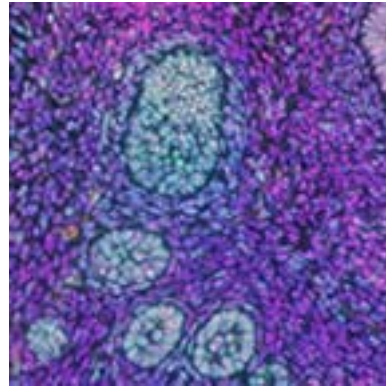
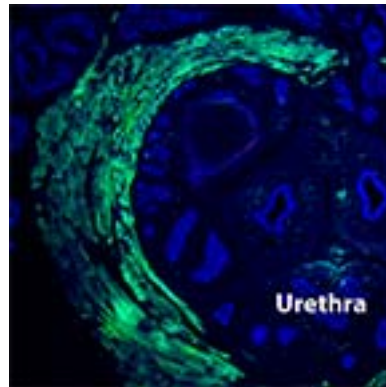


Anti-5-Methyl Cytidine (5MC) made in Mouse, Abcam Cat. No. ab10805 (Vezina Lab)



5µm paraffin-embedded 18dpc male urogenital sinus tissue section stained with 5MC antibody (1:200, red) and (DNMT1 antibody, green) and counterstained with DAPI.

Anti-actin, alpha 1, skeletal muscle (ACTA1) made in Mouse, Zymed Cat. No. 18-0177 (Vezina Lab)



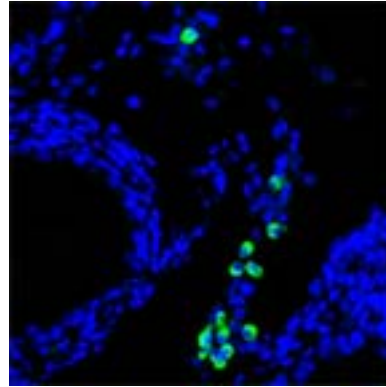
5 µm paraffin-embedded adult mouse prostatic urethra section stained with ACTA1 antibody (1: 250, green) and counterstained with DAPI. The green stain marks the striated muscle sphincter.

Anti-actin, alpha 2, smooth muscle, aorta (ACTA2) made in Mouse, Leica Cat. No. ncl-sma (Vezina Lab)



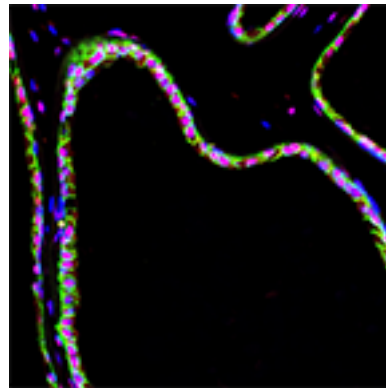
5 µm paraffin-embedded adult male mouse prostatic urethra section stained with ACTA2 antibody (1: 100, green), CDH1 antibody (red) and counterstained with DAPI (blue).

Anti-adhesion G protein-coupled receptor  
E1 (ADGRE1) made in Rat, ABD Serotec  
Cat. No. MCA497 (Vezina Lab)



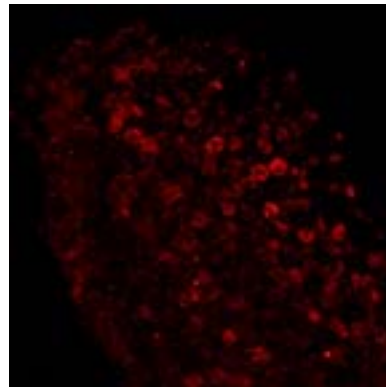
5  $\mu$ m paraffin-embedded adult male mouse  
inflamed prostate tissue section stained  
ADGRE1 (1:800, green) and counterstained  
with DAPI (blue).

Anti-Androgen Receptor (AR) made in  
Rabbit, Santa Cruz Cat. No. sc-816  
(Vezina Lab)



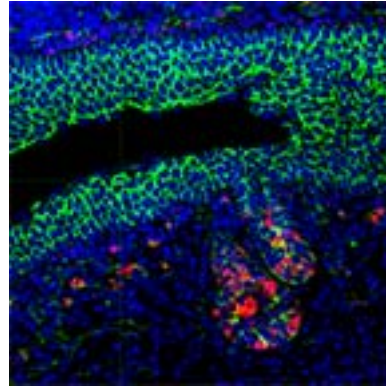
5  $\mu$ m paraffin-embedded adult male mouse  
ventral prostate section stained with AR  
antibody (1: 250, red) and CDH1 antibody  
(green) and counterstained with DAPI  
(blue).

Anti-bromodeoxy uridine (BRDU) made in  
Mouse, Sigma Aldrich Cat. No. B8434-200  
ul (Vezina Lab)



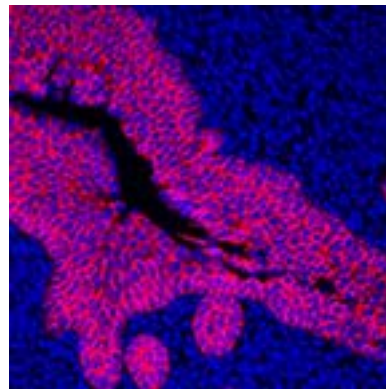
5 $\mu$ m paraffin-embedded 18dpc male  
urogenital sinus tissue section stained with  
BRDU antibody (1:200,red)

Anti-cyclin d1 (CCND1) made in Rabbit,  
Abcam Cat. No. ab16663 (Vezina Lab)



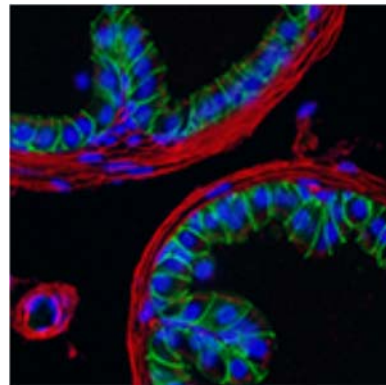
5 µm paraffin-embedded, 18 dpc male  
mouse urogenital sinus section stained with  
CCND1 antibody (1:100, red) and CTNNB1  
antibody (green) and counterstained with  
DAPI (blue).

