Protein	Dilution	Company
Writer		
METTL3	1:1000	Biorbyt #orb374082
METTL4	1:200	Novus #NBP1-82188
METTL14	1:100	Atlas Antibodies #HPA038002
WTAP	1:100	Atlas Antibodies #HPA010550
KIAA1429	1:25	Atlas Antibodies #HPA031530
Eraser		
FTO	1:50	Atlas Antibodies #HPA041086
ALKBH5	1:200	Novus #NBP1-82188
Reader		
HNRNPA2B1	1:100	Atlas Antibodies #HPA001666
HNRNPC	1:25	Atlas Antibodies #HPA051075
YTHDC1	1:25	Atlas Antibodies #HPA036462
YTHDF1	1:10	Biorbyt #orb179018
YTHDF2	1:200	Biorbyt #orb39199
YTHDF3	1:200	Biorbyt #orb374095

Table S1. Overview of antibodies and dilutions.

mRNA	p- value (log rank)	q-value	Hazard ratio	95% CI	p- value (cox)
Writer					
METTL3	0.497	0,718	1.172	0.740-1.855	0.498
METTL4	0.754	0,817	0.929	0.587-1.472	0.754
METTL14	**0.012**	0,156	1.814	1.129-2.915	**0.014**
WTAP	**0.041**	0,133	1.625	1.016-2.600	**0.043**
KIAA1429	**0.016**	0,104	1.760	1.106-2.800	**0.017**
Eraser					
FTO	0.801	0,801	1.061	0.670-1.681	0.801
ALKBH5	0.486	0,79	0.849	0.536-1.346	0.487
Reader					
HNRNPA2B1	0.091	0,197	1.487	0.936-2.361	0.093
HNRNPC	0.674	0,476	0.906	0.571-1.436	0.674
YTHDC1	**0.026**	0,113	0.592	0.371-0.944	**0.028**
YTHDF1	0.272	0,505	0.773	0.487-1.226	0.274
YTHDF2	0.674	0,797	1.104	0.697-1.748	0.674
YTHDF3	0.051	0,133	1.578	0.995-2.503	0.053

