

Supplementary Material 7

Supplementary immunofluorescence for significant genes

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

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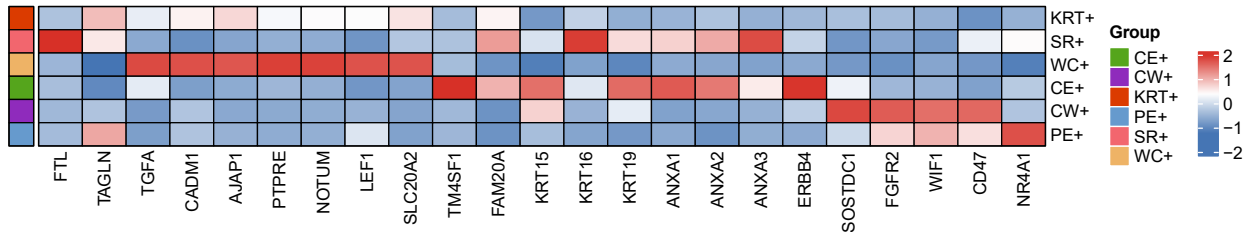
Bowen Wu, Chunming Xu, Chenxing Yang and Shenhao Xie contributed equally to this work.

* Corresponding author:

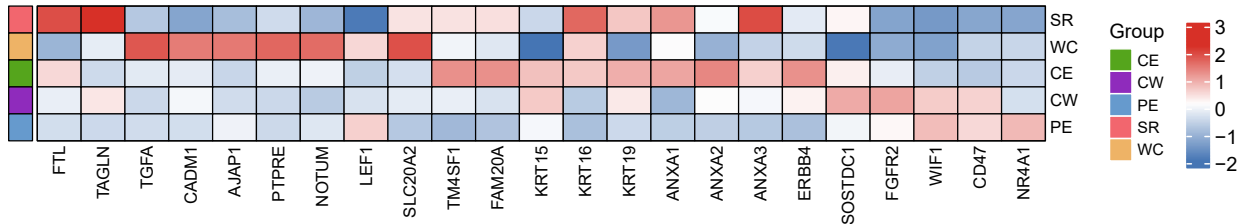
Jie Wu: Department of Neurosurgery, Jiangxi Key Laboratory of Neurological Diseases, the First Affiliated Hospital, Jiangxi Medical College, Nanchang University, 17 Yong Wai Zheng Street, Nanchang, 330006, China, E-mail: ndyfy10128@ncu.edu.cn

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Average Gene Expression by snRNA-seq



Average Gene Expression by Smart-Seq2

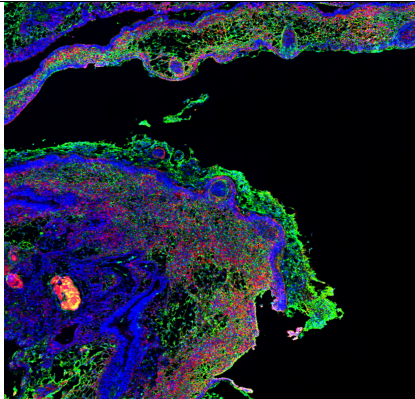
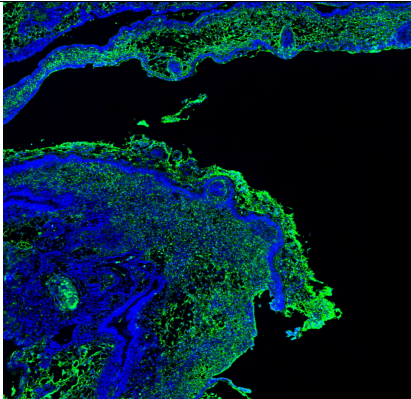
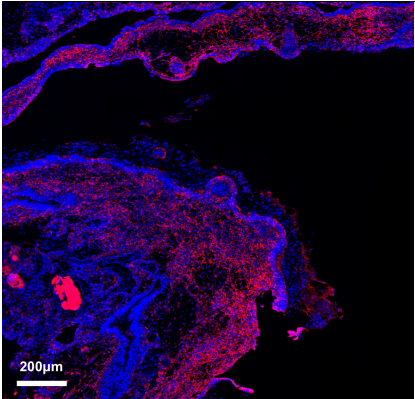


Average expression of significant genes across pathological structures: results from the internal single-nucleus RNA sequencing database and Smart-Seq2 data. The following multiplex immunofluorescence staining results are related to Figure 2.

