

Mutations in RKO

RKO_LARGE_INTESTINE													
Gene	Protein Change	Chr	Start	End	NCBI Build	Variant Classification	Variant Type	Reference Allele	Tumor Allele 1	dbSNP ID	Annotation Transcript	Other Transcripts	Mutation Assessor
AAK1	p.S41_542QQ>Q	2	69741754	69741756	37	In_Frame_Del	Del	TGT	-	rs55712143	uc002sfp.2	\AAK1_uc010fdk.2...	
ABCA3	p.R160Q	16	2373658	2373658	37	Missense_Mutation	SNP	C	T		uc002cpy.1	\ABCA3_uc010bsk...	view
ABI1		10	27037488	27037488	37	3'UTR	Del	A	-	rs75446996	uc001isx.2	ABI1_uc001ite.2...	
ABL2	p.P986fs	1	179077445	179077445	37	Frame_Shift_Del	Del	G	-		uc001gmj.3	ABL2_uc010pnf.1...	
ABL2		1	179086420	179086420	37	Intron	Del	A	-		uc001gmj.3	ABL2_uc010pnf.1...	
ACACA	p.N1553S	17	35545335	35545335	37	Missense_Mutation	SNP	T	C		uc002hno.2	\ACACA_uc002hnk...	view
ACACA		17	35578553	35578553	37	Intron	Del	A	-		uc002hno.2	\ACACA_uc002hnk...	
ACACA	p.R694fs	17	35608932	35608932	37	Frame_Shift_Del	Del	T	-		uc002hno.2	\ACACA_uc002hnk...	
ACACA	p.Q105H	17	35687136	35687136	37	Missense_Mutation	SNP	C	A		uc002hno.2	\ACACA_uc002hnm...	view
ACACA		17	35766564	35766564	37	5'UTR	Del	A	-		uc002hno.2	\ACACA_uc002hnn...	
ACVR1C		2	158390344	158390344	37	3'UTR	Del	A	-		uc002tzk.3	\ACVR1C_uc002tzt...	
ADAM12		10	127705753	127705753	37	3'UTR	Del	A	-		uc001ljk.2	\ADAM12_uc010qul...	
ADAM12	p.M322I	10	127787024	127787024	37	Missense_Mutation	SNP	C	T		uc001ljk.2	\ADAM12_uc010qul...	view
ADAM12	p.T97fs	10	127843846	127843846	37	Frame_Shift_Del	Del	T	-		uc001ljk.2	\ADAM12_uc010qul...	
ADAM17		2	9630245	9630245	37	3'UTR	Del	T	-		uc002qzu.2	\ADAM17_uc010yiz.1...	
ADAM22	p.R106H	7	87564416	87564416	37	Missense_Mutation	SNP	G	A		uc003ujp.1	\ADAM22_uc003uji...	view
ADAM32	p.I460I	8	39080612	39080612	37	Silent	SNP	C	T		uc003xmt.3	\ADAM32_uc011ch...	view
ADAMTS18	p.A132P	16	77465293	77465293	37	Missense_Mutation	SNP	C	G		uc002ffc.3	\ADAMTS18_uc002f...	view
ADAMTS20	p.M507T	12	43856792	43856792	37	Missense_Mutation	SNP	A	G		uc010skx.1	\ADAMTS20_uc010sk...	view
ADAMTSL3	p.A159S	15	84488674	84488674	37	Missense_Mutation	SNP	G	T		uc002bjz.3	\ADAMTSL3_uc002b...	view
ADAMTSL3	p.S329I	15	84553878	84553878	37	Missense_Mutation	SNP	G	T		uc002bjz.3	\ADAMTSL3_uc010b...	view
ADHFE1	p.D280V	8	67364292	67364292	37	Missense_Mutation	SNP	A	T		uc003xwb.3	\ADHFE1_uc003xwd...	view
AFF4	p.T826fs	5	132228016	132228017	37	Frame_Shift_Ins	Ins	-	T		uc003kyd.2	\AFF4_uc011cxk.1...	
