

Mutations in SW620

SW620_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
ADAM17		2	9630245	9630245	37	3'UTR	Del	T	-		uc002qzu.2	H1_uc010yiz.1...	
ADAM22	p.H872Y	7	87810869	87810869	37	issense_Mutati	SNP	C	T		uc003ujp.1	AM22_uc003uj	view
ADAM28		8	24211994	24211997	37	3'UTR	Del	CTAT	-	rs10610134	uc003xdy.2	AM28_uc011aa...	
ADAM32	p.I662T	8	39112015	39112015	37	issense_Mutati	SNP	T	C		uc003xmt.3	AM32_uc011lc	view
ADAMTS19	p.Y319N	5	128862036	128862036	37	issense_Mutati	SNP	T	A		uc003kvb.1	AMTS19_uc003	view
ADAMTS2	p.F773fs	5	178557071	178557071	37	frame_Shift_De	Del	G	-		uc003mjw.2		
AKAP12	p.L1531_1532ins	6	151674116	151674117	37	In_Frame_Ins	Ins	-	GAG	rs34737819	uc011eep.1	AP12_uc003qoe...	
APC	p.Q1338*	5	112175303	112175303	37	insense_Mutati	SNP	C	T		uc010jby.2	PC_uc011cvt.1	view
AURKC		19	57742494	57742507	37	5'UTR	Del	GGACG...	-	rs112039303;	uc002qoe.2	IRKC_uc002qoc...	
BCL9	p.P514fs	1	147091501	147091501	37	frame_Shift_De	Del	C	-		uc001epq.2	CL9_uc010ozr.1...	
BMP4		14	54416601	54416602	37	3'UTR	Ins	-	AT	495140;rs7633!	uc001xal.3	BP4_uc010aoh.2...	
BTG1		12	92537706	92537707	37	3'UTR	Ins	-	T	rs33983967	uc001tby.3	BTG1_uc001tbv.1...	
BTRC	p.H382Q	10	103294466	103294466	37	issense_Mutati	SNP	T	G		uc001kta.2	TRC_uc001ktb.2	view
CAD	p.E2194A	2	27466289	27466289	37	issense_Mutati	SNP	A	C		uc002rji.2	CD_uc010eyw.2	view
CARD10	p.KE272del	22	37906309	37906314	37	In_Frame_Del	Del	CTCCT...	-		uc003asx.1	CARD10_uc003ast...	
CCND2	p.V284M	12	4409155	4409155	37	issense_Mutati	SNP	G	A		uc001qmo.2		view
CDK11B		1	1654066	1654068	37	Intron	Del	GCG	-		uc001agv.1	CDK11B_uc001aha...	
CHIC2		4	54876131	54876132	37	3'UTR	Del	AC	-	rs107873;rs4437	uc003haj.1	GFRA_uc003haa...	
CHUK	p.W742*	10	101949368	101949368	37	insense_Mutati	SNP	C	T		uc001kqp.2		view
CLTC	p.P1671S	17	57771184	57771184	37	issense_Mutati	SNP	C	T		uc002ixr.1	LTC_uc002ixq.1	view
CLTCL1	p.V1201_splice	22	19189003	19189004	37	Splice_Site_Ins	Ins	-	C	rs11386977	uc002zpb.2	CLTCL1_uc011agv...	
CNTN5	p.A687V	11	100126546	100126546	37	issense_Mutati	SNP	C	T		uc001pga.2	CNTN5_uc001pfz	view
CREB3L2	p.T100del	7	137612914	137612916	37	In_Frame_Del	Del	TGG	-		uc003vtw.2	CREB3L2_uc003vt...	
CSNK1A1L		13	37678315	37678315	37	3'UTR	SNP	A	G		uc001uwm.1		view
CSNK1G3	p.Y64F	5	122888813	122888813	37	issense_Mutati	SNP	A	T		uc003kti.2	NK1G3_uc003k	view
CXCL12		10	44873992	44873993	37	Intron	Ins	-	CT	rs117617571	uc001jhb.2	CXCL12_uc001jbf...	
DGKG	p.Q359*	3	185986631	185986631	37	insense_Mutati	SNP	G	A		uc003fqa.2	DGKG_uc003fqb.2	view
DNMT1	p.L603M	19	10265287	10265287	37	issense_Mutati	SNP	G	T		uc010xlc.1	MT1_uc002mn	view
DPYD	p.A818S	1	97658795	97658795	37	issense_Mutati	SNP	C	A		uc001drv.2		view
DYRK1A		21	38884966	38884967	37	3'UTR	Ins	-	T	rs72430212	uc002ywk.2	DYRK1A_uc002ywi...	
EIF3A	p.E862K	10	120809387	120809387	37	issense_Mutati	SNP	C	T		uc001idu.2	EIF3A_uc010qsu.	view
EP300	p.P1440L	22	41566442	41566442	37	issense_Mutati	SNP	C	T		uc003azl.3		view
EP300		22	41574970	41574972	37	3'UTR	Del	GTA	-	rs76489032	uc003azl.3		

EPHA6		3	97367230	97367231	37	Intron	Ins	-	A	rs115253553	uc010how.1	PHA6_uc003drs...	
