (alone)

**Channel C** (Mirror: empty, Filter: 488/10)

488/10

SSC

## Red Laser (640nm)

**Channel A** (Mirror: 750LP, Filter: 780/60)

640 780/60

APC-efluor 780

**APC-Cy7**

APC-H7

Viability Dye 780

**Channel B** (Mirror: 710LP, Filter: 730/45)

640 730/45

**Ax680**

**Ax700**

APC-Cy5.5

APC-R700

**Channel C** (Mirror: empty, Filter: 670/14)

640 670/14

**APC**

Ax633

**Ax647**

Cy5

DRAQ5

efluor 660

TO-PRO-3

## Yellow/Green Laser (561nm)

**Channel A** (Mirror: 750LP, Filter: 780/60)

561 780/60

PE-Ax750

**PE-Cy7**

**Channel B** (Mirror: 685LP, Filter: 710/50)

**561 710/50**

PE-Ax700

**PE-Cy5.5**

Fura Red Ca+ Green

**Channel C** (Mirror: 635LP, Filter: 670/30)

561 670/30

mPlum

**PE-Cy5**

**Channel D** (Mirror: 600LP, Filter: 610/20)

561 610/20

**mCherry**

**PE-TxRed**

**PI**

**Channel E** (Mirror: empty, Filter: 585/15)

561 586/15

Cy3

**DsRed**

**PE**

**RFP**

tdTomato

JC-1 red

\*: Only with YFP filter set

(A: 525LP, 538/25;

B:510/20)

available at Core

Facility

## Violet Laser (405nm)

**Channel A** (Mirror: 750LP, Filter: 780/60)

405 780/60

**BV 786**

**Channel B** (Mirror: 685LP, Filter: 710/50)

405 710/50

**BV 711**

**Channel C** (Mirror: 630LP, Filter: 660/20)

405 660/20

**BV 650**

Fura Red Ca+ Violet

**Channel D** (Mirror: 595LP, Filter: 610/20)

405 610/20

**BV 605**

efluor 605

**Channel E** (Mirror: 505LP, Filter: 525/50)

405 525/50

**AmCyan**

BV 510

CFP / ECFP

**Horizon V500**

Pacific Orange

**Channel F** (Mirror: empty, Filter: 450/40)

405 450/40

**Ax405**

**BV 421**

**DAPI**

DyeCycle violet

Horizon V450

Pacific Blue

Sytox Blue