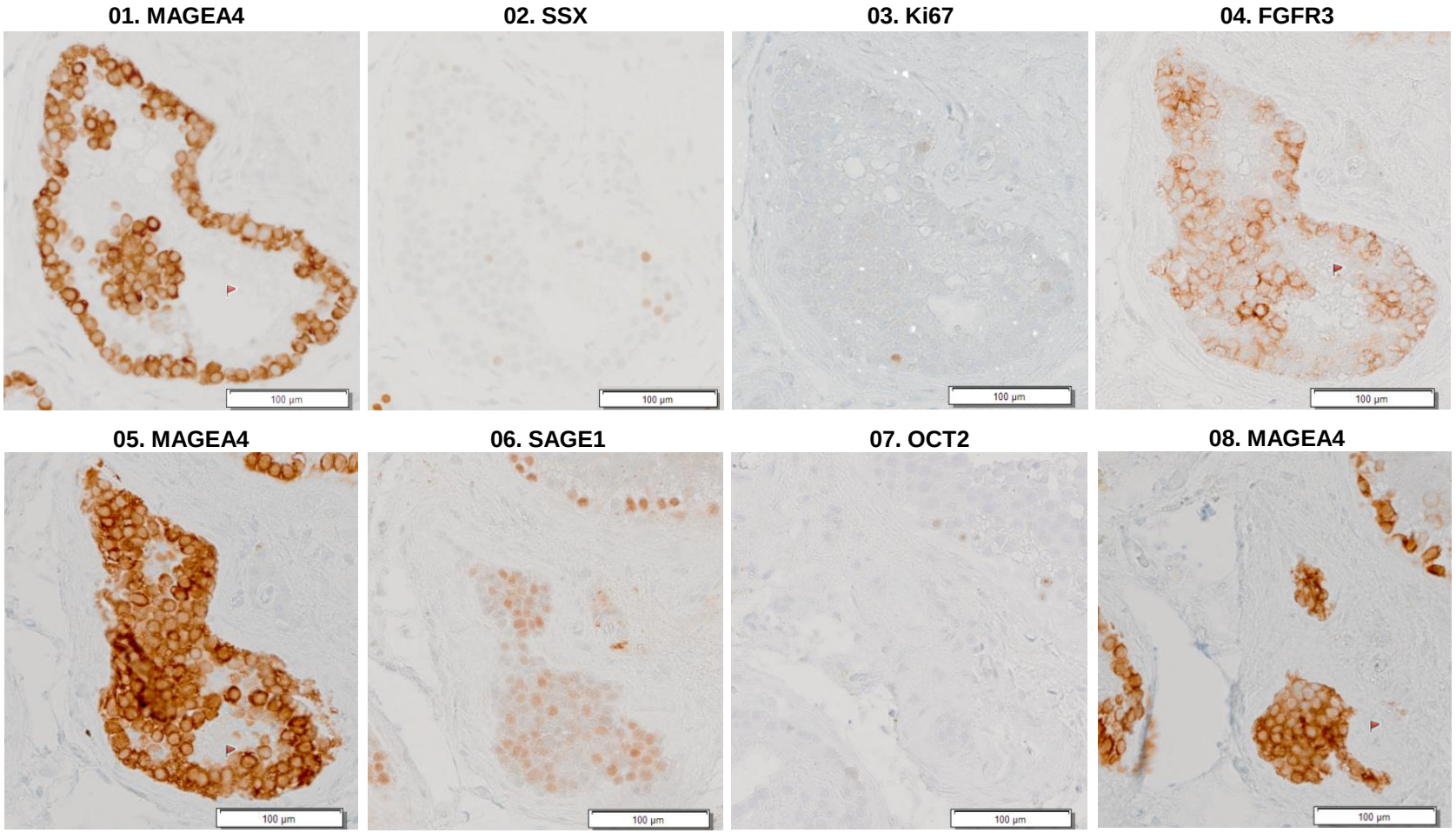
Dataset S2. Illustration of the 84 microclones identified in samples 1-1 and 1-2. **A.** Tables displaying the antigenic profile of the microclone and cell counts for each positive section, using the same scheme as in legend to Figure 2. **B.** Panel of images displaying the staining of each microclone. Independently identified cellular clusters are tagged with a flag; absence of a flag indicates that no cluster is present (if allocated a score of 0 in the table above) or that clusters were identified in the *post hoc* analysis (if allocated a score of 0* in the table above). Scale bars: 100 µm.

Clone no. 1-1_ C1

A

Clone no.	Location	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Slide 9	Slide 10	Slide 11	Minimum number of cells
		MAGEA4	SSX	Ki67	FGFR3	MAGEA4	SAGE1	OCT2	MAGEA4	n.s.	missing	MAGEA4	
1-1_C1	Centre	1	0	0	1	1	0*	0	1			NA	356
		38 cells			30 cells	62 cells	30 cells		22 cells				
		40 µm											

B

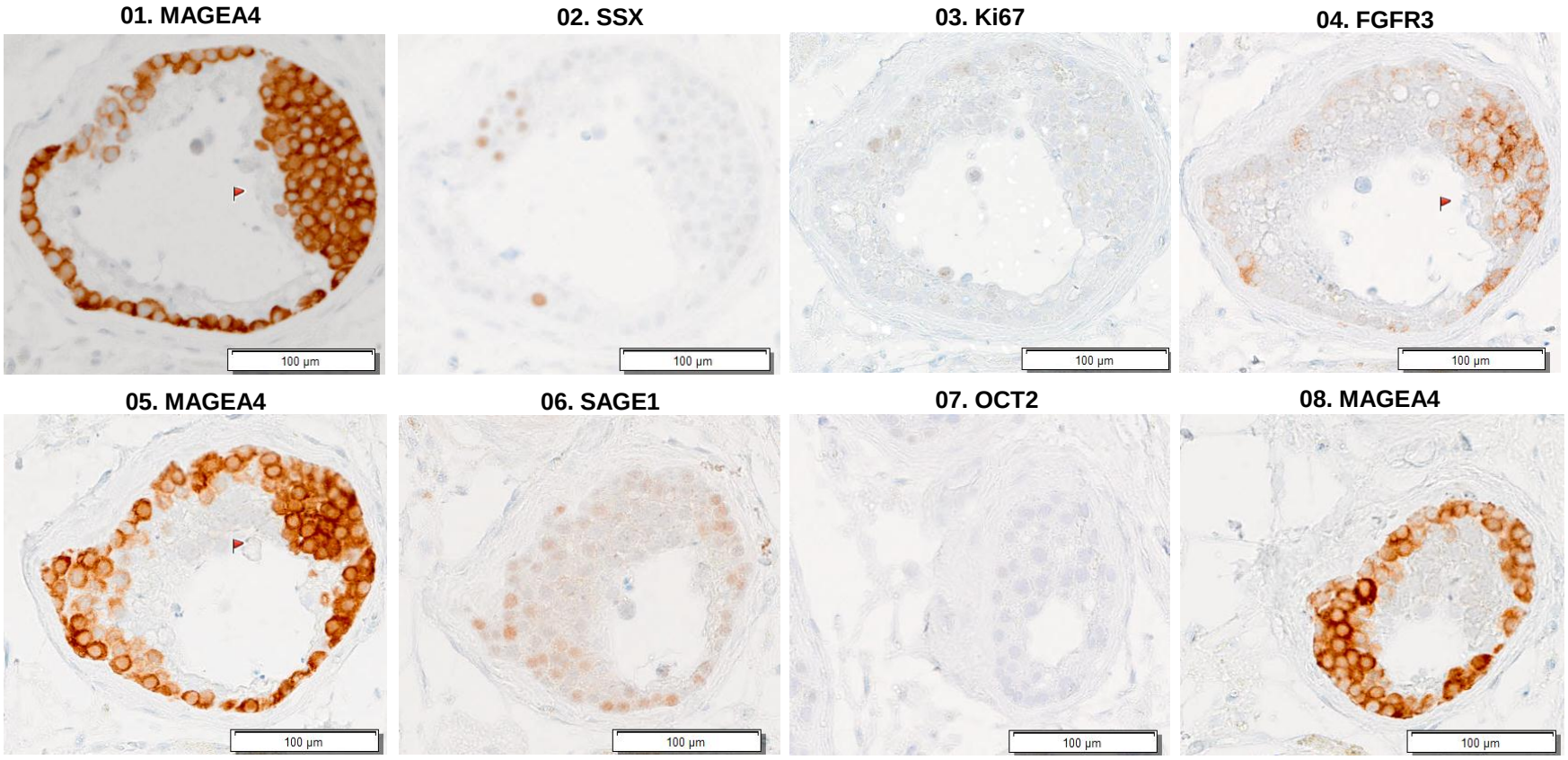


Clone no. 1-1_C2

A

Clone no.	Location	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Minimum number of cells
		MAGEA4	SSX	Ki67	FGFR3	MAGEA4	SAGE1	OCT2	MAGEA4	
1-1_C2	Periphery	1	0	0	1	1	0	0	0*	287
		80 cells			10 cells	23 cells			3 cells	
		40 µm								

B



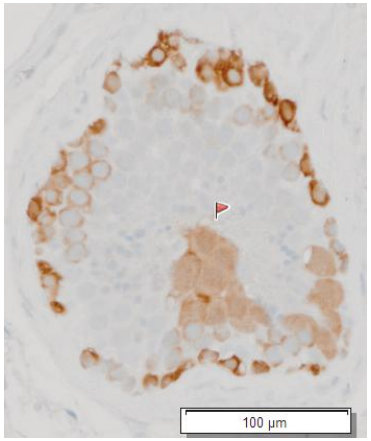
Clone no. 1-1_C3

A

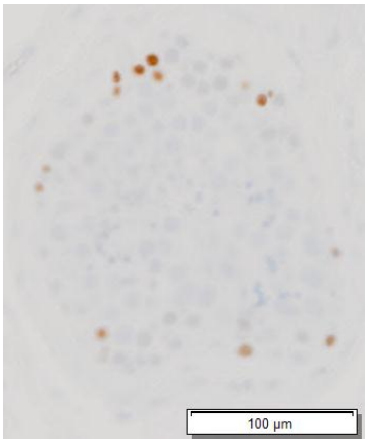
Clone no.	Location	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Minimum number of cells
		MAGEA4	SSX	Ki67	FGFR3	MAGEA4	SAGE1	OCT2	MAGEA4	
1-1_C3	Near Periphery	1	0	0	0	1	0	0	0*	58
		9 cells				9 cells			2 cells	
		40 µm								

B

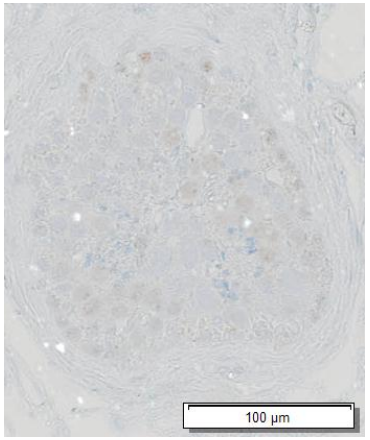
01. MAGEA4



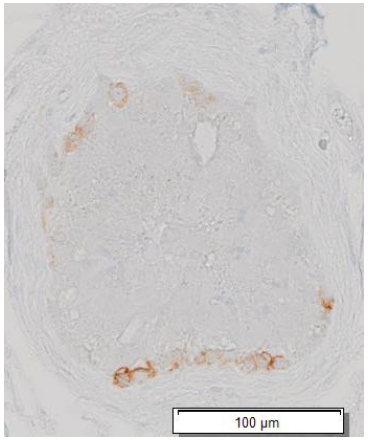
02. SSX



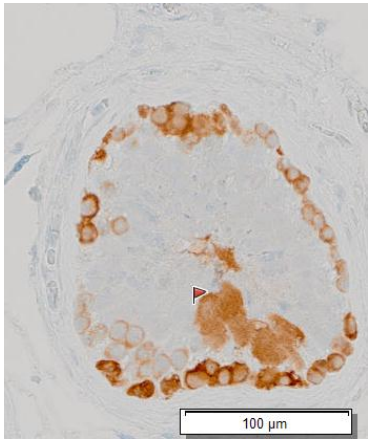
03. Ki67



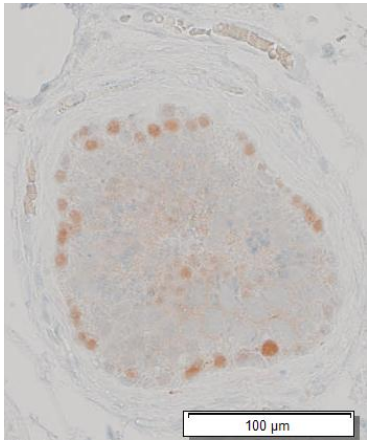
04. FGFR3



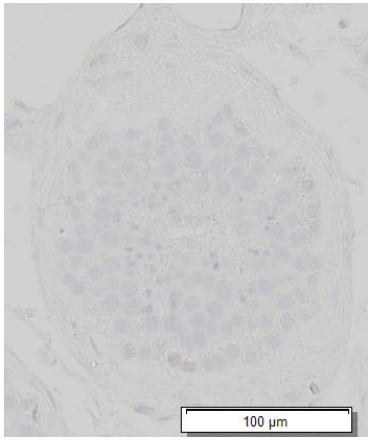
05. MAGEA4



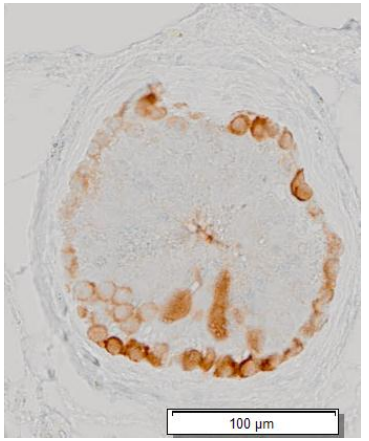
06. SAGE1



07. OCT2



08. MAGEA4



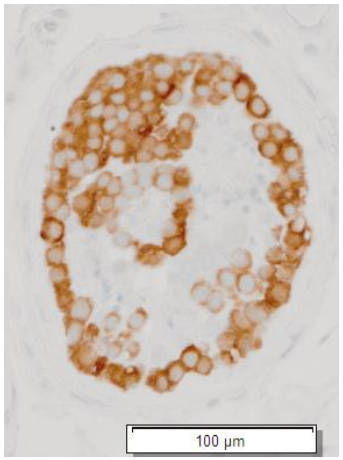
Clone no. 1-1_C4

A

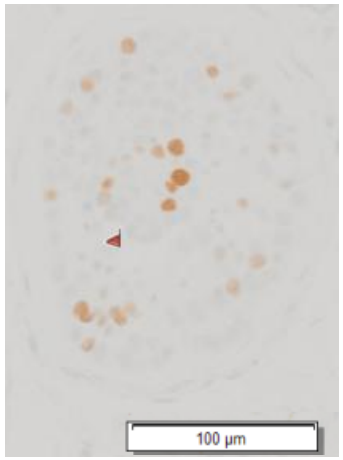
Clone no.	Location	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Slide 9	Slide 10	Slide 11	Minimum number of cells
		MAGEA4	SSX	Ki67	FGFR3	MAGEA4	SAGE1	OCT2	MAGEA4	n.s.	missing	MAGEA4	
1-1_C4	Centre	0*	1	0*	1	1	1	0	1			0	
		6 cells	3 cells	2 cells	5 cells	14 cells	12 cells		7 cells				78
		40 µm											

B

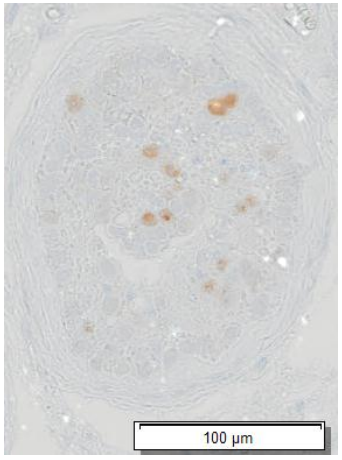
01. MAGEA4



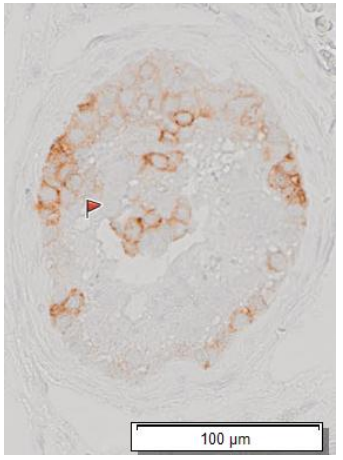
02. SSX



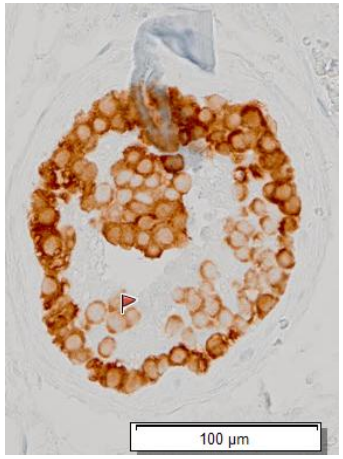
03. Ki67



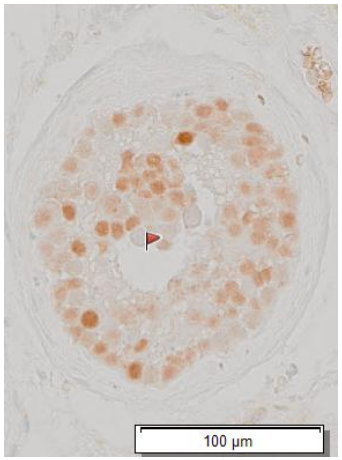
04. FGFR3



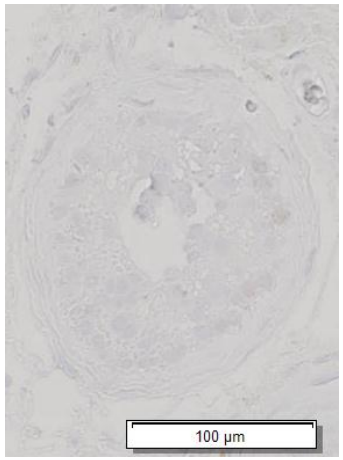
05. MAGEA4



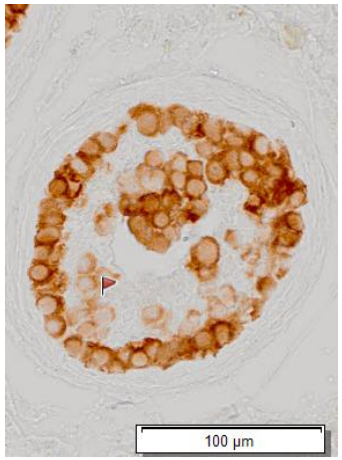
06. SAGE1



07. OCT2



08. MAGEA4



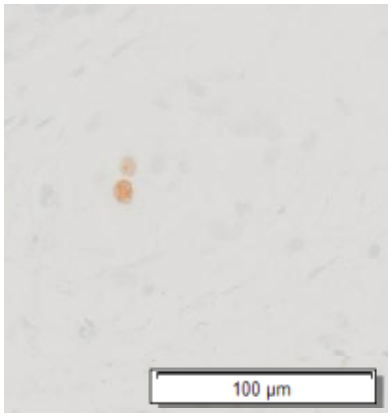
Clone no. 1-1_C5

A

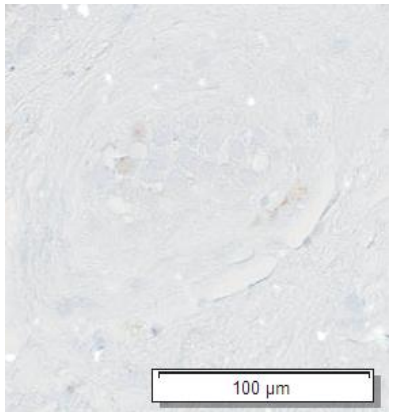
Clone no.	Location	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Slide 9	Slide 10	Slide 11	Minimum number of cells
		MAGEA4	SSX	Ki67	FGFR3	MAGEA4	SAGE1	OCT2	MAGEA4	n.s.	missing	MAGEA4	
1-1_C5	Periphery	NA	0	0	0	1 13 cells	0* 4 cells	0	1 18 cells			1 20 cells	120
						35 µm							

B

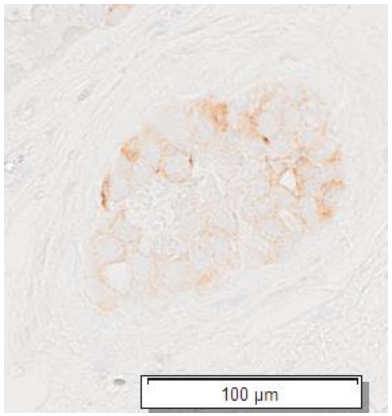
02. SSX



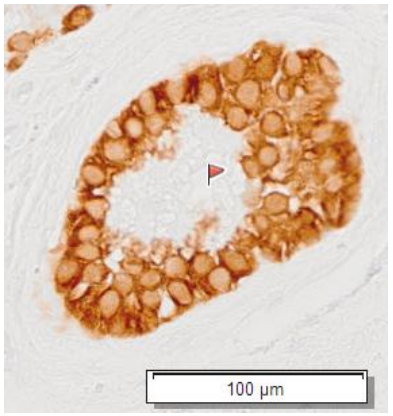
03. Ki67



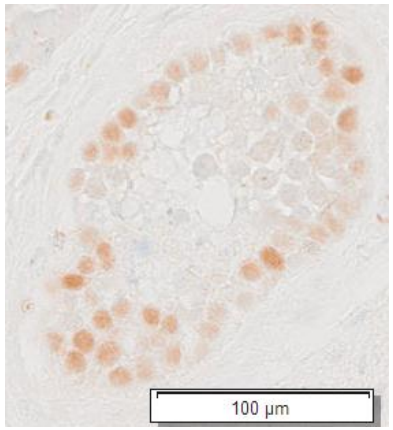
04. FGFR3



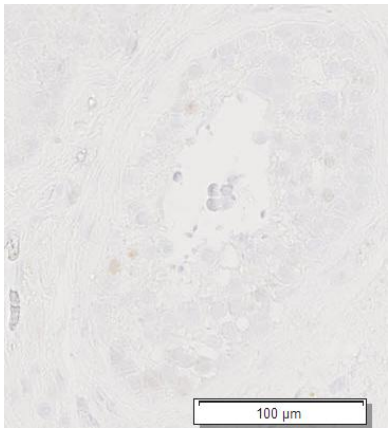
05. MAGEA4



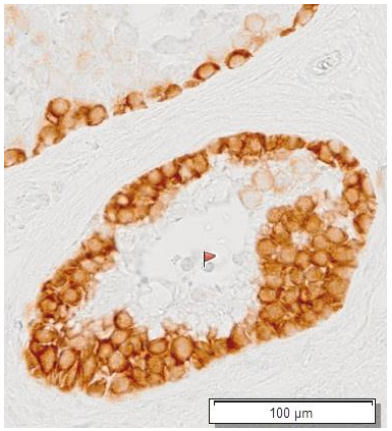
06. SAGE1



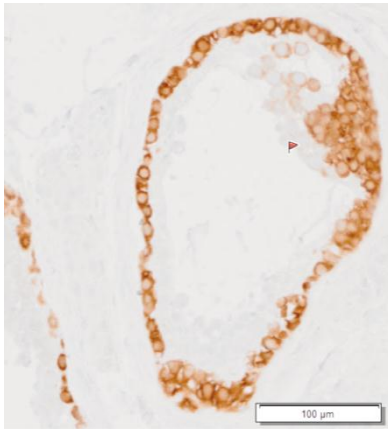
07. OCT2



08. MAGEA4



11. MAGEA4

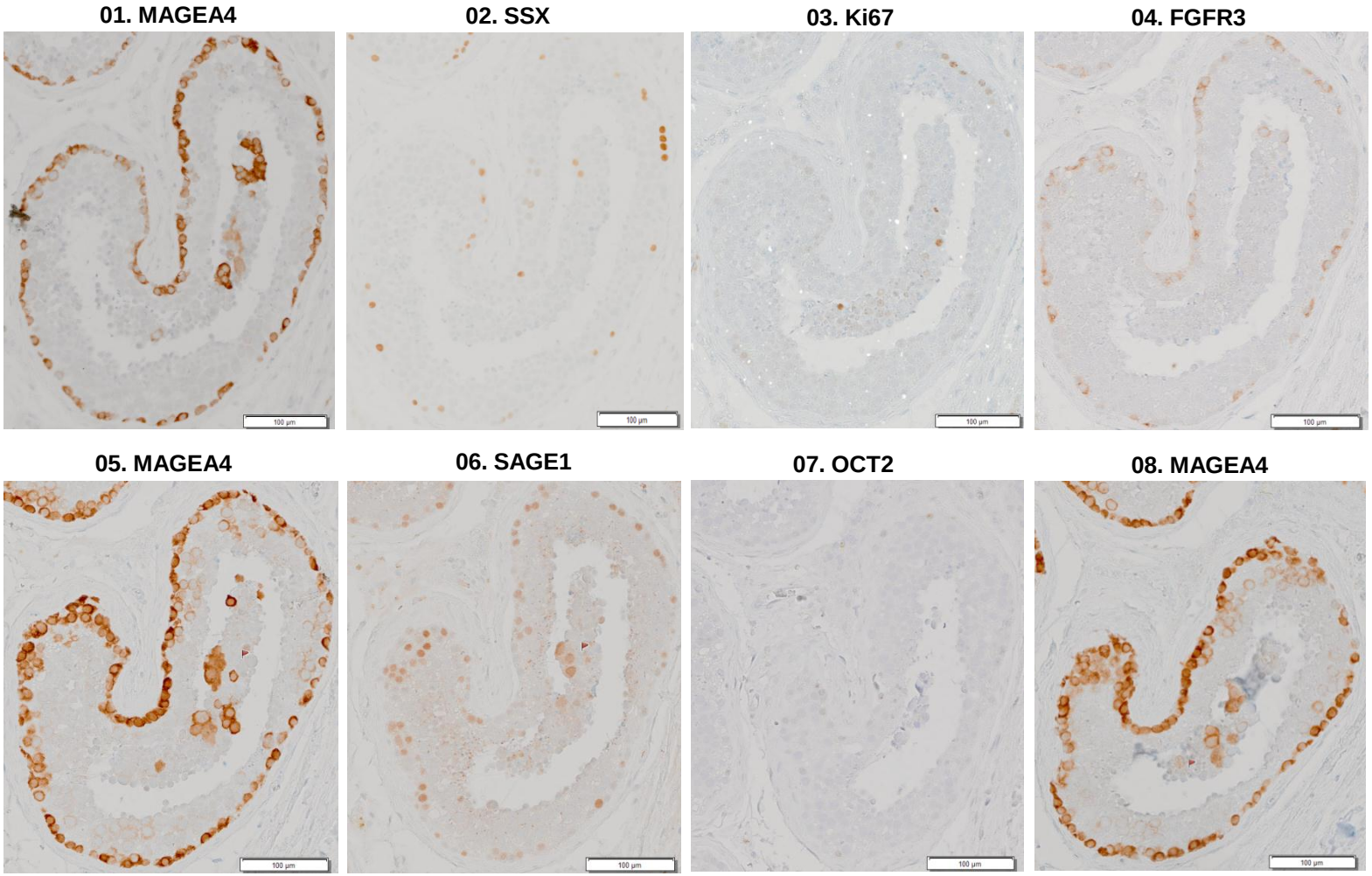


Clone no. 1-1_C6

A

Clone no.	Location	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Slide 9	Slide 10	Slide 11	Minimum number of cells
		MAGEA4	SSX	Ki67	FGFR3	MAGEA4	SAGE1	OCT2	MAGEA4	n.s.	missing	MAGEA4	
1-1_C6	Centre	0*	0	0	0	1	1	0	1			0	40
		1 cell				9 cells	3 cells		3 cells				
		40 µm											

B



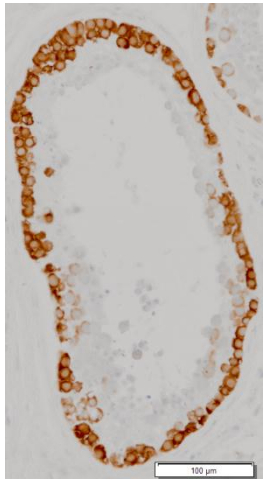
Clone no. 1-1_C7

A

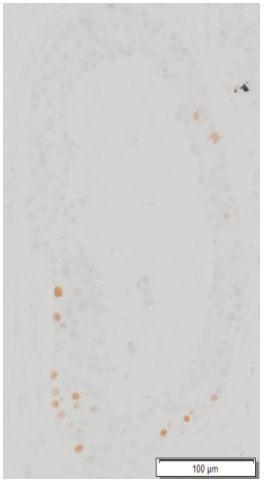
Clone no.	Location	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Slide 9	Slide 10	Slide 11	Minimum number of cells
		MAGEA4	SSX	Ki67	FGFR3	MAGEA4	SAGE1	OCT2	MAGEA4	n.s.	missing	MAGEA4	
1-1_C7	Periphery	0	0	0	0	1 7 cells	0	0	1 11 cells			0	36
						20µm							

B

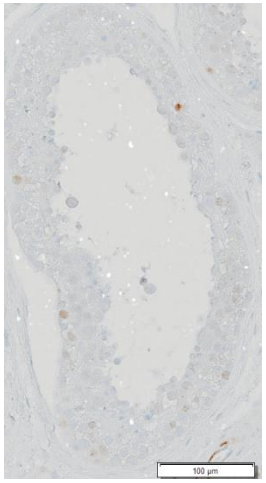
01. MAGEA4



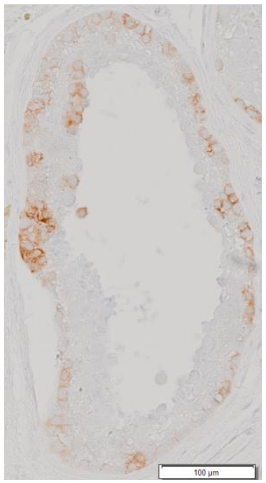
02. SSX



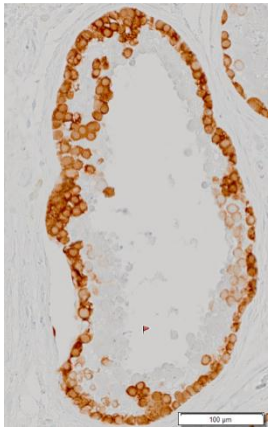
03. Ki67



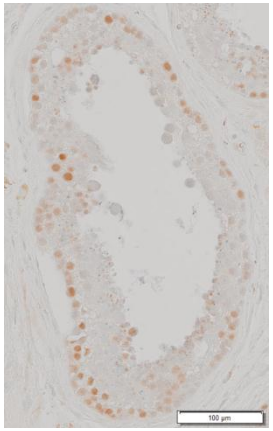
04. FGFR3



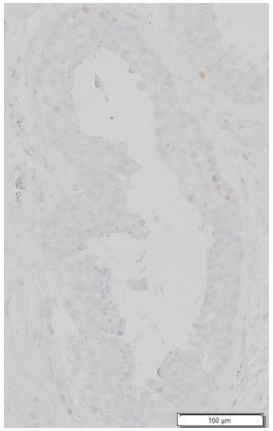
05. MAGEA4



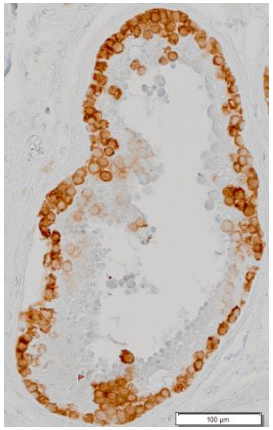
06. SAGE1



07. OCT2



08. MAGEA4



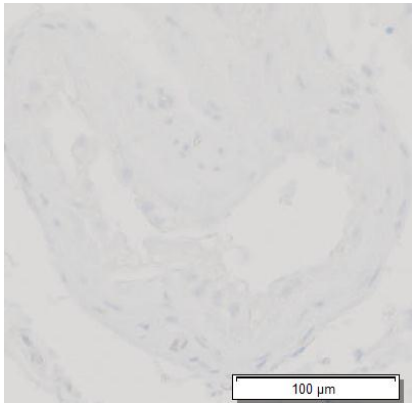
Clone no. 1-1_C8

A

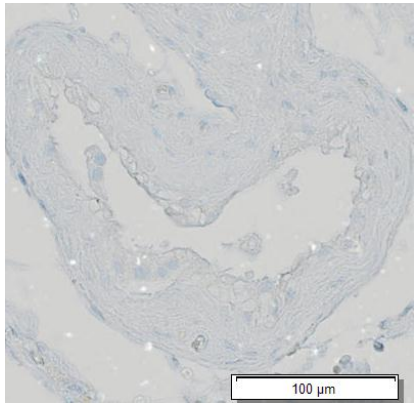
Clone no.	Location	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Slide 9	Slide 10	Slide 11	Minimum number of cells
		MAGEA4	SSX	Ki67	FGFR3	MAGEA4	SAGE1	OCT2	MAGEA4	n.s.	missing	MAGEA4	
1-1_C8	Centre	NA	NA	NA	NA	1 6 cells	1 7 cells	NA	1 7 cells			NA	26
						20 µm							

B

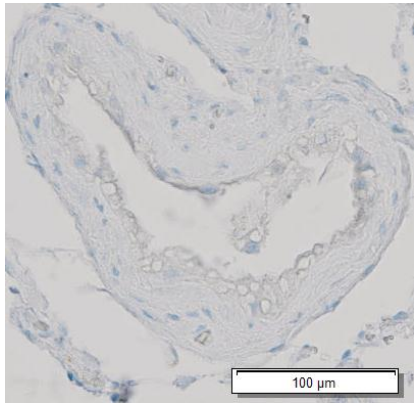
02. SSX



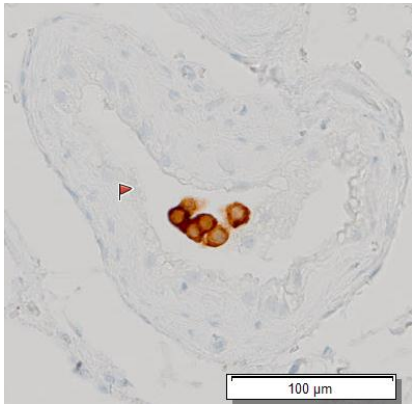
03. Ki67



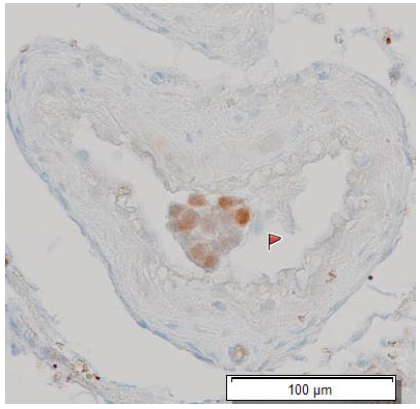
04. FGFR3



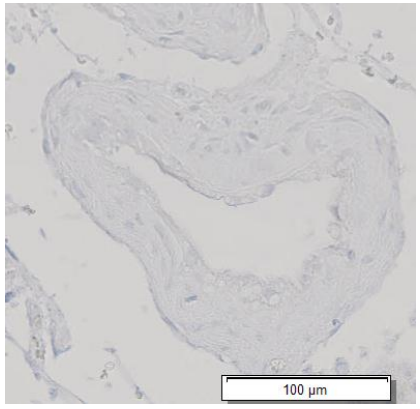
05. MAGEA4



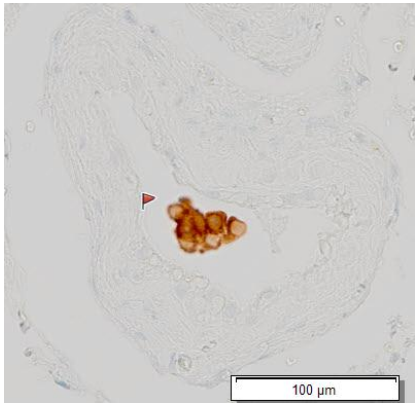
06. SAGE1



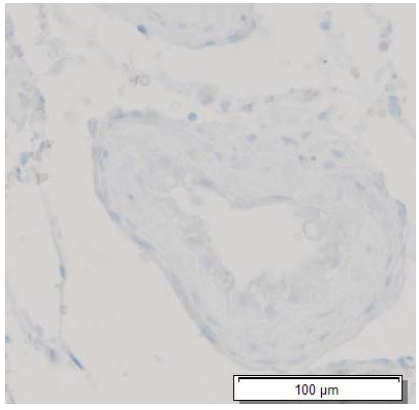
07. OCT2



08. MAGEA4



11. MAGEA4



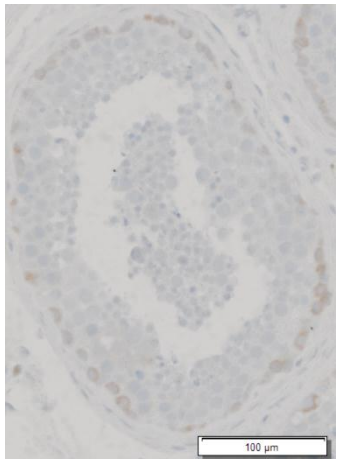
Clone no. 1-1_C9

A

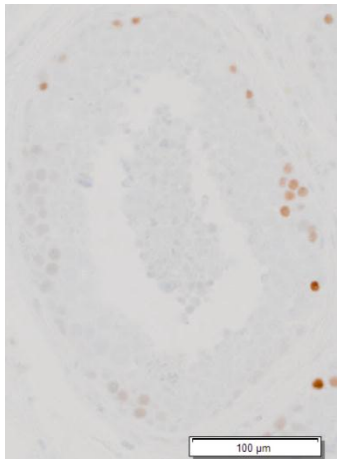
Clone no.	Location	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Slide 9	Slide 10	Slide 11	Minimum number of cells
		MAGEA4	SSX	Ki67	FGFR3	MAGEA4	SAGE1	OCT2	MAGEA4	n.s.	missing	MAGEA4	
1-1_C9	Near Periphery	0	0	0	0	1	0*	0	1			0	24
						7 cells	3 cells		5 cells				
						20 µm							

B

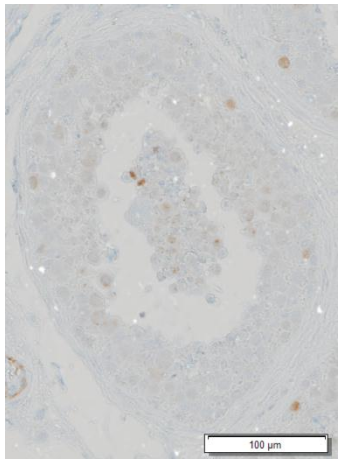
01. MAGEA4



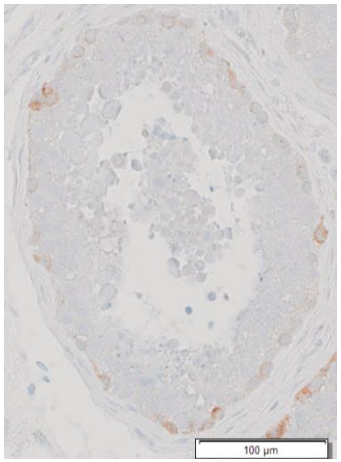
02. SSX



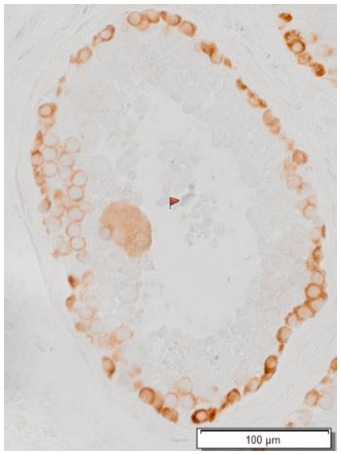
03. Ki67



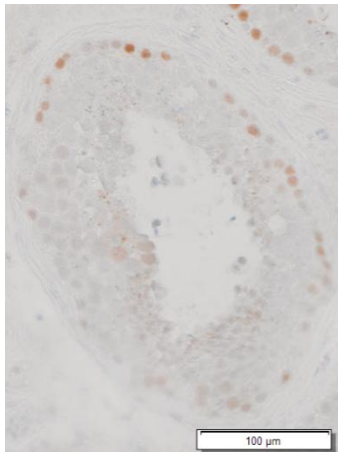
04. FGFR3



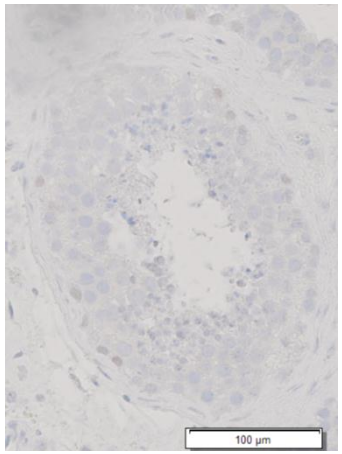
05. MAGEA4



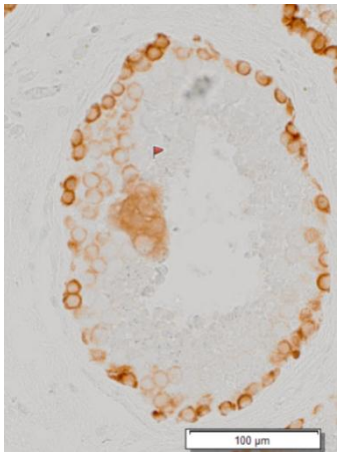
06. SAGE1



07. OCT2



08. MAGEA4



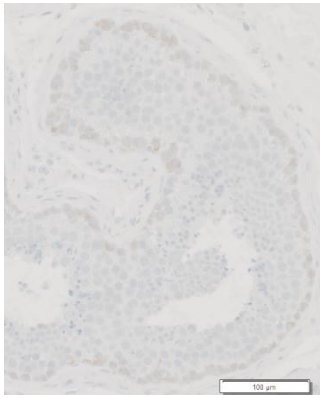
Clone no. 1-1_C10

A

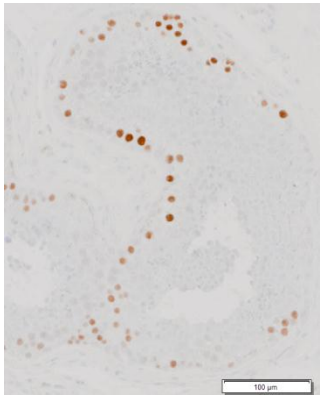
Clone no.	Location	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Slide 9	Slide 10	Slide 11	Minimum number of cells
		MAGEA4	SSX	Ki67	FGFR3	MAGEA4	SAGE1	OCT2	MAGEA4	n.s.	missing	MAGEA4	
1-1_C10	Near Periphery	0	0	0	0	1 7 cells	0	0	1 5 cells			0	24
						20 µm							

B

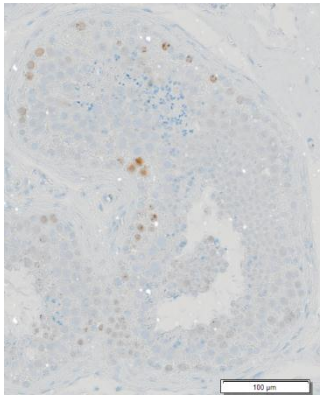
01. MAGEA4



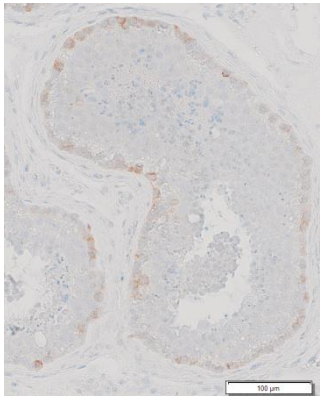
02. SSX



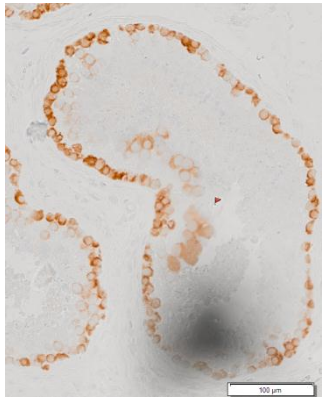
03. Ki67



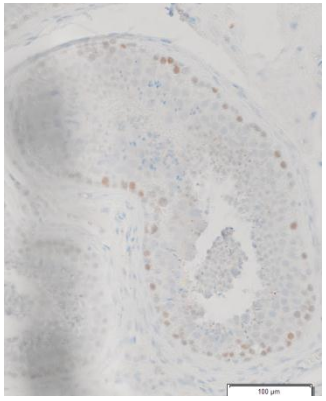
04. FGFR3



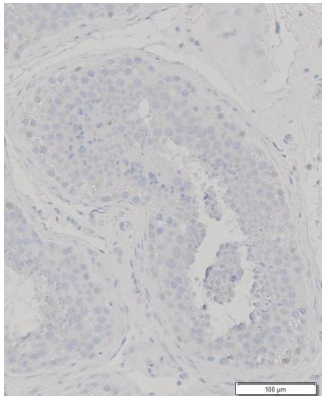
05. MAGEA4



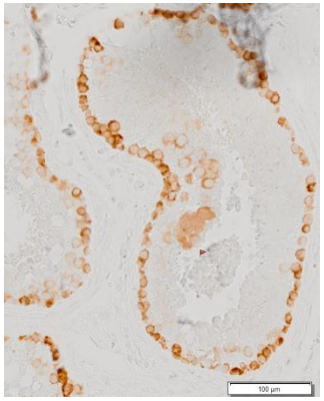
06. SAGE1



07. OCT2



08. MAGEA4



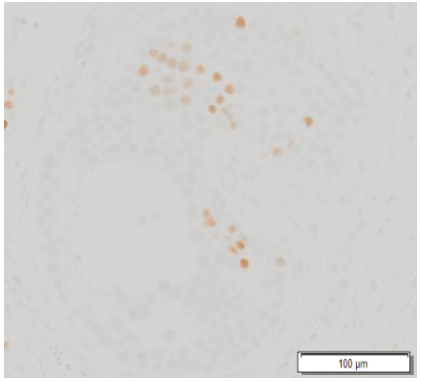
Clone no. 1-1_C11

A

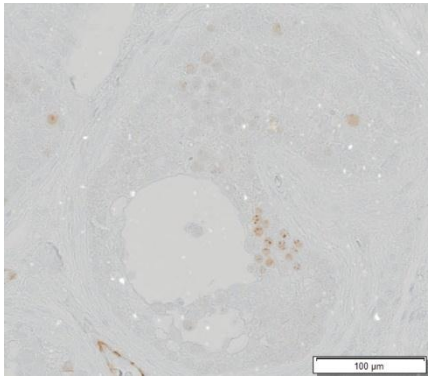
Clone no.	Location	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Slide 9	Slide 10	Slide 11	Minimum number of cells
		MAGEA4	SSX	Ki67	FGFR3	MAGEA4	SAGE1	OCT2	MAGEA4	n.s	missing	MAGEA4	
1-1_C11	Periphery	0	0	0	0*	1	0	0	1			0*	57
					5 cells	9 cells			6 cells			8 cells	
					40 µm								

