

Supplementary File 1A

List of samples used in the marker discovery analysis

SAMPLES USED FOR THE MARKER DISCOVERY

Sample_Name	Tissue_type	Donor_type	Dataset	Sentrix_ID	Sentrix_Position	Official_name
C10	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3998998097	R02C02	C10
C106	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455219	R03C02	C106
C125PM	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3999875059	R06C02	C125PM
C146	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3999876007	R02C01	C146
C170	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455225	R05C01	C170
C32	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3998426028	R06C01	C32
C70	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3998426028	R06C02	C70
C75	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647450147	R05C02	C75
C80	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455207	R01C01	C80
C84	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455254	R05C02	C84
C99	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3999002152	R06C01	C99
CACO2	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3998426003	R06C01	CACO-2
CaR1	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	200486890054	R06C01	CAR-1
CCK81	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3999002152	R02C01	CCK81
CL11	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3998426028	R01C02	CL-11
CL14	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455235	R06C01	CL-14
CL34	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3999875081	R01C02	CL-34
CL40	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455254	R02C01	CL-40
Co115	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455235	R05C01	Co-115
COCM1	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3999002152	R04C02	COCM-1
COGA1	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	10011071041	R01C01	COGA-1
COGA12	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455255	R06C01	COGA-12
COGA2	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	10011071041	R02C02	COGA-2
COGA3	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	10011071041	R03C02	COGA-3
COGA5	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3999875059	R01C01	COGA-5
COGA5L	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455197	R01C02	COGA-5L
COGA8	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3999875129	R03C02	COGA-8
COLO201	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	10011071041	R04C01	COLO-201
COLO205	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	200486890054	R01C02	COLO-205
COLO320DM	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	10011071041	R06C02	COLO-320DM
COLO320HSR	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	200486890054	R02C02	COLO-320HSR
COLO60H	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3999875129	R06C01	COLO-60H
COLO678	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3998426028	R01C01	COLO-678
COLO94H	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455197	R01C01	COLO-94H
CX1	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3999875081	R03C01	CX1
DiFi	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	10011071041	R05C02	DiFi
DLD1	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	200486890054	R03C02	DLD1
FET	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3999002152	R05C02	FET
GEO	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455251	R04C01	GEO
GP2d	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455255	R05C02	GP2d
Gp5D	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	200693590020	R01C01	Gp5d
HCA24	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455172	R02C01	HCA24
HCA46	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3998998097	R02C01	HCA46
HCA7	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455255	R04C02	HCA7
HCC2998	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3998426003	R05C02	HCC2998
HCT116	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	200486890054	R04C02	HCT-116
HCT15	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	200486890054	R05C02	HCT-15
HCT8	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	10011071041	R06C01	HCT-8
HDC114	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455164	R05C01	HDC114
HDC135	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455255	R03C01	HDC135
HDC142	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	10006823050	R02C01	HDC142
HDC143	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3999875089	R06C01	HDC143
HDC54	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455235	R03C02	HDC54
HDC8	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455199	R03C01	HDC8
HDC82	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455172	R06C02	HDC82
HDC9	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455199	R02C01	HDC9
HRA16	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647450147	R06C02	HRA16
HROC18	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	10006823050	R04C02	HROC18
HROC24	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455172	R02C02	HROC24
HROC32	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3998998097	R05C02	HROC32
HROC39	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455255	R02C01	HROC39
HROC46	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455235	R01C01	HROC46
HROC69	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455251	R04C02	HROC69
HROC80	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455219	R06C01	HROC80
HROC87	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647450134	R05C01	HROC87
HT115	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	200486890054	R06C02	HT-115
HT29	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	200693590019	R01C01	HT-29
HT55	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	200693590020	R02C01	HT-55
HUTU80	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	200693590019	R02C01	HuTu80
KM12	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	200693590020	R03C01	KM-12
KM12C	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455172	R03C01	KM-12C
KM12SM	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3999875089	R05C01	KM-12SM
KM20	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3999875081	R06C01	KM-20
LIM1215	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	10011071041	R02C01	LIM-1215
LIM1899	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647450134	R04C01	LIM-1899
LIM2099	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3998998097	R06C01	LIM-2099
LIM2405	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455199	R02C02	LIM-2405
LIM2412	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647450134	R02C01	LIM-2412
LIM2537	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455251	R05C02	LIM-2537
LIM2550	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455172	R05C02	LIM-2550
LIM2551	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455172	R01C01	LIM-2551
LoVo	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3998426003	R03C02	LoVo
LS1034	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3998426003	R06C02	LS1034
LS123	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	200693590020	R04C01	LS123
LS174T	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3998998097	R06C02	LS174T
LS180	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	200693590019	R03C01	LS180
LS411N	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3998426003	R03C01	LS411N
LS513	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	200693590020	R02C02	LS513
MDST8	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	200693590019	R04C01	MDST8
MIP101	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	10006823050	R01C02	MIP101
NCIH498	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3999875081	R04C01	NCI-H498
NCIH508	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	10006823050	R05C01	NCI-H508

NCIH630	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	200693590020	R05C01	NCI-H630
NCIH684	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455255	R01C02	NCI-H684
NCIH716	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	200693590019	R05C01	NCI-H716
NCIH747	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	200693590019	R06C01	NCI-H747
OUMS23	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455199	R01C01	OUMS-23
OXCO1	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455235	R01C02	OXCO1
OXCO2	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	10006823050	R03C02	OXCO2
OXCO3	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3998975118	R03C01	OXCO3
RCM1	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	200693590019	R01C02	RCM1
RKO	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3998426003	R01C01	RKO
RW7213	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455123	R04C01	RW7213
SKCO1	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3998426028	R02C02	SKCO-1
SNU1033	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455172	R01C02	SNU-1033
SNU1040	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3998426028	R04C02	SNU-1040
SNU1047	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3998426028	R02C01	SNU-1047
SNU1181	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3998975118	R04C01	SNU-1181
SNU1235	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647450147	R04C01	SNU-1235
SNU1406	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	10006823050	R04C01	SNU-1406
SNU1411	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647450147	R05C01	SNU-1411
SNU1460	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	10006823050	R06C02	SNU-1460
SNU1544	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	10006823050	R06C01	SNU-1544
SNU1684	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455225	R04C01	SNU-1684
SNU1746	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455225	R03C02	SNU-1746
SNU175	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3998426028	R05C02	SNU-175
SNU254	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455254	R03C02	SNU-254
SNU283	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3998426003	R04C01	SNU-283
SNU407	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3998426003	R01C02	SNU-407
SNU479	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455123	R04C02	SNU-479
SNU503	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3998975089	R02C02	SNU-503
SNU61	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3998426003	R02C01	SNU-61
SNU769B	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3998989097	R03C01	SNU-769B
SNU81	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455164	R01C01	SNU-81
SNU977	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3998989097	R03C02	SNU-977
SNUC1	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3998426003	R05C01	SNU-C1
SNUC2A	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455164	R01C02	SNU-C2A
SNUC2B	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	200693590019	R02C02	SNU-C2B
SNUC4	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3998976007	R04C01	SNU-C4
SNUC5	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3998426003	R02C02	SNU-C5
SW1116	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	200693590019	R03C02	SW1116
SW1222	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647450134	R06C01	SW1222
SW1417	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3998426028	R05C01	SW1417
SW1463	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	200693590019	R04C02	SW1463
SW403	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	10006823050	R03C01	SW403
SW48	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	6042324140	R02C01	SW48
SW480	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	200693590019	R05C02	SW480
SW620	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	200693590019	R06C02	SW620
SW837	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3998426003	R04C02	SW-837
SW948	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	200693590020	R06C01	SW-948
T84	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	200693590020	R01C02	T84
V411	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455207	R03C02	V411
V457	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3999002152	R03C02	V457
V481	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455251	R02C01	V481
V703	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3999002152	R04C01	V703
VACO432	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3998426028	R03C01	VACO-432
VACO5	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3998975081	R06C02	VACO-5
VACO6	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	9647455255	R01C01	VACO-6
WiDR	Cell_line	Colon_Adenocarcinoma_cell	GSE86078	3998426028	R04C01	WiDR

