

Supplemental Data

Table S1: EVOS FL Color Microscope Light Cube Excitation and Emission

Light Cube	Excitation (nm)	Emission (nm)
DAPI	357/44	447/60
GFP	482/25	524/24
Invitrogen Texas Red	585/29	628/32
Invitrogen Cy7	710/40	809/81

Table S2: HALO[®] Algorithm Settings – CytoNuclear FL v1.4

	Parameter Name	Value
Nuclei Detection	Nuclear contrast threshold	0.523
	Minimum nuclear intensity	0.11
	Minimum nuclear size	10
	Maximum nuclear size	571.7
	Nuclear segmentation aggressiveness	0.2
	Minimum nuclear roundness	0
Fluorescence Detections	Maximum cytoplasm radius	3
	Stain optical density (Dye 1)	0.090 - 0.240
	Stain optical density (Dye 2)	0.090 - 0.240
	Stain optical density (Dye 3)	0.203 - 0.205