Supplementary Material 10

Supplementary immunofluorescence for cell-cell communication interaction network

Laser microdissection-based multi-omics integration unveils the pathological atlas and tumor differentiation network of adamantinomatous craniopharyngioma

Bowen Wu[1] #, MM, Chunming Xu[1] #, MD, Chenxing Yang[1] #, MM, Shenhao Xie[1] #, MM, Suping Duan[2], BMed, Jiye Ye[3], MD, Jinshi Zhang[4], MD, Shaoyang Li[5], MD, Furong Liang[1], BMed, Zhicheng Ye[1], BMed, Hai Luo[1], MM, Rilege Su[1], BMed, Laisheng Pan[1], MM, Zhizheng Liu[1], MM, Shizhou Xing[1], BMed, Tianming Dong[1], BMed, Yiguang Chen[6], MD, Like Chen[1], MM, Suyue Zheng[1], MM, Jie Wu[1] *, MD, Tao Hong[1] *, MD

[1] Department of Neurosurgery, Jiangxi Key Laboratory of Neurological Diseases, the First Affiliated Hospital, Jiangxi Medical College, Nanchang University, Nanchang, 330006, China

[2] Department of Neurology, the First Affiliated Hospital, Jiangxi Medical College, Nanchang University, Nanchang, 330006, China

[3] Department of Neurosurgery, Hunan University of Medicine General Hospital, 418000, Huaihua, China

[4] Department of Neurosurgery, Ganzhou Hospital-Nanfang Hospital, Southern Medical University (Ganzhou People's Hospital), Ganzhou, 341000, China

[5] School of public health, Jiangxi medical college, Nanchang University, Nanchang, 330006, China

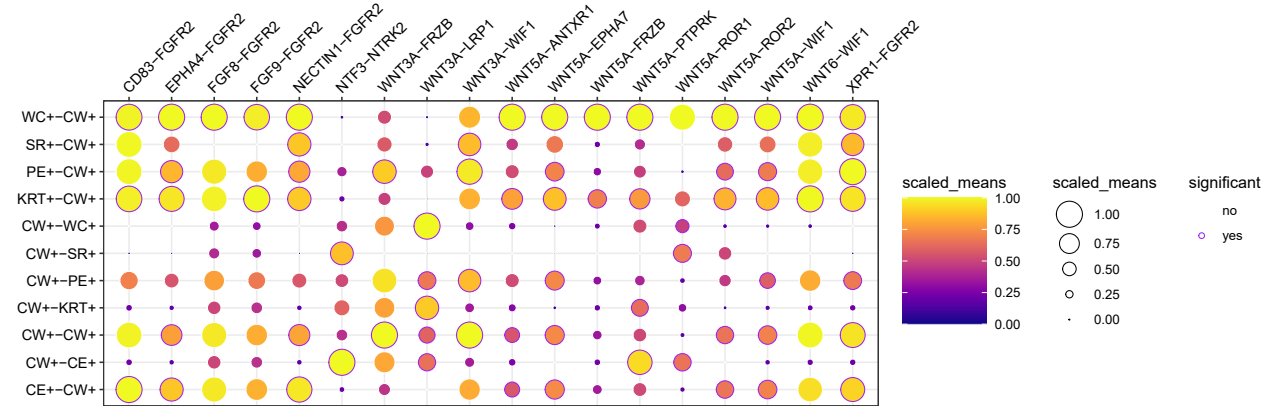
[6] Department of Neurosurgery/Neuro-oncology, State Key Laboratory of Oncology in South China, Guangdong Provincial Clinical Research Center for Cancer, SunYat-sen University Cancer Center, 510060, Guangzhou, China

# Bowen Wu, Chunming Xu, Chenxing Yang and Shenhao Xie contributed equally to this work.

* Corresponding author:

Jie Wu: Department of Neurosurgery, Jiangxi Key Laboratory of Neurological Diseases, the First Affiliated Hospital, Jiangxi Medical College, Nanchang University, 17 Yong Wai Zheng Street, Nanchang, 330006, China, E-mail: ndyfy10128@ncu.edu.cn

Tao Hong: Department of Neurosurgery, Jiangxi Key Laboratory of Neurological Diseases, the First Affiliated Hospital, Jiangxi Medical College, Nanchang University, 17 Yong Wai Zheng Street, Nanchang, 330006, China, E-mail: ndyfy00567@ncu.edu.cn