PUBLICALLY AVAILABLE DATA USED IN THE STUDY

Sample_Name	Tissue_type	Donor_type	Dataset	Sentrix_ID	Sentrix_Position
GSM796576	Normal_mucosa	Healthy	GSE32146		
GSM796577	Normal_mucosa	Healthy	GSE32146		
GSM796578	Normal_mucosa	Healthy	GSE32146		
GSM796579	Normal_mucosa	Healthy	GSE32146		
GSM796580	Normal_mucosa	Healthy	GSE32146		
GSM796581	Normal_mucosa	Healthy	GSE32146		
GSM796582	Normal_mucosa	Healthy	GSE32146		
GSM796583	Normal_mucosa	Healthy	GSE32146		
GSM796584	Normal_mucosa	Healthy	GSE32146		
GSM796585	Normal_mucosa	Healthy	GSE32146		
GSM796586	Normal_mucosa	Crohn's_disease	GSE32146		
GSM796587	Normal_mucosa	Crohn's_disease	GSE32146		
GSM796588	Normal_mucosa	Crohn's_disease	GSE32146		
GSM796589	Normal_mucosa	Crohn's_disease	GSE32146		
GSM796590	Normal_mucosa	Crohn's_disease	GSE32146		
GSM796591	Normal_mucosa	Crohn's_disease	GSE32146		
GSM796592	Normal_mucosa	Crohn's_disease	GSE32146		
GSM796593	Normal_mucosa	Crohn's_disease	GSE32146		
GSM796594	Normal_mucosa	Crohn's_disease	GSE32146		
GSM796598	Normal_mucosa	Crohn's_disease	GSE32146		
GSM1009660	Whole_Blood	Healthy_Blood	GSE41169		
GSM1009666	Whole_Blood	Healthy_Blood	GSE41169		
GSM1009667	Whole_Blood	Healthy_Blood	GSE41169		
GSM1009668	Whole_Blood	Healthy_Blood	GSE41169		
GSM1009673	Whole_Blood	Healthy_Blood	GSE41169		
GSM1009674	Whole_Blood	Healthy_Blood	GSE41169		
GSM1009677	Whole_Blood	Healthy_Blood	GSE41169		
GSM1009681	Whole_Blood	Healthy_Blood	GSE41169		
GSM1009685	Whole_Blood	Healthy_Blood	GSE41169		
GSM1009686	Whole_Blood	Healthy_Blood	GSE41169		
GSM1009687	Whole_Blood	Healthy_Blood	GSE41169		
GSM1009688	Whole_Blood	Healthy_Blood	GSE41169		
GSM1009689	Whole_Blood	Healthy_Blood	GSE41169		
GSM1009690	Whole_Blood	Healthy_Blood	GSE41169		