Anti-cadherin 1 (CDH1) made in Rabbit,  
Cell Signaling Technology Cat. No. 3195S  
(Vezina Lab)



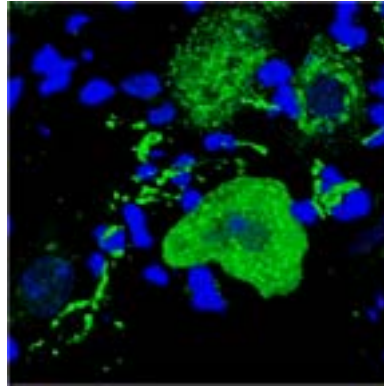
5µm paraffin-embedded 18dpc male  
urogenital sinus tissue section stained with  
CDH1 antibody (1:200, red) counterstained  
with DAPI.

Anti-cadherin 1 (CDH1) made in Mouse,  
BD Transduction Labs (via Fisher) Cat.  
No. 610181 (Vezina Lab)



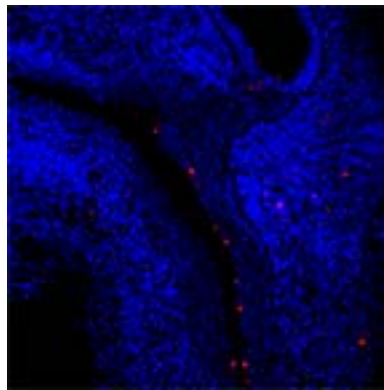
5 µm paraffin-embedded, adult dorsal  
prostate section stained with CDH1  
antibody (1:250, green) and (COL5  
antibody, red) and counterstained with  
DAPI).

Anti-Calcitonin Gene Related Peptide  
(CGRP) made in Rabbit, ImmunoStar Cat.  
No. 24112 (Vezina Lab)



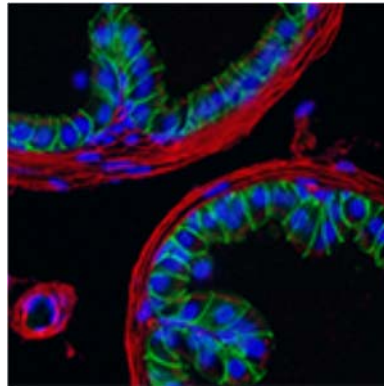
10µm frozen section P50 mouse dorsal root  
ganglia section stained with CGRP antibody  
(1: 300, green) and counterstained with  
DAPI (blue)

Anti-Caspase 3 (CLEAVED CASPASE)  
made in Rabbit, Cell Signaling Technology  
Cat. No. 9661S (Vezina Lab)



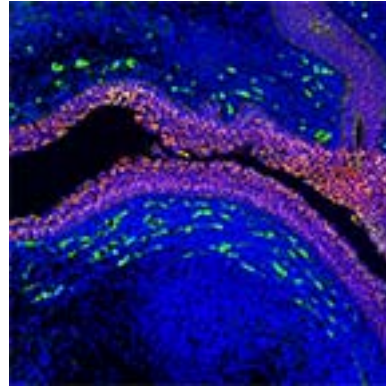
5 µm paraffin-embedded 17 dpc male  
mouse urogenital sinus section stained with  
cleaved caspase 3 (1: 200, red) and  
counterstained with DAPI (blue).

Anti-Collagen 5 (COL5) made in Rabbit,  
Abcam Cat. No. ab7046 (Vezina Lab)



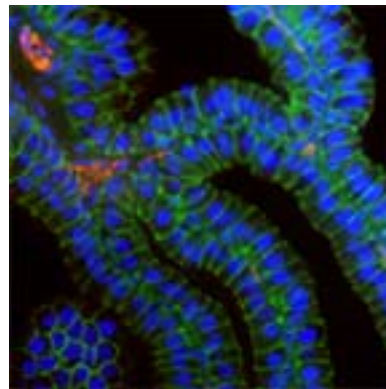
5 µm paraffin-embedded adult dorsal  
prostate section stained with COL5 antibody  
(1:100, red) and (CDH1 antibody, green)  
and counterstained with DAPI).

Anti-catenin (cadherin associated protein),  
alpha 1 (CTNNA1) made in Mouse, BD  
Transduction Labs Cat. No. 610193  
(Vezina Lab)



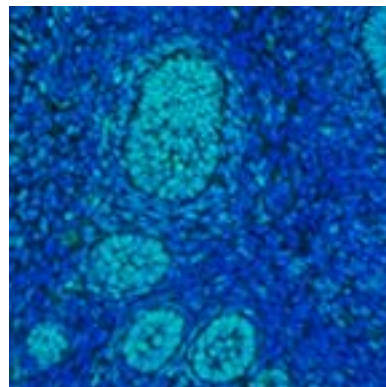
5 µm paraffin-embedded 18 dpc male  
mouse urogenital sinus section stained with  
CTNNA1 antibody (1:100, red) and  
CTNNB1 antibody (green) and  
counterstained with DAPI (blue).