AGAP2	p.G203D	12	58131422	58131422	37	Missense_Mutation	SNP	C	T		uc001spq.2	\AGAP2_uc001spp...	view
AIM1	p.R1310Q	6	106992559	106992559	37	Missense_Mutation	SNP	G	A		uc003prh.2	\AIM1_uc003pri.2...	view
AIM1	p.G1340E	6	106992739	106992739	37	Missense_Mutation	SNP	G	A		uc003prh.2	\AIM1_uc003pri.2...	view
AKAP12	p.S1206fs	6	151673144	151673145	37	Frame_Shift_Ins	Ins	-	G		uc011eep.1	\AKAP12_uc003qoe...	
AKAP12	p.1531_1532insE	6	151674116	151674117	37	In_Frame_Ins	Ins	-	GAG	rs34737819	uc011eep.1	\AKAP12_uc003qoe...	
AKAP6		14	33201983	33201984	37	Intron	Del	TT	-		uc001wrq.2	\AKAP6_uc010aml...	
AKAP6	p.K1816N	14	33292467	33292467	37	Missense_Mutation	SNP	G	T		uc001wrq.2	\AKAP6_uc010aml...	view
AKAP9	p.1335_1336insQ	7	91652178	91652179	37	In_Frame_Ins	Ins	-	AAC	rs34756483	uc003ulg.2	\AKAP9_uc003ule...	
AKAP9		7	91670249	91670249	37	Intron	Del	T	-		uc003ulg.2	\AKAP9_uc003ule...	
AKAP9	p.E3571_splice	7	91727530	91727530	37	Splice_Site_SNP	SNP	T	C		uc003ulg.2	\AKAP9_uc003ulf...	view
AKT3	p.Q78K	1	243828126	243828126	37	Missense_Mutation	SNP	G	T		uc001iab.1	\AKT3_uc001hzz.1...	view
AKT3	p.Q60E	1	243828180	243828180	37	Missense_Mutation	SNP	G	C		uc001iab.1	\AKT3_uc001hzz.1...	view
ALPK1	p.G159_splice	4	113333183	113333183	37	Splice_Site_SNP	SNP	T	C		uc003iap.3	\ALPK1_uc011cfw...	view

ALPK1		4	113347557	113347557	37	Intron	SNP	A	G		uc003iap.3	ALPK1_uc003ian...	view
ALPK2	p.1388_1389FF>F	18	56203253	56203255	37	In_Frame_Del	Del	AAG	-		uc002lhj.3	ALPK2_uc002lhk....	
ALS2		2	202587707	202587707	37	Intron	Del	A	-		uc002uyo.2	ALS2_uc002uyp.3...	
ALS2		2	202587740	202587740	37	Intron	Del	A	-		uc002uyo.2	ALS2_uc002uyp.3...	
AR	p.T306I	X	66765905	66765905	37	Missense_Mutation	SNP	C	T		uc004dwu.1	R_uc011mpd.1_M	view
AR		X	66943842	66943842	37	3'UTR	Del	T	-		uc004dwu.1	R_uc004dvw.1_3...	
ARAF	p.P95P	X	47424280	47424280	37	Silent	SNP	G	A		uc011mlq.1	ARAF_uc011mln.1.	view
ARFGEF1	p.A959V	8	68152500	68152500	37	Missense_Mutation	SNP	G	A		uc003xxo.1	ARFGEF1_uc003xx...	view
ARFGEF1	p.Y566H	8	68179442	68179442	37	Missense_Mutation	SNP	A	G		uc003xxo.1	ARFGEF1_uc003xx...	view
ARHGAP29		1	94639389	94639391	37	3'UTR	Del	ACA	-		uc001dqj.3	ARHGAP29_uc009w...	
ARHGAP29		1	94639400	94639400	37	3'UTR	Del	A	-		uc001dqj.3	ARHGAP29_uc009w...	
ARHGAP29		1	94643144	94643144	37	Intron	Del	T	-		uc001dqj.3	ARHGAP29_uc009w...	