CD83–FGFR2
EPHA4–FGFR2
FGF8–FGFR2
FGF9–FGFR2
NECTIN1–FGFR2
NTF3–NTRK2
WNT3A–FRZB
WNT3A–LRP1
WNT3A–WIF1
WNT5A–ANTXR1
WNT5A–EPHA7
WNT5A–FRZB
WNT5A–PTPRK
WNT5A–ROR1
WNT5A–ROR2
WNT5A–WIF1
WNT6–WIF1
XPR1–FGFR2
WC+–CW+
SR+–CW+
PE+–CW+
KRT+–CW+
CW+–WC+
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CW+–CE+
CE+–CW+
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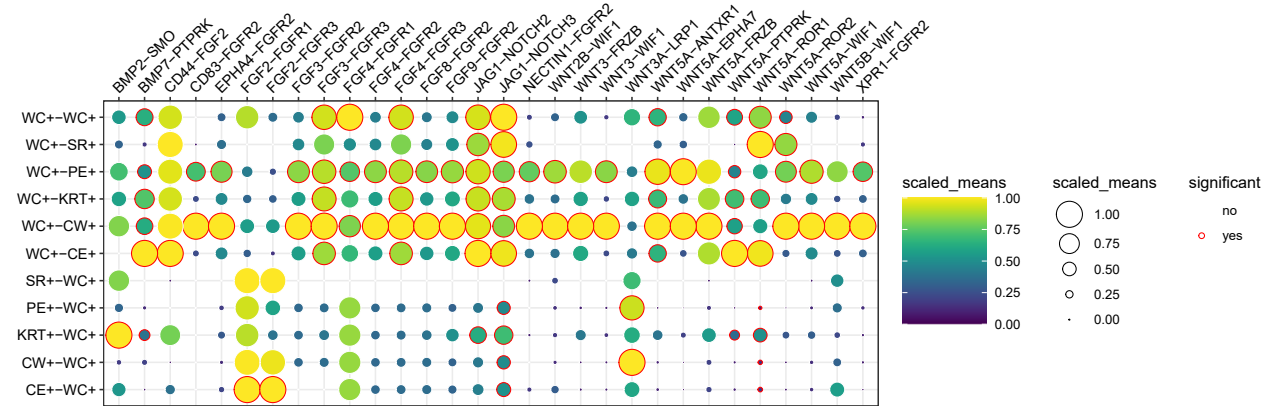
BMP2–SMO
BMP7–PTPRK
CD44–FGF2
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FGF3–FGFR3
FGF4–FGFR1
FGF4–FGFR2
FGF4–FGFR3
FGF8–FGFR2
FGF9–FGFR2
JAG1–NOTCH2
NECTIN1–FGFR2
WNT2B–WIF1
WNT3–FRZB
WNT3–WIF1
WNT3A–LRP1
WNT5A–ANTXR1
WNT5A–EPHA7
WNT5A–FRZB
WNT5A–PTPRK
WNT5A–ROR1
WNT5A–ROR2
WNT5A–WIF1
WNT5B–WIF1
XPR1–FGFR2
WC+–WC+
WC+–SR+
WC+–PE+
WC+–KRT+
WC+–CW+
WC+–CE+
SR+–WC+
PE+–WC+
KRT+–WC+
CW+–WC+
CE+–WC+
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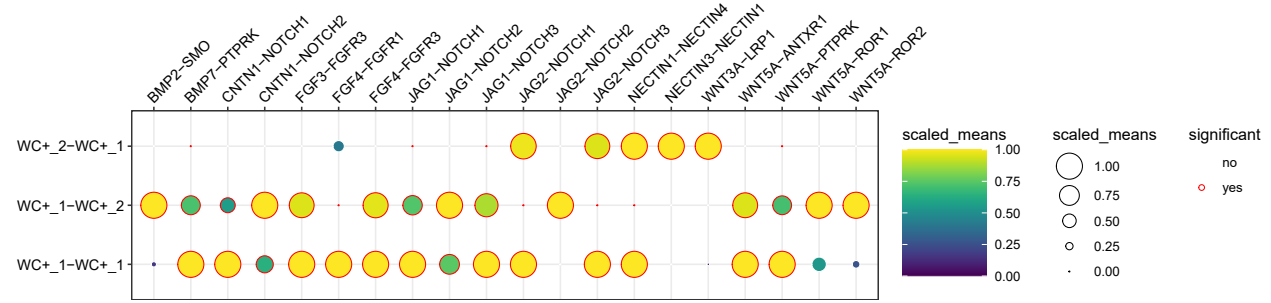
BMP2–SMO
BMP7–PTPRK
CNTN1–NOTCH1
CNTN1–NOTCH2
FGF3–FGFR3
FGF4–FGFR1
FGF4–FGFR3
JAG1–NOTCH1
JAG1–NOTCH2
JAG1–NOTCH3
JAG2–NOTCH1
JAG2–NOTCH2
JAG2–NOTCH3
NECTIN1–NECTIN4
NECTIN3–NECTIN1
WNT3A–LRP1
WNT5A–ANTXR1
WNT5A–PTPRK
WNT5A–ROR1
WNT5A–ROR2
WC+_2–WC+_1
WC+_1–WC+_2
WC+_1–WC+_1
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significant
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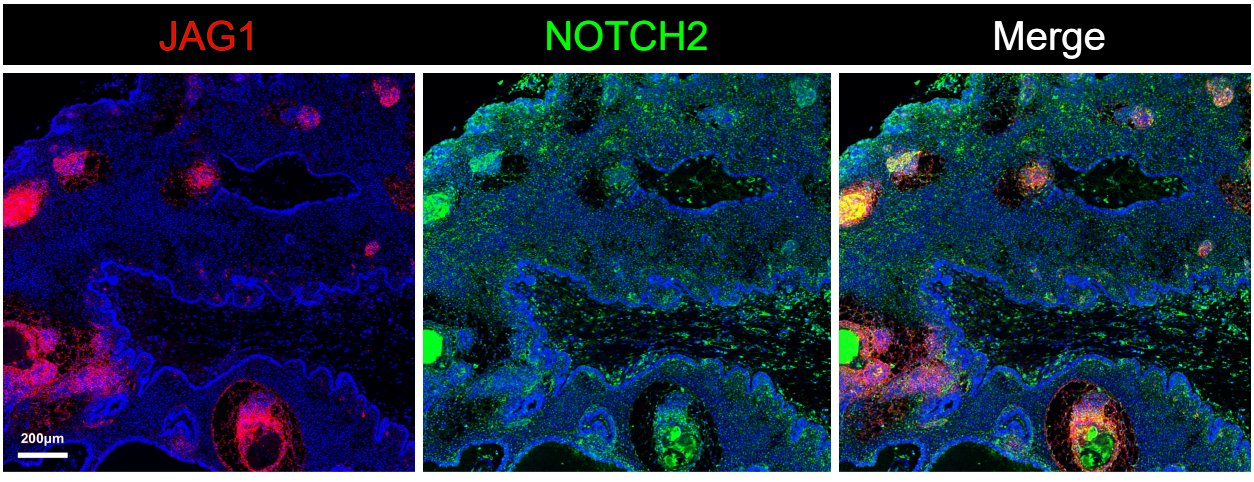
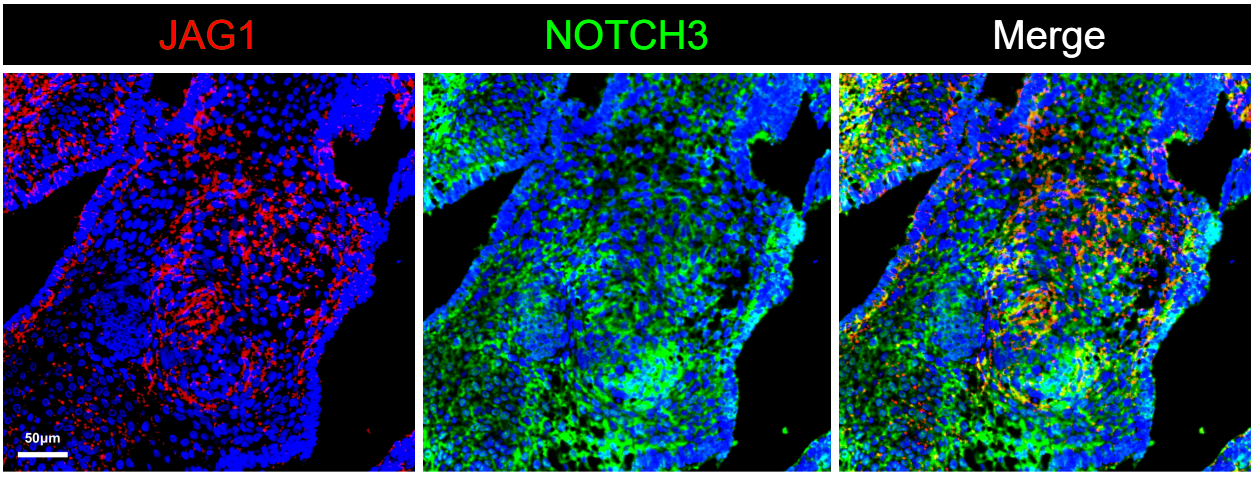
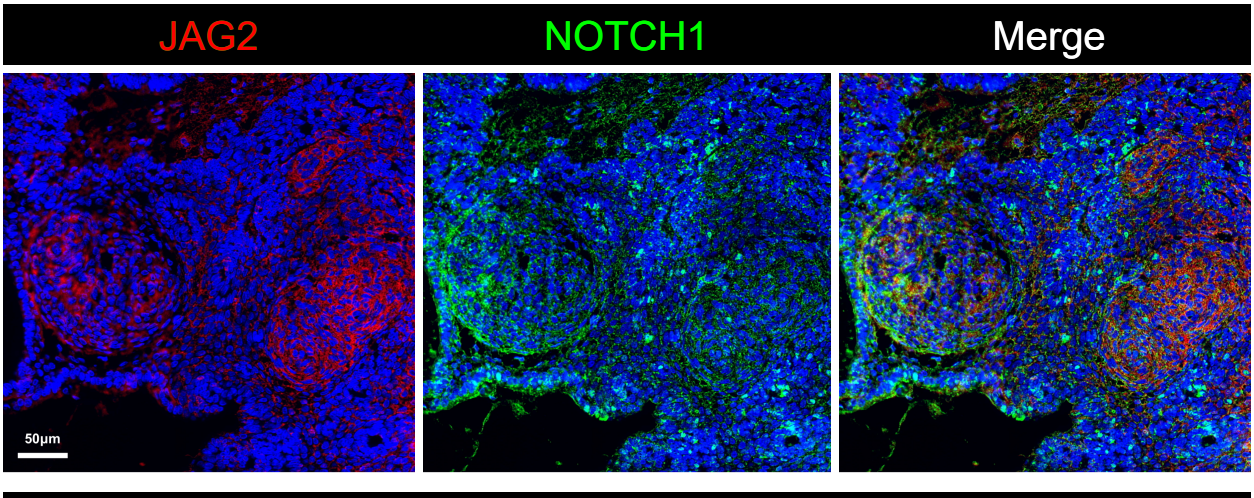