Table S2. Summary of analyzed mRNAs and their correlation with OS. *P*-values for the group comparison (low vs., high expression by median split) are based on log-rank tests, significance threshold $p<0.5$, estimated hazard ratios (HR) with 95% confidence intervals are based on univariate Cox regression analyses, significance threshold $p<0.5$. *Q*-values are based on multiple hypotheses testing using the method of Benjamini and Hochberg with a significance threshold of $q<0.1$.
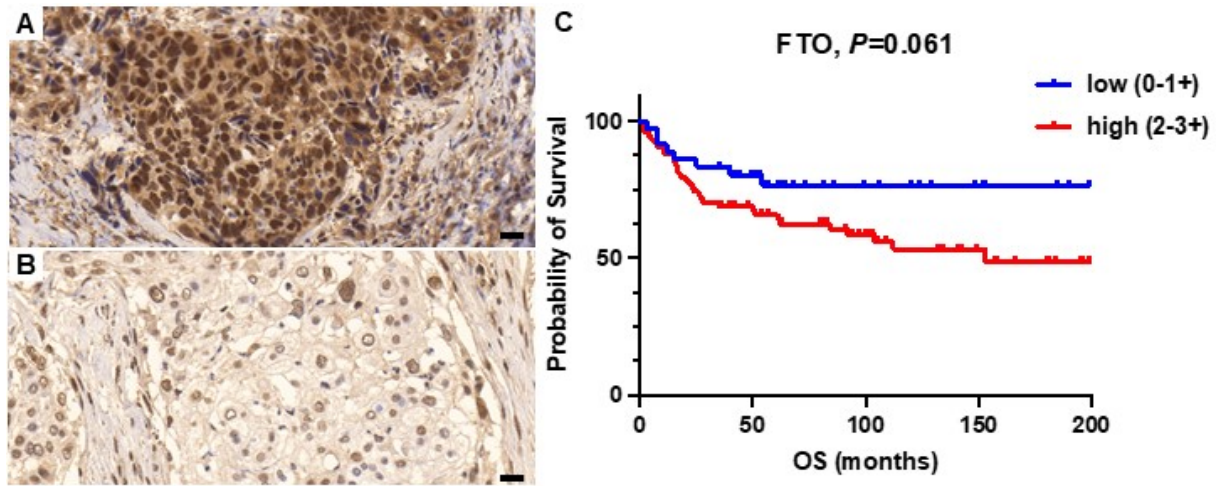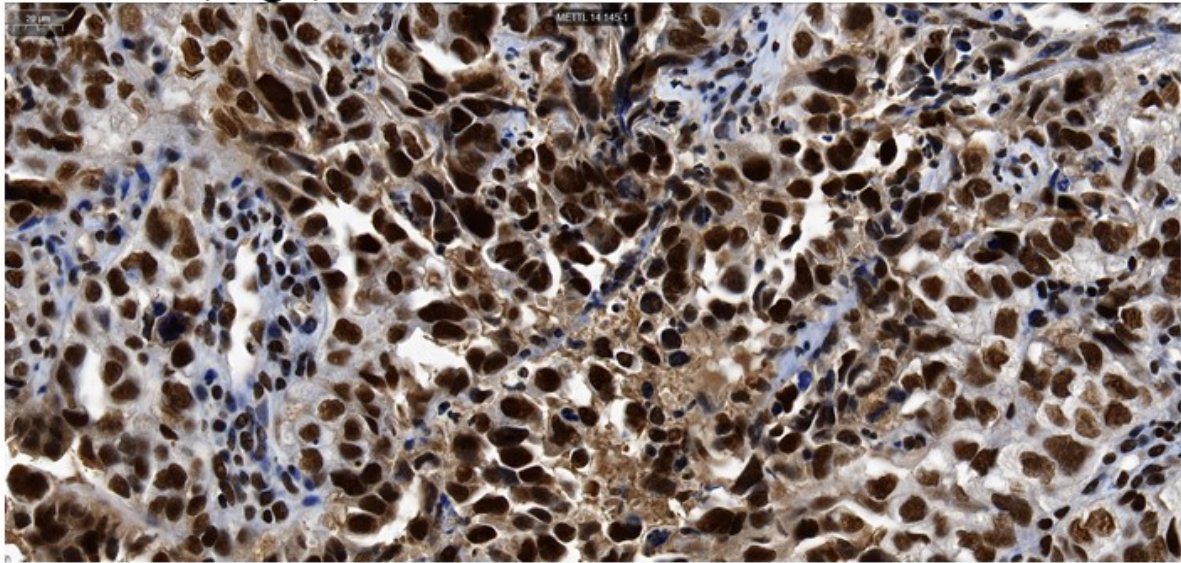
Figure S1. Representative histology sections show high (A) and low (B) expression levels of FTO visualized by immunohistochemistry; hematoxylin (blue) was used for nuclear staining (bright field image, 400x magnification). Kaplan-Meier estimates show a trend towards a shorter overall survival in patients with high expression of FTO. Scale bar = 20 μm.
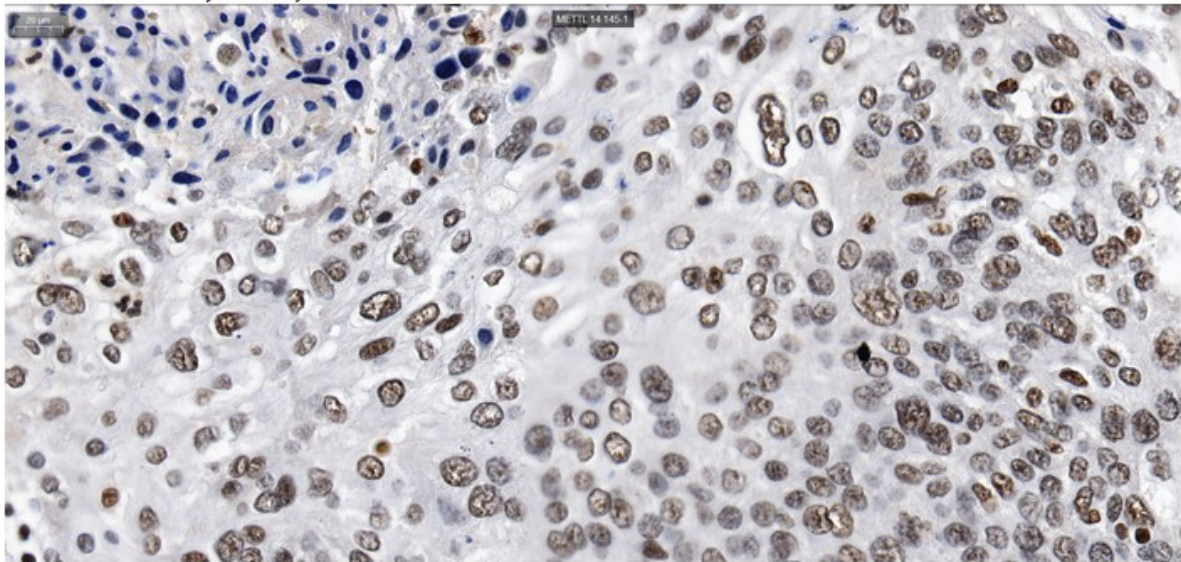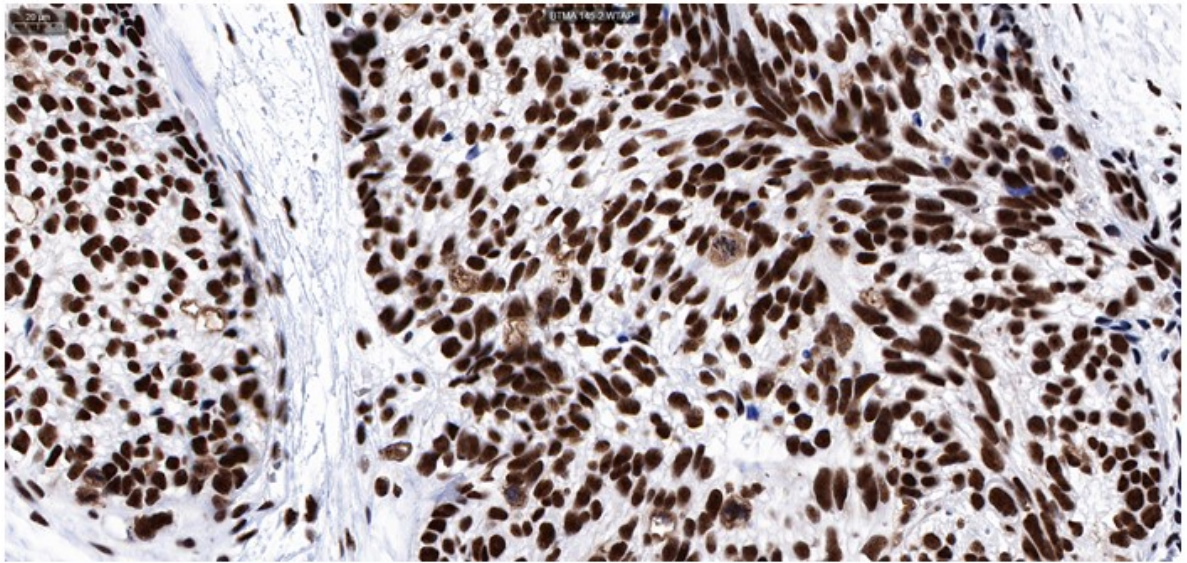
METTL14, high; 400x

