

# HALO™ Analysis Report

Friday, September 15, 2023  
01:05:40 PM

**Image:** HALO\_B1\_R5\_Star\_Br8667A\_Fused.tif

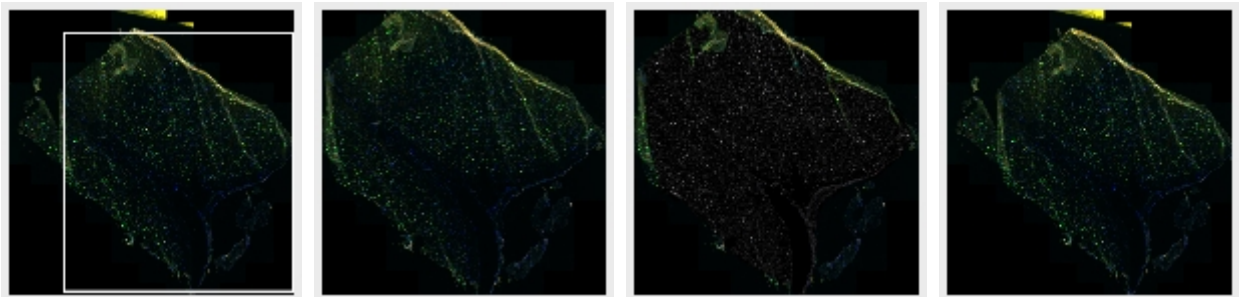
**Algorithm:** Indica Labs - FISH-IF v2.1.5

**Setting:** Decon\_AKT3\_Star\_Cyto\_Nuc\_Copyintensity\_FINAL\_R5\_editedbySMC\_080322

**Analysis Region:** Layer 3

**Analyzed:** Friday, September 15, 2023 1:04 PM

1.



ReferenceFrame

NoAnalysis

Markup

Image

Result Name	Value	Result Name	Value
Total Cells	32717	DAPI (DAPI) Avg Positive Nuclei Intensity	49.151817
SLC17A& (Opal 520) Positive Cells	10428	SLC17A& (Opal 520) Avg Positive Cytoplasm Intensity	2.598119
OLIG2 (Alexa 647) Positive Cells	6151	OLIG2 (Alexa 647) Avg Positive Cytoplasm Intensity	0.145233
DAPI (DAPI) Positive Cells	32717	DAPI (DAPI) Avg Positive Cytoplasm Intensity	39.991825
SLC17A& (Opal 520) Positive Nuclei Cells	10420	Total AKT3 (Opal 620) Copies	204020
OLIG2 (Alexa 647) Positive Nuclei Cells	6151	Total TMEM119 (Alexa 555) Copies	14833
DAPI (DAPI) Positive Nuclei Cells	32717	Total AKT3 (Opal 620) Area (µm²)	420533.437500
Negative Nuclei Cells	0	Total TMEM119 (Alexa 555) Area (µm²)	72150.773438
SLC17A& (Opal 520) Positive Cytoplasm Cells	4422	Avg AKT3 (Opal 620) Copies Per Cell	6.235902
OLIG2 (Alexa 647) Positive Cytoplasm Cells	219	Avg TMEM119 (Alexa 555) Copies Per Cell	0.453373
DAPI (DAPI) Positive Cytoplasm Cells	6	Avg AKT3 (Opal 620) Area Per Cell (µm²)	12.853667
Negative Cytoplasm Cells	28082	Avg TMEM119 (Alexa 555) Area Per Cell (µm²)	2.205299
DAPI/AKT3 Cells	29822	Avg AKT3 (Opal 620) Cell Intensity	19.932636
OLIG2/AKT3 Cells	3220	Avg TMEM119 (Alexa 555) Cell Intensity	0.135879
SLC17A7/AKT3 Cells	8619	Avg AKT3 (Opal 620) Copies Per µm²	0.005980
TMEM119/AKT3 Cells	1420	Avg TMEM119 (Alexa 555) Copies Per µm²	0.000435
OLIG2 Cells	0	% AKT3 (Opal 620) 0+	8.848611
SLC17A7 Cells	8645	% AKT3 (Opal 620) 1+	29.198887
TMEM119 Cells	1537	% AKT3 (Opal 620) 2+	39.746922
% SLC17A& (Opal 520) Positive Cells	31.873339	% AKT3 (Opal 620) 3+	15.319253
% OLIG2 (Alexa 647) Positive Cells	18.800623	% AKT3 (Opal 620) 4+	6.886328
% DAPI (DAPI) Positive Cells	100.000000		
% SLC17A& (Opal 520) Positive Nuclei Cells	31.848886		
% OLIG2 (Alexa 647) Positive Nuclei Cells	18.800623		
% DAPI (DAPI) Positive Nuclei Cells	100.000000		



% SLC17A& (Opal 520) Positive Cytoplasm Cells	13.515909	% AKT3 (Opal 620) Positive	91.151390
% OLIG2 (Alexa 647) Positive Cytoplasm Cells	0.669377	AKT3 (Opal 620) H-Score	182.195801
% DAPI (DAPI) Positive Cytoplasm Cells	0.018339	% TMEM119 (Alexa 555) 0+	90.277229
% DAPI/AKT3 Positive Cells	91.151390	% TMEM119 (Alexa 555) 1+	5.388636
% OLIG2/AKT3 Positive Cells	9.841978	% TMEM119 (Alexa 555) 2+	3.206284
% SLC17A7/AKT3 Positive Cells	26.344103	% TMEM119 (Alexa 555) 3+	0.809976
% TMEM119/AKT3 Positive Cells	4.340251	% TMEM119 (Alexa 555) 4+	0.317878
% OLIG2 Positive Cells	0.000000	% TMEM119 (Alexa 555) Positive	9.722775
% SLC17A7 Positive Cells	26.423573	TMEM119 (Alexa 555) H-Score	15.502644
% TMEM119 Positive Cells	4.697864	Total Cell Area (μm <sup>2</sup> )	4482148.500000
SLC17A& (Opal 520) Avg Positive Nuclei Intensity	2.253797	Avg Cell Area (μm <sup>2</sup> )	136.997543
OLIG2 (Alexa 647) Avg Positive Nuclei Intensity	0.280793	Avg Cytoplasm Area (μm <sup>2</sup> )	106.475876
		Avg Nucleus Area (μm <sup>2</sup> )	30.521667
		Avg Nucleus Perimeter (μm)	24.487816
		Avg Nucleus Roundness	0.755245
		Area Analyzed (μm <sup>2</sup> )	34118492.000000