TCGA-AA-3494-11	Normal_mucosa	Colon_Adenocarcinoma_norm	TCGA COREAD	5775041065	R02C02
TCGA-AA-3495-11	Normal_mucosa	Colon_Adenocarcinoma_norm	TCGA COREAD	5775041088	R02C02
TCGA-AA-3502-11	Normal_mucosa	Colon_Adenocarcinoma_norm	TCGA COREAD	5775041065	R04C02
TCGA-AA-3506-11	Normal_mucosa	Colon_Adenocarcinoma_norm	TCGA COREAD	5775041007	R01C02
TCGA-AA-3509-11	Normal_mucosa	Colon_Adenocarcinoma_norm	TCGA COREAD	5775041084	R06C02
TCGA-AA-3510-11	Normal_mucosa	Colon_Adenocarcinoma_norm	TCGA COREAD	5775041084	R03C02
TCGA-AA-3655-11	Normal_mucosa	Colon_Adenocarcinoma_norm	TCGA COREAD	6042316015	R06C02
TCGA-AA-3660-11	Normal_mucosa	Colon_Adenocarcinoma_norm	TCGA COREAD	6042308165	R05C01
TCGA-AA-3663-11	Normal_mucosa	Colon_Adenocarcinoma_norm	TCGA COREAD	6042316001	R05C02
TCGA-AA-3697-11	Normal_mucosa	Colon_Adenocarcinoma_norm	TCGA COREAD	6042308165	R04C02
TCGA-AA-3712-11	Normal_mucosa	Colon_Adenocarcinoma_norm	TCGA COREAD	6042316011	R03C01
TCGA-AA-3713-11	Normal_mucosa	Colon_Adenocarcinoma_norm	TCGA COREAD	6042308165	R04C01
TCGA-AG-3725-11	Normal_mucosa	Rectal_Adenocarcinoma_norm	TCGA COREAD	6055424097	R02C02
TCGA-AG-3731-11	Normal_mucosa	Rectal_Adenocarcinoma_norm	TCGA COREAD	6055424075	R04C01
TCGA-AG-A01W-11	Normal_mucosa	Rectal_Adenocarcinoma_norm	TCGA COREAD	5775041086	R02C01
TCGA-AG-A01Y-11	Normal_mucosa	Rectal_Adenocarcinoma_norm	TCGA COREAD	5775041086	R05C01
TCGA-AG-A020-11	Normal_mucosa	Rectal_Mucinous_Adenocarcinoma_norm	TCGA COREAD	5775041086	R01C02
TCGA-AG-A02N-11	Normal_mucosa	Rectal_Adenocarcinoma_norm	TCGA COREAD	5775041086	R04C02
TCGA-AG-A036-11	Normal_mucosa	Rectal_Adenocarcinoma_norm	TCGA COREAD	5775041086	R06C02
TCGA-AZ-6598-11	Normal_mucosa	Colon_Adenocarcinoma_norm	TCGA COREAD	6057825035	R06C02
TCGA-AZ-6599-11	Normal_mucosa	Colon_Adenocarcinoma_norm	TCGA COREAD	6057825028	R03C02
TCGA-AZ-6600-11	Normal_mucosa	Colon_Adenocarcinoma_norm	TCGA COREAD	6057825020	R04C01
TCGA-AZ-6601-11	Normal_mucosa	Colon_Adenocarcinoma_norm	TCGA COREAD	6057825002	R01C02
TCGA-G4-6295-11	Normal_mucosa	Colon_Adenocarcinoma_norm	TCGA COREAD	6042308165	R06C02
TCGA-G4-6297-11	Normal_mucosa	Colon_Adenocarcinoma_norm	TCGA COREAD	6042316015	R05C02
TCGA-G4-6298-11	Normal_mucosa	Colon_Adenocarcinoma_norm	TCGA COREAD	6042308159	R02C01
TCGA-G4-6302-11	Normal_mucosa	Colon_Mucinous_Adenocarcinoma_norm	TCGA COREAD	6042316001	R02C01
TCGA-G4-6311-11	Normal_mucosa	Colon_Adenocarcinoma_norm	TCGA COREAD	6042308159	R02C02
TCGA-G4-6314-11	Normal_mucosa	Colon_Adenocarcinoma_norm	TCGA COREAD	6042316015	R01C02
TCGA-G4-6320-11	Normal_mucosa	Colon_Adenocarcinoma_norm	TCGA COREAD	6042308165	R02C01
TCGA-G4-6322-11	Normal_mucosa	Colon_Mucinous_Adenocarcinoma_norm	TCGA COREAD	6042308159	R01C01
TCGA-G4-6625-11	Normal_mucosa	Colon_Adenocarcinoma_norm	TCGA COREAD	6057825028	R04C02
TCGA-3L-AA1B-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	9702496157	R02C02
TCGA-4N-A93T-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	9702496157	R06C01
TCGA-4T-AA8H-01	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	3999492120	R06C01
TCGA-5M-AAT4-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	3999492115	R06C02
TCGA-5M-AAT5-01	Tumor	NA	TCGA COREAD	3999492120	R05C01
TCGA-5M-AAT6-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	3999492120	R02C02
TCGA-5M-AATA-01	Tumor	NA	TCGA COREAD	3999492115	R05C02
TCGA-5M-AATE-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	3999492120	R06C02
TCGA-A6-2671-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	5775041065	R01C02
TCGA-A6-2675-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042316015	R04C01
TCGA-A6-2677-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	9305216012	R01C02
TCGA-A6-2677-01-2	Tumor	Colon_Adenocarcinoma	TCGA COREAD	9305216012	R02C02
TCGA-A6-2679-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	5775041065	R04C01
TCGA-A6-2680-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	5775041084	R01C01
TCGA-A6-2681-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	5775041088	R03C02
TCGA-A6-2682-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	5775041084	R06C01
TCGA-A6-2684-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	5775041007	R02C01
TCGA-A6-2684-01-2	Tumor	Colon_Adenocarcinoma	TCGA COREAD	9305216012	R03C02
TCGA-A6-2684-01-3	Tumor	Colon_Adenocarcinoma	TCGA COREAD	9305216012	R04C02
TCGA-A6-2685-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	5775041088	R06C01
TCGA-A6-2686-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	5775041007	R04C01
TCGA-A6-3809-01	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	9305216012	R05C02
TCGA-A6-3809-01-2	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	9305216012	R06C02
TCGA-A6-3810-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	9305216015	R01C01
TCGA-A6-3810-01-2	Tumor	Colon_Adenocarcinoma	TCGA COREAD	9305216015	R02C01
TCGA-A6-4105-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6057825020	R03C02
TCGA-A6-4107-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	5775041065	R01C01
TCGA-A6-5656-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929718065	R06C01
TCGA-A6-5656-01-2	Tumor	Colon_Adenocarcinoma	TCGA COREAD	9305216015	R03C01
TCGA-A6-5656-01-3	Tumor	Colon_Adenocarcinoma	TCGA COREAD	9305216015	R04C01
TCGA-A6-5657-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6285625037	R04C02
TCGA-A6-5659-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6285625037	R01C01
TCGA-A6-5659-01-2	Tumor	Colon_Adenocarcinoma	TCGA COREAD	9305216015	R05C01
TCGA-A6-5659-01-3	Tumor	Colon_Adenocarcinoma	TCGA COREAD	9305216015	R06C01
TCGA-A6-5660-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6285625037	R01C02
TCGA-A6-5661-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6285625011	R06C01
TCGA-A6-5661-01-2	Tumor	Colon_Adenocarcinoma	TCGA COREAD	7796806109	R05C02
TCGA-A6-5662-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6285625011	R01C01
TCGA-A6-5664-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929718079	R04C02
TCGA-A6-5665-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6285625057	R02C02
TCGA-A6-5665-01-2	Tumor	Colon_Adenocarcinoma	TCGA COREAD	7796806109	R03C02
TCGA-A6-5666-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6285625057	R01C02
TCGA-A6-5667-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042316015	R03C02
TCGA-A6-6137-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6057825028	R01C01
TCGA-A6-6138-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6057825020	R01C02
TCGA-A6-6140-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6057825002	R03C02
TCGA-A6-6141-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6057825020	R02C01
TCGA-A6-6142-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6057825028	R01C02
TCGA-A6-6648-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6057825020	R03C01
TCGA-A6-6649-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6057825020	R06C02
TCGA-A6-6650-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6057825028	R05C02
TCGA-A6-6650-01-2	Tumor	Colon_Adenocarcinoma	TCGA COREAD	9305216015	R01C02
TCGA-A6-6650-01-3	Tumor	Colon_Adenocarcinoma	TCGA COREAD	9305216015	R02C02
TCGA-A6-6651-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929718053	R05C01
TCGA-A6-6652-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6057825028	R06C01
TCGA-A6-6653-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6057825028	R06C02
TCGA-A6-6654-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929718065	R02C01
TCGA-A6-6780-01	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	6929718053	R04C01
TCGA-A6-6780-01-2	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	9305216015	R03C02
TCGA-A6-6780-01-3	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	9305216015	R04C02
TCGA-A6-6781-01	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	6264509018	R01C01
TCGA-A6-6781-01-2	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	6264509087	R05C02
TCGA-A6-6781-01-3	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	9305216015	R05C02
TCGA-A6-6781-01-4	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	9305216015	R06C02
TCGA-A6-6782-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929718053	R03C02

