

LSRII

Blue Laser 488nm

| PMTs | Mirror | Filter | Detector | Fluorochromes |
|------|--------|--------|----------|---|
| A | 550LP | 710/50 | B710 | PerCP/Cy5.5, PerCP/eF710, BB700 |
| B | 505LP | 525/50 | B525 | FITC, Alexa488, DL488, BB515, GFP, CFSE |
| C | none | 488/10 | SSC | SSC (Side-Scatter) |

Violet Laser 405nm

| PMTs | Mirror | Filter | Detector | Fluorochromes |
|------|--------|--------|----------|-------------------------------|
| A | 740LP | 780/60 | V780 | BV786 |
| B | 670LP | 710/50 | V710 | BV711 |
| C | 630LP | 660/40 | V660 | BV650 |
| D | 595LP | 605/40 | V605 | BV605 |
| E | 570LP | 585/42 | V585 | Qdot 585 |
| F | 535LP | 560/40 | V560 | BV570, Pacific Orange |
| G | 495LP | 515/20 | V515 | BV510, Live dead Aqua |
| H | None | 450/50 | V450 | Pacific Blue, Alexa405, BV421 |

Red Laser 640nm

| PMTs | Mirror | Filter | Detector | Fluorochromes |
|------|--------|--------|----------|-------------------------------|
| A | 740LP | 780/60 | R780 | APC-Cy7, APC-H7, APC-Fire750 |
| B | 685LP | 710/50 | R710 | APC-Cy5.5, Alexa700, APC-R700 |
| C | Non | 670/30 | R670 | APC, Alexa647, e660 |

Green laser 532nm

| PMTs | Mirror | Filter | Detector | Fluorochromes |
|------|--------|--------|----------|--------------------|
| A | 740LP | 780/60 | G780 | PE-Cy7 |
| B | 690LP | 710/50 | G710 | PE-Cy5.5, 7AAD, PI |
| C | 640LP | 670/14 | G670 | PE-Cy5, 7AAD, PI |
| D | 600LP | 610/20 | G610 | PE-TR, mCherry |
| E | None | 575/25 | G575 | PE |
| F | | | | |
| G | | | | |
| H | | | | |