JAG1
NOTCH2
Merge
200μm


JAG1
NOTCH3
Merge
50μm


JAG2
NOTCH1
Merge
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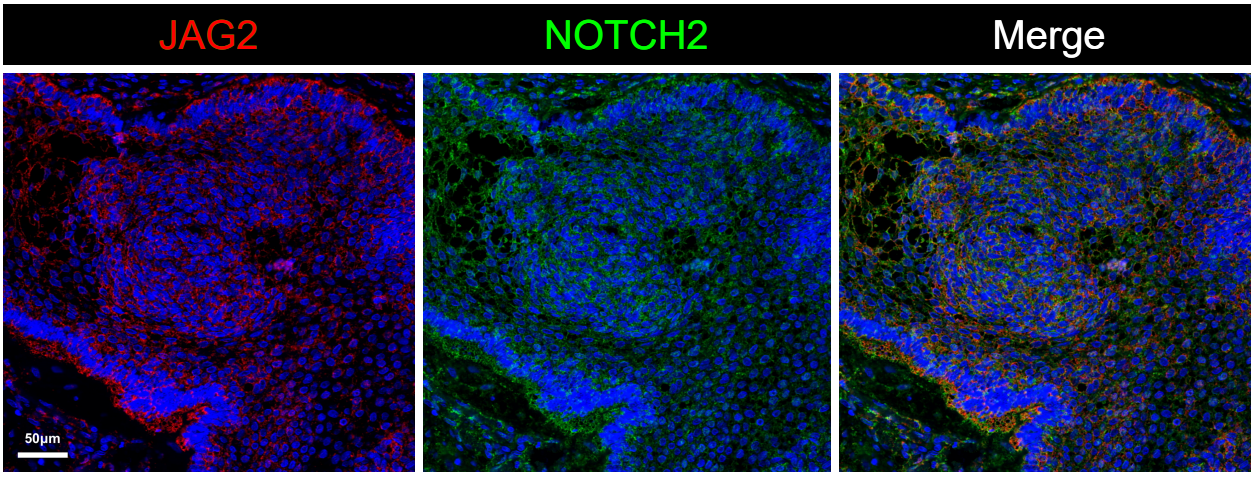
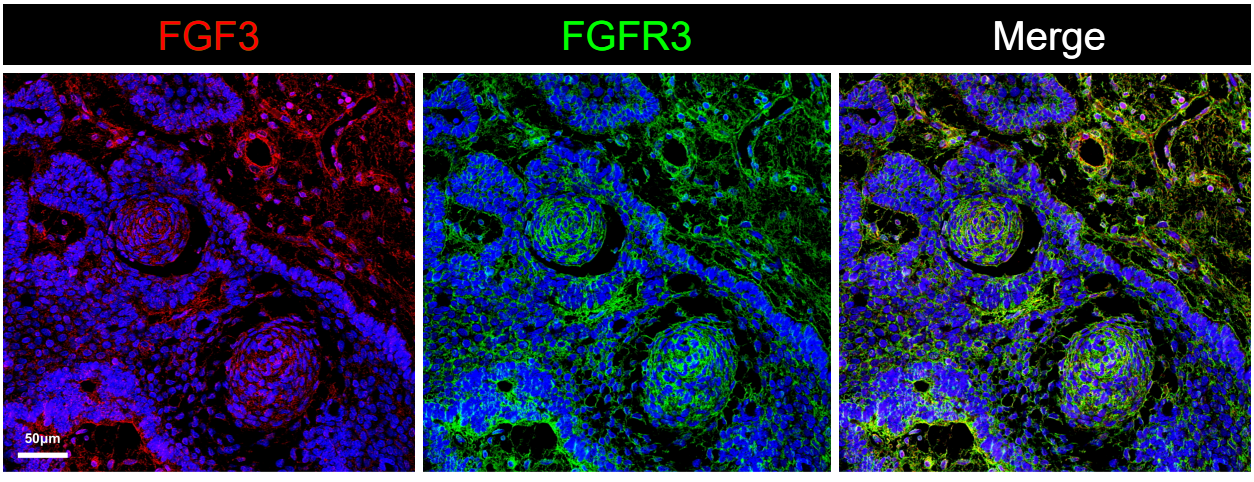
