CentoSomatic Liquid – Fusions

These are the specific gene fusions identified by the CentoSomatic Liquid assay.

Gene	Variant ID	Genes (Exons)	Type
ALK	A2M-ALK.A22A19	A2M(22) - ALK(19)	Fusion
ALK	ACTG2-ALK.A1A17	ACTG2(1) - ALK(17)	Fusion
ALK	ACTG2-ALK.A1A19	ACTG2(1) - ALK(19)	Fusion
ALK	ACTG2-ALK.A2A18	ACTG2(2) - ALK(18)	Fusion
ALK	AGAP1-ALK.A6A18	AGAP1(6) - ALK(18)	Fusion
ALK	ATG16L1-ALK.A2A20	ATG16L1(2) - ALK(20)	Fusion
ALK	ATIC-ALK.A7A20.COSF444	ATIC(7) - ALK(20)	Fusion
ALK	ATRNL1-ALK.A19A20	ATRNL1(19) - ALK(20)	Fusion
ALK	BCL11A-ALK.B4A20	BCL11A(4) - ALK(20)	Fusion
ALK	BEND5-ALK.B3A20	BEND5(3) - ALK(20)	Fusion
ALK	BIRC6-ALK.B10A20	BIRC6(10) - ALK(20)	Fusion
ALK	CAD-ALK.C35A20	CAD(35) - ALK(20)	Fusion
ALK	CAD-ALK.C36A20	CAD(36) - ALK(20)	Fusion
ALK	CAMKMT-ALK.C3A20	CAMKMT(3) - ALK(20)	Fusion
ALK	CARS-ALK.C17A20.COSF437	CARS(17) - ALK(20)	Fusion
ALK	CCDC149-ALK.C10A20	CCDC149(10) - ALK(20)	Fusion
ALK	CCDC61-ALK.C13A20	CCDC61(13) - ALK(20)	Fusion
ALK	CCDC88A-ALK.C12A20	CCDC88A(12) - ALK(20)	Fusion
ALK	CENPF-ALK.C11A20	CENPF(11) - ALK(20)	Fusion
ALK	CEPBZ-ALK.C2A20	CEBPZ(2) - ALK(20)	Fusion
ALK	CLIP1-ALK.C13A20	CLIP1(13) - ALK(20)	Fusion
ALK	CLIP4-ALK.C10A20	CLIP4(10) - ALK(20)	Fusion
ALK	CLIP4-ALK.C14A17	CLIP4(14) - ALK(17)	Fusion
ALK	CLTC-ALK.C30A20.COSF470.1	CLTC(30) - ALK(20)	Fusion
ALK	CLTC-ALK.C31A20.COSF434	CLTC(31) - ALK(20)	Fusion
ALK	COL25A1-ALK.C3A20	COL25A1(3) - ALK(20)	Fusion
ALK	CPSF7-ALK.C5A20	CPSF7(5) - ALK(20)	Fusion
ALK	CREB1-ALK.C1A9	CREB1(1) - ALK(9)	Fusion
ALK	CTNND1-ALK.C16A20	CTNND1(16) - ALK(20)	Fusion
ALK	DCTN1-ALK.D15A20	DCTN1(15) - ALK(20)	Fusion
ALK	DCTN1-ALK.D26A20.COSF1626	DCTN1(26) - ALK(20)	Fusion
ALK	DCTN1-ALK.D27A20	DCTN1(27) - ALK(20)	Fusion
ALK	DCTN1-ALK.D29A20	DCTN1(29) - ALK(20)	Fusion
ALK	DDX6-ALK.D2A20	DDX6(2) - ALK(20)	Fusion
ALK	DES-ALK.D7A19	DES(7) - ALK(19)	Fusion
ALK	DMD-ALK.D55A20	DMD(55) - ALK(20)	Fusion
ALK	EEF1G-ALK.E6A20	EEF1G(6) - ALK(20)	Fusion
ALK	EEF1G-ALK.E8A20	EEF1G(8) - ALK(20)	Fusion
ALK	EIF2AK3-ALK.E2A20	EIF2AK3(2) - ALK(20)	Fusion
ALK	EML4-ALK.E12A20	EML4(12) - ALK(20)	Fusion

Gene	Variant ID	Genes (Exons)	Type
ALK	EML4-ALK.E13A19	EML4(13) - ALK(19)	Fusion
ALK	EML4-ALK.E13A20	EML4(13) - ALK(20)	Fusion
ALK	EML4-ALK.E13A20.COSF1062.3	EML4(13) - ALK(20)	Fusion
ALK	EML4-ALK.E13A20.COSF408.2	EML4(13) - ALK(20)	Fusion
ALK	EML4-ALK.E14A19	EML4(14) - ALK(19)	Fusion
ALK	EML4-ALK.E14A20.COSF1064.2	EML4(14) - ALK(20)	Fusion
ALK	EML4-ALK.E14A20.COSF477.3	EML4(14) - ALK(20)	Fusion
ALK	EML4-ALK.E15A20.COSF413.2	EML4(15) - ALK(20)	Fusion
ALK	EML4-ALK.E17A19	EML4(17) - ALK(19)	Fusion
ALK	EML4-ALK.E17A20.COSF1366.4	EML4(17) - ALK(20)	Fusion
ALK	EML4-ALK.E17A20.COSF1367.3	EML4(17) - ALK(20)	Fusion
ALK	EML4-ALK.E18A20.COSF487.1	EML4(18) - ALK(20)	Fusion
ALK	EML4-ALK.E19A20	EML4(19) - ALK(20)	Fusion
ALK	EML4-ALK.E19A20full	EML4(19) - ALK(20)	Fusion
ALK	EML4-ALK.E20A20.COSF409.2	EML4(20) - ALK(20)	Fusion
ALK	EML4-ALK.E20A20.COSF730.2	EML4(20) - ALK(20)	Fusion
ALK	EML4-ALK.E21A19	EML4(21) - ALK(19)	Fusion
ALK	EML4-ALK.E21A20	EML4(21) - ALK(20)	Fusion
ALK	EML4-ALK.E22A20	EML4(22) - ALK(20)	Fusion
ALK	EML4-ALK.E2A19	EML4(2) - ALK(19)	Fusion
ALK	EML4-ALK.E2A20.COSF478.2	EML4(2) - ALK(20)	Fusion
ALK	EML4-ALK.E2A20.COSF479.2	EML4(2) - ALK(20)	Fusion
ALK	EML4-ALK.E3A20	EML4(3) - ALK(20)	Fusion
ALK	EML4-ALK.E3E6A20	EML4(3) - ALK(20)	Fusion
ALK	EML4-ALK.E4A13	EML4(4) - ALK(13)	Fusion
ALK	EML4-ALK.E6A16	EML4(6) - ALK(16)	Fusion
ALK	EML4-ALK.E6A17	EML4(6) - ALK(17)	Fusion
ALK	EML4-ALK.E6A18.1	EML4(6) - ALK(18)	Fusion
ALK	EML4-ALK.E6A19.COSF1296.2	EML4(6) - ALK(19)	Fusion
ALK	EML4-ALK.E6aA20.AB374361.1	EML4(6) - ALK(20)	Fusion
ALK	EML4-ALK.E6bA17	EML4(6) - ALK(17)	Fusion
ALK	EML4-ALK.E6bA20.AB374362.1	EML4(6) - ALK(20)	Fusion
