

Data Sheet

Product Name: CancerSeq AMS Paraffin Tissue Curl

Catalog No.: T2235152-AC

Lot No.: C202162

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

Pathological Diagnosis: Adenocarcinoma, peripheral type, partially broncho-alveolar carcinoma

Tumor Size: 4 x 3 x 2 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)

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Gene ID	Chrom	Position	Ref	Variant	Allele Call	Frequency	Quality	Type	Allele Source	Coverage	Allele Name
JAK1	chr1	65310489	T	C	Heterozygous	45.5	8745	SNP	Novel	1995	---
ALK	chr2	29416366	G	C	Homozygous	100	31893	SNP	Novel	1989	---
ALK	chr2	29416572	T	C	Homozygous	100	31836	SNP	Novel	1993	---
ALK	chr2	29445458	G	T	Homozygous	100	31546	SNP	Novel	1982	---
FGFR3	chr4	1797741	T	C	Heterozygous	57.2	12556	SNP	Novel	2000	---
FGFR3	chr4	1807894	G	A	Homozygous	100	31868	SNP	Novel	1994	---
PDGFRA	chr4	55097835	G	C	Heterozygous	64.5	15043	SNP	Novel	1985	---
PDGFRA	chr4	55133726	T	G	Heterozygous	48.5	9635	SNP	Novel	1989	---
PDGFRA	chr4	55141055	A	G	Homozygous	100	31991	SNP	Novel	1998	---
PDGFRA	chr4	55152040	C	T	Heterozygous	48.7	9705	SNP	Novel	1998	---
KIT	chr4	55529160	GAAA	-	Heterozygous	11.2	16209	DEL	Novel	1194	---
KIT	chr4	55529160	GAAAA	-	Heterozygous	80.2	16209	DEL	Novel	1194	---
KIT	chr4	55529200	-	A	Heterozygous	48.7	9029	INS	Novel	1969	---
KIT	chr4	55566266	G	A	Homozygous	100	31839	SNP	Novel	1992	---
EGFR	chr7	55228053	A	-	Homozygous	100	29405	DEL	Novel	1984	---
MET	chr7	116398763	C	T	Heterozygous	53.7	11316	SNP	Novel	1999	---
RET	chr10	43613843	G	T	Homozygous	100	31885	SNP	Novel	1994	---
KRAS	chr12	25386063	C	A	Homozygous	100	31374	SNP	Novel	1990	---
KRAS	chr12	25386940	C	T	Heterozygous	44.1	8359	SNP	Novel	2000	---
KRAS	chr12	25389182	A	G	Heterozygous	47	9187	SNP	Novel	1992	---
KRAS	chr12	25389220	A	G	Heterozygous	49.6	10012	SNP	Novel	1994	---
KRAS	chr12	25398282	C	A	Heterozygous	12.4	654	SNP	Hotspot	1993	COSM527
KRAS	chr12	25400206	G	T	Heterozygous	41.5	7532	SNP	Novel	1992	---
ERBB3	chr12	56477694	A	T	Homozygous	100	31825	SNP	Novel	1987	---
CDK4	chr12	58144665	C	T	Heterozygous	59.4	13317	SNP	Novel	1999	---
AR	chrX	66776226	A	T	Homozygous	100	31551	SNP	Novel	1985	---