Anti-catenin (cadherin associated protein),  
beta 1 (CTNNB1) made in Mouse, BD  
Transduction Labs Cat. No. 610153  
(Vezina Lab)



5 µm paraffin-embedded adult anterior  
prostate section stained with CTNNB1  
antibody (1:100, green) and (CD31  
antibody, red) and counterstained with  
DAPI).

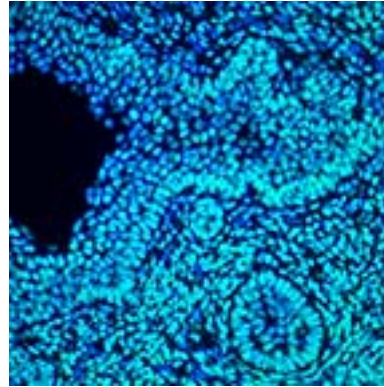
Anti-DNA methyltransferase (cytosine-5) 1  
(DNMT1) made in Rabbit, Cell Signaling  
Technology Cat. No. D63A6 (Vezina Lab)



5µm paraffin-embedded 18dpc male  
urogenital sinus tissue section stained with  
DNMT1 antibody(1:50, green) and  
counterstained with DAPI.

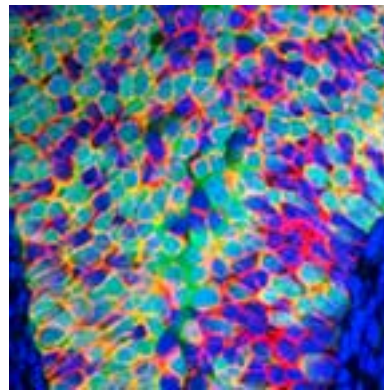


Anti-DNA methyltransferase 3A  
(DNMT3A) made in Rabbit, Santa Cruz  
Cat. No. sc-20703 (Vezina Lab)



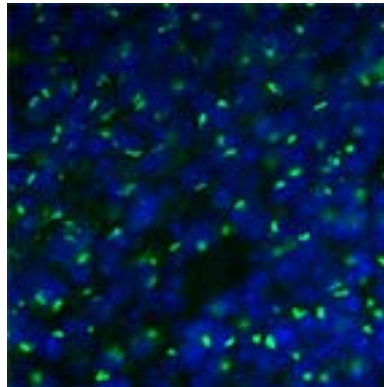
5µm paraffin-embedded 18dpc male  
urogenital sinus tissue section stained with  
DNMT3A antibody (1:400, green) and  
counterstained with DAPI.

Anti-Green fluorescent protein (GFP/YFP)  
made in Chicken, Abcam Cat. No.  
ab13970 (Vezina Lab)



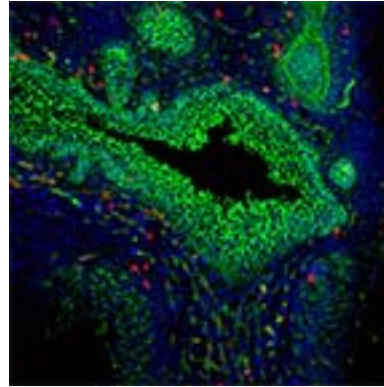
5µm paraffin-embedded 16dpc  
ShhcreErt2/+;R26R-EYFP male urogenital  
sinus tissue section stained with EYFP  
antibody (1:400, green) and CDH1 (red)  
and counterstained with DAPI.

Anti-GLI-Kruppel family member GLI1  
(GLI1) made in Rabbit, Novus Biologicals  
Cat. No. NB600-600 (Vezina Lab)



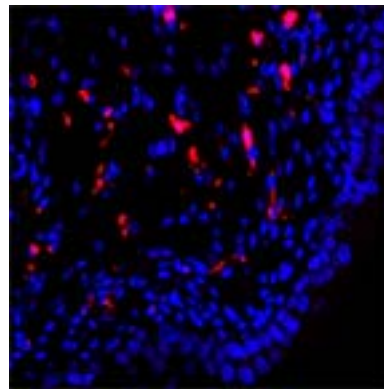
5 µm paraffin-embedded 16.5 mouse  
urogenital sinus section stained with Gli-1  
antibody (1: 600, green) and counterstained  
with DAPI.

Anti-Histone H3, phospho (Ser 10) (H3, PHOSPHO) made in Rabbit, Cell Signaling Technology Cat. No. 9701s (Vezina Lab)



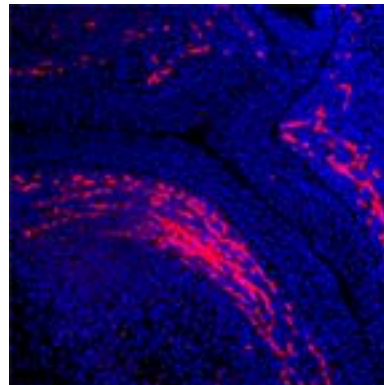
5 µm paraffin-embedded 18 dpc male mouse urogenital sinus section stained with phospho-Histone H3 (1:250, red) and CTNNB1 (green) and counterstained with DAPI (blue).