KRT16

ANXA3

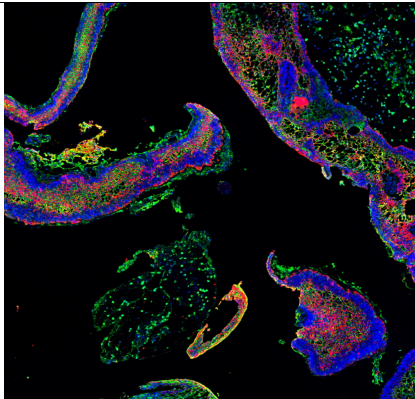
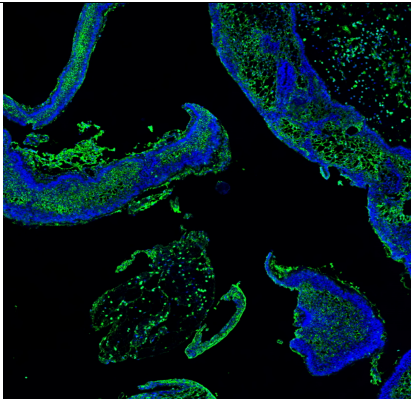
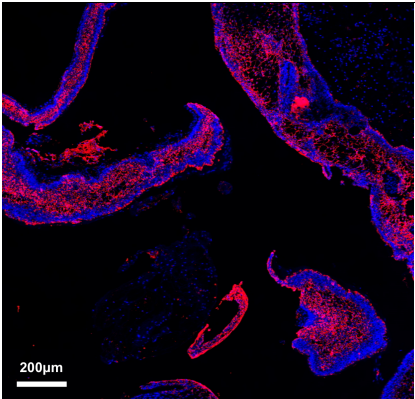
Merge



KRT16

ANXA3

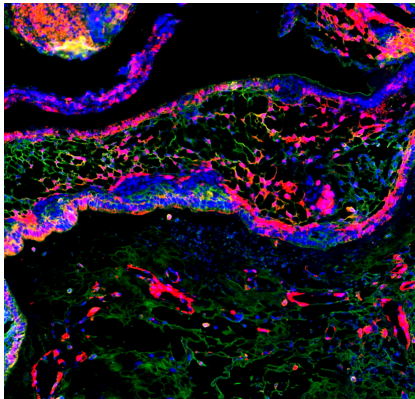
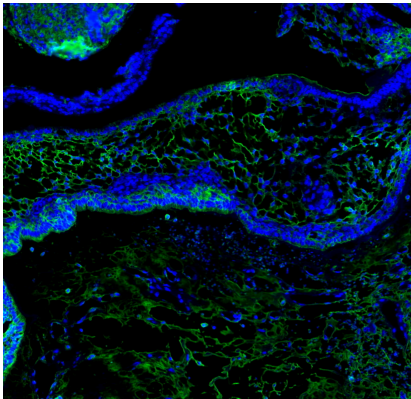
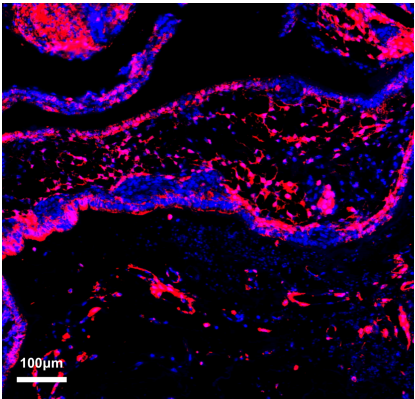
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TAGLN