TCGA-A6-A565-01	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	9296931074	R02C01
TCGA-A6-A566-01	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	9296931073	R05C01
TCGA-A6-A567-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	9296931074	R04C01
TCGA-A6-A56B-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	9296931073	R04C01
TCGA-A6-A5ZU-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	9296931073	R03C02
TCGA-AA-3488-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	5775041084	R04C01
TCGA-AA-3489-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929718053	R06C02
TCGA-AA-3492-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	5775041065	R06C01
TCGA-AA-3494-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	5775041088	R01C01
TCGA-AA-3495-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	5775041007	R01C01
TCGA-AA-3496-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929718065	R06C02
TCGA-AA-3502-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	5775041088	R06C02
TCGA-AA-3506-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	5775041065	R03C02
TCGA-AA-3509-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	5775041088	R04C02
TCGA-AA-3510-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	5775041065	R02C01
TCGA-AA-3511-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929718065	R05C01
TCGA-AA-3655-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042308165	R01C01
TCGA-AA-3660-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042308158	R06C02
TCGA-AA-3662-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042308159	R05C02
TCGA-AA-3663-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042316001	R04C02
TCGA-AA-3697-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042316015	R02C02
TCGA-AA-3712-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042308165	R02C02
TCGA-AA-3713-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042316001	R01C01
TCGA-AD-5900-01	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	6285625011	R02C02
TCGA-AD-6548-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929718054	R05C01
TCGA-AD-6888-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6264509018	R05C01
TCGA-AD-6888-01-2	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6264509087	R03C02
TCGA-AD-6889-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6264509018	R03C02
TCGA-AD-6889-01-2	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6264509087	R04C02
TCGA-AD-6890-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6264509018	R02C02
TCGA-AD-6890-01-2	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6264509087	R01C01
TCGA-AD-6895-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6264509087	R05C01
TCGA-AD-6899-01	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	6264509087	R01C02
TCGA-AD-6901-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6264496026	R06C02
TCGA-AD-6963-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6264509087	R03C01
TCGA-AD-6963-01-2	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6264509127	R03C01
TCGA-AD-6964-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6264509018	R02C01
TCGA-AD-6964-01-2	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6264509087	R06C02
TCGA-AD-6965-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6264509018	R05C02
TCGA-AD-6965-01-2	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6264509018	R06C01
TCGA-AD-A5EJ-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	9296931073	R06C01
TCGA-AD-A5EK-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	9296931073	R02C02
TCGA-AF-2687-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6055424097	R04C02
TCGA-AF-2690-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6055424097	R01C02
TCGA-AF-2693-01	Tumor	NA	TCGA COREAD	6055424075	R04C02
TCGA-AF-3911-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6055424097	R05C02
TCGA-AF-4110-01	Tumor	NA	TCGA COREAD	6055424097	R04C01
TCGA-AF-6136-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718081	R03C01
TCGA-AF-6655-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718081	R02C01
TCGA-AF-6672-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718081	R06C02
TCGA-AF-A56K-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	9828653044	R03C02
TCGA-AF-A56L-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	9828653044	R04C02
TCGA-AF-A56N-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	9828653044	R05C02
TCGA-AG-3591-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6055424075	R03C01
TCGA-AG-3592-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6055424075	R03C02
TCGA-AG-3725-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6055424075	R01C01
TCGA-AG-3731-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6055424040	R04C02
TCGA-AG-3732-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718058	R01C01
TCGA-AG-3742-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718058	R02C02
TCGA-AG-4021-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6055424097	R03C02
TCGA-AG-4022-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6055424097	R06C02
TCGA-AG-A01W-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	5775041086	R01C01
TCGA-AG-A01Y-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	5775041086	R04C01
TCGA-AG-A020-01	Tumor	Rectal_Mucinous_Adenocarcinoma	TCGA COREAD	5775041086	R06C01
TCGA-AG-A026-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	5775041086	R02C02
TCGA-AG-A02N-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	5775041086	R03C02
TCGA-AG-A036-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	5775041086	R05C02
TCGA-AH-6544-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718058	R06C02
TCGA-AH-6547-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718061	R05C02
TCGA-AH-6549-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718081	R05C01
TCGA-AH-6643-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718061	R06C02
TCGA-AH-6644-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718081	R04C02
TCGA-AH-6897-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718114	R05C01
TCGA-AH-6903-01	Tumor	Rectal_Mucinous_Adenocarcinoma	TCGA COREAD	6929718114	R02C01
TCGA-AM-5820-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6285625037	R03C02
TCGA-AM-5821-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6285625037	R02C01
TCGA-AU-3779-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042316001	R04C01
TCGA-AU-6004-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042308159	R01C02
TCGA-AY-5543-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6285625037	R06C02
TCGA-AY-6196-01	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	6042308165	R06C01
TCGA-AY-6197-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042308159	R06C02
TCGA-AY-6386-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042308165	R01C02
TCGA-AY-A54L-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	9296931073	R01C02
TCGA-AY-A69D-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	9702496157	R05C01
TCGA-AY-A71X-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	9702496157	R03C02
TCGA-AY-A8YK-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	399492120	R03C01
TCGA-AZ-4308-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	5775041065	R03C01
TCGA-AZ-4313-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	5775041065	R05C02
TCGA-AZ-4315-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	5775041084	R02C02
TCGA-AZ-4323-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929718079	R06C01
TCGA-AZ-4614-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	5775041084	R01C02
TCGA-AZ-4615-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	5775041007	R03C01
TCGA-AZ-4616-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929718054	R03C01
TCGA-AZ-4681-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	5775041088	R01C02
TCGA-AZ-4682-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	5775041065	R05C01
TCGA-AZ-4684-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	5775041088	R05C02
TCGA-AZ-5403-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6285625057	R02C01
TCGA-AZ-5407-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042308158	R04C02

TCGA-AZ-6598-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6057825020	R04C02
TCGA-AZ-6599-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6057825020	R05C01
TCGA-AZ-6600-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6057825020	R02C02
TCGA-AZ-6601-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6057825002	R05C01
TCGA-AZ-6603-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929718053	R01C02
TCGA-AZ-6605-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929718054	R01C02
TCGA-AZ-6606-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929718065	R01C02
TCGA-AZ-6607-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929718079	R03C02
TCGA-AZ-6608-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929718065	R05C02
TCGA-BM-6198-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6055424075	R01C02
TCGA-CA-5254-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929718065	R01C01
TCGA-CA-5255-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929718053	R04C02
TCGA-CA-5256-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	5775041084	R05C01
TCGA-CA-5796-01	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	6285625037	R05C01
TCGA-CA-5797-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6285625057	R06C01
TCGA-CA-6715-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929718054	R05C02
TCGA-CA-6716-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929718054	R02C01
TCGA-CA-6717-01	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	6929718079	R05C01
TCGA-CA-6718-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929718054	R01C01
TCGA-CA-6719-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929718079	R01C02
TCGA-CI-6619-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718081	R01C01
TCGA-CI-6620-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718058	R03C02
TCGA-CI-6621-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718061	R01C01
TCGA-CI-6622-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718061	R06C01
TCGA-CI-6623-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718061	R01C02
TCGA-CI-6624-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718058	R04C02
TCGA-CK-4947-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6285625037	R04C01
TCGA-CK-4948-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6285625068	R06C01
TCGA-CK-4950-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042308165	R03C01
TCGA-CK-4951-01	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	5775041084	R04C02
TCGA-CK-4952-01	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	6042308158	R03C01
TCGA-CK-5912-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6285625057	R01C01
TCGA-CK-5913-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6285625057	R05C01
TCGA-CK-5914-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6285625011	R05C02
TCGA-CK-5915-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6285625011	R01C02
TCGA-CK-5916-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6285625037	R02C02
TCGA-CK-6746-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929718079	R02C02
TCGA-CK-6747-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929718053	R03C01
TCGA-CK-6748-01	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	6929718079	R04C01
TCGA-CK-6751-01	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	6929718054	R06C01
TCGA-CL-4957-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6055424040	R03C02
TCGA-CL-5917-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718042	R01C02
TCGA-CL-5918-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718058	R05C01
TCGA-CM-4743-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042316001	R06C02
TCGA-CM-4744-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	5775041065	R06C02
TCGA-CM-4746-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	5775041007	R05C01
TCGA-CM-4747-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	5775041088	R02C01
TCGA-CM-4748-01	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	5775041084	R03C01
TCGA-CM-4750-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	5775041007	R06C01
TCGA-CM-4751-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929718053	R02C02
TCGA-CM-4752-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	5775041088	R03C01
TCGA-CM-5341-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	5775041088	R05C01
TCGA-CM-5344-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042316001	R06C01
TCGA-CM-5348-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042316015	R06C01
TCGA-CM-5349-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042316011	R06C01
TCGA-CM-5860-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6285625037	R05C02
TCGA-CM-5861-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6285625011	R04C01
TCGA-CM-5862-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6285625068	R04C01
TCGA-CM-5863-01	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	6929718053	R01C01
TCGA-CM-5864-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6285625068	R05C01
TCGA-CM-5868-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6285625057	R04C01
TCGA-CM-6161-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6285625037	R06C01
TCGA-CM-6162-01	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	6285625068	R01C02
TCGA-CM-6163-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929671148	R03C01
TCGA-CM-6164-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6285625068	R03C01
TCGA-CM-6165-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929671148	R06C01
TCGA-CM-6166-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6285625011	R05C01
TCGA-CM-6167-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929671148	R05C01
TCGA-CM-6168-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929671148	R04C01
TCGA-CM-6169-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6285625057	R04C02
TCGA-CM-6170-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6285625057	R03C01
TCGA-CM-6171-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6285625037	R03C01
TCGA-CM-6172-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6285625068	R01C01
TCGA-CM-6674-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929718054	R03C02
TCGA-CM-6675-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929718054	R04C01
TCGA-CM-6676-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929718053	R02C01
TCGA-CM-6677-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929718065	R04C01
TCGA-CM-6678-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929718054	R04C02
TCGA-CM-6679-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929718079	R05C02
TCGA-CM-6680-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929718054	R06C02
TCGA-D5-5537-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6264509018	R04C02
TCGA-D5-5537-01-2	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6264509127	R02C01
TCGA-D5-5538-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929671148	R02C01
TCGA-D5-5539-01	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	6285625011	R04C02
TCGA-D5-5540-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6285625011	R03C01
TCGA-D5-5541-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6285625011	R02C01
TCGA-D5-6529-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6057825028	R04C01
TCGA-D5-6530-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042316011	R04C01
TCGA-D5-6531-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042308158	R05C02
TCGA-D5-6532-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042308165	R03C02
TCGA-D5-6533-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042308158	R02C01
TCGA-D5-6534-01	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	6264509087	R02C01
TCGA-D5-6534-01-2	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	6264509127	R05C01
TCGA-D5-6535-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042316011	R01C01
TCGA-D5-6536-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042308159	R04C01
TCGA-D5-6537-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042308158	R03C02
TCGA-D5-6538-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042316015	R01C01
TCGA-D5-6539-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042316011	R05C01