EPHB1	p.V322V	3	134851560	134851560	37	Silent	SNP	C	T		uc003eqt.2	PHB1_uc010htz	view
EPS15		1	51887719	51887719	37	Intron	Del	A	-		uc001csq.1	PS15_uc009vyz...	
ESR2	p.S39R	14	64749589	64749589	37	issense_Mutati	SNP	T	G		uc001xha.1	SR2_uc001xgu.2	view
FASN	p.A1102T	17	80045049	80045049	37	issense_Mutati	SNP	C	T		uc002kdu.2	SN_uc002kdw.	view
FGFR1OP		6	167453519	167453520	37	3'UTR	Ins	-	T	rs115519488	uc003qvj.2	CR6_uc003qvl.2...	
FIGF	p.H335Y	X	15364317	15364317	37	issense_Mutati	SNP	G	A		uc004cwt.1		view
FLI1		11	128638217	128638217	37	Intron	Del	G	-		uc010sbu.1	LI1_uc010sbt.1...	
GHR	p.Q148K	5	42699928	42699928	37	issense_Mutati	SNP	C	A		uc003jmt.2	HR_uc011cpq.1	view
GRIA3		X	122318386	122318387	37	Splice_Site_Ins	Ins	-	G	rs66632982	uc004etq.3	RIA3_uc004etr...	
GRIK1	p.E218Q	21	31045377	31045377	37	issense_Mutati	SNP	C	G		uc011acs.1	RIK1_uc002ynn	view
GUCY2C		12	14827464	14827466	37	Intron	Del	ATC	-	rs1525754;rs3083	uc001rcd.2	JCY2C_uc009zhz...	
HDAC2		6	114262093	114262093	37	3'UTR	SNP	G	T		uc003pwd.1	HDAC2_uc003pwc	view
HERC2	p.A3358T	15	28414787	28414787	37	issense_Mutati	SNP	C	T		uc001zjb.2		view
HIF1A		14	62213929	62213930	37	3'UTR	Ins	-	T	rs67890419	uc001xfs.2	HIF1A_uc001xfq...	
IL1R1	p.V432I	2	102792096	102792096	37	issense_Mutati	SNP	G	A		uc002tbq.2	IL1R1_uc010fix.	view
ILK		11	6630029	6630029	37	Intron	Del	C	-		uc001mee.2	IK_uc001mef.2_...	
ISG15	p.A40T	1	949478	949478	37	issense_Mutati	SNP	G	A		uc001acj.3		view
ITPR2	p.R470_splice	12	26834804	26834805	37	Splice_Site_Ins	Ins	-	ACTC	rs696203;rs59199	uc001rhg.2		
KIAA2022	p.E725Q	X	73962219	73962219	37	issense_Mutati	SNP	C	G		uc004eby.2		view
KRAS	p.G12V	12	25398284	25398284	37	issense_Mutati	SNP	C	A		uc001rgp.1	KRAS_uc001rgq.1	view
LRGUK	p.R528C	7	133884008	133884008	37	issense_Mutati	SNP	C	T		uc003vrm.1		view
LRP1B	p.R4062*	2	141092061	141092061	37	insense_Mutati	SNP	T	A		uc002tvj.1		view
MAF		16	79628537	79628537	37	Intron	Del	T	-		uc002ffm.2	MAF_uc002ffn.2_...	
MAML3	p.Q767_splice	4	140651585	140651587	37	Splice_Site_Del	Del	CTG	-		uc003ihz.1	GST2_uc010ioi...	
MAP2K7	p.L312_splice	19	7976216	7976216	37	Splice_Site_SNP	SNP	G	A		uc002miv.2	MAP2K7_uc010xk	view
MAP3K1	p.T949del	5	56177849	56177851	37	In_Frame_Del	Del	CAA	-		uc003jqw.3		
MAP3K1		5	56189586	56189586	37	3'UTR	SNP	T	G		uc003jqw.3		view
MAP3K14	p.R218_splice	17	43364293	43364294	37	Splice_Site_Ins	Ins	-	G	rs66766023	uc002iiv.1	MAP3K14_uc010da...	
MAP4K2		11	64569656	64569656	37	Intron	SNP	C	T		uc001obh.2	MAP4K2_uc001ob	view
MAPK12	p.K155K	22	50695067	50695067	37	Silent	SNP	C	T		uc003bkm.1	MAPK12_uc003bk	view
MAPKAPK3		3	50685575	50685575	37	3'UTR	Del	A	-	rs76026164	uc003day.1	MAPKAPK3_uc003d...	
MARK1	p.Q410H	1	220808825	220808825	37	issense_Mutati	SNP	G	T		uc009xdw.2	MARK1_uc001hmi	view
MLL3	p.K832E	7	151945025	151945025	37	issense_Mutati	SNP	T	C		uc003wla.2		view
MLLT6		17	36881873	36881873	37	3'UTR	Del	C	-		uc002hqi.3	MLLT6_uc002hqi...	