ARHGEF12	p.D712V	11	120327905	120327905	37	Missense_Mutation	SNP	A	T		uc001pxl.1	ARHGEF12_uc009z...	view
ARID1A	p.P1114fs	1	27097751	27097751	37	Frame_Shift_Del	Del	C	-		uc001bmv.1	RID1A_uc001bmt...	
ARID1A	p.G1848fs	1	27105931	27105931	37	Frame_Shift_Del	Del	G	-		uc001bmv.1	RID1A_uc001bmu...	
ASPH		8	62415824	62415825	37	3'UTR	Ins	-	TCTT		uc003xuj.2	ASPH_uc011leg.1...	
ASPH		8	62602296	62602296	37	Intron	Del	A	-		uc003xuj.2	ASPH_uc011leg.1...	
ASTN1	p.L945fs	1	176863804	176863805	37	Frame_Shift_Ins	Ins	-	G		uc001glc.2	ASTN1_uc001glb....	
ATP11A	p.I1067V	13	113530127	113530127	37	Missense_Mutation	SNP	A	G		uc001vsj.3	ATP11A_uc001vsl...	view
ATP13A5	p.S791I	3	193029678	193029678	37	Missense_Mutation	SNP	C	A		uc011bsq.1		view
AURKA	p.L222P	20	54956529	54956529	37	Missense_Mutation	SNP	A	G		uc002xxd.1	AURKA_uc002xxe...	view
AURKC		19	57742494	57742507	37	5'UTR	Del	GGACG...	-	};rs112039303;	uc002qoe.2	AURKC_uc002qoc....	
AXL		19	41749719	41749719	37	Intron	SNP	T	C		uc010ehj.2	YP2F1_uc010xvw...	view
B3GALT6	p.P194fs	1	1168239	1168240	37	Frame_Shift_Ins	Ins	-	G		uc001adk.2	BDF4_uc001adh.3...	
BAP1	p.P522T	3	52437597	52437597	37	Missense_Mutation	SNP	G	T		uc003ddx.2	AP1_uc003ddw.2.	view
BAX		19	49465000	49465001	37	3'UTR	Ins	-	G	rs72215802	uc002plk.2	BAX_uc010xzx.1_...	
BCL11A		2	60687522	60687522	37	3'UTR	Del	G	-		uc002sae.1	BCL11A_uc002sab...	
BCL9	p.M1405T	1	147096693	147096693	37	Missense_Mutation	SNP	T	C		uc001epq.2	BCL9_uc010ozr.1...	view
BCR	p.Q349R	22	23524193	23524193	37	Missense_Mutation	SNP	A	G		uc002zww.2	BCR_uc002zww.2_...	view
BIRC6	p.H2817Y	2	32718715	32718715	37	Missense_Mutation	SNP	C	T		uc010ezu.2		view
BLK	p.S330I	8	11415507	11415507	37	Missense_Mutation	SNP	G	T		uc003wty.2	BLK_uc003wtz.2_...	view
BMI1	p.P342H	10	22618002	22618002	37	Missense_Mutation	SNP	C	A		uc009xkg.2	BMI1_uc001irh.2...	view
BMPR1A	p.D107N	10	88651972	88651972	37	Missense_Mutation	SNP	G	A		uc001kdy.2		view
BMPR2	p.E581fs	2	203420130	203420130	37	Frame_Shift_Del	Del	A	-		uc002uzf.3	BMP2_uc010ftr....	
BRAF	p.V600E	7	140453136	140453136	37	Missense_Mutation	SNP	A	T	rs113488022	uc003vvc.3		view
BRCA1	p.D435Y	17	41246245	41246245	37	Missense_Mutation	SNP	C	A		uc002ict.2	BRCA1_uc010whp...	view
BRCA2	p.Q1782fs	13	32913837	32913837	37	Frame_Shift_Del	Del	A	-		uc001uub.1		
BRCC3	p.R82H	X	154305494	154305494	37	Missense_Mutation	SNP	G	A		uc004fna.2	BRCC3_uc011mzy...	view
BRD2		6	32948599	32948600	37	3'UTR	Del	CC	-		uc010juh.2	BRD2_uc003ocn.3...	