FTL

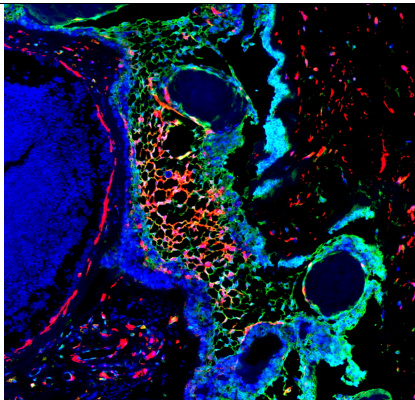
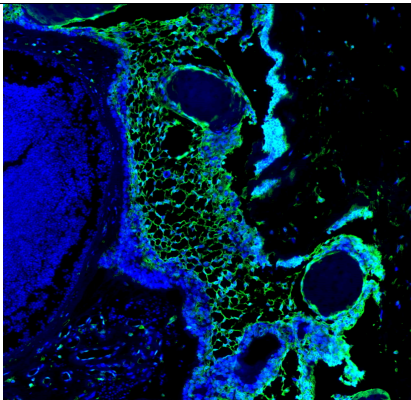
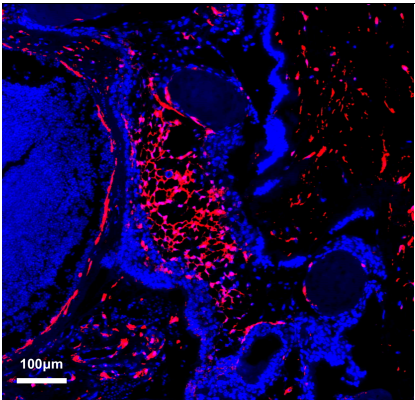
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TAGLN

ANXA3

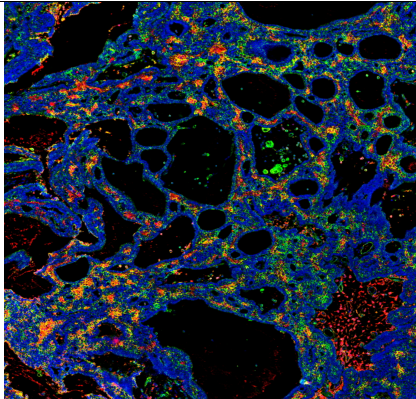
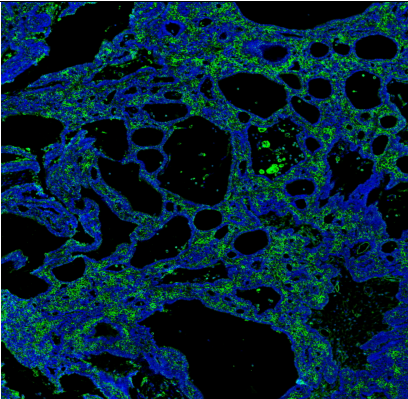
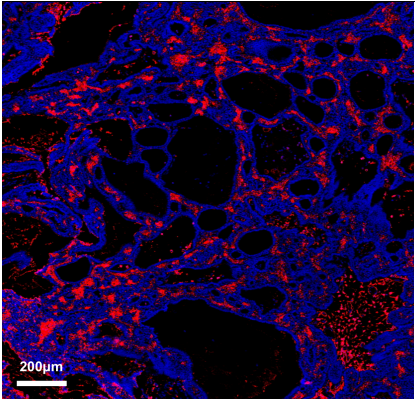
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ANXA1

ANXA2

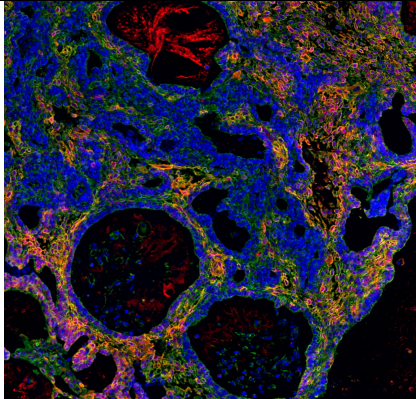
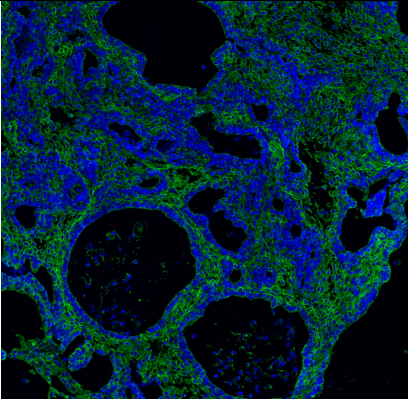
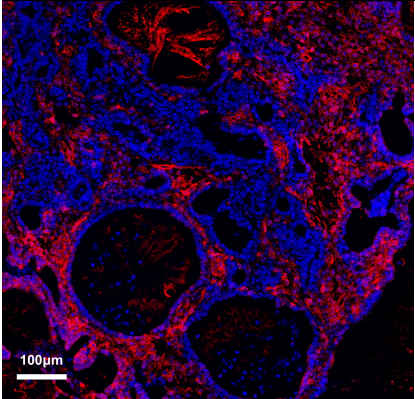
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FAM20A