METTL14, low; 400x

Figure S2. Representative histology sections show high (upper panel) and low (lower panel) expression levels of METTL14 visualized by immunohistochemistry; hematoxylin (blue) was used for nuclear staining (bright field image, 400x magnification). Scale bar = 20 μm.
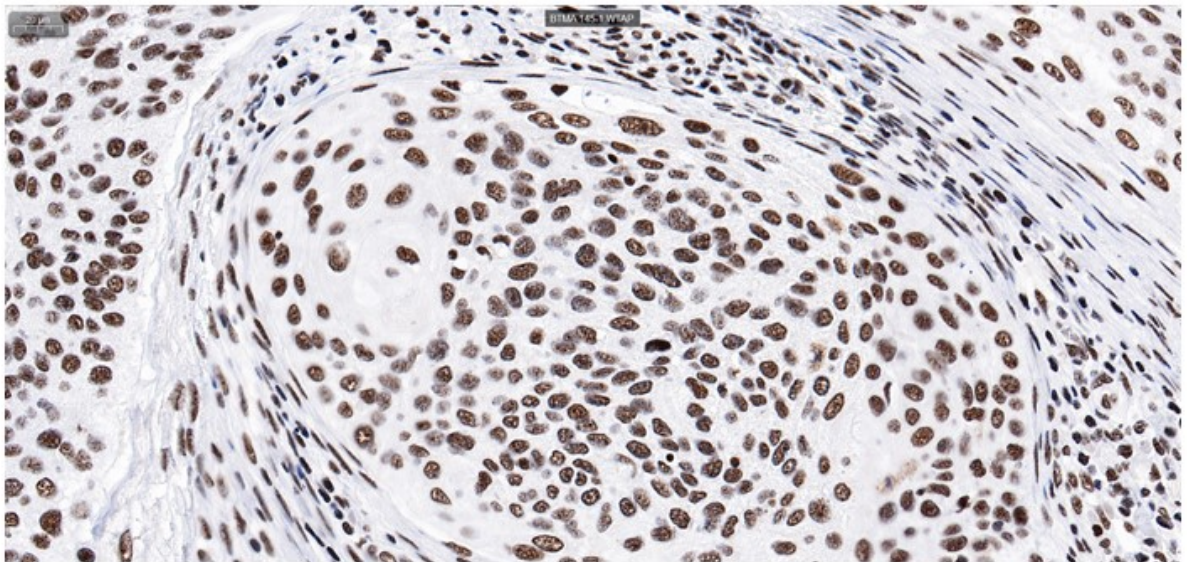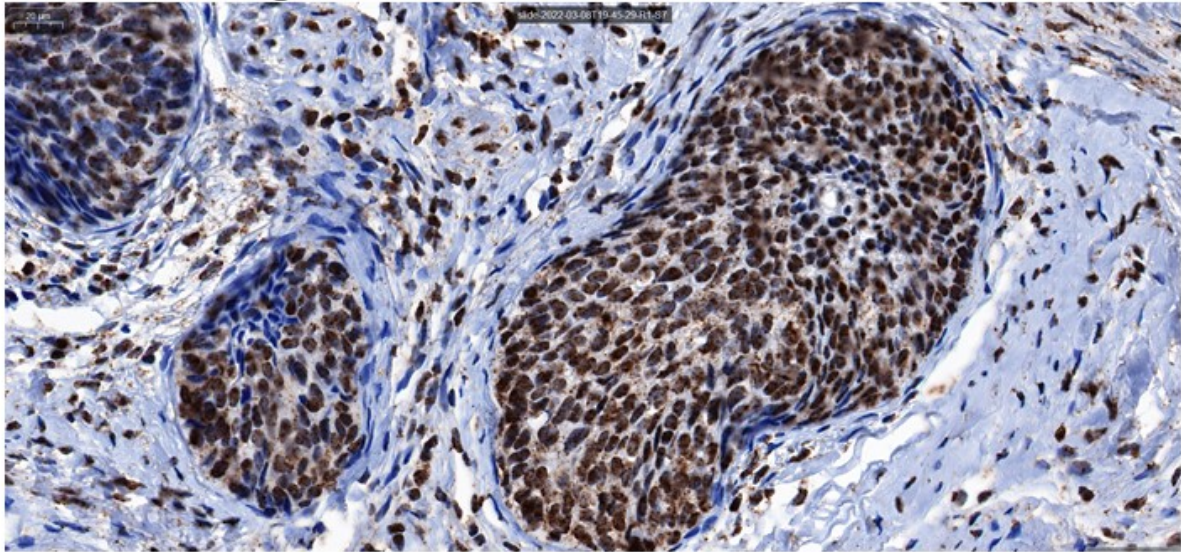
WTAP, high; 400x

