

Appendix A

Table A1: Outline of four rounds of CyclIF including antibodies, used, Alexa Flour conjugation, dilution ratio, and microscope settings (Light, Exposure, and Gain).

CyclIF Round	Antibody	Manufacture	Alexa Flour	Dilution	Light	Exposure	Gain
1	Anti-p-p38 (E-1)	Santa Cruz (sc-166182 AF594)	594 (Tx-Red)	1:25	65	703	13.3
	Anti-NFATc4 (B-2)	Santa Cruz (sc-271597 AF488)	488 (GFP)	1:30	61	462	12.2
	Anti-Smad3 (38-Q)	Santa Cruz (sc-101154)	*	1:25	52	755	15.2
2	Anti-MRTF-A (G-8)	Santa Cruz (sc-390324 AF546)	546 (RFP)	1:25	52	582	6.6
	Anti-Rock-1 (G-6)	Santa Cruz (sc-17794 AF647)	674 (Cy5)	1:30	61	586	14.3
	Anti-NFκB p50 (E-10)	Santa Cruz (sc-8414)	*	1:25	58	908	15.4
3	Anti-p-JNK (G-7)	Santa Cruz (sc-6254 AF546)	546 (RFP)	1:50	42	151	7.4
	Anti-p-Akt1/2/3 (C-11)	Santa Cruz (sc-514032 AF647)	647 (Cy5)	1:30	61	586	14.3
	Anti-ASMA	abcam (ab5694)	*	1:250	61	911	14.4
4	Anti-p-ERK (E-4)	Santa Cruz (sc-7383 AF488)	488 (GFP)	1:30	58	391	14
	Texas Red®-X phalloidin	Fisher (T7471)	594 (Tx-Red)	1:40	65	676	17.1
	Anti-p-FAK (Tyr397)	invitrogen (700255)	*	1:250	58	1140	15.4
1 - 4	*mouse-anti-rabbit IgG PE-Cy7	Santa Cruz (sc-516721)	750 (Cy7)	1:100	-	-	-
	Hoechst 33342	Fisher (H3570)	DAPI	1:1000	35	51	9

Appendix B

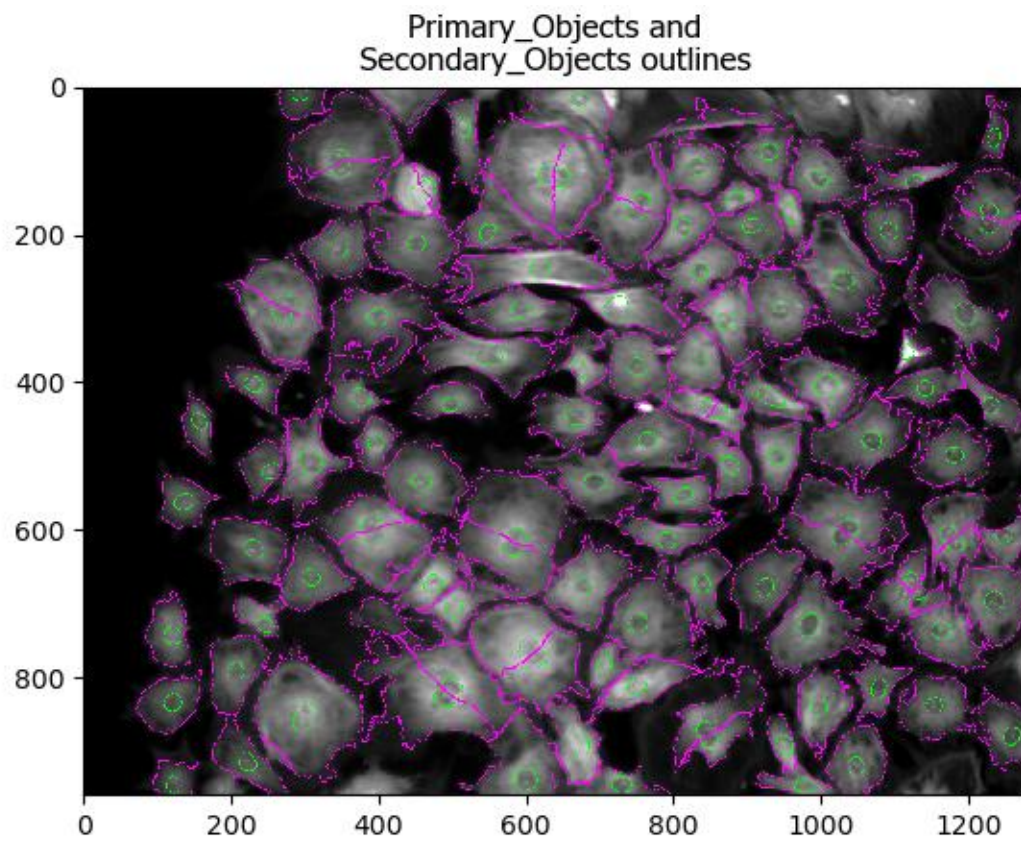


Figure B1: Sample CellProfiler™ outlines of nuclei (green) and cells (purple).