Anti-integrin alpha M (ITGAM) made in Rabbit, Abcam Cat. No. ab75476 (Vezina Lab)



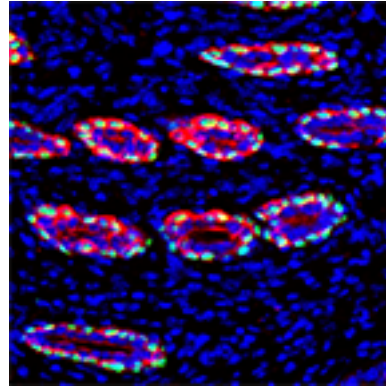
5 µm paraffin-embedded adult male mouse bladder section stained with ITGAM antibody (1:100, red) and counterstained with DAPI (blue).

Anti-kinase insert domain protein receptor (KDR) made in Rabbit, Cell Signaling Technology Cat. No. 2479s (Vezina Lab)



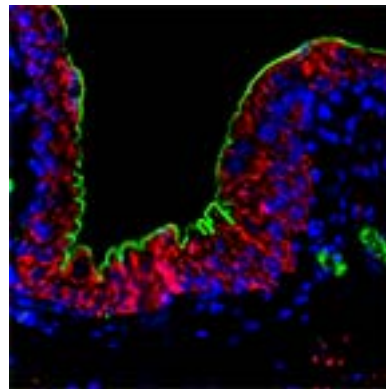
5 µm paraffin-embedded 17 dpc male mouse urogenital sinus section stained with KDR antibody (1:600, red) and counterstained with DAPI (blue).

Anti-Keratin, Pan- (KRT, PAN) made in Rabbit, Invitrogen Cat. No. 18-0059 (Vezina Lab)



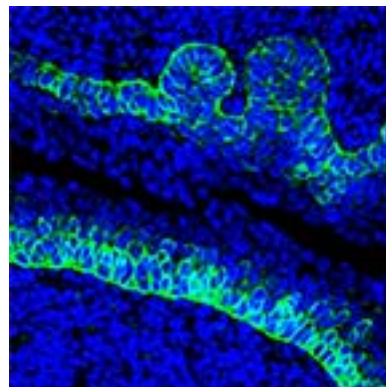
5 µm paraffin embedded 20 day old male mouse prostate section stained with pan-KRT antibody (1: 250, red) and TRP63 antibody (green) and counterstained with DAPI (blue).

Anti-Keratin 13 (KRT13) made in Rabbit, Lifespan Biosciences Cat. No. LS-B10431-50 (Vezina Lab)



5 µm paraffin embedded adult male mouse bladder section stained with KRT13 antibody (1: 400, red) and KRT20 antibody (green) and counterstained with DAPI (blue).

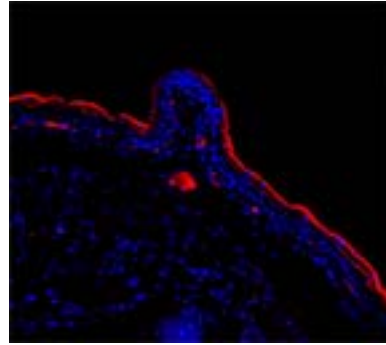
Anti-Keratin 14 (KRT14) made in Mouse, Thermo Scientific Cat. No. ms-115-p0 (Vezina Lab)



5 µm paraffin-embedded 17 dpc male mouse urogenital sinus section stained with KRT14 antibody (1: 50, green) and counterstained with DAPI (blue)

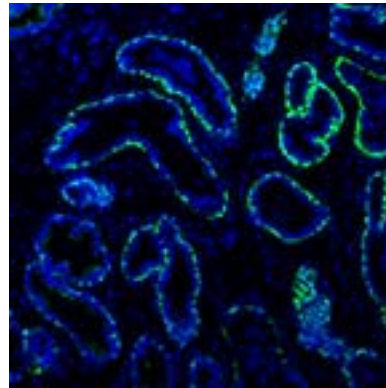


Anti-Keratin 20 (KRT20) made in Mouse,  
Dako Cat. No. M701929-2 (Vezina Lab)



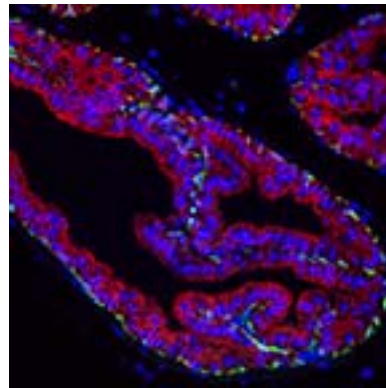
5 µm paraffin-embedded adult male mouse  
bladder section stained with KRT20  
antibody (1: 300, red) and counterstained  
with DAPI (blue)

Anti-Keratin 5 (KRT5) made in Chicken,  
Biologend Cat. No. 905901 (Vezina Lab)



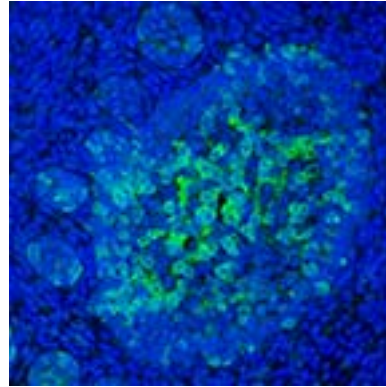
5 µm paraffin-embedded ventral prostate  
section from adult mouse 3 days post  
castration stained with KRT5 antibody  
(1:200, green) and counterstained with  
DAPI.