WTAP, low; 400x

Figure S3. Representative histology sections show high (upper panel) and low (lower panel) expression levels of WTAP visualized by immunohistochemistry; hematoxylin (blue) was used for nuclear staining (bright field image, 400x magnification). Scale bar = 20 μm.

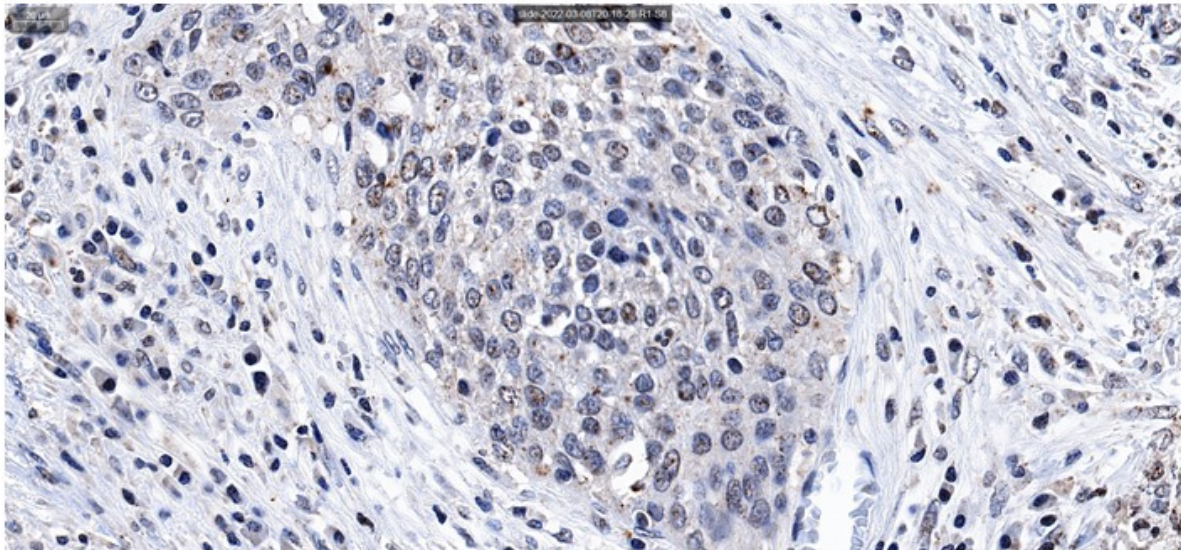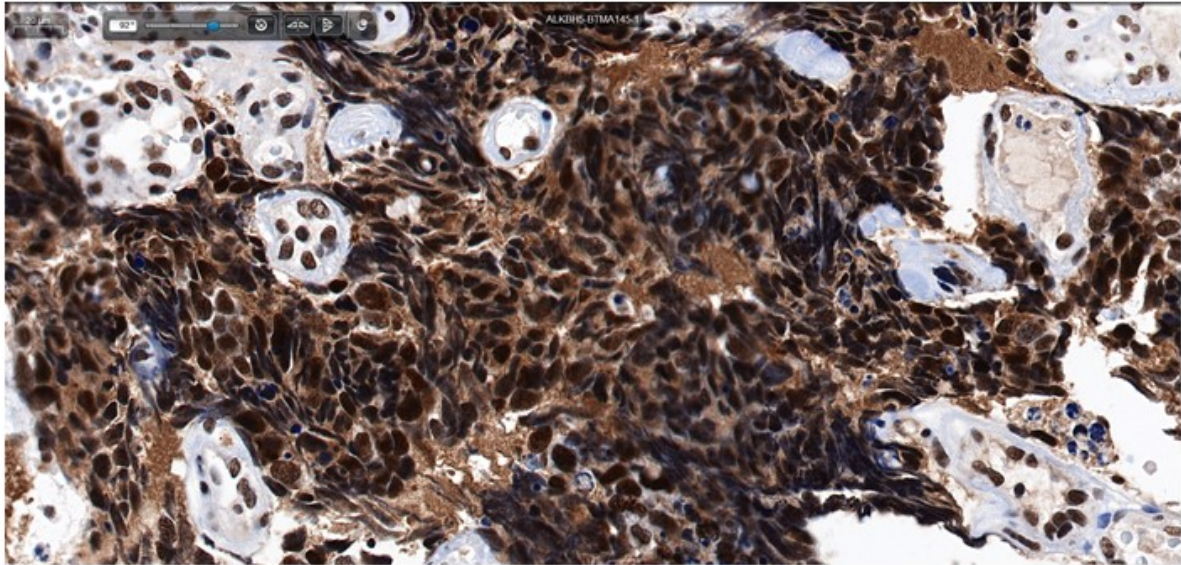**KIAA1429, high; 400x**

