HALO™ Analysis Report

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

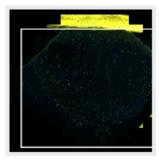
Image: HALO_B1_R5_Star_Br8325M_Fused.tif

Algorithm: Indica Labs - FISH-IF v2.1.5

Setting: Decon_AKT3_Star_Cyto_Nuc_Copyintensity_FINAL_R5_SMC3

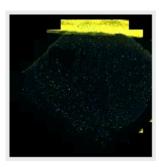
Analysis Region: Layer 2

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









ReferenceFrame

NoAnalysis

Markup

Image

Result Name Value Result Name Value	Doorde Name	Malus	Decult Name	Value
SLC17A& (Opal 520) Positive 6296				
Cells				48.85/845
DLIG2 (Alexa 647) Positive Cells 9581 Positive Cytoplasm Intensity	` . ,	6296	,	
DAPI (DAPI) Positive Cells 37461 Cytoplasm Intensity DAPI (DAPI) Avg Positive Sp91 Cytoplasm Intensity DAPI (DAPI) Avg Positive Sp91 Cytoplasm Intensity DAPI (DAPI) Avg Positive Sp91 Cytoplasm Intensity Sp96324 Cytoplasm Cytoplasm Cytoplasm Collad KT3 (Opal 620) Copies Sp96324 Cytoplasm Cytoplasm Cyto				1.490599
SLC17A& (Ópal 520) Positive S991				
Nuclei Cells				0.066660
OLIG2 (Alexa 647) Positive 9557		5991		
Nuclei Čells				39.966324
DAPI (DAPI) Positive Nuclei Cells 37461 Negative Nuclei Cells 0 Copies SLC17A& (Opal 520) Positive 3742 Total AKT3 (Opal 620) Area 301722.375000 (µm²) OLIG2 (Alexa 647) Positive Cytoplasm Cells DAPI (DAPI) Positive Cytoplasm Cells Negative Cytoplasm Cells OLIG2 (Alexa 647) Positive Cytoplasm Cells OLIG2 (Alexa 647) Positive Cytoplasm Cells Negative Cytoplasm Cells OLIG2 (Alexa 647) Positive Cytoplasm Cells Negative Cytoplasm Cells OLIG2 (Alexa 545) Negative Cytoplasm Cells OLIG2 (Alexa 545) Negative Cytoplasm Cells OLIG2 (Alexa 545) OLIG2 (Alexa 545) OLIG2 (Alexa 547) OLIG2 (Alexa 547) OLIG2 (Alexa 647) Positive Cytoplasm Cells OLIG2 (Alexa 647) Positive Cells No OLIG2 (Alexa 647) Positive Cells No OLIG2 (Alexa 647) Positive Cells OLIG2 (Alexa 647) Positive Nuclei OLIG2 (Alexa 647) Positive Nu		9557		
Negative Nuclei Cells SLC17A& (Opal 520) Positive Total AKT3 (Opal 620) Area 301722.375000 SLC17A& (Opal 520) Positive Cytoplasm Cells Total TMEM119 (Alexa 555) Area 26124.105469 (µm²) DAPI (DAPI) Positive Cytoplasm Cells Support Cells Cell				
SLC17A& (Opal 520) Positive Cytoplasm Cells		s37461		17207
Cytoplasm Cells (μm²) Τotal TMEM119 (Alexa 555) Area 26124.105469 Cytoplasm Cells (μm²) Avg AKT3 (Opal 620) Copies Per 4.234457 DAPI (DAPI) Positive Cytoplasm Cells 32944 Avg TMEM119 (Alexa 555) 0.459331 Negative Cytoplasm Cells 32944 Avg TMEM119 (Alexa 555) 0.459331 DAPI/AKT3 Cells 33404 Copies Per Cell OLIG2/AKT3 Cells 6089 Avg AKT3 (Opal 620) Area Per SLC17A7/AKT3 Cells 8.054307 SLC17A7/AKT3 Cells 5199 Cell (μm²) Cell (μm²) TMEM119/AKT3 Cells 6852 Per Cell (μm²) 0.697368 SLC17A7 Cells 5208 Avg AKT3 (Opal 620) Cell 10.945585 TMEM119 Cells 3084 Intensity % SLC17A& (Opal 520) Positive Cells 4vg TMEM119 (Alexa 555) Cell 0.068242 Cells 4vg AKT3 (Opal 620) Copies Per 0.003620 μm² % DAPI (DAPI) Positive Cells 100.00000 Avg TMEM119 (Alexa 555) 0.000393 % SLC17A& (Opal 520) Positive 15.992632 Copies Per μm² % OLIG2 (Alexa 647) Positive 25.511866 % AKT3 (Opal 620) 1+ <td< td=""><td></td><td></td><td></td><td></td></td<>				
OLIG2 (Alexa 647) Positive Cytoplasm Cells 779 Total TMEM119 (Alexa 555) Area 26124.105469 (μm²) DAPI (DAPI) Positive Cytoplasm Cells 3 Avg AKT3 (Opal 620) Copies Per 4.234457 Negative Cytoplasm Cells 32944 Avg TMEM119 (Alexa 555) 0.459331 DAPI/AKT3 Cells 33404 Copies Per Cell 0.459331 OLIG2/AKT3 Cells 6089 Avg AKT3 (Opal 620) Area Per St.C17A7/AKT3 (Cells 8.054307 SLC17A7/AKT3 Cells 5199 Cell (μm²) TMEM119/AKT3 Cells 6852 Per Cell (μm²) SLC17A7 Cells 5208 Avg AKT3 (Opal 620) Cell 10.945585 TMEM119 Cells 3084 Intensity % SLC17A8 (Opal 520) Positive 25.575932 Avg TMEM119 (Alexa 555) Cell 0.068242 Cells μm² Avg AKT3 (Opal 620) Copies Per 0.003620 0.003620 % DAPI (DAPI) Positive Cells 100.000000 Avg TMEM119 (Alexa 555) 0.000393 % SLC17A& (Opal 520) Positive 15.992632 Copies Per μm² 0.000393 % SLC17A& (Opal 520) Positive 25.511866 % AKT3 (Opal 620) 0+ 10.829929 % OLIG2 (Alexa 647)	SLC17A& (Opal 520) Positive	3742	Total AKT3 (Opal 620) Area	301722.375000
