

Supplemental Table S1. Pathological characteristics of patients with colon cancer.

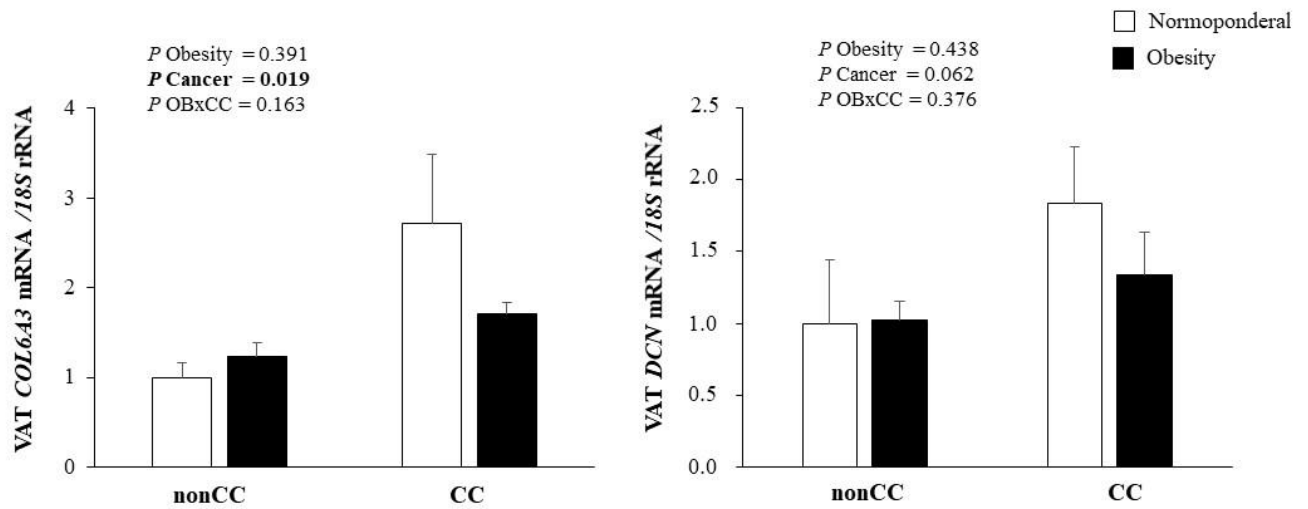
Location of primary lesion	n
Transverse colon	5
Right hemicolon	13
Left hemicolon	15
Missing	3
TNM stage	n
I	5
II	7
III	17
IV	4
Missing	3
Differentiation	n
Well	3
Moderately	25
Poorly and undifferentiated	5
Missing	3
Tumor size	n
≤ 5 cm	17
> 5 cm	8
Missing	11
Lymph node status	n
Positive	12
Negative	23
Missing	1

TNM, tumor, nodes, metastasis.

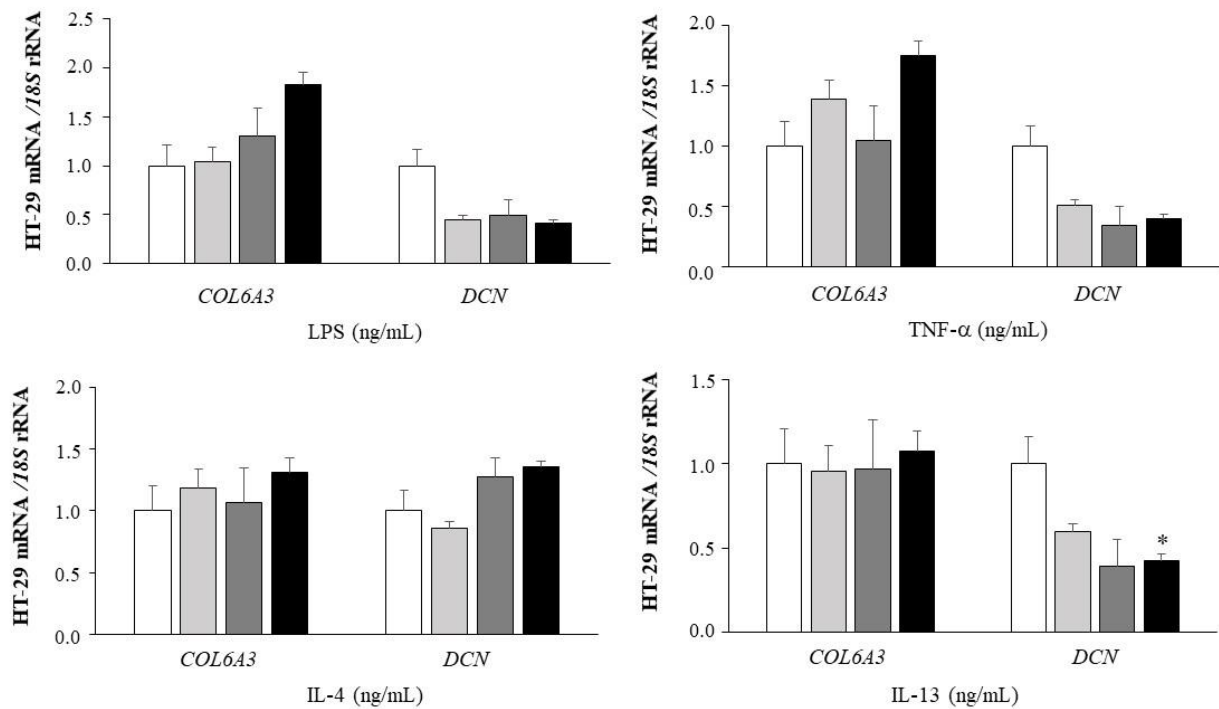
Supplemental Table S2. Primers and probes sequences.