B

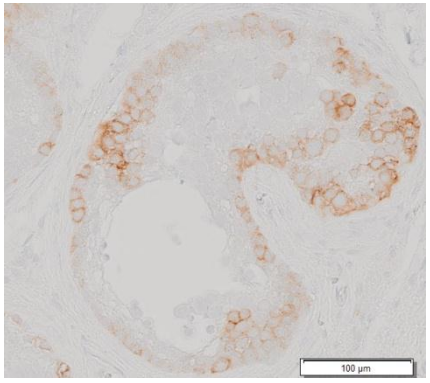
02. SSX



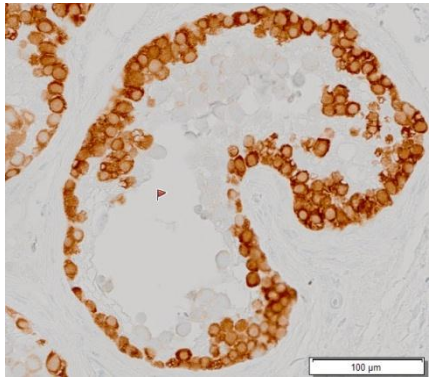
03. Ki67



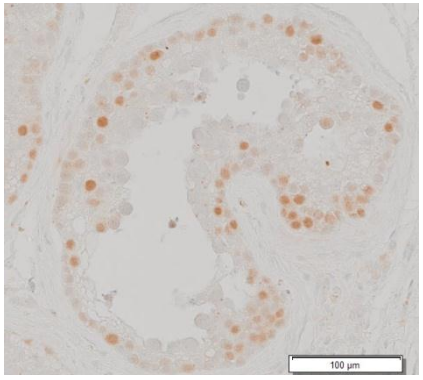
04. FGFR3



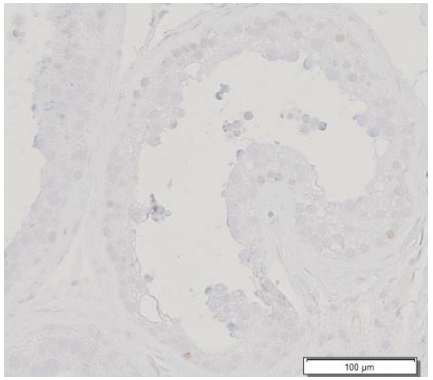
05. MAGEA4



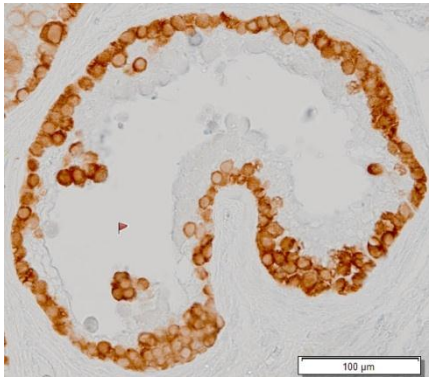
06. SAGE1



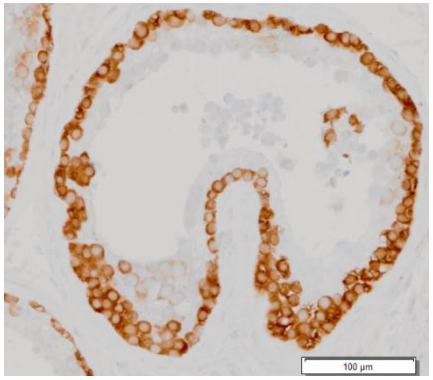
07. OCT2



08. MAGEA4



11. MAGEA4



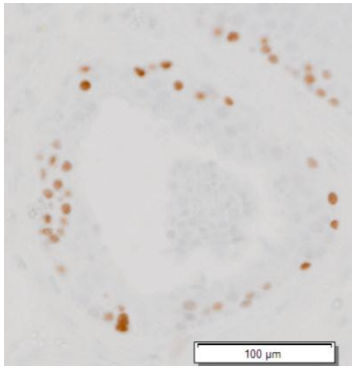
Clone no. 1-1_C12

A

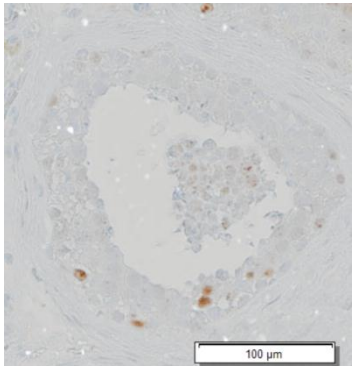
Clone no.	Location	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Slide 9	Slide 10	Slide 11	Minimum number of cells
		MAGEA4	SSX	Ki67	FGFR3	MAGEA4	SAGE1	OCT2	MAGEA4	n.s	missing	MAGEA4	
1-1_C12	Centre	0	0	0	0	1 6 cells	0	0	1 10 cells			0	32
						20 µm							

B

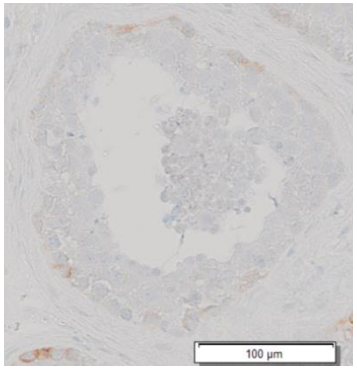
02. SSX



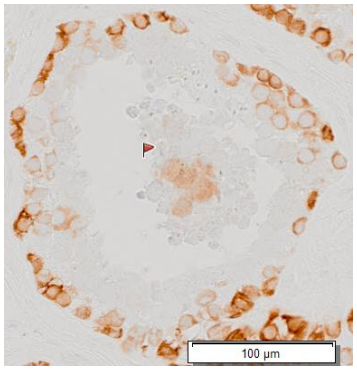
03. Ki67



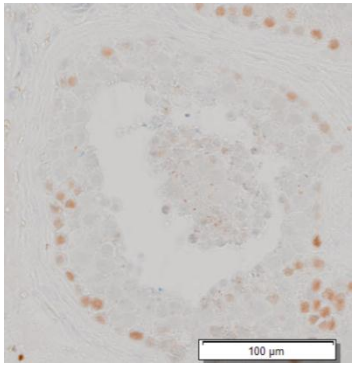
04. FGFR3



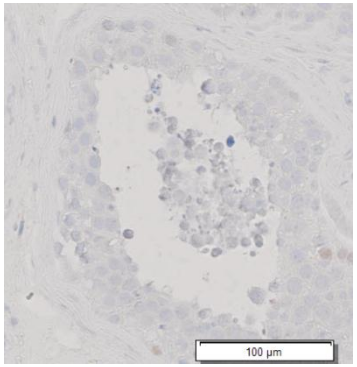
05. MAGEA4



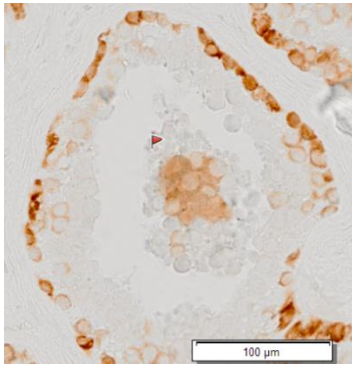
06. SAGE1



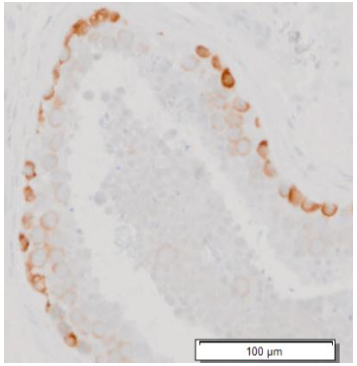
07. OCT2



08. MAGEA4



11. MAGEA4



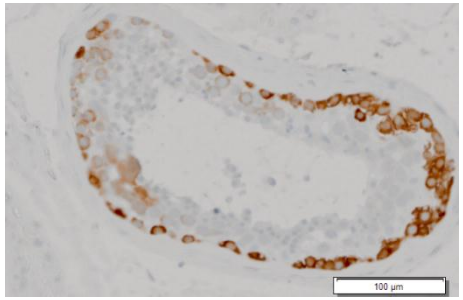
Clone no. 1-1_C13

A

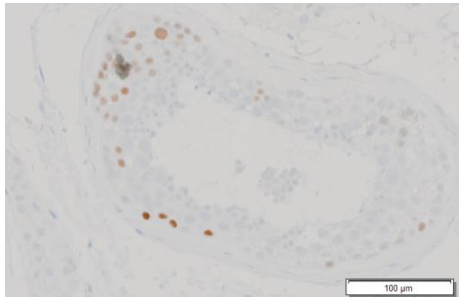
Clone no.	Location	Slide 1	Slide 2	Slide 3	Slide 4	Slide 5	Slide 6	Slide 7	Slide 8	Slide 9	Slide 10	Slide 11	Minimum number of cells
		MAGEA4	SSX	Ki67	FGFR3	MAGEA4	SAGE1	OCT2	MAGEA4	n.s	missing	MAGEA4	
1-1_C13	Near Periphery	0	0	0	0	1 7 cells	0* 4 cells	0	1 7 cells			0	28
						20 µm							

B

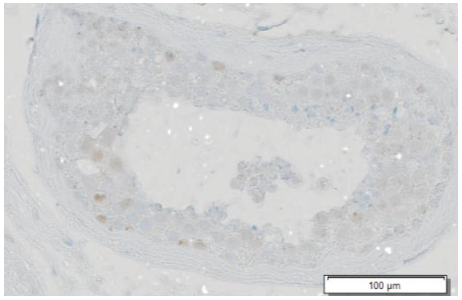
01. MAGEA4



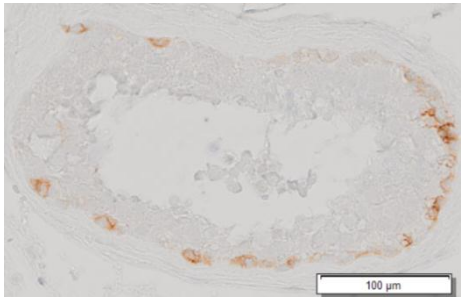
02. SSX



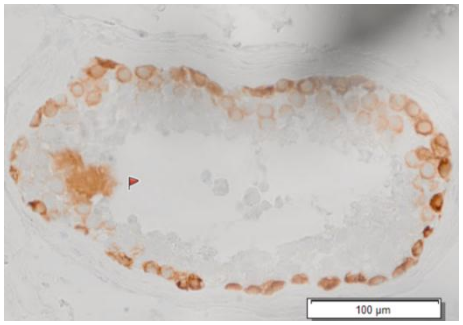
03. Ki67



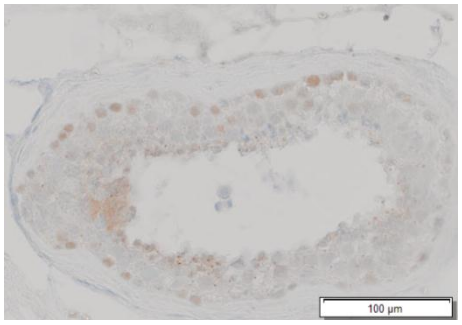
04. FGFR3



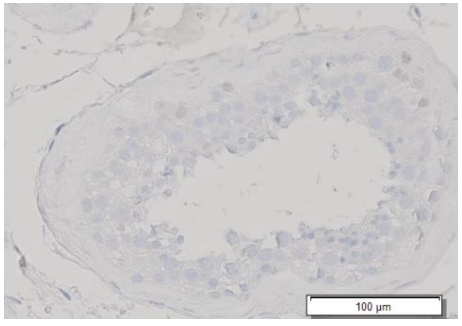
05. MAGEA4



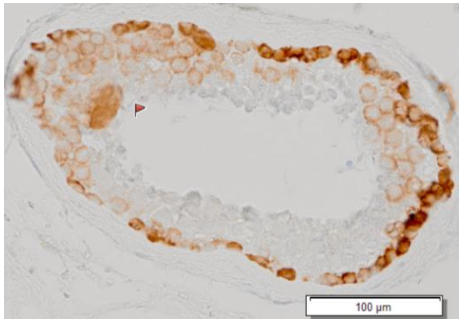
06. SAGE1



07. OCT2



08. MAGEA4



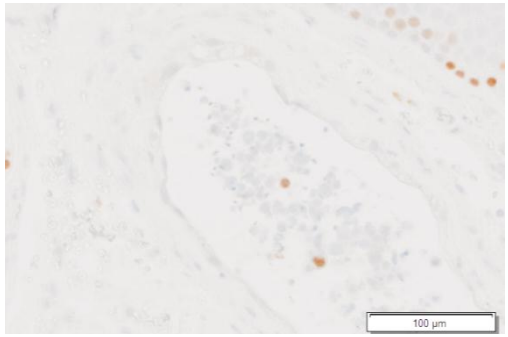
Clone no. 1-1_C14

A

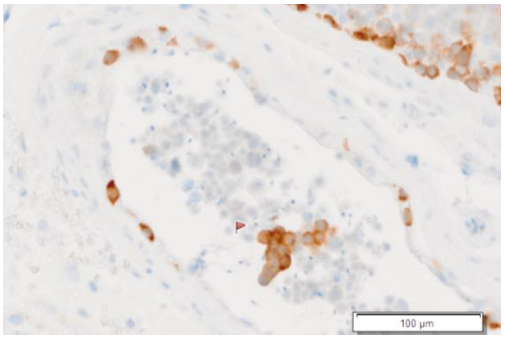
Clone no.	Location	Slide 21	Slide 22	Slide 23	Slide 24	Slide 25	Slide 26	Slide 27	Slide 28	Slide 29	Minimum number of cells
		MAGEA4	SSX	MAGEA4	Ki67	H&E	MAGEA4	OCT2	MAGEA4	FGFR3	
1-1_C14	Centre	NA	0	1 13 cells	0		1 16 cells	0	1 4 cells	NA	72
				30 µm							

B

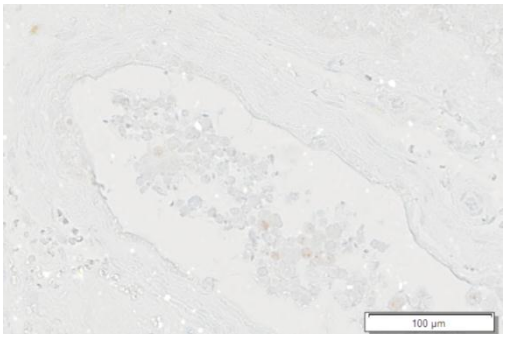
22. SSX



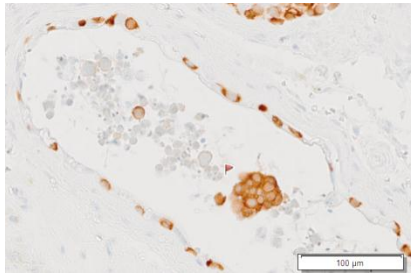
23. MAGEA4



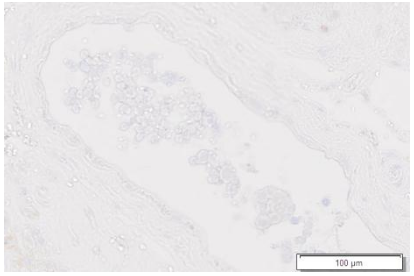
24. Ki67



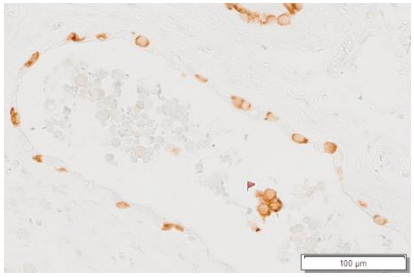
26. MAGEA4



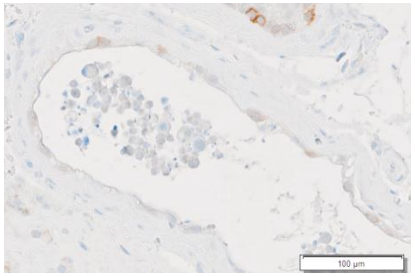
27. OCT2



28. MAGEA4



29. FGFR3

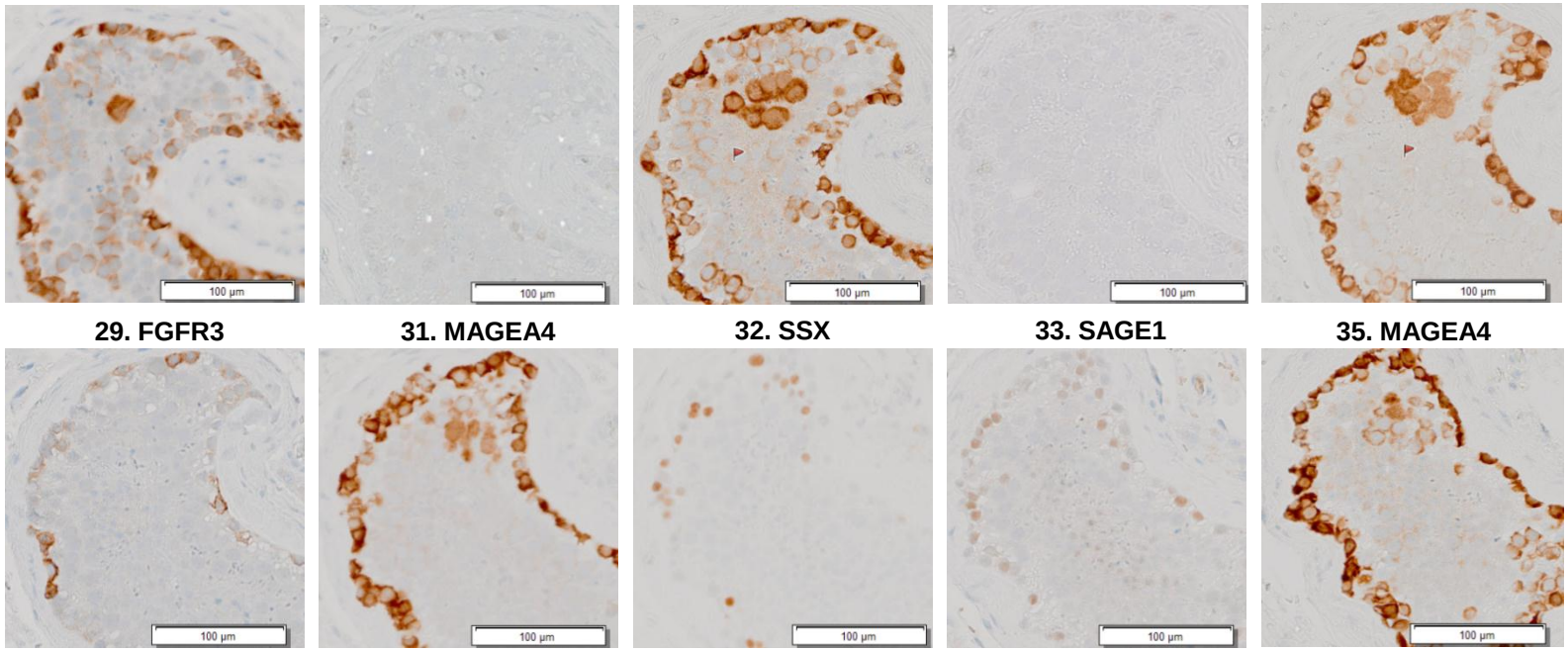


Clone no. 1-1_C15

A

Clone no.	Location	Slide 23	Slide 24	Slide 25	Slide 26	Slide 27	Slide 28	Slide 29	Slide 30	Slide 31	Slide 32	Slide 33	Slide 34	Slide 35	Minimum number of cells
		MAGEA4	Ki67	H&E	MAGEA4	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	SSX	SAGE1	OCT2	MAGEA4	
1-1_C15	Centre	0*	0		1	0	1	0	0	0*	0	0	0	0*	58
		2 cells			7 cells		8 cells			3 cells				2 cells	
		65 µm													

B

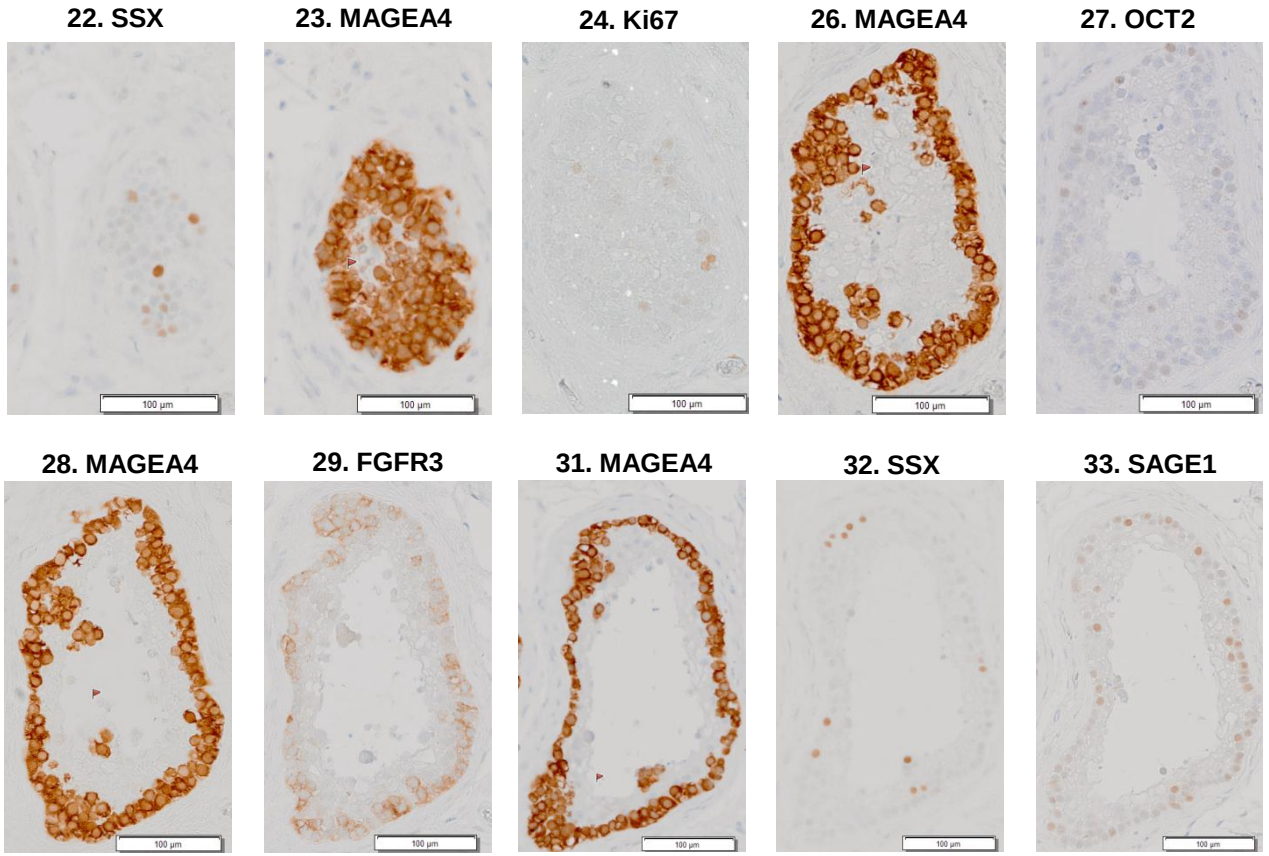


Clone no. 1-1_C16

A

Clone no.	Location	Slide 21	Slide 22	Slide 23	Slide 24	Slide 25	Slide 26	Slide 27	Slide 28	Slide 29	Slide 30	Slide 31	Slide 32	Slide 33	Minimum number of cells
		MAGEA4	SSX	MAGEA4	Ki67	H&E	MAGEA4	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	SSX	SAGE1	
1-1_C16	Periphery	NA	0	1 57 cells	0		1 13 cells	0	1 15 cells	0	0	0* 2 cells	0	0	188
				45 µm											

B



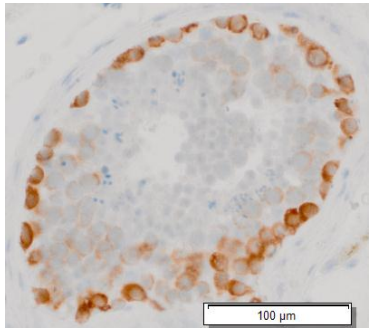
Clone no. 1-1_C17

A

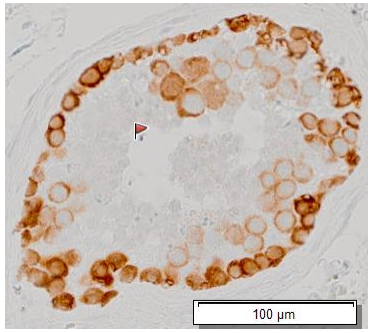
Clone no.	Location	Slide 23	Slide 24	Slide 25	Slide 26	Slide 27	Slide 28	Slide 29	Slide 30	Slide 31	Slide 32	Slide 33	Minimum number of cells
		MAGEA4	Ki67	H&E	MAGEA4	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	SSX	SAGE1	
1-1_C17	Periphery	0	0		1 5 cells	0	1 4 cells	0	0	0* 2 cells	0	0	22
					30 µm								

B

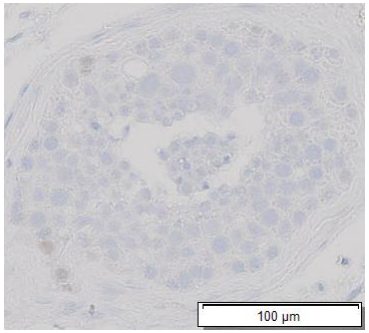
23. MAGEA4



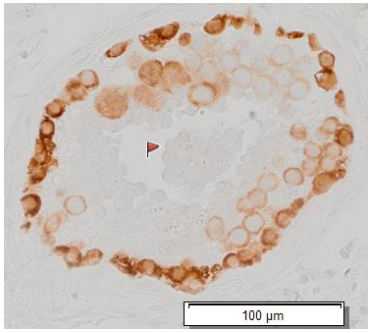
26. MAGEA4



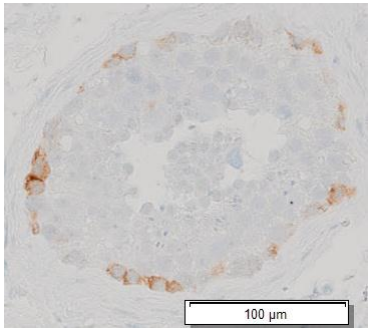
27. OCT2



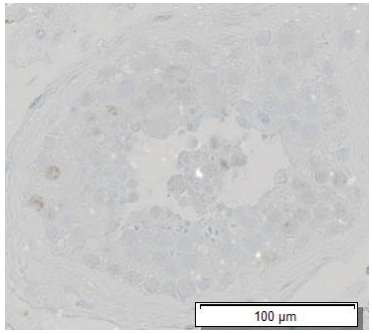
28. MAGEA4



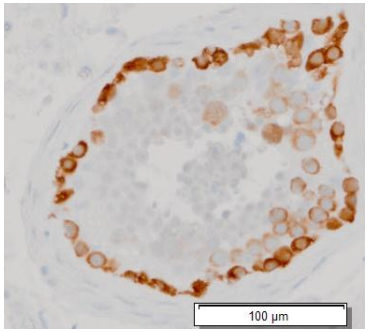
29. FGFR3



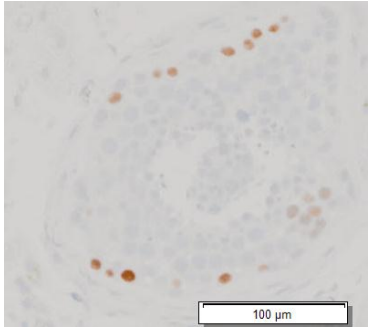
30. Ki67



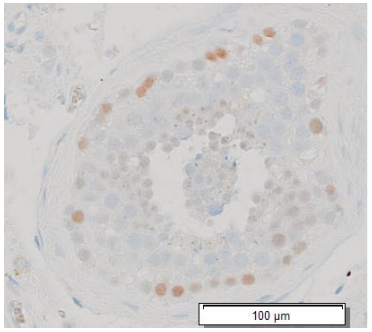
31. MAGEA4



32. SSX



33. SAGE1

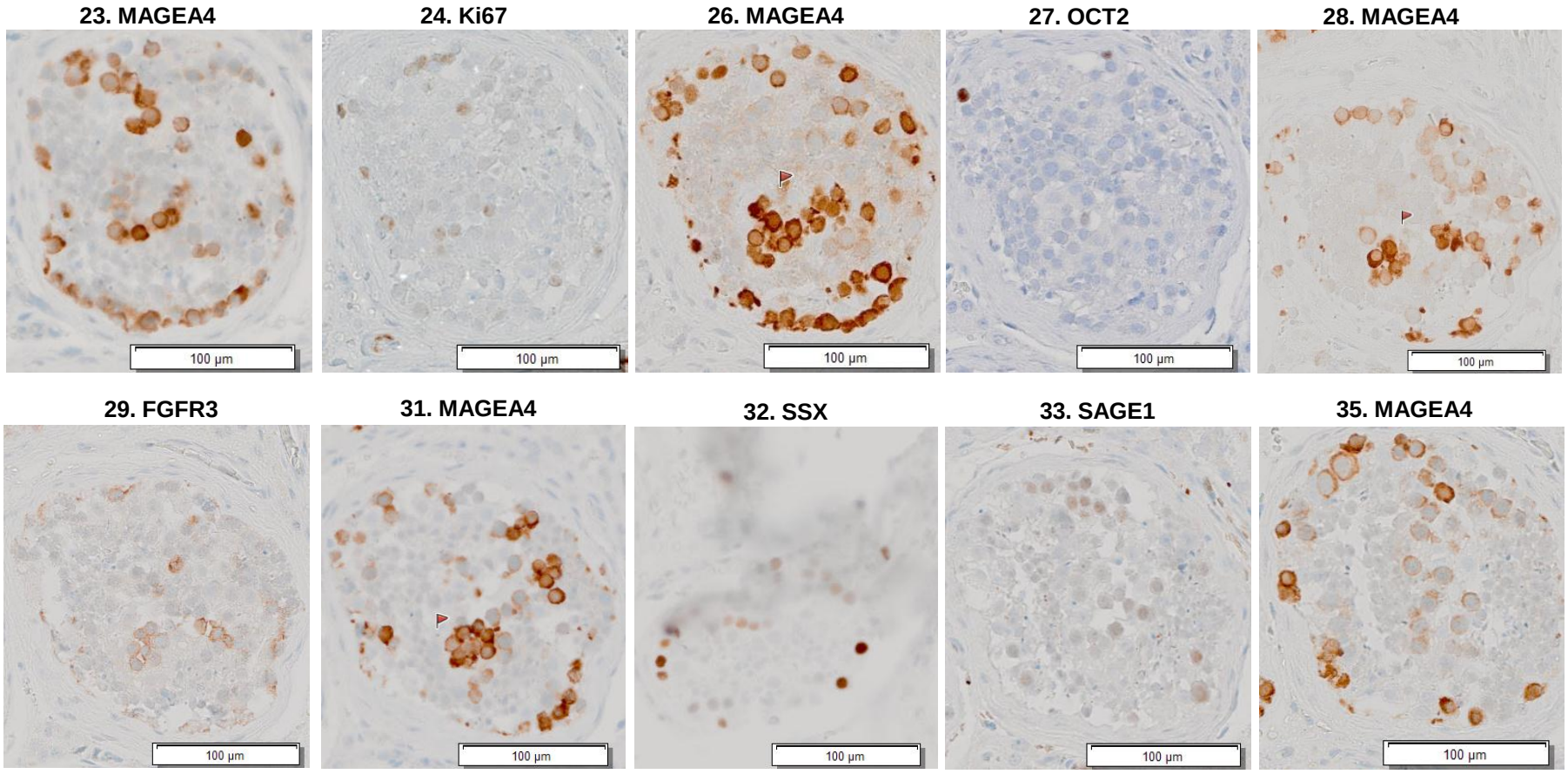


Clone no. 1-1_C18

A

Clone no.	Location	Slide 21	Slide 22	Slide 23	Slide 24	Slide 25	Slide 26	Slide 27	Slide 28	Slide 29	Slide 30	Slide 31	Slide 32	Slide 33	Slide 34	Slide 35	Minimum number of cells
		MAGEA4	SSX	MAGEA4	Ki67	H&E	MAGEA4	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	SSX	SAGE1	OCT2	MAGEA4	
1-1_C18	Centre	0		0*			1	0	1	0*	0	1	0	0		0	89
				4 cells			17 cells		8 cells	7 cells		9 cells					
				45 µm													

B



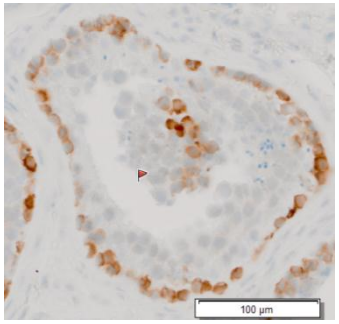
Clone no. 1-1_C19

A

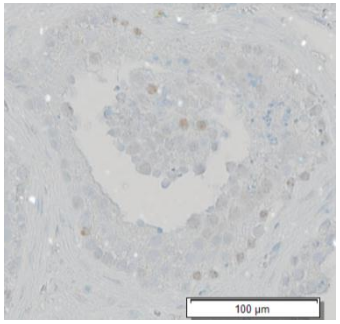
Clone no.	Location	Slide 21	Slide 22	Slide 23	Slide 24	Slide 25	Slide 26	Slide 27	Slide 28	Slide 29	Slide 30	Slide 31	Minimum number of cells
		MAGEA4	SSX	MAGEA4	Ki67	H&E	MAGEA4	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	
1-1_C19	Centre	0	NA	1 4 cells	0		1 17 cells	0	1 4 cells	0* 2 cells	0	0	59
				35 µm									

B

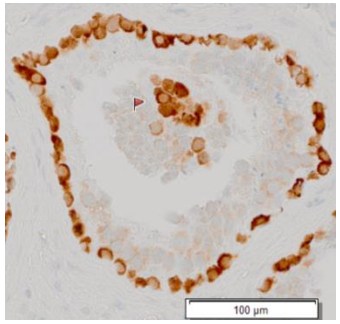
23. MAGEA4



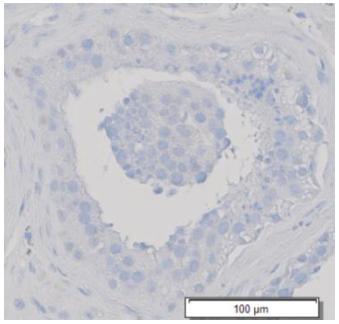
24. Ki67



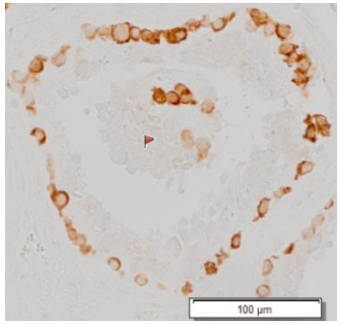
26. MAGEA4



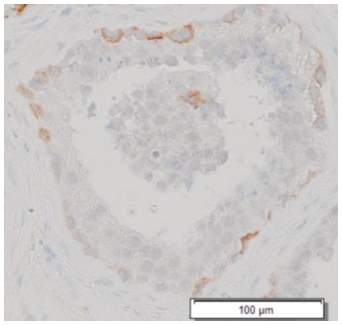
27. OCT2



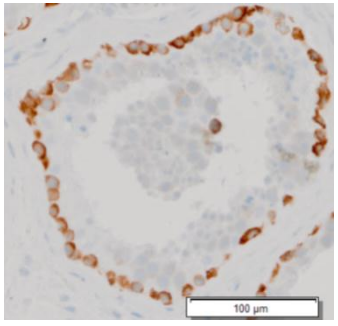
28. MAGEA4



29. FGFR3



31. MAGEA4



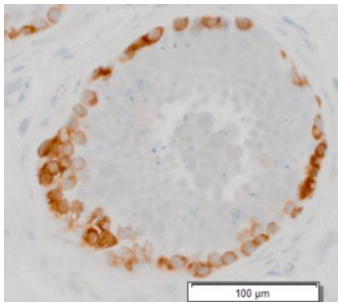
Clone no. 1-1_C20

A

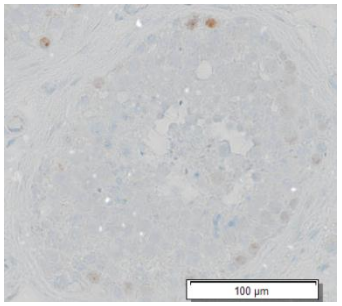
Clone no.	Location	Slide 23	Slide 24	Slide 25	Slide 26	Slide 27	Slide 28	Slide 29	Slide 30	Slide 31	Minimum number of cells
		MAGEA4	Ki67	H&E	MAGEA4	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	
1-1_C20	Centre	0	0		1 4 cells 15 µm	0	1 6 cells	0	0	0	15

B

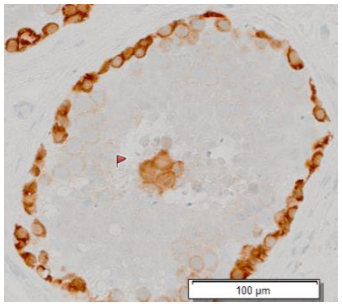
23. MAGEA4



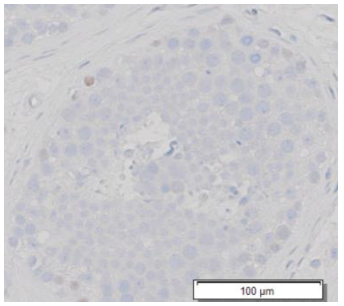
24. Ki67



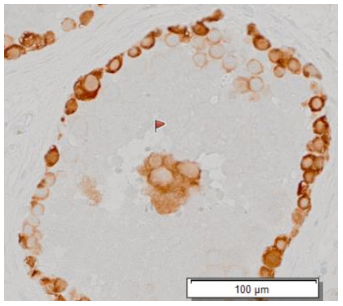
26. MAGEA4



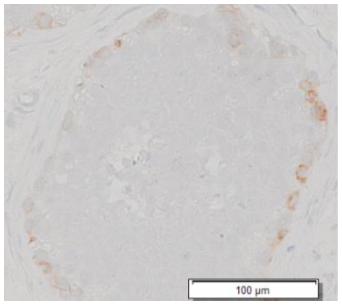
27. OCT2



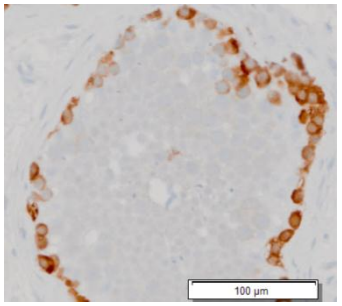
28. MAGEA4



29. FGFR3



31. MAGEA4



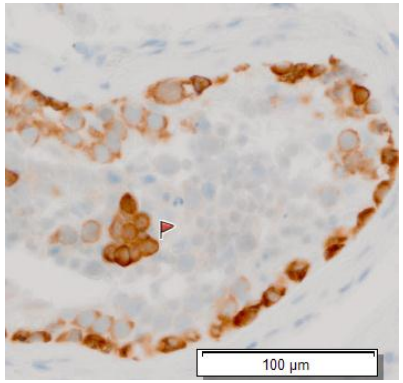
Clone no. 1-1_C21

A

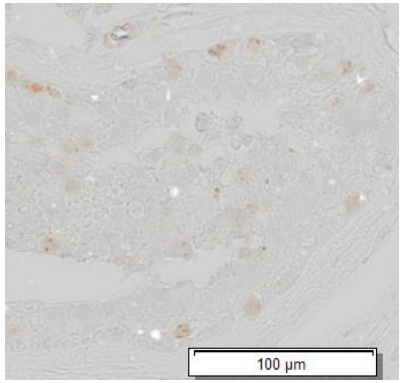
Clone no.	Location	Slide 21	Slide 22	Slide 23	Slide 24	Slide 25	Slide 26	Slide 27	Slide 28	Slide 29	Slide 30	Slide 31	Minimum number of cells
		MAGEA4	SSX	MAGEA4	Ki67	H&E	MAGEA4	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	
1-1_C21	Centre	NA		1 9 cells	0		1 9 cells	0	0* 2 cells	0	0	0	44
				30 µm									