TCGA-D5-6540-01	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	6042316001	R01C02
TCGA-D5-6541-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042308158	R01C01
TCGA-D5-6898-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6264509087	R04C01
TCGA-D5-6898-01-2	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6264509087	R06C01
TCGA-D5-6922-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6264509127	R01C01
TCGA-D5-6923-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6264509127	R04C01
TCGA-D5-6924-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6264509018	R03C01
TCGA-D5-6924-01-2	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6264509018	R06C02
TCGA-D5-6926-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6264509018	R01C02
TCGA-D5-6930-01	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	6264509087	R02C02
TCGA-D5-7000-01	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	6264509018	R04C01
TCGA-DC-4745-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6055424040	R06C01
TCGA-DC-4749-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6055424040	R06C02
TCGA-DC-5337-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718042	R06C01
TCGA-DC-5869-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718058	R06C01
TCGA-DC-6154-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718113	R03C02
TCGA-DC-6155-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718042	R03C02
TCGA-DC-6156-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718042	R02C02
TCGA-DC-6157-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718058	R02C01
TCGA-DC-6158-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718042	R04C02
TCGA-DC-6160-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718058	R01C02
TCGA-DC-6681-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718081	R03C02
TCGA-DC-6682-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718081	R01C02
TCGA-DC-6683-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718081	R05C02
TCGA-DM-A0X9-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042316010	R04C02
TCGA-DM-A0XD-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042316010	R06C02
TCGA-DM-A0XF-01	Tumor	NA	TCGA COREAD	6042316008	R02C01
TCGA-DM-A1D0-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042316008	R04C01
TCGA-DM-A1D4-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042316008	R06C01
TCGA-DM-A1D6-01	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	6042316008	R02C02
TCGA-DM-A1D7-01	Tumor	NA	TCGA COREAD	6042316008	R03C02
TCGA-DM-A1D8-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042316010	R05C02
TCGA-DM-A1D9-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042316008	R01C01
TCGA-DM-A1DA-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042316008	R03C01
TCGA-DM-A1DB-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042316008	R05C01
TCGA-DM-A1HA-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042316008	R01C02
TCGA-DM-A1HB-01	Tumor	NA	TCGA COREAD	6929718086	R01C02
TCGA-DM-A280-01	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	6285625085	R04C02
TCGA-DM-A282-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929671163	R04C01
TCGA-DM-A285-01	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	6285625085	R02C01
TCGA-DM-A288-01	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	6285625085	R01C01
TCGA-DM-A28A-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6285625085	R05C02
TCGA-DM-A28C-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6285625085	R05C01
TCGA-DM-A28E-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6285625085	R01C02
TCGA-DM-A28F-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6285625085	R04C01
TCGA-DM-A28G-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6285625085	R06C02
TCGA-DM-A28H-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6285625085	R06C01
TCGA-DM-A28K-01	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	6285625085	R03C01
TCGA-DM-A28M-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6285625076	R06C02
TCGA-DT-5265-01	Tumor	Rectal_Mucinous_Adenocarcinoma	TCGA COREAD	6929718081	R04C01
TCGA-DY-A0XA-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6264509055	R02C01
TCGA-DY-A1DC-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6264509055	R03C01
TCGA-DY-A1DD-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6264509055	R04C01
TCGA-DY-A1DE-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6264509055	R05C01
TCGA-DY-A1DF-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6264509055	R06C01
TCGA-DY-A1DG-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6264509055	R01C02
TCGA-DY-A1H8-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6264509055	R02C02
TCGA-EF-5830-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718042	R05C02
TCGA-EF-5831-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718042	R06C02
TCGA-EI-6506-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6055424097	R06C01
TCGA-EI-6507-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6055424097	R03C01
TCGA-EI-6508-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6055424040	R04C01
TCGA-EI-6509-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6055424040	R02C02
TCGA-EI-6510-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6055424075	R06C01
TCGA-EI-6511-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6055424075	R02C02
TCGA-EI-6512-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6055424097	R01C01
TCGA-EI-6513-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6055424075	R05C01
TCGA-EI-6514-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6055424075	R02C01
TCGA-EI-6881-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718114	R05C02
TCGA-EI-6882-01	Tumor	Rectal_Mucinous_Adenocarcinoma	TCGA COREAD	6929718114	R03C02
TCGA-EI-6883-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718114	R06C01
TCGA-EI-6884-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718114	R02C02
TCGA-EI-6885-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718114	R04C01
TCGA-EI-6917-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718114	R01C02
TCGA-EI-7002-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718113	R05C02
TCGA-EI-7004-01	Tumor	Rectal_Mucinous_Adenocarcinoma	TCGA COREAD	6929718113	R04C02
TCGA-F4-6459-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6057825028	R03C01
TCGA-F4-6460-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6057825035	R05C02
TCGA-F4-6461-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6057825020	R05C02
TCGA-F4-6463-01	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	6042308159	R03C01
TCGA-F4-6569-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6057825028	R02C02
TCGA-F4-6570-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6057825020	R06C01
TCGA-F4-6703-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929718054	R02C02
TCGA-F4-6704-01	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	6929718065	R03C02
TCGA-F4-6805-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929718079	R01C01
TCGA-F4-6806-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929718079	R02C01
TCGA-F4-6807-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929718079	R03C01
TCGA-F4-6808-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929718053	R06C01
TCGA-F4-6809-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929718065	R02C02
TCGA-F4-6854-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6264509127	R06C01
TCGA-F5-6464-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6055424040	R05C02
TCGA-F5-6465-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6055424097	R05C01
TCGA-F5-6571-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718061	R03C01
TCGA-F5-6702-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718061	R04C01
TCGA-F5-6810-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718058	R05C02
TCGA-F5-6811-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718061	R04C02
TCGA-F5-6812-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718081	R02C02
TCGA-F5-6813-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718081	R06C01

