Supplemental Fig. 1: SLC39A14 exon array expression in two independent colorectal tissue datasets. 

A, Exon structure of SLC39A14 isoforms 1 and 2. The isoforms differ in exon 4 usage. Exons 4A or 4B are mutually exclusive. 

B, Exon array log2 expression for the individual exons of SLC39A14 in normal mucosa (n=9) and tumor samples (n=24) samples from Thorsen et al. 

C, Exon array log2 expression in normal mucosa (n=9) and tumor samples (n=9) samples from Gardina et al. Error bars represent SEM.
Supplemental Fig. 2: SLC39A14 exon array expression in gastric, lung and bladder tissue samples. A, Exon structure of SLC39A14 with isoform 1 and 2 containing exon 4B or 4A respectively. Exon array log2 expression for the individual exons of SLC39A14, in B, gastric cancer (GSE13195), C, lung cancer (GSE12236, Xi et al.), and D, bladder cancer (Thorsen et al.). Error bars represent SEM.
Supplemental Fig. 3: TCF4 binding sites in the proximity of the transcriptional start sites of SRPK1 and SRSF1. A recent study reported a genome-wide TCF4 binding profile determined by ChIP on chip (Hatzis et al.). This profile, encompassing 6868 high confidence TCF4 binding sites, was searched for TCF4 binding domains located within a 2 kb window located 5' to the first exon of A, SRPK1 and B, SRSF1.
Supplemental Fig 4: SRPK1 and SRSF1 exon array expression in gastric and lung tissue samples. Exon array log2 expression of SRPK1 and SRSF1. 

A, Expression of SRPK1 in 24 normal and 24 matched gastric cancer samples. P-values are indicated for normal vs. cancer. 

B, Expression of SRPK1 in 20 normal and 20 matched lung cancer samples. P-values are indicated for normal vs. cancer. 

C, Expression of SRSF1, in gastric cancer samples. 

D, Expression of SRSF1, in lung cancer samples.
Supplemental Fig. 5: Knockdown of SRPK1 and SRSF1 in SW480 cells and the effect on 4A/4B ratio. A, SRPK1 and SRSF1 qRT-PCR expression in SW480 cells treated with either control, SRPK1, or SRSF1 siRNA (50 nM or 100 nM). B, 4A/4B ratio after knockdown of SRPK1 or SRSF1 as in A. C, SRPK1 and SRSF1 qRT-PCR expression after their simultaneous knockdown in SW480 cells treated with 100 nM in total. D, 4A/4B ratio after simultaneous knockdown of SRPK1 and SRSF1 as in C.