B

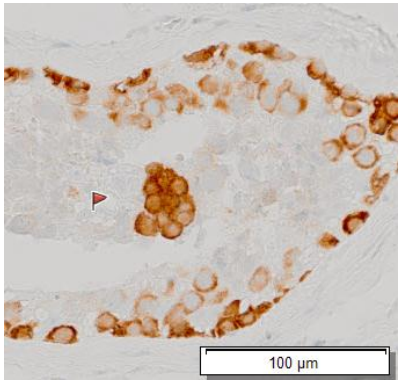
23. MAGEA4



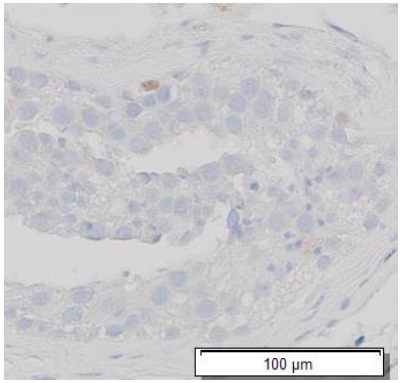
24. Ki67



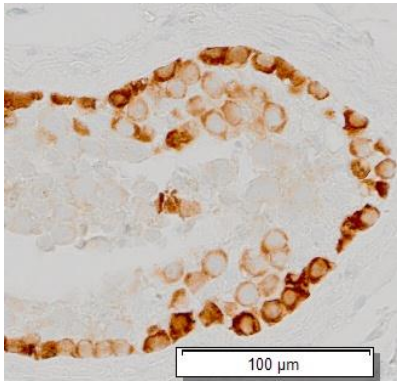
26. MAGEA4



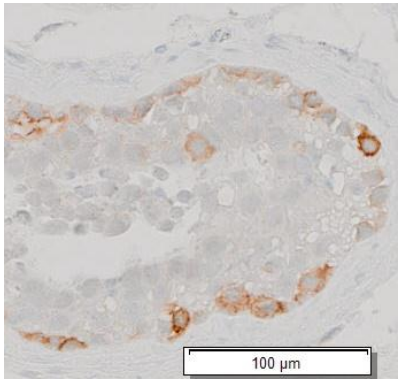
27. OCT2



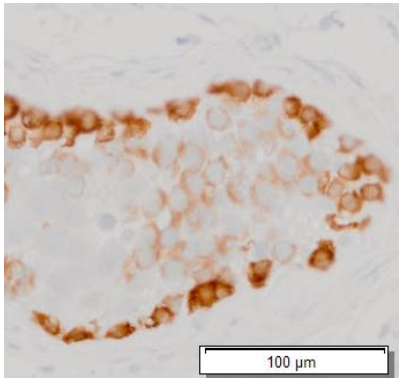
28. MAGEA4



29. FGFR3



31. MAGEA4

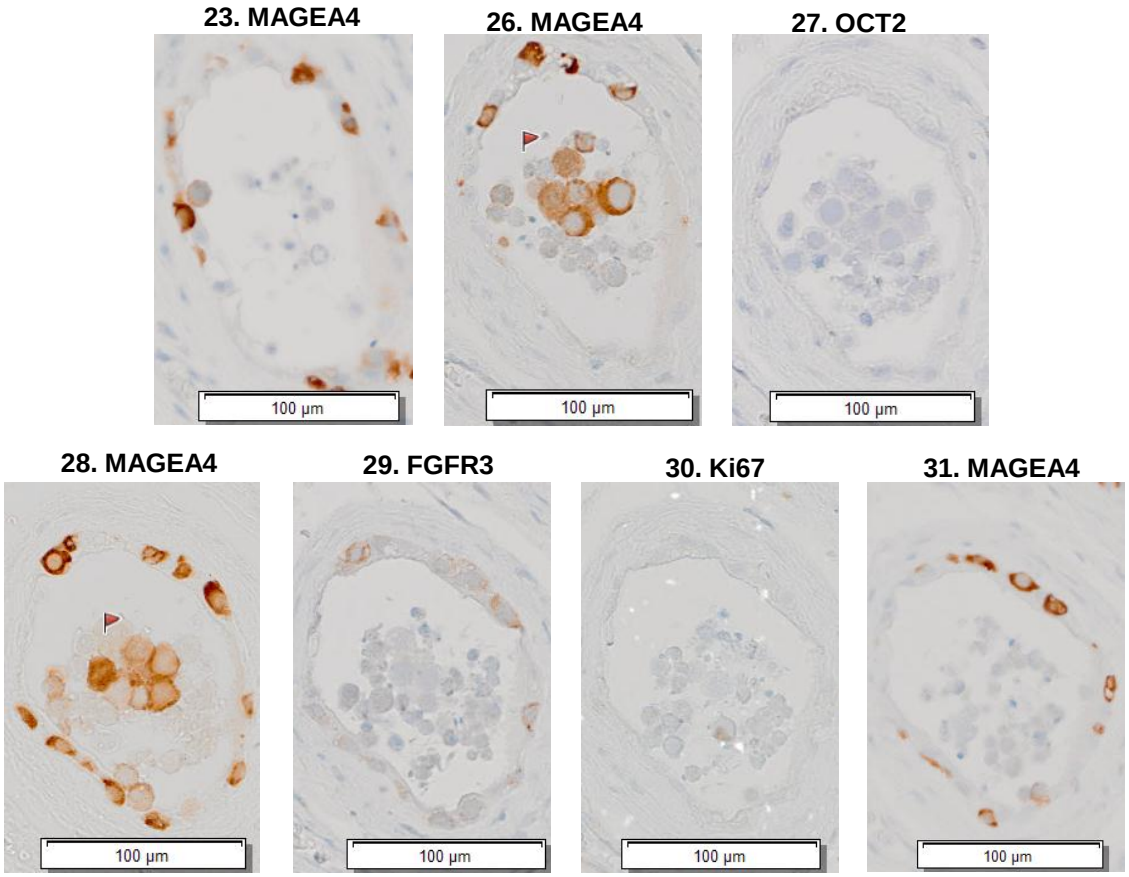


Clone no. 1-1_C22

A

Clone no.	Location	Slide 23	Slide 24	Slide 25	Slide 26	Slide 27	Slide 28	Slide 29	Slide 30	Slide 31	Minimum number of cells
		MAGEA4	Ki67	H&E	MAGEA4	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	
1-1_C22	Centre	NA	0		1 5 cells 15 µm	0	1 5 cells	0	0	0	15

B



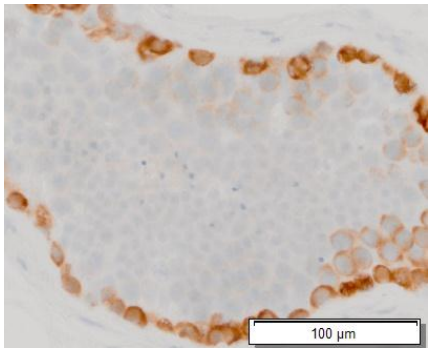
Clone no. 1-1_C23

A

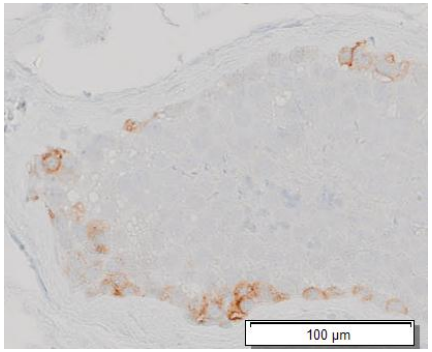
Clone no.	Location	Slide 23	Slide 24	Slide 25	Slide 26	Slide 27	Slide 28	Slide 29	Slide 30	Slide 31	Minimum number of cells
		MAGEA4	Ki67	H&E	MAGEA4	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	
1-1_C23	Periphery	0	0		1 10 cells	0	1 8 cells	0	0	0	27
					15 µm						

B

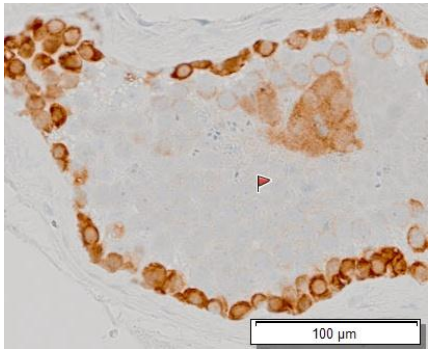
23. MAGEA4



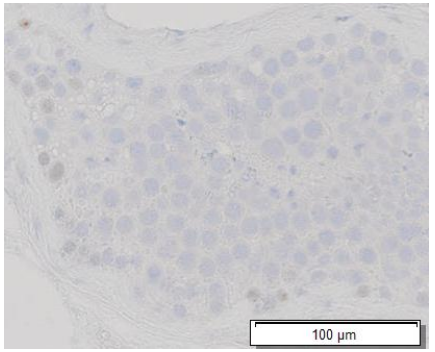
24. Ki67



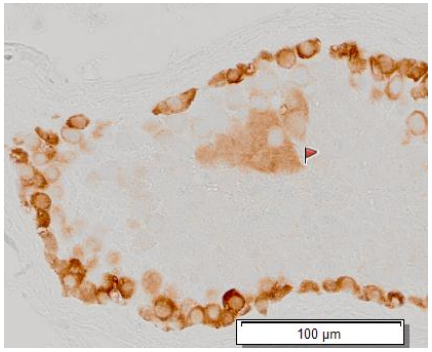
26. MAGEA4



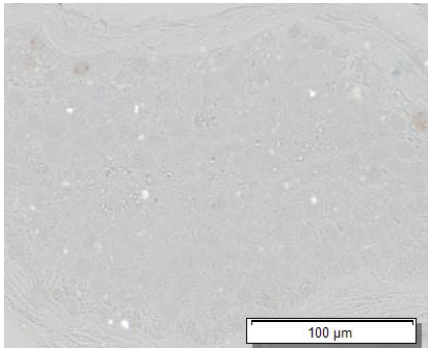
27. OCT2



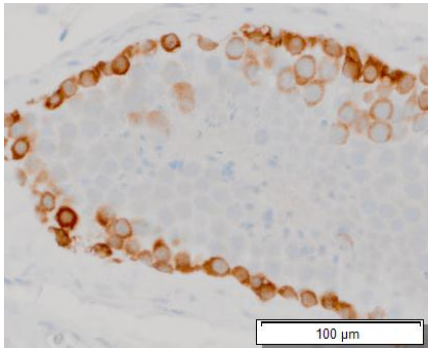
28. MAGEA4



29. FGFR3



31. MAGEA4



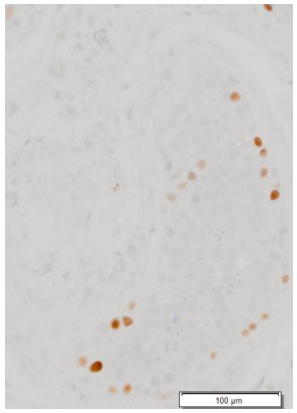
Clone no. 1-1_C24

A

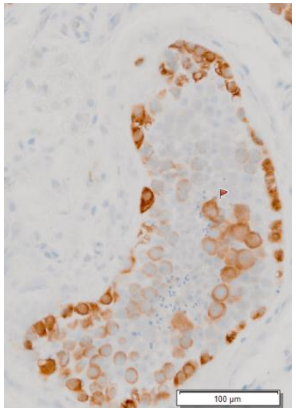
Clone no.	Location	Slide 21	Slide 22	Slide 23	Slide 24	Slide 25	Slide 26	Slide 27	Slide 28	Slide 29	Slide 30	Slide 31	Minimum number of cells
		MAGEA4	SSX	MAGEA4	Ki67	H&E	MAGEA4	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	
1-1_C24	Periphery	NA	0	1 7 cells	0		1 15 cells	0	0* 4 cells	0	0	0	58
				30 µm									

B

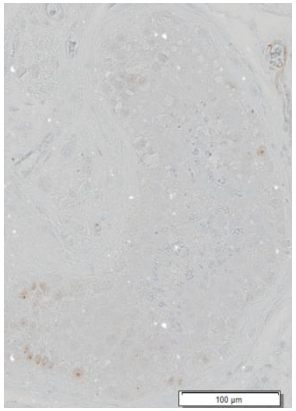
22. SSX



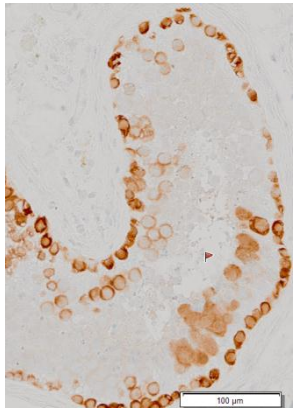
23. MAGEA4



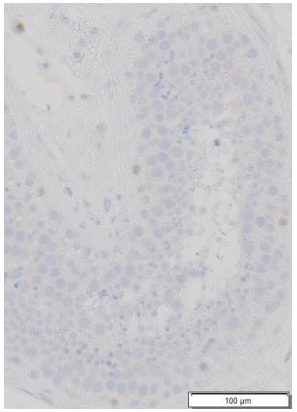
24. Ki67



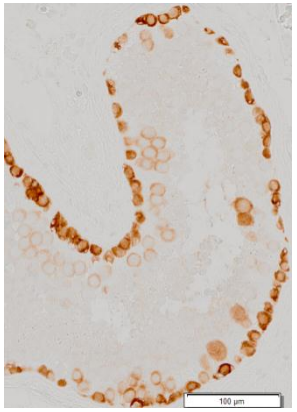
26. MAGEA4



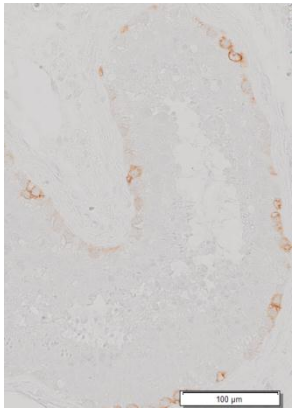
27. OCT2



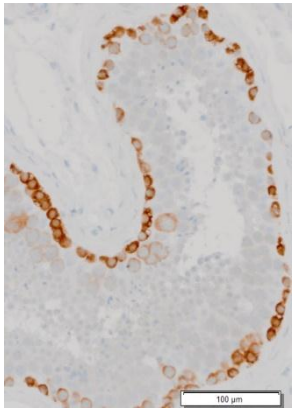
28. MAGEA4



29. FGFR3



31. MAGEA4

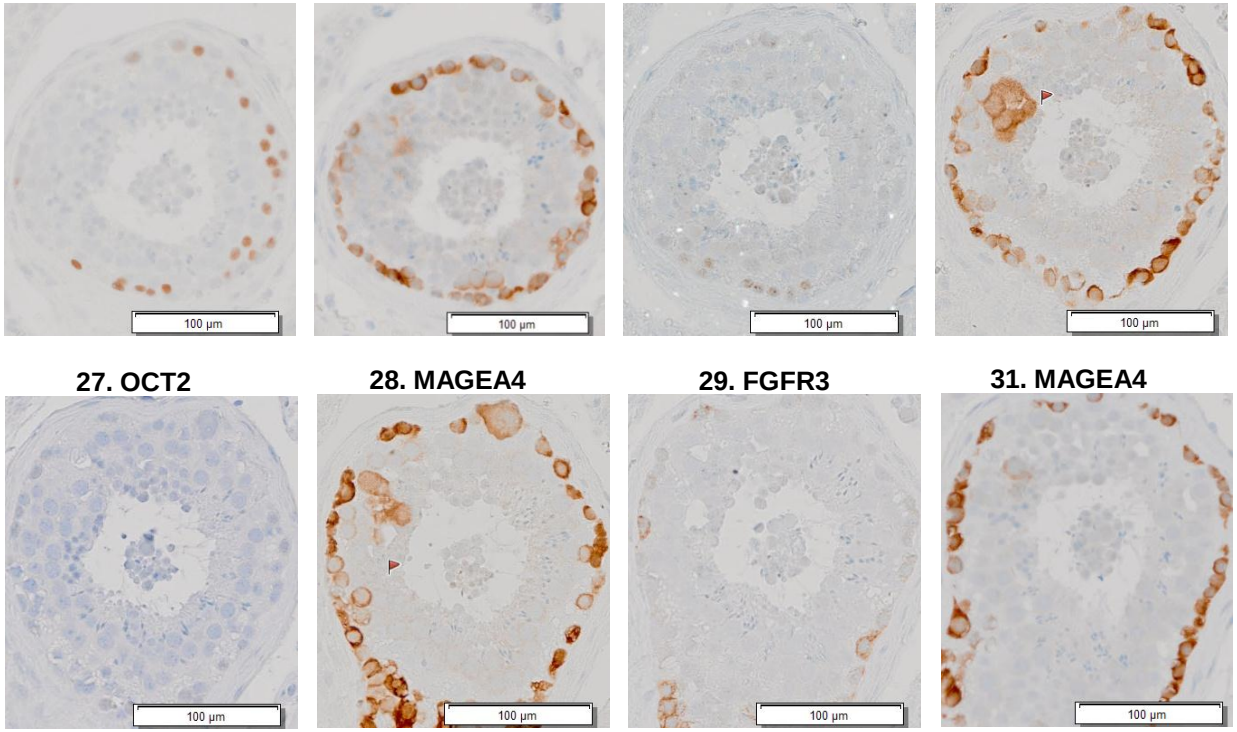


Clone no. 1-1_C25

A

Clone no.	Location	Slide 21	Slide 22	Slide 23	Slide 24	Slide 25	Slide 26	Slide 27	Slide 28	Slide 29	Slide 30	Slide 31	Minimum number of cells
		MAGEA4	SSX	MAGEA4	Ki67	H&E	MAGEA4	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	
1-1_C25	Near Periphery		0	0*	0		1	0	1	0	0	0	26
				1 cell			7 cells		4 cells				
				30 µm									

B

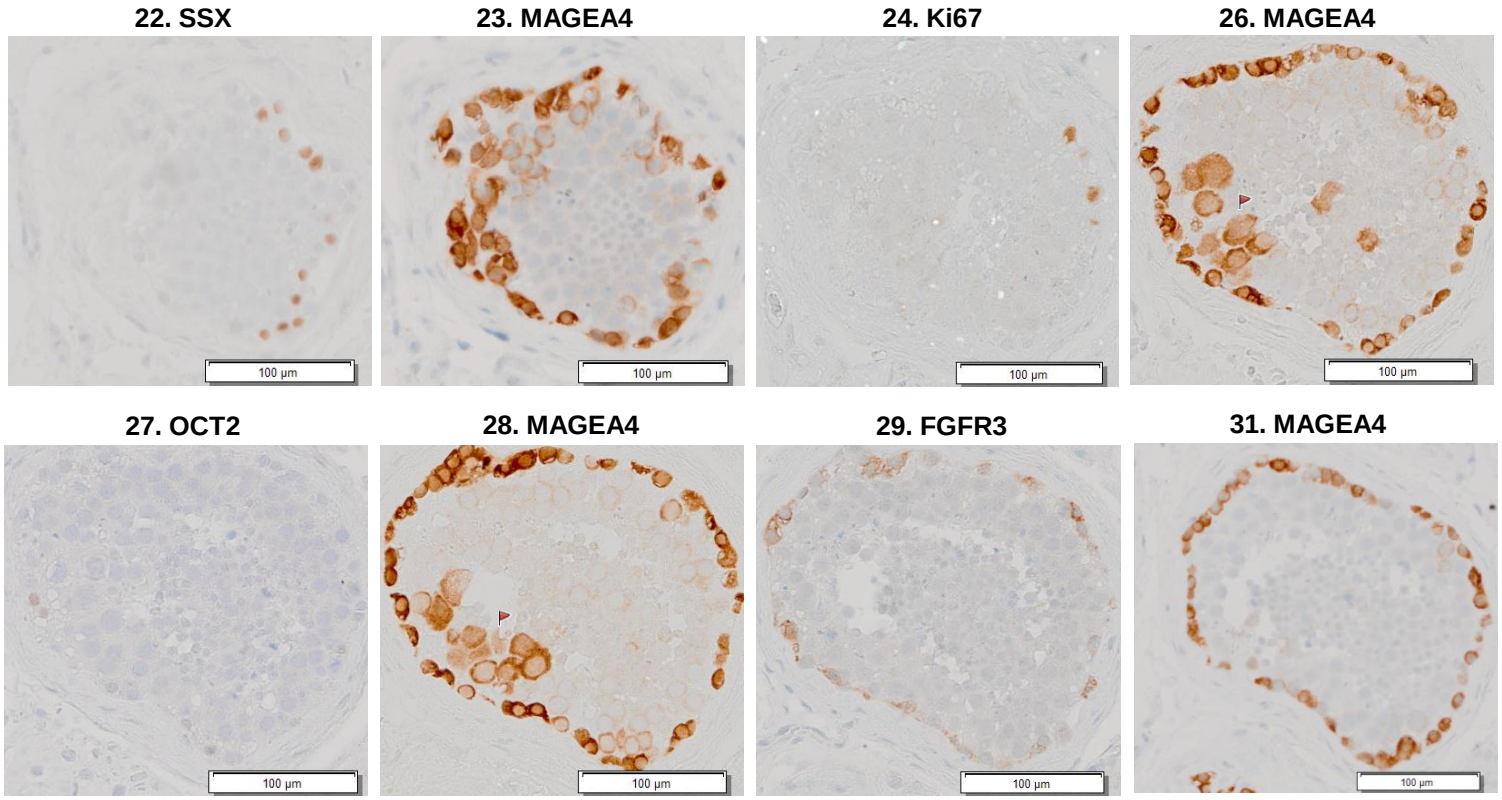


Clone no. 1-1_C26

A

Clone no.	Location	Slide 21	Slide 22	Slide 23	Slide 24	Slide 25	Slide 26	Slide 27	Slide 28	Slide 29	Slide 30	Slide 31	Minimum number of cells
		MAGEA4	SSX	MAGEA4	Ki67	H&E	MAGEA4	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	
1-1_C26	Near Periphery	0	0	0* 7 cells	0		1 8 cells	0	1 6 cells	0	0	0	43
				30 µm									

B

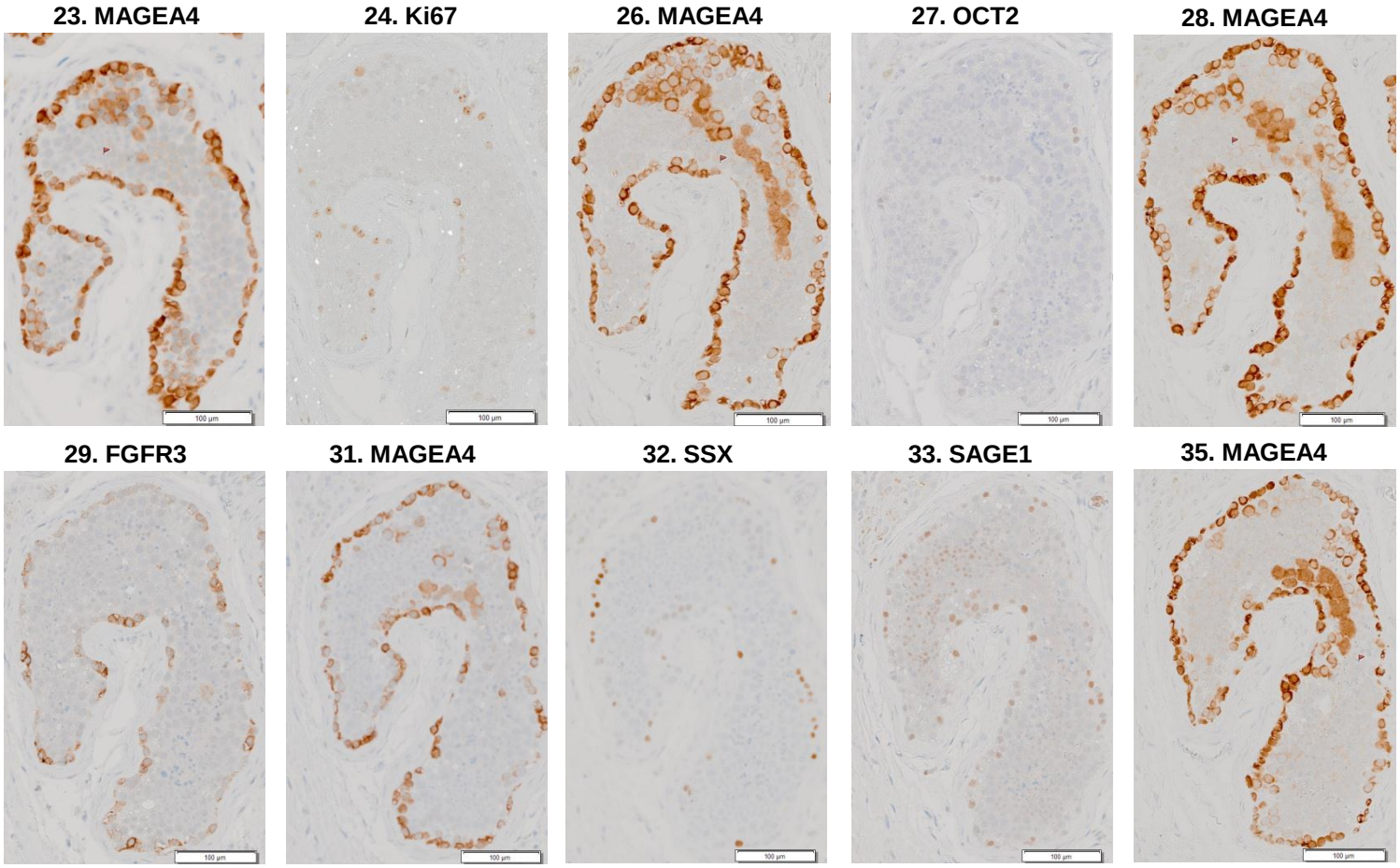


Clone no. 1-1_C27

A

Clone no.	Location	Slide 21	Slide 22	Slide 23	Slide 24	Slide 25	Slide 26	Slide 27	Slide 28	Slide 29	Slide 30	Slide 31	Slide 32	Slide 33	Slide 34	Slide 35	Sldie 36	Sldie 37	Sldie 38	Sldie 39	Sldie 40	Slide 41	Minimum number of cells
		MAGEA4	SSX	MAGEA4	Ki67	H&E	MAGEA4	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	SSX	SAGE1	OCT2	MAGEA4	n.s	n.s	n.s	n.s	n.s	MAGEA4	
1-1_C27	Centre	NA	0	1 4 cells			1 20 cells	0	1 22 cells	0	0	0* 5 cells	0	0	0	1 13 cells						0	163
				65 µm																			

B



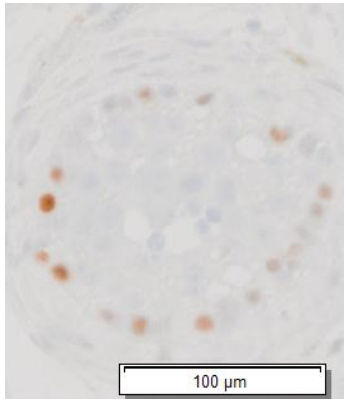
Clone no. 1-1_C28

A

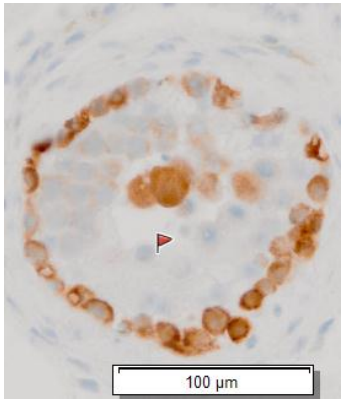
Clone no.	Location	Slide 21	Slide 22	Slide 23	Slide 24	Slide 25	Slide 26	Slide 27	Slide 28	Slide 29	Slide 30	Slide 31	Minimum number of cells
		MAGEA4	SSX	MAGEA4	Ki67	H&E	MAGEA4	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	
1-1_C28	Centre	0	0	1 4 cells	0		1 5 cells	0	0* 2 cells	0	0	NA	24
				30 µm									

B

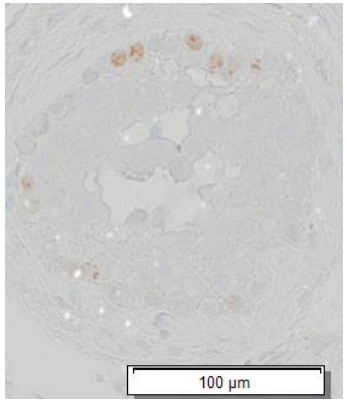
22. SSX



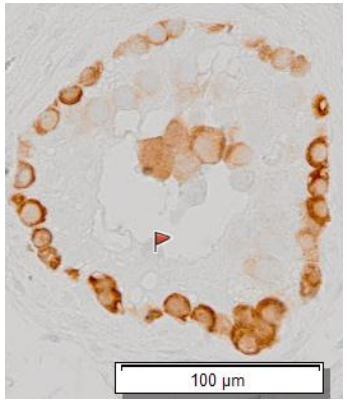
23. MAGEA4



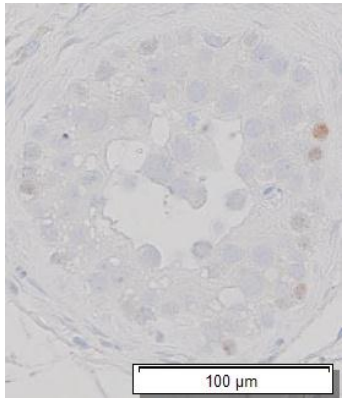
24. Ki67



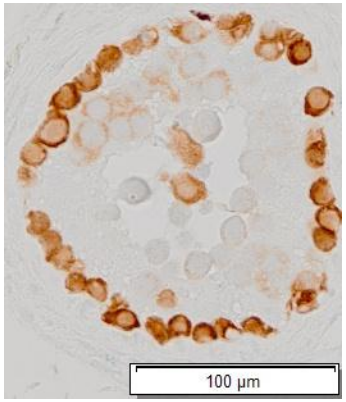
26. MAGEA4



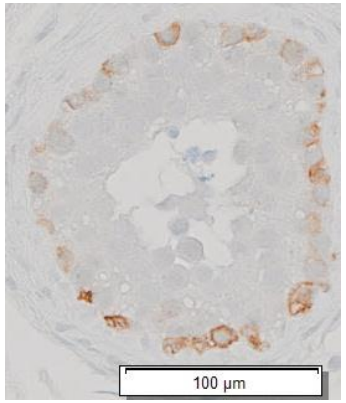
27. OCT2



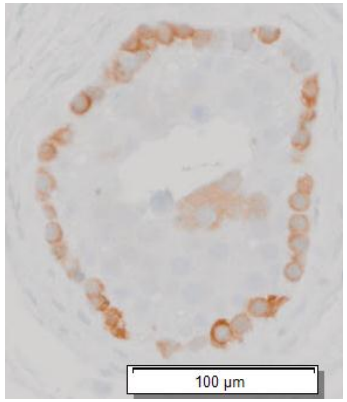
28. MAGEA4



29. FGFR3



31. MAGEA4

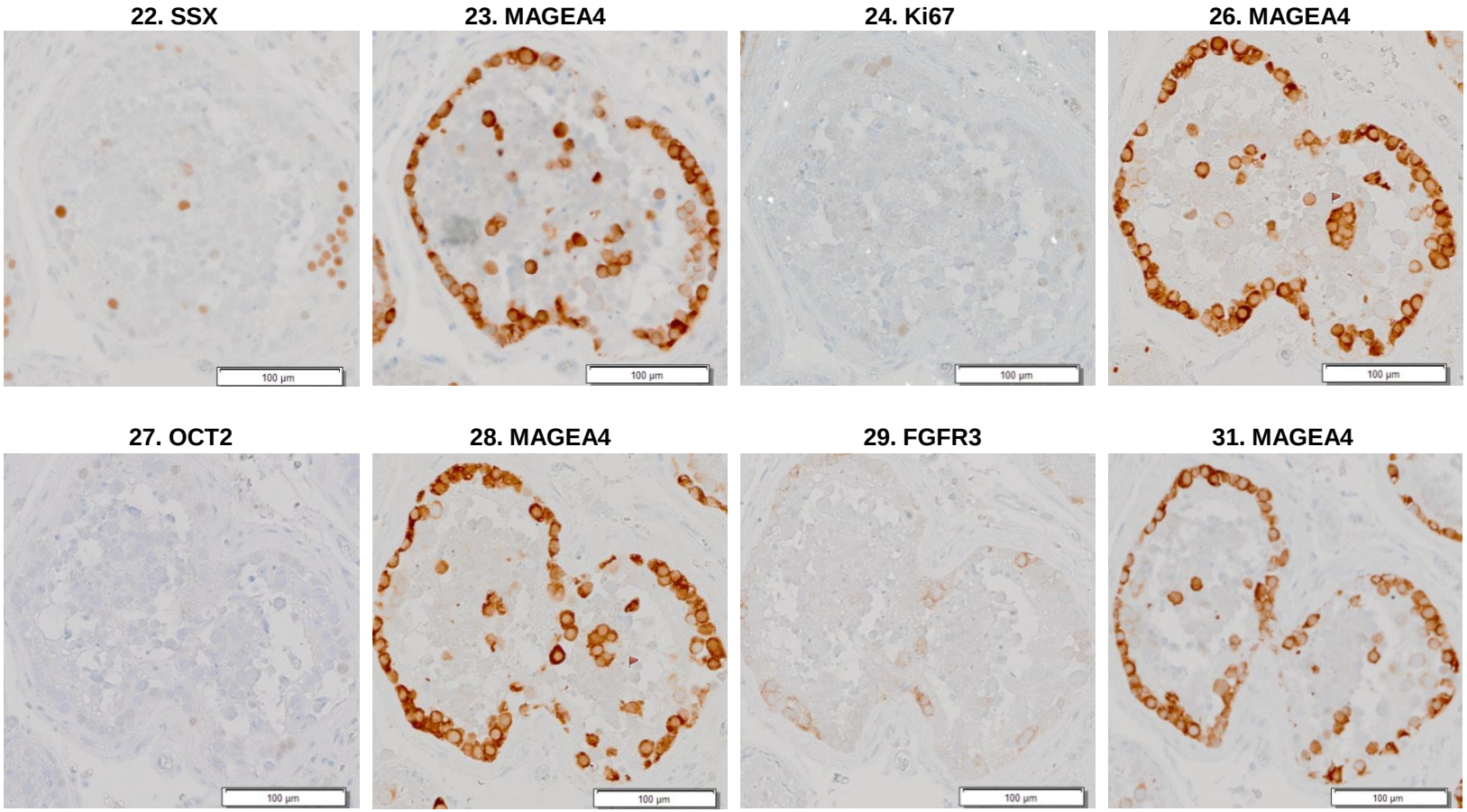


Clone no. 1-1_C29

A

Clone no.	Location	Slide 21	Slide 22	Slide 23	Slide 24	Slide 25	Slide 26	Slide 27	Slide 28	Slide 29	Slide 30	Slide 31	Minimum number of cells
		MAGEA4	SSX	MAGEA4	Ki67	H&E	MAGEA4	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	
1-1_C29	Centre	0	0	0* 5 cells	0		1 9 cells	0	1 6 cells	0	0	0	42
				30 µm									

B



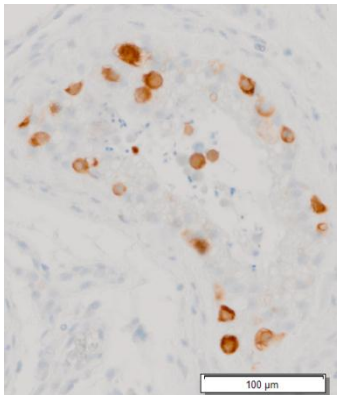
Clone no. 1-1_C30

A

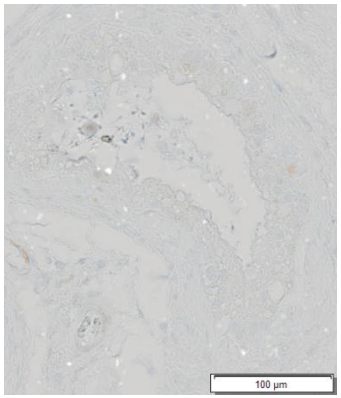
Clone no.	Location	Slide 23	Slide 24	Slide 25	Slide 26	Slide 27	Slide 28	Slide 29	Slide 30	Slide 31	Minimum number of cells
		MAGEA4	Ki67	H&E	MAGEA4	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	
1-1_C30	Centre	0	0		1 5 cells 15 µm	0	1 5 cells	0	0	0	15

B

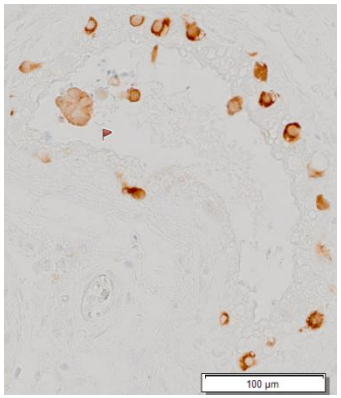
23. MAGEA4



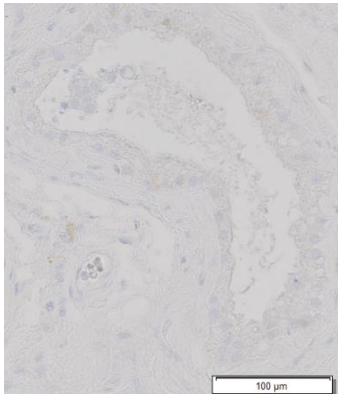
24. Ki67



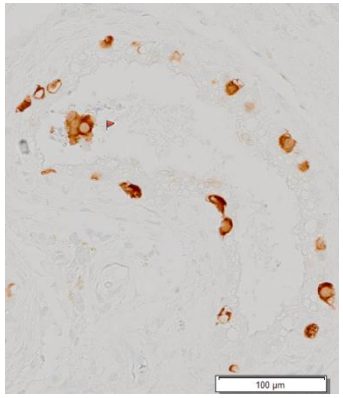
26. MAGEA4



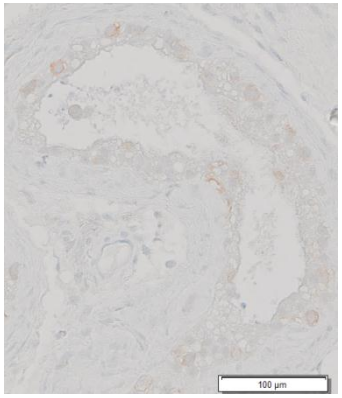
27. OCT2



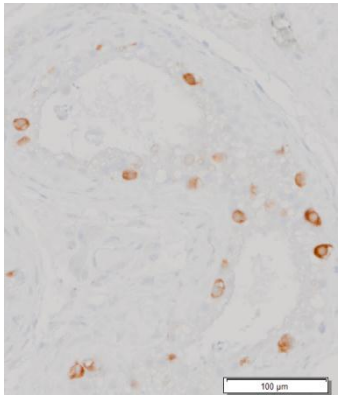
28. MAGEA4



29. FGFR3



31. MAGEA4



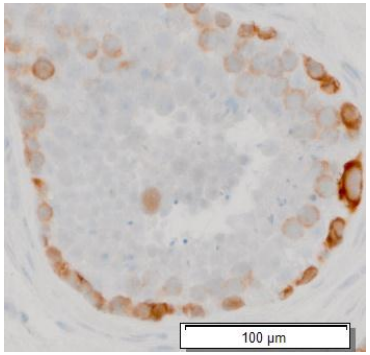
Clone no. 1-1_C31

A

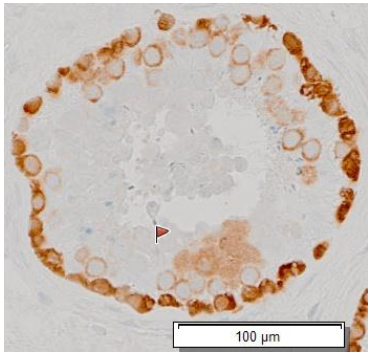
Clone no.	Location	Slide 23	Slide 24	Slide 25	Slide 26	Slide 27	Slide 28	Slide 29	Slide 30	Slide 31	Slide 32	Slide 33	Minimum number of cells
		MAGEA4	Ki67	H&E	MAGEA4	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	SSX	SAGE1	
1-1_C31	Near Periphery	0	0		1 6 cells	0	1 11 cells	0	0	0* 2 cells	0	0	41
					30 µm								

B

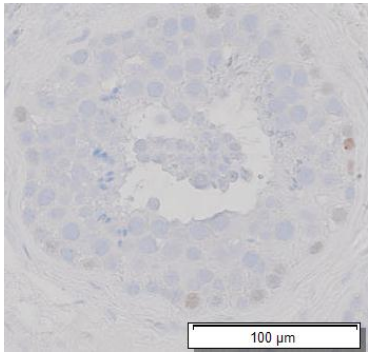
23. MAGEA4



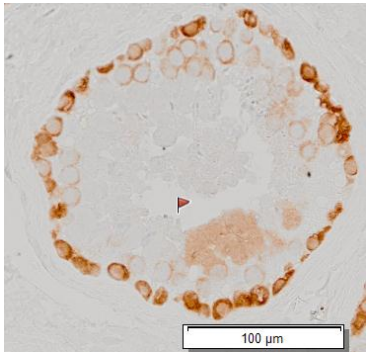
26. MAGEA4



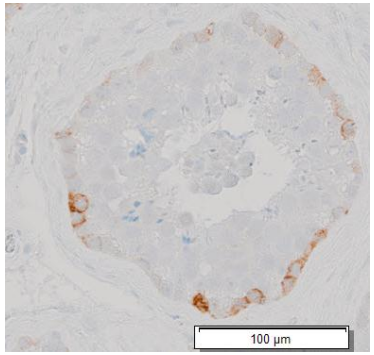
27. OCT2



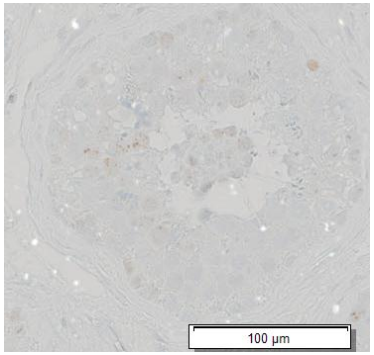
28. MAGEA4



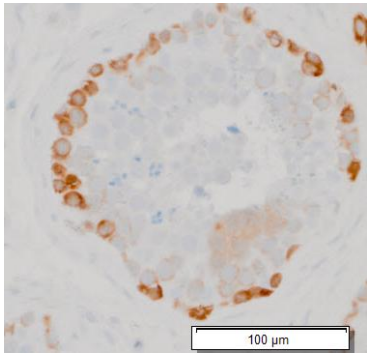
29. FGFR3



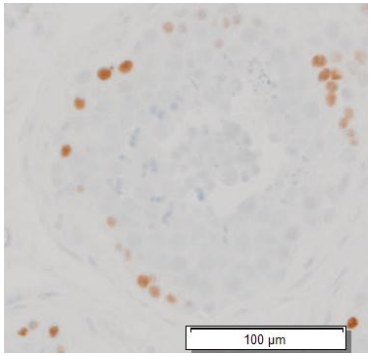
30. Ki67



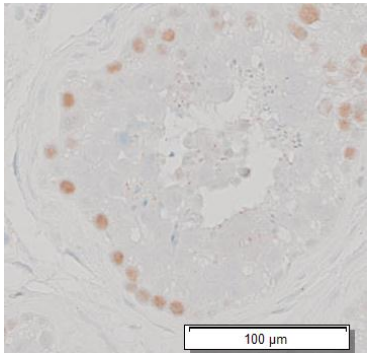
31. MAGEA4



32. SSX



33. SAGE1

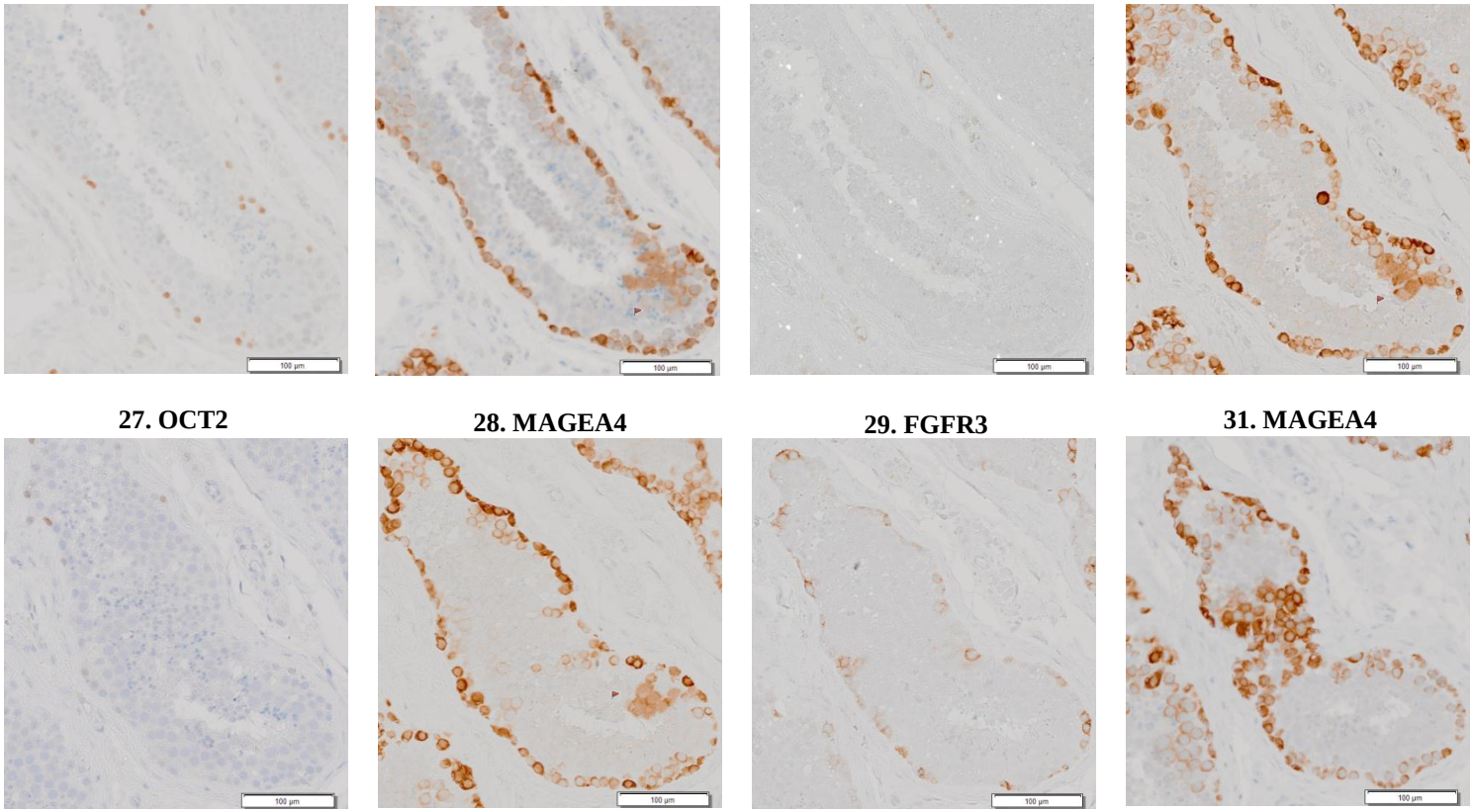


Clone no. 1-1_C32

A

Clone no.	Location	Slide 21	Slide 22	Slide 23	Slide 24	Slide 25	Slide 26	Slide 27	Slide 28	Slide 29	Slide 30	Slide 31	Minimum number of cells
		MAGEA4	SSX	MAGEA4	Ki67	H&E	MAGEA4	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	
1-1_C32	Near Periphery	0	0	1 7 cells			1 6 cells	0	1 7 cells	0	0	0	40
				30 µm									