TCGA-F5-6814-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718113 R06C02
TCGA-F5-6861-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718114 R01C01
TCGA-F5-6863-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718114 R03C01
TCGA-F5-6864-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718114 R04C02
TCGA-G4-6293-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042308159 R06C01
TCGA-G4-6294-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6057825035 R04C02
TCGA-G4-6295-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042308165 R05C02
TCGA-G4-6297-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042316001 R05C01
TCGA-G4-6298-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042316015 R02C01
TCGA-G4-6299-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6057825002 R04C01
TCGA-G4-6302-01	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	6042308158 R05C01
TCGA-G4-6303-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6057825002 R01C01
TCGA-G4-6306-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6057825028 R05C01
TCGA-G4-6307-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042308158 R04C01
TCGA-G4-6309-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929718053 R05C02
TCGA-G4-6310-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042316001 R03C02
TCGA-G4-6311-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042308159 R04C02
TCGA-G4-6314-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042316011 R02C01
TCGA-G4-6315-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042308158 R06C01
TCGA-G4-6317-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042316015 R04C02
TCGA-G4-6320-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042316015 R03C01
TCGA-G4-6321-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042308158 R01C02
TCGA-G4-6322-01	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	6042308158 R02C02
TCGA-G4-6323-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6042316001 R02C02
TCGA-G4-6586-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6057825020 R01C01
TCGA-G4-6588-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6057825002 R06C01
TCGA-G4-6625-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6057825028 R02C01
TCGA-G4-6626-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6057825002 R03C01
TCGA-G4-6627-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6057825002 R02C01
TCGA-G4-6628-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	6929718065 R04C02
TCGA-G5-6233-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6055424097 R02C01
TCGA-G5-6235-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6055424040 R05C01
TCGA-G5-6572-01	Tumor	Rectal_Adenocarcinoma	TCGA COREAD	6929718061 R03C02
TCGA-G5-6641-01	Tumor	Rectal_Mucinous_Adenocarcinoma	TCGA COREAD	6929718061 R02C01
TCGA-NH-A50T-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	9296931074 R03C01
TCGA-NH-A50U-01	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	9702496157 R05C02
TCGA-NH-A50V-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	9296931073 R02C01
TCGA-NH-A51V-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	9702496157 R06C02
TCGA-NH-A6GA-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	9702496157 R01C02
TCGA-NH-A6GB-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	9702496157 R04C01
TCGA-NH-A6GC-01	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	3999492120 R04C01
TCGA-NH-A8F7-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	3999492120 R05C02
TCGA-NH-A8F8-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	3999492120 R01C02
TCGA-QG-A5YV-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	9296931074 R05C01
TCGA-QG-A5YW-01	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	9296931073 R04C02
TCGA-QG-A5YX-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	9296931073 R03C01
TCGA-QG-A5Z1-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	9296931074 R01C01
TCGA-QG-A5Z2-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	9296931073 R05C02
TCGA-QL-A97D-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	3999492120 R02C01
TCGA-RU-A8FL-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	9702496157 R02C01
TCGA-SS-A7HO-01	Tumor	NA	TCGA COREAD	9702496157 R03C01
TCGA-T9-A92H-01	Tumor	Colon_Adenocarcinoma	TCGA COREAD	9702496157 R04C02
TCGA-WS-AB45-01	Tumor	Colon_Mucinous_Adenocarcinoma	TCGA COREAD	3999492120 R01C01

	3331	Normal_mucosa	Healthy	GSE48684
	3332	Normal_mucosa	Healthy	GSE48684
	3333	Normal_mucosa	Healthy	GSE48684
	3999	Normal_mucosa	Healthy	GSE48684
	4000	Normal_mucosa	Healthy	GSE48684
	4001	Normal_mucosa	Healthy	GSE48684
	4002	Normal_mucosa	Healthy	GSE48684
	4003	Normal_mucosa	Healthy	GSE48684
	4004	Normal_mucosa	Healthy	GSE48684
	4005	Normal_mucosa	Healthy	GSE48684
	4006	Normal_mucosa	Healthy	GSE48684
	3325	Normal_mucosa	Healthy	GSE48684
	3326	Normal_mucosa	Healthy	GSE48684
	3327	Normal_mucosa	Healthy	GSE48684
	3328	Normal_mucosa	Healthy	GSE48684
	3329	Normal_mucosa	Healthy	GSE48684
	3330	Normal_mucosa	Healthy	GSE48684
CCR141		Normal_mucosa	Colon_Adenocarcinoma_norm	GSE48684
CCR169		Normal_mucosa	Colon_Adenocarcinoma_norm	GSE48684
	5802	Normal_mucosa	Colon_Adenocarcinoma_norm	GSE48684
	9043	Normal_mucosa	Colon_Adenocarcinoma_norm	GSE48684
	9579	Normal_mucosa	Colon_Adenocarcinoma_norm	GSE48684
	11827	Normal_mucosa	Colon_Adenocarcinoma_norm	GSE48684
	11839	Normal_mucosa	Colon_Adenocarcinoma_norm	GSE48684
	11879	Normal_mucosa	Colon_Adenocarcinoma_norm	GSE48684
	3212	Normal_mucosa	Colon_Adenocarcinoma_norm	GSE48684
	9047	Normal_mucosa	Colon_Adenocarcinoma_norm	GSE48684
	11831	Normal_mucosa	Colon_Adenocarcinoma_norm	GSE48684
CCR221		Normal_mucosa	Colon_Adenocarcinoma_norm	GSE48684
CCR209		Normal_mucosa	Colon_Adenocarcinoma_norm	GSE48684
CCR281		Normal_mucosa	Colon_Adenocarcinoma_norm	GSE48684
CCR289		Normal_mucosa	Colon_Adenocarcinoma_norm	GSE48684
CCR253		Normal_mucosa	Colon_Adenocarcinoma_norm	GSE48684
CCR197		Normal_mucosa	Colon_Adenocarcinoma_norm	GSE48684
CCR193		Normal_mucosa	Colon_Adenocarcinoma_norm	GSE48684
CCR217		Normal_mucosa	Colon_Adenocarcinoma_norm	GSE48684
CCR185		Normal_mucosa	Colon_Adenocarcinoma_norm	GSE48684
CCR181		Normal_mucosa	Colon_Adenocarcinoma_norm	GSE48684
CCR233		Normal_mucosa	Colon_Adenocarcinoma_norm	GSE48684
CCR139		Normal_mucosa	Colon_Adenocarcinoma_norm	GSE48684
CCR277		Normal_mucosa	Colon_Adenocarcinoma_norm	GSE48684