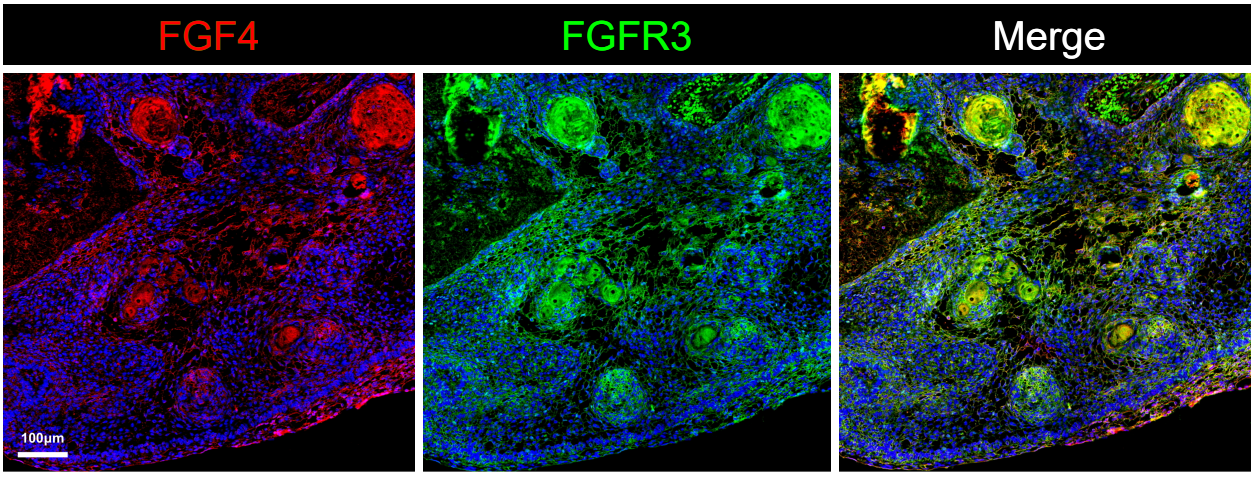
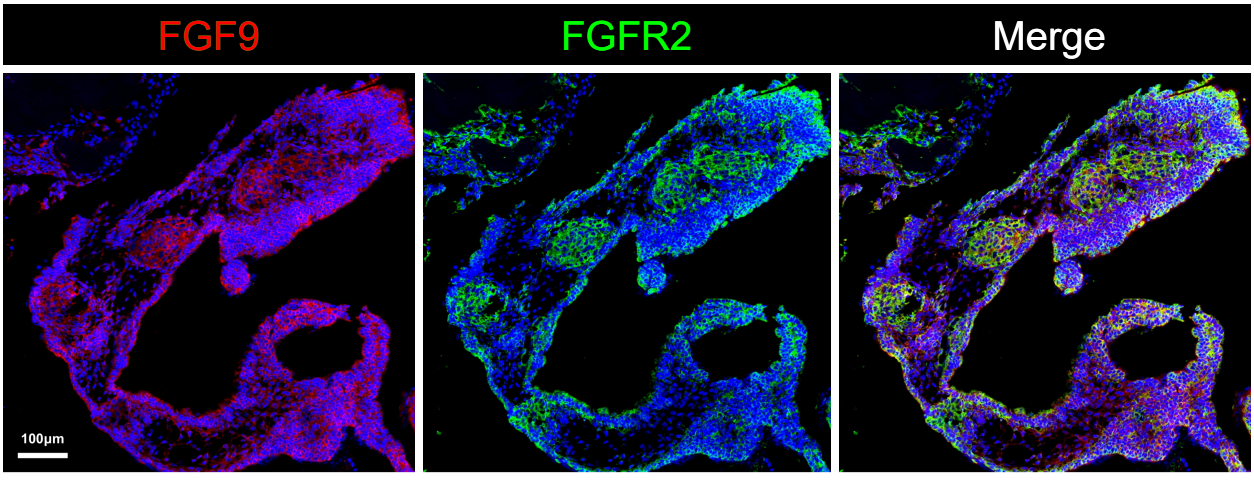
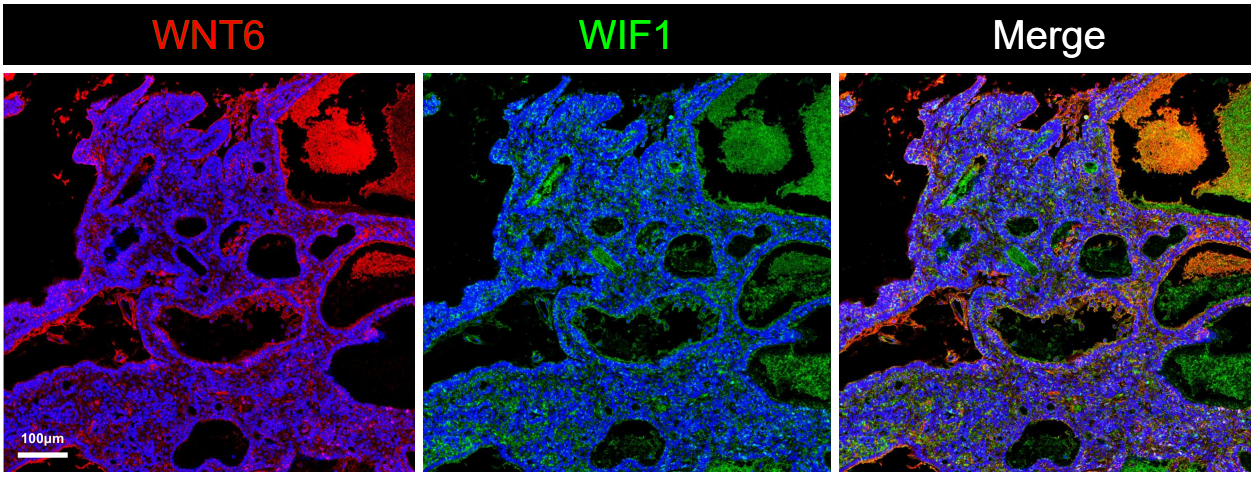
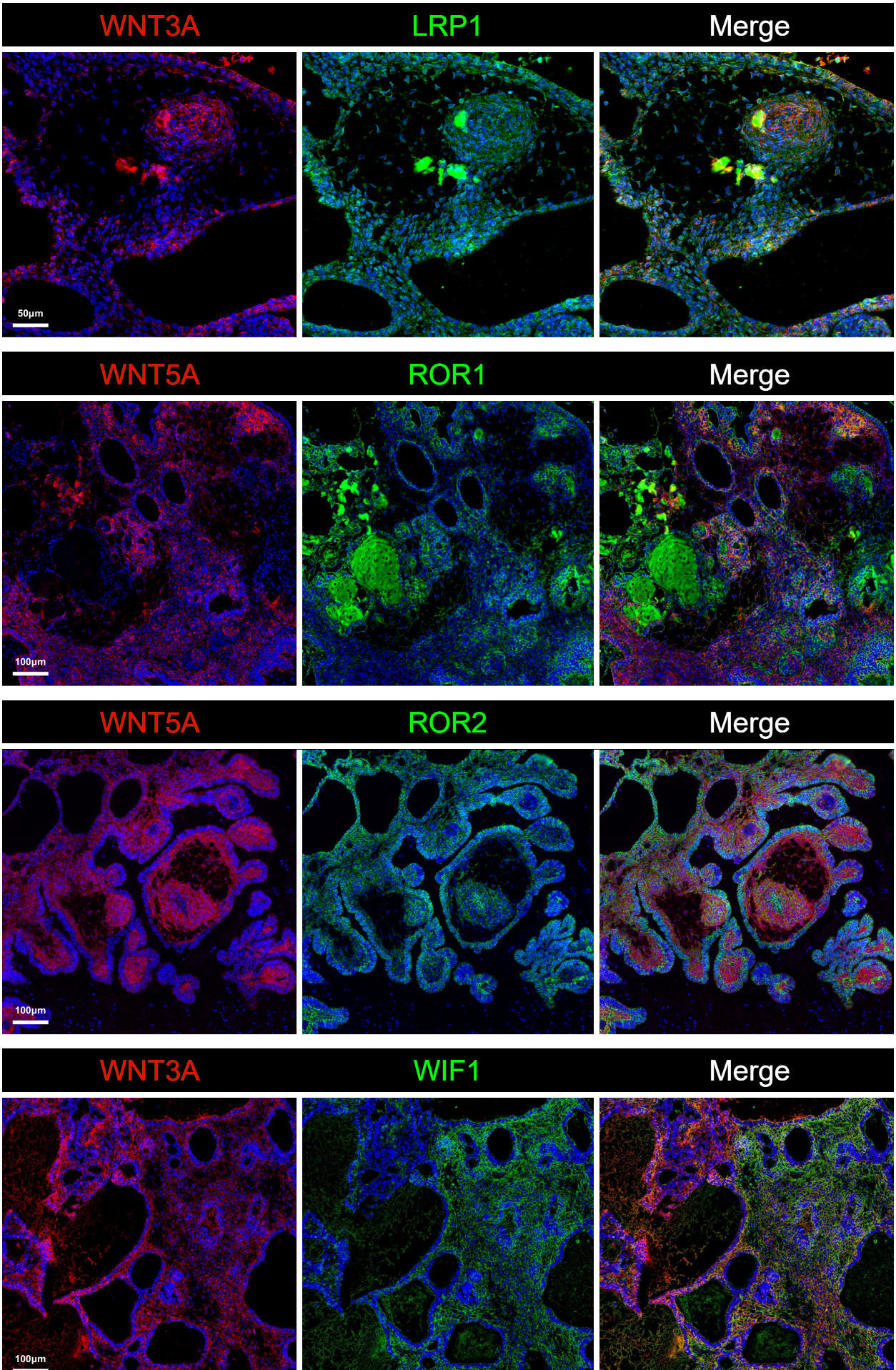