B



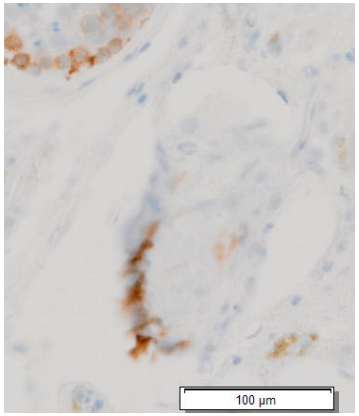
Clone no. 1-1_C33

A

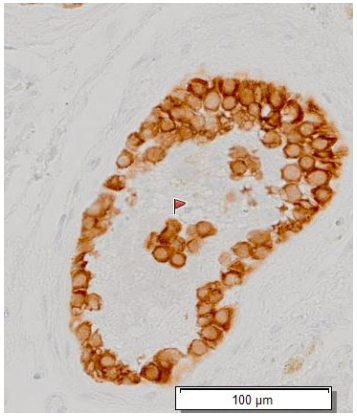
Clone no.	Location	Slide 23	Slide 24	Slide 25	Slide 26	Slide 27	Slide 28	Slide 29	Slide 30	Slide 31	Slide 32	Slide 33	Minimum number of cells
		MAGEA4	Ki67	n.s	MAGEA4	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	SSX	SAGE1	
1-1_C33	Centre	NA	0		1 8 cells	0	1 10 cells	1 3 cells	0	1 8 cells	NA	NA	53
					30 µm								

B

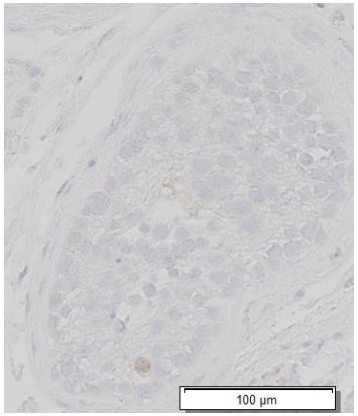
23. MAGEA4



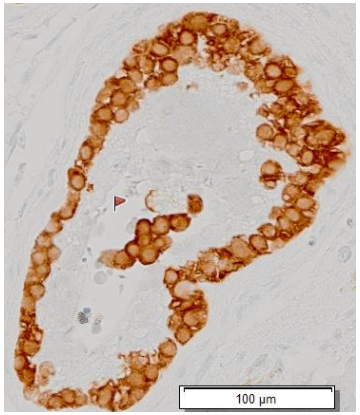
26. MAGEA4



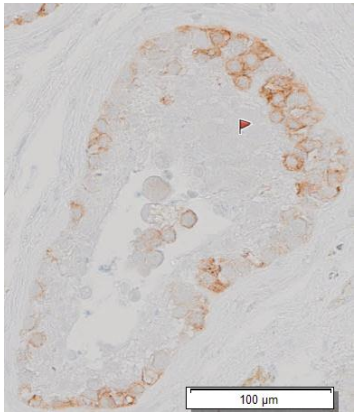
27. OCT2



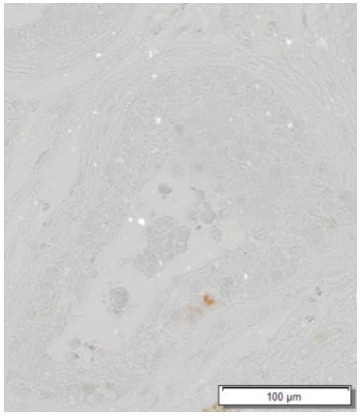
28. MAGEA4



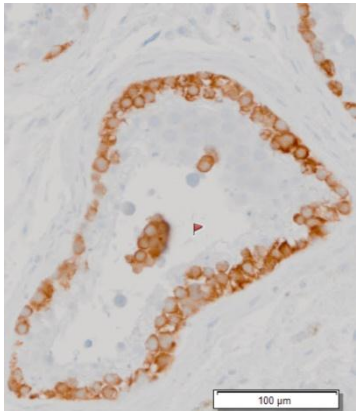
29. FGFR3



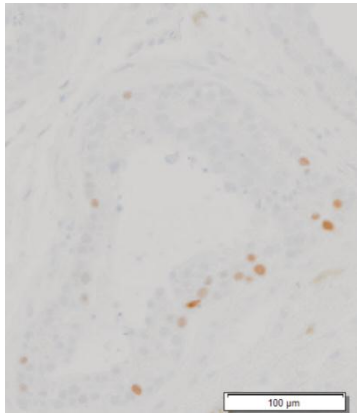
30. Ki67



31. MAGEA4



32. SSX

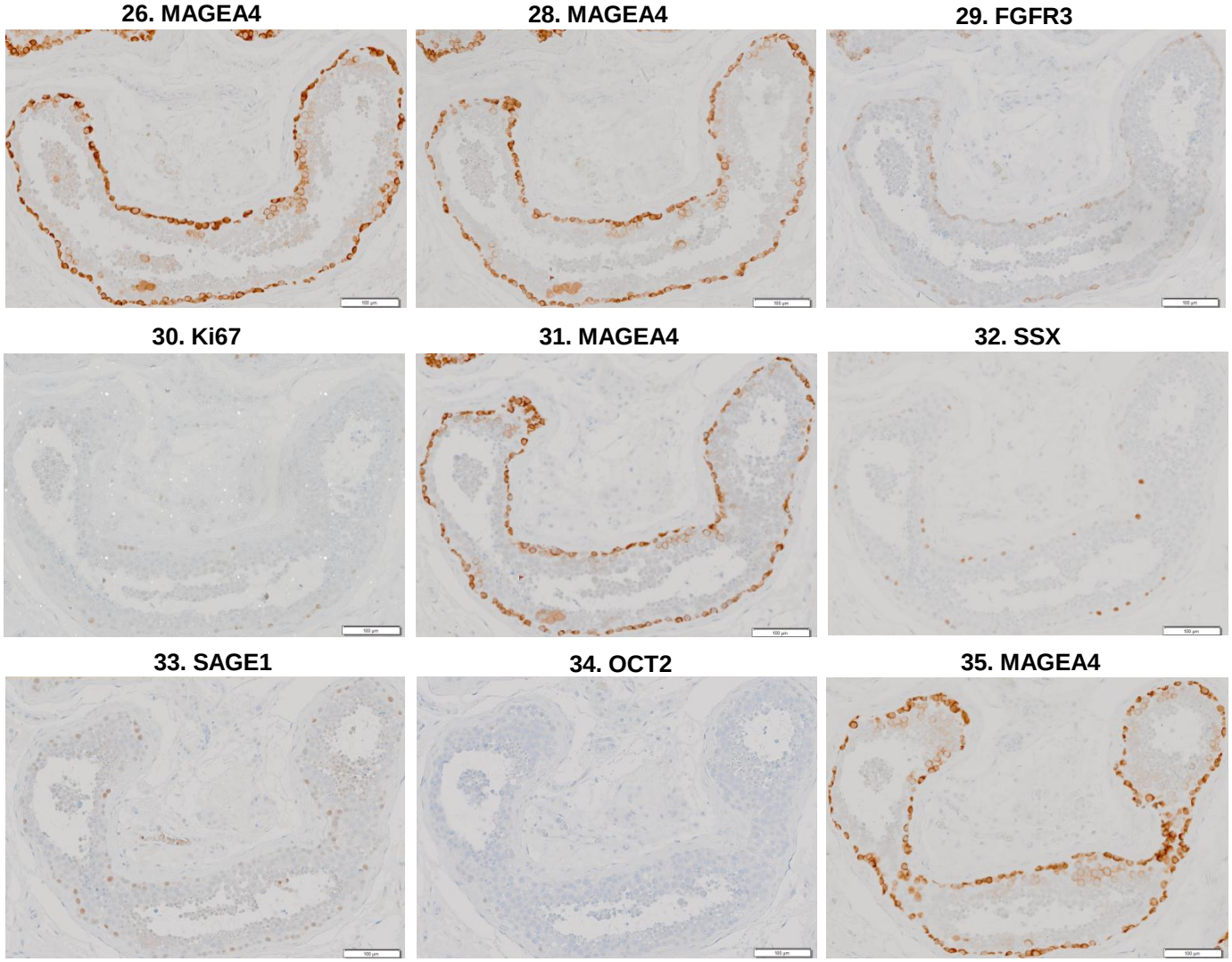


Clone no. 1-1_C34

A

Clone no.	Location	Slide 23	Slide 24	Slide 25	Slide 26	Slide 27	Slide 28	Slide 29	Slide 30	Slide 31	Slide 32	Slide 33	Slide 34	Slide 35	Minimum number of cells
		MAGEA4	Ki67	H&E	MAGEA4	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	SSX	SAGE1	OCT2	MAGEA4	
1-1_C34	Near Periphery	0			0* 3 cells	0	1 5 cells	0	0	1 8 cells	0	0	0	0* 2 cells	51
					50 µm										

B

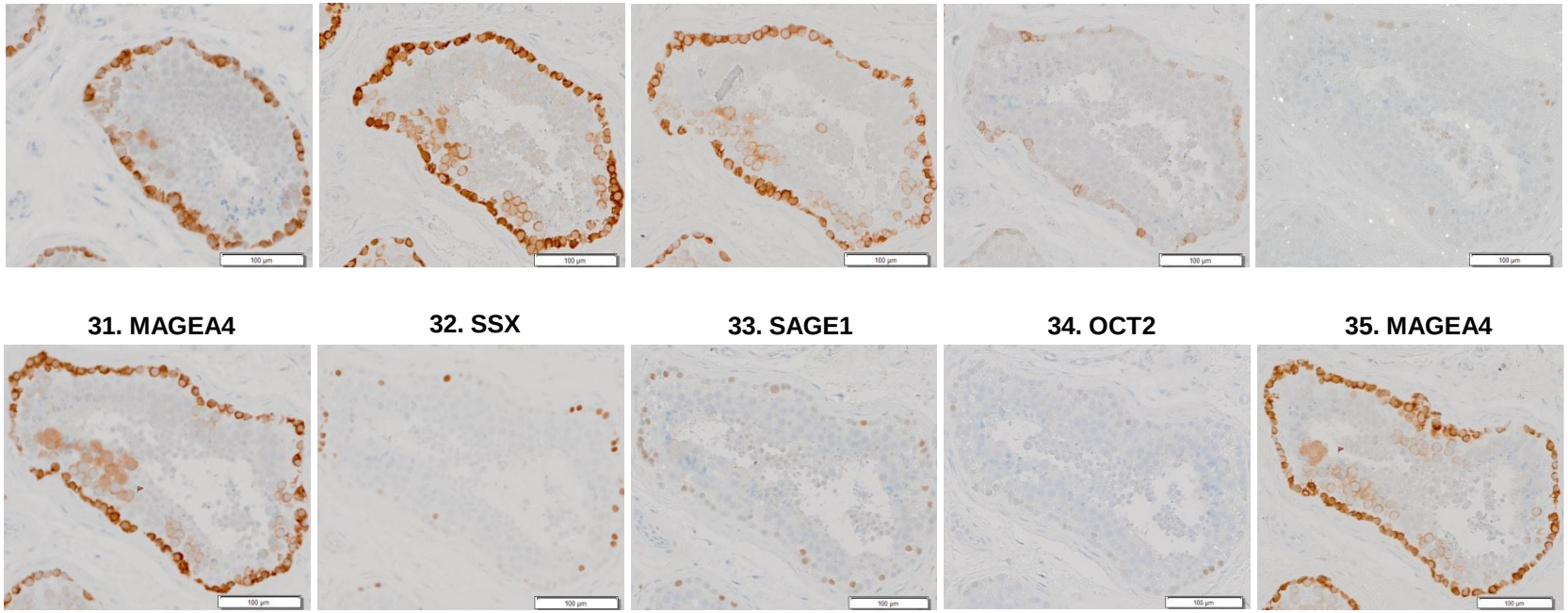


Clone no. 1-1_C35

A

Clone no.	Location	Slide 23	Slide 24	Slide 25	Slide 26	Slide 27	Slide 28	Slide 29	Slide 30	Slide 31	Slide 32	Slide 33	Slide 34	Slide 35	SIdie 36	SIdie 37	SIdie 38	SIdie 39	SIdie 40	Slide 41	Minimum number of cells
		MAGEA4	Ki67	H&E	MAGEA4	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	SSX	SAGE1	OCT2	MAGEA4	n.s	n.s	n.s	n.s	n.s	MAGEA4	
1-1_C35	Near Periphery	0*			0*	0	0*	0	0	1	0	0	0	1						0	
		2 cells			3 cells		2 cells			12 cells				5 cells							72
		65 µm																			

B



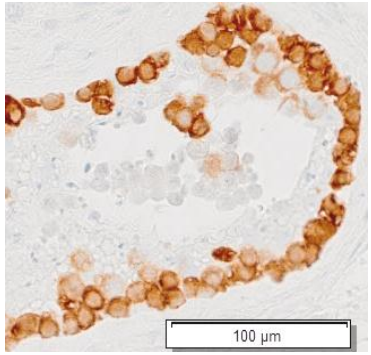
Clone no. 1-1_C36

A

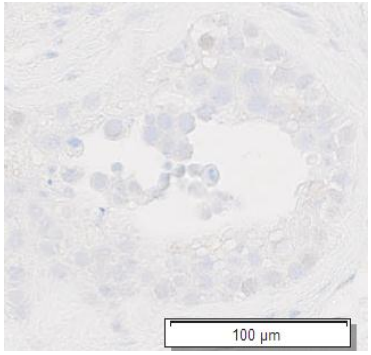
Clone no.	Location	Slide 26	Slide 27	Slide 28	Slide 29	Slide 30	Slide 31	Slide 32	Slide 33	Slide 34	Slide 35	Minimum number of cells
		MAGEA4	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	SSX	SAGE1	OCT2	MAGEA4	
1-1_C36	Centre	0*	0	1	0*	1	1	1	1	0	0	98
		4 cells		7 cells	1 cell	9 cells	21 cells	17 cells	15 cells			
		40 µm										

B

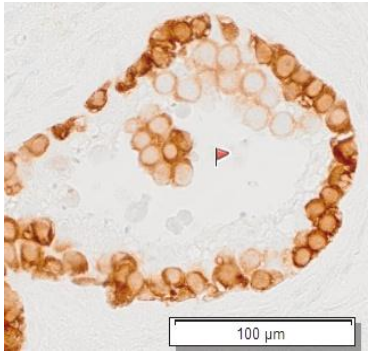
26. MAGEA4



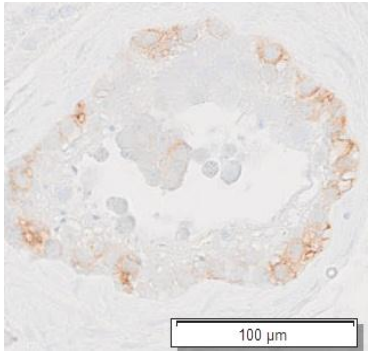
27. OCT2



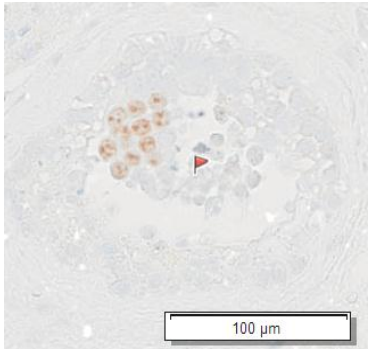
28. MAGEA4



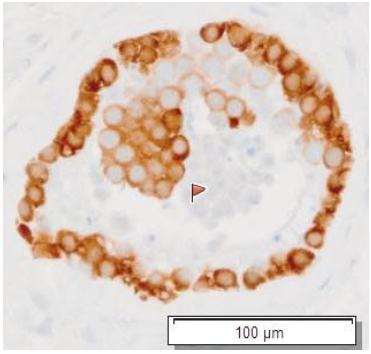
29. FGFR3



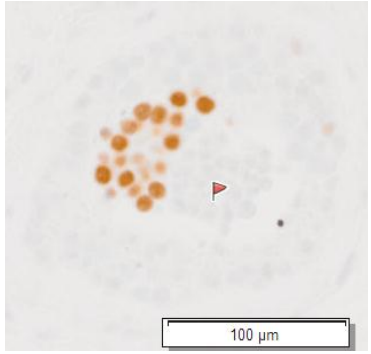
30. Ki67



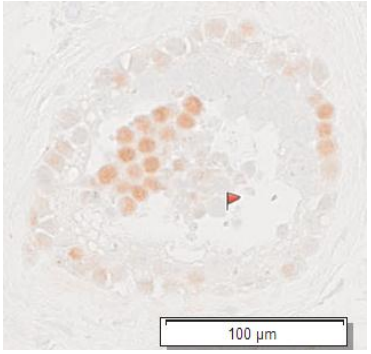
31. MAGEA4



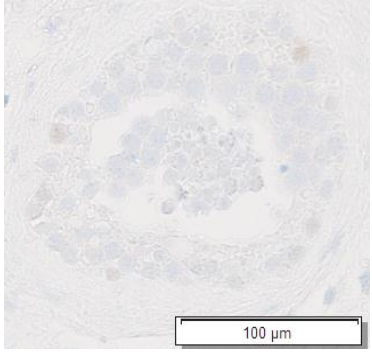
32. SSX



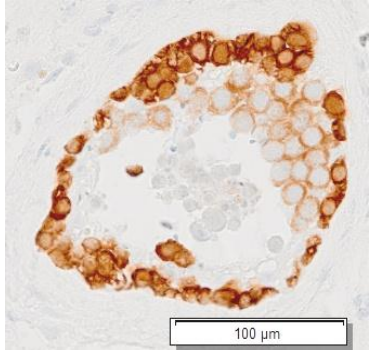
33. SAGE1



34. OCT2



35. MAGEA4



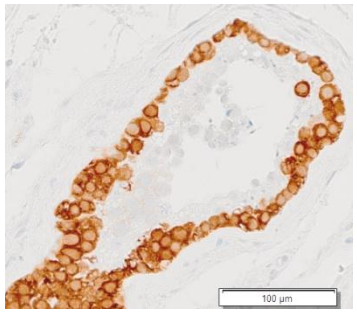
Clone no. 1-1_C37

A

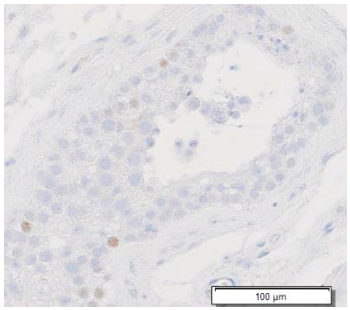
Clone no.	Location	Slide 26	Slide 27	Slide 28	Slide 29	Slide 30	Slide 31	Slide 32	Slide 33	Slide 34	Slide 35	Minimum number of cells
		MAGEA4	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	SSX	SAGE1	OCT2	MAGEA4	
1-1_C37	Centre	0	0	1 9 cells	0* 2 cells	0	1 13 cells	0	1 3 cells	0	0	55
				30 µm								

B

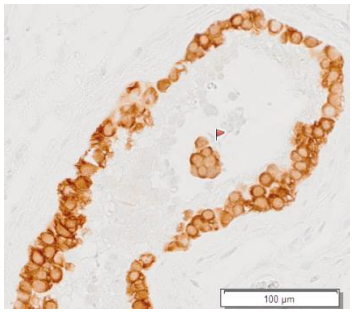
26. MAGEA4



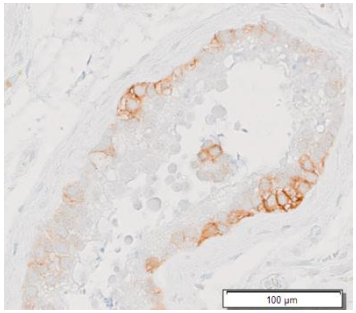
27. OCT2



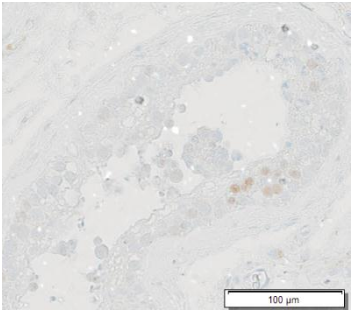
28. MAGEA4



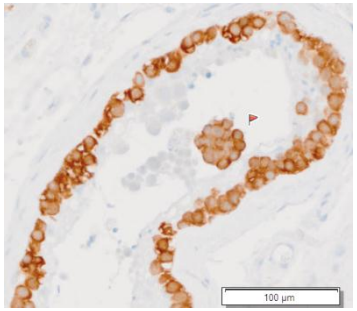
29. FGFR3



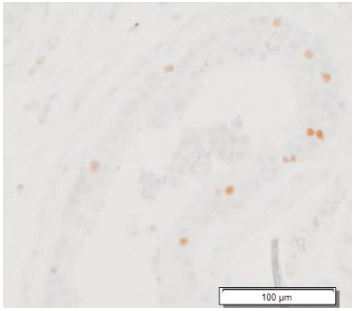
30. Ki67



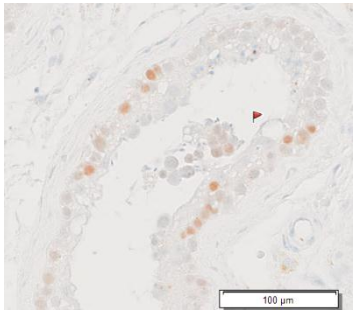
31. MAGEA4



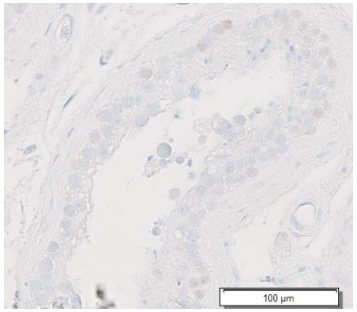
32. SSX



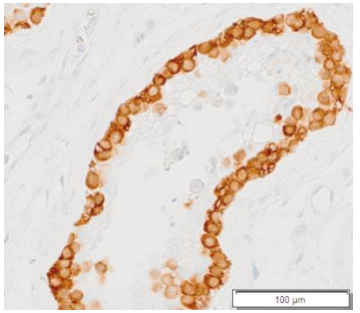
33. SAGE1



34. OCT2



35. MAGEA4

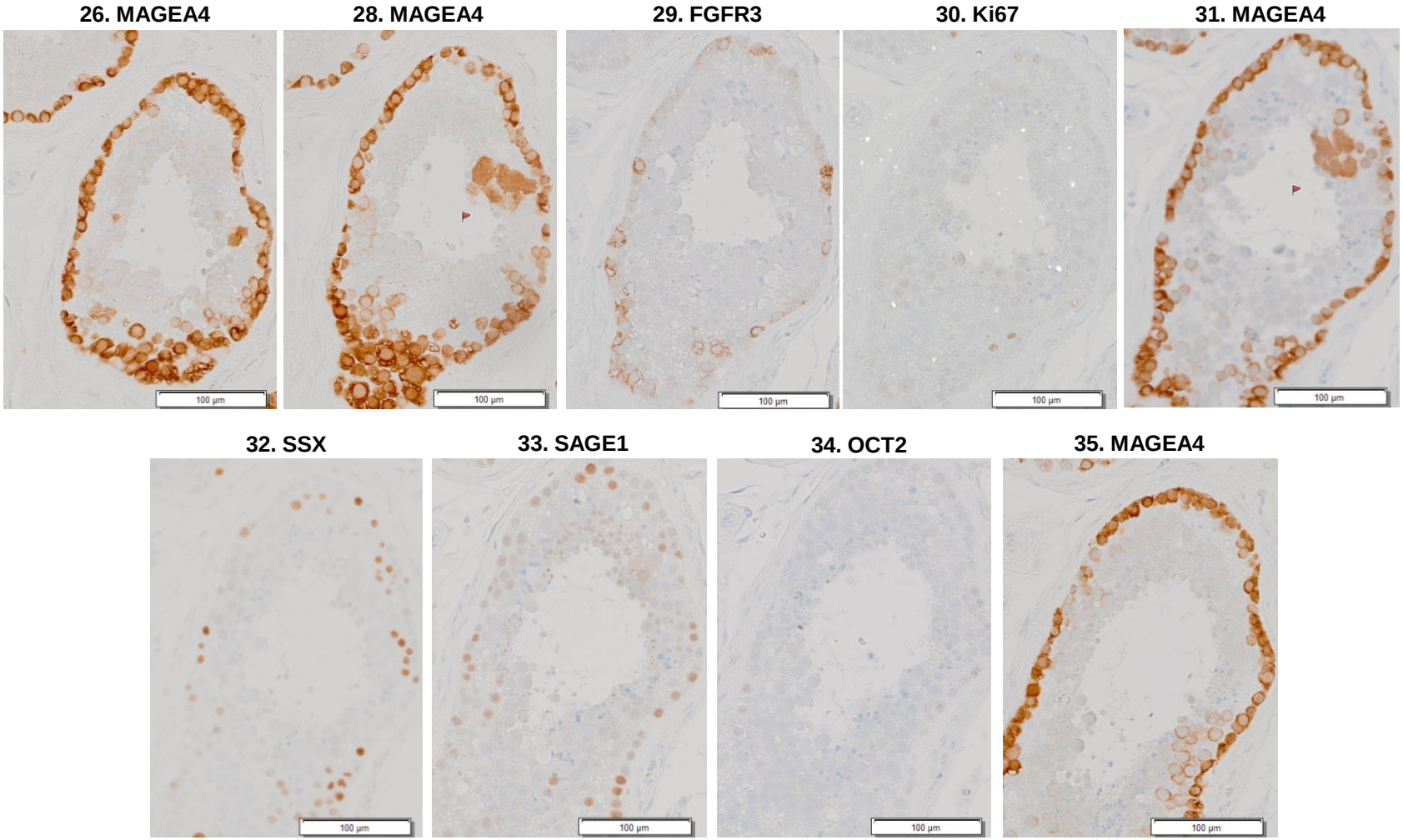


Clone no. 1-1_C38

A

Clone no.	Location	Slide 26	Slide 27	Slide 28	Slide 29	Slide 30	Slide 31	Slide 32	Slide 33	Slide 34	Slide 35	Minimum number of cells
		MAGEA4	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	SSX	SAGE1	OCT2	MAGEA4	
1-1_C38	Near Periphery	0*	0	1	0	0	1	0	0	0	0	28
		2 cells		6 cells			5 cells					
		30 µm										

B



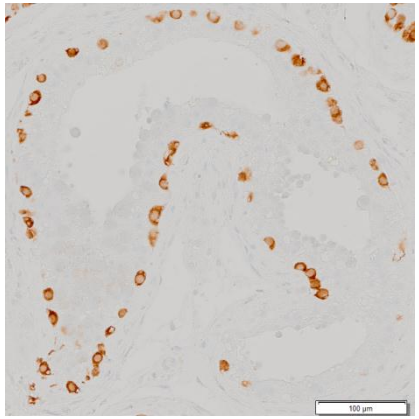
Clone no. 1-1_C39

A

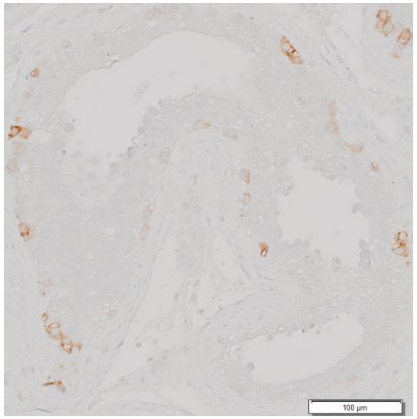
Clone no.	Location	Slide 28	Slide 29	Slide 30	Slide 31	Slide 32	Slide 33	Slide 34	Slide 35	Minimum number of cells
		MAGEA4	FGFR3	Ki67	MAGEA4	SSX	SAGE1	OCT2	MAGEA4	
1-1_C39	Periphery	0	0	0	0	1 18 cells 10 µm	1 17 cells	0	NA	35

B

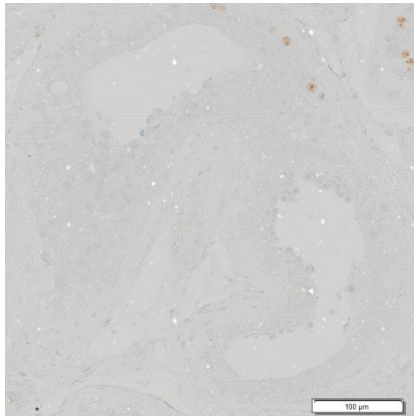
28. MAGEA4



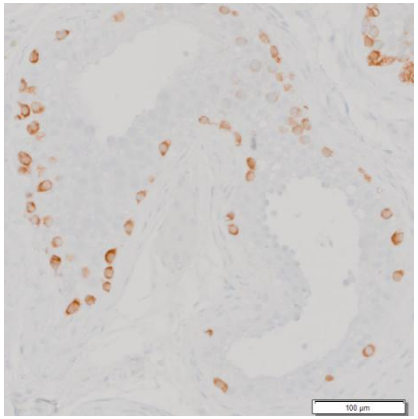
29. FGFR3



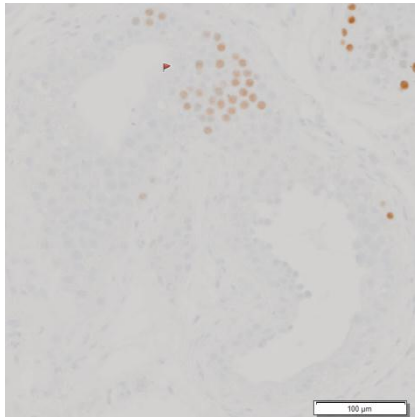
30. Ki67



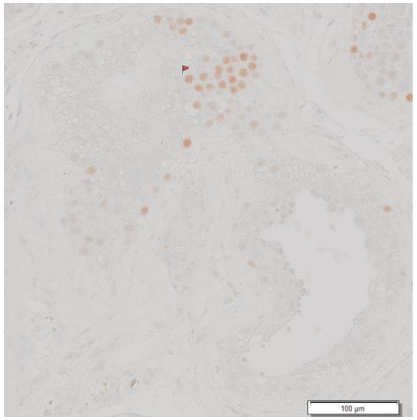
31. MAGEA4



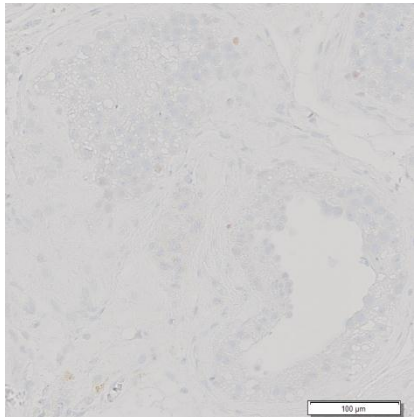
32. SSX



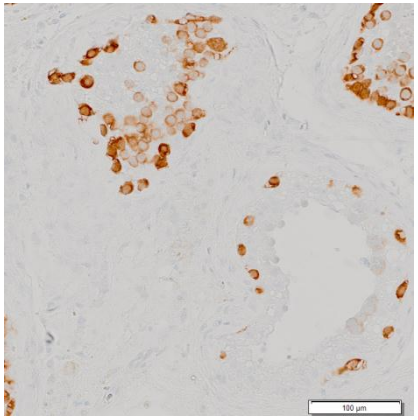
33. SAGE1



34. OCT2



35. MAGEA4



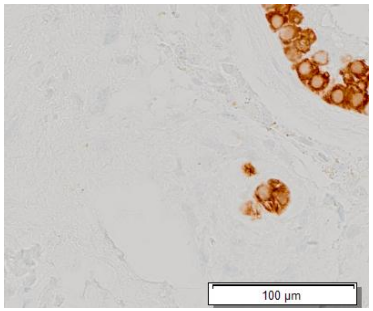
Clone no. 1-1_C40

A

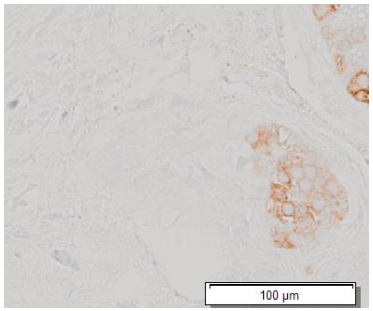
Clone no.	Location	Slide 28	Slide 29	Slide 30	Slide 31	Slide 32	Slide 33	Slide 34	Slide 35	Sldie 36	Sldie 37	Sldie 38	Sldie 39	Sldie 40	Slide 41	Minimum number of cells
		MAGEA4	FGFR3	Ki67	MAGEA4	SSX	SAGE1	OCT2	MAGEA4	n.s	n.s	n.s	n.s	n.s	MAGEA4	
1-1_C40	Periphery	0	0*	0	0*	1	1	0	1						0	124
			14 cells		15 cells	38 cells	20 cells		23 cells							
			35 µm													

B

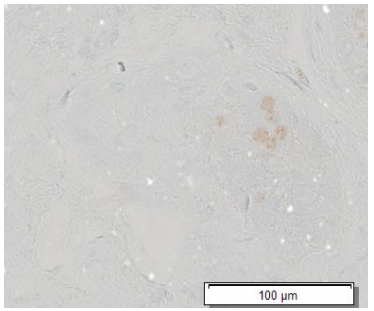
28. MAGEA4



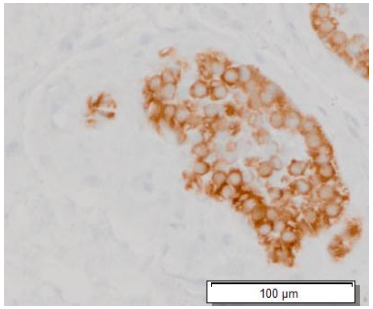
29. FGFR3



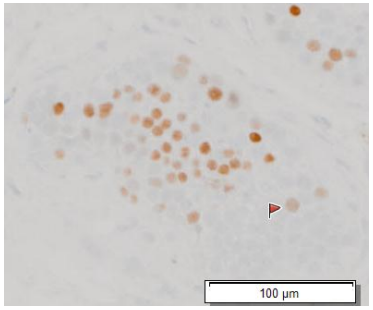
30. Ki67



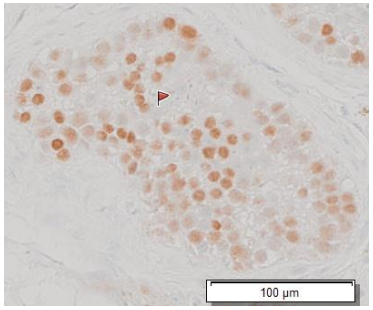
31. MAGEA4



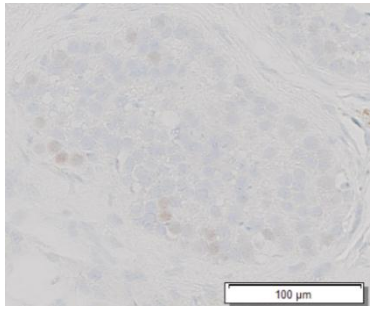
32. SSX



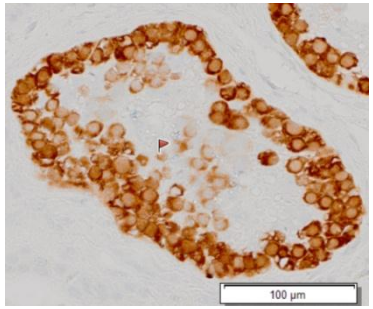
33. SAGE1



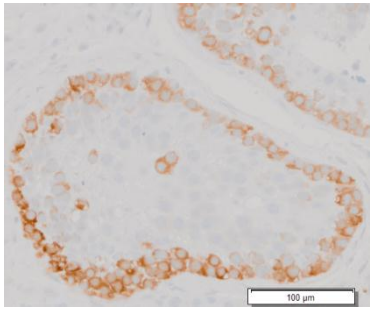
34. OCT2



35. MAGEA4



41 MAGEA4



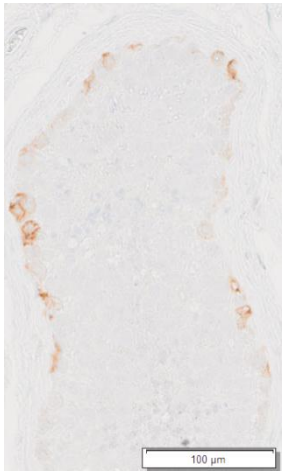
Clone no. 1-1_C41

A

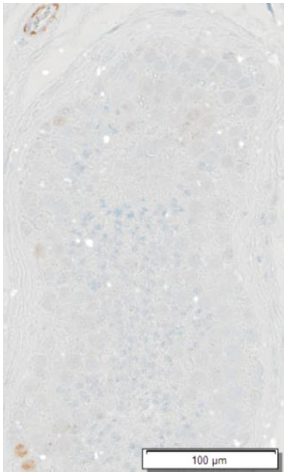
Clone no.	Location	Slide 29	Slide 30	Slide 31	Slide 32	Slide 33	Slide 34	Minimum number of cells
		FGFR3	Ki67	MAGEA4	SSX	SAGE1	OCT2	
1-1_C41	Centre	0	0	0	1 10 cells 10 µm	1 14 cells	0	24

B

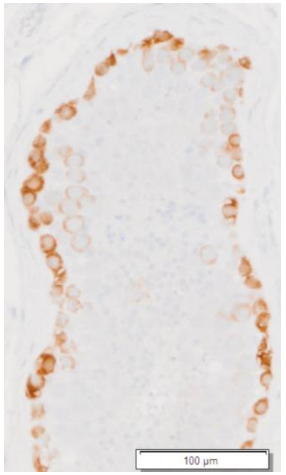
29. FGFR3



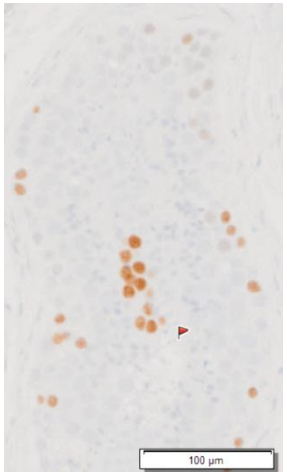
30. Ki67



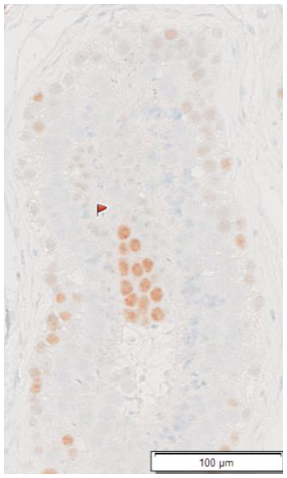
31. MAGEA4



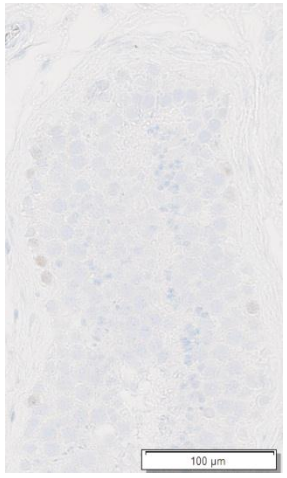
32. SSX



33. SAGE1



34. OCT2

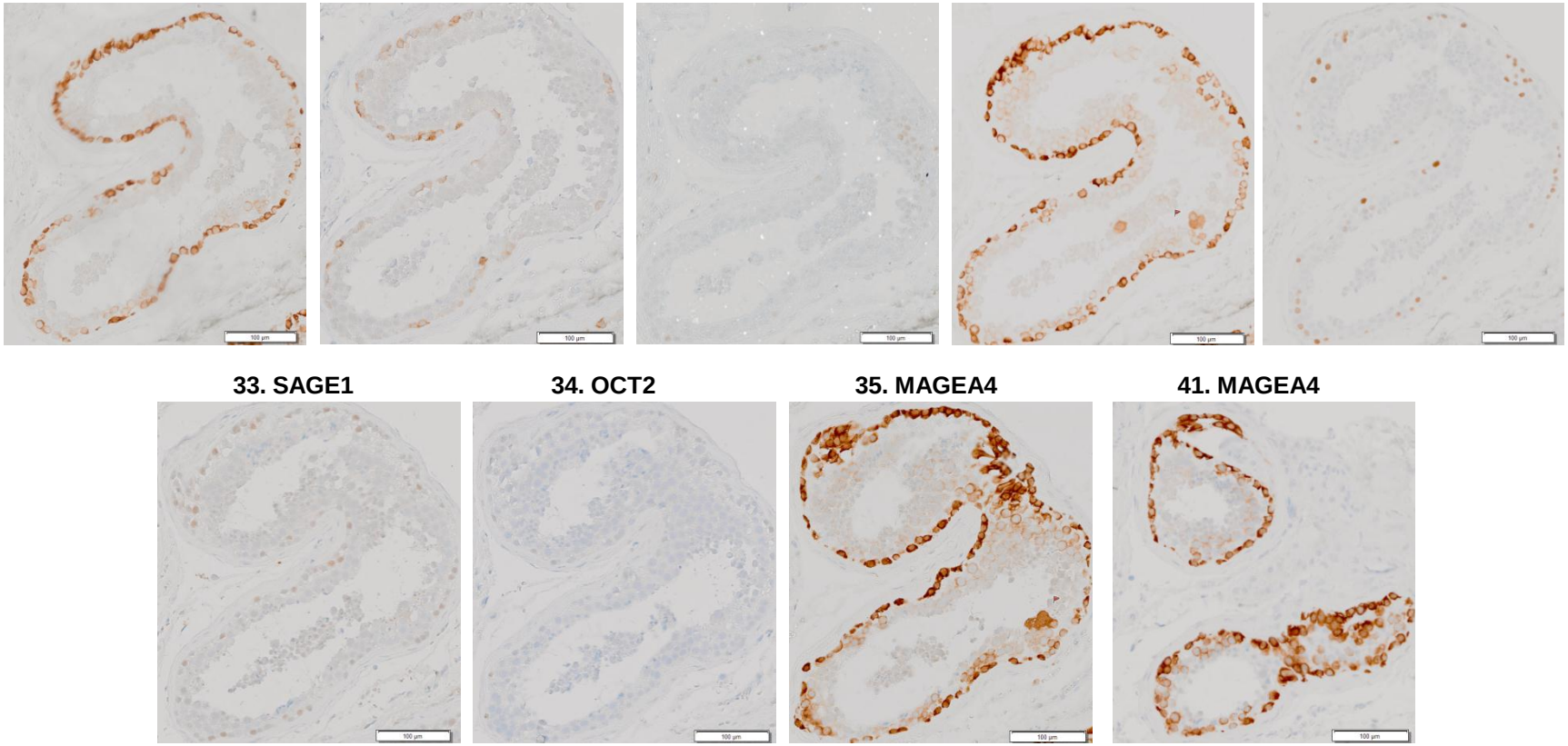


Clone no. 1-1_C42

A

Clone no.	Location	Slide 28	Slide 29	Slide 30	Slide 31	Slide 32	Slide 33	Slide 34	Slide 35	Slide 36	Slide 37	Slide 38	Slide 39	Slide 40	Slide 41	Minimum number of cells
		MAGEA4	FGFR3	Ki67	MAGEA4	SSX	SAGE1	OCT2	MAGEA4	n.s	n.s	n.s	n.s	n.s	MAGEA4	
1-1_C42	Near Periphery	0	0	0	1 3 cells	0	0	0	1 4 cells						0* 6 cells	49
					55 µm											

B



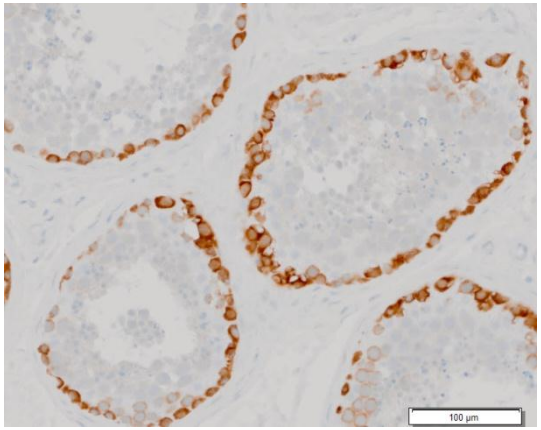
Clone no. 1-1_C43

A

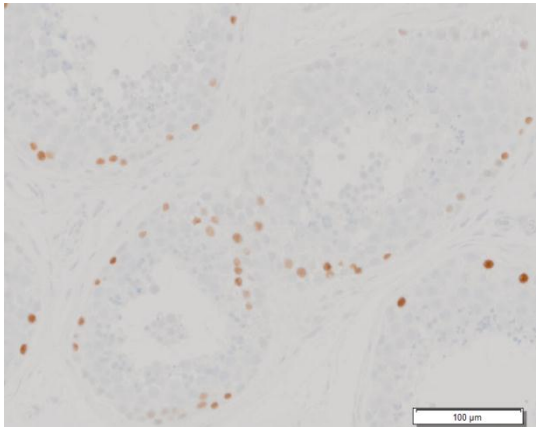
Clone no.	Location	Slide 31	Slide 32	Slide 33	Slide 34	Slide 35	Slide 36	Slide 37	Slide 38	Slide 39	Slide 40	Slide 41	Minimum number of cells
		MAGEA4	SSX	SAGE1	OCT2	MAGEA4	n.s	n.s	n.s	n.s	n.s	MAGEA4	
1-1_C43	Near Periphery	0	0	0	0	1 7 cells 35 µm						1 5 cells	42

