

Data Sheet

Product Name: CancerSeqPlus Paraffin Tissue Curl

Catalog No.: T2235152-SC

Lot No.: B906043

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: 71 year(s) old

Female: _____ year(s) old

Pathological Diagnosis: adenocarcinoma

Tumor Size: 3.5 cm

Location: Lung, Left Upper Lobe

Components:

1. 5 curls per package
2. Certificate of Analysis

FOR IN VITRO RESEARCH USE ONLY

APPROVED BY: _____



Lot# **B906043**

For CNV mutations, we utilize stringent criteria to confirm copy number variations -- using normal tissues as controls. We may have samples containing additional CNVs not listed here. Please inquire.

CNV against colon	Copy Number	STDev of Copy Number	P-value	CNV against adrenal	Copy Number	STDev of Copy Number	P-value
NOTCH1	2.01	0.09	6.17E-02	NOTCH1	3.20	0.04	7.70E-03
PIK3CA (-)	0.27	0.01	3.13E-02	PIK3CA (-)	0.16	0.00	7.70E-03

symbol	type	chromosome	position	reference	mutation	quality score	allele type	Depth at this position	transcript_id	existing variation
ABL1	snp	chr9	133738448	C	T	1051.2	het	57	NM_007313.2	
AKT1	snp	chr14	105241444	TTCATG	TTCATA	2435.46	het	248	NM_001014431.1	
ALK	snp	chr2	29432672	C	T	1443.87	het	108	NM_004304.4	
ALK	snp	chr2	29443819	C	A	176.321	hom	10	NM_004304.4	
APC	snp	chr5	112173352	C	T	526.322	het	23	XM_005271975.1	
BRAF	snp	chr7	140481457	C	T	955.541	het	52	XM_005250045.1	
CDH1	snp	chr16	68771372	C	T	5562.13	hom	179	NM_004360.3	rs3743674
CDH1	snp	chr16	68842595	G	A	292.65	het	21	NM_004360.3	COSM19540&COSM19826
CDKN2A	mnp	chr9	21968199	CG	GA	339.709	hom	12	NM_001195132.1	
CDKN2A	snp	chr9	21968199	CG	GG	10477.6	hom	350	NM_001195132.1	
CDKN2A	snp	chr9	21974831	C	T	2272.7	hom	83	NM_001195132.1	COSM13814
DDR2	snp	chr1	162740327	T	C	7463.7	hom	240	XM_005245220.1	rs1780003
DDR2	snp	chr1	162741794	C	T	1952.32	het	85	XM_005245220.1	rs3738807
ERBB3	snp	chr12	56477694	A	T	3216.22	hom	104	NM_001982.3	rs2271194
ESR1	snp	chr6	152419957	C	T	2284.91	het	121	XM_005266856.1	
FBXW7	del,del	chr4	153268227	CAAAAAAAAA	CAAAAAAAAA	795.726	het	82	NM_033632.3	
FGFR1	snp	chr8	38285988	T	A	421.207	hom	20	NM_001174067.1	
FGFR3	del	chr4	1806012	TGGGGGGG	TGGGGGGG	608.032	het	86	NM_001163213.1	
FGFR3	snp	chr4	1807894	G	A	498.236	hom	18	NM_001163213.1	rs7688609
FGFR3	snp	chr4	1808256	C	T	2938	het	136	NM_001163213.1	
FGFR3	snp	chr4	1808971	T	C	589.86	het	24	NM_001163213.1	
FLT3	snp	chr13	28610183	A	G	1018.01	het	52	NM_004119.2	rs2491231
FOXL2	complex	chr3	138665053	CCTCC	TGGCG	263.479	hom	10	NM_023067.3	
HRAS	snp	chr11	534242	A	G	2868.32	het	165	NM_005343.2	rs12628&CM035804&COSM10000
HRAS	del	chr11	534403	GCCCAGGCC	GC	1940.65	het	266	NM_005343.2	

IDH1	del	chr2	209116299	GAAAAAAAA	GAAAAAAAA	436.588	het	50	XM_005246521.1	
IDH2	mnp	chr15	90631984	GAGG	CCTC	1121.22	het	241	NM_002168.2	
JAK3	snp	chr19	17945676	G	A	314.771	het	17	XM_005259896.1	
KDR	snp	chr4	55961159	T	C	275.515	hom	10	NM_002253.2	rs2219471
MDM2	snp	chr12	69230506	G	A	324.065	het	16	NM_002392.5	
MLH1	snp	chr3	37067240	T	A	1976.05	het	85	NM_000249.3	rs63750447&MMR_c.115
MLH1	snp	chr3	37067337	G	A	797.96	het	53	NM_000249.3	
MYC	snp	chr8	128746508	G	A	401.58	hom	16	NM_002467.4	
MYCN	snp	chr2	16080157	C	G	499.77	hom	16	NM_005378.4	rs11886063
MYCN	snp	chr2	16089615	T	C	901.388	hom	37	NM_005378.4	rs4669018
MYCNOS	snp	chr2	16080157	C	G	499.77	hom	16	NR_026766.1	rs11886063
NOTCH1	snp	chr9	139391636	G	A	1819.18	hom	78	NM_017617.3	rs2229974
NOTCH1	snp	chr9	139392025	C	T	348.066	het	28	NM_017617.3	rs375436198
NOTCH1	snp	chr9	139397707	G	A	3497.15	hom	123	NM_017617.3	rs10521&COSM33747&CC
NPM1	del	chr5	170837513	CTTTTTTTTT	CTTTTTTTTT	439.045	het	37	NM_002520.6	
PDGFRA	snp	chr4	55141055	A	G	1234.86	hom	44	NM_006206.4	rs1873778&COSM222428
PDGFRA	snp	chr4	55143996	G	A	678.778	het	34	NM_006206.4	
PDGFRA	snp	chr4	55161254	C	T	1581.1	hom	51	NM_006206.4	rs3733540
PDGFRA	snp	chr4	55161517	A	G	1581.77	hom	52	NM_006206.4	rs7680422
SMO	snp	chr7	128845277	G	C	1259.92	het	59	NM_005631.4	rs2075777
SMO	snp	chr7	128850366	C	T	3402.74	het	206	NM_005631.4	
STK11	snp	chr19	1218523	G	T	4035.3	het	274	XM_005259617.1	rs2075604
TP53	snp	chr17	7579472	G	C	1892.89	het	109	NM_000546.5	rs1042522&TP53_g.11446
TP53	snp	chr17	7579619	G	T	773.248	het	52	NM_000546.5	rs17883323
VHL	del	chr3	10183670	GAA	GA	2520.11	het	203	NM_000551.3	