Anti-Keratin 8 (KRT8) made in Rabbit,  
Abcam Cat. No. ab53280 (Vezina Lab)



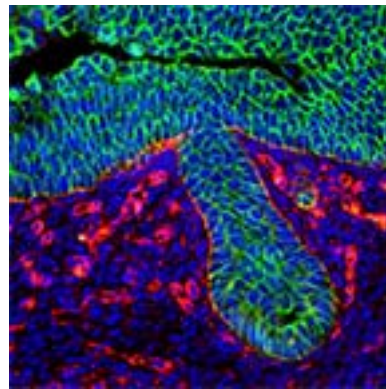
5 µm paraffin-embedded dorsal prostate  
section from adult mouse stained with KRT8  
antibody (1:200, red) and KRT14 (in green)  
counterstained with DAPI.

Anti-beta-D-galactosidase (lacZ) made in Chicken, Abcam Cat. No. ab9361 (Vezina Lab)



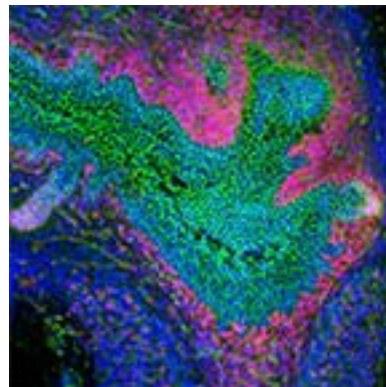
5µm paraffin-embedded 18dpc ShhcreErt2/+;R26R-LacZ male urogenital sinus tissue section stained with LacZ antibody (1:250, green) and counterstained with DAPI.

Anti-laminin (LAM) made in Rabbit, Sigma Aldrich Cat. No. I9393-.2ml (Vezina Lab)



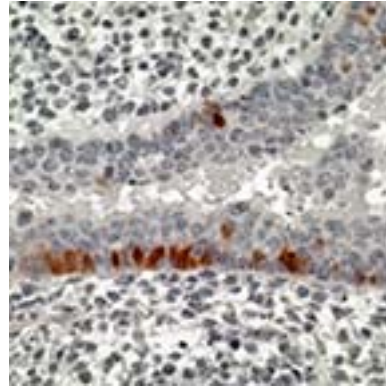
5 µm paraffin-embedded 18 dpc male mouse urogenital sinus section stained with LAM antibody (1: 250, red) and CDH1 antibody (green) and counterstained with DAPI (blue).

Anti-lymphoid enhancer binding factor 1 (LEF1) made in Rabbit, Cell Signaling Technology Cat. No. 2230 (Vezina Lab)



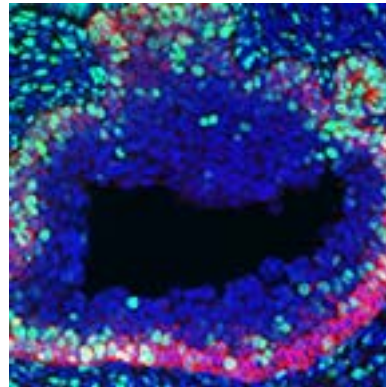
5 µm paraffin-embedded 18 dpc male mouse urogenital sinus section stained with LEF1 antibody (1:100, red) and CTNNB1 antibody (green) and counterstained with DAPI (blue).

Anti-mitogen-activated protein kinase 1/3 (MAPK1/3, PHOSPHO) made in Rabbit, Cell Signaling Technology Cat. No. 4370S (Vezina Lab)



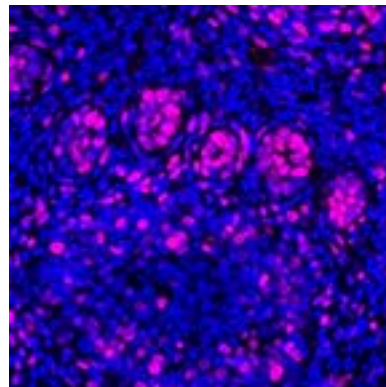
5  $\mu$ m paraffin-embedded 17 dpc male mouse urogenital sinus grown for 12 hours in the presence of recombinant FGF10 protein, sectioned, and stained with phospho-MAPK1/3 antibody (1:400, red) and counterstained with hematoxylin.

Anti-antigen identified by monoclonal antibody Ki 67 (mKi67) made in Rabbit, Abcam Cat. No. ab15580 (Vezina Lab)



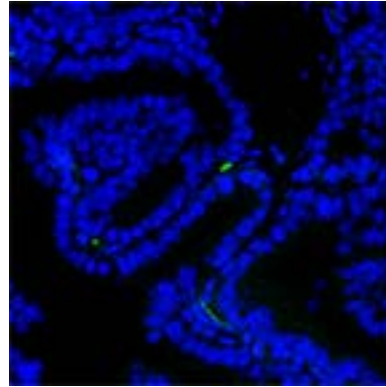
5 $\mu$ m paraffin-embedded 18dpc male urogenital sinus tissue section stained with Ki67 antibody (1:400, green) and KRT14 (in red) and counterstained with DAPI.

Anti-antigen identified by monoclonal antibody Ki 67 (mKi67) made in Mouse, BD Biosciences Cat. No. 550609 (Vezina Lab)



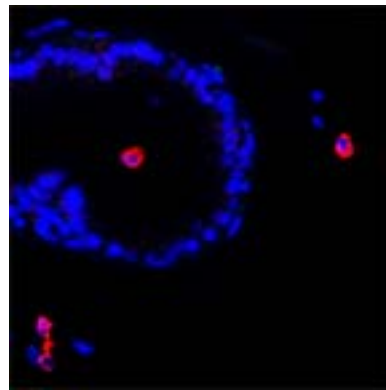
5 $\mu$ m paraffin-embedded 18dpc male urogenital sinus tissue section stained with Ki67 antibody (1:400, red) and counterstained with DAPI.