B

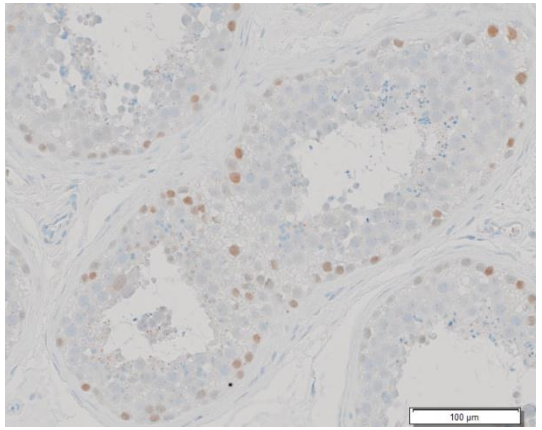
31. MAGEA4



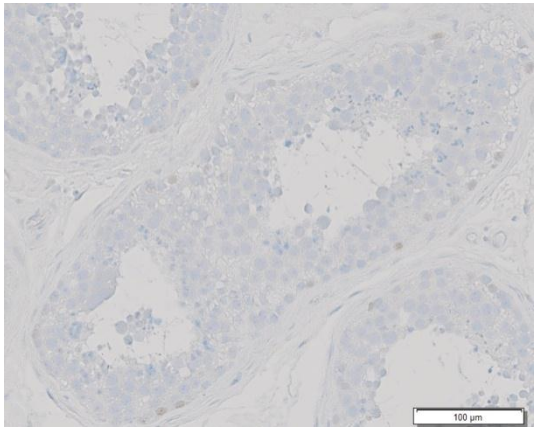
32. SSX



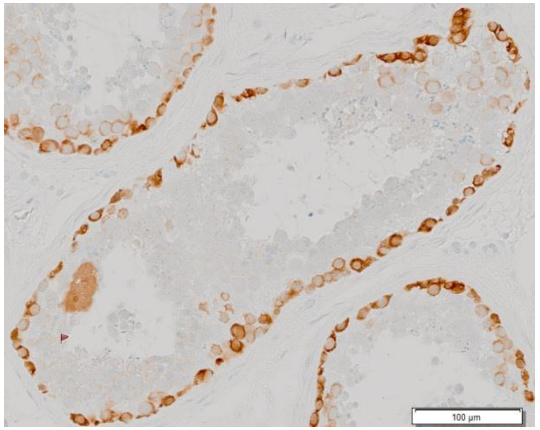
33. SAGE1



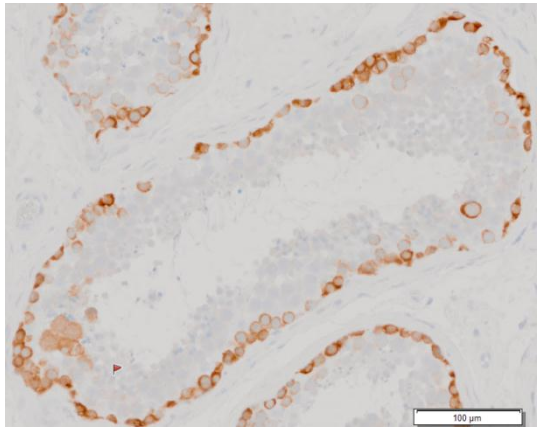
34. OCT2



35. MAGEA4



41. MAGEA4



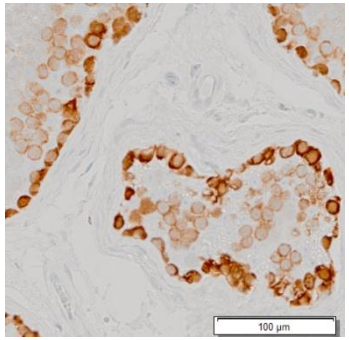
Clone no. 1-1_C44

A

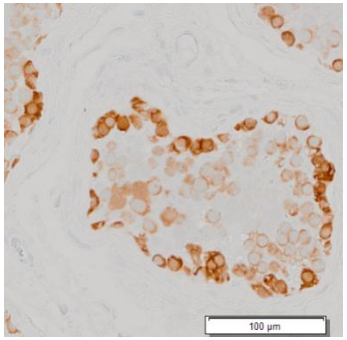
Clone no.	Location	Slide 23	Slide 24	Slide 25	Slide 26	Slide 27	Slide 28	Slide 29	Slide 30	Slide 31	Slide 32	Slide 33	Slide 34	Slide 35	Slide 36	Slide 37	Slide 38	Slide 39	Sldie 40	Slide 41	Minimum number of cells
		MAGEA4	Ki67	H&E	MAGEA4	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	SSX	SAGE1	OCT2	MAGEA4	n.s	n.s	n.s	n.s	n.s	MAGEA4	
1-1_C44	Near Periphery	NA			0*	0	0*	0	0	1	0	0	0	1						1	187
					2 cells		3 cells			10 cells				21 cells						10 cells	
					80 µm																

B

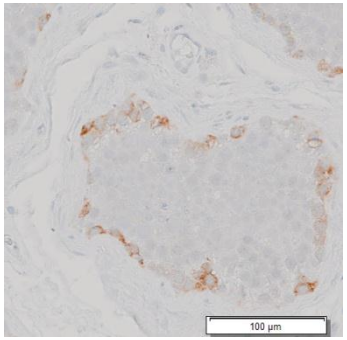
26. MAGEA4



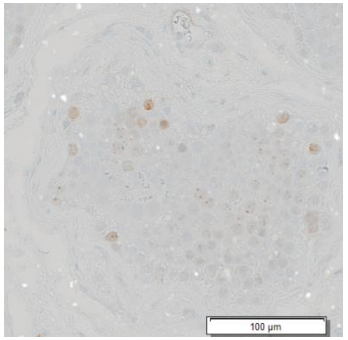
28. MAGEA4



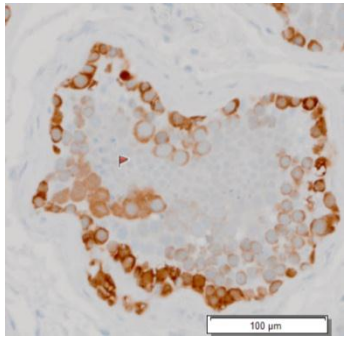
29. FGFR3



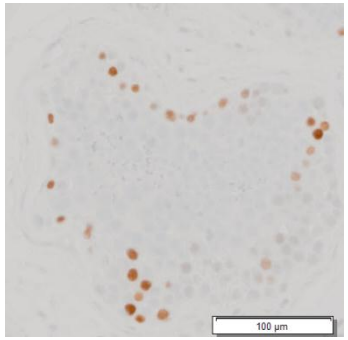
30. Ki67



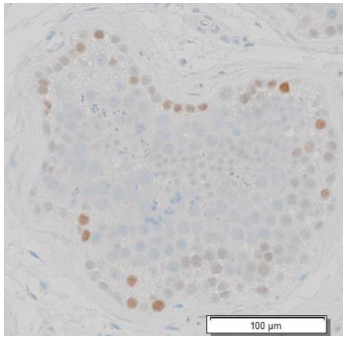
31. MAGEA4



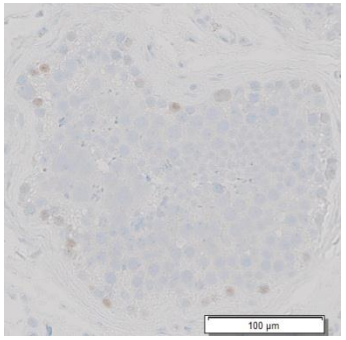
32. SSX



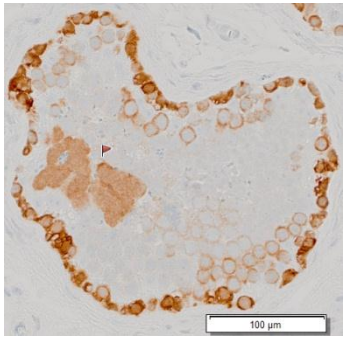
33. SAGE1



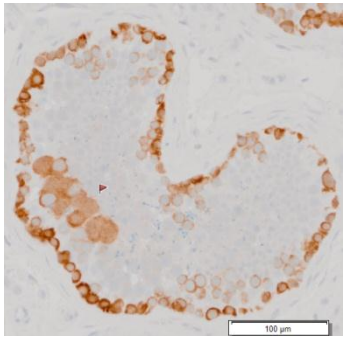
34. OCT2



35. MAGEA4



41. MAGEA4



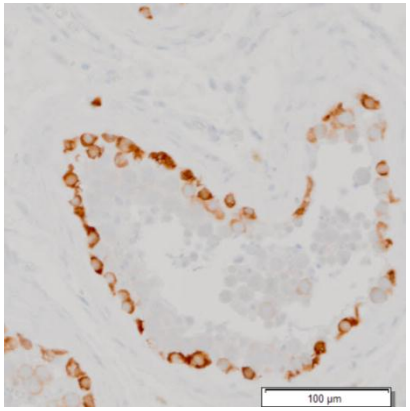
Clone no. 1-1_C45

A

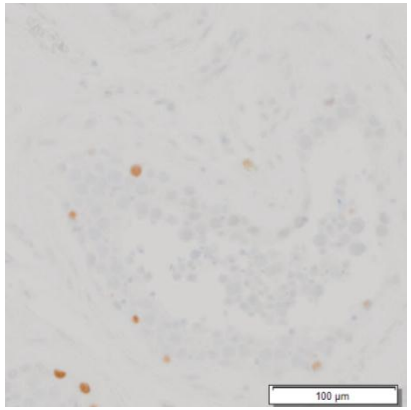
Clone no.	Location	Slide 31	Slide 32	Slide 33	Slide 34	Slide 35	Slide 36	Slide 37	Slide 38	Slide 39	Slide 40	Slide 41	Minimum number of cells
		MAGEA4	SSX	SAGE1	OCT2	MAGEA4	n.s	n.s	n.s	n.s	n.s	MAGEA4	
1-1_C45	Centre	0	0	1 4 cells	0	1 12 cells						1 5 cells	72
				45 µm									

B

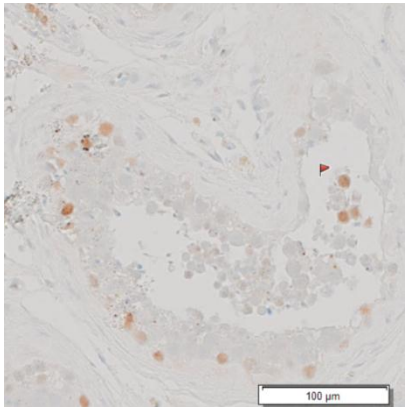
31. MAGEA4



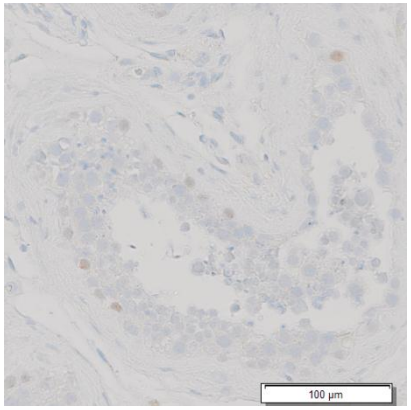
32. SSX



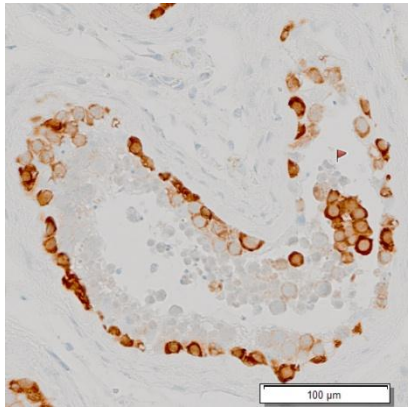
33. SAGE1



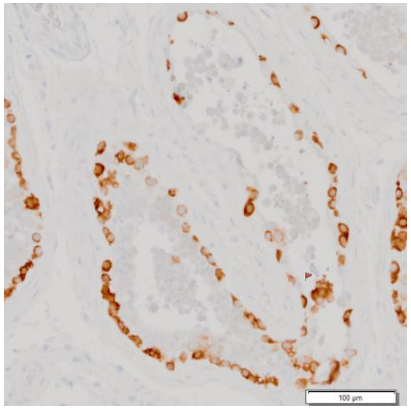
34. OCT2



35. MAGEA4



41. MAGEA4



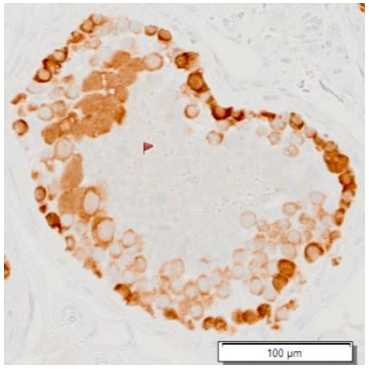
Clone no. 1-2_C1

A

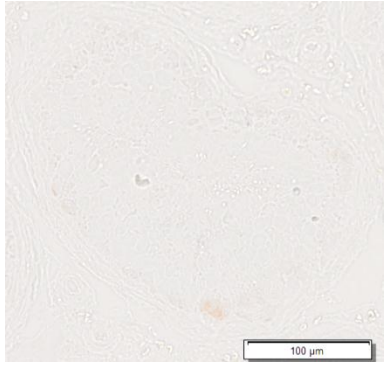
Clone no.	Location	Slide 168	Slide 169	Slide 170	Slide 171	Slide 172	Slide 173	Slide 174	Slide 175	Slide 176	Slide 177	Slide 178	Slide 179	Slide 180	Slide 181	Minimum number of cells
		MAGEA4	FGFR3	Ki67	MAGEA4	SSX	SAGE1	OCT2	MAGEA4	n.s	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	
1-2_C1	Centre	1 20 cells	0	0	1 22 cells	0	0	0	1 15 cells			0* 5 cells			0	180
		55 µm														

B

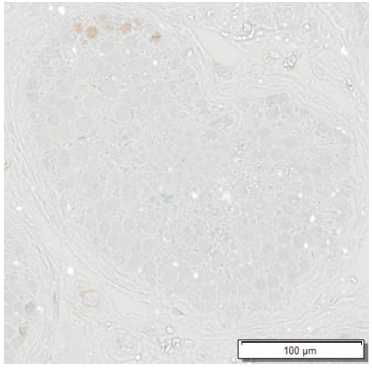
168. MAGEA4



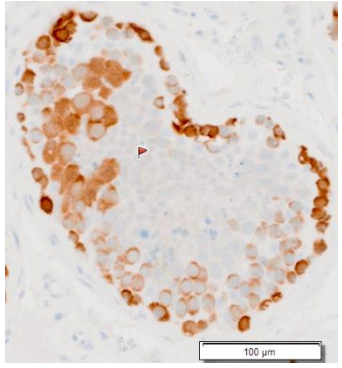
169. FGFR3



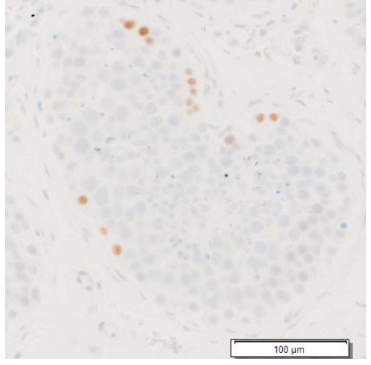
170. Ki67



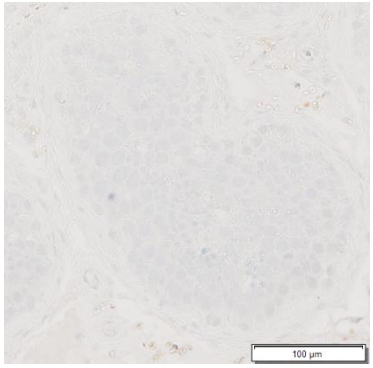
171. MAGEA4



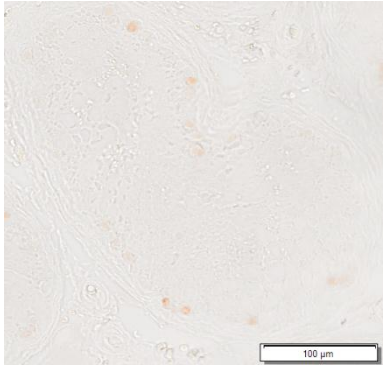
172. SSX



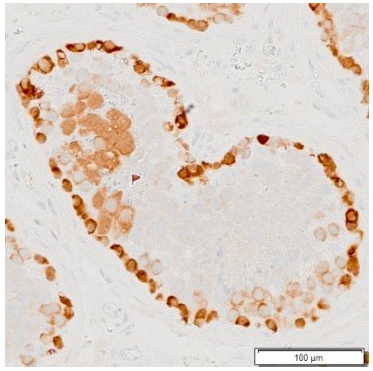
173. SAGE1



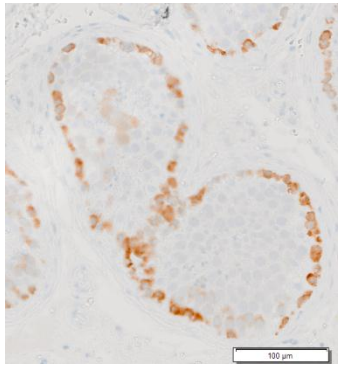
174. OCT2



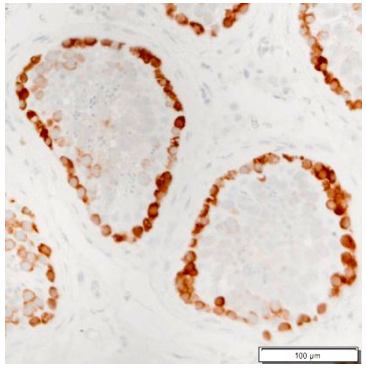
175. MAGEA4



178. MAGEA4



181. MAGEA4

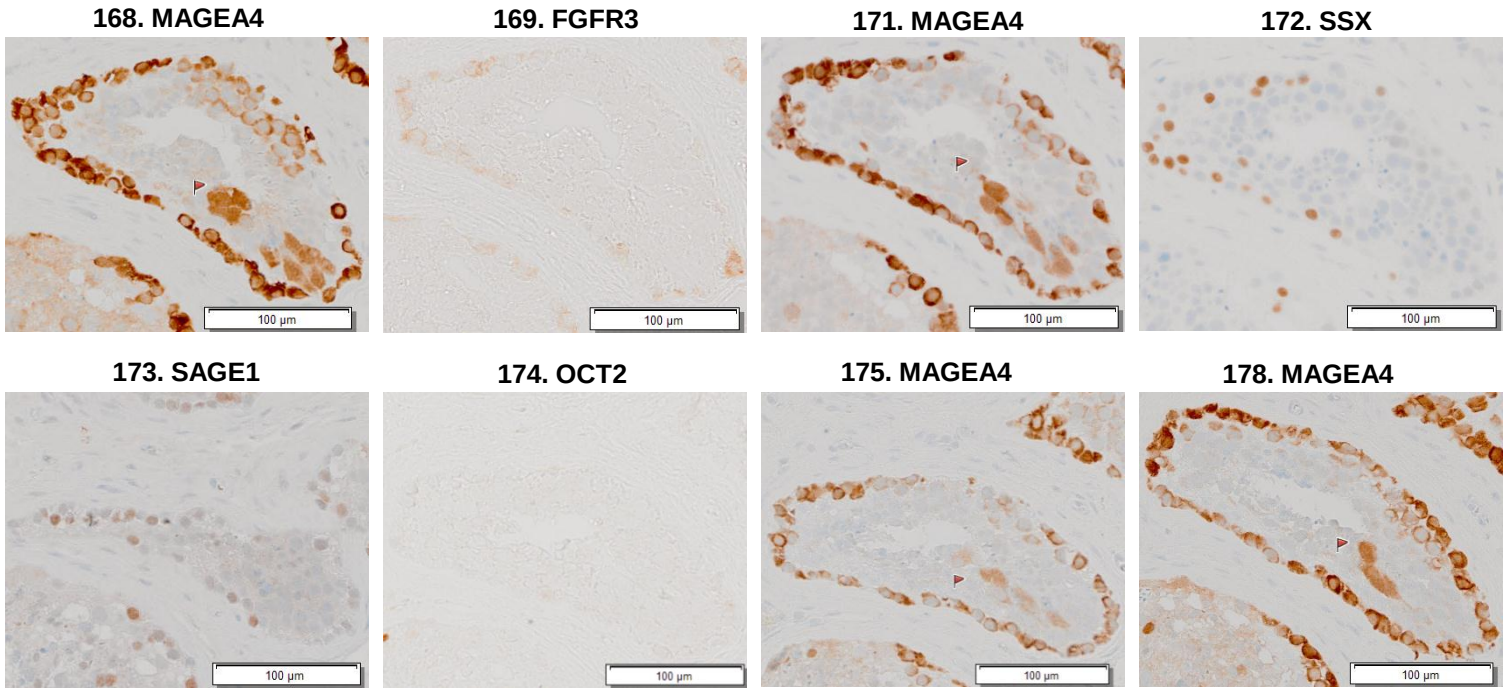


Clone no. 1-2_C2

A

Clone no.	Location	Slide 168	Slide 169	Slide 170	Slide 171	Slide 172	Slide 173	Slide 174	Slide 175	Slide 176	Slide 177	Slide 178	Slide 179	Slide 180	Slide 181	Minimum number of cells
		MAGEA4	FGFR3	Ki67	MAGEA4	SSX	SAGE1	OCT2	MAGEA4	n.s	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	
1-2_C2	Near Periphery	1 9 cells	0	NA	1 6 cells	0	0	0	1 3 cells			1 4 cells			0	58
		55 µm														

B

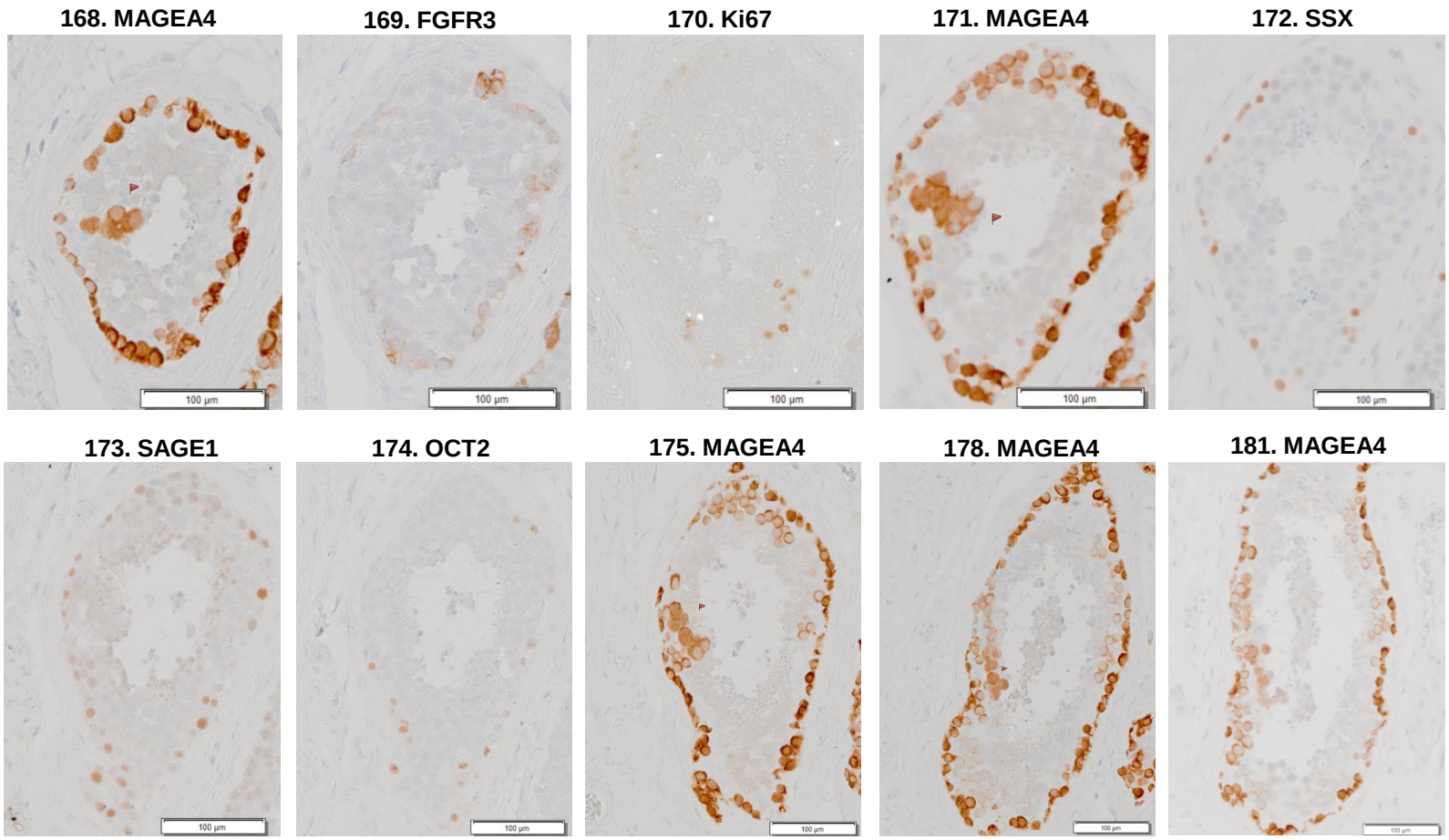


Clone no. 1-2_C3

A

Clone no.	Location	Slide 168	Slide 169	Slide 170	Slide 171	Slide 172	Slide 173	Slide 174	Slide 175	Slide 176	Slide 177	Slide 178	Slide 179	Slide 180	Slide 181	Slide 182	Slide 183	Slide 184	Slide 185	Minimum number of cells
		MAGEA4	FGFR3	Ki67	MAGEA4	SSX	SAGE1	OCT2	MAGEA4	n.s	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	SSX	FGFR3	n.s	MAGEA4	
1-2_C3	Centre	1 5 cells	0	0	1 7 cells	0	0	0	1 6 cells			1 7 cells			0* 5 cells				0	87
		70 µm																		

B



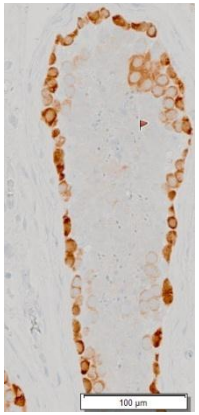
Clone no. 1-2_C4

A

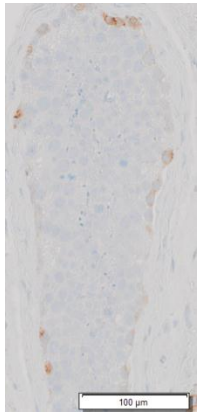
Clone no.	Location	Slide 168	Slide 169	Slide 170	Slide 171	Slide 172	Slide 173	Slide 174	Slide 175	Slide 176	Slide 177	Slide 178	Minimum number of cells
		MAGEA4	FGFR3	Ki67	MAGEA4	SSX	SAGE1	OCT2	MAGEA4	n.s	OCT2	MAGEA4	
1-2_C4	Periphery	1 5 cells	0	0	1 5 cells	0	0	0	1 9 cells			0	50
		40 μm											

B

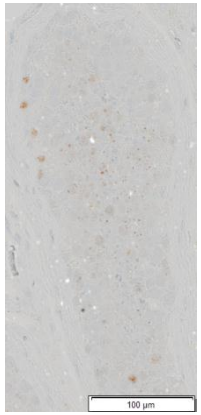
168. MAGEA4



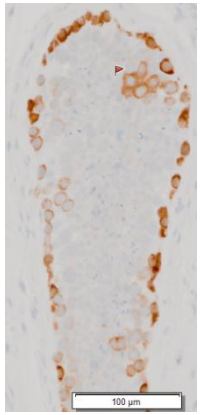
169. FGFR3



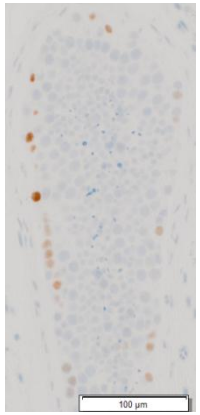
170. Ki67



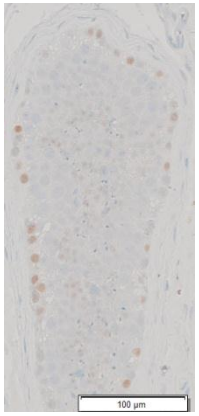
171. MAGEA4



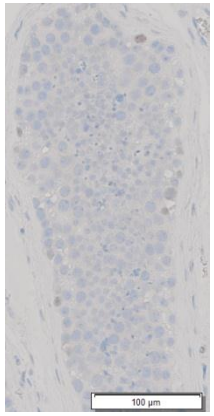
172. SSX



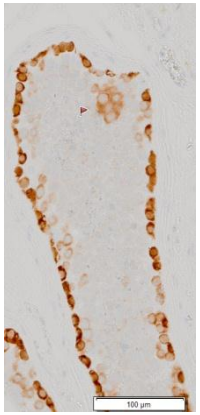
173. SAGE1



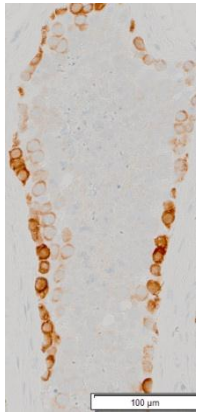
174. OCT2



175. MAGEA4



178. MAGEA4



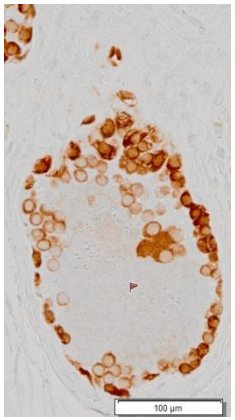
Clone no. 1-2_C5

A

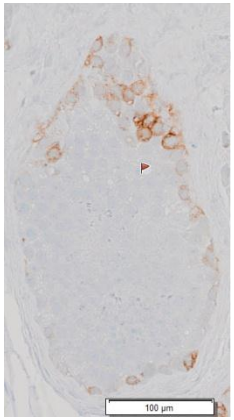
Clone no.	Location	Slide 168	Slide 169	Slide 170	Slide 171	Slide 172	Slide 173	Slide 174	Slide 175	Slide 176	Slide 177	Slide 178	Slide 179	Slide 180	Slide 181	Minimum number of cells
		MAGEA4	FGFR3	Ki67	MAGEA4	SSX	SAGE1	OCT2	MAGEA4	n.s	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	
1-2_C5	Near Periphery	1 3 cells	0	0	1 4 cells	0	0	0	1 5 cells			1 3 cells			0	44
		55 µm														

B

168. MAGEA4

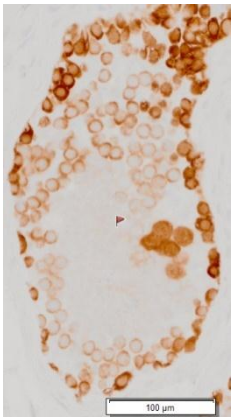


169. FGFR3

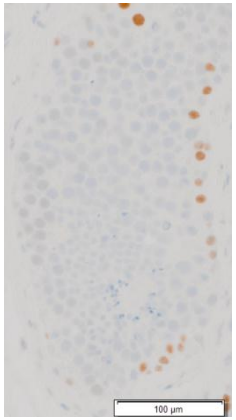


170. Ki67

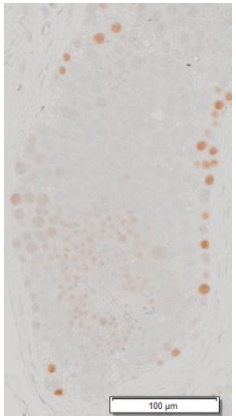
171. MAGEA4



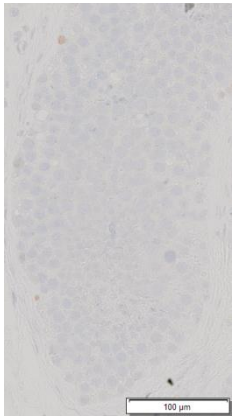
172. SSX



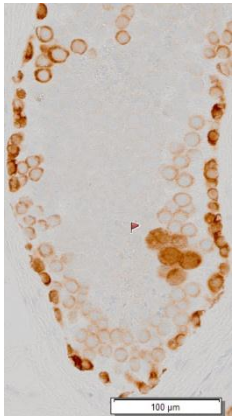
173. SAGE1



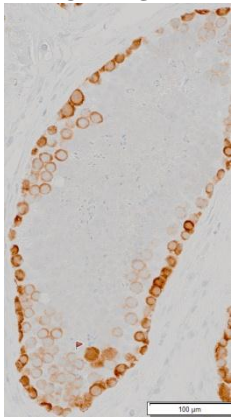
174. OCT2



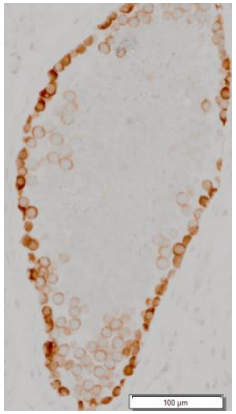
175. MAGEA4



178. MAGEA4



181. MAGEA4

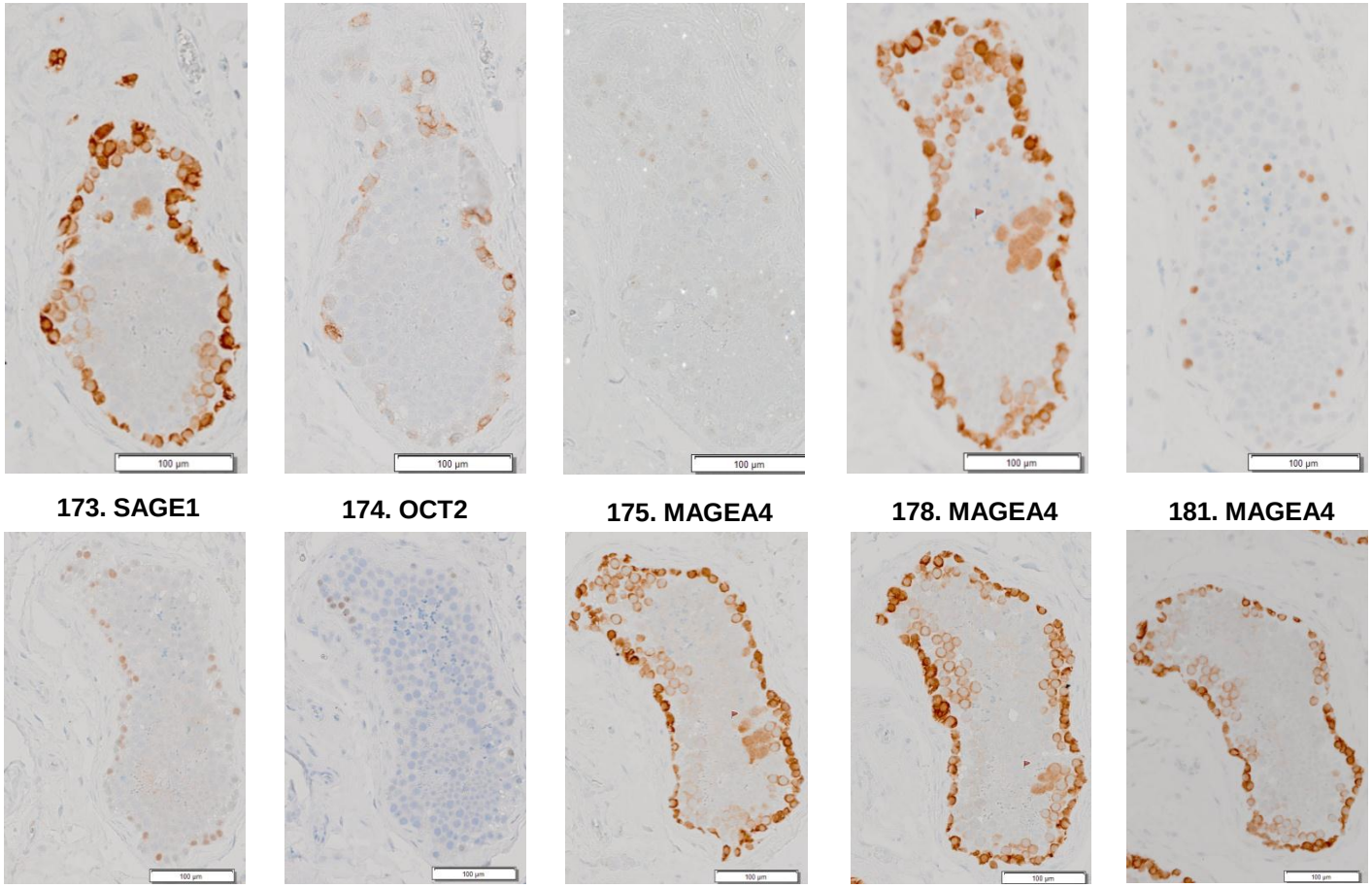


Clone no. 1-2_C6

A

Clone no.	Location	Slide 168	Slide 169	Slide 170	Slide 171	Slide 172	Slide 173	Slide 174	Slide 175	Slide 176	Slide 177	Slide 178	Slide 179	Slide 180	Slide 181	Minimum number of cells
		MAGEA4	FGFR3	Ki67	MAGEA4	SSX	SAGE1	OCT2	MAGEA4	n.s	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	
1-2_C6	Near Periphery	0*	0	0	1	0	0	0	1			1			0	
		1 cell			8 cells				7 cells			5 cells				65
		55 µm														

B

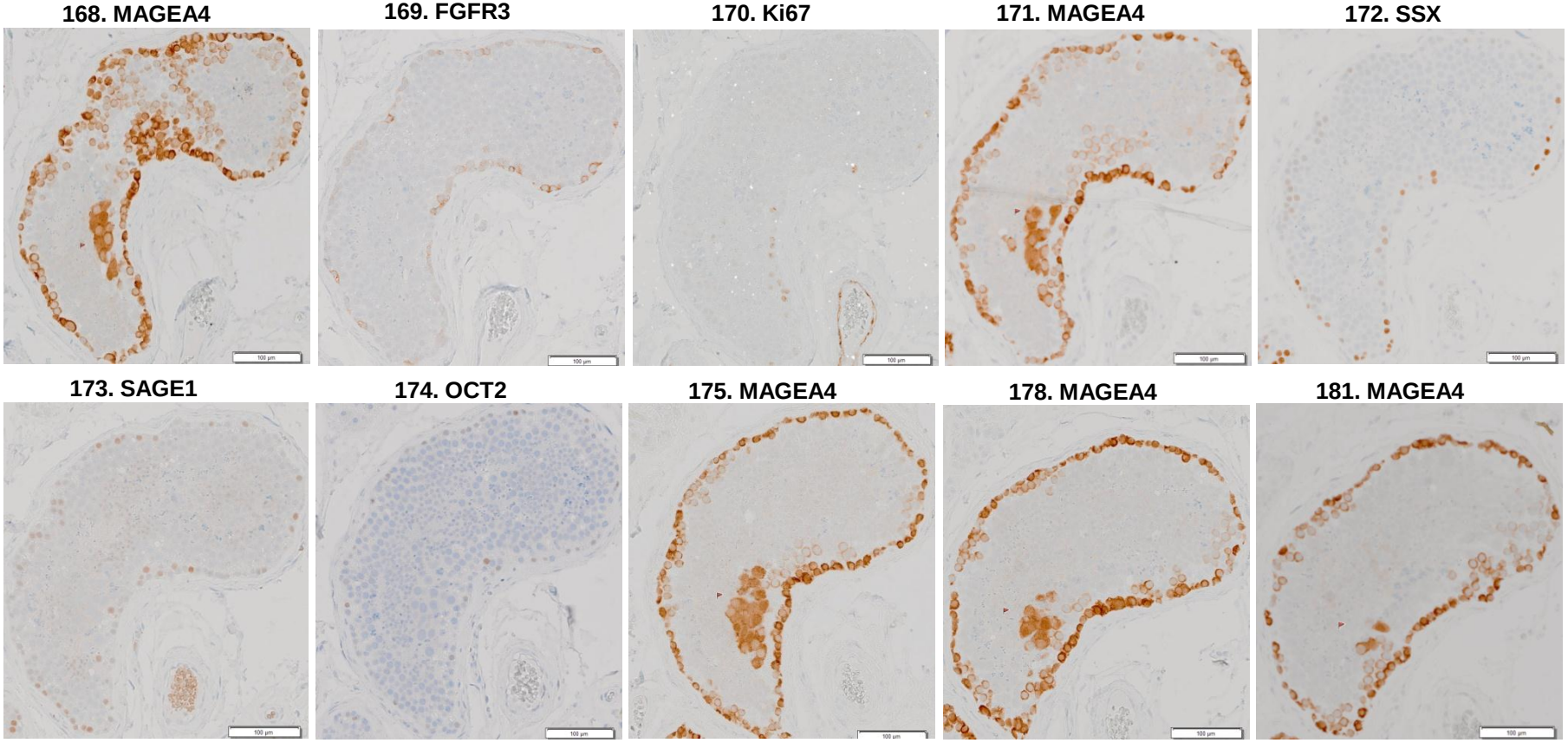


Clone no. 1-2_C7

A

Clone no.	Location	Slide 168	Slide 169	Slide 170	Slide 171	Slide 172	Slide 173	Slide 174	Slide 175	Slide 176	Slide 177	Slide 178	Slide 179	Slide 180	Slide 181	Minimum number of cells
		MAGEA4	FGFR3	Ki67	MAGEA4	SSX	SAGE1	OCT2	MAGEA4	n.s	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	
1-2_C7	Near Periphery	1 13 cells	0	0	1 10 cells	0	0	0	1 19 cells			1 6 cells			1 3 cells	152
		70 µm														

B

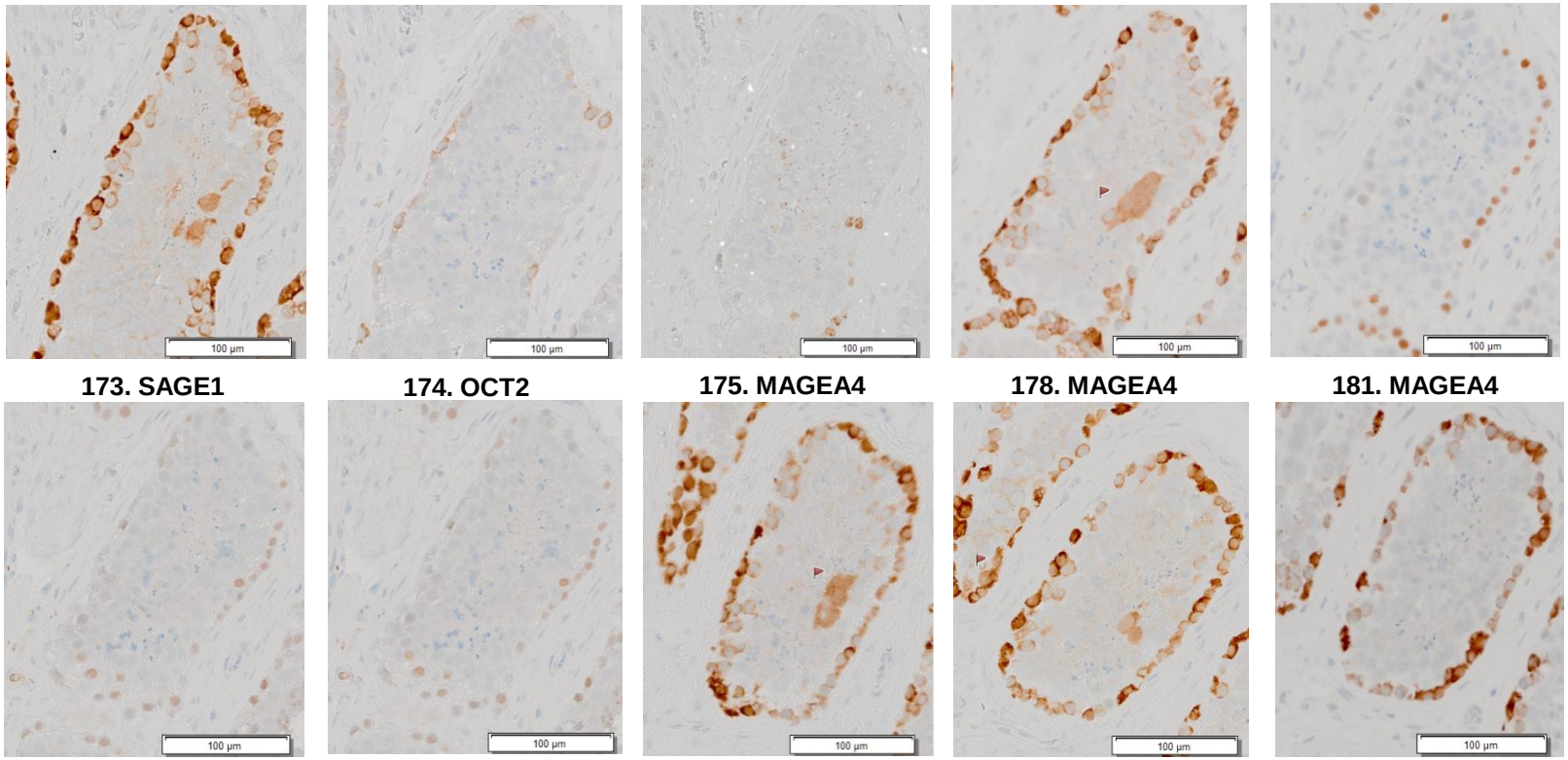


Clone no. 1-2_C8

A

Clone no.	Location	Slide 168	Slide 169	Slide 170	Slide 171	Slide 172	Slide 173	Slide 174	Slide 175	Slide 176	Slide 177	Slide 178	Slide 179	Slide 180	Slide 181	Minimum number of cells
		MAGEA4	FGFR3	Ki67	MAGEA4	SSX	SAGE1	OCT2	MAGEA4	n.s	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	
1-2_C8	Near Periphery	0*	0	0	1	0	0	0	1			0*			0	40
		2 cells			6 cells				3 cells			2 cells				
		55 µm														