ALK	EML4-ALK.E7A20.NGS	EML4(7) - ALK(20)	Fusion
ALK	ETV6-ALK.E4A20	ETV6(4) - ALK(20)	Fusion
ALK	ETV6-ALK.E5A20	ETV6(5) - ALK(20)	Fusion
ALK	FBXO36-ALK.F2A20	FBXO36(2) - ALK(20)	Fusion
ALK	FN1-ALK.F15A18	FN1(15) - ALK(18)	Fusion
ALK	FN1-ALK.F20A19	FN1(20) - ALK(19)	Fusion
ALK	FN1-ALK.F23A19.COSF1301	FN1(23) - ALK(19)	Fusion
ALK	FN1-ALK.F27A18	FN1(27) - ALK(18)	Fusion
ALK	FN1-ALK.F41A16	FN1(41) - ALK(16)	Fusion
ALK	FN1-ALK.F42A16	FN1(42) - ALK(16)	Fusion
ALK	GALNT14-ALK.G1A19	GALNT14(1) - ALK(19)	Fusion
ALK	GCC2-ALK.G13A20	GCC2(13) - ALK(20)	Fusion
ALK	GCC2-ALK.G19A20	GCC2(19) - ALK(20)	Fusion
ALK	GTF2IRD1-ALK.G4A20	GTF2IRD1(4) - ALK(20)	Fusion
ALK	GTF2IRD1-ALK.G7A20	GTF2IRD1(7) - ALK(20)	Fusion
ALK	HIP1-ALK.H21A20	HIP1(21) - ALK(20)	Fusion
ALK	HIP1-ALK.H28A20	HIP1(28) - ALK(20)	Fusion
ALK	HIP1-ALK.H30A20.COSF1713	HIP1(30) - ALK(20)	Fusion

Gene	Variant ID	Genes (Exons)	Type
ALK	HNRNPA1-ALK.H2A18	HNRNPA1(2) - ALK(18)	Fusion
ALK	IGFBP5-ALK.I1A19	IGFBP5(1) - ALK(19)	Fusion
ALK	ITSN2-ALK.I14A2	ITSN2(14) - ALK(2)	Fusion
ALK	KANK2-ALK.K4A16	KANK2(4) - ALK(16)	Fusion
ALK	KCNQ5-ALK.K1A10	KCNQ5(1) - ALK(10)	Fusion
ALK	KIF5B-ALK.K15A20.COSF1060.2	KIF5B(15) - ALK(20)	Fusion
ALK	KIF5B-ALK.K15A20.COSF1381.1	KIF5B(15) - ALK(20)	Fusion
ALK	KIF5B-ALK.K17A20.COSF1257	KIF5B(17) - ALK(20)	Fusion
ALK	KIF5B-ALK.K24A19	KIF5B(24) - ALK(19)	Fusion
ALK	KIF5B-ALK.K24A20.COSF1058.1	KIF5B(24) - ALK(20)	Fusion
ALK	KLC1-ALK.K9A20.COSF1276	KLC1(9) - ALK(20)	Fusion
ALK	KTN1-ALK.K43A19	KTN1(43) - ALK(19)	Fusion
ALK	LMNA-ALK.L2A20	LMNA(2) - ALK(20)	Fusion
ALK	LMO7-ALK.L15A20	LMO7(15) - ALK(20)	Fusion
ALK	LRPPRC-ALK.L23A20	LRPPRC(23) - ALK(20)	Fusion
ALK	LRRFIP2-ALK.L26A20	LRRFIP2(26) - ALK(20)	Fusion
ALK	LTBP1-ALK.L19A20	LTBP1(19) - ALK(20)	Fusion
ALK	MALAT1-ALK.M1A16.2	MALAT1(1) - ALK(16)	Fusion
ALK	MANBA-ALK.M14A20	MANBA(14) - ALK(20)	Fusion
ALK	MAPRE3-ALK.M7A20	MAPRE3(7) - ALK(20)	Fusion
ALK	MCFD2-ALK.M1A20	MCFD2(1) - ALK(20)	Fusion
ALK	MEMO1-ALK.M1A2	MEMO1(1) - ALK(2)	Fusion
ALK	MEMO1-ALK.M2A7	MEMO1(2) - ALK(7)	Fusion
ALK	MLPH-ALK.M11A20	MLPH(11) - ALK(20)	Fusion
ALK	MPRIP-ALK.M21A20	MPRIP(21) - ALK(20)	Fusion
ALK	MROH2B-ALK.M21A12	MROH2B(21) - ALK(12)	Fusion
ALK	MSN-ALK.M11A20.COSF421	MSN(11) - ALK(20)	Fusion
ALK	MSN-ALK.M9A20	MSN(9) - ALK(20)	Fusion
ALK	MYH10-ALK.M38A20	MYH10(38) - ALK(20)	Fusion
ALK	MYH9-ALK.M36A20	MYH9(36) - ALK(20)	Fusion
ALK	MYO5C-ALK.M30A20	MYO5C(30) - ALK(20)	Fusion
ALK	MYT1L-ALK.M14A20	MYT1L(14) - ALK(20)	Fusion
ALK	NCOA1-ALK.N21A1.NGS	NCOA1(21) - ALK(1)	Fusion
ALK	NPM1-ALK.N4A20.COSF198	NPM1(4) - ALK(20)	Fusion
ALK	NUMA1-ALK.N19A20	NUMA1(19) - ALK(20)	Fusion
ALK	OTOF-ALK.O2A3	OTOF(2) - ALK(3)	Fusion
ALK	PABPC1-ALK.P9A20	PABPC1(9) - ALK(20)	Fusion
ALK	PCM1-ALK.P23A20	PCM1(23) - ALK(20)	Fusion
ALK	PDE3A-ALK.P10A8	PDE3A(10) - ALK(8)	Fusion
ALK	PDE8B-ALK.P11A20	PDE8B(11) - ALK(20)	Fusion
ALK	PHACTR1-ALK.P4A20	PHACTR1(4) - ALK(20)	Fusion
ALK	PLEKHA7-ALK.P26A19	PLEKHA7(26) - ALK(19)	Fusion
ALK	PNPT1-ALK.P5A4	PNPT1(5) - ALK(4)	Fusion
ALK	PPFIBP1-ALK.P12A20.COSF1461	PPFIBP1(12) - ALK(20)	Fusion
ALK	PPFIBP1-ALK.P9A20	PPFIBP1(9) - ALK(20)	Fusion
ALK	PPM1B-ALK.P1A20	PPM1B(1) - ALK(20)	Fusion
ALK	PPM1G-ALK.P1A18	PPM1G(1) - ALK(18)	Fusion
ALK	PPP1CB-ALK.P5A20	PPP1CB(5) - ALK(20)	Fusion
ALK	PPP1CB-ALK.P7A20	PPP1CB(7) - ALK(20)	Fusion
ALK	PPP1R21-ALK.P17A20	PPP1R21(17) - ALK(20)	Fusion

Gene	Variant ID	Genes (Exons)	Type
ALK	PPP1R21-ALK.P7A20	PPP1R21(7) - ALK(20)	Fusion
ALK	PPP4R3B-ALK.P9A2	PPP4R3B(10) - ALK(2)	Fusion
ALK	PRKAR1-ALK.P5A20	PRKAR1A(5) - ALK(20)	Fusion
ALK	PRKAR1A-ALK.P10A20	PRKAR1A(10) - ALK(20)	Fusion
ALK	PRKAR1A-ALK.P2A20.NGS.2	PRKAR1A(2) - ALK(20)	Fusion
ALK	PRKAR1B-ALK.P4A20	PRKAR1B(4) - ALK(20)	Fusion
ALK	PRKAR2A-ALK.P2A20	PRKAR2A(2) - ALK(20)	Fusion