KRT15

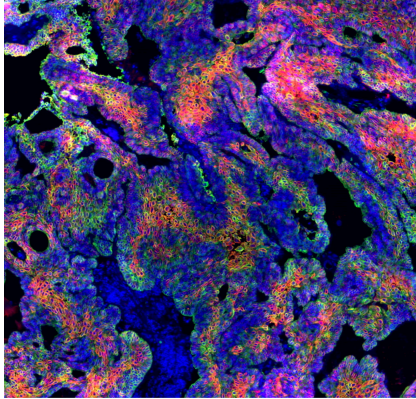
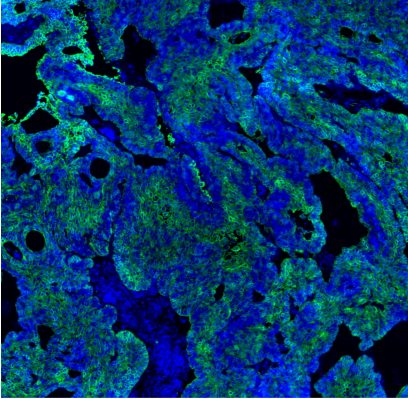
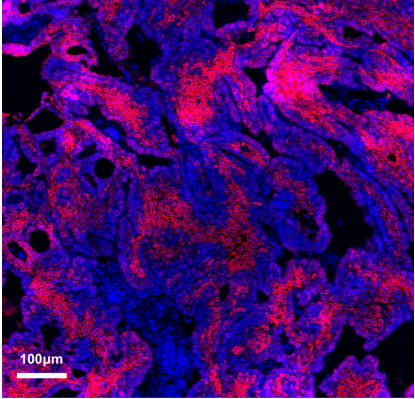
Merge



KRT19

KRT15

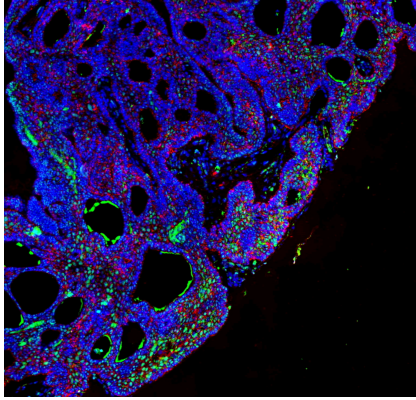
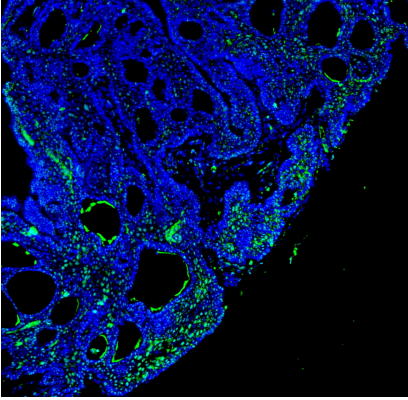
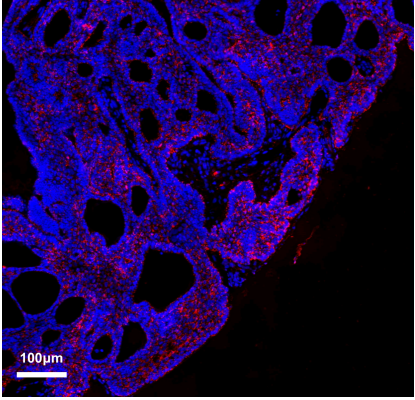
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KRT16