B



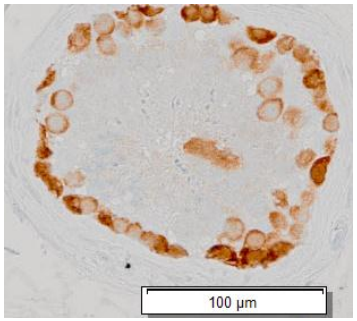
Clone no. 1-2_C9

A

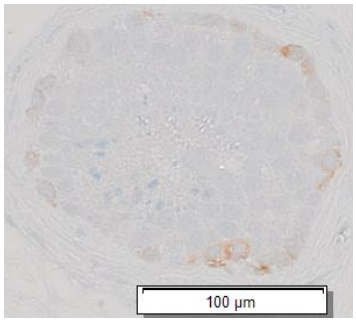
Clone no.	Location	Slide 168	Slide 169	Slide 170	Slide 171	Slide 172	Slide 173	Slide 174	Slide 175	Slide 176	Slide 177	Slide 178	Minimum number of cells
		MAGEA4	FGFR3	Ki67	MAGEA4	SSX	SAGE1	OCT2	MAGEA4	n.s	OCT2	MAGEA4	
1-2_C9	Centre	0*	0	0	1	0	0	0	1			1	54
		2 cells			4 cells				6 cells			7 cells	
		55 µm											

B

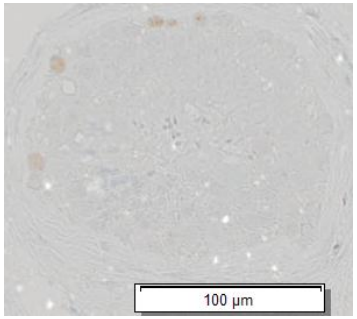
168. MAGEA4



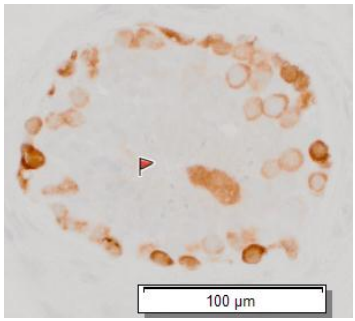
169. FGFR3



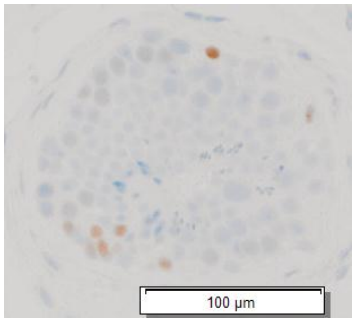
170. Ki67



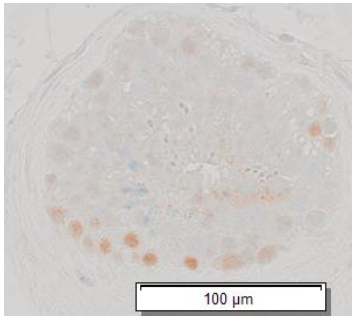
171. MAGEA4



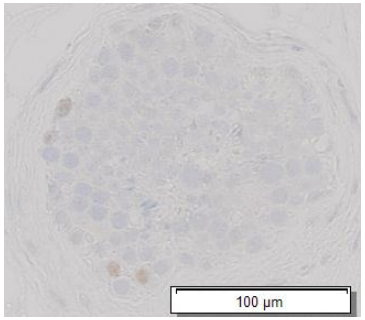
172. SSX



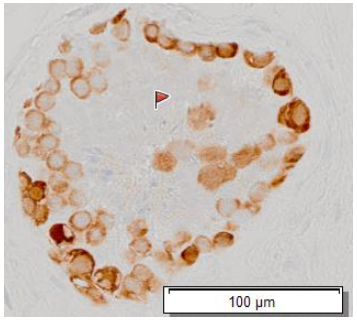
173. SAGE1



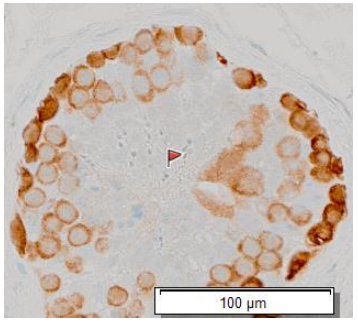
174. OCT2



175. MAGEA4



178. MAGEA4

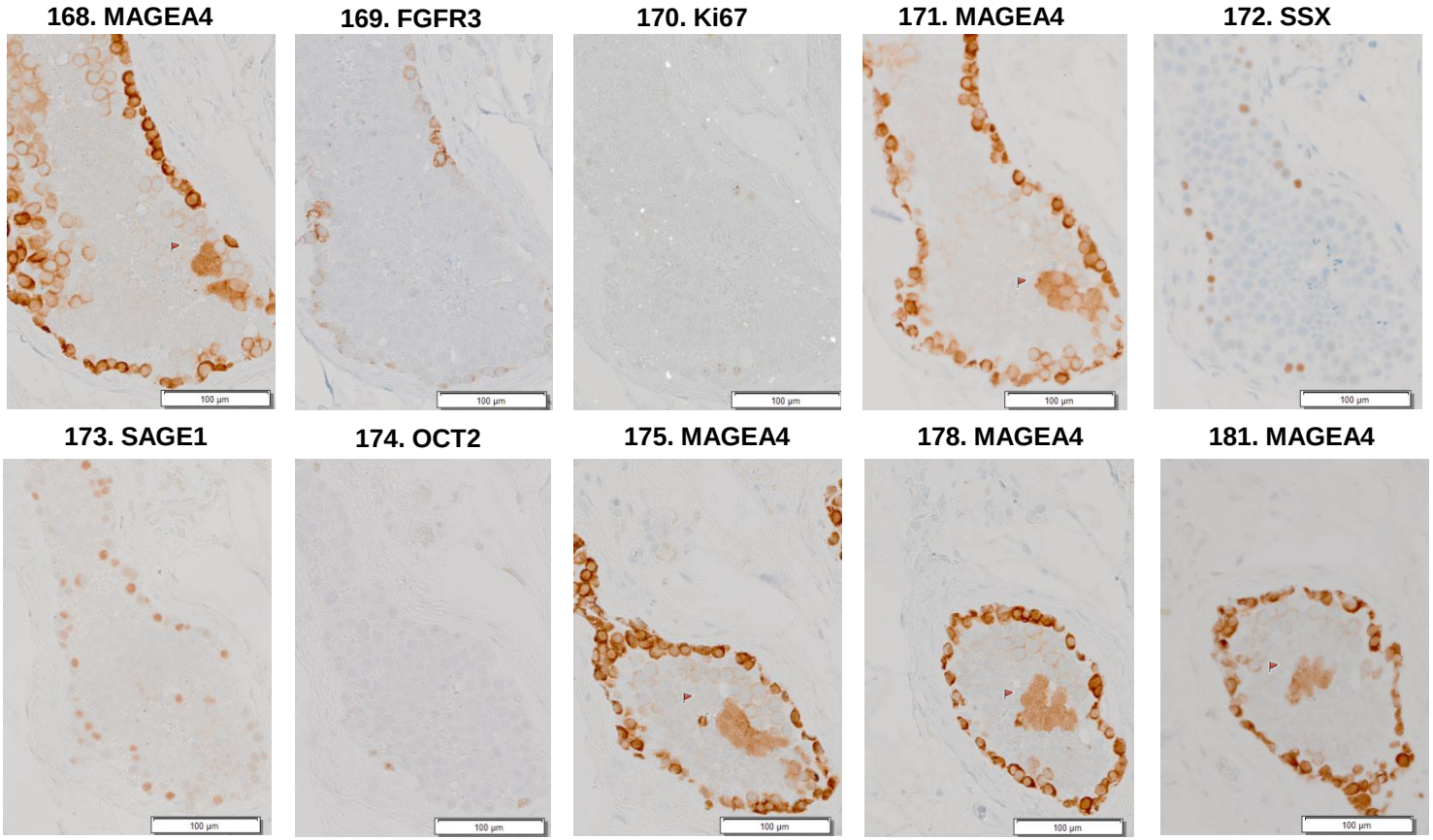


Clone no. 1-2_C10

A

Clone no.	Location	Slide 168	Slide 169	Slide 170	Slide 171	Slide 172	Slide 173	Slide 174	Slide 175	Slide 176	Slide 177	Slide 178	Slide 179	Slide 180	Slide 181	Slide 182	Slide 183	Slide 184	Slide 185	Minimum number of cells
		MAGEA4	FGFR3	Ki67	MAGEA4	SSX	SAGE1	OCT2	MAGEA4	n.s	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	SSX	FGFR3	n.s	MAGEA4	
1-2_C10	Centre	1 5 cells	0	0	1 9 cells	0	0	0	1 9 cells			1 14 cells			1 8 cells				0	131
		70 µm																		

B



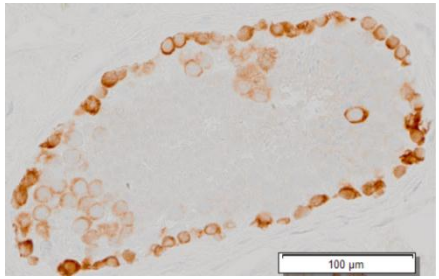
Clone no. 1-2_C11

A

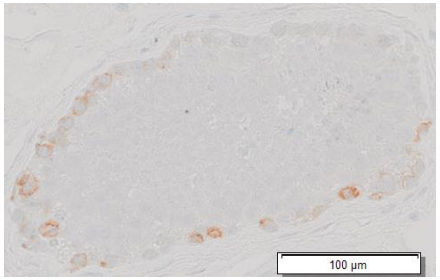
Clone no.	Location	Slide 168	Slide 169	Slide 170	Slide 171	Slide 172	Slide 173	Slide 174	Slide 175	Slide 176	Slide 177	Slide 178	Minimum number of cells
		MAGEA4	FGFR3	Ki67	MAGEA4	SSX	SAGE1	OCT2	MAGEA4	n.s	OCT2	MAGEA4	
1-2_C11	Centre & periphery	0*	0	0	1	0	0	0	1			NA	58
		2 cells			11 cells				6 cells				
		40 µm											

B

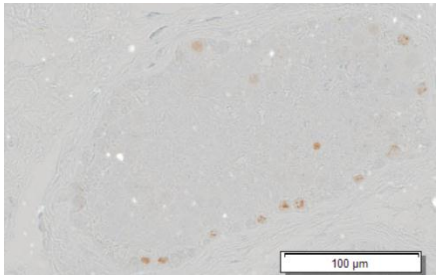
168. MAGEA4



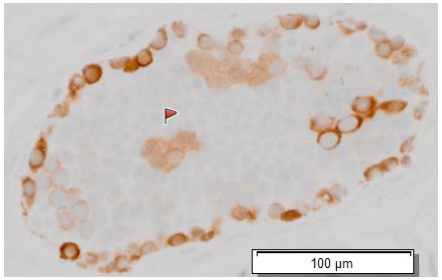
169. FGFR3



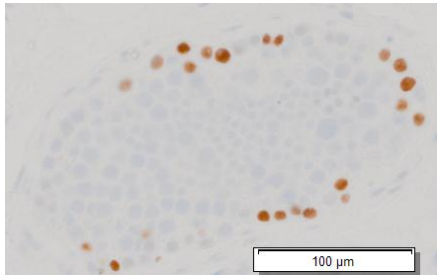
170. Ki67



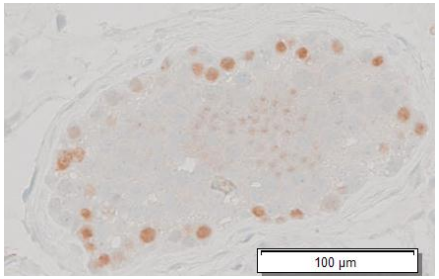
171. MAGEA4



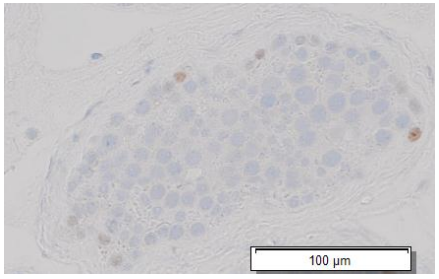
172. SSX



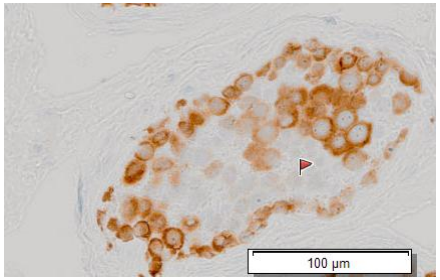
173. SAGE1



174. OCT2



175. MAGEA4



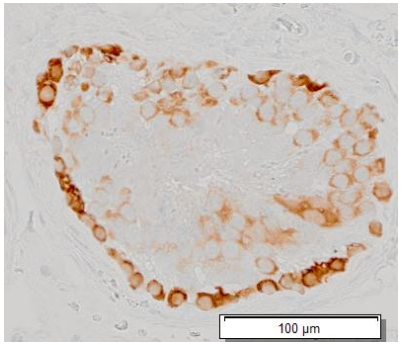
Clone no. 1-2_C12

A

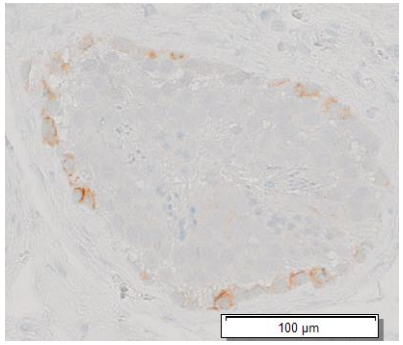
Clone no.	Location	Slide 168	Slide 169	Slide 170	Slide 171	Slide 172	Slide 173	Slide 174	Slide 175	Slide 176	Slide 177	Slide 178	Minimum number of cells
		MAGEA4	FGFR3	Ki67	MAGEA4	SSX	SAGE1	OCT2	MAGEA4	n.s	OCT2	MAGEA4	
1-2_C12	Near Periphery	0*	0	0	1	0	0	0	1			NA	41
		1 cell			6 cells				7 cells				
		40 µm											

B

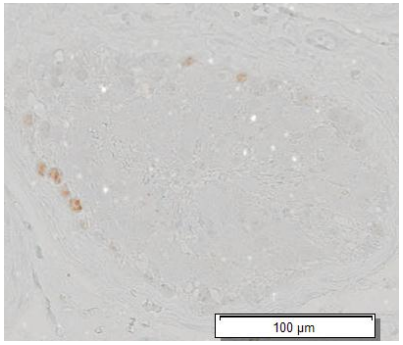
168. MAGEA4



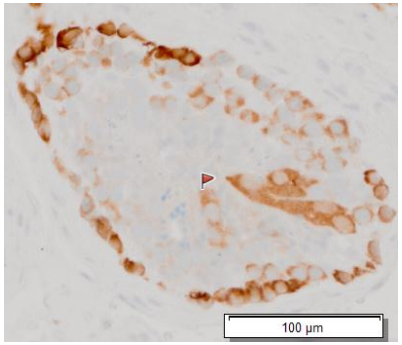
169. FGFR3



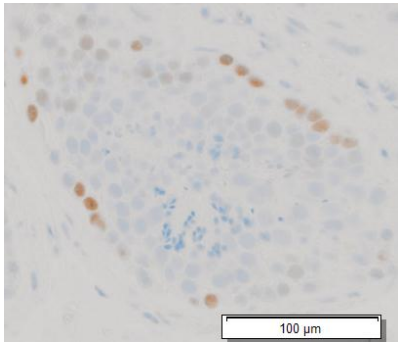
170. Ki67



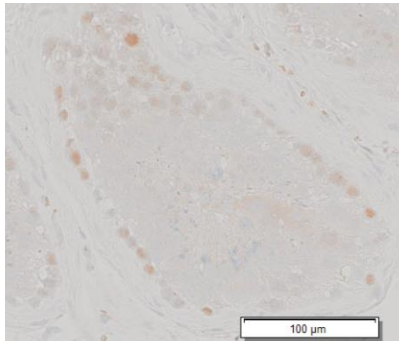
171. MAGEA4



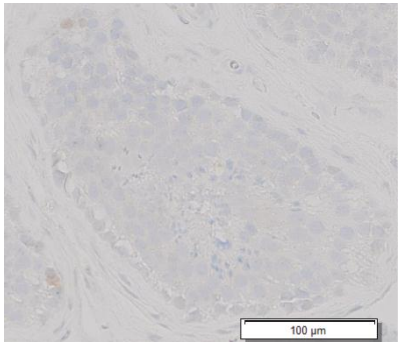
172. SSX



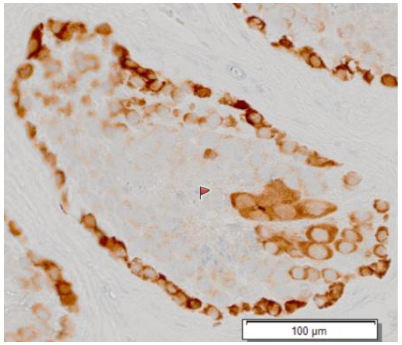
173. SAGE1



174. OCT2



175. MAGEA4



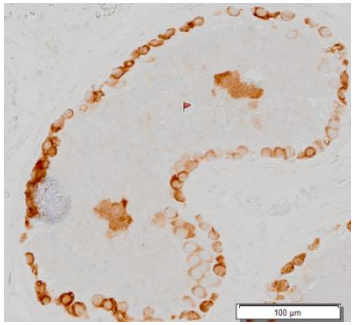
Clone no. 1-2_C13

A

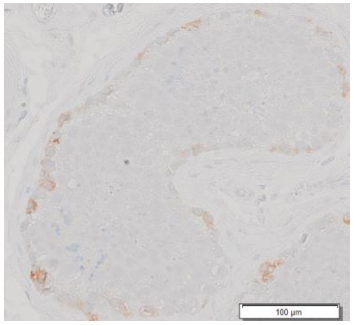
Clone no.	Location	Slide 168	Slide 169	Slide 170	Slide 171	Slide 172	Slide 173	Slide 174	Slide 175	Slide 176	Slide 177	Slide 178	Slide 179	Slide 180	Slide 181	Minimum number of cells
		MAGEA4	FGFR3	Ki67	MAGEA4	SSX	SAGE1	OCT2	MAGEA4	n.s	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	
1-2_C13	Centre	1	0	0	1	0	0	0	1			1			0	63
		8 cells			4 cells				7 cells			4 cells				
		55 µm														

B

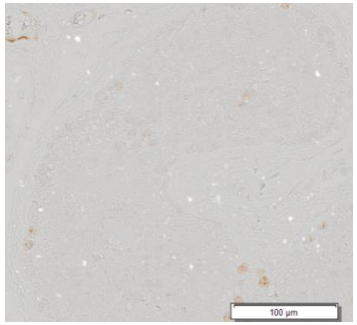
168. MAGEA4



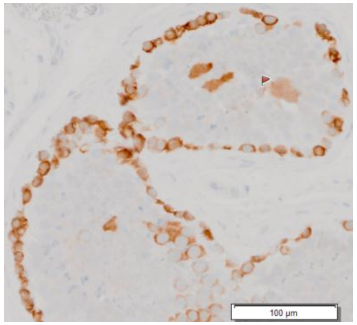
169. FGFR3



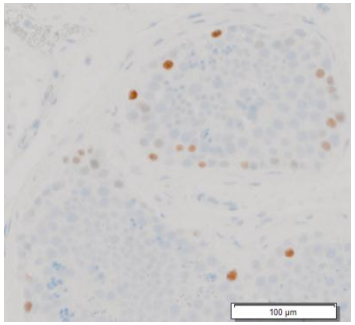
170. Ki67



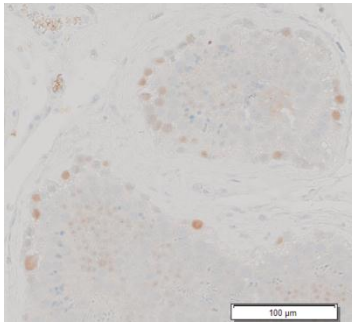
171. MAGEA4



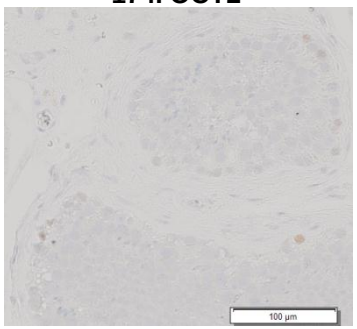
172. SSX



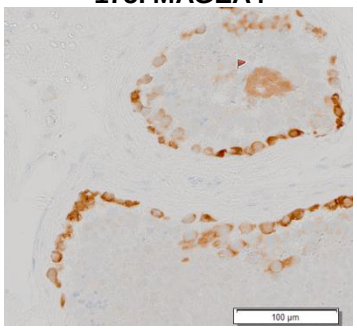
173. SAGE1



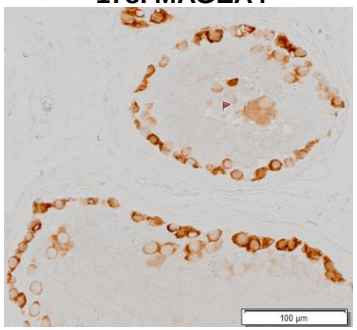
174. OCT2



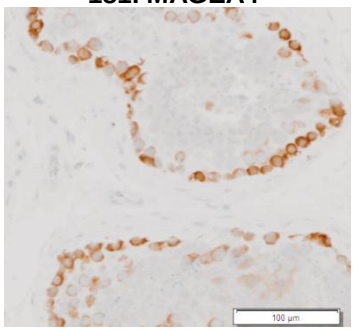
175. MAGEA4



178. MAGEA4



181. MAGEA4



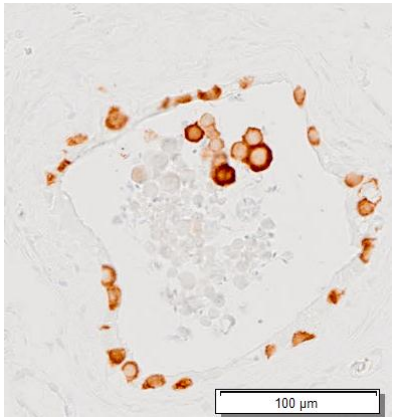
Clone no. 1-2_C14

A

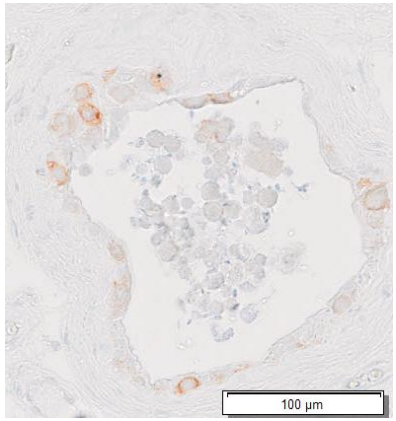
Clone no.	Location	Slide 168	Slide 169	Slide 170	Slide 171	Slide 172	Slide 173	Slide 174	Slide 175	Minimum number of cells
		MAGEA4	FGFR3	Ki67	MAGEA4	SSX	SAGE1	OCT2	MAGEA4	
1-2_C14	Centre	0* 7 cells	0	0	1 12 cells	1 13 cells	0* 7 cells	0	NA	58
		30 µm								

B

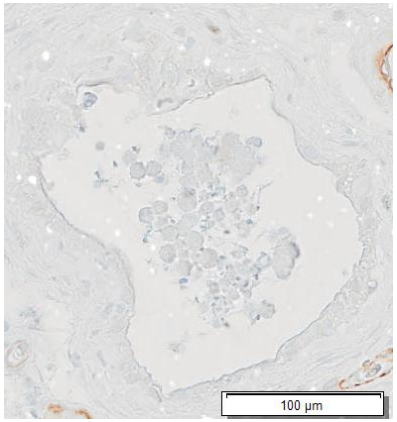
168. MAGEA4



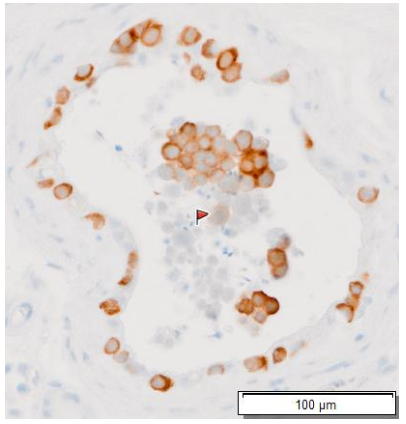
169. FGFR3



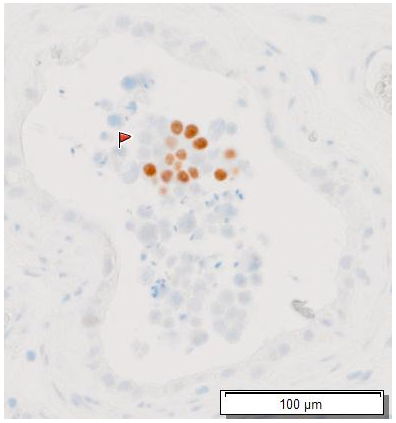
170. Ki67



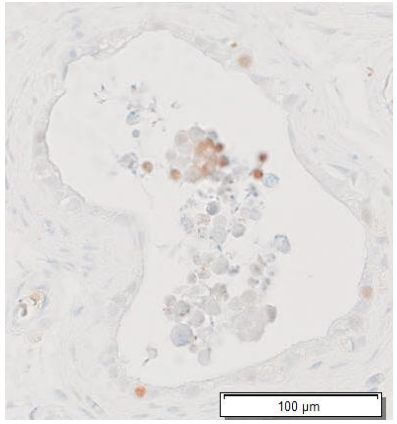
171. MAGEA4



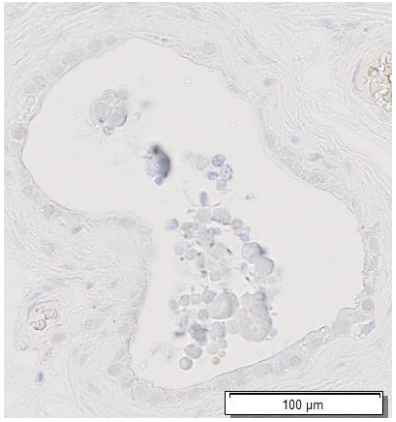
172. SSX



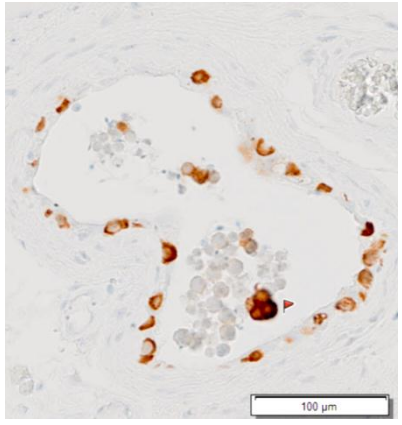
173. SAGE1



174. OCT2



175. MAGEA4



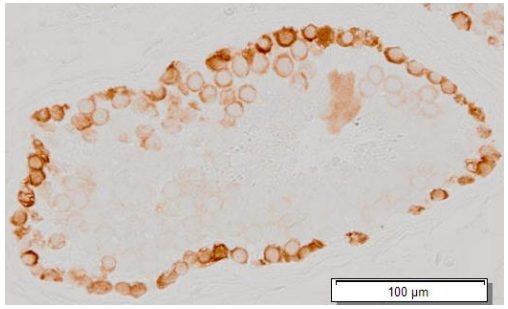
Clone no. 1-2_C15

A

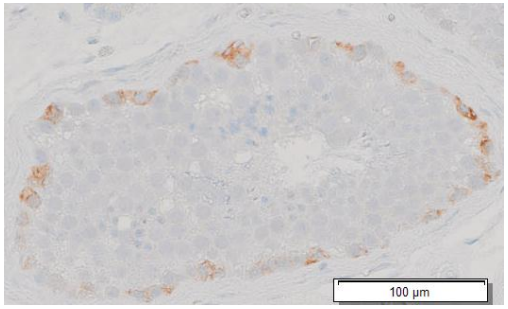
Clone no.	Location	Slide 168	Slide 169	Slide 170	Slide 171	Slide 172	Slide 173	Slide 174	Slide 175	Slide 176	Slide 177	Slide 178	Minimum number of cells
		MAGEA4	FGFR3	Ki67	MAGEA4	SSX	SAGE1	OCT2	MAGEA4	n.s	OCT2	MAGEA4	
1-2_C15	Centre	0*	0	0	1	0	0	0	1			0*	34
		2 cells			4 cells				4 cells			1 cell	
		55 µm											

B

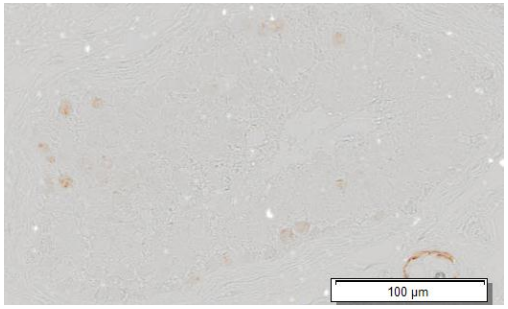
168. MAGEA4



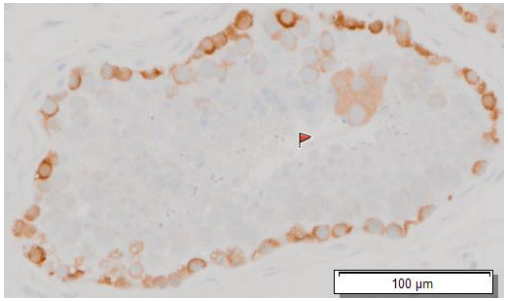
169. FGFR3



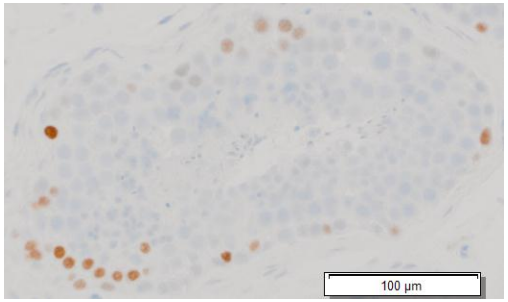
170. Ki67



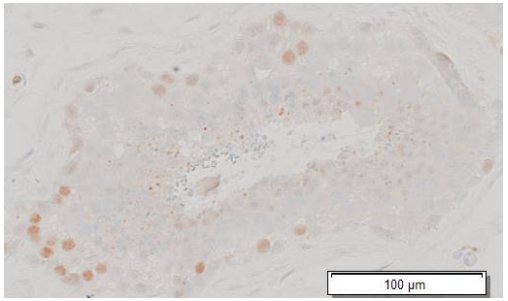
171. MAGEA4



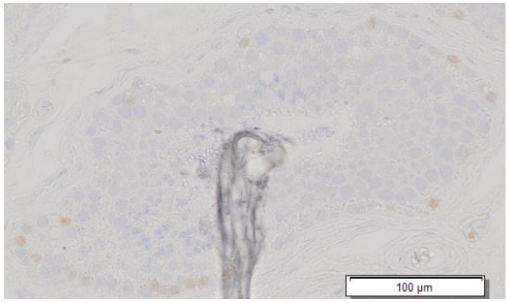
172. SSX



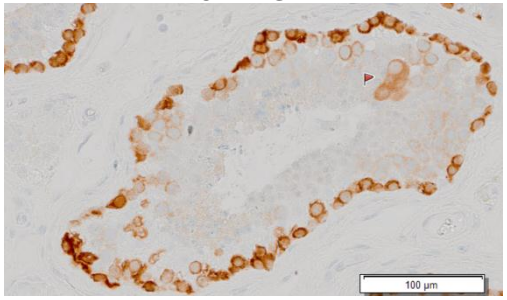
173. SAGE1



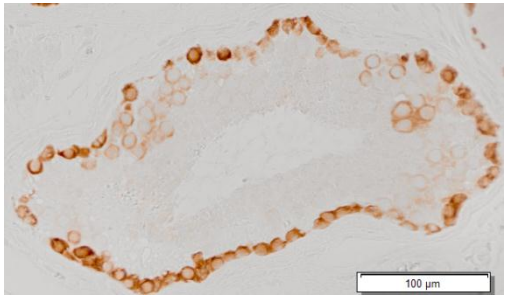
174. OCT2



175. MAGEA4



178. MAGEA4

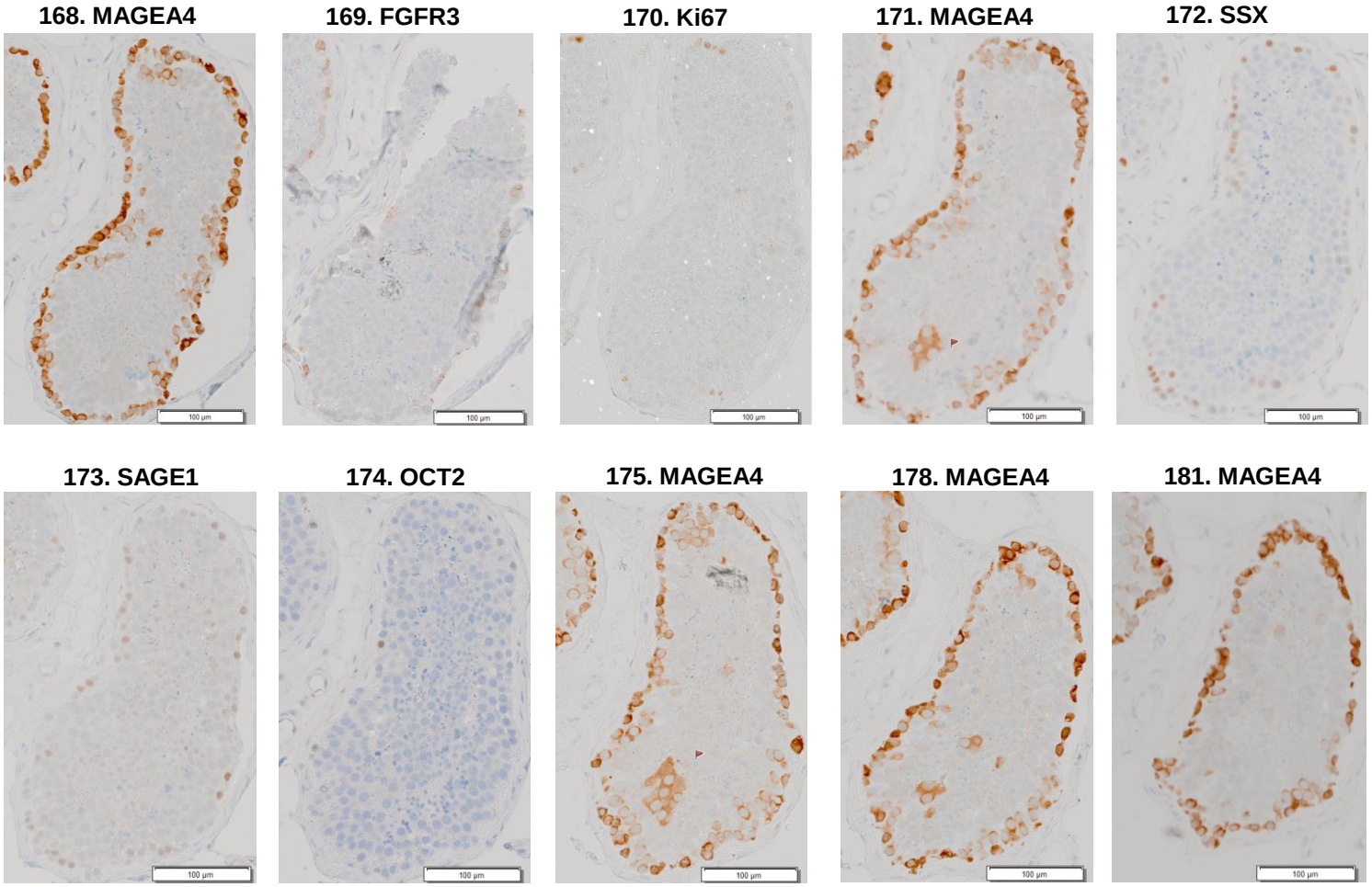


Clone no. 1-2_C16

A

Clone no.	Location	Slide 168	Slide 169	Slide 170	Slide 171	Slide 172	Slide 173	Slide 174	Slide 175	Slide 176	Slide 177	Slide 178	Slide 179	Slide 180	Slide 181	Minimum number of cells
		MAGEA4	FGFR3	Ki67	MAGEA4	SSX	SAGE1	OCT2	MAGEA4	n.s	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	
1-2_C16	Centre	0	0	0	1 3 cells	0	0	0	1 6 cells			0* 2 cells			0	33
					40 µm											

B

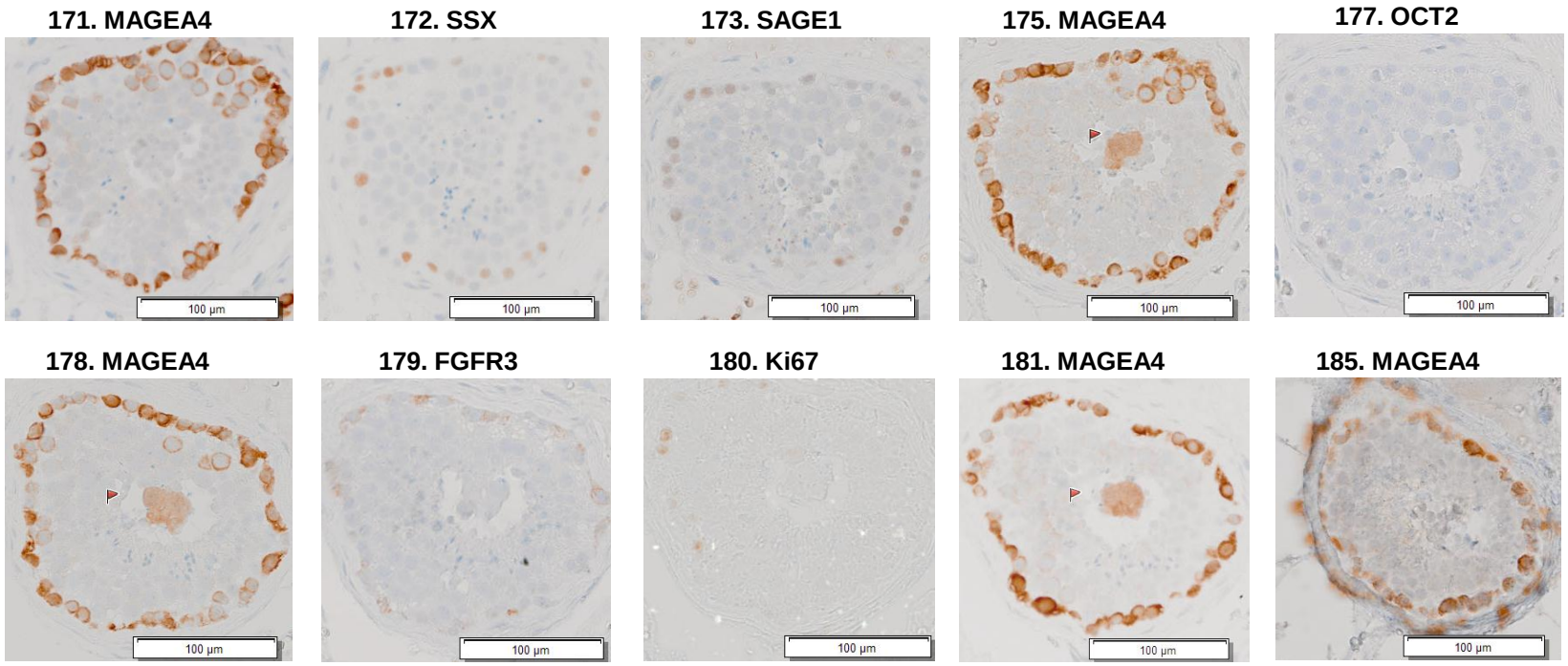


Clone no. 1-2_C17

A

Clone no.	Location	Slide 171	Slide 172	Slide 173	Slide 174	Slide 175	Slide 176	Slide 177	Slide 178	Slide 179	Slide 180	Slide 181	Slide 182	Slide 183	Slide 184	Slide 185	Minimum number of cells
		MAGEA4	SSX	SAGE1	OCT2	MAGEA4	n.s	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	SSX	FGFR3	n.s	MAGEA4	
1-2_C17	Centre	0	0	0	0	1		0	1	0	0	1	0			0	40
						8 cells			4 cells			6 cells					
						35 µm											

B

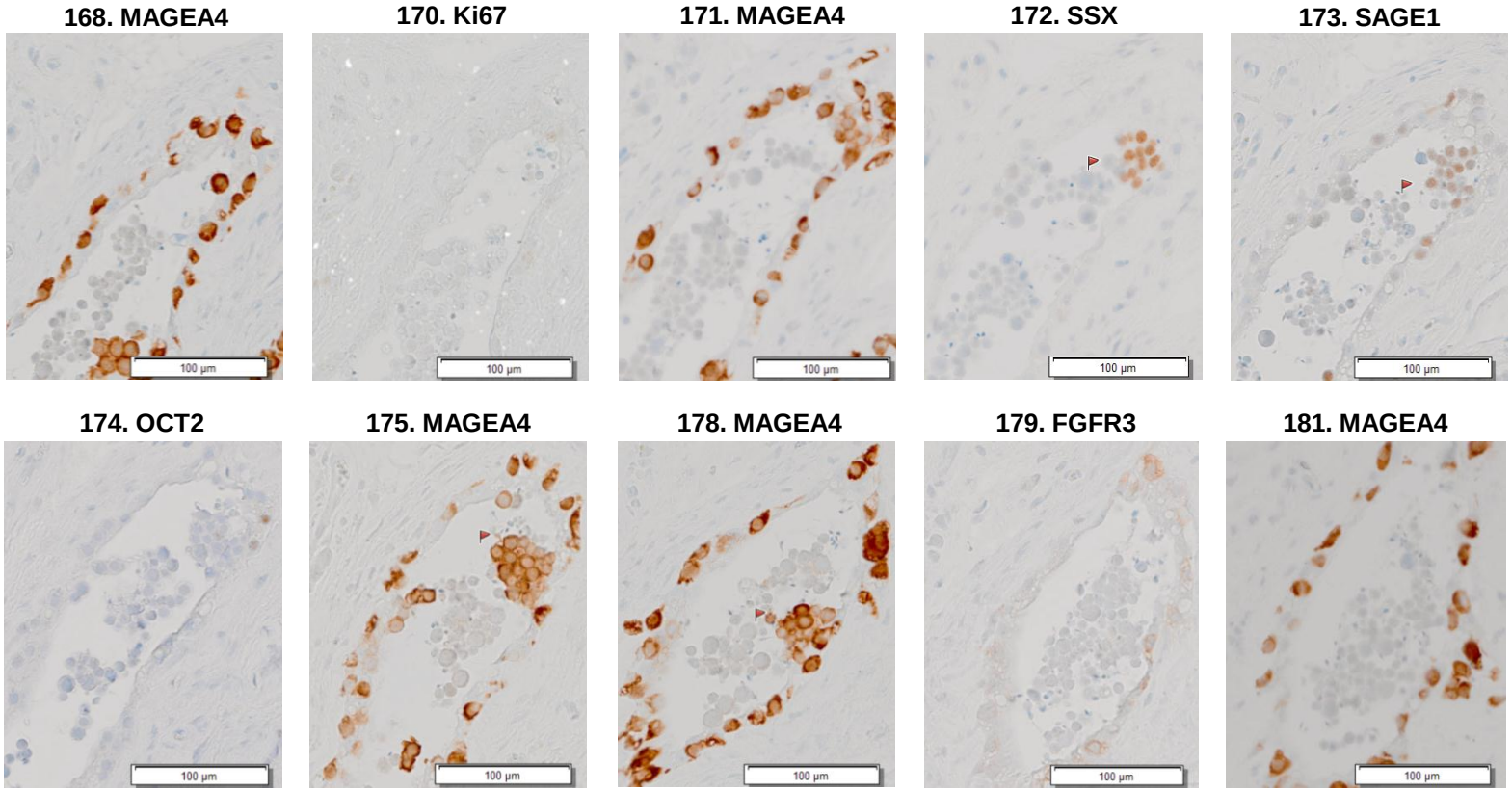


Clone no. 1-2_C18

A

Clone no.	Location	Slide 168	Slide 169	Slide 170	Slide 171	Slide 172	Slide 173	Slide 174	Slide 175	Slide 176	Slide 177	Slide 178	Slide 179	Slide 180	Slide 181	Minimum number of cells
		MAGEA4	FGFR3	Ki67	MAGEA4	SSX	SAGE1	OCT2	MAGEA4	n.s	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	
1-2_C18	Periphery	0*	NA	0	0*	1	1	0	1		0	1	0		0	
		1 cell			7 cells	11 cells	11 cells		18 cells			11 cells				112
		55 µm														