KIAA1429, low; 400x

Figure S4. Representative histology sections show high (upper panel) and low (lower panel) expression levels of KIAA1429 visualized by immunohistochemistry; hematoxylin (blue) was used for nuclear staining (bright field image, 400x magnification). Scale bar = 20 µm.

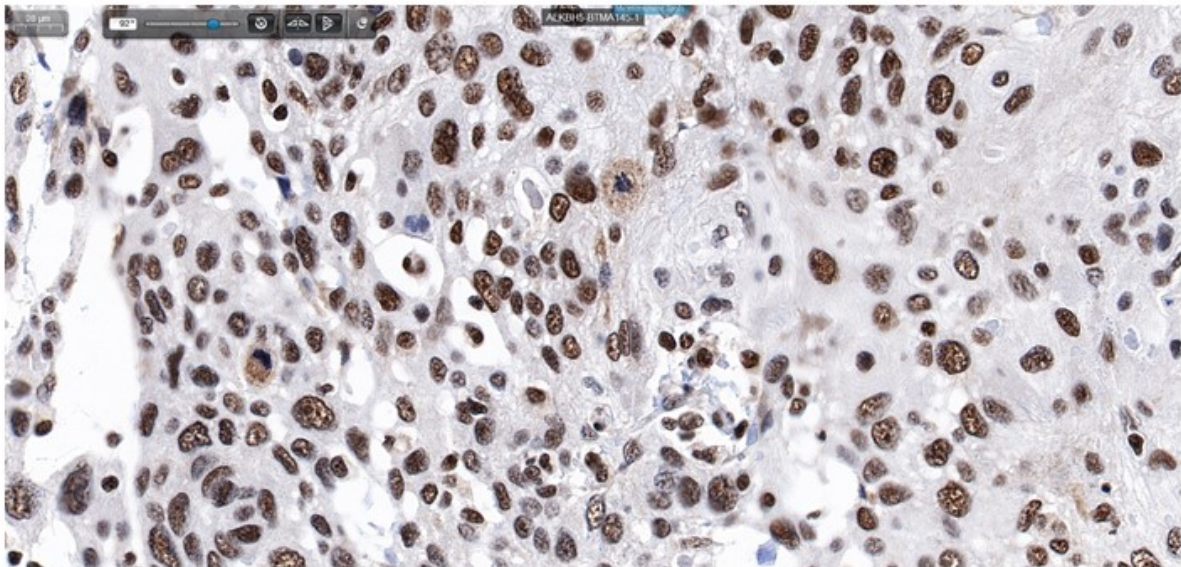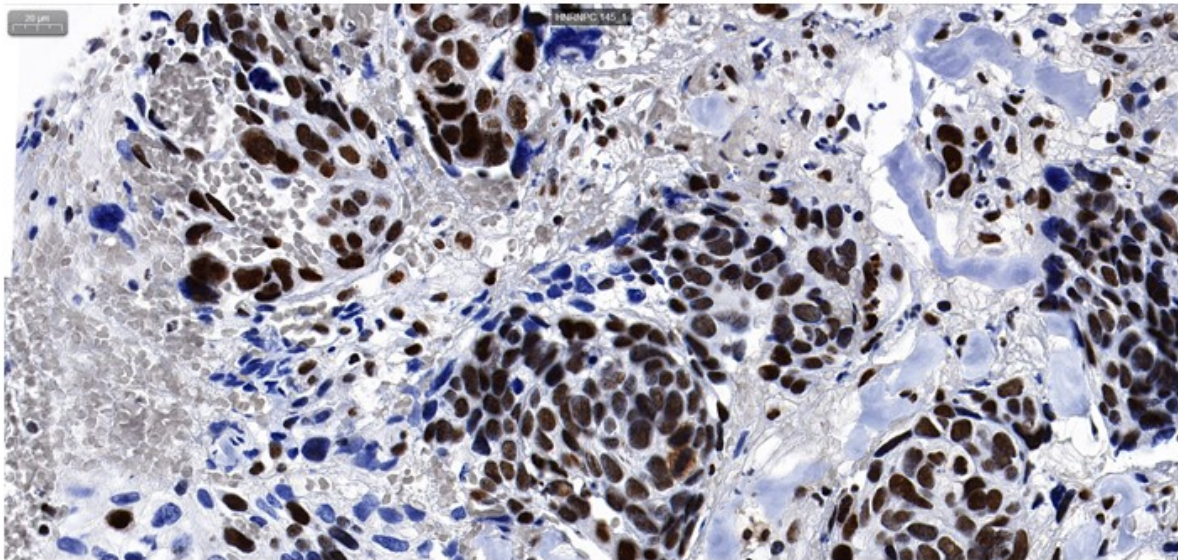**ALKBH5, high; 400x**