Anti-kit oncogene (KIT) made in Mouse,  
eBioscience Cat. No. 14-1172 (Vezina  
Lab)



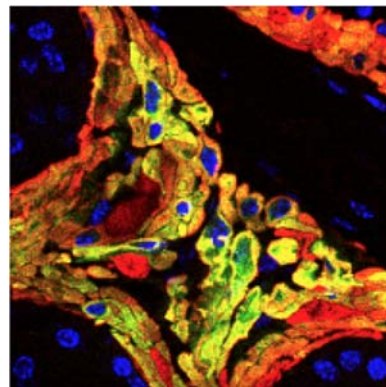
5 µm paraffin-embedded adult male mouse  
dorsal prostate section stained KIT antibody  
(1: 50, green) and counterstained with DAPI  
(blue).

Anti-mannose receptor, C type 1 (MRC1)  
made in Rabbit, Abcam Cat. No. ab64693  
(Vezina Lab)



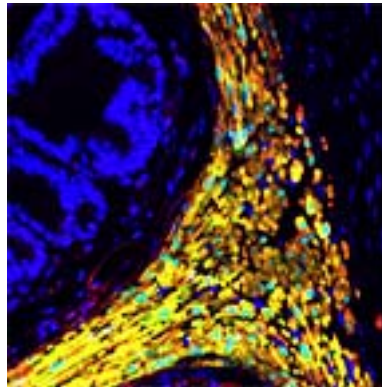
5 µm paraffin-embedded adult male mouse  
dorsal prostate section stained MRC1  
antibody (1: 250, red) and counterstained  
with DAPI (blue)

Anti-Myosin light chain (phospho S20)  
(MYL9, PHOSPHO) made in Rabbit,  
Abcam Cat. No. ab2480 (Vezina Lab)



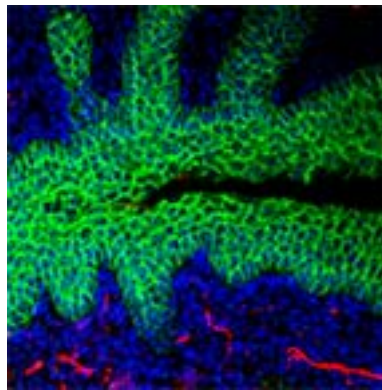
10µm paraffin-embedded prostatic tissue  
section stained with MYL9 antibody (1: 100,  
green) and Acta2 antibody (red) and  
counterstained with DAPI (blue). 60x Tile  
Scan.

Anti-myosin, light polypeptide kinase (MYLK) made in Rabbit, Abcam Cat. No. ab76092 (Vezina Lab)



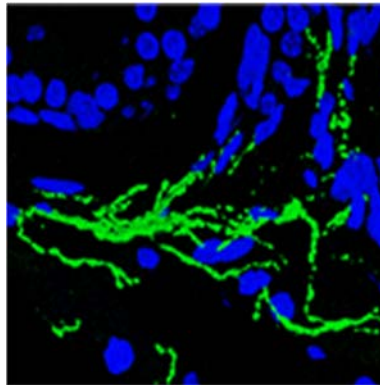
10µm paraffin-embedded urethral tissue section stained with MYLK antibody (1: 100, green) and Acta2 antibody (red) and counterstained with DAPI (blue).

Anti-neurofilament, heavy polypeptide (NEFH) made in Chicken, Aves Labs Cat. No. NFH (Vezina Lab)



5 µm paraffin-embedded 18 dpc male mouse urogenital sinus section stained with NEFH antibody (1:100, red) and CTNNB1 antibody (green) and counterstained with DAPI (blue).

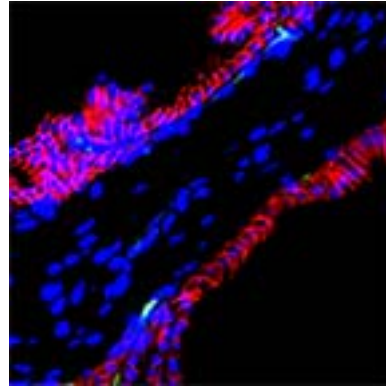
Anti-Neuropeptide Y (NPY) made in Rabbit, Cell Signaling Technology Cat. No. D7Y5A (Vezina Lab)



µm \_\_ (select paraffin-embedded/frozen) \_\_ (state tissue type) section stained with \_\_ antibody (1: \_\_, color) and (\_\_ antibody, color) and counterstained with \_\_\_\_.

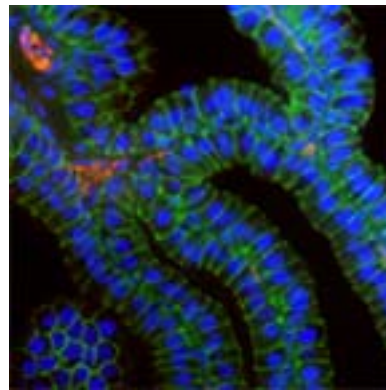


Anti-purinergic receptor P2X, ligand-gated ion channel, 3 (P2RX3) made in Rabbit, Cat. No. (Vezina Lab)



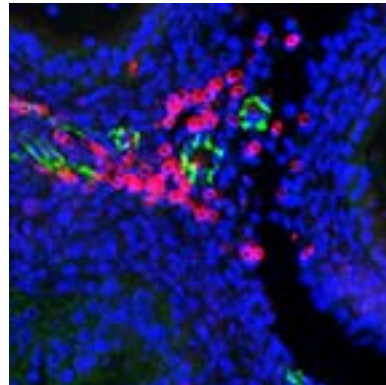
5 µm paraffin-embedded adult male mouse ventral prostate section stained with P2RX3 antibody (1:300, green) and CDH1 antibody (red) and counterstained with DAPI (blue).