ALK	PRKCE-ALK.P1A20	PRKCE(1) - ALK(20)	Fusion
ALK	RANBP2-ALK.R18A20.COSF415	RANBP2(18) - ALK(20)	Fusion
ALK	RNF213-ALK.R20A20	RNF213(20) - ALK(20)	Fusion
ALK	SATB1-ALK.S5A20	SATB1(5) - ALK(20)	Fusion
ALK	SATB1-ALK.S6A20	SATB1(6) - ALK(20)	Fusion
ALK	SEC31A-ALK.S21A20.COSF460	SEC31A(21) - ALK(20)	Fusion
ALK	SEC31A-ALK.S22A20.COSF459	SEC31A(22) - ALK(20)	Fusion
ALK	SFT2D1-ALK.S1A6	SFT2D1(1) - ALK(6)	Fusion
ALK	SLC34A2-ALK.S1A20	SLC34A2(1) - ALK(20)	Fusion
ALK	SLC8A1-ALK.S1A20	SLC8A1(1) - ALK(20)	Fusion
ALK	SLMAP-ALK.S11A20	SLMAP(11) - ALK(20)	Fusion
ALK	SP100-ALK.S4A20	SP100(4) - ALK(20)	Fusion
ALK	SPDYA-ALK.S6A20	SPDYA(6) - ALK(20)	Fusion
ALK	SPECC1L-ALK.S9A20	SPECC1L(9) - ALK(20)	Fusion
ALK	SPTBN1-ALK.S5A20	SPTBN1(5) - ALK(20)	Fusion
ALK	SPTBN1-ALK.S6A20	SPTBN1(6) - ALK(20)	Fusion
ALK	SPTBN1-ALK.S7A20	SPTBN1(7) - ALK(20)	Fusion
ALK	SQSTM1-ALK.S5A19	SQSTM1(5) - ALK(19)	Fusion
ALK	SQSTM1-ALK.S5A20.COSF1051	SQSTM1(5) - ALK(20)	Fusion
ALK	STK32B-ALK.S11A20	STK32B(11) - ALK(20)	Fusion
ALK	STRN-ALK.S3A20.COSF1430	STRN(3) - ALK(20)	Fusion
ALK	TERT-ALK.T11A5	TERT(11) - ALK(5)	Fusion
ALK	TFG-ALK.T4A19	TFG(4) - ALK(19)	Fusion
ALK	TFG-ALK.T4A20.COSF424	TFG(4) - ALK(20)	Fusion
ALK	TFG-ALK.T5A19	TFG(5) - ALK(19)	Fusion
ALK	TFG-ALK.T5A20.COSF426	TFG(5) - ALK(20)	Fusion
ALK	TFG-ALK.T6A20.COSF428.1	TFG(6) - ALK(20)	Fusion
ALK	TFG-ALK.T7A19	TFG(7) - ALK(19)	Fusion
ALK	TFG-ALK.T7A20	TFG(7) - ALK(20)	Fusion
ALK	THBS1-ALK.T4A19	THBS1(4) - ALK(19)	Fusion
ALK	TIMP3-ALK.T1A19	TIMP3(1) - ALK(19)	Fusion
ALK	TIMP3-ALK.T1A20	TIMP3(1) - ALK(20)	Fusion
ALK	TNS1-ALK.T16A17	TNS1(16) - ALK(17)	Fusion
ALK	TNS1-ALK.T16A20	TNS1(16) - ALK(20)	Fusion
ALK	TNS1-ALK.T17A12	TNS1(17) - ALK(12)	Fusion
ALK	TNS1-ALK.T20A12	TNS1(20) - ALK(12)	Fusion
ALK	TNS1-ALK.T26A11	TNS1(26) - ALK(11)	Fusion
ALK	TNS1-ALK.T28A20	TNS1(28) - ALK(20)	Fusion
ALK	TNS1-ALK.T32A13	TNS1(32) - ALK(13)	Fusion
ALK	TPM1-ALK.T8A20	TPM1(8) - ALK(20)	Fusion
ALK	TPM3-ALK.T7A20.COSF439	TPM3(7) - ALK(20)	Fusion
ALK	TPM4-ALK.T7A20	TPM4(7) - ALK(20)	Fusion
ALK	TPM4-ALK.T7A20.COSF441	TPM4(7) - ALK(20)	Fusion

Gene	Variant ID	Genes (Exons)	Type
ALK	TPR-ALK.T15A20.1	TPR(15) - ALK(20)	Fusion
ALK	TPR-ALK.T4A20	TPR(4) - ALK(20)	Fusion
ALK	TRAF1-ALK.T6A20	TRAF1(6) - ALK(20)	Fusion
ALK	TRMT61B-ALK.T1A9	TRMT61B(1) - ALK(9)	Fusion
ALK	VCL-ALK.V16A20.COSF1057.1	VCL(16) - ALK(20)	Fusion
ALK	YPEL5-ALK.Y1A18	YPEL5(1) - ALK(18)	Fusion
ALK	ZNF2-ALK.Z1A20	ZNF2(1) - ALK(20)	Fusion
AR	AR-AR.A3A4.V7	AR(3) - AR(4)	RNAExonVariant
BRAF	AGAP3-BRAF.A10B11	AGAP3(10) - BRAF(11)	Fusion
BRAF	AGAP3-BRAF.A10B9	AGAP3(10) - BRAF(9)	Fusion
BRAF	AGAP3-BRAF.A8B11	AGAP3(8) - BRAF(11)	Fusion
BRAF	AGAP3-BRAF.A8B9	AGAP3(8) - BRAF(9)	Fusion
BRAF	AGAP3-BRAF.A9B9	AGAP3(9) - BRAF(9)	Fusion
BRAF	AGK-BRAF.A2B8	AGK(2) - BRAF(8)	Fusion
BRAF	AGTRAP-BRAF.A5B8.COSF828.2	AGTRAP(5) - BRAF(8)	Fusion
BRAF	AKAP9-BRAF.A21B10	AKAP9(21) - BRAF(10)	Fusion
BRAF	AKAP9-BRAF.A22B9	AKAP9(22) - BRAF(9)	Fusion
BRAF	AKAP9-BRAF.A28B9	AKAP9(28) - BRAF(9)	Fusion
BRAF	AKAP9-BRAF.A36B9	AKAP9(36) - BRAF(9)	Fusion
BRAF	AKAP9-BRAF.A45B9	AKAP9(45) - BRAF(9)	Fusion
BRAF	AKAP9-BRAF.A48B8	AKAP9(48) - BRAF(8)	Fusion
BRAF	AKAP9-BRAF.A7B11	AKAP9(7) - BRAF(11)	Fusion
BRAF	AKAP9-BRAF.A8B9.COSF1013.1	AKAP9(8) - BRAF(9)	Fusion
BRAF	AP3B1-BRAF.A22B9	AP3B1(22) - BRAF(9)	Fusion
BRAF	ARMC10-BRAF.A3B9	ARMC10(3) - BRAF(9)	Fusion
BRAF	ARMC10-BRAF.A4B11	ARMC10(4) - BRAF(11)	Fusion
BRAF	ATG7-BRAF.A18B9	ATG7(18) - BRAF(9)	Fusion
BRAF	BAIAP2L1-BRAF.B12B9	BAIAP2L1(12) - BRAF(9)	Fusion
BRAF	BBS9-BRAF.B19B4	BBS9(19) - BRAF(4)	Fusion
BRAF	BCAP29-BRAF.B7B11	BCAP29(7) - BRAF(11)	Fusion
BRAF	BCL2L11-BRAF.B3B10	BCL2L11(3) - BRAF(10)	Fusion
BRAF	BTF3L4-BRAF.B3B11	BTF3L4(3) - BRAF(11)	Fusion
BRAF	C7orf73-BRAF.C2B9	C7orf73(2) - BRAF(9)	Fusion