ALKBH5, low; 400x

Figure S5. Representative histology sections show high (upper panel) and low (lower panel) expression levels of ALKBH5 visualized by immunohistochemistry; hematoxylin (blue) was used for nuclear staining (bright field image, 400x magnification). Scale bar = 20 μm.

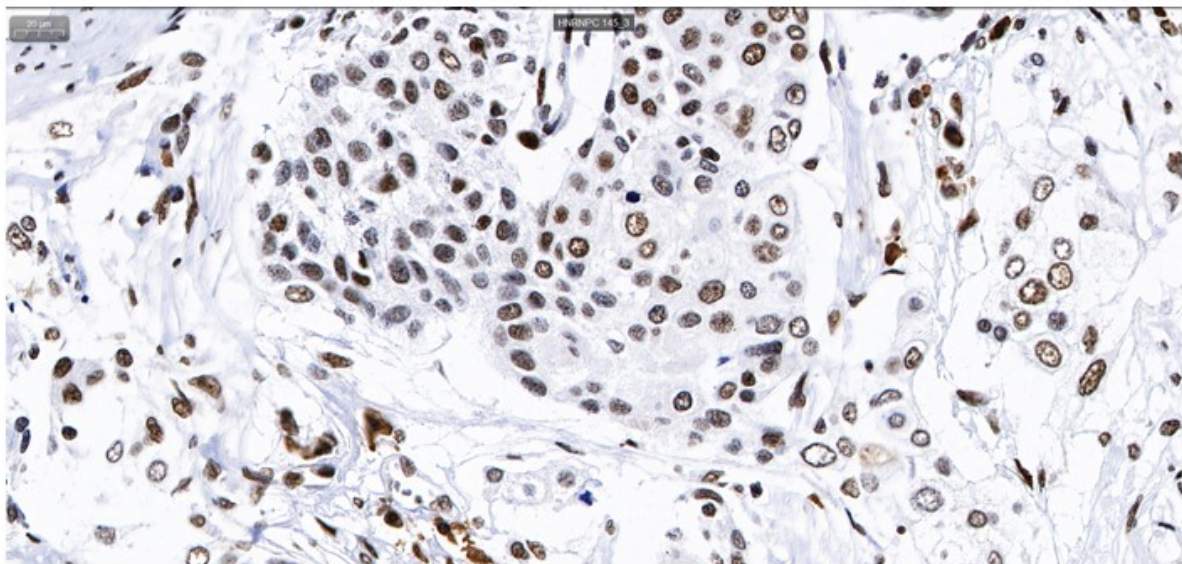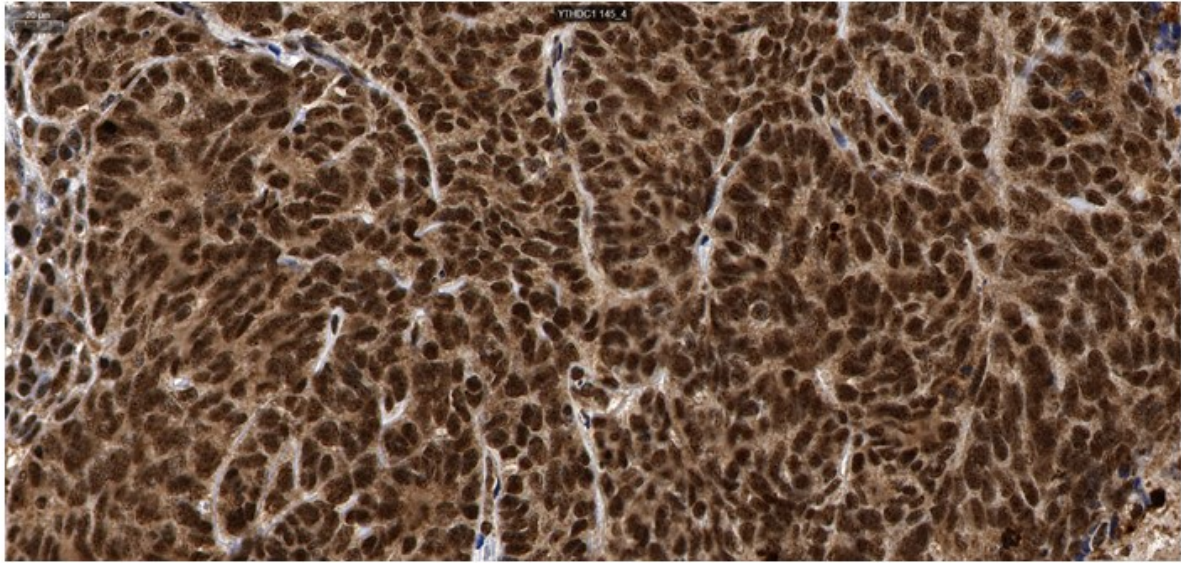**HNRNPC, high; 400x**

