

Data Sheet

Product Name: CancerSeq AMS Paraffin Tissue Curl

Catalog No.: T2235152-AC

Lot No.: C201105

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: _____ year(s) old
Female: 49 year(s) old

Pathological Diagnosis: squamous cell carcinoma, (peripheral type)

Tumor Size: diameter 3 cm

Location: right 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	Homozygous	100	56860	SNP	Novel	3582	---
ALK	chr2	29416366	G	C	Homozygous	100	38941	SNP	Novel	2440	---
ALK	chr2	29416572	T	C	Homozygous	100	45618	SNP	Novel	2873	---
ALK	chr2	29445458	G	T	Homozygous	100	58089	SNP	Novel	3628	---
FGFR3	chr4	1807894	G	A	Homozygous	100	63750	SNP	Novel	3990	---
PDGFRA	chr4	55097835	G	C	Heterozygous	72.8	34937	SNP	Novel	3809	---
PDGFRA	chr4	55141055	A	G	Homozygous	100	49826	SNP	Novel	3130	---
KIT	chr4	55529200	-	A	Heterozygous	53.2	8241	INS	Novel	1553	---
KIT	chr4	55566266	G	A	Homozygous	100	13247	SNP	Novel	838	---
MET	chr7	116340262	A	G	Heterozygous	54.4	23200	SNP	Novel	3998	---
MET	chr7	116398763	C	T	Heterozygous	53.9	22761	SNP	Novel	3997	---
BRAF	chr7	140476936	G	A	Heterozygous	46.5	18042	SNP	Novel	3989	---
BRAF	chr7	140501253	A	G	Heterozygous	4.2	97	SNP	Novel	3999	---
RET	chr10	43613843	G	T	Homozygous	100	63702	SNP	Novel	3976	---
RET	chr10	43615633	C	G	Heterozygous	56.7	18251	SNP	Novel	2954	---
KRAS	chr12	25386063	C	A	Heterozygous	57.8	11641	SNP	Novel	1842	---
KRAS	chr12	25391239	G	C	Heterozygous	46.1	13073	SNP	Novel	2926	---
KRAS	chr12	25400206	G	T	Heterozygous	49.2	11984	SNP	Novel	2424	---
ERBB3	chr12	56477694	A	T	Heterozygous	43.8	15666	SNP	Novel	3808	---
CDK4	chr12	58144665	C	T	Homozygous	100	63620	SNP	Novel	3986	---