

Table SI. Candidate genes (n=99) with putative methylation in colorectal cancer.

Gene symbol	Probes	Gene name	Location
ABCC3	208161_s_at	ATP binding cassette subfamily C member 3	17q21.33
AG2	227099_s_at	Protein Ag2 homolog	11p11.2
AKAP12	227529_s_at	A-kinase anchoring protein 12	6q25.1
ANK3	206385_s_at	Ankyrin 3	10q21.2
ARMCX1	218694_at	Armadillo repeat containing X-linked 1	Xq22.1
ATP2A3	207522_s_at	ATPase sarcoplasmic/endoplasmic reticulum Ca2+ transporting 3	17p13.2
BASP1	202391_at	Brain abundant membrane attached signal protein 1	5p15.1
BEX4	215440_s_at	Brain expressed X-linked 4	Xq22.1
BMP2	205290_s_at	Bone morphogenetic protein 2	20p12.3
C3	217767_at	Complement C3	19p13.3
C7orf58	228728_at	Chromosome 7 open reading frame 58	7q31.31
CRIP1	205081_at	Cysteine rich protein 1	14q32.33
CYP4V2	228391_at	Cytochrome P450 family 4 subfamily V member 2	4q35.1-q35.2
DDR2	225442_at	Discoidin domain receptor tyrosine kinase 2	1q23.3
DDX60L	228152_s_at	DEXD/H-box 60 like	4q32.3
EPB41L4A	228256_s_at	Erythrocyte membrane protein band 4.1 like 4A	5q22.1-q22.2
F2RL1	213506_at	F2R like trypsin receptor 1	5q13.3
FAM150B	238018_at	Family with sequence similarity 150 member B	2p25.3
FBLN2	203886_s_at	Fibulin 2	3p25.1
FERMT2	209210_s_at	Fermitin family member 2	14q22.1
FHL1	201540_at	Four and a half LIM domains 1	Xq26.3
FKBP1B	206857_s_at	FKBP prolyl isomerase 1B	2p23.3
FLNC	207876_s_at	Filamin C	7q32.1
FST	226847_at	Follistatin	5q11.2
GCOM1	228568_at	GRINL1A complex locus 1	15q21.3
GJB2	223278_at	Gap junction protein beta 2	13q12.11
GNB4	225710_at	G protein subunit beta 4	3q26.33
GPAT2	235557_at	Glycerol-3-phosphate acyltransferase 2, mitochondrial	2q11.2
GPOR	210640_s_at	G protein-coupled estrogen receptor	7p22.3
GPNUMB	201141_at	Glycoprotein numb	7p15.3
GPR133	232267_at	G protein-coupled receptor 133	12q24.33
GPR27	227769_at	G protein-coupled receptor 27	3p13
GPRC5A	203108_at	G protein-coupled receptor class C group 5 member A	12p13.1
GPX3	214091_s_at	Glutathione peroxidase 3	5q33.1
HBA1 /// HBA2	214414_x_at	Hemoglobin subunit alpha 1 /// hemoglobin subunit alpha 2	16p13.3
HCLS1	202957_at	Hematopoietic cell-specific Lyn substrate 1	3q13.33
HIST1H3E	236278_at	Histone cluster 1 H3 family member e	6p22.2
HIST1H4H	232035_at	Histone cluster 1 H4 family member h	6p22.2
HSPA1A	200799_at	Heat shock protein family A (Hsp70) member 1A	6p21.33
HSPA2	211538_s_at	Heat shock protein family A (Hsp70) member 2	14q23.3
HSPB8	221667_s_at	Heat shock protein family B (small) member 8	12q24.23
IL18	206295_at	Interleukin 18	11q23.1
IL7R	226218_at	Interleukin 7 receptor	5p13.2
KLF4	221841_s_at	Kruppel like factor 4	9q31.2
KRT19	201650_at	Keratin 19	17q21.2
KRT8	209008_x_at	Keratin 8	12q13.13
LAMB3	209270_at	Laminin subunit beta 3	1q32.2
LOC728342	239319_at	Hypothetical protein LOC728342	-
MAF	209348_s_at	MAF bZIP transcription factor	16q23.2
MAGEH1	218573_at	MAGE family member H1	Xp11.21
MCC	226225_at	MCC regulator of WNT signaling pathway	5q22.2
MGC9913	244741_s_at	Hypothetical protein MGC9913	19q13.43
MGLL	225102_at	Monoglyceride lipase	3q21.3
NAPIL3	204749_at	Nucleosome assembly protein 1 like 3	Xq21.32
NDN	209550_at	Necdin, MAGE family member	15q11.2
NLRP2	221690_s_at	NLR family pyrin domain containing 2	19q13.42