FAM20A

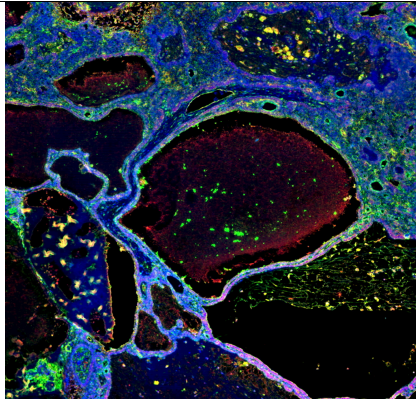
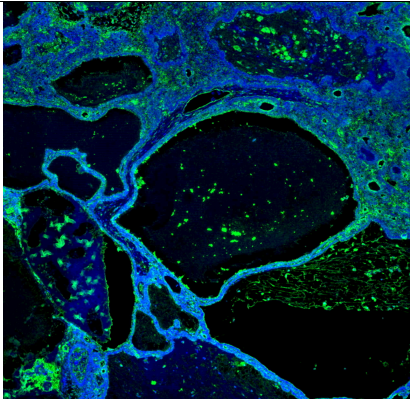
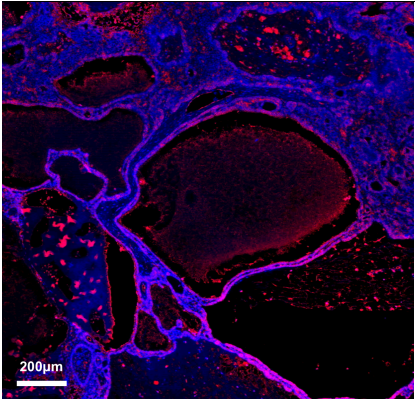
Merge



FGFR2

SOSTDC1

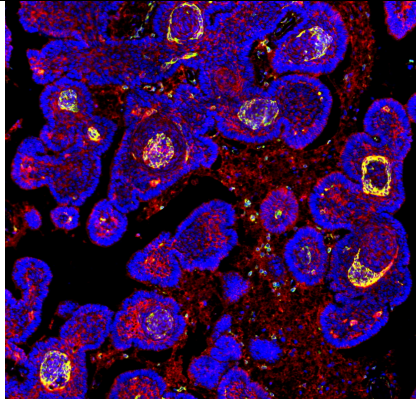
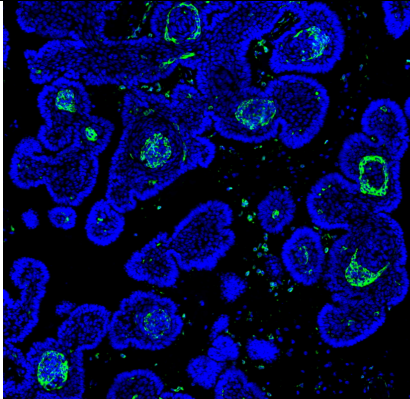
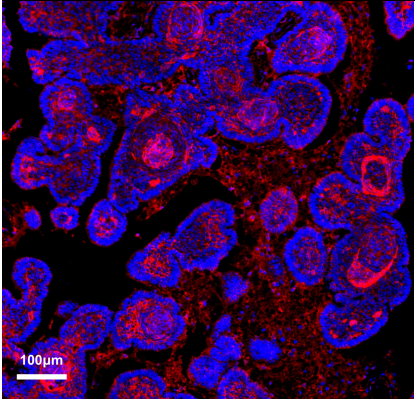
Merge