B



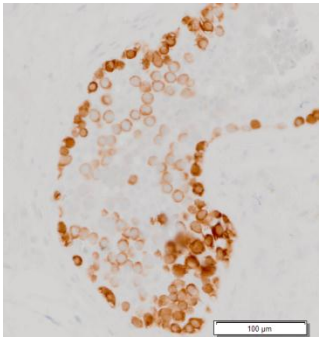
Clone no. 1-2_C19

A

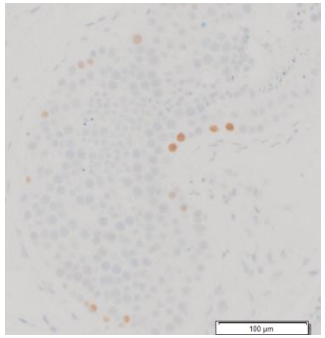
Clone no.	Location	Slide 171	Slide 172	Slide 173	Slide 174	Slide 175	Slide 176	Slide 177	Slide 178	Slide 179	Slide 180	Slide 181	Minimum number of cells
		MAGEA4	SSX	SAGE1	OCT2	MAGEA4	n.s	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	
1-2_C19	Near Periphery	0	0	0	0	1 5 cells 35 µm		0	1 13 cells	0	0	0* 2 cells	53

B

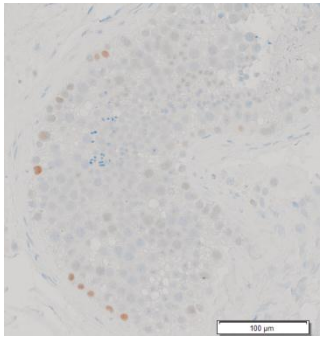
171. MAGEA4



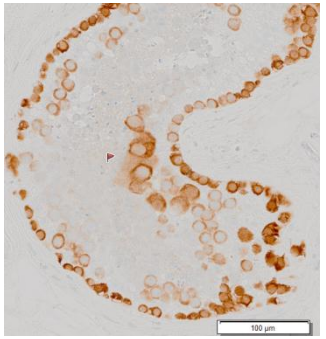
172. SSX



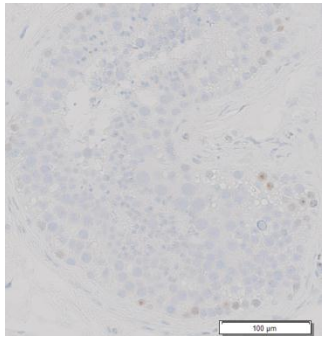
173. SAGE1



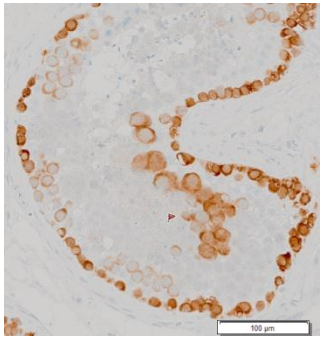
175. MAGEA4



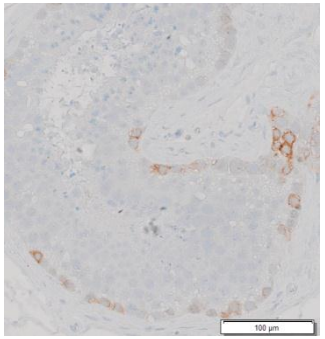
177. OCT2



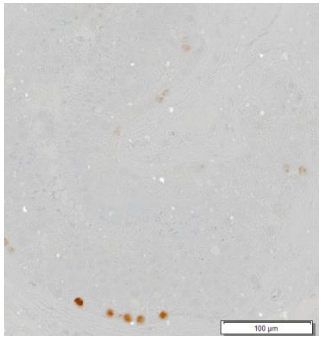
178. MAGEA4



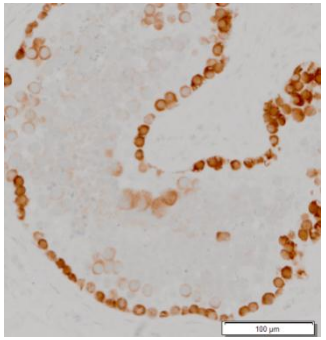
179. FGFR3



180. Ki67



181. MAGEA4



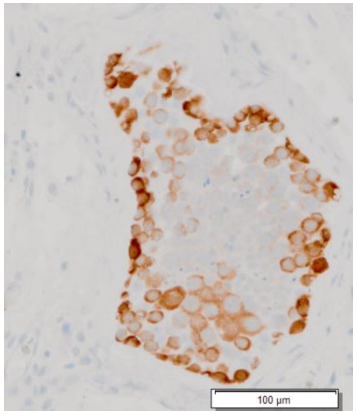
Clone no. 1-2_C20

A

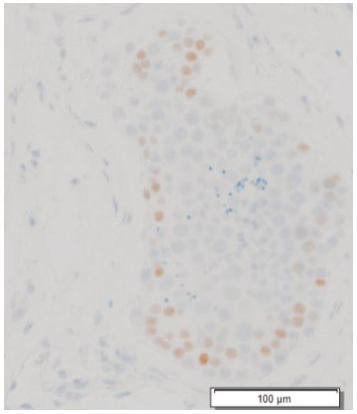
Clone no.	Location	Slide 171	Slide 172	Slide 173	Slide 174	Slide 175	Slide 176	Slide 177	Slide 178	Slide 179	Slide 180	Slide 181	Slide 182	Slide 183	Slide 184	Slide 185	Slide 186	Slide 187	Slide 188	Slide 189	Slide 190	Slide 191	Minimum number of cells
		MAGEA4	SSX	SAGE1	OCT2	MAGEA4	n.s	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	SSX	FGFR3	n.s	MAGEA4	n.s	n.s	n.s	n.s	n.s	MAGEA4	
1-2_C20	Periphery	0*	0	0	0	1		0	1	0	0	0*				0*						NA	87
		3 cells				9 cells			5 cells			5 cells				6cells							
		75 µm																					

B

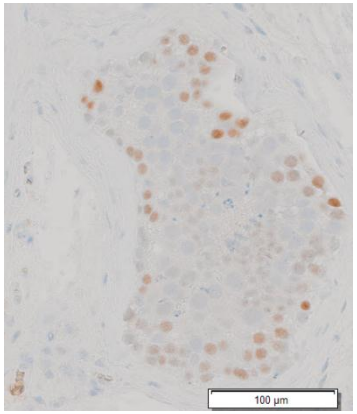
171. MAGEA4



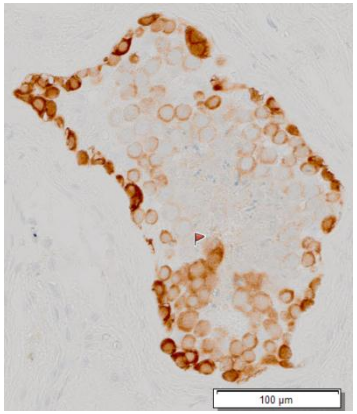
172. SSX



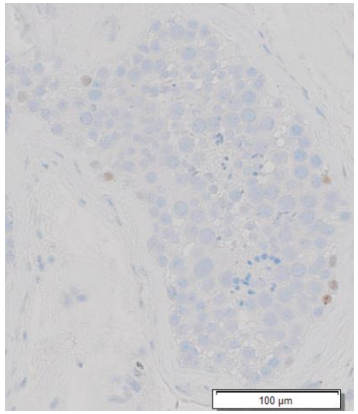
173. SAGE1



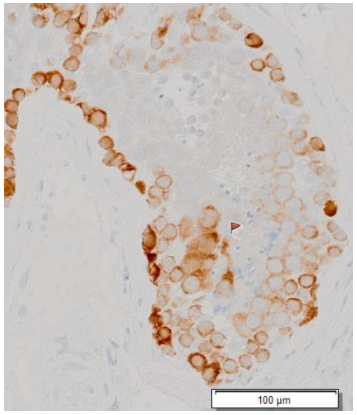
175. MAGEA4



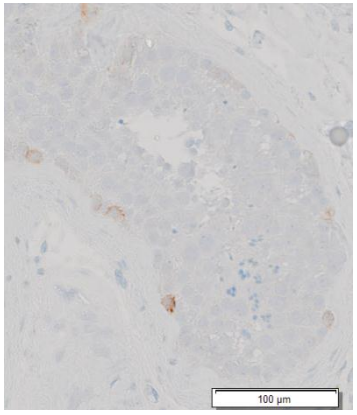
177. OCT2



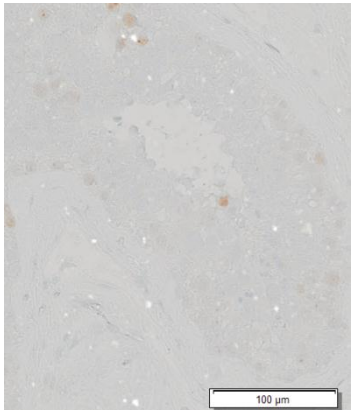
178. MAGEA4



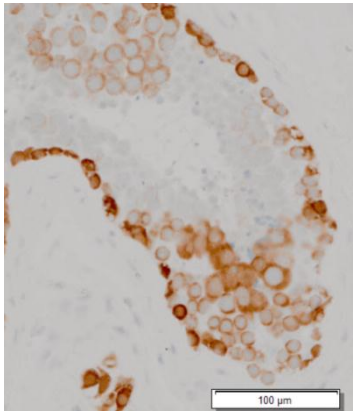
179. FGFR3



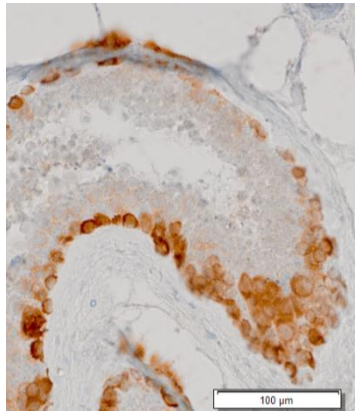
180. Ki67



181. MAGEA4



185. MAGEA4



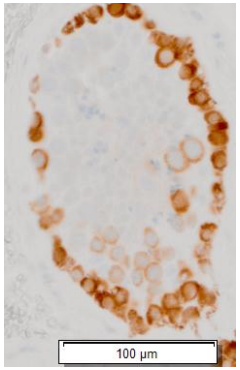
Clone no. 1-2_C21

A

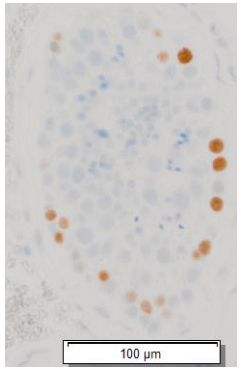
Clone no.	Location	Slide 171	Slide 172	Slide 173	Slide 174	Slide 175	Slide 176	Slide 177	Slide 178	Slide 179	Slide 180	Slide 181	Slide 182	Slide 183	Slide 184	Slide 185	Slide 186	Slide 187	Slide 188	Slide 189	Slide 190	Slide 191	Minimum number of cells
		MAGEA4	SSX	SAGE1	OCT2	MAGEA4	n.s	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	SSX	FGFR3	n.s	MAGEA4	n.s	n.s	n.s	n.s	n.s	MAGEA4	
1-2_C21	Centre	0*	0	0	0	1		0	0*	0	0	1	0	0		0*						0	48
		1 cell				4 cells			1 cell			4 cells				3 cells							
		75 µm																					

B

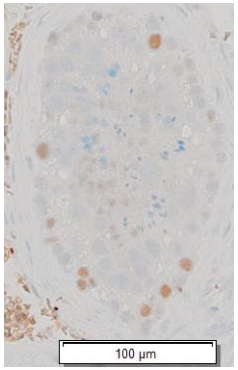
171. MAGEA4



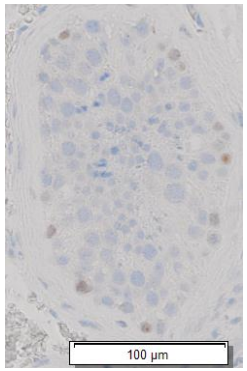
172. SSX



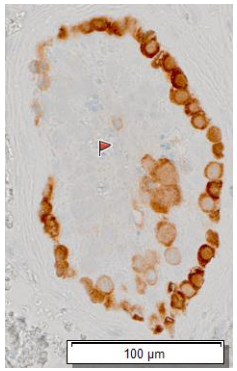
173. SAGE1



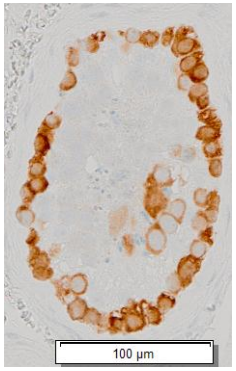
174. OCT2



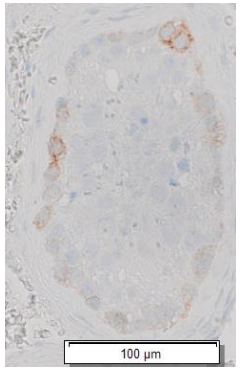
175. MAGEA4



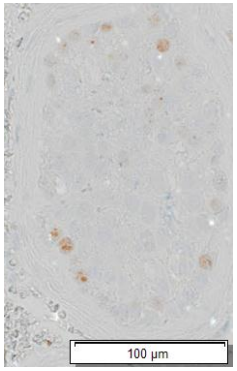
178. MAGEA4



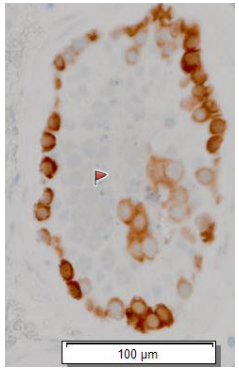
179. FGFR3



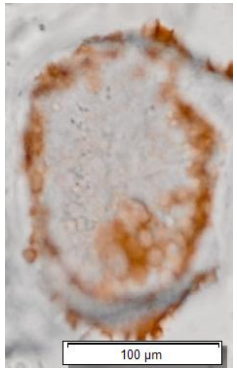
180. Ki67



181. MAGEA4



185. MAGEA4

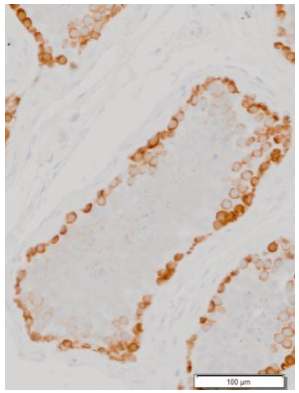


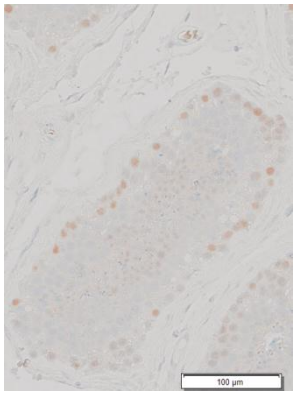
Clone no. 1-2_C22

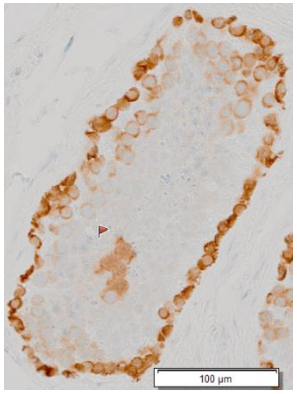
A

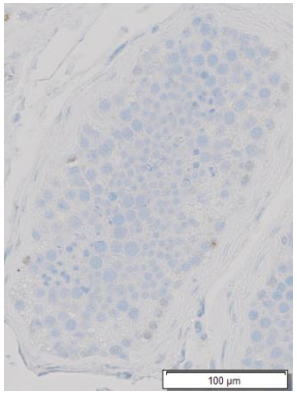
Clone no.	Location	Slide 171	Slide 172	Slide 173	Slide 174	Slide 175	Slide 176	Slide 177	Slide 178	Slide 179	Slide 180	Slide 181	Slide 182	Slide 183	Slide 184	Slide 185	Minimum number of cells
		MAGEA4	SSX	SAGE1	OCT2	MAGEA4	n.s	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	SSX	FGFR3	n.s	MAGEA4	
1-2_C22	Centre	0	0	0	0	1 5 cells		0	1 11 cells	0	0	1 7 cells	0			NA	57
						35 µm											

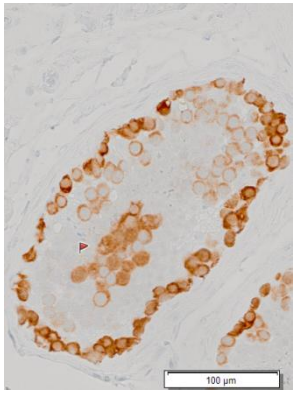
B

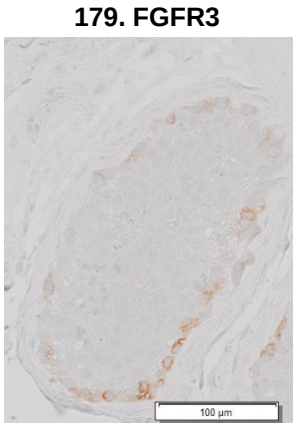


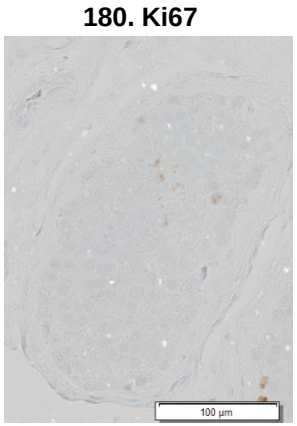


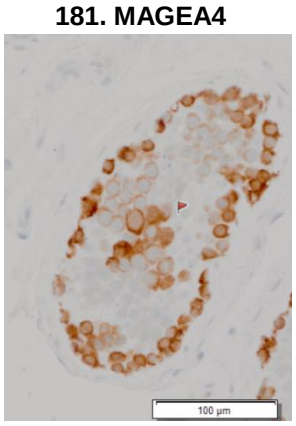


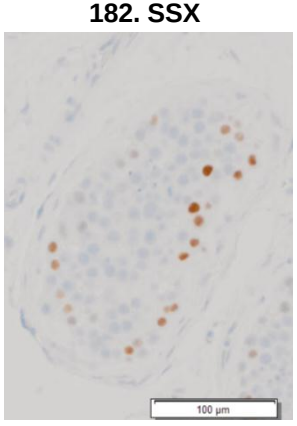












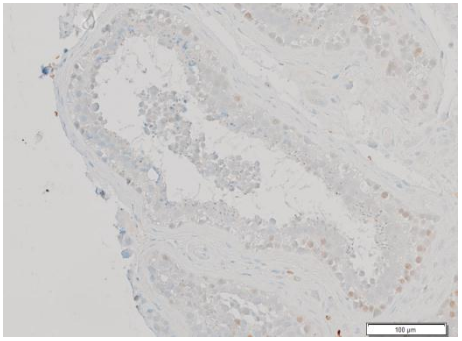
Clone no. 1-2_C23

A

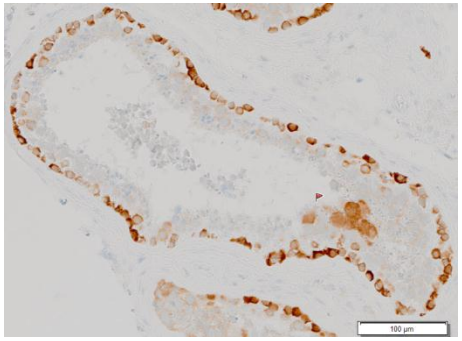
Clone no.	Location	Slide 171	Slide 172	Slide 173	Slide 174	Slide 175	Slide 176	Slide 177	Slide 178	Slide 179	Slide 180	Slide 181	Minimum number of cells
		MAGEA4	SSX	SAGE1	OCT2	MAGEA4	n.s	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	
1-2_C23	Centre	NA	NA	NA	0	1 5 cells		0	1 7 cells	0	0	NA	24
						20 µm							

B

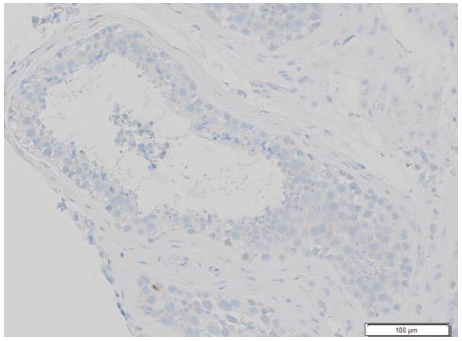
173. SAGE1



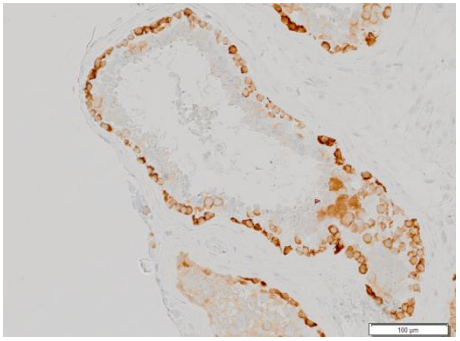
175. MAGEA4



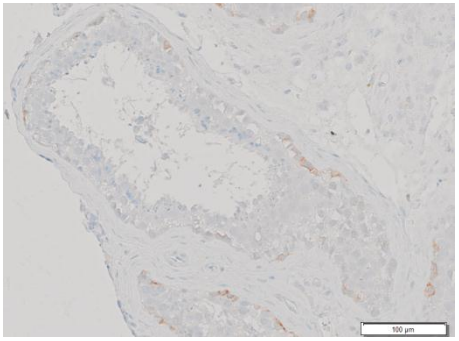
177. OCT2



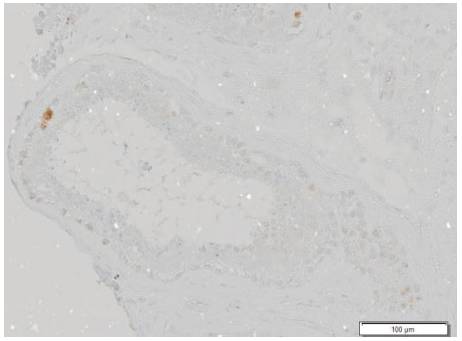
178. MAGEA4



179. FGFR3



180. Ki67



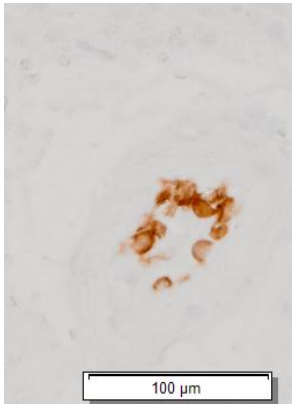
Clone no. 1-2_C24

A

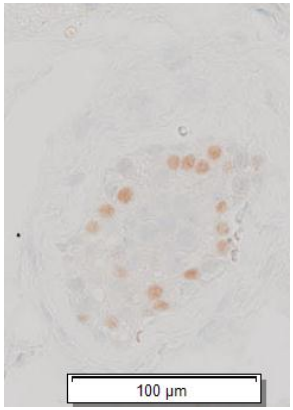
Clone no.	Location	Slide 171	Slide 172	Slide 173	Slide 174	Slide 175	Slide 176	Slide 177	Slide 178	Slide 179	Slide 180	Slide 181	Slide 182	Slide 183	Slide 184	Slide 185	Minimum number of cells
		MAGEA4	SSX	SAGE1	OCT2	MAGEA4	n.s	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	SSX	FGFR3	n.s	MAGEA4	
1-2_C24	Periphery	0	0	0	0	1		0	1	0	0	1	0			0	
						8 cells			13 cells			14 cells					83
						35 µm											

B

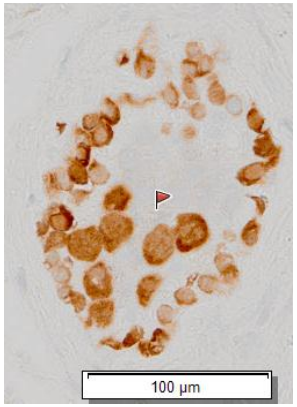
171. MAGEA4



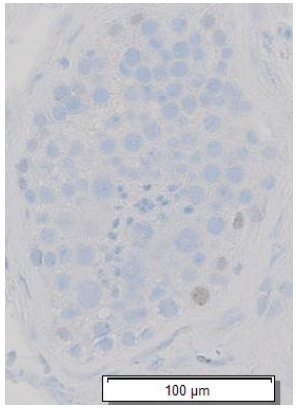
173. SAGE1



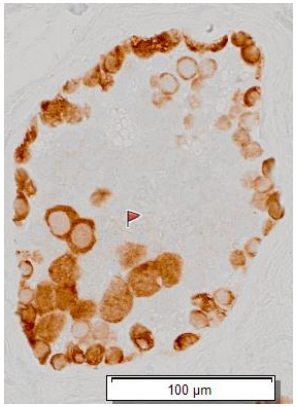
175. MAGEA4



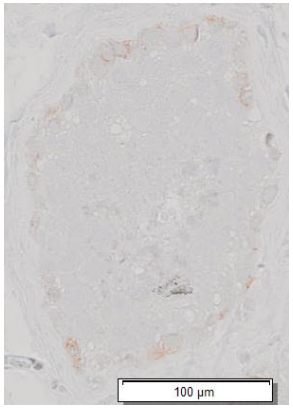
177. OCT2



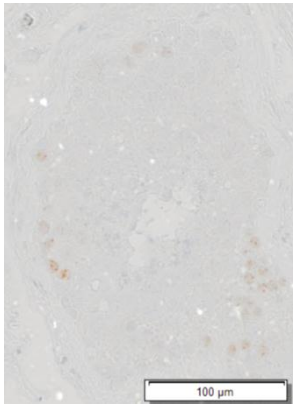
178. MAGEA4



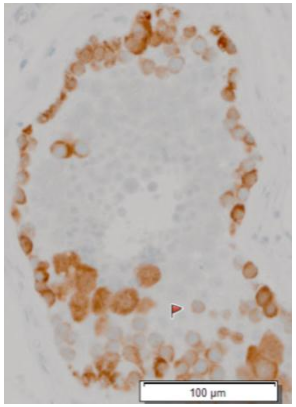
179. FGFR3



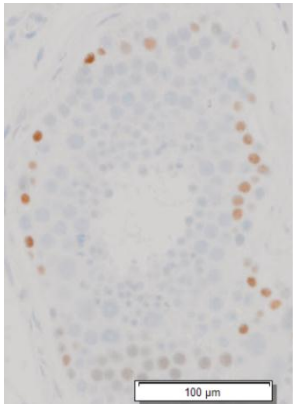
180. Ki67



181. MAGEA4



182. SSX



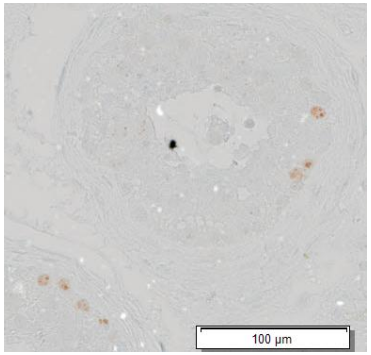
Clone no. 1-2_C25

A

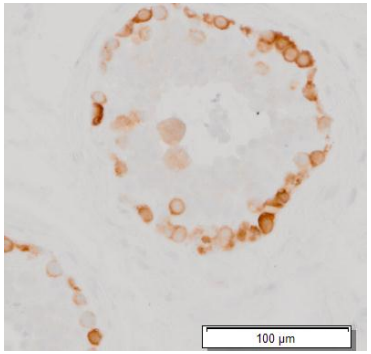
Clone no.	Location	Slide 170	Slide 171	Slide 172	Slide 173	Slide 174	Slide 175	Slide 176	Slide 177	Slide 178	Slide 179	Slide 180	Slide 181	Minimum number of cells
		Ki67	MAGEA4	SSX	SAGE1	OCT2	MAGEA4	n.s	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	
1-2_C25	Centre	0	0*	0	0	0	1		0	1	0		0	30
			2 cells				4 cells			5 cells				
			40 µm											

B

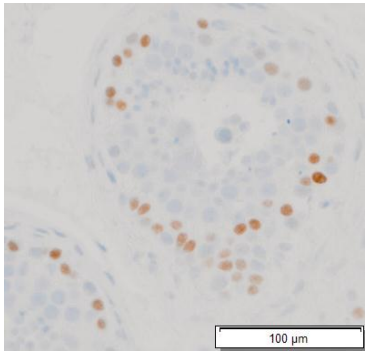
170. Ki67



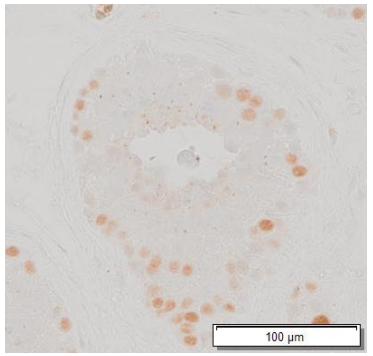
171. MAGEA4



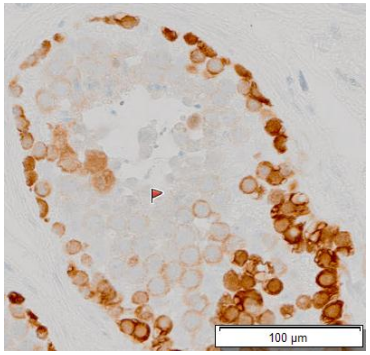
172. SSX



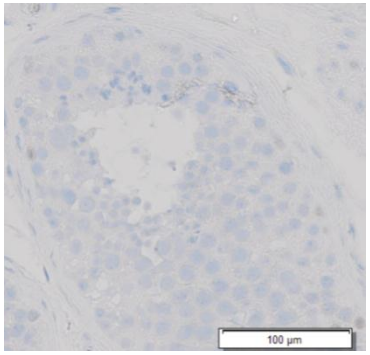
173. SAGE1



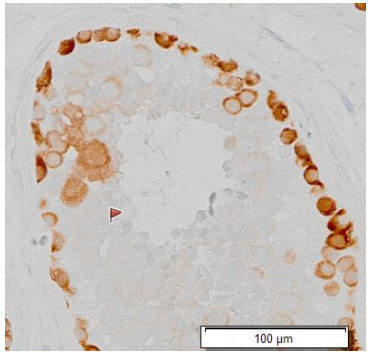
175. MAGEA4



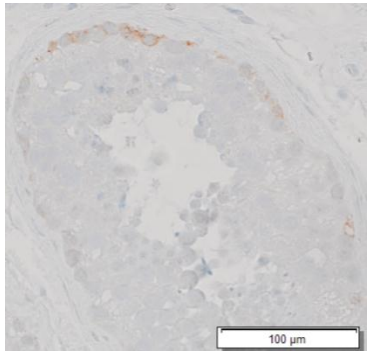
177. OCT2



178. MAGEA4



179. FGFR3

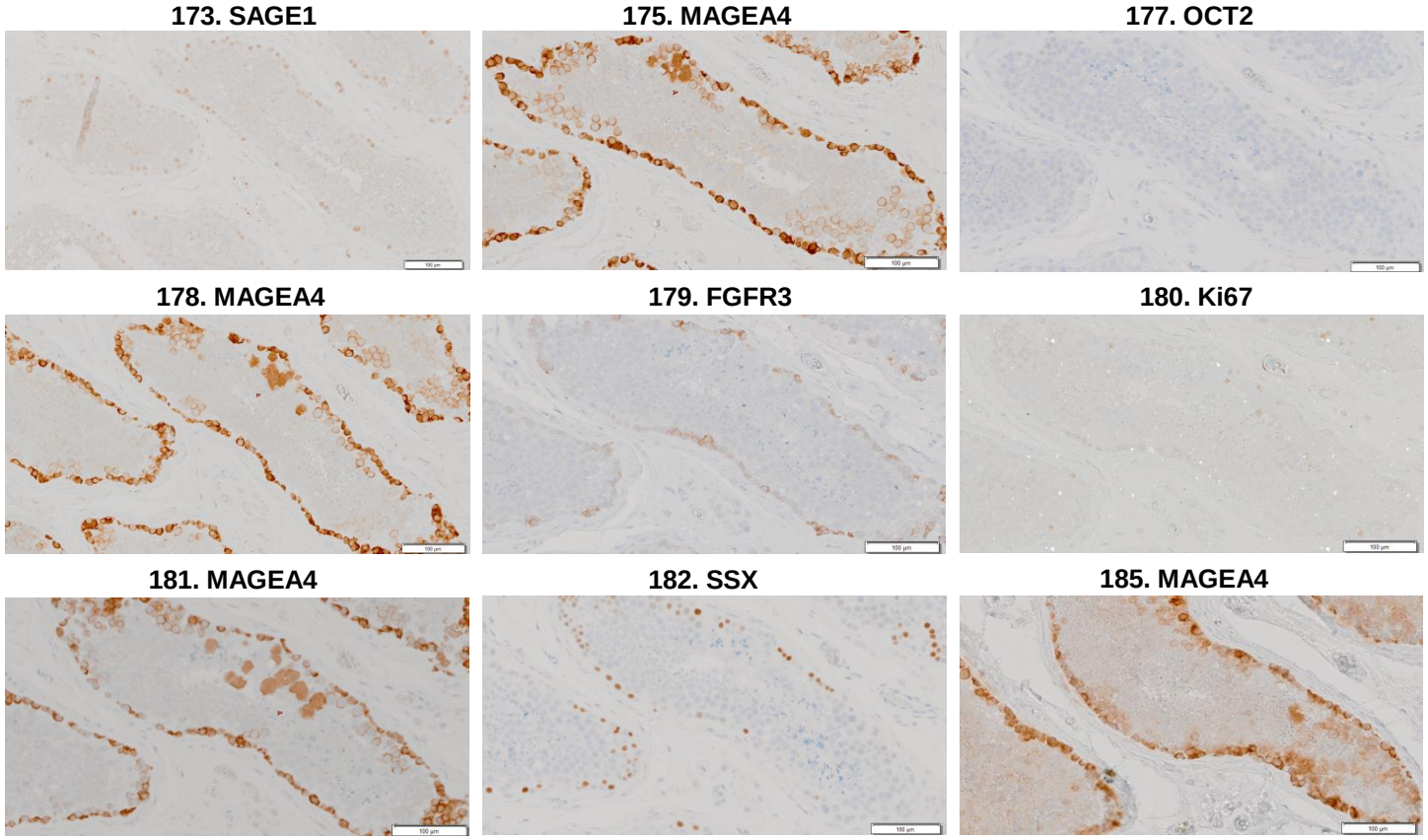


Clone no. 1-2_C26

A

Clone no.	Location	Slide 171	Slide 172	Slide 173	Slide 174	Slide 175	Slide 176	Slide 177	Slide 178	Slide 179	Slide 180	Slide 181	Slide 182	Slide 183	Slide 184	Slide 185	Minimum number of cells
		MAGEA4	SSX	SAGE1	OCT2	MAGEA4	n.s	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	SSX	FGFR3	n.s	MAGEA4	
1-2_C26	Periphery	0	0	0	0	1 5 cells		0	1 7 cells	0	0	1 15 cells	0			0* 2 cells	89
						55 µm											

B

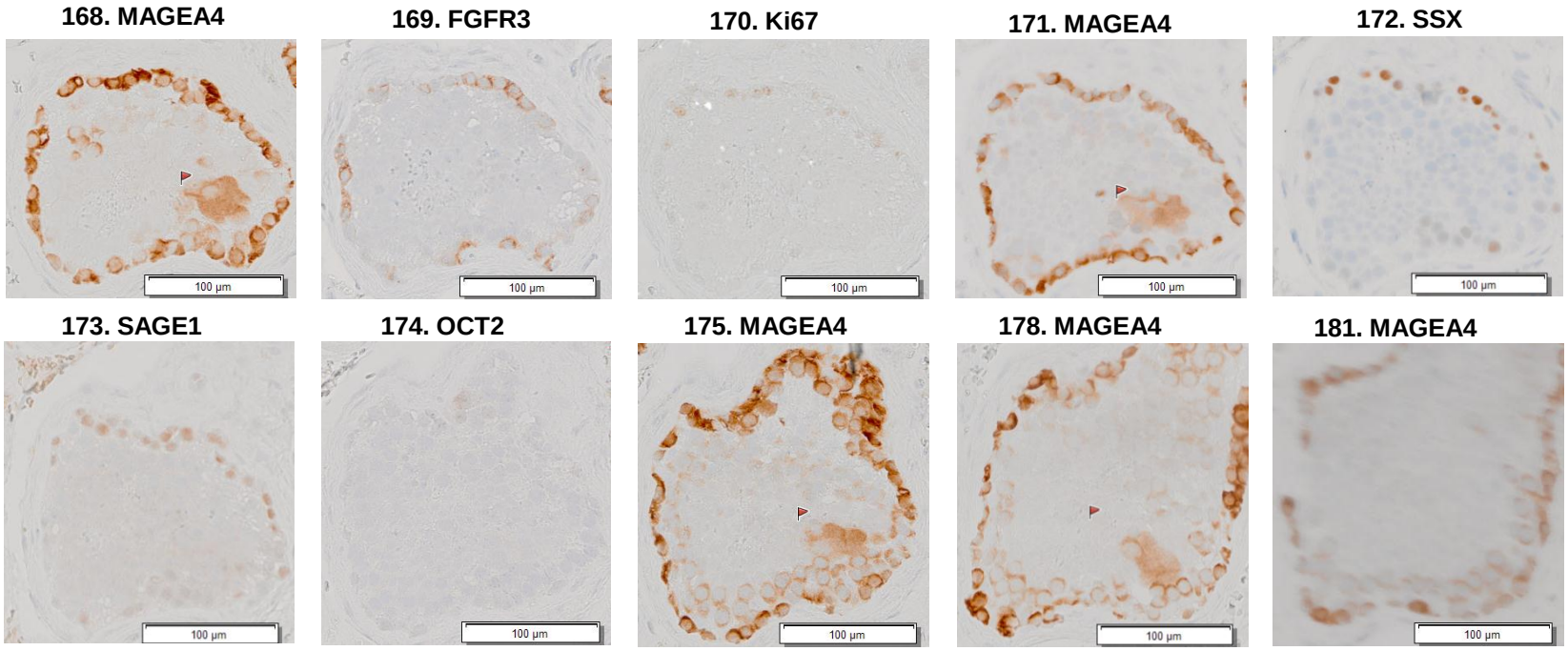


Clone no. 1-2_C27

A

Clone no.	Location	Slide 168	Slide 169	Slide 170	Slide 171	Slide 172	Slide 173	Slide 174	Slide 175	Slide 176	Slide 177	Slide 178	Slide 179	Slide 180	Slide 181	Minimum number of cells
		MAGEA4	FGFR3	Ki67	MAGEA4	SSX	SAGE1	OCT2	MAGEA4	n.s	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	
1-2_C27	Near Periphery	1	0	0	1	0	0	0	1		0	1	0		0	
		6 cells			4 cells				3 cells			5 cells				47
		55 µm														

B



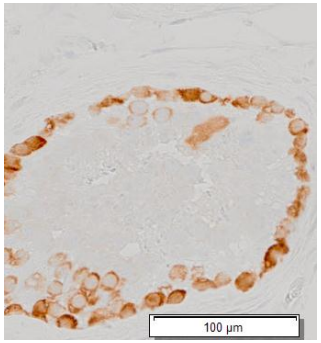
Clone no. 1-2_C28

A

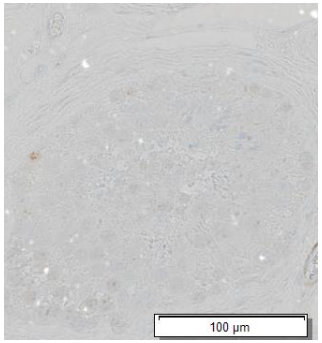
Clone no.	Location	Slide 168	Slide 169	Slide 170	Slide 171	Slide 172	Slide 173	Slide 174	Slide 175	Slide 176	Slide 177	Slide 178	Slide 179	Slide 180	Slide 181	Minimum number of cells
		MAGEA4	FGFR3	Ki67	MAGEA4	SSX	SAGE1	OCT2	MAGEA4	n.s	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	
1-2_C28	Near Periphery	0		0	1 3 cells	0	0	0	1 4 cells		0	1 3 cells	0		0	28
					40 µm											

B

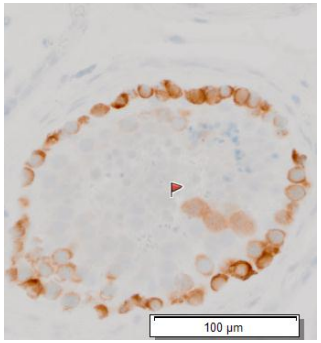
168. MAGEA4



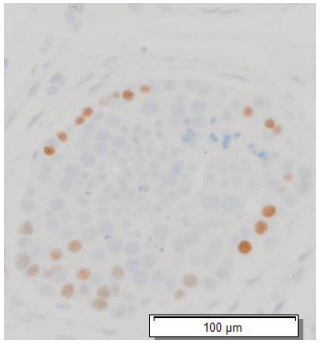
170. Ki67



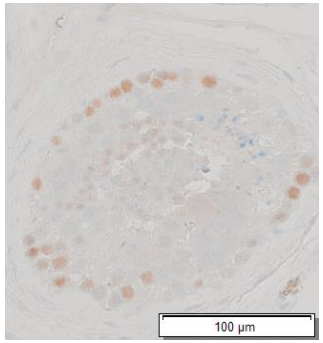
171. MAGEA4



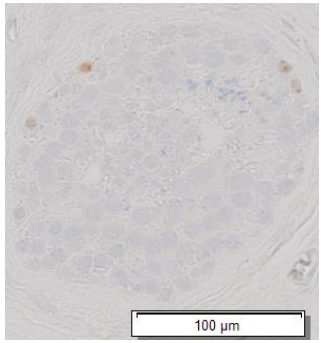
172. SSX



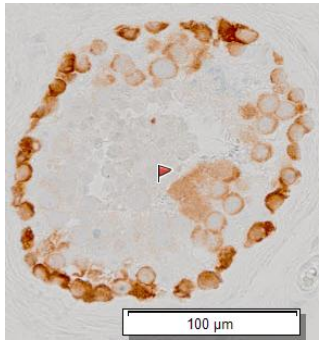
173. SAGE1



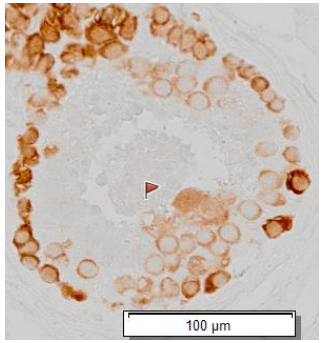
174. OCT2



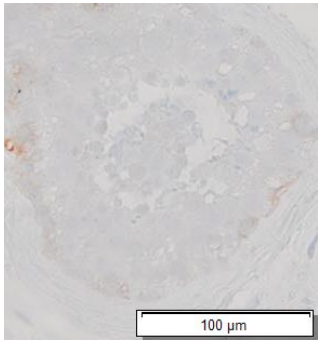
175. MAGEA4



178. MAGEA4



179. FGFR3



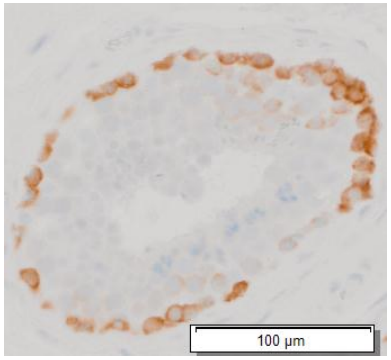
Clone no. 1-2_C29

A

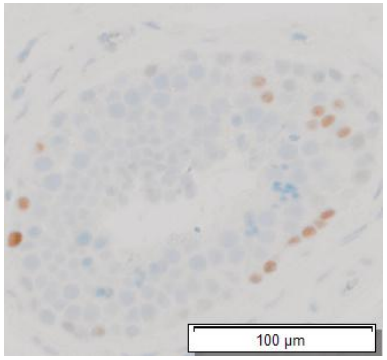
Clone no.	Location	Slide 171	Slide 172	Slide 173	Slide 174	Slide 175	Slide 176	Slide 177	Slide 178	Slide 179	Slide 180	Slide 181	Minimum number of cells
		MAGEA4	SSX	SAGE1	OCT2	MAGEA4	n.s	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	
1-2_C29	Near Periphery	0	0	0	0	1 6 cells 20 µm		0	1 3 cells	0		0	18

