

Data Sheet

Product Name: CancerSeq AMS Paraffin Tissue Curl

Catalog No.: T2235152-AC

Lot No.: C201060

Species: Human Mouse Rat Monkey (Rh) Guinea Pig Porcine
 Bovine Hamster Dog Monkey (Cy) Rabbit Plant

Tissue Type: Normal Adult Fetal Tumor Disease Cell line

Tissue Name: Lung

Donor Information:

Male: 45 year(s) old
Female: _____ year(s) old

Pathological Diagnosis: Adenocarcinoma

Tumor Size: diameter 3 cm

Location: left upper lobe

Components:

1. 5 curls per package
2. Certificate of Analysis

FOR IN VITRO RESEARCH USE ONLY

APPROVED BY: _____



35 Genes Targeted

AKT1	FGFR2	MAP2K1
ALK	FGFR3	MAP2K2
AR	GNA11	MET
BRAF	GNAQ	MTOR
CDK4	HRAS	NRAS
CTNNB1	IDH1	PDGFRA
DDR2	IDH2	PIK3CA
EGFR	JAK1	RAF1
ERBB2	JAK2	RET
ERBB3	JAK3	ROS1
ERBB4	KIT	SMO
ESR1	KRAS	

Details of Variants

Column Header	Definition
Gene ID	The Gene symbol for the gene located at this position
Chrom	The chromosome where the target region is located
Position	The genomic position of the variant in the build of the genome database
Ref	The reference allele of the variation
Variant	The alternate allele of the variation
Allele Call	The type of variation, either heterozygous or homozygous
Frequency	The percentage of reads for the sample that includes the variant
Quality	The quality score of the variant
Type	The variant type, which can be SNP, MNP, Ins, Del, and Complex
Allele Source	Listed as Hotspot for alleles found within the hotspots sequencing file and Novel for all other alleles
Coverage	The number of reads that cover the region
Allele Name	The allele name that is defined within the hotspots sequencing file (if Novel allele, then there is no name)

C201060

Gene ID	Chrom	Position	Ref	Variant	Allele Call	Frequency	Quality	Type	Allele Source	Coverage	Allele Name
ALK	chr2	29416366	G	C	Heterozygous	44	12611	SNP	Novel	3047	---
ALK	chr2	29416572	T	C	Homozygous	100	61785	SNP	Novel	3866	---
ALK	chr2	29445458	G	T	Heterozygous	43.5	16293	SNP	Novel	3989	---
PIK3CA	chr3	178922274	C	A	Heterozygous	46.8	6613	SNP	Novel	1441	---
FGFR3	chr4	1807894	G	A	Homozygous	100	63614	SNP	Novel	3986	---
PDGFRA	chr4	55097835	G	C	Heterozygous	71.1	28197	SNP	Novel	3203	---
PDGFRA	chr4	55133726	T	G	Heterozygous	49.9	20074	SNP	Novel	3982	---
PDGFRA	chr4	55141055	A	G	Homozygous	100	45428	SNP	Novel	2856	---
PDGFRA	chr4	55152040	C	T	Heterozygous	51.7	21304	SNP	Novel	3987	---
KIT	chr4	55529200	-	A	Heterozygous	50.4	2630	INS	Novel	607	---
KIT	chr4	55566266	G	A	Homozygous	99	6377	SNP	Novel	418	---
KIT	chr4	55598952	T	C	Heterozygous	54	11992	SNP	Novel	2092	---
EGFR	chr7	55228053	A	-	Homozygous	100	20418	DEL	Novel	1375	---
MET	chr7	116313546	T	C	Heterozygous	53.4	11312	SNP	Novel	2016	---
RET	chr10	43613843	G	T	Heterozygous	49.2	19685	SNP	Novel	3989	---
RET	chr10	43615633	C	G	Heterozygous	50.8	15688	SNP	Novel	3016	---
KRAS	chr12	25386063	C	A	Homozygous	100	17605	SNP	Novel	1116	---
ERBB3	chr12	56477694	A	T	Heterozygous	49	19567	SNP	Novel	3976	---
CDK4	chr12	58144665	C	T	Heterozygous	49	12359	SNP	Novel	2524	---
ERBB2	chr17	37881350	G	A	Heterozygous	22.6	5575	SNP	Novel	3997	---