BRAF	CCDC6-BRAF.C1B9	CCDC6(1) - BRAF(9)	Fusion
BRAF	CCDC6-BRAF.C2B8	CCDC6(2) - BRAF(8)	Fusion
BRAF	CCDC91-BRAF.C11B9	CCDC91(11) - BRAF(9)	Fusion
BRAF	CCNY-BRAF.C1B10	CCNY(1) - BRAF(10)	Fusion
BRAF	CDC27-BRAF.C16B9.1	CDC27(16) - BRAF(9)	Fusion
BRAF	CDC42BPB-BRAF.C36B9	CDC42BPB(36) - BRAF(9)	Fusion
BRAF	CDK5RAP2-BRAF.C12B11	CDK5RAP2(12) - BRAF(11)	Fusion
BRAF	CDK5RAP2-BRAF.C13B8	CDK5RAP2(13) - BRAF(8)	Fusion
BRAF	CDK5RAP2-BRAF.C13B9	CDK5RAP2(13) - BRAF(9)	Fusion
BRAF	CEP89-BRAF.C16B9.COSF1650	CEP89(16) - BRAF(9)	Fusion
BRAF	CLCN6-BRAF.C2B11.COSF1440	CLCN6(2) - BRAF(11)	Fusion
BRAF	CLIP2-BRAF.C6B11	CLIP2(6) - BRAF(11)	Fusion
BRAF	COBL-BRAF.C7B10	COBL(7) - BRAF(10)	Fusion
BRAF	CUL1-BRAF.C7B9	CUL1(7) - BRAF(9)	Fusion
BRAF	CUX1-BRAF.C10B9	CUX1(10) - BRAF(9)	Fusion
BRAF	CUX1-BRAF.C8B8	CUX1(8) - BRAF(8)	Fusion
BRAF	DGKI-BRAF.D7B10	DGKI(7) - BRAF(10)	Fusion

Gene	Variant ID	Genes (Exons)	Type
BRAF	DLG1-BRAF.D3B10	DLG1(3) - BRAF(10)	Fusion
BRAF	DLG1-BRAF.D5B9	DLG1(5) - BRAF(9)	Fusion
BRAF	DOCK4-BRAF.D41B9	DOCK4(41) - BRAF(9)	Fusion
BRAF	DSTYK-BRAF.D1B10	DSTYK(1) - BRAF(10)	Fusion
BRAF	DYNC1I2-BRAF.D7B10	DYNC1I2(7) - BRAF(10)	Fusion
BRAF	EML4-BRAF.E6B10	EML4(6) - BRAF(10)	Fusion
BRAF	EPS15-BRAF.E22B10	EPS15(22) - BRAF(10)	Fusion
BRAF	EPS15L1-BRAF.E16B9	EPS15L1(16) - BRAF(9)	Fusion
BRAF	ERC1-BRAF.E12B10	ERC1(12) - BRAF(10)	Fusion
BRAF	ERC1-BRAF.E17B8	ERC1(17) - BRAF(8)	Fusion
BRAF	ESYT2-BRAF.E8B9	ESYT2(8) - BRAF(9)	Fusion
BRAF	FAM114A2-BRAF.F9B11	FAM114A2(9) - BRAF(11)	Fusion
BRAF	FAM131B-BRAF.F1B10.COSF1191	FAM131B(1) - BRAF(10)	Fusion
BRAF	FAM131B-BRAF.F2B9.COSF1189.2	FAM131B(2) - BRAF(9)	Fusion
BRAF	FAM131B-BRAF.F3B9.COSF1193.1	FAM131B(3) - BRAF(9)	Fusion
BRAF	FAM73A-BRAF.F7B9	FAM73A(7) - BRAF(9)	Fusion
BRAF	FCHSD1-BRAF.F13B9.COSF403	FCHSD1(13) - BRAF(9)	Fusion
BRAF	FXR1-BRAF.F13B10	FXR1(13) - BRAF(10)	Fusion
BRAF	GATM-BRAF.G2B11.COSF1731	GATM(2) - BRAF(11)	Fusion
BRAF	GHR-BRAF.G1B10	GHR(1) - BRAF(10)	Fusion
BRAF	GIPC2-BRAF.G3B10	GIPC2(3) - BRAF(10)	Fusion
BRAF	GIT2-BRAF.G14B9	GIT2(14) - BRAF(9)	Fusion
BRAF	GNAI1-BRAF.G1B10.COSF1442	GNAI1(1) - BRAF(10)	Fusion
BRAF	GTF2I-BRAF.G20B10	GTF2I(20) - BRAF(10)	Fusion
BRAF	GTF2I-BRAF.G4B10	GTF2I(4) - BRAF(10)	Fusion
BRAF	HERPUD1-BRAF.H4B7.1	HERPUD1(4) - BRAF(7)	Fusion
BRAF	HERPUD1-BRAF.H6B7	HERPUD1(6) - BRAF(7)	Fusion
BRAF	KANK1-BRAF.K7B9	KANK1(7) - BRAF(9)	Fusion
BRAF	KCTD7-BRAF.K3B8	KCTD7(3) - BRAF(8)	Fusion
BRAF	KCTD7-BRAF.K4B8	KCTD7(4) - BRAF(8)	Fusion
BRAF	KDM7A-BRAF.K11B11	KDM7A(11) - BRAF(11)	Fusion
BRAF	KDM7A-BRAF.K12B4	JHDM1D(12) - BRAF(4)	Fusion
BRAF	KIAA1549-BRAF.K11B10	KIAA1549(11) - BRAF(10)	Fusion
BRAF	KIAA1549-BRAF.K12B11.1	KIAA1549(12) - BRAF(11)	Fusion
BRAF	KIAA1549-BRAF.K12B9.COSF1474.1	KIAA1549(12) - BRAF(9)	Fusion
BRAF	KIAA1549-BRAF.K13B11	KIAA1549(13) - BRAF(11)	Fusion
BRAF	KIAA1549-BRAF.K13B8	KIAA1549(13) - BRAF(8)	Fusion
BRAF	KIAA1549-BRAF.K13B9	KIAA1549(13) - BRAF(9)	Fusion
BRAF	KIAA1549-BRAF.K14B11.COSF1226	KIAA1549(14) - BRAF(11)	Fusion
BRAF	KIAA1549-BRAF.K14B8	KIAA1549(14) - BRAF(8)	Fusion
BRAF	KIAA1549-BRAF.K14B9.COSF483	KIAA1549(14) - BRAF(9)	Fusion
BRAF	KIAA1549-BRAF.K15B10.COSF1283.2	KIAA1549(15) - BRAF(10)	Fusion
BRAF	KIAA1549-BRAF.K15B11.COSF485.2	KIAA1549(15) - BRAF(11)	Fusion
BRAF	KIAA1549-BRAF.K15B9.COSF481.2	KIAA1549(15) - BRAF(9)	Fusion
BRAF	KIAA1549-BRAF.K17B10.COSF509	KIAA1549(17) - BRAF(10)	Fusion
BRAF	KIAA1549-BRAF.K18B9.COSF511	KIAA1549(18) - BRAF(9)	Fusion
BRAF	KIAA1549-BRAF.K5B9	KIAA1549(5) - BRAF(9)	Fusion
BRAF	KIAA1549-BRAF.K9B9	KIAA1549(9) - BRAF(9)	Fusion
BRAF	KLHL7-BRAF.K4B10	KLHL7(4) - BRAF(10)	Fusion
BRAF	KLHL7-BRAF.K5B9	KLHL7(5) - BRAF(9)	Fusion

Gene	Variant ID	Genes (Exons)	Type
BRAF	LMO7-BRAF.L6B9	LMO7(7) - BRAF(9)	Fusion
BRAF	LSM12-BRAF.L3B9	LSM12(3) - BRAF(9)	Fusion
