

Additional file 1: Table S1. Serum carbonic anhydrase IX (CAIX) variables and progression-free survival (PFS) in locally advanced rectal cancer. Each of six datasets of serum CAIX measurements in study patients was divided into two groups above and below the individual median value. Differences between the two groups were calculated by log-rank test.

	Median CAIX value (range), pg/ml	<i>n</i>	Difference in PFS, <i>p</i>-value
Baseline	63 (17–591)	66	0.60
Post-NACT	213 (59–875)	66	0.03
Post-CRT	309 (48–1226)	54	0.45
Evaluation	80 (34–429)	50	0.75
Δ NACT	138 (from –4 to 659)	66	0.01
Δ CRT	208 (from –90 to 1022)	54	0.09

NACT: neoadjuvant chemotherapy.

CRT: chemoradiotherapy.

Δ NACT: paired serum sample measurements of CAIX following NACT *versus* baseline.

Δ CRT: paired serum sample measurements of CAIX following NACT and CRT *versus* baseline.