BRD4	p.E460G	19	15367947	15367947	37	Missense_Mutation	SNP	T	C		uc002nar.2	BRD4_uc002nas.2.	view

BRSK1	p.R445I	19	55815194	55815194	37	Missense_Mutation	SNP	G	T		uc002qkf.2	3RSK1_uc002qkg...	view
BUB1	p.H265N	2	111425110	111425110	37	Missense_Mutation	SNP	G	T		uc002tgc.2	3UB1_uc010yxh.1.	view
BUB1	p.Y259C	2	111425127	111425127	37	Missense_Mutation	SNP	T	C		uc002tgc.2	3UB1_uc010yxh.1.	view
C17ORF37		17	37885640	37885641	37	3'UTR	Ins	-	G	rs75811535	uc002hsq.2		
CACNA1F	p.G1783V	X	49063233	49063233	37	Missense_Mutation	SNP	C	A		uc004dnb.2	3ACNA1F_uc010ni...	view
CASK	p.H788R	X	41390402	41390402	37	Missense_Mutation	SNP	T	C		uc004df1.3	3CASK_uc004dfj.3...	view
CASP10	p.M378I	2	202074004	202074004	37	Missense_Mutation	SNP	G	A		uc002ujx.1	3ASP10_uc002uxk...	view
CASP3	p.I139fs	4	185552987	185552987	37	Frame_Shift_Del	Del	T	-		uc003iwh.2	3ASP3_uc003iwh...	
CASP8	p.F179del	2	202136290	202136292	37	In_Frame_Del	Del	TTT	-		uc002uxt.1	3CASP8_uc010ftc...	
CCR6		6	167417716	167417716	37	5'UTR	Del	T	-		uc003qvl.2	3GFR10P_uc011eg...	
CDC34	p.F206S	19	541458	541458	37	Missense_Mutation	SNP	T	C		uc002lov.2	3ZMM_uc002low.1	view
CDC7	p.S239R	1	91978759	91978759	37	Missense_Mutation	SNP	T	G	rs72077489	uc001doe.2	3DC7_uc001dof.2...	view
CDH1		16	68867462	68867462	37	3'UTR	SNP	T	C		uc002ewg.1	3CDH1_uc010vlj.1...	view
CDH3	p.F142L	16	68712439	68712439	37	Missense_Mutation	SNP	C	A		uc002ewf.2	3CDH3_uc010vli.1...	view
CDK11B	p.V485I	1	1573135	1573135	37	Missense_Mutation	SNP	C	T		uc001agv.1	3DK11B_uc009vjkj...	view
CDK15	p.A364T	2	202744782	202744782	37	Missense_Mutation	SNP	G	A		uc002uyt.2	3DK15_uc002uys...	view
CDK18		1	205492544	205492544	37	Intron	Del	G	-		uc001hcr.2	3DK18_uc009xbk...	
CDK4	p.K211_splice	12	58143289	58143289	37	Splice_Site_SNP	SNP	T	C		uc001spv.2	3DK4_uc010ssb.1...	view
CDK7	p.L206S	5	68558121	68558121	37	Missense_Mutation	SNP	T	C		uc003jvs.3	3CDK7_uc003jvt.3...	view
CDKL3	p.F591fs	5	133634348	133634349	37	Frame_Shift_Ins	Ins	-	A		uc003kzf.3	3DKL3_uc011cxm...	
CDKL4	p.T176S	2	39417572	39417572	37	Missense_Mutation	SNP	T	A		uc010fal.1	3DKL4_uc002rrm...	view
CEP110	p.E443fs	9	123875985	123875985	37	Frame_Shift_Del	Del	A	-		uc004bxx.1	3EP110_uc004bkw...	
CEP110		9	123939699	123939699	37	3'UTR	Del	T	-	rs75910820	uc004bxx.1	3EP110_uc004blb...	
CFI	p.K37fs	4	110687927	110687927	37	Frame_Shift_Del	Del	T	-		uc011cft.1	3CFI_uc003hxr.3_...	

