

Sony SY3200
@Caltech

Not all fluorochromes in existence are listed, but all listed
have been run on this instrument successfully

UV

375 nm

455/50

Hoechst Blue
DAPI

695/50

Hoechst Red (Side Population)

Blue
488 nm

525/50

Alexa Fluor 488

FITC

EGFP

YFP

(PE with filter change)

SYTOX Green

mNeonGreen

Kaede (photoconvertible fluorescent protein)

mCitrine

zsGreen

695/50

7AAD

PerCP Cy 5.5

PerCP

Pe-Cy 5.5

Pe-Cy 5 (dim, do not run with APC)

PI

PerCP Efluor 710

Red
642 nm

665/30

APC

Alexa Fluor 647

TO-PRO-3

DyeCycle Ruby (Best)

775/50

Alexa Fluor 750

APC-Cy7

APC-eFluor 780

APC-H7

DyeCycle Ruby (Good)

Violet 405 nm	455/50	525/50	
	CFP (cerulean)	LIVE/DEAD Aqua	
	Pacific Blue	BV510	
	e450	AmCyan	
	BFP	CFP/YFP FRET	
	BV421	Citrine	
	DAPI	mVenus	
	SYTOX Blue	Ghost 540	
	mTurquoise2	Keima (optimal w/ filter chg to 610/40)	
	VioBlue		
	mtagBFP2		
	Nuclear Violet		
	DyeCycle Violet		
Yellow Green 561 nm	585/40	610/40	775/50
	PE	PI	PE-Cy 7
	AF 594	mKate2	
	AF 555	PE-Dazzle (similar to PE-Texas Red)	
	mOrange	PE-Texas Red	
	tdTomato	AF 594	
	DSRed	mCherry	
	SYTOX Orange	mPlum	
	RFP(tdTomato, mOrange, DSRed)	RFP (mKate, mCherry, mPlum)	
	tag-RFP	mScarlet	
	Cy3	Syto62	