β -catenin

TGFA

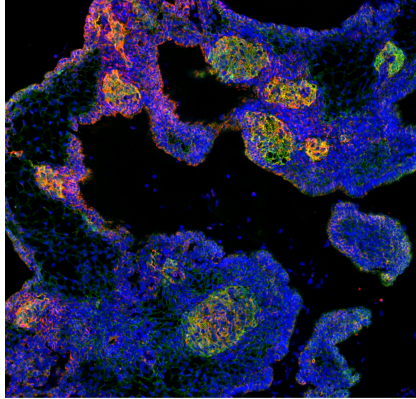
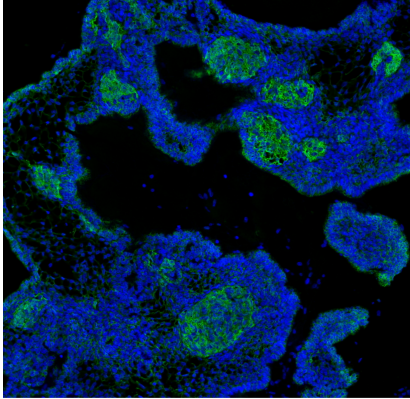
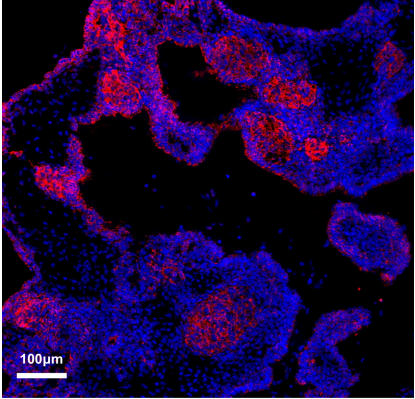
Merge



AJAP1

β -catenin

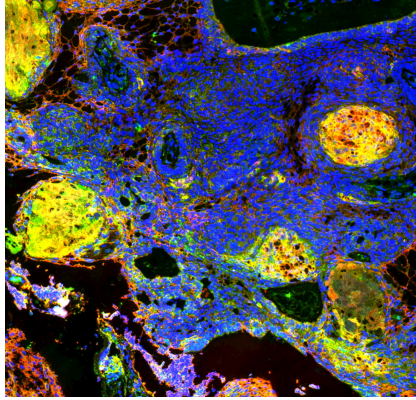
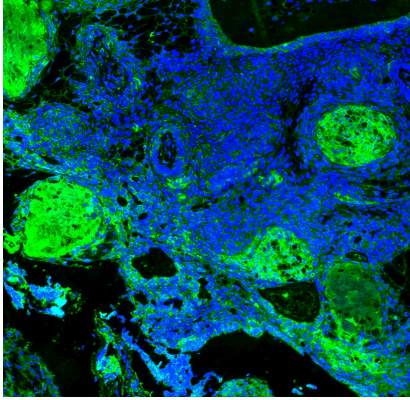
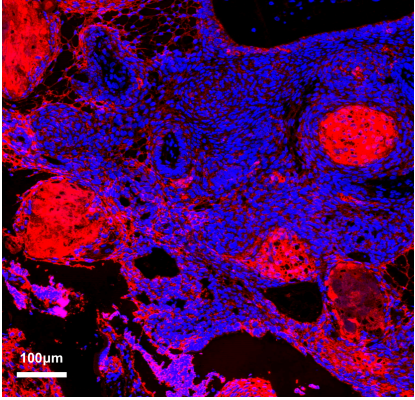
Merge



β -catenin

CADM1

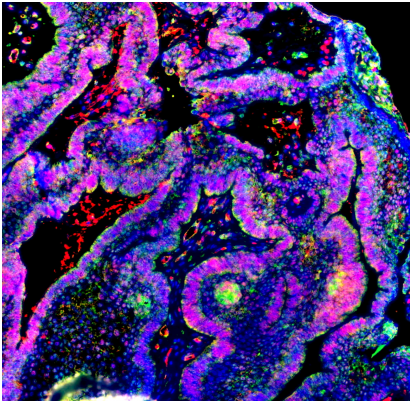
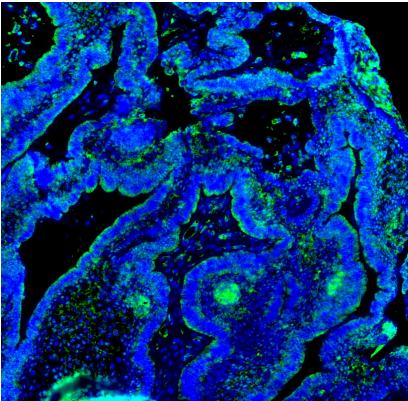
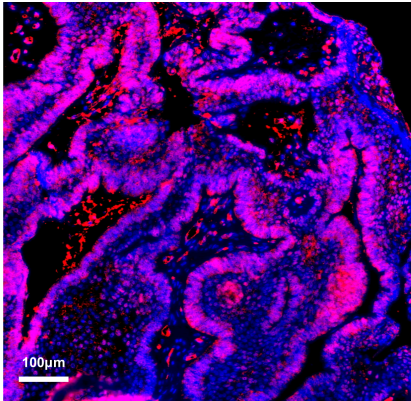
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NR4A1