MSH3	p.PPA66del	5	79950742	79950750	37	In_Frame_Del	Del	CCCCC...	-	rs484572;rs1047	uc003kgz.2	HFR_uc011ctl.1...	
MSH6	p.E221D	2	48025785	48025785	37	issense_Mutati	SNP	A	C	rs41557217	uc002rwd.3	MSH6_uc002rwc.	view
MYST4	p.1104_1105ins	10	76781905	76781906	37	In_Frame_Ins	Ins	-	GAA	rs111976843	uc001jwn.1	MYST4_uc001jwm...	

NCAM1		11	112832307	112832308	37	5'UTR	Ins	-	A	rs117108942	uc009yyq.1	AM1_uc001pno....
NCAM1		11	112832340	112832340	37	5'UTR	Del	C	-		uc009yyq.1	AM1_uc001pno....
NEK3	p.K313_splice	13	52718050	52718051	37	Splice_Site_Ins	Ins	-	T	rs72514762	uc001vgh.2	EK3_uc001vvg.2...
NFIA	p.P146S	1	61554094	61554094	37	issense_Mutati	SNP	C	T		uc010oos.1	FIA_uc001czy.2 view
NONO	p.D422Y	X	70518649	70518649	37	issense_Mutati	SNP	G	T		uc004dzo.2	YRN1_uc011mp view
NPR1		1	153665919	153665920	37	3'UTR	Ins	-	C	rs66682713	uc001fcs.3	PR1_uc010pdz.1...
NR1H2	p.176_177insQ	19	50881822	50881823	37	In_Frame_Ins	Ins	-	CAG	rs1751954;rs1052	uc010enw.2	NR1H2_uc002prv....
OBSCN	p.E5974K	1	228529201	228529201	37	issense_Mutati	SNP	G	A		uc009xez.1	OBSCN_uc001hsn view
PAX3		2	223158653	223158653	37	Intron	Del	T	-	rs112753212	uc002vmt.1	PAX3_uc002vmy.1...
PGGT1B		5	114548071	114548072	37	3'UTR	Ins	-	C		uc003kqw.3	PGT1B_uc003kqx...
PIK3C2G		12	18800990	18800990	37	3'UTR	Del	A	-	rs16914368	uc010sib.1	PIK3C2G_uc001rd...
PML		15	74326962	74326962	37	Intron	SNP	G	A		uc002awv.2	PML_uc002awm.2 view
PRKDC	p.A1302G	8	48802984	48802984	37	issense_Mutati	SNP	G	C		uc003xqi.2	PRKDC_uc003xqj view
PRKDC	p.L1244fs	8	48805816	48805817	37	In_Frame_Shift_Ins	Ins	-	G	rs67588121	uc003xqi.2	PRKDC_uc003xqj....
PRKG2	p.G392S	4	82065465	82065465	37	issense_Mutati	SNP	C	T		uc003hnh.2	PRKG2_uc011ccf. view
PRKX	p.I252T	X	3544520	3544520	37	issense_Mutati	SNP	A	G		uc010nde.2	PRKX_uc010nde.2 view
RAG1	p.R34Q	11	36594955	36594955	37	issense_Mutati	SNP	G	A		uc001mwu.3	RAG1_uc001mwt. view
RAPGEF2		4	160189200	160189201	37	5'UTR	Ins	-	T	rs72011511	uc003iqg.3	
RASGRF1	p.R220Q	15	79339307	79339307	37	issense_Mutati	SNP	C	T		uc002beq.2	RASGRF1_uc002b view
RHPN2	p.Q30fs	19	33535248	33535251	37	In_Frame_Shift_Del	Del	GTTT	-		uc002nuf.2	RHPN2_uc010xro....
RIOK1	p.R534S	6	7417569	7417569	37	issense_Mutati	SNP	A	C		uc003mxn.2	RIOK1_uc003mxo view
RIPK2	p.P228A	8	90784009	90784009	37	issense_Mutati	SNP	C	G		uc003yee.2	RIPK2_uc003yef. view
RPS6KA5		14	91360733	91360734	37	Intron	Ins	-	T	rs77438853	uc001xys.2	RPS6KA5_uc010tw...
SIRT1	p.V383I	10	69667859	69667859	37	issense_Mutati	SNP	G	A		uc001jnd.2	SIRT1_uc010qis. view
SPP1	p.A248S	4	88903806	88903806	37	issense_Mutati	SNP	G	T		uc011cde.1	SPP1_uc003hra.2 view
STAR3	p.D218N	17	37815309	37815309	37	issense_Mutati	SNP	G	A		uc002hsd.2	STAR3_uc010we view
STK31		7	23872024	23872025	37	3'UTR	Ins	-	TTTG	rs66787534	uc003sww.3	STK31_uc003swt....
STK36	p.G13V	2	219537590	219537590	37	issense_Mutati	SNP	G	T		uc002viu.2	STK36_uc002viv. view
STRADB		2	202319467	202319468	37	Splice_Site_Del	DNP	AG	TT		uc002uyd.3	

