

Filter change table

| Dye name | Channel name | Dichoric Change | Band Pass Change |
|-----------|--------------|------------------------|----------------------------|
| Pyronin Y | PerCP-Cy5.5 | Blue A 685LP ==> 556LP | Blue A 710/50 ==> 585/42 |
| BV570 | BV510 | None | Violet D 515/30 ==> 585/42 |
| BUV395 | DAPI | None | UV C 450/50 ==> 379/28 |
| BUV737 | Hoe Red | None | UV A 620/10 ==> 740/35 |
| BUV805 | Hoe Red | None | UV A 620/10 ==> 820/60 |

If BUV395 and DAPI in the same panel

| | | | |
|---------------------------|-------------------------------|----------------------|--|
| BUV 395 uses DAPI channel | DAPI uses Indo-1 Blue channel | UV B 505LP ==> 410LP | UV B 515/30 ==> 450/50 UV C 450/50 ==> 379/28 |
|---------------------------|-------------------------------|----------------------|--|

Please contact Siu-hong for first time filter change