JAG2
NOTCH2
Merge
50μm


FGF3
FGFR3
Merge
50μm


FGF4
FGFR3
Merge
100μm


FGF9
FGFR2
Merge
100μm


WNT6
WIF1
Merge
100μm


WNT3A
LRP1
Merge
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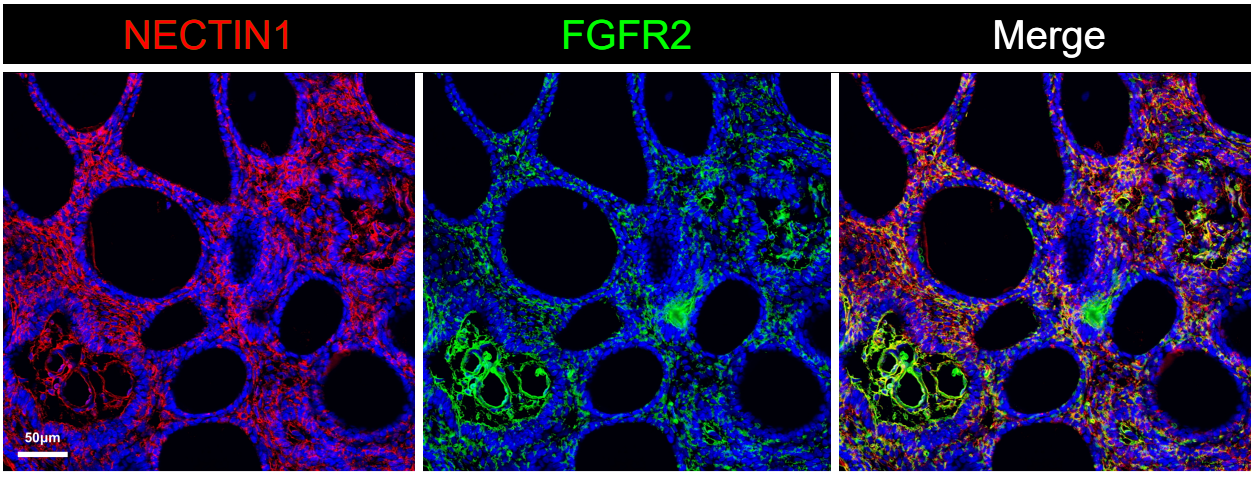
WNT5A
ROR1
Merge
100μm
WNT5A
ROR2
Merge
100μm
WNT3A
WIF1
Merge
100μm


