iSPECIMEN®

DATASHEET

Mutation Characterized Tumor Tissue
Available for Purchase

Now Available for Ordering and Immediate Shipping

iSpecimen has completed its first tumor sequencing run and FFPE samples are now available for purchase! Cases were run on the Illumina Ampliseq Comprehensive Cancer panel V3.

Most immediate, 250 cases from Colon, Breast, and Lung cancer were sequenced and the table below shows the number of mutational hits for specific genes in the panel. 8 additional cancer types our in our sequencing pipeline. Contact us for more details.

Quotes and shipping available immediately for current run. Requests for wild types can also be made, Contact Us to discuss.

HUGO SYMBOL	BREAST CANCER (# BLOCKS)	COLON CANCER (# BLOCKS)	LUNG CANCER (# BLOCKS)
AKT1	99	54	171
AKT2	126	45	183
AKT3	108	72	213
ALK	108	66	222
AR	126	60	213
ARAF	15	3	45
ARID1A	267	138	339
ATM	243	111	342
ATR	240	138	342
ATRX	237	141	342
AXL	126	60	246
BAP1	165	81	288
BRAF	90	39	177
BRCA1	252	132	327
BRCA2	294	147	351
BTK	30	21	60
CBL	54	39	72
CCND1	135	48	168

Counts continued on the next page →

Specimen Details

FFPE Blocks <15 years old

Minimum of 30% tumor in every block

Minimum of THREE FFPE blocks per donor

Breast Cancer

121 donors

Colon Cancer

115 donors

Lung Cancer

120 donors

NEW Cancers Coming

Pancreatic, Renal, Brain, Ovarian, Gastric, Bladder, Melanoma, and Prostate

NEW Formats Coming

Plasma, Serum, Flash-frozen Tissue, Viably Frozen Tissue and DTCs

Contact Us

Request a Quote

HUGO SYMBOL	BREAST CANCER (# BLOCKS)	COLON CANCER (# BLOCKS)	LUNG CANCER (# BLOCKS)
CCND2	99	45	210
CCND3	90	36	186
CCNE1	135	54	192
CDK12	204	84	291
CDK2	132	48	210
CDK4	93	48	156
CDK6	114	66	165
CDKN1B	123	39	138
CDKN2A	102	42	165
CDKN2B	138	48	147
CDKN2B-AS1	48	36	72
CHEK1	150	81	243
CHEK2	45	39	96
CREBBP	213	96	339
CSF1R	75	51	96
CTNNB1	42	30	75
DDR2	90	48	210
EGFR	129	69	267
ERBB2	135	42	228
ERBB3	105	51	192
ERBB4	81	51	114
ERCC2	51	24	105
ESR1	111	60	183
EZH2	36	6	66
FANCA	252	108	330
FANCD2	243	129	330
FANCI	228	117	336
FBXW7	156	87	270
FGF19	87	39	165
FGF3	102	51	165

HUGO SYMBOL	BREAST CANCER (# BLOCKS)	COLON CANCER (# BLOCKS)	LUNG CANCER (# BLOCKS)
FGFR1	129	60	189
FGFR2	156	60	246
FGFR3	102	33	180
FGFR4	150	63	222
FLT3	120	81	183
FOXL2	12	24	30
GATA2	63	36	117
GNA11	30	18	60
GNAQ	51	33	81
GNAS	36	27	63
H3F3A	15	9	21
HIST1H3B	30	6	60
HNF1A	18	3	84
HRAS	72	42	129
IDH1	24	15	42
IDH2	39	21	84
IGF1R	99	69	228
JAK1	42	24	69
JAK2	9	3	21
JAK3	54	27	87
KDR	84	39	150
KIT	153	72	249
KNSTRN	15	12	63
KRAS	78	57	156
MAGOH	12	6	18
MAP2K1	72	33	135
MAP2K2	24	6	54
MAP2K4	24	36	60
MAPK1	18	9	21
MAX	18	18	57

HUGO SYMBOL	BREAST CANCER (# BLOCKS)	COLON CANCER (# BLOCKS)	LUNG CANCER (# BLOCKS)
MDM2	138	96	216
MDM4	102	69	189
MED12	15	3	42
MET	138	90	225
MLH1	189	84	297
MRE11A	180	90	300
MSH2	183	96	300
MSH6	225	99	327
MTOR	144	66	273
MYC	111	51	246
MYCL	87	33	153
MYCN	96	45	186
MYD88	42	18	54
NBN	180	87	291
NF1	249	138	345
NF2	156	66	294
NFE2L2	27	18	66
NOTCH1	276	114	327
NOTCH2	219	99	342
NOTCH3	222	135	327
NRAS	57	33	114
NTRK1	111	51	156
NTRK2	150	75	240
NTRK3	111	66	177
PALB2	201	96	309
PDGFRA	126	72	234
PDGFRB	180	120	276
PIK3CA	153	72	204
PIK3CB	105	87	204
PIK3R1	186	90	300

HUGO SYMBOL	BREAST CANCER (# BLOCKS)	COLON CANCER (# BLOCKS)	LUNG CANCER (# BLOCKS)
PMS2	198	90	288
POLE	225	99	348
POLG	0	3	0
PPARG	129	54	213
PPP2R1A	39	15	90
PTCH1	234	99	324
PTEN	135	90	228
PTPN11	27	36	81
RAC1	9	9	39
RAD50	201	105	306
RAD51	150	51	270
RAD51B	150	81	204
RAD51C	138	66	249
RAD51D	156	57	255
RAF1	30	24	69
RB1	201	108	315
RET	117	51	201
RHEB	27	12	54
RHOA	18	18	45
RICTOR	141	66	192
RNF43	189	75	276
ROS1	150	87	198
RP11-435O5.4	15	6	51
SDCCAG8	6	3	18
SETD2	267	141	336
SF3B1	96	45	117
SH2D2A	18	9	15
SLX4	207	84	330
SMAD4	75	48	102
SMARCA4	210	90	330

HUGO SYMBOL	BREAST CANCER (# BLOCKS)	COLON CANCER (# BLOCKS)	LUNG CANCER (# BLOCKS)
SMARCB1	105	57	225
SMO	75	27	192
SNAPC5	0	3	3
SPOP	24	27	75
SRC	12	6	39
STAT3	45	18	69
STK11	114	60	207
TERT	141	66	249
TOP1	3	15	30
TP53	165	102	249
TSC1	195	87	318
TSC2	195	87	330
TSPAN31	48	33	63
U2AF1	36	21	84
XPO1	6	9	33
ZNF276	33	12	93

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