BRAF	LSM14A-BRAF.L9B9.COSF1652	LSM14A(9) - BRAF(9)	Fusion
BRAF	MACF1-BRAF.M5B9	MACF1(5) - BRAF(9)	Fusion
BRAF	MACF1-BRAF.M60B9	MACF1(60) - BRAF(9)	Fusion
BRAF	MAD1L1-BRAF.M16B9	MAD1L1(16) - BRAF(9)	Fusion
BRAF	MAD1L1-BRAF.M17B10	MAD1L1(17) - BRAF(10)	Fusion
BRAF	MBP-BRAF.M2B9	MBP(2) - BRAF(9)	Fusion
BRAF	MKRN1-BRAF.M4B10	MKRN1(4) - BRAF(10)	Fusion
BRAF	MKRN1-BRAF.M4B11.COSF1444	MKRN1(4) - BRAF(11)	Fusion
BRAF	MKRN1-BRAF.M4B8	MKRN1(4) - BRAF(8)	Fusion
BRAF	MKRN1-BRAF.M4B9	MKRN1(4) - BRAF(9)	Fusion
BRAF	MKRN10-BRAF.M3B10	MKRN1(3) - BRAF(10)	Fusion
BRAF	MYRIP-BRAF.M16B9	MYRIP(16) - BRAF(9)	Fusion
BRAF	MZT1-BRAF.M2B11	MZT1(2) - BRAF(11)	Fusion
BRAF	NFIC-BRAF.N6B10	NFIC(6) - BRAF(10)	Fusion
BRAF	NRF1-BRAF.N5B9	NRF1(5) - BRAF(9)	Fusion
BRAF	NUB1-BRAF.N3B9	NUB1(3) - BRAF(9)	Fusion
BRAF	NUDCD3-BRAF.N4B9	NUDCD3(4) - BRAF(9)	Fusion
BRAF	NUP214-BRAF.N21B10	NUP214(21) - BRAF(10)	Fusion
BRAF	OSBPL1A-BRAF.O16B10	OSBPL1A(16) - BRAF(10)	Fusion
BRAF	OSBPL9-BRAF.O11B10	OSBPL9(11) - BRAF(10)	Fusion
BRAF	OSBPL9-BRAF.O14B9	OSBPL9(14) - BRAF(9)	Fusion
BRAF	PACSIN2-BRAF.P7B9	PACSIN2(7) - BRAF(9)	Fusion
BRAF	PAPSS1-BRAF.P5B9.1	PAPSS1(5) - BRAF(9)	Fusion
BRAF	PARP12-BRAF.P9B11	PARP12(9) - BRAF(11)	Fusion
BRAF	PCM1-BRAF.P37B9	PCM1(37) - BRAF(9)	Fusion
BRAF	PHTF2-BRAF.P17B9	PHTF2(17) - BRAF(9)	Fusion
BRAF	PICALM-BRAF.P19B9	PICALM(19) - BRAF(9)	Fusion
BRAF	PJA2-BRAF.P7B11	PJA2(7) - BRAF(11)	Fusion
BRAF	PLIN3-BRAF.P1B9	PLIN3(1) - BRAF(9)	Fusion
BRAF	PLXNA2-BRAF.P9B2	PLXNA2(9) - BRAF(2)	Fusion
BRAF	POR-BRAF.P3B11	POR(3) - BRAF(11)	Fusion
BRAF	PPFIB2-BRAF.P3B11	PPFIBP2(3) - BRAF(11)	Fusion
BRAF	PRKAR1B-BRAF.P10B9	PRKAR1B(10) - BRAF(9)	Fusion
BRAF	PRKAR1B-BRAF.P9B9	PRKAR1B(9) - BRAF(9)	Fusion
BRAF	PRKAR2B-BRAF.P1B10	PRKAR2B(1) - BRAF(10)	Fusion
BRAF	RAD18-BRAF.R7B10	RAD18(7) - BRAF(10)	Fusion
BRAF	RBM33-BRAF.R3B11	RBM33(3) - BRAF(11)	Fusion
BRAF	RBMS3-BRAF.R11B11	RBMS3(11) - BRAF(11)	Fusion
BRAF	RNF11-BRAF.R1B11	RNF11(1) - BRAF(11)	Fusion
BRAF	RNF130-BRAF.R3B9.COSF1483	RNF130(3) - BRAF(9)	Fusion
BRAF	RP2-BRAF.R3B10	RP2(3) - BRAF(10)	Fusion
BRAF	RUNDC1-BRAF.R1B9	RUNDC1(1) - BRAF(9)	Fusion
BRAF	SCRIB-BRAF.S27B11	SCRIB(27) - BRAF(11)	Fusion
BRAF	SLC12A7-BRAF.S17B11	SLC12A7(17) - BRAF(11)	Fusion
BRAF	SLC45A3-BRAF.S1B8.COSF871	SLC45A3(1) - BRAF(8)	Fusion
BRAF	SND1-BRAF.S10B10	SND1(10) - BRAF(10)	Fusion
BRAF	SND1-BRAF.S10B11	SND1(10) - BRAF(11)	Fusion
BRAF	SND1-BRAF.S10B8	SND1(10) - BRAF(8)	Fusion

Gene	Variant ID	Genes (Exons)	Type
BRAF	SND1-BRAF.S10B9	SND1(10) - BRAF(9)	Fusion
BRAF	SND1-BRAF.S11B11	SND1(11) - BRAF(11)	Fusion
BRAF	SND1-BRAF.S14B11	SND1(14) - BRAF(11)	Fusion
BRAF	SND1-BRAF.S14B8	SND1(14) - BRAF(8)	Fusion
BRAF	SND1-BRAF.S14B9	SND1(14) - BRAF(9)	Fusion
BRAF	SND1-BRAF.S16B9.1	SND1(16) - BRAF(9)	Fusion
BRAF	SND1-BRAF.S17B10	SND1(17) - BRAF(10)	Fusion
BRAF	SND1-BRAF.S17B11	SND1(17) - BRAF(11)	Fusion
BRAF	SND1-BRAF.S17B9	SND1(17) - BRAF(9)	Fusion
BRAF	SND1-BRAF.S18B10	SND1(18) - BRAF(10)	Fusion
BRAF	SND1-BRAF.S18B8	SND1(18) - BRAF(8)	Fusion
BRAF	SND1-BRAF.S9B10	SND1(9) - BRAF(10)	Fusion
BRAF	SND1-BRAF.S9B11	SND1(9) - BRAF(11)	Fusion
BRAF	SND1-BRAF.S9B2.1	SND1(9) - BRAF(2)	Fusion
BRAF	SND1-BRAF.S9B8	SND1(9) - BRAF(8)	Fusion
BRAF	SND1-BRAF.S9B9.1	SND1(9) - BRAF(9)	Fusion
BRAF	SOX6-BRAF.S5B9	SOX6(5) - BRAF(9)	Fusion
BRAF	SOX6-BRAF.S6B9	SOX6(6) - BRAF(9)	Fusion
BRAF	STRN3-BRAF.S3B10	STRN3(3) - BRAF(10)	Fusion
BRAF	STXBP6-BRAF.S4B10	STXBP6(4) - BRAF(10)	Fusion
BRAF	TANK-BRAF.T4B9	TANK(4) - BRAF(9)	Fusion
BRAF	TAX1BP1-BRAF.T8B11.1	TAX1BP1(8) - BRAF(11)	Fusion
BRAF	TMEM106B-BRAF.T4B8	TMEM106B(4) - BRAF(8)	Fusion
BRAF	TMEM178B-BRAF.T1B10	TMEM178B(1) - BRAF(10)	Fusion
BRAF	TMEM178B-BRAF.T2B9	TMEM178B(2) - BRAF(9)	Fusion
BRAF	TMPRSS2-BRAF.T3B11	TMPRSS2(3) - BRAF(11)	Fusion