NECTIN1
FGFR2
Merge
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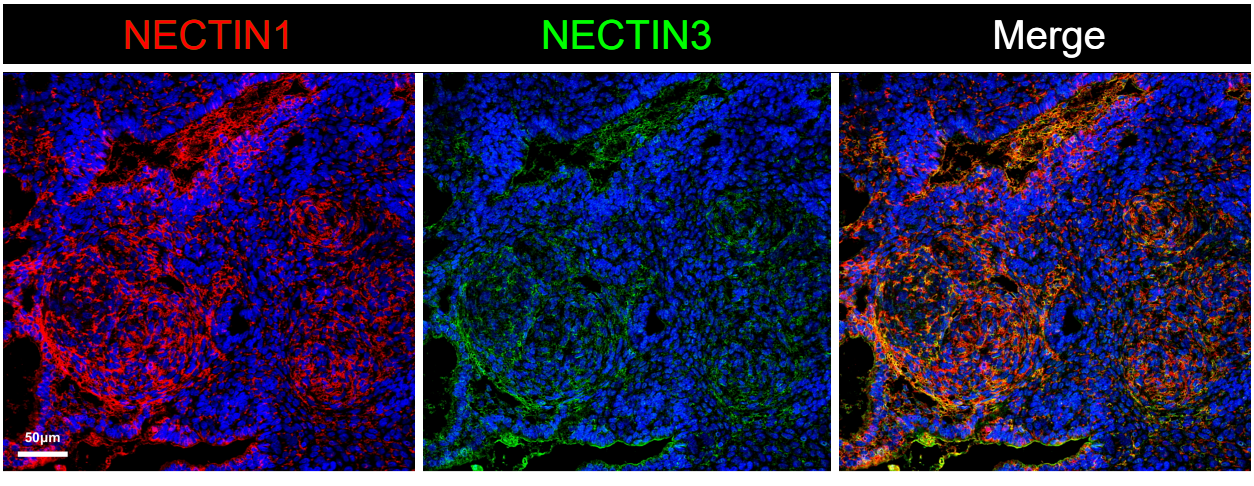
NECTIN1
NECTIN3
Merge
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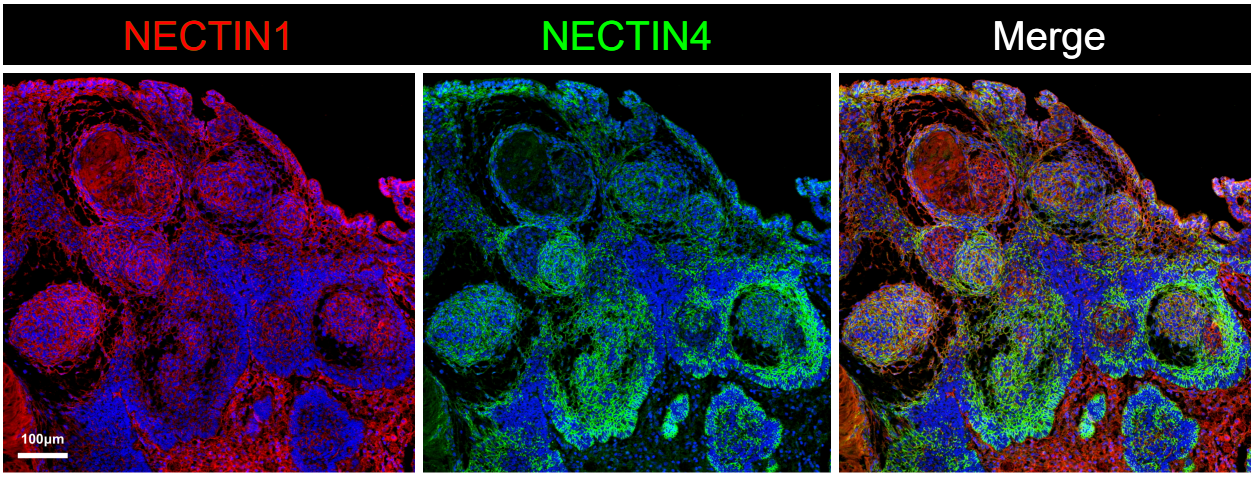
NECTIN1
NECTIN4
Merge
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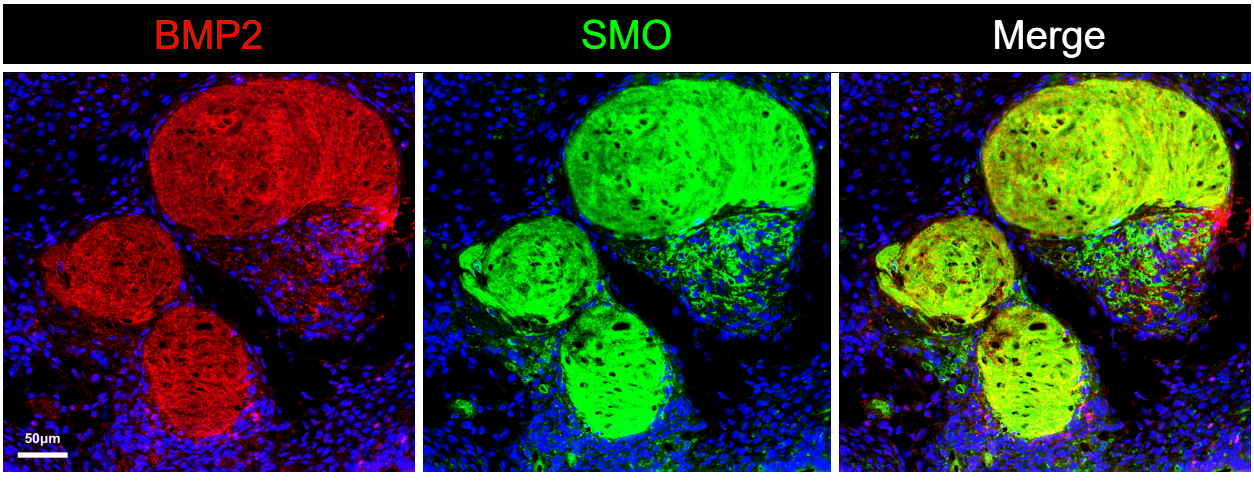
BMP2
SMO
Merge
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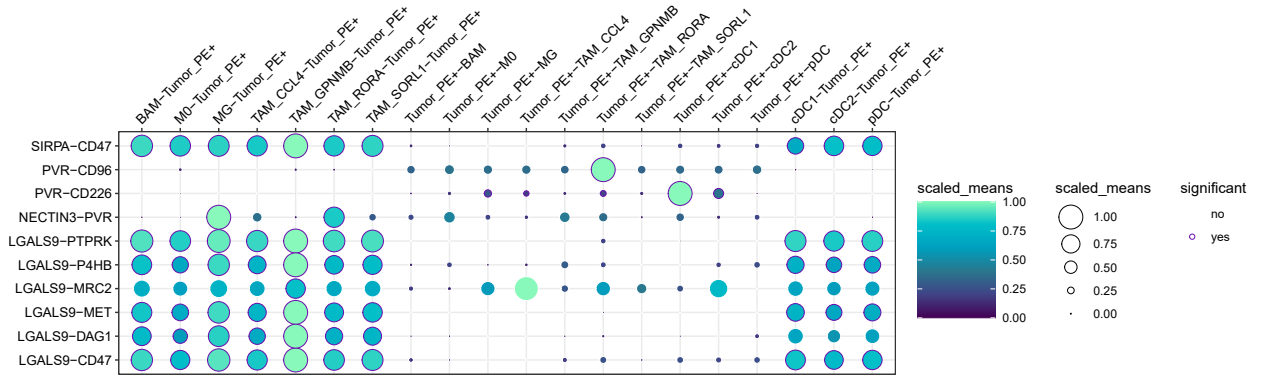
BAM−Tumor_PE+
M0−Tumor_PE+
MG−Tumor_PE+
TAM_CCL4−Tumor_PE+
TAM_GPNMB−Tumor_PE+