Table SI. Continued.

Gene symbol	Probes	Gene name	Location
NPTX1	204684_at	Neuronal pentraxin 1	17q25.3
NR3C1	201865_x_at	Nuclear receptor subfamily 3 group C member 1	5q31.3
NT5E	203939_at	5'-nucleotidase ecto	6q14.3
NUPR1	209230_s_at	Nuclear protein 1, transcriptional regulator	16p11.2
PADI2	209791_at	Peptidyl arginine deiminase 2	1p36.13
PAG1	225626_at	Phosphoprotein membrane anchor with glycosphingolipid microdomains 1	8q21.13
PARM1	225809_at	Prostate androgen-regulated mucin-like protein 1	4q13.3
PCLO	213558_at	Piccolo presynaptic cytomatrix protein	7q21.11
PDZRN3	212915_at	PDZ domain containing ring finger 3	3p13
PEG3	209242_at	Paternally expressed 3	19q13.43
PELI2	219132_at	Pellino E3 ubiquitin protein ligase family member 2	14q22.3
PER3	221045_s_at	Period circadian regulator 3	1p36.23
PKIB	223551_at	cAMP-dependent protein kinase inhibitor beta	6q22.31
PLAC8	219014_at	Placenta associated 8	4q21.22
PLAT	201860_s_at	Plasminogen activator, tissue type	8p11.21
PPP1R14A	227006_at	Protein phosphatase 1 regulatory inhibitor subunit 14A	19q13.2
PRAC	230784_at	PRAC1 small nuclear protein	17q21.32
PTPRR	210675_s_at	Protein tyrosine phosphatase receptor type R	12q15
PTPRS	226571_s_at	Protein tyrosine phosphatase receptor type S	19p13.3
QKI	212265_at	QKI, KH domain containing RNA binding	6q26
RAB34	1555630_a_at	RAB34, member RAS oncogene family	17q11.2
RASD1	223467_at	Ras related dexamethasone induced 1	17p11.2
RASSF2	203185_at	Ras association domain family member 2	20p13
RBM24	235004_at	RNA binding motif protein 24	6p22.3
RBM47	218035_s_at	RNA binding motif protein 47	4p14
RDX	212397_at	Radixin	11q22.3
RET	211421_s_at	Ret proto-oncogene	10q11.21
SDC2	212158_at	Syndecan 2	8q22.1
SGCE	204688_at	Sarcoglycan epsilon	7q21.3
SHROOM3	228400_at	Shroom family member 3	4q21.1
SLAMF7	222838_at	SLAM family member 7	1q23.3
SRGN	201859_at	Serglycin	10q22.1
STOM	201061_s_at	Stomatin	9q33.2
TC2N	234970_at	Tandem C2 domains, nuclear	14q32.12
TES	202720_at	Testin LIM domain protein	7q31.2
TFPI2	209278_s_at	Tissue factor pathway inhibitor 2	7q21.3
TIMP2	231579_s_at	TIMP metalloproteinase inhibitor 2	17q25.3
TPM2	204083_s_at	Tropomyosin 2	9p13.3
TUBB6	209191_at	Tubulin beta 6 class V	18p11.21
UCHL1	201387_s_at	Ubiquitin C-terminal hydrolase L1	4p13
VAMP8	202546_at	Vesicle associated membrane protein 8	2p11.2
ZNF542	239250_at	Zinc finger protein 542	19q13.43
ZSCAN18	218312_s_at	Zinc finger and SCAN domain containing 18	19q13.43