Anti-platelet/endothelial cell adhesion molecule 1 (PEACAM) made in Rabbit, Abcam Cat. No. ab28364 (Vezina Lab)



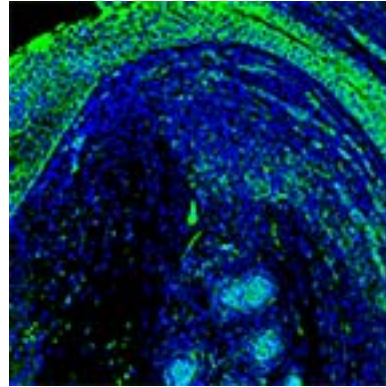
5 µm paraffin-embedded adult anterior prostate section stained with CD31 #4 antibody (1:100, red) and (CTNNB1 antibody, red) and counterstained with DAPI.

Anti-protein tyrosine phosphatase, receptor type C (PTPRC) made in Rat, Abcam Cat. No. ab64100 (Vezina Lab)



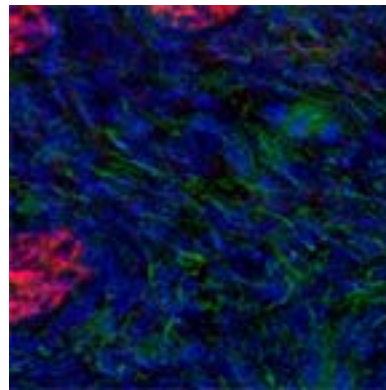
5 µm paraffin-embedded ventral prostate section from mouse with prostate inflammation stained with CD45R antibody (1:200, red) and CD31 antibody (in green) and counterstained with DAPI.

Anti-v-rel reticuloendotheliosis viral  
oncogene homolog A (RELA) made in  
Rabbit, Cell Signaling Technology Cat.  
No. 3987s (Vezina Lab)



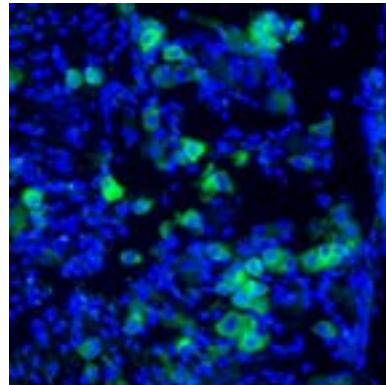
5 µm paraffin-embedded postnatal day 5c  
male urethra/ventral prostate stained with  
RELA antibody (1:100, green) and  
counterstained with DAPI (blue).

Anti-S100 calcium binding protein A4  
(S100A4) made in Rabbit, Abcam Cat. No.  
ab27957 (Vezina Lab)



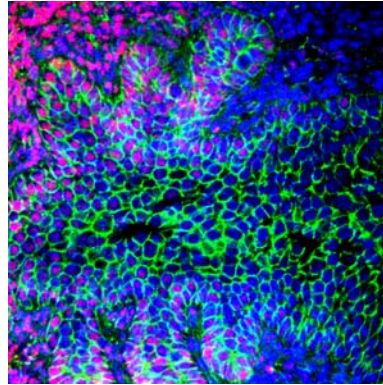
5 µm paraffin-embedded P0 mouse  
urogenital sinus section stained with FSP-1  
antibody (1: 400, green) and (CDH1  
antibody, red) and counterstained with  
DAPI.

Anti-sodium channel, voltage-gated, type  
X, alpha (SCN10A) made in Mouse,  
Antibodies Incorporated Cat. No. 75-166  
(Vezina Lab)



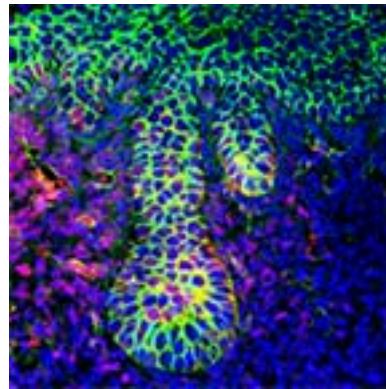
10 µm frozen adult male dorsal root ganglia  
tissue section stained with SCN10A  
antibody (1:200, green) and counterstained  
with DAPI.

Anti-SMAD family member 1 (SMAD1,  
PHOSPHO) made in Rabbit, Abcam Cat.  
No. ab63439 (Vezina Lab)



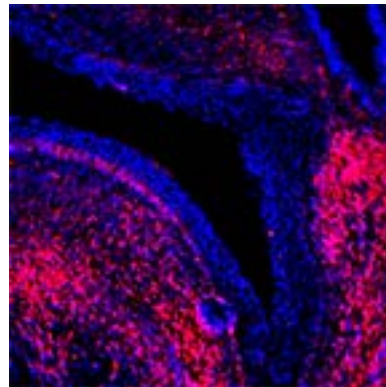
5 µm paraffin-embedded 18 dpc male  
mouse urogenital sinus section stained with  
phospho-SMAD1 antibody (1:50, red) and  
CTNNB1 antibody (green) and  
counterstained with DAPI (blue).

