

# HALO™ Analysis Report

Friday, September 15, 2023  
12:56:29 PM

**Image:** HALO\_B1\_R5\_Star\_Br8325M\_Fused.tif

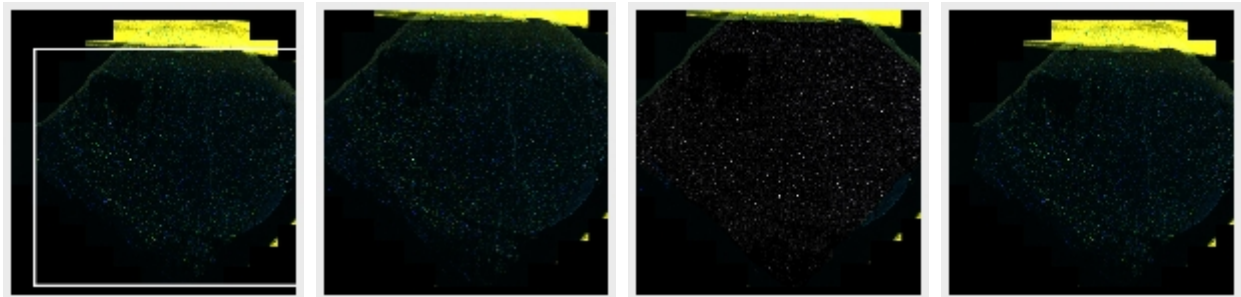
**Algorithm:** Indica Labs - FISH-IF v2.1.5

**Setting:** Decon\_AKT3\_Star\_Cyto\_Nuc\_Copyintensity\_FINAL\_R5\_SMC3

**Analysis Region:** Layer 2

**Analyzed:** Friday, September 15, 2023 12:55 PM

1.



ReferenceFrame

NoAnalysis

Markup

Image

Result Name	Value	Result Name	Value
Total Cells	37461	DAPI (DAPI) Avg Positive Nuclei Intensity	48.857845
SLC17A& (Opal 520) Positive Cells	6296	SLC17A& (Opal 520) Avg Positive Cytoplasm Intensity	1.490599
OLIG2 (Alexa 647) Positive Cells	9581	OLIG2 (Alexa 647) Avg Positive Cytoplasm Intensity	0.066660
DAPI (DAPI) Positive Cells	37461	DAPI (DAPI) Avg Positive Cytoplasm Intensity	39.966324
SLC17A& (Opal 520) Positive Nuclei Cells	5991	Total AKT3 (Opal 620) Copies	158627
OLIG2 (Alexa 647) Positive Nuclei Cells	9557	Total TMEM119 (Alexa 555) Copies	17207
DAPI (DAPI) Positive Nuclei Cells	37461	Total AKT3 (Opal 620) Area (µm²)	301722.375000
Negative Nuclei Cells	0	Total TMEM119 (Alexa 555) Area (µm²)	26124.105469
SLC17A& (Opal 520) Positive Cytoplasm Cells	3742	Avg AKT3 (Opal 620) Copies Per Cell	4.234457
OLIG2 (Alexa 647) Positive Cytoplasm Cells	779	Avg TMEM119 (Alexa 555) Copies Per Cell	0.459331
DAPI (DAPI) Positive Cytoplasm Cells	3	Avg AKT3 (Opal 620) Area Per Cell (µm²)	8.054307
Negative Cytoplasm Cells	32944	Avg TMEM119 (Alexa 555) Area Per Cell (µm²)	0.697368
DAPI/AKT3 Cells	33404	Avg AKT3 (Opal 620) Cell Intensity	10.945585
OLIG2/AKT3 Cells	6089	Avg TMEM119 (Alexa 555) Cell Intensity	0.068242
SLC17A7/AKT3 Cells	5199	Avg AKT3 (Opal 620) Copies Per µm²	0.003620
TMEM119/AKT3 Cells	2696	Avg TMEM119 (Alexa 555) Copies Per µm²	0.000393
OLIG2 Cells	6852	% AKT3 (Opal 620) 0+	10.829929
SLC17A7 Cells	5208	% AKT3 (Opal 620) 1+	46.111958
TMEM119 Cells	3084	% AKT3 (Opal 620) 2+	32.132084
% SLC17A& (Opal 520) Positive Cells	16.806812	% AKT3 (Opal 620) 3+	8.184512
% OLIG2 (Alexa 647) Positive Cells	25.575932	% AKT3 (Opal 620) 4+	2.741518
% DAPI (DAPI) Positive Cells	100.000000		
% SLC17A& (Opal 520) Positive Nuclei Cells	15.992632		
% OLIG2 (Alexa 647) Positive Nuclei Cells	25.511866		
% DAPI (DAPI) Positive Nuclei Cells	100.000000		



% SLC17A& (Opal 520) Positive Cytoplasm Cells	9.989056	% AKT3 (Opal 620) Positive	89.170067
% OLIG2 (Alexa 647) Positive Cytoplasm Cells	2.079496	AKT3 (Opal 620) H-Score	145.895737
% DAPI (DAPI) Positive Cytoplasm Cells	0.008008	% TMEM119 (Alexa 555) 0+	83.532204
% DAPI/AKT3 Positive Cells	89.170067	% TMEM119 (Alexa 555) 1+	12.645151
% OLIG2/AKT3 Positive Cells	16.254238	% TMEM119 (Alexa 555) 2+	3.085876
% SLC17A7/AKT3 Positive Cells	13.878433	% TMEM119 (Alexa 555) 3+	0.581939
% TMEM119/AKT3 Positive Cells	7.196818	% TMEM119 (Alexa 555) 4+	0.154828
% OLIG2 Positive Cells	18.291023	% TMEM119 (Alexa 555) Positive	16.467793
% SLC17A7 Positive Cells	13.902458	TMEM119 (Alexa 555) H-Score	21.182030
% TMEM119 Positive Cells	8.232562	Total Cell Area (μm <sup>2</sup> )	5431608.500000
SLC17A& (Opal 520) Avg Positive Nuclei Intensity	2.244262	Avg Cell Area (μm <sup>2</sup> )	144.993698
OLIG2 (Alexa 647) Avg Positive Nuclei Intensity	0.140119	Avg Cytoplasm Area (μm <sup>2</sup> )	110.792137
		Avg Nucleus Area (μm <sup>2</sup> )	34.201553
		Avg Nucleus Perimeter (μm)	25.557716
		Avg Nucleus Roundness	0.780546
		Area Analyzed (μm <sup>2</sup> )	43817244.000000