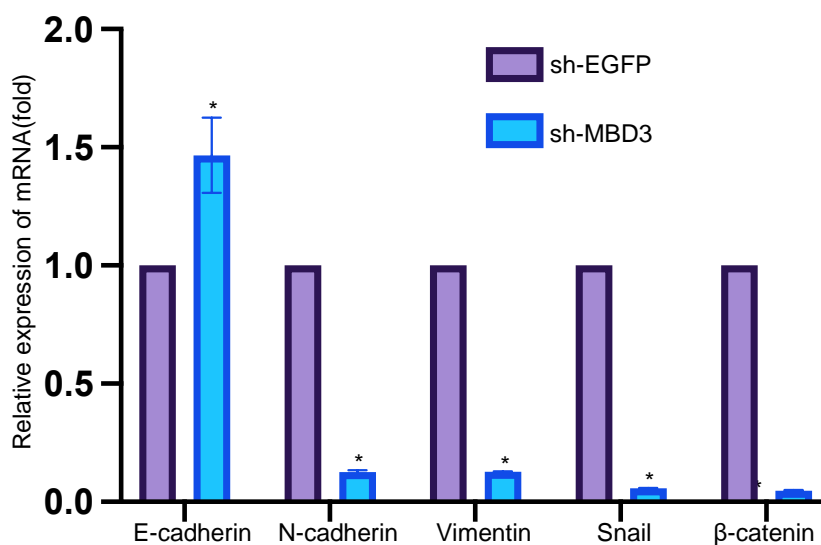


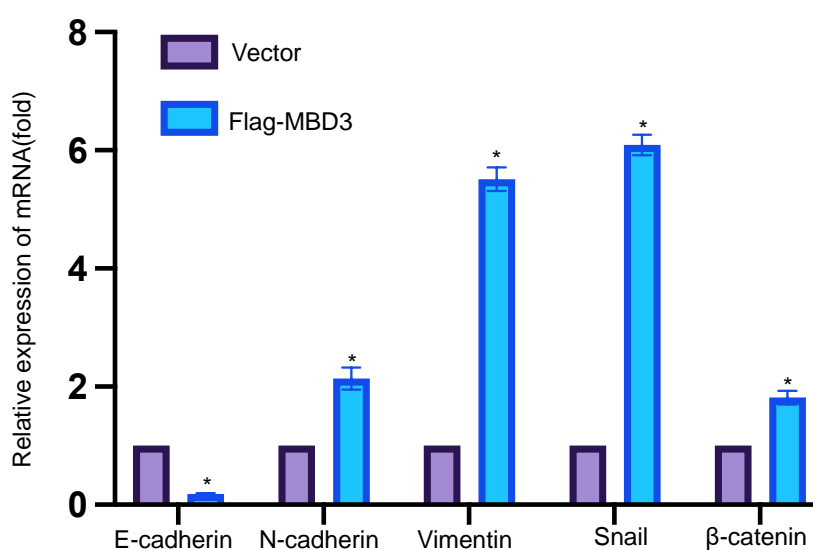
# Supplementary Materials: MBD3 as a Potential Biomarker for Colon Cancer: Implications for Epithelial-Mesenchymal Transition (EMT) Pathways

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A



B



**Figure S1.** Differential expression of EMT-related molecules:(A) and (B):Differential expression of EMT-related molecules in SW620 cells of sh-MBD3 and CaCO2 cells of flag-MBD3.**Table S1.** Association of full tumor names with abbreviations.

Cohort	Full Name
TCGA-ACC	Adrenocortical carcinoma
TCGA-BLCA	Bladder Urothelial Carcinoma
TCGA-BRCA	Breast invasive carcinoma
TCGA-CESC	Cervical squamous cell carcinoma and endocervical adenocarcinoma
TCGA-CHOL	Cholangiocarcinoma
TCGA-COAD	Colon adenocarcinoma
TCGA-COAD-READ	Colon adenocarcinoma/Rectum adenocarcinoma Esophageal carcinoma
TCGA-DLBC	Lymphoid Neoplasm Diffuse Large B-cell Lymphoma
TCGA-ESCA	Esophageal carcinoma
TCGA-FPPP	FFPE Pilot Phase II
TCGA-GBM	Glioblastoma multiforme
TCGA-GBMLGG	Glioma
TCGA-HNSC	Head and Neck squamous cell carcinoma
TCGA-KICH	Kidney Chromophobe
TCGA-KIPAN	Pan-kidney cohort (KICH+KIRC+KIRP)
TCGA-KIRC	Kidney renal clear cell carcinoma
TCGA-KIRP	Kidney renal papillary cell carcinoma
TCGA-LAML	Acute Myeloid Leukemia
TCGA-LGG	Brain Lower Grade Glioma
TCGA-LIHC	Liver hepatocellular carcinoma
TCGA-LUAD	Lung adenocarcinoma
TCGA-LUSC	Lung squamous cell carcinoma
TCGA-MESO	Mesothelioma
TCGA-OV	Ovarian serous cystadenocarcinoma
TCGA-PAAD	Pancreatic adenocarcinoma
TCGA-PCPG	Pheochromocytoma and Paraganglioma
TCGA-PRAD	Prostate adenocarcinoma
TCGA-READ	Rectum adenocarcinoma
TCGA-SARC	Sarcoma
TCGA-STAD	Stomach adenocarcinoma
TCGA-SKCM	Skin Cutaneous Melanoma
TCGA-STES	Stomach and Esophageal carcinoma
TCGA-TGCT	Testicular Germ Cell Tumors
TCGA-THCA	Thyroid carcinoma
TCGA-THYM	Thymoma
TCGA-UCEC	Uterine Corpus Endometrial Carcinoma
TCGA-UCS	Uterine Carcinosarcoma
TCGA-UVM	Uveal Melanoma
TARGET-OS	Osteosarcoma
TARGET-ALL	Acute Lymphoblastic Leukemia
TARGET-NB	Neuroblastoma
TARGET-WT	High-Risk Wilms Tumor

**Table S2.** Primer Oligonucleotides.

Name	Primer Sequence (5'-3')
E-cadherin-F	5'-ATTTTTCCTCGACACCCGAT-3'
E-cadherin-R	5'-TCCCAGGCGTAGACCAAGA-3'
β-catenin-F	5'-AAAGCGGCTGTTAGTCACTGG-3'
β-catenin-R	5'-CGAGTCATTGCATACTGTCCAT-3'.
Vimentin-F	5'-AGTCCACTGAGTACCGGAGAC-3'

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Vimentin-R	5'-CATTTCACGCATCTGGCGTTC-3'
N-cadherin-F	5'- TCAGGCGTCTGTAGAGGCTT-3'
N-cadherin-R	5'-ATGCACATCCTTCGATAAGACTG-3'
Snail-F	5'-TCGGAAGCCTAACTACAGCGA-3'
Snail-R	5'-AGATGAGCATTGGCAGCGAG-3'

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