B

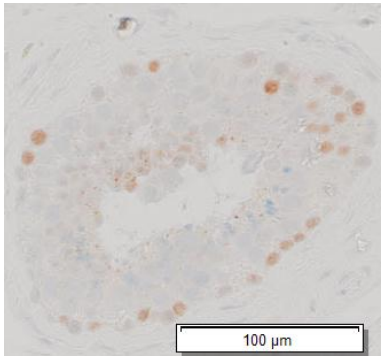
171. MAGEA4



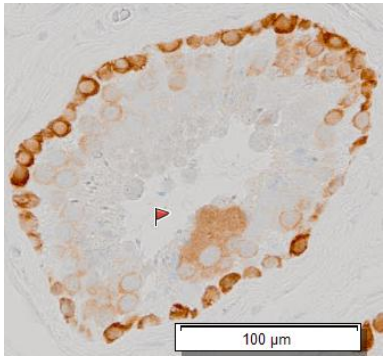
172. SSX



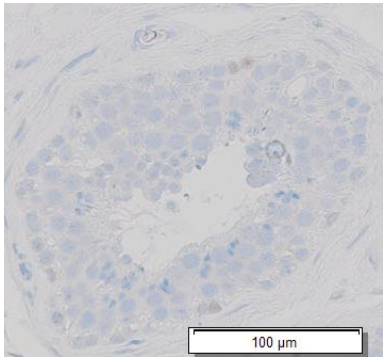
173. SAGE1



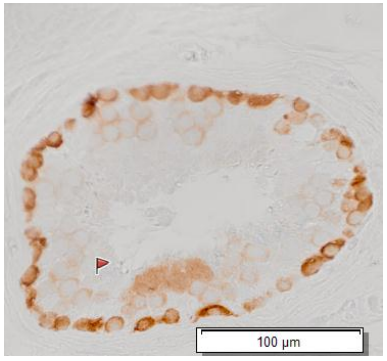
175. MAGEA4



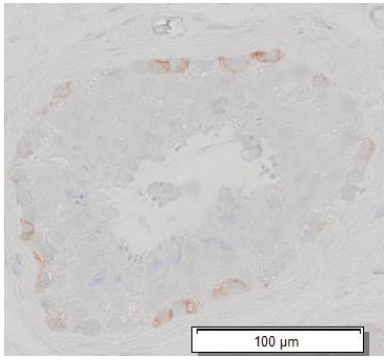
177. OCT2



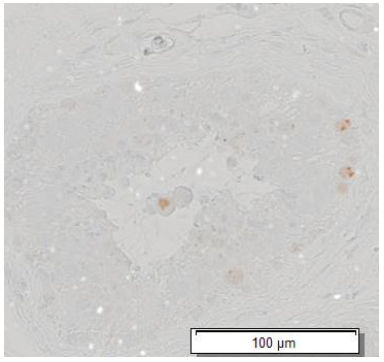
178. MAGEA4



179. FGFR3



180. Ki67



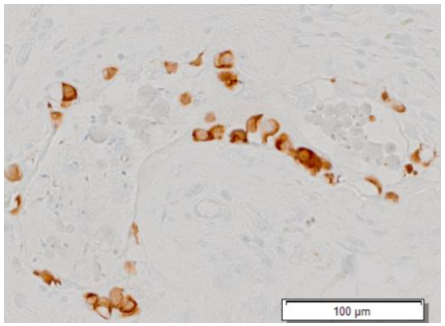
Clone no. 1-2_C30

A

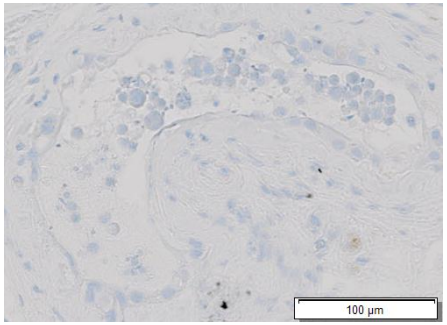
Clone no.	Location	Slide 175	Slide 176	Slide 177	Slide 178	Slide 179	Slide 180	Slide 181	Slide 182	Slide 183	Slide 184	Slide 185	Minimum number of cells
		MAGEA4	n.s	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	SSX	FGFR3	n.s	MAGEA4	
1-2_C30	Centre	NA		0	1 6 cells 20 µm	0	0	1 5 cells	0			NA	22

B

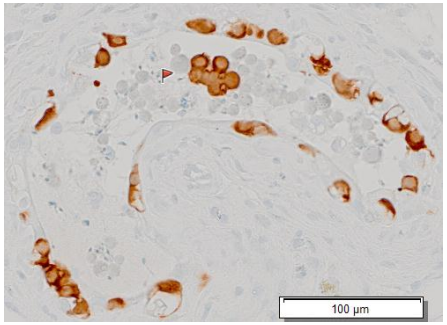
175. MAGEA4



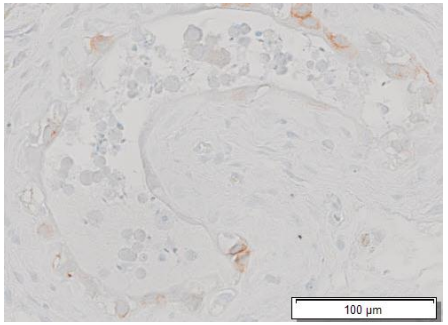
177. OCT2



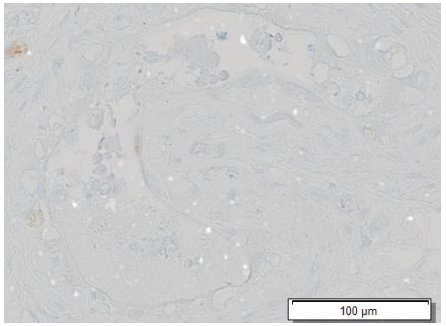
178. MAGEA4



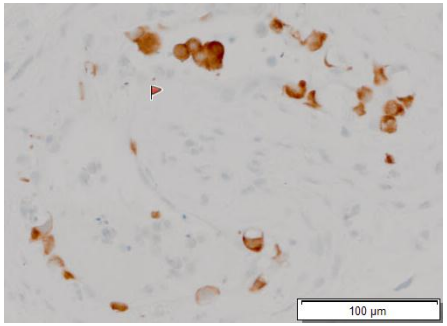
179. FGFR3



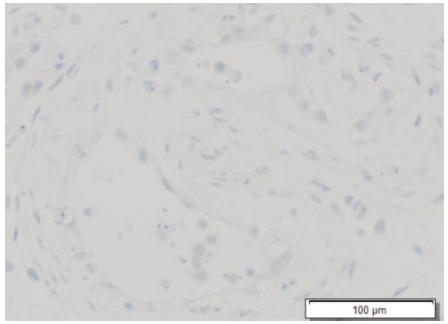
180. Ki67



181. MAGEA4



182. SSX



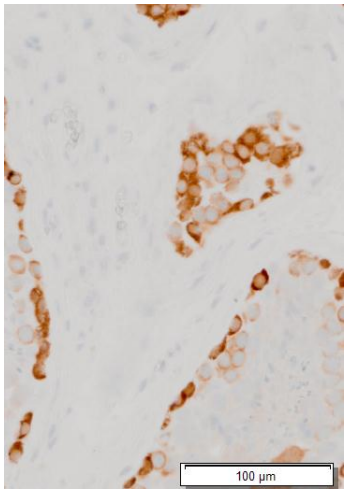
Clone no. 1-2_C31

A

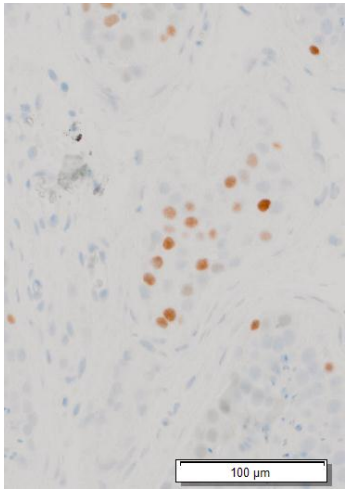
Clone no.	Location	Slide 171	Slide 172	Slide 173	Slide 174	Slide 175	Slide 176	Slide 177	Slide 178	Slide 179	Slide 180	Slide 181	Minimum number of cells
		MAGEA4	SSX	SAGE1	OCT2	MAGEA4	n.s	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	
1-2_C31	Centre	0	0	0	0	1 6 cells		0	1 7 cells	0	0	0	26
						20 µm							

B

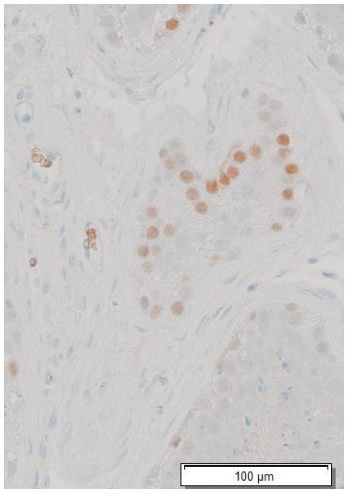
171. MAGEA4



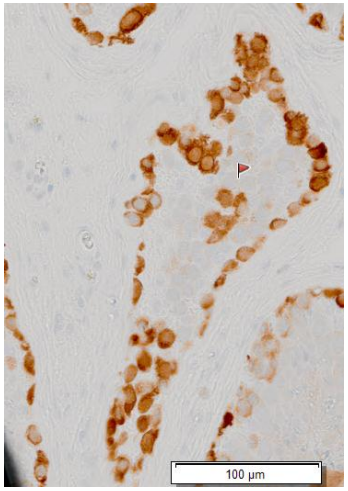
172. SSX



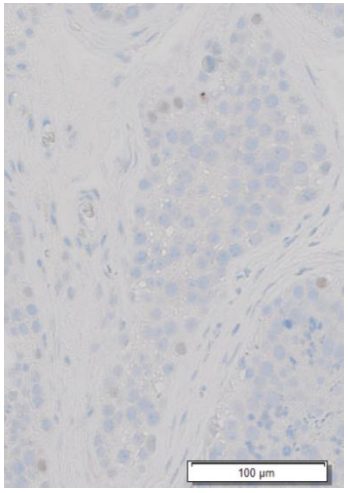
173. SAGE1



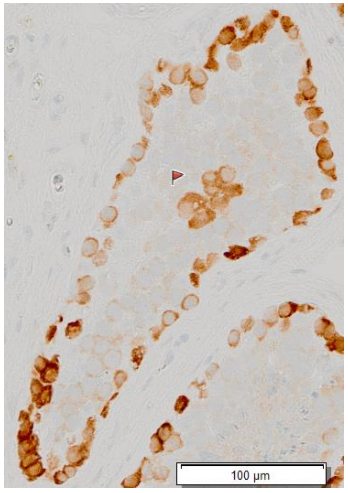
175. MAGEA4



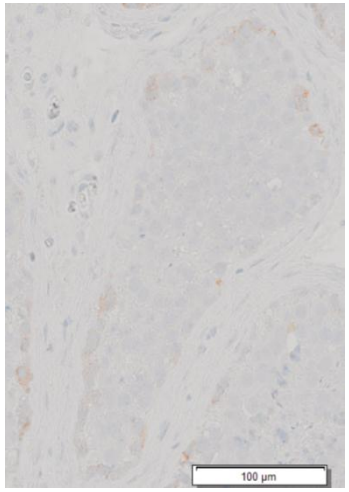
177. OCT2



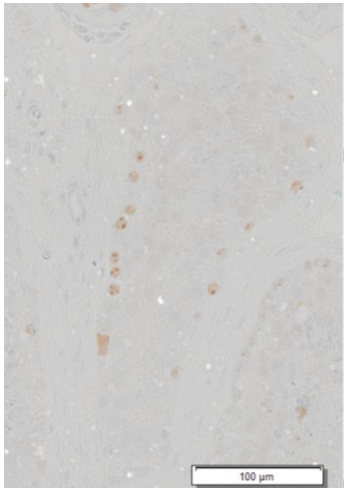
178. MAGEA4



179. FGFR3



180. Ki67



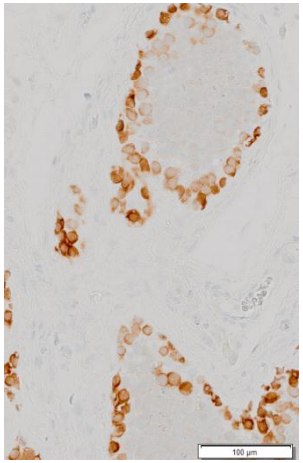
Clone no. 1-2_C32

A

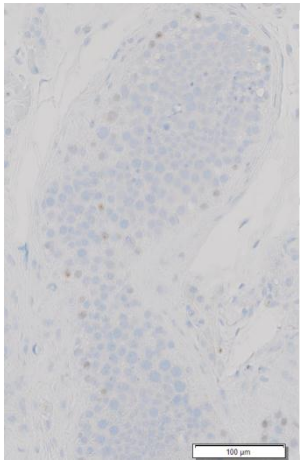
Clone no.	Location	Slide 175	Slide 176	Slide 177	Slide 178	Slide 179	Slide 180	Slide 181	Slide 182	Slide 183	Slide 184	Slide 185	Minimum number of cells
		MAGEA4	n.s	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	SSX	FGFR3	n.s	MAGEA4	
1-2_C32	Near Periphery	NA		0	1 6 cells	0	0	1 3 cells	0			NA	18
					20 µm								

B

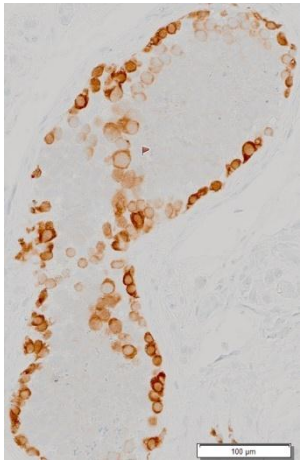
175. MAGEA4



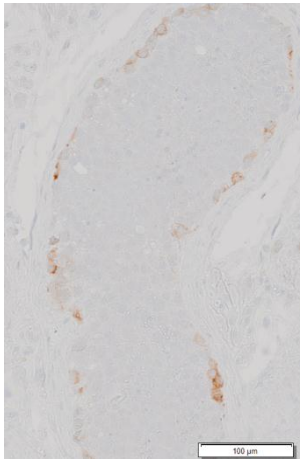
177. OCT2



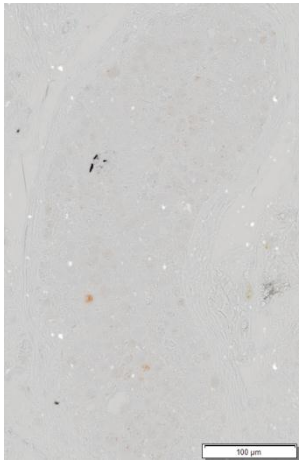
178. MAGEA4



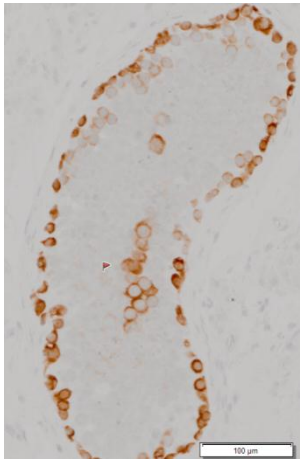
179. FGFR3



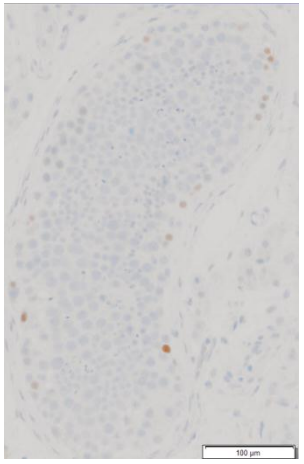
180. Ki67



181. MAGEA4



182. SSX



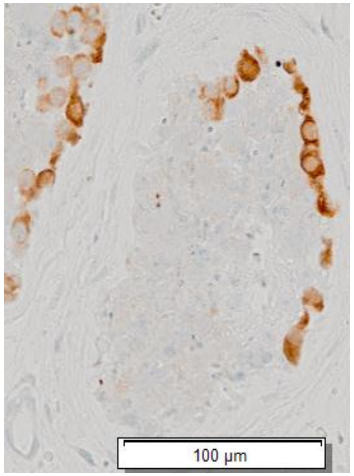
Clone no. 1-2_C33

A

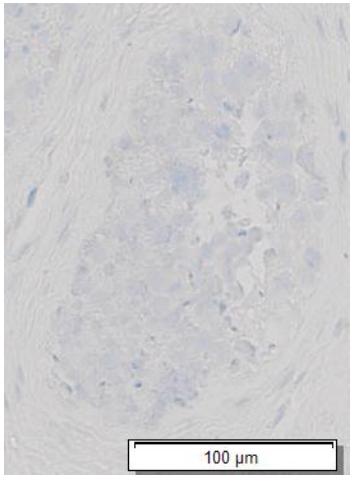
Clone no.	Location	Slide 175	Slide 176	Slide 177	Slide 178	Slide 179	Slide 180	Slide 181	Slide 182	Slide 183	Slide 184	Slide 185	Minimum number of cells
		MAGEA4	n.s	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	SSX	FGFR3	n.s	MAGEA4	
1-2_C33	Centre	0		0	1 5 cells 25 µm	0	0	0* 2 cells	1 3 cells			0	17

B

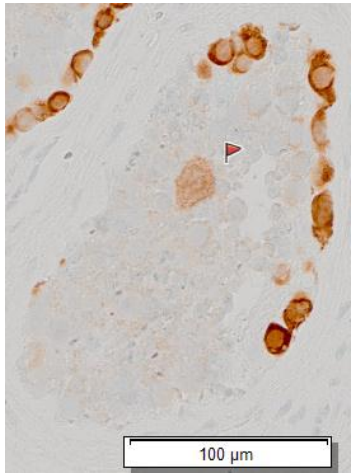
175. MAGEA4



177. OCT2

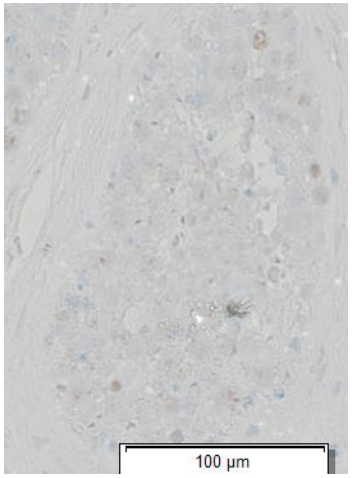


178. MAGEA4

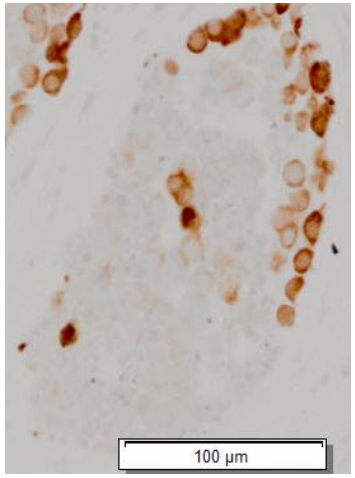


179. FGFR3

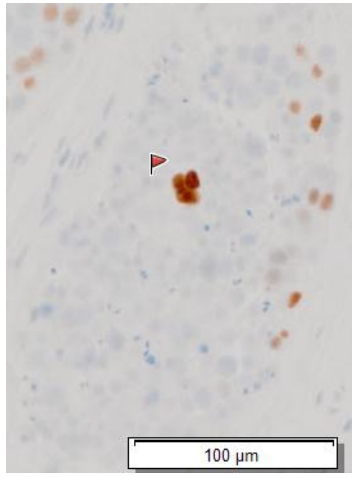
180. Ki67



181. MAGEA4



182. SSX



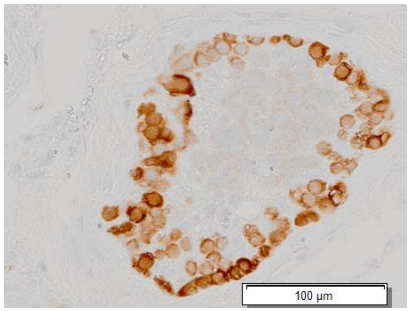
Clone no. 1-2_C34

A

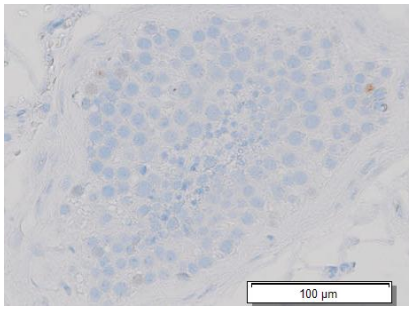
Clone no.	Location	Slide 175	Slide 176	Slide 177	Slide 178	Slide 179	Slide 180	Slide 181	Slide 182	Slide 183	Slide 184	Slide 185	Minimum number of cells
		MAGEA4	n.s	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	SSX	FGFR3	n.s	MAGEA4	
1-2_C34	Centre	0		0	1 13 cells	0	0	1 6 cells	0			0	38
					20 µm								

B

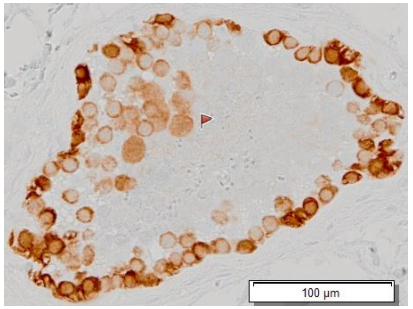
175. MAGEA4



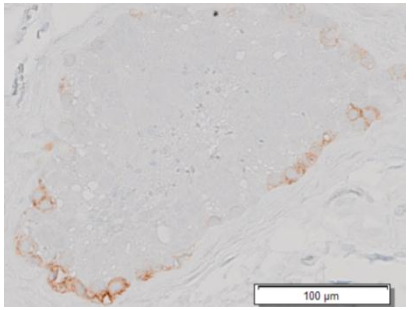
177. OCT2



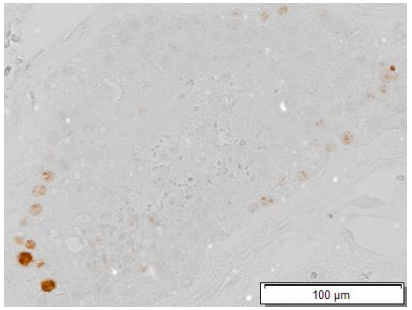
178. MAGEA4



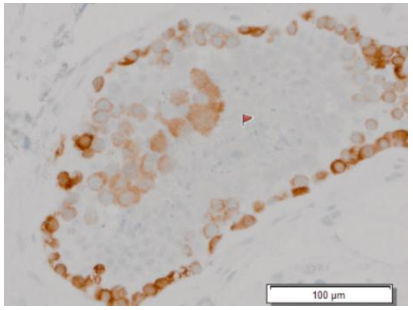
179. FGFR3



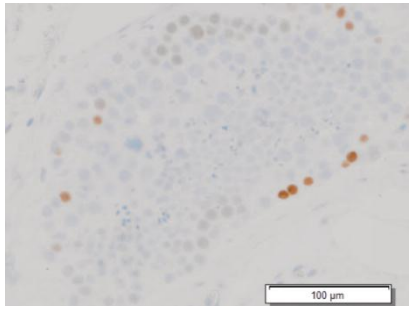
180. Ki67



181. MAGEA4



182. SSX



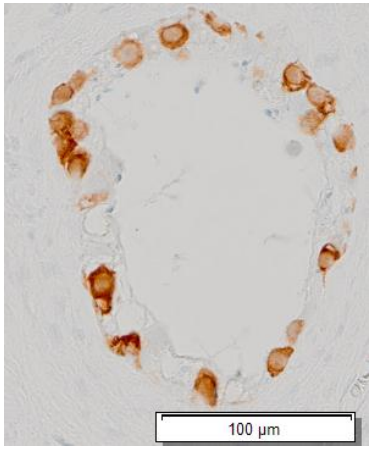
Clone no. 1-2_ C35

A

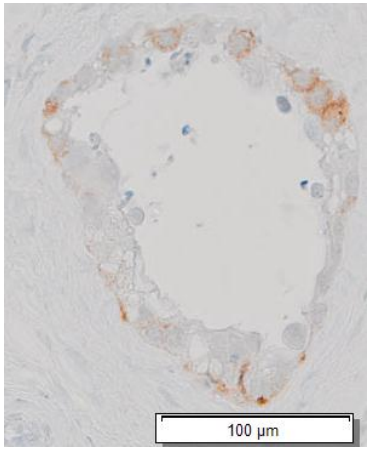
Clone no.	Location	Slide 178	Slide 179	Slide 180	Slide 181	Slide 182	Slide 183	Slide 184	Slide 185	Minimum number of cells
		MAGEA4	FGFR3	Ki67	MAGEA4	SSX	FGFR3	n.s	MAGEA4	
1-2_C35	Centre	NA	0	0	1 13 cells 10 µm	1 7 cells	NA		NA	20

B

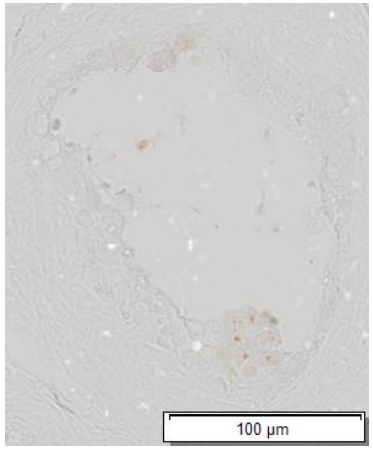
178. MAGEA4



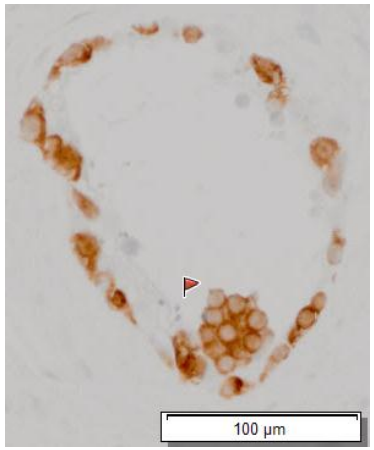
179. FGFR3



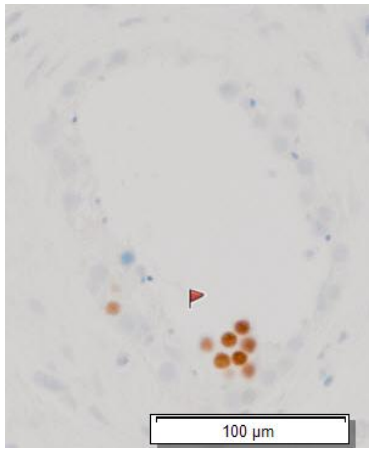
180. Ki67



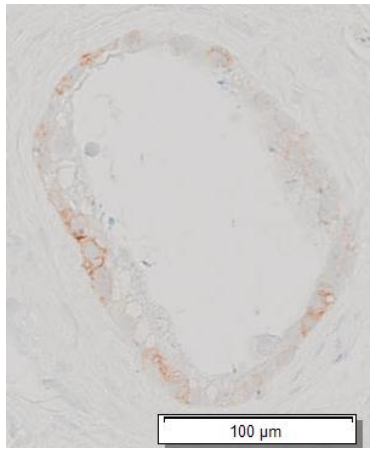
181. MAGEA4



182. SSX



183. FGFR3



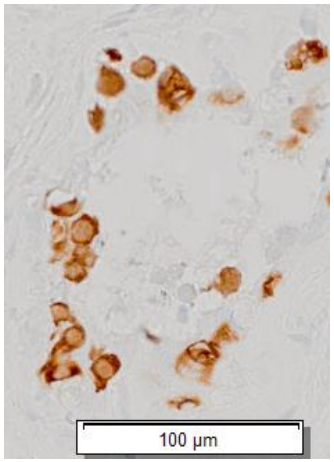
Clone no. 1-2_C36

A

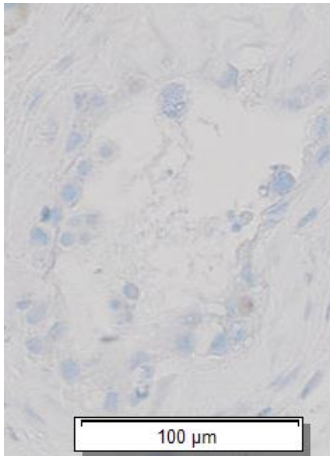
Clone no.	Location	Slide 175	Slide 176	Slide 177	Slide 178	Slide 179	Slide 180	Slide 181	Slide 182	Slide 183	Slide 184	Slide 185	Minimum number of cells
		MAGEA4	n.s	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	SSX	FGFR3	n.s	MAGEA4	
1-2_C36	Periphery	0* 3 cells		0	1 14 cells	0	0	1 10 cells	0* 5 cells	0		0	73
		40 µm											

B

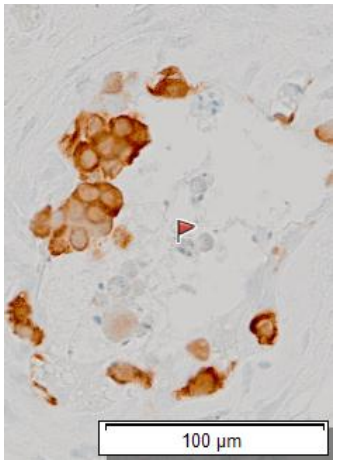
175. MAGEA4



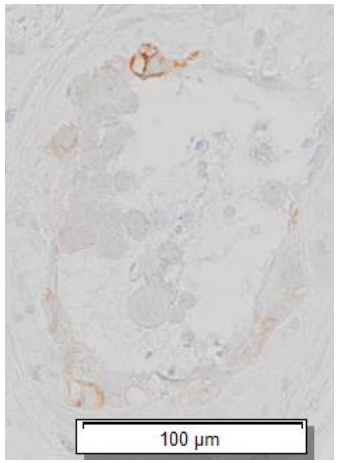
177. OCT2



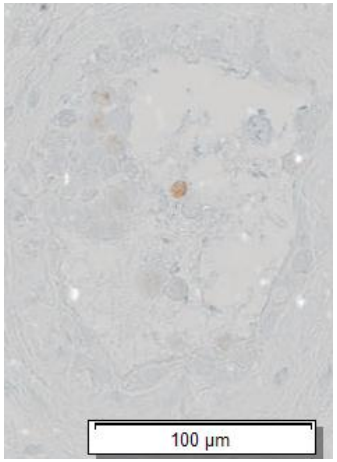
178. MAGEA4



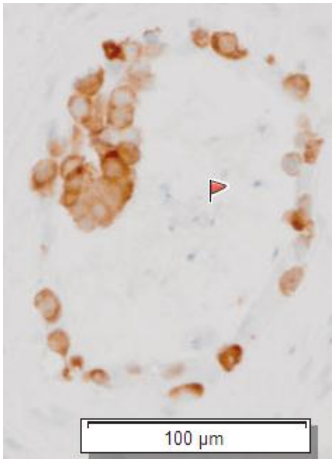
179. FGFR3



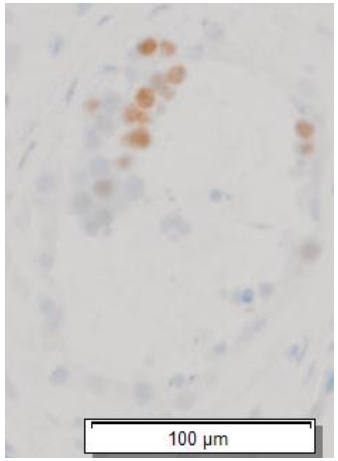
180. Ki67



181. MAGEA4



182. SSX



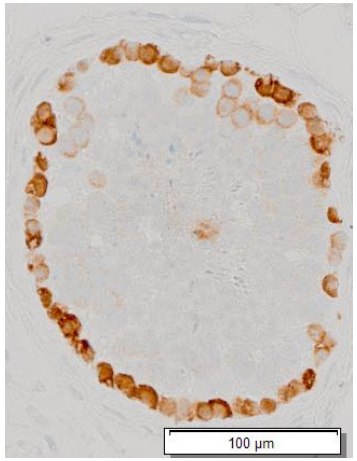
Clone no. 1-2_C37

A

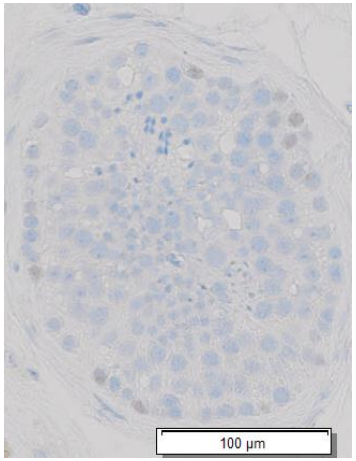
Clone no.	Location	Slide 175	Slide 176	Slide 177	Slide 178	Slide 179	Slide 180	Slide 181	Slide 182	Slide 183	Slide 184	Slide 185	Minimum number of cells
		MAGEA4	n.s	OCT2	MAGEA4	FGFR3	Ki67	MAGEA4	SSX	FGFR3	n.s	MAGEA4	
1-2_C37	Centre	0		0	1 7 cells	0	0	1 6 cells	0	0		0	26
					20 µm								

B

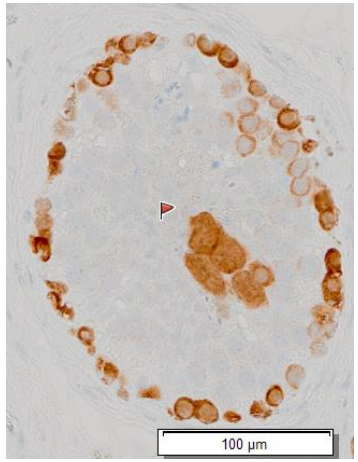
175. MAGEA4



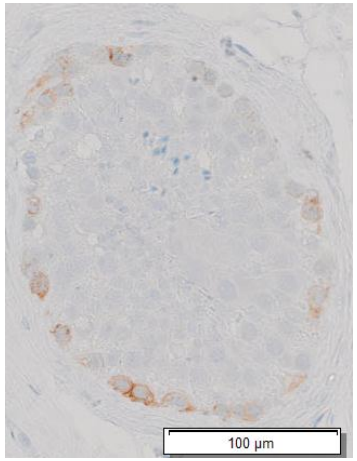
177. OCT2



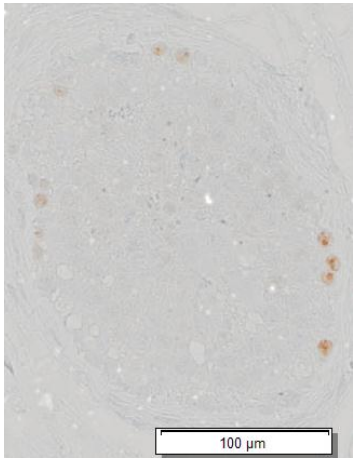
178. MAGEA4



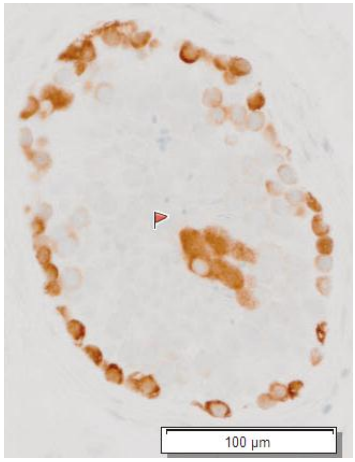
179. FGFR3



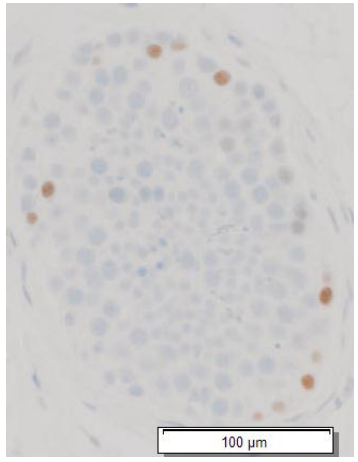
180. Ki67



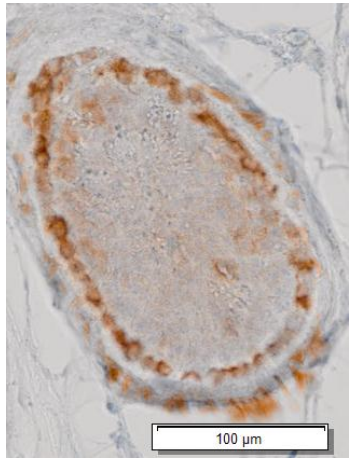
181. MAGEA4



182. SSX



185. MAGEA4



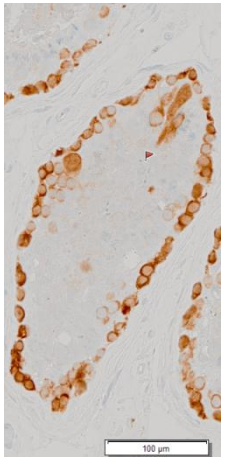
Clone no. 1-2_C38

A

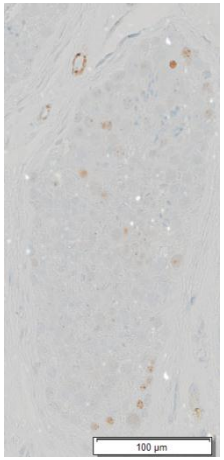
Clone no.	Location	Slide 178	Slide 179	Slide 180	Slide 181	Slide 182	Slide 183	Slide 184	Slide 185	Slide 186	Slide 187	Slide 188	Slide 189	Slide 190	Slide 191	Minimum number of cells
		MAGEA4	FGFR3	Ki67	MAGEA4	SSX	FGFR3	n.s	MAGEA4	n.s	n.s	n.s	n.s	n.s	MAGEA4	
1-2_C38	Near Periphery	0		0	1 4 cells	0	0		1 9 cells						0	33
					25 µm											

B

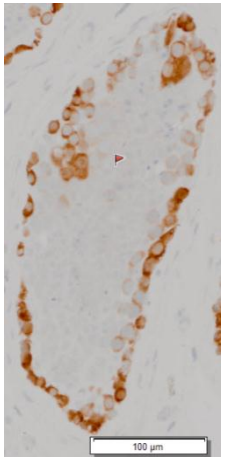
178. MAGEA4



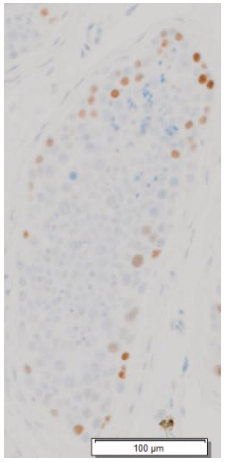
180. Ki67



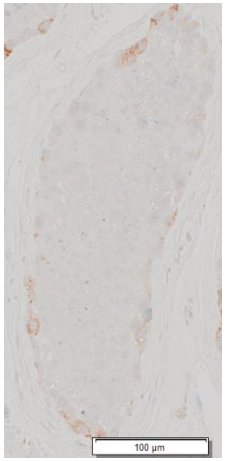
181. MAGEA4



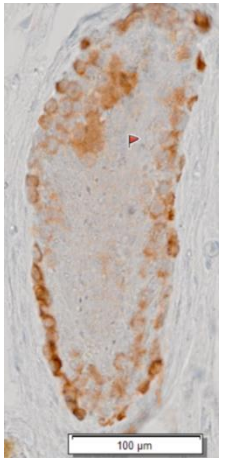
182. SSX



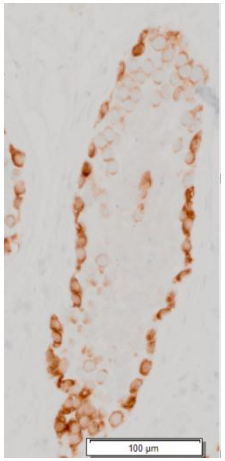
183. FGFR3



185. MAGEA4



191. MAGEA4



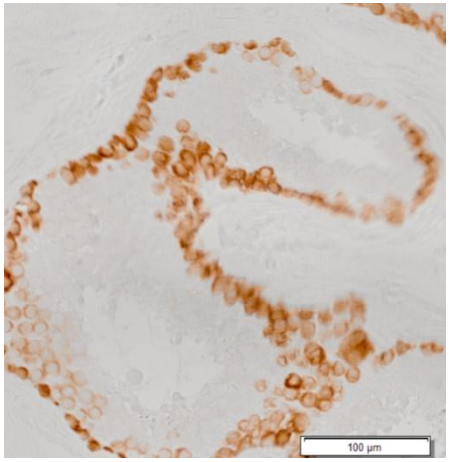
Clone no. 1-2_C39

A

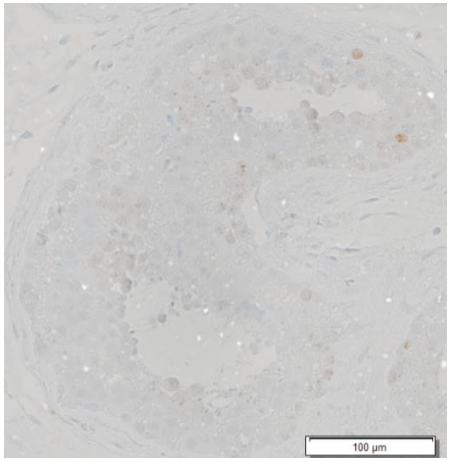
Clone no.	Location	Slide 178	Slide 179	Slide 180	Slide 181	Slide 182	Slide 183	Slide 184	Slide 185	Slide 186	Slide 187	Slide 188	Slide 189	Slide 190	Slide 191	Minimum number of cells
		MAGEA4	FGFR3	Ki67	MAGEA4	SSX	FGFR3	n.s	MAGEA4	n.s	n.s	n.s	n.s	n.s	MAGEA4	
1-2_C39	Near Periphery	0		0	1	0	0		1						0*	35
					3 cells				4 cells						2 cells	
					55 µm											

B

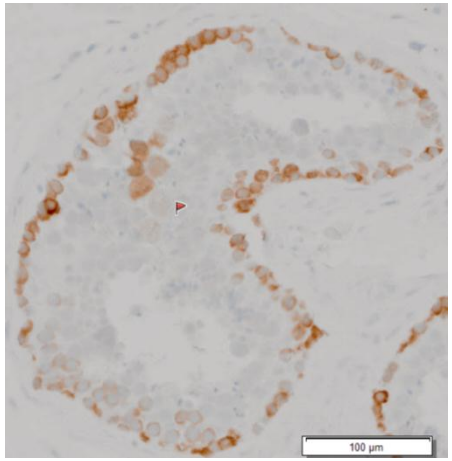
178. MAGEA4



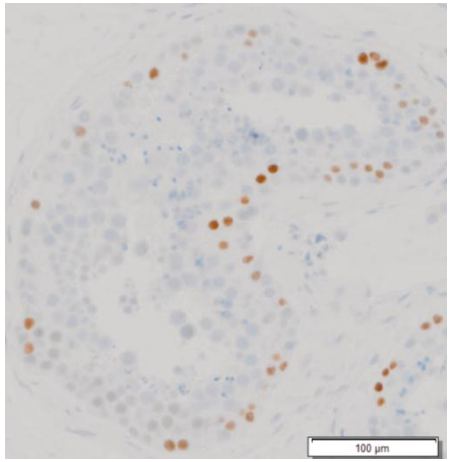
180. Ki67



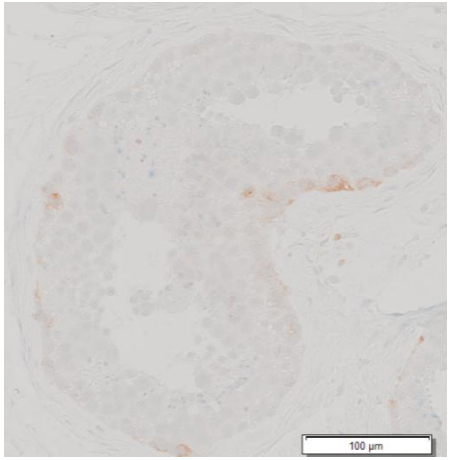
181. MAGEA4



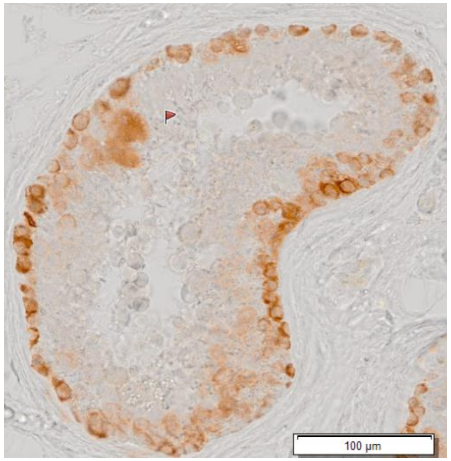
182. SSX



183. FGFR3



185. MAGEA4



191. MAGEA4