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OLIG2 Cells 6852 Per Cell (μm²) SLC17A7 Cells 5208 Avg AKT3 (Opal 620) Cell 10.945585 TMEM119 Cells 3084 Intensity % SLC17A& (Opal 520) Positive Cells 16.806812 Avg TMEM119 (Alexa 555) Cell 0.068242 Cells Avg AKT3 (Opal 620) Copies Per 0.003620 Cells μm² 0.000000 Avg TMEM119 (Alexa 555) 0.000393 % SLC17A& (Opal 520) Positive Nuclei Cells 15.992632 Copies Per μm² 0.0829929 % OLIG2 (Alexa 647) Positive Nuclei 25.511866 % AKT3 (Opal 620) 1+ 46.111958 Nuclei Cells % AKT3 (Opal 620) 2+ 32.132084 % DAPI (DAPI) Positive Nuclei 100.000000 % AKT3 (Opal 620) 3+ 8.184512	SLC17A7/AKT3 Cells			
SLC17A7 Cells 5208 Avg AKT3 (Opal 620) Cell 10.945585 TMEM119 Cells 3084 Intensity 0.068242 % SLC17A& (Opal 520) Positive Cells 16.806812 Avg TMEM119 (Alexa 555) Cell Intensity 0.068242 % OLIG2 (Alexa 647) Positive Cells 100.000000 Avg AKT3 (Opal 620) Copies Per 0.003620 Cells μm² 0.000393 % SLC17A& (Opal 520) Positive Nuclei Cells 15.992632 Copies Per μm² Nuclei Cells % AKT3 (Opal 620) 0+ 10.829929 % OLIG2 (Alexa 647) Positive Nuclei 25.511866 % AKT3 (Opal 620) 2+ 32.132084 % DAPI (DAPI) Positive Nuclei 100.000000 % AKT3 (Opal 620) 3+ 8.184512	TMEM119/AKT3 Cells	2696	Avg TMEM119 (Alexa 555) Area	0.697368
TMEM119 Cells 3084 Intensity % SLC17A& (Opal 520) Positive 16.806812 Avg TMEM119 (Alexa 555) Cell 0.068242 Cells Intensity % OLIG2 (Alexa 647) Positive 25.575932 Avg AKT3 (Opal 620) Copies Per 0.003620 Cells Pm² % DAPI (DAPI) Positive Cells 100.000000 Avg TMEM119 (Alexa 555) 0.000393 % SLC17A& (Opal 520) Positive 15.992632 Copies Per μm² Nuclei Cells % AKT3 (Opal 620) 0+ 10.829929 % OLIG2 (Alexa 647) Positive 25.511866 % AKT3 (Opal 620) 1+ 46.111958 Nuclei Cells % AKT3 (Opal 620) 2+ 32.132084 % DAPI (DAPI) Positive Nuclei 100.000000 % AKT3 (Opal 620) 3+ 8.184512	OLIG2 Cells	6852		
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Cells Intensity % OLIG2 (Alexa 647) Positive Cells 25.575932 Avg AKT3 (Opal 620) Copies Per 0.003620 Cells μm² 0.0000000 Avg TMEM119 (Alexa 555) 0.000393 % SLC17A& (Opal 520) Positive Nuclei Cells 15.992632 Copies Per μm² Nuclei Cells % AKT3 (Opal 620) 0+ 10.829929 % OLIG2 (Alexa 647) Positive Nuclei Cells % AKT3 (Opal 620) 1+ 46.111958 Nuclei Cells % AKT3 (Opal 620) 2+ 32.132084 % DAPI (DAPI) Positive Nuclei 100.000000 % AKT3 (Opal 620) 3+ 8.184512			Intensity	
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Cells μm² % DAPI (DAPI) Positive Cells 100.000000 Avg TMEM119 (Alexa 555) 0.000393 % SLC17A& (Opal 520) Positive 15.992632 Copies Per μm² Nuclei Cells % AKT3 (Opal 620) 0+ 10.829929 % OLIG2 (Alexa 647) Positive 25.511866 % AKT3 (Opal 620) 1+ 46.111958 Nuclei Cells % AKT3 (Opal 620) 2+ 32.132084 % DAPI (DAPI) Positive Nuclei 100.000000 % AKT3 (Opal 620) 3+ 8.184512	Cells		Intensity	
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% OLIG2 (Alexa 647) Positive 25.511866 % AKT3 (Opal 620) 1+ 46.111958 Nuclei Cells % AKT3 (Opal 620) 2+ 32.132084 % DAPI (DAPI) Positive Nuclei 100.000000 % AKT3 (Opal 620) 3+ 8.184512	% SLC17A& (Opal 520) Positive	15.992632	Copies Per µm²	
Nuclei Cells % AKT3 (Opal 620) 2+ 32.132084 % DAPI (DAPI) Positive Nuclei 100.000000 % AKT3 (Opal 620) 3+ 8.184512			% AKT3 (Opal 620) 0+	10.829929
Nuclei Cells % AKT3 (Opal 620) 2+ 32.132084 % DAPI (DAPI) Positive Nuclei 100.000000 % AKT3 (Opal 620) 3+ 8.184512	% OLIG2 (Alexa 647) Positive	25.511866	% AKT3 (Opal 620) 1+	46.111958
% DAPI (DAPI) Positive Nuclei 100.000000				32.132084
	% DAPI (DAPI) Positive Nuclei	100.000000		
				2.741518