Gene (GeneBank accession)	Sequences
<i>COL6A3</i> (NM_004369.3)	
Forward	GACGGAGATCTGGCTGATTTACA
Reverse	AGATGCATTAGCCGCTCCAA
TaqMan [®] Probe	FAM-AGAACCTCCGCCAAGAAGGAGTCCGT-TAMRA
<i>CTNNB1</i> (NM_001098209.2)	
Forward	ACGGCCTGCAGAGCTATTCA
Reverse	TGATCTTCTGCATGTTCCCAAAC
TaqMan [®] Probe	FAM-ATTCCTCTCTGACGGCGTGCTCTTCAGT-TAMRA
<i>DCN</i> (NM_001920.5)	
Forward	AGAAGCTCTCCTACATCCGCATT
Reverse	CTGCATCAACTCTGCTGATTTGT
Probe	FAM-TTCCTCAAGGTCTTCCTCCTTCCCTTACG-TAMRA
<i>MFAP2</i> (NM_002403)	
Forward	CAGTGTCTCAACGAGGTCTGCTT
Reverse	ATGGGCACACACTGTACGAACA
TaqMan [®] Probe	FAM-TACAGCCTCCGCCGTGTGTACGTCAT-TAMRA
<i>MUC2</i> (NM_002457)	
Forward	ACGGCCTGCAGAGCTATTCA
Reverse	TGATCTTCTGCATGTTCCCAAAC
TaqMan [®] Probe	FAM-ATTCCTCTCTGACGGCGTGCTCTTCAGT-TAMRA
<i>PTGS2</i> (NM_000963.4)	
Forward	GCTCAGCCATACAGCAAATCCT
Reverse	TGGTCAAATCCCACACTCATACTATA
TaqMan [®] Probe	FAM-TGTTCCCACCCATGTCAAACCGAGG-TAMRA
<i>SPPI</i> (NM_000582)	
Forward	CATCCAGTACCCTGATGCTACAGA
Reverse	GGCCTTGATATGCACCATTTCAA
TaqMan [®] Probe	FAM-ACATCACCTCACACATGGAAAGCGAGGA-TAMRA
<i>TGFBI</i> (NM_000660)	
Forward	GCCCAGCATCTGCAAAGC
Reverse	TCCTTGCGGAAGTCAATGTACA
TaqMan [®] Probe	FAM-CACCAACTATTGCTTCAGTCCACGGA-TAMRA

COL6A3, collagen type 6 α 3 chain; *CTNNB1*, catenin β ; *DCN*, decorin; *MFAP2*, microfibril-associated protein 2; *MUC2*, mucin 2; *PTGS2*, prostaglandin-endoperoxide synthase 2; *SPPI*, secreted phosphoprotein 1; *TGFBI*, transforming growth factor β .



Supplemental Figure S1. Effect of obesity and colon cancer (CC) on visceral adipose tissue (VAT) gene expression levels of (A) *COL6A3* and (B) *DCN* from normoponderal subjects (NP) and volunteers with obesity (OB) classified according the presence or absence of colon cancer (CC). Bars represent the mean \pm SEM. Differences between groups were analyzed by two-way ANCOVA. *COL6A3*, collagen type 6 α 3 chain; *DCN*, decorin.



Supplemental Figure S2. Impact of inflammation-related factors in the gene expression levels of the *COL6A3* and *DCN* in HT-29 colon cancer cells. Bar graphs show the effect of 24-h treatment with (A) LPS, (B) TNF- α , (C) IL-4 and (D) IL-13 on *COL6A3* and *DCN* mRNA levels. Values are the mean \pm SEM (n=6 per group). Differences between groups were analyzed by one-way ANOVA followed by Dunnett's tests. * $P < 0.05$ vs unstimulated cells. *COL6A3*, collagen type 6 $\alpha 3$ chain; *DCN*, decorin.