Table S1. Colony formation assay

Group	Colony Number	Colony formation rate (%)
Control	112±9	22.4±1.8
Hypoxia	185±14**	37.0±2.8
Hypoxia+si-ADAMTS9-AS2	268±18***	53.6±3.6
Hypoxia+EZH2-ov	164±12*	32.8±2.4
Hypoxia+si-ENO1	91±8***	18.2±1.6
Hypoxia+si-ADAMTS9-AS2 + EZH2-ov	171±15**	34.2±3.0
Hypoxia+EZH2-ov + si-ENO1	82±7***	16.4±1.4

Table S2. Cell invasion analysis

Group	Invasive cells/field
Control	65±8
Hypoxia	118±12**
Hypoxia+si-ADAMTS9-AS2	156±15***
Hypoxia+EZH2-ov	96±10*
Hypoxia+si-ENO1	54±7***
Hypoxia+si-ADAMTS9-AS2 + EZH2-ov	109±11**
Hypoxia+EZH2-ov + si-ENO1	47±6***

Table S3. Intracellular ATP levels

Group	ATP (nmol/mg protein)
Control	18.6±1.5
Hypoxia	25.3±2.1**
Hypoxia+si-ADAMTS9-AS2	34.8±2.9***
Hypoxia+EZH2-ov	22.7±1.8*
Hypoxia+si-ENO1	14.1±1.2***

Table S4. Glucose uptake and lactate production

Group	Glucose uptake (Relative Fluorescence)	Lactate (mmol/l)
Control	1.00±0.08	4.8±0.4
Hypoxia	1.58±0.12**	8.7±0.6**
Hypoxia+si-ADAMTS9-AS2	2.34±0.18***	13.2±0.9***
Hypoxia+EZH2-ov	1.41±0.11*	7.3±0.5*
Hypoxia+si-ENO1	0.78±0.07***	3.6±0.3***

Table S5. Intracellular ATP levels

Group	ATP (nmol/mg protein)
Control	18.6±1.5
Hypoxia	25.3±2.1**
Hypoxia+si-ADAMTS9-AS2	34.8±2.9***
Hypoxia+EZH2-ov	22.7±1.8*
Hypoxia+si-ENO1	14.1±1.2***

Table S6. ROS and mitochondrial membrane potential

Group	ROS (Relative fluorescence)	JC-1 Red/Green ratio
Control	1.00±0.09	4.8±0.4
Hypoxia	1.54±0.13**	3.6±0.3**
Hypoxia+si-ADAMTS9-AS2	2.26±0.18***	2.4±0.2***
Hypoxia+EZH2-ov	1.42±0.12*	3.9±0.3*
Hypoxia+si-ENO1	0.82±0.07***	5.3±0.5***

Table S7. RIP assay results

Group	Relative enrichment
IgG	1.00±0.12
EZH2-RIP	8.72±0.84***

Table S8. ENO1 alternative splicing analysis

Group	PSI (%)
Control	42.6±4.1
Hypoxia	58.4±5.2**
Hypoxia+si-ADAMTS9-AS2	76.8±6.3***
Hypoxia+EZH2-ov	51.5±4.8*
Hypoxia+si-ENO1	28.3±3.7***

Table S9. ChIP-qPCR enrichment analysis

Group	EZH2 Enrichment (Fold)	H3K9me3 Enrichment (Fold)
Control	1.00±0.08	1.00±0.09
Hypoxia	1.67±0.12**	1.52±0.11**
Hypoxia + si-ADAMTS9-AS2	2.85±0.23***	2.48±0.18***
Hypoxia + EZH2-ov	2.34±0.18***	2.12±0.16***
Hypoxia + si-ENO1	1.09±0.10	1.03±0.09

Table S10. Xenograft tumor growth

Group	Tumor volume (mm^3)	Tumor weight (g)
Control	756±92	0.62±0.08
si-ADAMTS9-AS2	1365±148***	1.18±0.12***
EZH2-ov	648±84*	0.55±0.07*
si-ENO1	421±65***	0.32±0.05***

Table S11. Immunohistochemical H-score aqnalysis

Group	Ki67	EZH2	ENO1	H3K9me3
Control	132±11	118±10	125±11	120±9
si-ADAMTS9-AS2	238±18***	212±16***	226±17***	218±15***
EZH2-ov	115±10*	236±18***	142±12*	231±18***
si-ENO1	82±8***	124±11	46±5***	122±10