% SLC17A& (Opal 520) Positive	9.989056	% AKT3 (Opal 620) Positive	89.170067
Cytoplasm Cells		AKT3 (Opal 620) H-Score	145.895737
% OLIG2 (Alexa 647) Positive	2.079496	% TMEM119 (Alexa 555) 0+	83.532204
Cytoplasm Cells		% TMEM119 (Alexa 555) 1+	12.645151
% DAPI (DAPI) Positive	0.008008	% TMEM119 (Alexa 555) 2+	3.085876
Cytoplasm Cells		% TMEM119 (Alexa 555) 3+	0.581939
% DAPI/AKT3 Positive Cells	89.170067	% TMEM119 (Alexa 555) 4+	0.154828
% OLIG2/AKT3 Positive Cells	16.254238	% TMEM119 (Alexa 555) Positive	16.467793
% SLC17A7/AKT3 Positive Cells	13.878433	TMEM119 (Alexa 555) H-Score	21.182030
% TMEM119/AKT3 Positive Cells	s 7.196818	Total Cell Area (μm²)	5431608.500000
% OLIG2 Positive Cells	18.291023	Avg Cell Area (μm²)	144.993698
% SLC17A7 Positive Cells	13.902458	Avg Cytoplasm Area (μm²)	110.792137
% TMEM119 Positive Cells	8.232562	Avg Nucleus Area (μm²)	34.201553
SLC17A& (Opal 520) Avg	2.244262	Avg Nucleus Perimeter (µm)	25.557716
Positive Nuclei Intensity		Avg Nucleus Roundness	0.780546
OLIG2 (Alexa 647) Avg Positive	0.140119	Area Analyzed (µm²)	43817244.000000
Nuclei Intensity			