PTPRE

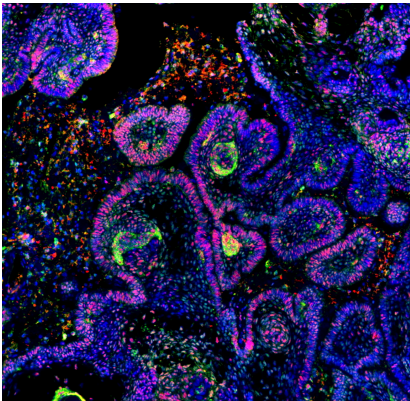
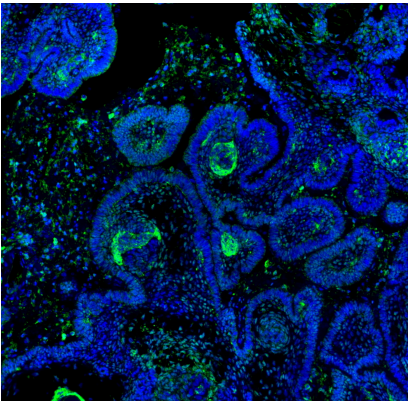
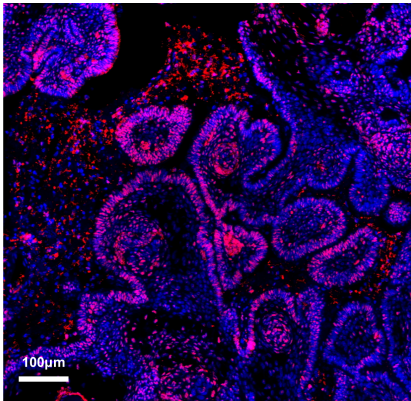
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NR4A1

PTPRE

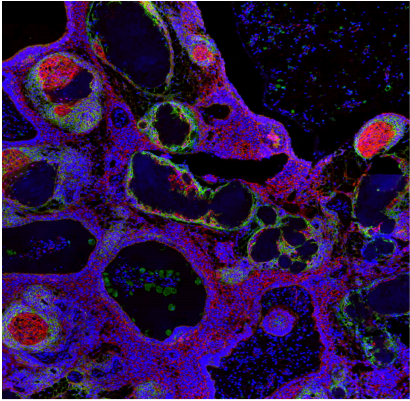
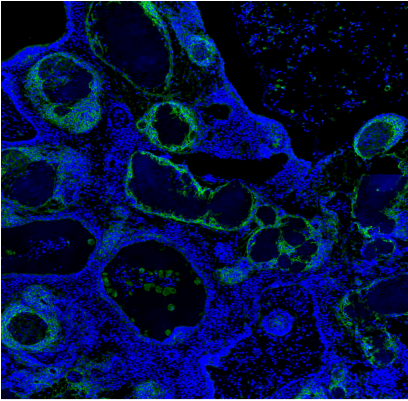
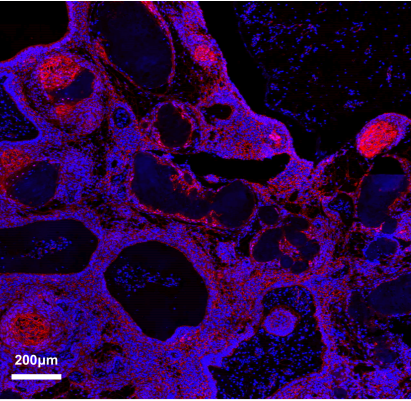
Merge



β -catenin

SLC20A2

Merge



SLC20A2

LEF1

Merge