BRAF	TOM1L2-BRAF.T11B9	TOM1L2(11) - BRAF(9)	Fusion
BRAF	TPR-BRAF.T14B7	TPR(14) - BRAF(7)	Fusion
BRAF	TRIM24-BRAF.T10B9	TRIM24(10) - BRAF(9)	Fusion
BRAF	TRIM24-BRAF.T11B2.1	TRIM24(11) - BRAF(2)	Fusion
BRAF	TRIM24-BRAF.T3B10	TRIM24(3) - BRAF(10)	Fusion
BRAF	TRIM24-BRAF.T3B11	TRIM24(3) - BRAF(11)	Fusion
BRAF	TRIM24-BRAF.T5B8	TRIM24(5) - BRAF(8)	Fusion
BRAF	TRIM24-BRAF.T6B9	TRIM24(6) - BRAF(9)	Fusion
BRAF	TRIM24-BRAF.T8B11	TRIM24(8) - BRAF(11)	Fusion
BRAF	TRIM24-BRAF.T9B9.1	TRIM24(9) - BRAF(9)	Fusion
BRAF	TRIM4-BRAF.T6B10	TRIM4(6) - BRAF(10)	Fusion
BRAF	UBN2-BRAF.U3B11	UBN2(3) - BRAF(11)	Fusion
BRAF	ZBTB8A-BRAF.Z4B9	ZBTB8A(4) - BRAF(9)	Fusion
BRAF	ZC3HAV1-BRAF.Z3B10	ZC3HAV1(3) - BRAF(10)	Fusion
BRAF	ZC3HAV1-BRAF.Z7B11	ZC3HAV1(7) - BRAF(11)	Fusion
BRAF	ZKSCAN5-BRAF.Z2B9	ZKSCAN5(2) - BRAF(9)	Fusion
BRAF	ZNF207-BRAF.Z3B10	ZNF207(3) - BRAF(10)	Fusion
BRAF	ZNF767P-BRAF.Z1B11	ZNF767P(1) - BRAF(11)	Fusion
BRAF	ZSCAN30-BRAF.Z3B10.COSF1729	ZSCAN30(3) - BRAF(10)	Fusion
EGFR	EGFRvIII.E1E8.Del1	EGFR(1) - EGFR(8)	RNAExonVariant
ESR1	ESR1-AKAP12.E5A4.1	ESR1(5) - AKAP12(4)	Fusion
ESR1	ESR1-AKAP12.E6A4.1	ESR1(6) - AKAP12(4)	Fusion
ESR1	ESR1-ARMT1.E3A4	ESR1(3) - ARMT1(4)	Fusion
ESR1	ESR1-ARMT1.E6A2	ESR1(6) - ARMT1(2)	Fusion

Gene	Variant ID	Genes (Exons)	Type
ESR1	ESR1-ARNT2.E7A9	ESR1(7) - ARNT2(9)	Fusion
ESR1	ESR1-ATP2B2.E4A4	ESR1(4) - ATP2B2(4)	Fusion
ESR1	ESR1-BMPER.E6B8	ESR1(6) - BMPER(8)	Fusion
ESR1	ESR1-CCDC170.E2C10.1	ESR1(2) - CCDC170(10)	Fusion
ESR1	ESR1-CCDC170.E2C2	ESR1(2) - CCDC170(2)	Fusion
ESR1	ESR1-CCDC170.E2C5	ESR1(2) - CCDC170(5)	Fusion
ESR1	ESR1-CCDC170.E2C6.1	ESR1(2) - CCDC170(6)	Fusion
ESR1	ESR1-CCDC170.E2C7.1	ESR1(2) - CCDC170(7)	Fusion
ESR1	ESR1-CCDC170.E2C8.1	ESR1(2) - CCDC170(8)	Fusion
ESR1	ESR1-CDK13.E7C13	ESR1(7) - CDK13(13)	Fusion
ESR1	ESR1-COA5.E4C2	ESR1(4) - COA5(2)	Fusion
ESR1	ESR1-DAB2.E6D3	ESR1(6) - DAB2(3)	Fusion
ESR1	ESR1-GYG2.E6G2	ESR1(6) - GYG2(2)	Fusion
ESR1	ESR1-MKL1.E6M7	ESR1(6) - MKL1(7)	Fusion
ESR1	ESR1-MTHFD1L.E6M21	ESR1(6) - MTHFD1L(21)	Fusion
ESR1	ESR1-MTHFD1L.E7M27	ESR1(7) - MTHFD1L(27)	Fusion
ESR1	ESR1-NKAIN2.E6N2	ESR1(6) - NKAIN2(2)	Fusion
ESR1	ESR1-NOP2.E6N16	ESR1(6) - NOP2(16)	Fusion
ESR1	ESR1-PCDH11X.E6P6	ESR1(6) - PCDH11X(6)	Fusion
ESR1	ESR1-PDE10A.E7P6.1	ESR1(7) - PDE10A(6)	Fusion
ESR1	ESR1-PLEKHG1.E6P12	ESR1(6) - PLEKHG1(12)	Fusion
ESR1	ESR1-POLH.E6P2	ESR1(6) - POLH(2)	Fusion
ESR1	ESR1-RMND1.E6R9	ESR1(6) - RMND1(9)	Fusion
ESR1	ESR1-SOX9.E6S3	ESR1(6) - SOX9(3)	Fusion
ESR1	ESR1-SYNE1.E6S59	ESR1(6) - SYNE1(59)	Fusion
ESR1	ESR1-TFG.E6T4	ESR1(6) - TFG(4)	Fusion
ESR1	ESR1-TNRC6B.E6T14	ESR1(6) - TNRC6B(14)	Fusion
ESR1	ESR1-YAP1.E6Y4.1	ESR1(6) - YAP1(4)	Fusion
ESR1	PLEKHG1-ESR1.P3E2	PLEKHG1(3) - ESR1(2)	Fusion
ESR1	TNS3-ESR1.T16E5	TNS3(16) - ESR1(5)	Fusion
FGFR1	ACPP-FGFR1.A10F4	ACPP(10) - FGFR1(4)	Fusion
FGFR1	BAG4-FGFR1.B1F2	BAG4(1) - FGFR1(2)	Fusion
FGFR1	BAG4-FGFR1.B1F8.1	BAG4(1) - FGFR1(8)	Fusion
FGFR1	BAG4-FGFR1.B2F6.1	BAG4(2) - FGFR1(6)	Fusion
FGFR1	BCR-FGFR1.B4F10.1	BCR(4) - FGFR1(10)	Fusion
FGFR1	CNTRL-FGFR1.C40F10.1	CNTRL(40) - FGFR1(10)	Fusion
FGFR1	CUX1-FGFR1.C11F10.1	CUX1(11) - FGFR1(10)	Fusion
FGFR1	EGFR-FGFR1.E24F10	EGFR(24) - FGFR1(10)	Fusion
FGFR1	ERLIN2-FGFR1.E8F2	ERLIN2(8) - FGFR1(2)	Fusion
FGFR1	ERVK3_1-FGFR1.E3F10.1	ERVK3-1(3) - FGFR1(10)	Fusion
FGFR1	FGFR1-ADAM32.F17A14.1	FGFR1(17) - ADAM32(14)	Fusion
FGFR1	FGFR1-EVI5.F17E12	FGFR1(17) - EVI5(12)	Fusion
FGFR1	FGFR1-HOOK3.F17H5	FGFR1(17) - HOOK3(5)	Fusion
FGFR1	FGFR1-TACC1.F17T7.COSF1362.1	FGFR1(17) - TACC1(7)	Fusion
FGFR1	FGFR1OP-FGFR1.F5F10.1	FGFR1OP(5) - FGFR1(10)	Fusion
FGFR1	FGFR1OP-FGFR1.F6F10.1	FGFR1OP(6) - FGFR1(10)	Fusion
FGFR1	FGFR1OP-FGFR1.F7F10.1	FGFR1OP(7) - FGFR1(10)	Fusion
FGFR1	FGFR1OP2-FGFR1.F4F10.1	FGFR1OP2(4) - FGFR1(10)	Fusion
FGFR1	FN1-FGFR1.F22F3	FN1(22) - FGFR1(3)	Fusion