cg18579862	19	58095595 q	ZIK1	NA	TSS200	island	TSS200 - island	NA	Within telomere region
cg13668618	19	58446745 q	ZNF418	NA	TSS200	island	TSS200 - island	NA	Within telomere region
cg12961842	19	58446758 q	ZNF418	NA	TSS200	island	TSS200 - island	NA	Within telomere region
cg12028548	20	590799 p	TCF15	NA	1stExon	island	1stExon - island	NA	Not overlapping Differentially Methylated Region
cg07113642	20	2781262 p	CPXM1	NA	5'UTR	island	5'UTR - island	NA	Not overlapping Differentially Methylated Region
cg14262681	20	21084420 p	KIZ		-22204 IGR	shore	IGR - shore	NA	Not overlapping Differentially Methylated Region
cg17368760	20	23029287 p	THBD	NA	1stExon	island	1stExon - island	NA	Selected probes
cg16339238	20	23029298 p	THBD	NA	1stExon	island	1stExon - island	NA	Selected probes
cg22388634	20	25058429 p	VSX1	NA	Body	island	Body - island	NA	Not overlapping Differentially Methylated Region
cg14763548	20	25062447 p	VSX1	NA	1stExon	island	1stExon - island	NA	Not overlapping Differentially Methylated Region
cg10615414	20	37353096 q	SLC32A1	NA	TSS200	island	TSS200 - island	NA	Selected probes
cg08313939	20	37353117 q	SLC32A1	NA	5'UTR	island	5'UTR - island	NA	Selected probes
cg24454144	20	37353126 q	SLC32A1	NA	5'UTR	island	5'UTR - island	NA	Selected probes
cg11172693	20	37434229 q	PPP1R16B	NA	TSS200	island	TSS200 - island	NA	Not overlapping Differentially Methylated Region
cg24033330	20	39317034 q	MAFB	NA	1stExon	island	1stExon - island	NA	Not overlapping Differentially Methylated Region
cg03403065	20	41818358 q	PTPRT	NA	1stExon	island	1stExon - island	NA	Not overlapping Differentially Methylated Region
cg10439765	20	44657838 q	SLC12A5	NA	1stExon	island	1stExon - island	NA	Positivity in blood
cg14060496	20	61638518 q	BHLHE23	NA	TSS200	island	TSS200 - island	NA	Within telomere region
cg26492446	20	61638574 q	BHLHE23	NA	TSS200	island	TSS200 - island	NA	Within telomere region
cg27501878	20	61638588 q	BHLHE23	NA	TSS1500	island	TSS1500 - island	NA	Within telomere region
cg15699267	20	61809557 q	MIR124-3	NA	TSS1500	island	TSS1500 - island	NA	Not overlapping Differentially Methylated Region
cg27357571	21	34398226 q	OLIG2	NA	TSS200	island	TSS200 - island	NA	Not overlapping Differentially Methylated Region
cg00495860	21	38065524 q	SIM2		-6467 IGR	island	IGR - island	NA	Positivity in blood
cg21697851	21	38076869 q	SIM2	NA	Body	island	Body - island	NA	Not overlapping Differentially Methylated Region
cg10682155	21	38077473 q	SIM2	NA	Body	island	Body - island	NA	Not overlapping Differentially Methylated Region
cg24080247	21	38082613 q	SIM2	NA	Body	shore	Body - shore	NA	Positivity in blood
cg25446076	21	38083149 q	SIM2	NA	Body	shore	Body - shore	NA	Not overlapping Differentially Methylated Region
cg05206884	22	33454324 q	SYN3	NA	5'UTR	island	5'UTR - island	NA	Not overlapping Differentially Methylated Region
cg04198308	22	48971959 q	FAM19A5	NA	Body	island	Body - island	NA	Not overlapping Differentially Methylated Region
cg03957481	22	50986962 q	KLHDC7B	NA	1stExon	island	1stExon - island	NA	Not overlapping Differentially Methylated Region

Supplementary File 1C

Name	5'→3' Sequence (for Bisulfite converted DNA)	Mg (mM)	Tm (°C)	length (bp)	Taq (unit)	Genomic_location_hg19	Encompassing probes from Illumina Infinium 450k.
Tag1	TCCCGCGAAATTAATACGAC						
Tag2	GCTGGAGCTCTGCAGCTA						
SEPT9-FW	TCCCGCGAAATTAATACGAC						
SEPT9-RV	GCTGGAGCTCTGCAGCTA						
SEPT9-met-Probe	/5Alex647N/CCGCGACCGCAACAACC	1	56	75		chr17:75369624-75369698	cg12783819
SEPT9-unm-Probe	/5Alex488N/CCACAACCAACAACC						
C9orf50-FW	TCCCGCGAAATTAATACGAC						
C9orf50-RV	GCTGGAGCTCTGCAGCTA						
C9orf50-met-Probe	/5Alex647N/AACGCGAACGCCCCGAA	1.5	50	114		chr9:132382394-132382507	cg14015706
C9orf50-unm-Probe	/5Alex488N/AACACAACACCCCCAAA						
GRIA4-FW	TCCCGCGAAATTAATACGAC						
GRIA4-RV	GCTGGAGCTCTGCAGCTA						
GRIA4-met-Probe	/5Alex647N/AACGCCGCGACCGCCACAC	1.5	62	106		chr11:105481255-105481360	cg15603568;cg23559689;cg00343633;cg03225817;cg04747226;cg07972135
GRIA4-unm-Probe	/5Alex488N/CACCACAACCACCACACACA						
MSC-FW	TCCCGCGAAATTAATACGAC						
MSC-RV	GCTGGAGCTCTGCAGCTA						
MSC-met-Probe	/5Alex647N/CGCATCCGAACACGCTCAC	1.5	58	122		chr8:72756000-72756121	cg25832771
MSC-unm-Probe	/5Alex488N/ACACATCCAAACACACTCAC						
EYA4-FW	TCCCGCGAAATTAATACGAC						
EYA4-RV	GCTGGAGCTCTGCAGCTA						
EYA4-met-Probe	/5Alex647N/GACCGTTCCCGACTTCCGC	2	54	96		chr6:133562421-133562516	cg05085230; cg08712932; cg06132028; cg11942956; cg20787173; cg11664500; cg14287112; cg22871668;
EYA4-Unmet-Probe	/5Alex488N/CACTCCAACCATTTCCCA						
MAP3K14-AS1-FW	TCCCGCGAAATTAATACGAC						
MAP3K14-AS1-RV	GCTGGAGCTCTGCAGCTA						
MAP3K14-AS1-met-Probe	/5Alex647N/CGACGACATCACAACACCGACG	2.5	50	99		chr17:43339469-43339567	cg17222164; cg03048083; cg01627847; cg08124910
MAP3K14-AS1-unm-Probe	/5Alex488N/CAACAACATCACAACACCAACA						
ITGA4-FW	TCCCGCGAAATTAATACGAC						
ITGA4-RV	GCTGGAGCTCTGCAGCTA						
ITGA4-met-Probe	/5Alex647N/ACCCGCTAACGCCGAACACGCTA	2.5	50	76		chr2:182,322,231-182,322,306	cg06952671; cg21995919
ITGA4-unm-Probe	/5Alex488N/ACCCACTAACACCAACACACTA						