TAM_RORA−Tumor_PE+
TAM_SORL1−Tumor_PE+
Tumor_PE+−BAM
Tumor_PE+−M0
Tumor_PE+−MG
Tumor_PE+−TAM_CCL4
Tumor_PE+−TAM_GPNMB
Tumor_PE+−TAM_RORA
Tumor_PE+−TAM_SORL1
Tumor_PE+−cDC1
Tumor_PE+−cDC2
Tumor_PE+−pDC
cDC1−Tumor_PE+
cDC2−Tumor_PE+
pDC−Tumor_PE+
SIRPA−CD47
PVR−CD96
PVR−CD226
NECTIN3−PVR
LGALS9−PTPRK
LGALS9−P4HB
LGALS9−MRC2
LGALS9−MET
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LGALS9−CD47
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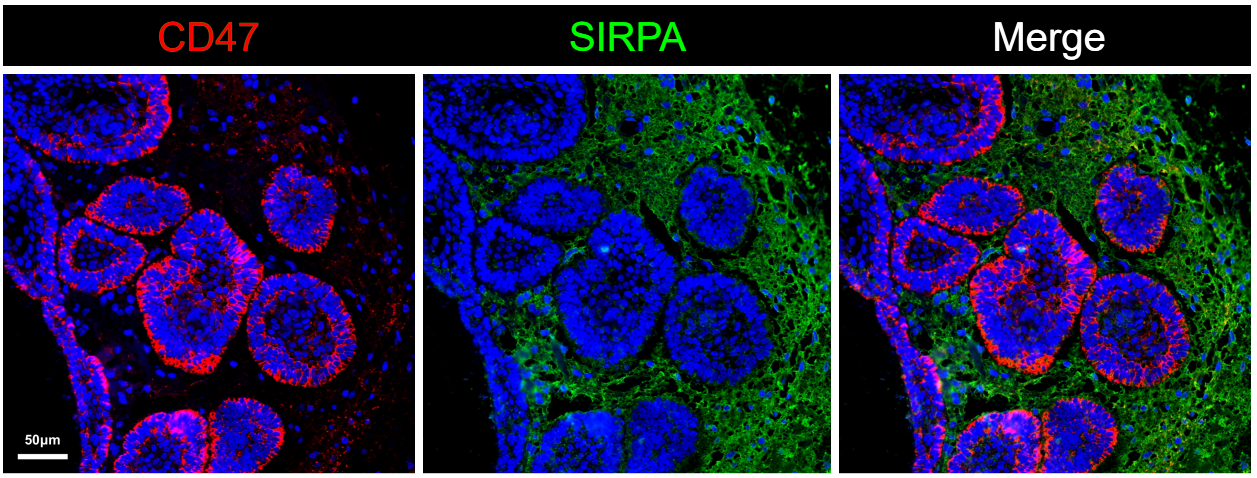
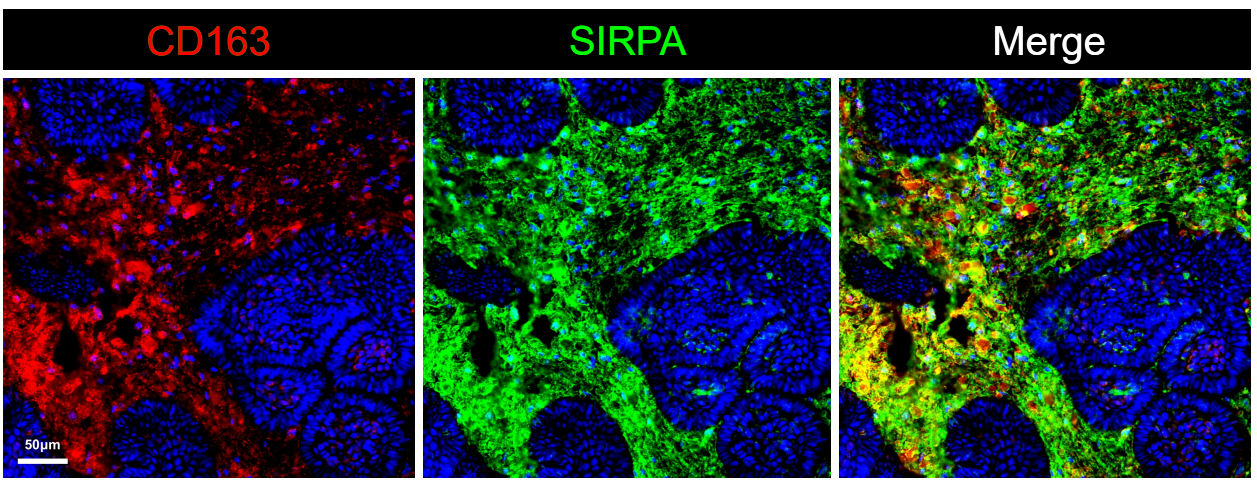