FGFR1	FN1-FGFR1.F22F4	FN1(22) - FGFR1(4)	Fusion

Gene	Variant ID	Genes (Exons)	Type
FGFR1	FN1-FGFR1.F23F3.1	FN1(23) - FGFR1(3)	Fusion
FGFR1	FN1-FGFR1.F23F4.1	FN1(23) - FGFR1(4)	Fusion
FGFR1	FN1-FGFR1.F25F4	FN1(25) - FGFR1(4)	Fusion
FGFR1	FN1-FGFR1.F27F5	FN1(27) - FGFR1(5)	Fusion
FGFR1	KAT6A-FGFR1.K5F2	KAT6A(5) - FGFR1(2)	Fusion
FGFR1	LRRFIP1-FGFR1.L8F10.1	LRRFIP1(8) - FGFR1(10)	Fusion
FGFR1	MYO18A-FGFR1.M33F10.1	MYO18A(33) - FGFR1(10)	Fusion
FGFR1	SNX29-FGFR1.S1F4	SNX29(1) - FGFR1(4)	Fusion
FGFR1	SQSTM1-FGFR1.S6F10.1	SQSTM1(6) - FGFR1(10)	Fusion
FGFR1	TPR-FGFR1.T22F10.1	TPR(22) - FGFR1(10)	Fusion
FGFR1	TRIM24-FGFR1.T11F10.1	TRIM24(11) - FGFR1(10)	Fusion
FGFR1	WHSC1L1-FGFR1.W14F5.1	WHSC1L1(14) - FGFR1(5)	Fusion
FGFR1	ZMYM2-FGFR1.Z17F10.1	ZMYM2(17) - FGFR1(10)	Fusion
FGFR2	APIP-FGFR2.A1F10	APIP(1) - FGFR2(10)	Fusion
FGFR2	APIP-FGFR2.A1F6	APIP(1) - FGFR2(6)	Fusion
FGFR2	APIP-FGFR2.A6F10	APIP(6) - FGFR2(10)	Fusion
FGFR2	CD44-FGFR2.C1F3.1	CD44(1) - FGFR2(3)	Fusion
FGFR2	COL25A1-FGFR2.C3F3	COL25A1(3) - FGFR2(3)	Fusion
FGFR2	CTNNB1-FGFR2.C1F10	CTNNB1(1) - FGFR2(10)	Fusion
FGFR2	FGFR2-ACSL5.F17A15	FGFR2(17) - ACSL5(15)	Fusion
FGFR2	FGFR2-AFF3.F17A8.2	FGFR2(17) - AFF3(7)	Fusion
FGFR2	FGFR2-AHCYL1.F17A2.1	FGFR2(17) - AHCYL1(2)	Fusion
FGFR2	FGFR2-ANKRD24.F17A3	FGFR2(17) - ANKRD24(3)	Fusion
FGFR2	FGFR2-BICC1.F17B10	FGFR2(17) - BICC1(10)	Fusion
FGFR2	FGFR2-BICC1.F17B16	FGFR2(17) - BICC1(16)	Fusion
FGFR2	FGFR2-BICC1.F17B18.1	FGFR2(17) - BICC1(18)	Fusion
FGFR2	FGFR2-BICC1.F17B2.1	FGFR2(17) - BICC1(2)	Fusion
FGFR2	FGFR2-BICC1.F17B3.2	FGFR2(17) - BICC1(3)	Fusion
FGFR2	FGFR2-C10orf118.F17C4	FGFR2(17) - CCDC186(4)	Fusion
FGFR2	FGFR2-CASP7.F17C2.1	FGFR2(17) - CASP7(2)	Fusion
FGFR2	FGFR2-CBX5.F17C2	FGFR2(17) - CBX5(2)	Fusion
FGFR2	FGFR2-CCAR2.F17C4.1	FGFR2(17) - CCAR2(4)	Fusion
FGFR2	FGFR2-CCDC6.F17C1.1	FGFR2(17) - CCDC6(1)	Fusion
FGFR2	FGFR2-CCDC6.F17C2.2	FGFR2(17) - CCDC6(2)	Fusion
FGFR2	FGFR2-CELF2.F17C4	FGFR2(17) - CELF2(4)	Fusion
FGFR2	FGFR2-CIT.F17C23.1	FGFR2(17) - CIT(23)	Fusion
FGFR2	FGFR2-CLIP2.F17C10	FGFR2(17) - CLIP2(10)	Fusion
FGFR2	FGFR2-COL14A1.F17C34.1	FGFR2(17) - COL14A1(34)	Fusion
FGFR2	FGFR2-CREB5.F17C8.1	FGFR2(17) - CREB5(8)	Fusion
FGFR2	FGFR2-DDX21.F17D11	FGFR2(17) - DDX21(11)	Fusion
FGFR2	FGFR2-EIF4A2.F17E8	FGFR2(17) - EIF4A2(8)	Fusion
FGFR2	FGFR2-FAM76A.F17F2.1	FGFR2(17) - FAM76A(2)	Fusion
FGFR2	FGFR2-GAB2.F17G2	FGFR2(17) - GAB2(2)	Fusion
FGFR2	FGFR2-INA.F17I2	FGFR2(17) - INA(2)	Fusion
FGFR2	FGFR2-KCTD1.F17K2.1	FGFR2(17) - KCTD1(2)	Fusion
FGFR2	FGFR2-KIAA1217.F17K3	FGFR2(17) - KIAA1217(3)	Fusion
FGFR2	FGFR2-KIAA1217.F17K5	FGFR2(17) - KIAA1217(5)	Fusion
FGFR2	FGFR2-KIAA1217.F17K6	FGFR2(17) - KIAA1217(6)	Fusion
FGFR2	FGFR2-KRT8.F17K7	FGFR2(17) - KRT8(6)	Fusion
FGFR2	FGFR2-LAMC1.F17L27	FGFR2(17) - LAMC1(27)	Fusion

Gene	Variant ID	Genes (Exons)	Type
FGFR2	FGFR2-MCU.F17M4	FGFR2(17) - MCU(4)	Fusion
FGFR2	FGFR2-MCU.F17M4.1	FGFR2(17) - MCU(4)	Fusion
FGFR2	FGFR2-MGEA5.F17M12.1	FGFR2(17) - MGEA5(12)	Fusion
FGFR2	FGFR2-NOL4.F17N7.1	FGFR2(17) - NOL4(7)	Fusion
FGFR2	FGFR2-NRAP.F17N24	FGFR2(17) - NRAP(24)	Fusion
FGFR2	FGFR2-NRBF2.F17N4	FGFR2(17) - NRBF2(4)	Fusion
FGFR2	FGFR2-OFD1.F17O3.1	FGFR2(17) - OFD1(3)	Fusion
FGFR2	FGFR2-OGDH.F17O3	FGFR2(17) - OGDH(3)	Fusion
FGFR2	FGFR2-OPTN.F17O5	FGFR2(17) - OPTN(5)	Fusion
FGFR2	FGFR2-PASD1.F17P10	FGFR2(17) - PASD1(10)	Fusion
FGFR2	FGFR2-PCM1.F17P7	FGFR2(17) - PCM1(7)	Fusion
FGFR2	FGFR2-PHC1.F17P2	FGFR2(17) - PHC1(2)	Fusion
FGFR2	FGFR2-PKD2L1.F17P7	FGFR2(17) - PKD2L1(7)	Fusion
FGFR2	FGFR2-PPHLN1.F17P3.1	FGFR2(17) - PPHLN1(3)	Fusion
FGFR2	FGFR2-RABGAP1L.F17R20	FGFR2(17) - RABGAP1L(20)	Fusion
FGFR2	FGFR2-RASAL2.F17R3	FGFR2(17) - RASAL2(3)	Fusion
FGFR2	FGFR2-ROCK1.F17R2	FGFR2(17) - ROCK1(2)	Fusion
