

Data Sheet

Product Name: CancerSeq AMS Paraffin Tissue Curl

Catalog No.: T2235152-AC

Lot No.: C201149

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: 41 year(s) old
Female: _____ year(s) old

Pathological Diagnosis: Adenosquamous Carcinoma

Tumor Size: N/A

Location: lung

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)

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Gene ID	Chrom	Position	Ref	Variant	Allele Call	Frequency	Quality	Type	Allele Source	Coverage	Allele Name
ALK	chr2	29416366	G	C	Homozygous	100	63877	SNP	Novel	3985	---
ALK	chr2	29416572	T	C	Homozygous	100	63617	SNP	Novel	3985	---
ALK	chr2	29445458	G	T	Homozygous	100	63839	SNP	Novel	3986	---
PIK3CA	chr3	178922274	C	A	Heterozygous	4.6	58	SNP	Novel	1440	---
FGFR3	chr4	1807894	G	A	Homozygous	100	63587	SNP	Novel	3984	---
PDGFRA	chr4	55097835	G	C	Heterozygous	97.5	60465	SNP	Novel	3991	---
PDGFRA	chr4	55133726	T	G	Heterozygous	92.8	54436	SNP	Novel	3969	---
PDGFRA	chr4	55141055	A	G	Homozygous	100	53089	SNP	Novel	3326	---
KIT	chr4	55529200	-	A	Heterozygous	94.8	7963	INS	Novel	621	---
KIT	chr4	55566266	G	A	Heterozygous	8.2	45	SNP	Novel	184	---
KIT	chr4	55593481	A	G	Heterozygous	93.8	56081	SNP	Novel	3993	---
EGFR	chr7	55249063	G	A	Heterozygous	27	7520	SNP	Novel	3999	---
KRAS	chr12	25386063	C	A	Homozygous	100	56138	SNP	Novel	3540	---
ERBB3	chr12	56477694	A	T	Heterozygous	66	31341	SNP	Novel	3986	---
CDK4	chr12	58144665	C	T	Heterozygous	61.1	27709	SNP	Novel	3996	---