CD47
SIRPA
Merge
50μm


CD163
SIRPA
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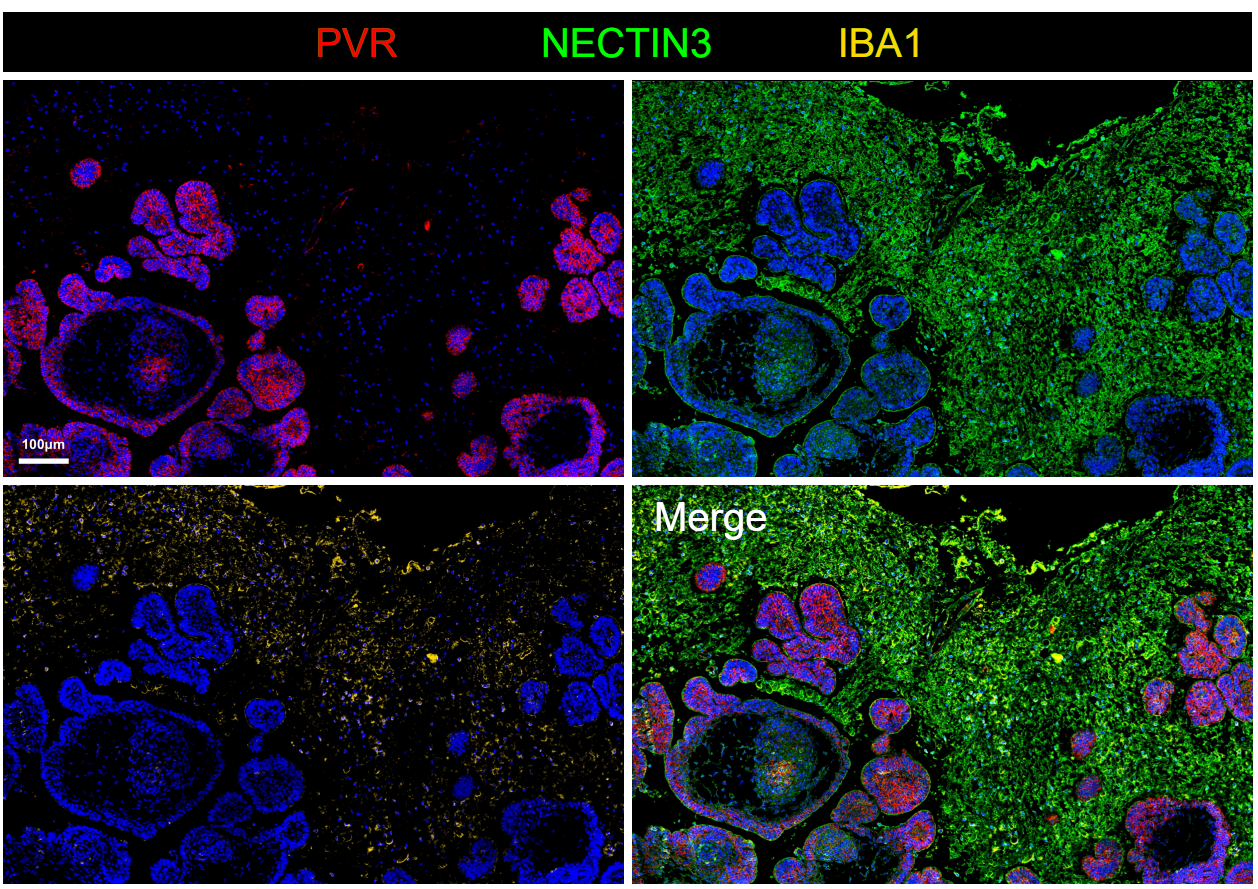
PVR
NECTIN3
IBA1
100μm
Merge