Anti-SMAD family members 1,5,9  
(SMAD1/5/9, PHOSPHO) made in Rabbit,  
Cell Signaling Technology Cat. No. 9511S  
(Vezina Lab)



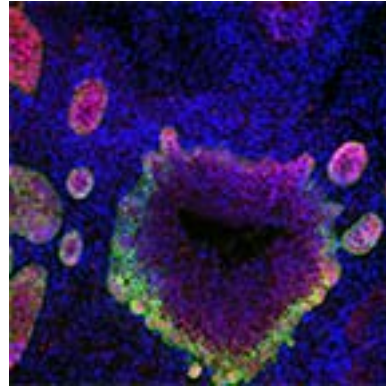
5 µm paraffin-embedded 18 dpc male  
mouse urogenital sinus section stained with  
phospho-SMAD1/5/9 antibody (1:100, red)  
and CTNNB1 antibody (green) and  
counterstained with DAPI (blue).

Anti-snail family zinc finger 2 (SNAI2)  
made in Rabbit, Cell Signaling Technology  
Cat. No. 9585S (Vezina Lab)



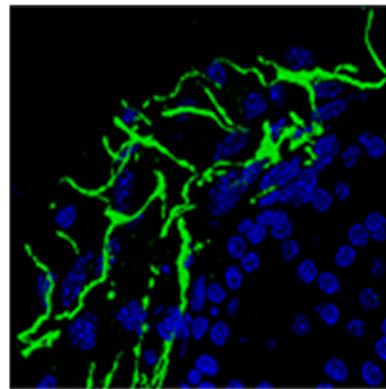
5 µm paraffin-embedded 18 dpc male  
mouse urogenital sinus section stained with  
SNAI2 antibody (1:25, red – Tyramide  
signal enhancement used) and  
counterstained with DAPI (blue).

Anti-SRY (sex determining region Y)-box 9 (SOX9) made in Rabbit, chemicon Cat. No. ab5535 (Vezina Lab)



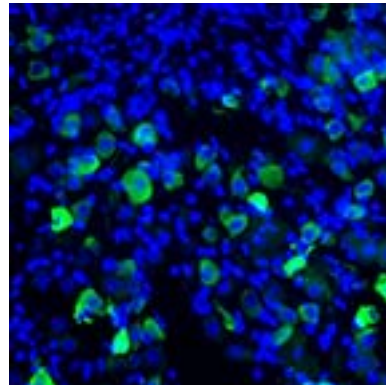
5 µm paraffin-embedded 18 dpc male mouse urogenital sinus section stained with SOX9 antibody (1:2500, red) and KRT15 antibody (green) and counterstained with DAPI (blue).

Anti-Tyrosine hydroxylase (TH) made in Rabbit, EMD Millipore Cat. No. AB152, (Vezina Lab)



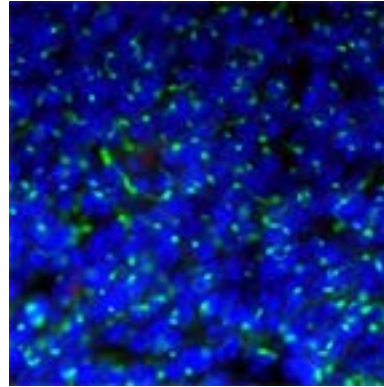
10µm paraffin-embedded P50 prostatic tissue section stained with TH antibody (1:300, green) and counterstained with DAPI (blue).

Anti-transient receptor potential cation channel, subfamily V, member 1 (TRPV1) made in Rabbit, Neuromics Cat. No. ra14113 (Vezina Lab)



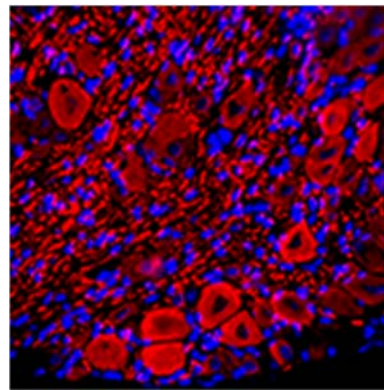
10 µm frozen adult male dorsal root ganglia tissue section stained with TRPV1 antibody (1:200, green) and counterstained with DAPI.

Anti-Tubulin, alpha 3A (TUBA3A, ACETYLATED) made in Mouse, Sigma Aldrich Cat. No. T6793 (Vezina Lab)



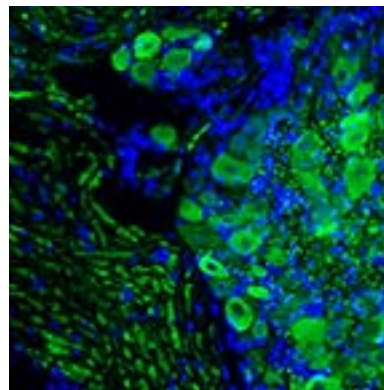
5 µm paraffin-embedded 16 dpc mouse urogenital sinus section stained with TUBA3A antibody (1:500, green) and counterstained with DAPI.

Anti-tubulin, beta 3 class III (TUBB3) made in Mouse, Thermo Scientific Cat. No. MA1-19187 (Vezina Lab)



10 µm frozen adult male dorsal root ganglia tissue section stained with TUBB3 antibody (1:400, red) and counterstained with DAPI.

Anti-tubulin, beta 3 class III (TUBB3) made in Chicken, Abcam Cat. No. ab107216 (Vezina Lab)



10 µm frozen adult male dorsal root ganglia tissue section stained with TUBB3 antibody (1:200, green) and counterstained with DAPI.