HNRNPC, low; 400x

Figure S6. Representative histology sections show high (upper panel) and low (lower panel) expression levels of HNRNPC visualized by immunohistochemistry; hematoxylin (blue) was used for nuclear staining (bright field image, 400x magnification). Scale bar = 20 µm.

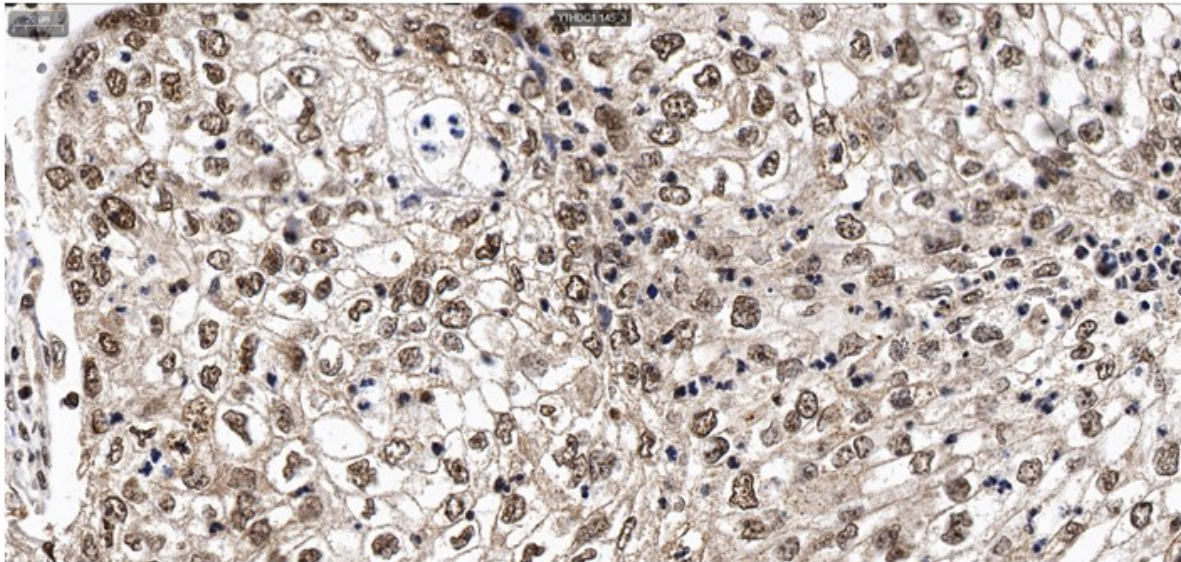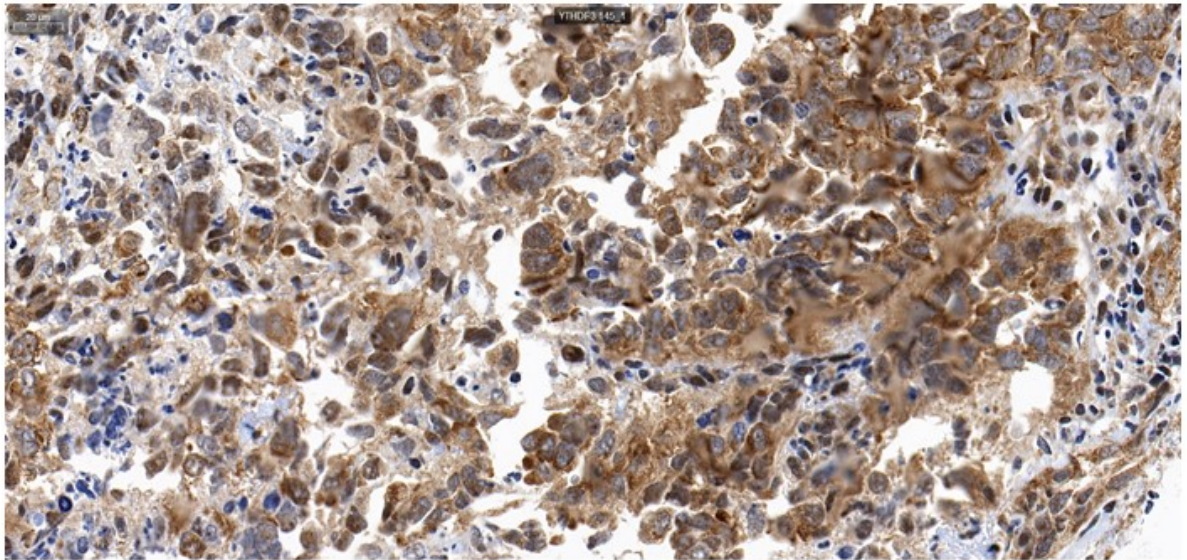**YTHDC1, high; 400x**

