

HALO™ Analysis Report

Friday, September 15, 2023
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Image: HALO_allsections_round2_AKT3_Star_Fused.tif

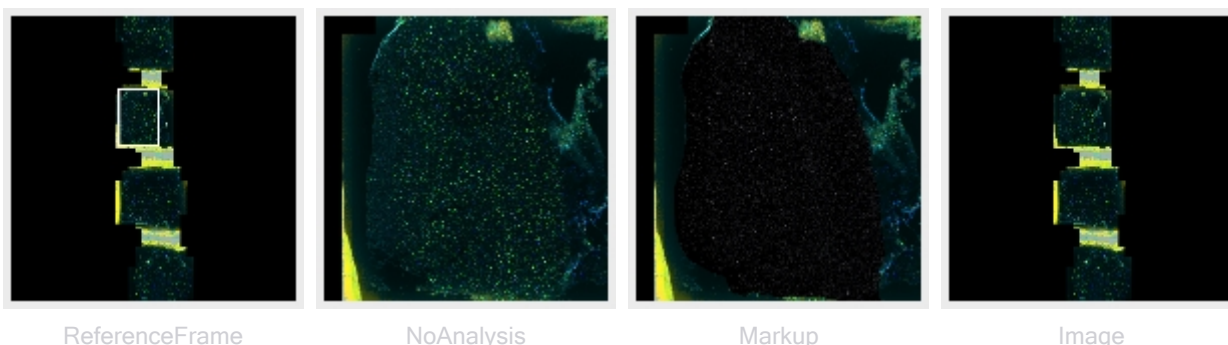
Algorithm: Indica Labs - FISH-IF v2.1.5

Setting: Decon_AKT3_Star_Cyto_Nuc_Copyintensity_FINAL_R2_SMC3

Analysis Region: Layer 7

Analyzed: Friday, September 15, 2023 1:30 PM

1.



Result Name	Value	Result Name	Value
Total Cells	28631	DAPI (DAPI) Avg Positive Nuclei Intensity	45.891956
SLC17A7 (Opal 520) Positive Cells	10861	SLC17A7 (Opal 520) Avg Positive Cytoplasm Intensity	3.022736
OLIG2 (Alexa 647) Positive Cells	4880	OLIG2 (Alexa 647) Avg Positive Cytoplasm Intensity	0.031406
DAPI (DAPI) Positive Cells	28631	DAPI (DAPI) Avg Positive Cytoplasm Intensity	38.225262
SLC17A7 (Opal 520) Positive Nuclei Cells	10815	Total AKT3 (Opal 620) Copies	206586
OLIG2 (Alexa 647) Positive Nuclei Cells	4831	Total TMEM119 (Alexa 555) Copies	1372
DAPI (DAPI) Positive Nuclei Cells	28631	Total AKT3 (Opal 620) Area (µm²)	398392.093750
Negative Nuclei Cells	0	Total TMEM119 (Alexa 555) Area (µm²)	4178.225098
SLC17A7 (Opal 520) Positive Cytoplasm Cells	6771	Avg AKT3 (Opal 620) Copies Per Cell	7.215466
OLIG2 (Alexa 647) Positive Cytoplasm Cells	364	Avg TMEM119 (Alexa 555) Copies Per Cell	0.047920
DAPI (DAPI) Positive Cytoplasm Cells	2	Avg AKT3 (Opal 620) Area Per Cell (µm²)	13.914711
Negative Cytoplasm Cells	21512	Avg TMEM119 (Alexa 555) Area Per Cell (µm²)	0.145934
DAPI/AKT3 Cells	27203	Avg AKT3 (Opal 620) Cell Intensity	31.875212
OLIG2/AKT3 Cells	3283	Avg TMEM119 (Alexa 555) Cell Intensity	0.012466
SLC17A7/AKT3 Cells	9511	Avg AKT3 (Opal 620) Copies Per µm²	0.006326
TMEM119/AKT3 Cells	403	Avg TMEM119 (Alexa 555) Copies Per µm²	0.000042
OLIG2 Cells	3523	% AKT3 (Opal 620) 0+	4.987601
SLC17A7 Cells	9540	% AKT3 (Opal 620) 1+	29.258495
TMEM119 Cells	436	% AKT3 (Opal 620) 2+	39.719185
% SLC17A7 (Opal 520) Positive Cells	37.934406	% AKT3 (Opal 620) 3+	14.865006
% OLIG2 (Alexa 647) Positive Cells	17.044462	% AKT3 (Opal 620) 4+	11.169711
% DAPI (DAPI) Positive Cells	100.000000		
% SLC17A7 (Opal 520) Positive Nuclei Cells	37.773743		
% OLIG2 (Alexa 647) Positive Nuclei Cells	16.873320		
% DAPI (DAPI) Positive Nuclei Cells	100.000000		



% SLC17A7 (Opal 520) Positive Cytoplasm Cells	23.649191	% AKT3 (Opal 620) Positive	95.012398
% OLIG2 (Alexa 647) Positive Cytoplasm Cells	1.271349	AKT3 (Opal 620) H-Score	197.970734
% DAPI (DAPI) Positive Cytoplasm Cells	0.006985	% TMEM119 (Alexa 555) 0+	97.789108
% DAPI/AKT3 Positive Cells	95.012398	% TMEM119 (Alexa 555) 1+	1.893053
% OLIG2/AKT3 Positive Cells	11.466592	% TMEM119 (Alexa 555) 2+	0.279417
% SLC17A7/AKT3 Positive Cells	33.219238	% TMEM119 (Alexa 555) 3+	0.031434
% TMEM119/AKT3 Positive Cells	1.407565	% TMEM119 (Alexa 555) 4+	0.006985
% OLIG2 Positive Cells	12.304845	% TMEM119 (Alexa 555) Positive	2.210890
% SLC17A7 Positive Cells	33.320526	TMEM119 (Alexa 555) H-Score	2.574133
% TMEM119 Positive Cells	1.522825	Total Cell Area (μm^2)	4021716.250000
SLC17A7 (Opal 520) Avg Positive Nuclei Intensity	3.132471	Avg Cell Area (μm^2)	140.467194
OLIG2 (Alexa 647) Avg Positive Nuclei Intensity	0.068830	Avg Cytoplasm Area (μm^2)	109.528137
		Avg Nucleus Area (μm^2)	30.939054
		Avg Nucleus Perimeter (μm)	24.578848
		Avg Nucleus Roundness	0.760122
		Area Analyzed (μm^2)	32655430.000000