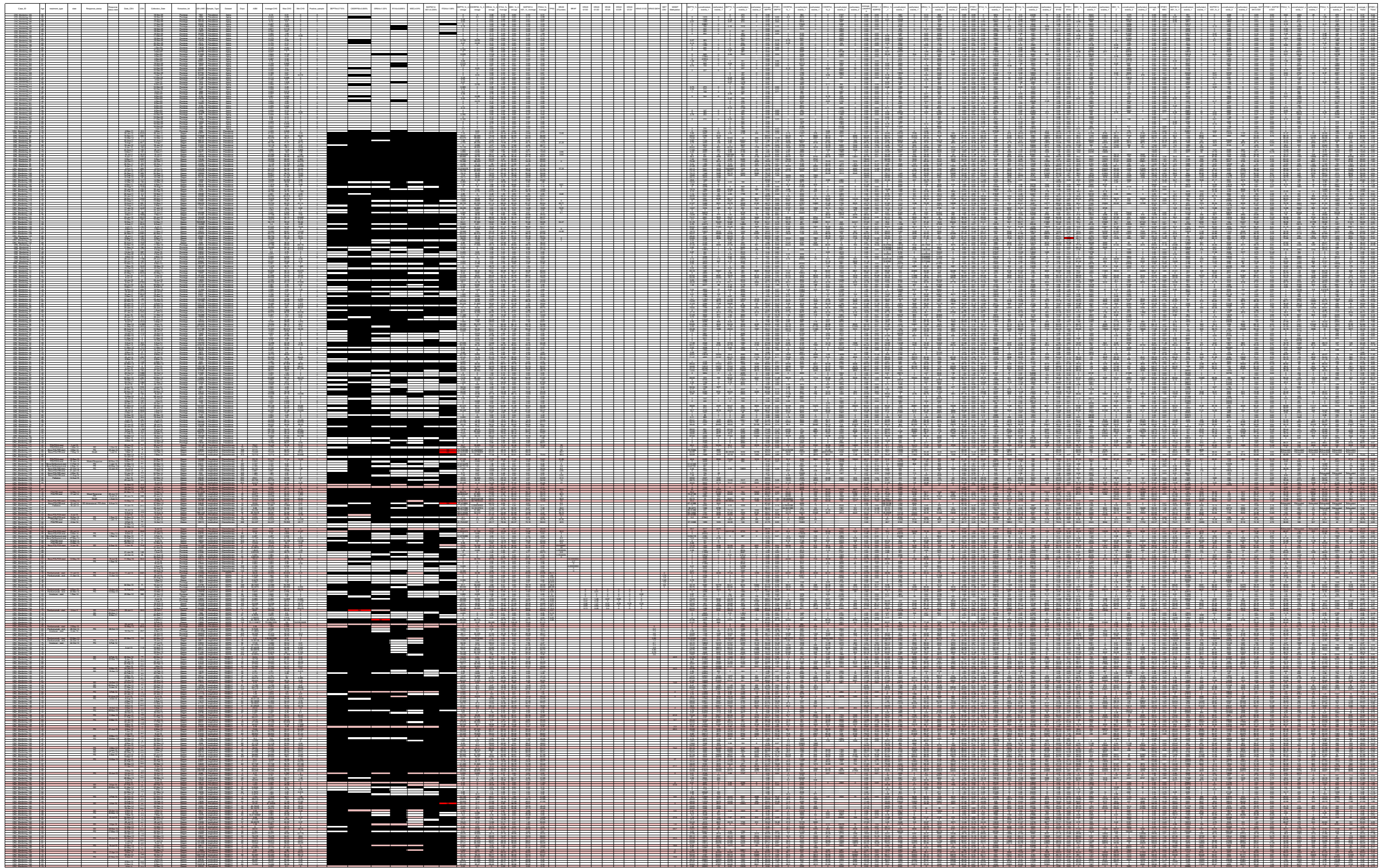
Name	Catalog #	Tm(°C)
BRAF V600E	dHsaCP2000027	55
KRAS G13D	dHsaMDV2510598	55
KRAS G12D	dHsaMDV2510596	55
KRAS G12A	dHsaMDV2510586	55
KRAS G12R	dHsaMDV2510590	55
KRAS G12V	dHsaMDV2510592	55
KRAS G12C	dHsaMDV2510584	55
KRAS Q61H	dHsaMDV2010131	55
MET CNV	dHsaCP2500321	60

Supplementary File 1D

**Clinical data summary for the two cohorts of
cfDNA donors involved in the study**

Aging Cohort	N	(%)
Sex	25	(50)
	25	(50)
Age (years)	61	
	[40-65]	

mCRC cohort	N	(%)
Sex	Male 117	(64.3)
	Female 65	(35.7)
Age (years)	median 64	
	Range [33-85]	
CEA (ng/ml)	median 66.1	
	Range [0.8-20543]	
	<=5 27	(14.9)
	>5 154	(85.1)
	NA 1	(0.6)
# previous treatment lines	0 38	(20.9)
	1 19	(10.4)
	2 43	(23.6)
	3 37	(20.3)
	4+ 45	(24.7)
RECIST (mm) (quartiles)	[9-49.25[44	(24.3)
	[49.25-81.55[43	(23.8)
	[81.55-117[42	(23.2)
	[117-250] 45	(24.9)
	NA 7	(3.9)
Primary tumor resected	Yes 150	(82.9)
	No 31	(17.1)
Metastatic lesions	1 49	(26.9)
	2+ 128	(70.3)
	NA 5	(2.7)
Bulky Disease	No 122	(67)
	Yes 47	(25.8)
	NA 13	(7.1)
RAS	wild type 107	(58.8)
	mutated 75	(41.2)
	NA 0	(0)
BRAF	wild type 133	(73.1)
	mutated 13	(7.1)
	NA 36	(19.8)



Supplementary File 1H

Association between clinico-pathological features and circulating DNA methylation

	Median	pvalue
Sex	Female 38.30 Male 11.80	0.029
Age (years)	[33-54.7[23.25 [54.7-62.9[12.80 [62.9-72.7[12.40 [72.7-85.2] 17.85	<i>ns</i>
CEA (ng/ml)	<=5 2.97 >5 18.61	<i>ns</i>
RECIST (mm) (quartiles)	[9-49.25[2.00 [49.25-81.55[20.80 [81.55-117[12.90 [117-250] 29.30	<i>ref.</i> 0.06 <i>ns</i> 0.006
GE/ml (quartiles)	[1110-19613[3.13 [19613-40107[17.11 [40107-137394[18.07 [137394-9259908] 33.80	<i>ref.</i> <i>ns</i> 0.001 <0.001
Primary tumor intact	No 12.42 Yes 53.18	0.001
Metastatic lesions	1 5.50 2+ 22.44	0.038
Bulky disease	No 11.84 Yes 38.96	0.002
RAS	wild type 13.97 mutated 17.83	<i>ns</i>
BRAF	wild type 15.66 mutated 47.45	<i>ns</i>
Under treatment	No 18.35 Yes 12.65	<i>ns</i>

CRC_Monitoring_162	26-Jul-13	57	28.0	18.0		12-Jul-13	43	-14	108		36.7	X	24.1	1.40	0	27.8
CRC_Monitoring_163	14-Feb-13	0	1.4	0.0		23-Jan-13	-22	-22	190	n			1.4	4.00	1	1.8
CRC_Monitoring_163	15-Mar-13	29	0.0	-1.4	x	2-Apr-13	47	18	194		2.1	X	1.2	4.00	1	1.8
CRC_Monitoring_164	18-Feb-13	0	68.3	0.0		20-Feb-13	2	2	142	n			517.2	2.80	1	69.7
CRC_Monitoring_164	26-Mar-13	36	0.2	-68.1	x	28-Mar-13	38	2	140		-1.4	X	972.2	2.80	1	69.7
CRC_Monitoring_164	22-Apr-13	63	55.6	-12.7									1104	2.80	1	69.7
CRC_Monitoring_164	22-May-13	93	76.3	8.0		17-May-13	88	-5	152	y	7		1412	2.80	1	69.7
CRC_Monitoring_165	14-May-14	0	74.0	0.0		14-May-14	0	0	147				274.2	1.30	0	25.3
CRC_Monitoring_165	11-Jun-14	28	56.9	-17.1	x	23-Jun-14	40	12	176		19.7	X	830.2	1.30	0	25.3
CRC_Monitoring_165	9-Jul-14	56	72.5	-1.5						n			2207	1.30	0	25.3
CRC_Monitoring_166	14-May-13	0	22.6	0.0		23-May-13	9	9	48				57.5	1.57	0	16.6
CRC_Monitoring_166	24-May-13	10	54.5	31.9	x	10-Jul-13	57	47	79		64.6	X	63.7	1.57	0	16.6
CRC_Monitoring_168	3-Mar-14	0	83.5	0.0		5-Feb-14	-26	-26	85				421.4	1.40	0	81.0
CRC_Monitoring_168	30-Apr-14	58	92.5	9.0	x	17-Apr-14	45	-13	117	y	37.6	X	1065	1.40	0	81.0
CRC_Monitoring_169	2-Oct-13	0	48.3	0.0		4-Oct-13	2	2	108	n			342.8	1.40	0	19.8
CRC_Monitoring_169	9-Oct-13	7	48.5	0.1	x									1.40	0	19.8
CRC_Monitoring_169	6-Nov-13	35	65.6	17.2									794.8	1.40	0	19.8
CRC_Monitoring_169	5-Dec-13	64	74.3	25.9		21-Nov-13	50	-14	135	y	25	X	1144	1.40	0	19.8