

Data Sheet

Product Name: CancerSeq AMS Paraffin Tissue Curl

Catalog No.: T2235152-AC

Lot No.: C201070

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: Adenocarcinoma, Peripheral, Partial bronchioloalveolar carcinoma

Tumor Size: N/A

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
MTOR	chr1	11188080	A	G	Heterozygous	29.4	142	SNP	Novel	68	---
MTOR	chr1	11217273	T	C	Heterozygous	13.1	42	SNP	Novel	61	---
ALK	chr2	29432673	C	T	Heterozygous	6.6	23	SNP	Novel	122	---
ALK	chr2	29432707	C	T	Heterozygous	6.5	23	SNP	Novel	123	---
PIK3CA	chr3	178947848	C	T	Heterozygous	5.5	19	SNP	Novel	146	---
PIK3CA	chr3	178947881	G	A	Heterozygous	44.1	613	SNP	Novel	145	---
FGFR3	chr4	1797691	C	T	Heterozygous	50	351	SNP	Novel	74	---
FGFR3	chr4	1803556	C	T	Heterozygous	3.8	10	SNP	Novel	130	---
FGFR3	chr4	1803571	C	T	Heterozygous	37.1	415	SNP	Novel	132	---
FGFR3	chr4	1803581	C	T	Heterozygous	4.5	13	SNP	Novel	133	---
FGFR3	chr4	1806087	C	T	Heterozygous	57	473	SNP	Novel	79	---
FGFR3	chr4	1806102	C	T	Heterozygous	10.1	34	SNP	Novel	79	---
FGFR3	chr4	1806136	G	A	Heterozygous	6.3	17	SNP	Novel	79	---
FGFR3	chr4	1807894	G	A	Homozygous	100	1587	SNP	Novel	99	---
FGFR3	chr4	1809243	C	T	Homozygous	100	411	SNP	Novel	29	---
FGFR3	chr4	1809246	C	T	Homozygous	100	411	SNP	Novel	29	---
FGFR3	chr4	1809276	C	T	Homozygous	100	447	SNP	Novel	31	---
EGFR	chr7	55232985	T	C	Heterozygous	30.8	146	SNP	Novel	65	---
EGFR	chr7	55233002	C	T	Heterozygous	86.5	851	SNP	Novel	74	---
EGFR	chr7	55233019	A	G	Heterozygous	8.1	24	SNP	Novel	74	---
EGFR	chr7	55233045	G	A	Heterozygous	12.2	42	SNP	Novel	74	---
EGFR	chr7	55233051	G	A	Heterozygous	13.5	49	SNP	Novel	74	---
BRAF	chr7	140501284	G	A	Heterozygous	22.6	292	SNP	Novel	199	---
RET	chr10	43610006	C	T	Homozygous	100	376	SNP	Novel	27	---
RET	chr10	43613843	G	T	Homozygous	100	818	SNP	Novel	57	---
FGFR2	chr10	123257975	T	C	Heterozygous	31.3	200	SNP	Novel	83	---
CDK4	chr12	58146010	C	T	Heterozygous	20.4	348	SNP	Novel	289	---
ERBB2	chr17	37879612	C	T	Heterozygous	10.5	90	SNP	Novel	237	---
ERBB2	chr17	37879843	G	A	Heterozygous	52.6	529	SNP	Novel	95	---
ERBB2	chr17	37881008	C	T	Homozygous	100	539	SNP	Novel	36	---
ERBB2	chr17	37883220	C	A	Homozygous	100	539	SNP	Novel	36	---
GNA11	chr19	3118949	G	A	Heterozygous	12.1	87	SNP	Novel	173	---
MAP2K2	chr19	4117544	G	A	Homozygous	100	465	SNP	Novel	32	---