YTHDC1, low; 400x

Figure S7. Representative histology sections show high (upper panel) and low (lower panel) expression levels of YTHDC1 visualized by immunohistochemistry; hematoxylin (blue) was used for nuclear staining (bright field image, 400x magnification). Scale bar = 20 μm.

YTHDF3, high; 400x
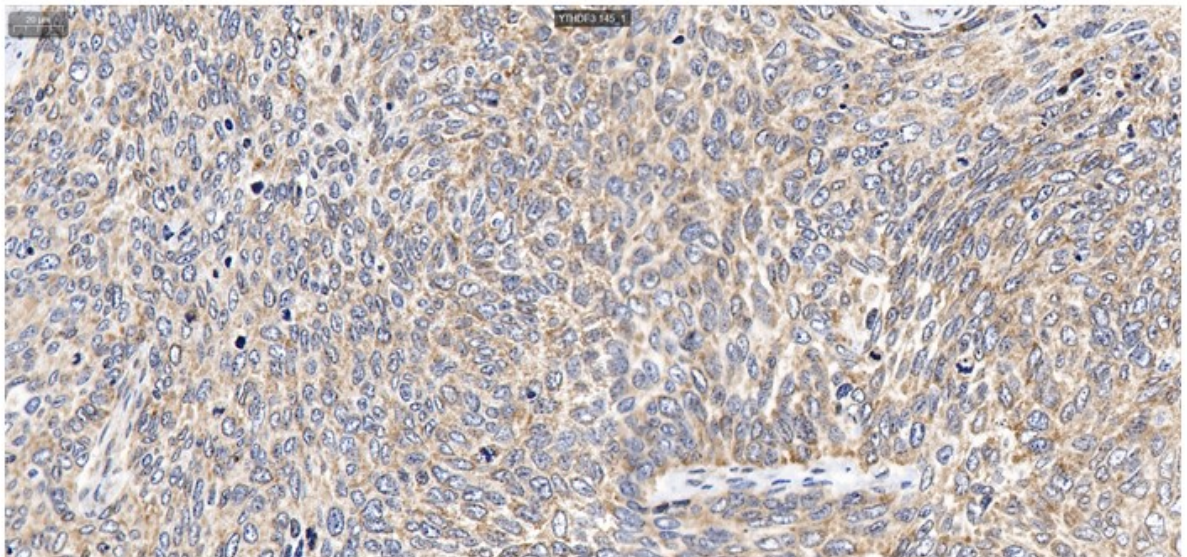

YTHDF3, low; 400x

Figure S8. Representative histology sections show high (upper panel) and low (lower panel) expression levels of YTHDF3 visualized by immunohistochemistry; hematoxylin (blue) was used for nuclear staining (bright field image, 400x magnification). Scale bar = 20 μm.