

HALO™ Analysis Report

Friday, September 15, 2023
12:48:22 PM

Image: HALO_B1_R5_Star_Br8325A_Fused.tif

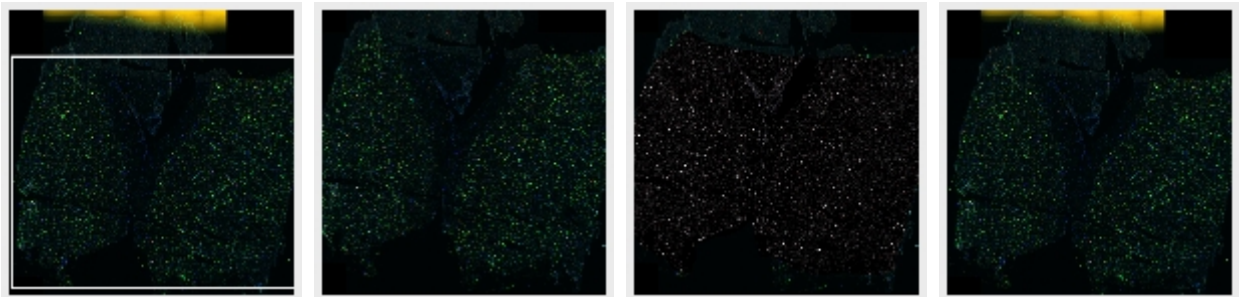
Algorithm: Indica Labs - FISH-IF v2.1.5

Setting: Decon_AKT3_Star_Cyto_Nuc_Copyintensity_FINAL_R5_SMC2

Analysis Region: Layer 2

Analyzed: Friday, September 15, 2023 12:47 PM

1.



ReferenceFrame

NoAnalysis

Markup

Image

Result Name	Value	Result Name	Value
Total Cells	31791	DAPI (DAPI) Avg Positive Nuclei Intensity	48.209984
SLC17A& (Opal 520) Positive Cells	8965	SLC17A& (Opal 520) Avg Positive Cytoplasm Intensity	2.463884
OLIG2 (Alexa 647) Positive Cells	9851	OLIG2 (Alexa 647) Avg Positive Cytoplasm Intensity	0.053716
DAPI (DAPI) Positive Cells	31791	DAPI (DAPI) Avg Positive Cytoplasm Intensity	35.592468
SLC17A& (Opal 520) Positive Nuclei Cells	8272	Total AKT3 (Opal 620) Copies	229319
OLIG2 (Alexa 647) Positive Nuclei Cells	9832	Total TMEM119 (Alexa 555) Copies	22613
DAPI (DAPI) Positive Nuclei Cells	31791	Total AKT3 (Opal 620) Area (µm²)	483949.156250
Negative Nuclei Cells	0	Total TMEM119 (Alexa 555) Area (µm²)	173077.062500
SLC17A& (Opal 520) Positive Cytoplasm Cells	7278	Avg AKT3 (Opal 620) Copies Per Cell	7.213331
OLIG2 (Alexa 647) Positive Cytoplasm Cells	758	Avg TMEM119 (Alexa 555) Copies Per Cell	0.711302
DAPI (DAPI) Positive Cytoplasm Cells	2	Avg AKT3 (Opal 620) Area Per Cell (µm²)	15.222836
Negative Cytoplasm Cells	23787	Avg TMEM119 (Alexa 555) Area Per Cell (µm²)	5.444216
DAPI/AKT3 Cells	30092	Avg AKT3 (Opal 620) Cell Intensity	26.113590
OLIG2/AKT3 Cells	4142	Avg TMEM119 (Alexa 555) Cell Intensity	0.178472
SLC17A7/AKT3 Cells	7309	Avg AKT3 (Opal 620) Copies Per µm²	0.007440
TMEM119/AKT3 Cells	3712	Avg TMEM119 (Alexa 555) Copies Per µm²	0.000734
OLIG2 Cells	4421	% AKT3 (Opal 620) 0+	5.344280
SLC17A7 Cells	7312	% AKT3 (Opal 620) 1+	26.296751
TMEM119 Cells	3901	% AKT3 (Opal 620) 2+	42.298134
% SLC17A& (Opal 520) Positive Cells	28.199804	% AKT3 (Opal 620) 3+	15.711994
% OLIG2 (Alexa 647) Positive Cells	30.986757	% AKT3 (Opal 620) 4+	10.348841
% DAPI (DAPI) Positive Cells	100.000000		
% SLC17A& (Opal 520) Positive Nuclei Cells	26.019943		
% OLIG2 (Alexa 647) Positive Nuclei Cells	30.926992		
% DAPI (DAPI) Positive Nuclei Cells	100.000000		



% SLC17A& (Opal 520) Positive Cytoplasm Cells	22.893272	% AKT3 (Opal 620) Positive	94.655724
% OLIG2 (Alexa 647) Positive Cytoplasm Cells	2.384323	AKT3 (Opal 620) H-Score	199.424362
% DAPI (DAPI) Positive Cytoplasm Cells	0.006291	% TMEM119 (Alexa 555) 0+	71.894562
% DAPI/AKT3 Positive Cells	94.655724	% TMEM119 (Alexa 555) 1+	23.393414
% OLIG2/AKT3 Positive Cells	13.028845	% TMEM119 (Alexa 555) 2+	3.139253
% SLC17A7/AKT3 Positive Cells	22.990784	% TMEM119 (Alexa 555) 3+	1.129250
% TMEM119/AKT3 Positive Cells	11.676261	% TMEM119 (Alexa 555) 4+	0.443522
% OLIG2 Positive Cells	13.906451	% TMEM119 (Alexa 555) Positive	28.105438
% SLC17A7 Positive Cells	23.000219	TMEM119 (Alexa 555) H-Score	34.833759
% TMEM119 Positive Cells	12.270768	Total Cell Area (μm ²)	4414207.000000
SLC17A& (Opal 520) Avg Positive Nuclei Intensity	3.589408	Avg Cell Area (μm ²)	138.850845
OLIG2 (Alexa 647) Avg Positive Nuclei Intensity	0.124682	Avg Cytoplasm Area (μm ²)	107.398163
		Avg Nucleus Area (μm ²)	31.452679
		Avg Nucleus Perimeter (μm)	24.749355
		Avg Nucleus Roundness	0.767927
		Area Analyzed (μm ²)	30820996.000000