FGFR2	FGFR2-SBNO2.F17S19	FGFR2(17) - SBNO2(19)	Fusion
FGFR2	FGFR2-SHTN1.F17S5	FGFR2(17) - SHTN1(5)	Fusion
FGFR2	FGFR2-SHTN1.F17S7.1	FGFR2(17) - SHTN1(7)	Fusion
FGFR2	FGFR2-SMN1.F17S2	FGFR2(17) - SMN1(2)	Fusion
FGFR2	FGFR2-STK26.F17S3	FGFR2(17) - STK26(3)	Fusion
FGFR2	FGFR2-TACC2.F17T11	FGFR2(17) - TACC2(11)	Fusion
FGFR2	FGFR2-TACC3.F17T11.1	FGFR2(17) - TACC3(11)	Fusion
FGFR2	FGFR2-TBC1D1.F17T9	FGFR2(17) - TBC1D1(9)	Fusion
FGFR2	FGFR2-TFEC.F17T2	FGFR2(17) - TFEC(2)	Fusion
FGFR2	FGFR2-TJP2.F17T5	FGFR2(17) - TJP2(5)	Fusion
FGFR2	FGFR2-TXLNA.F17T6.1	FGFR2(17) - TXLNA(6)	Fusion
FGFR2	FGFR2-UBQLN1.F17U8	FGFR2(17) - UBQLN1(8)	Fusion
FGFR2	FGFR2-UTRN.F17U51	FGFR2(17) - UTRN(51)	Fusion
FGFR2	FGFR2-VCL.F17V2	FGFR2(17) - VCL(2)	Fusion
FGFR2	FGFR2-VCL.F17V7	FGFR2(17) - VCL(7)	Fusion
FGFR2	FGFR2-WAC.F17W5	FGFR2(17) - WAC(5)	Fusion
FGFR2	FGFR2-WARS.F17W3	FGFR2(17) - WARS(3)	Fusion
FGFR2	FGFR2-ZMYM4.F17Z10	FGFR2(17) - ZMYM4(10)	Fusion
FGFR2	KLK2-FGFR2.K1F5	KLK2(1) - FGFR2(5)	Fusion
FGFR2	PARK2-FGFR2.P9F11.1	PARK2(9) - FGFR2(11)	Fusion
FGFR2	PDHX-FGFR2.P1F7.1	PDHX(1) - FGFR2(7)	Fusion
FGFR2	SLC45A3-FGFR2.S1F1	SLC45A3(1) - FGFR2(1)	Fusion
FGFR2	SLC45A3-FGFR2.S1F2	SLC45A3(1) - FGFR2(2)	Fusion
FGFR2	SNX19-FGFR2.S7F7.1	SNX19(7) - FGFR2(7)	Fusion
FGFR2	SNX19-FGFR2.S8F7.1	SNX19(8) - FGFR2(7)	Fusion
FGFR3	ETV6-FGFR3.E5F9.1	ETV6(5) - FGFR3(9)	Fusion
FGFR3	FGFR3-ADD1.F17A3	FGFR3(17) - ADD1(3)	Fusion
FGFR3	FGFR3-AES.F17A2	FGFR3(17) - AES(2)	Fusion
FGFR3	FGFR3-AMBRA1.F17A14	FGFR3(17) - AMBRA1(14)	Fusion
FGFR3	FGFR3-BAIAP2L1.F17B2.COSF1346	FGFR3(17) - BAIAP2L1(2)	Fusion
FGFR3	FGFR3-BRAP.F17B5	FGFR3(17) - BRAP(5)	Fusion
FGFR3	FGFR3-CAMK2A.F18C14	FGFR3(18) - CAMK2A(14)	Fusion
FGFR3	FGFR3-ELAVL3.F17E2	FGFR3(17) - ELAVL3(2)	Fusion

Gene	Variant ID	Genes (Exons)	Type
FGFR3	FGFR3-FBXO28.F17F4	FGFR3(17) - FBXO28(4)	Fusion
FGFR3	FGFR3-JAKMIP1.F17J4.1	FGFR3(17) - JAKMIP1(4)	Fusion
FGFR3	FGFR3-NBR1.F17N7	FGFR3(17) - NBR1(7)	Fusion
FGFR3	FGFR3-RBBP4.F17R12	FGFR3(17) - RBBP4(12)	Fusion
FGFR3	FGFR3-TACC3.F16T4	FGFR3(16) - TACC3(4)	Fusion
FGFR3	FGFR3-TACC3.F17T10.COSF1434	FGFR3(17) - TACC3(10)	Fusion
FGFR3	FGFR3-TACC3.F17T11.1	FGFR3(17) - TACC3(11)	Fusion
FGFR3	FGFR3-TACC3.F17T11.2	FGFR3(17) - TACC3(11)	Fusion
FGFR3	FGFR3-TACC3.F17T11.COSF1348.1	FGFR3(17) - TACC3(11)	Fusion
FGFR3	FGFR3-TACC3.F17T13.NGS	FGFR3(17) - TACC3(13)	Fusion
FGFR3	FGFR3-TACC3.F17T14	FGFR3(17) - TACC3(14)	Fusion
FGFR3	FGFR3-TACC3.F17T14.1	FGFR3(17) - TACC3(14)	Fusion
FGFR3	FGFR3-TACC3.F17T4	FGFR3(17) - TACC3(4)	Fusion
FGFR3	FGFR3-TACC3.F17T4.1	FGFR3(17) - TACC3(4)	Fusion
FGFR3	FGFR3-TACC3.F17T6	FGFR3(17) - TACC3(6)	Fusion
FGFR3	FGFR3-TACC3.F17T7	FGFR3(17) - TACC3(7)	Fusion
FGFR3	FGFR3-TACC3.F17T7.1	FGFR3(17) - TACC3(7)	Fusion
FGFR3	FGFR3-TACC3.F17T8.COSF1353	FGFR3(17) - TACC3(8)	Fusion
FGFR3	FGFR3-TACC3.F17T9.2	FGFR3(17) - TACC3(9)	Fusion
FGFR3	FGFR3-TACC3.F18T1.1	FGFR3(18) - TACC3(1)	Fusion
FGFR3	FGFR3-TACC3.F18T10.1	FGFR3(18) - TACC3(10)	Fusion
FGFR3	FGFR3-TACC3.F18T10.2	FGFR3(18) - TACC3(10)	Fusion
FGFR3	FGFR3-TACC3.F18T4and5.1	FGFR3(18) - TACC3(4)	Fusion
FGFR3	FGFR3-TACC3.F18T7.NGS	FGFR3(18) - TACC3(7)	Fusion
FGFR3	FGFR3-TACC3.F18T9	FGFR3(18) - TACC3(9)	Fusion
MET	BAIAP2L1-MET.B9M15.1	BAIAP2L1(9) - MET(15)	Fusion
MET	C8orf34-MET.C2M15	C8orf34(2) - MET(15)	Fusion
MET	CAPZA2-MET.C1M6.1	CAPZA2(1) - MET(6)	Fusion
MET	CAPZA2-MET.C2M15	CAPZA2(2) - MET(15)	Fusion
MET	CAPZA2-MET.C4M11.1	CAPZA2(4) - MET(11)	Fusion
MET	CLIP2-MET.C11M15	CLIP2(11) - MET(15)	Fusion
MET	DCTN1-MET.D26M15.1	DCTN1(26) - MET(15)	Fusion
MET	EPS15-MET.E21M15	EPS15(21) - MET(15)	Fusion
MET	ETV6-MET.E4M15	ETV6(4) - MET(15)	Fusion
MET	GTF2I-MET.G6M15	GTF2I(6) - MET(15)	Fusion
MET	HLA_DRB1-MET.H5M15	HLA-DRB1(5) - MET(15)	Fusion
MET	KIF5B-MET.K24M15	KIF5B(24) - MET(15)	Fusion
MET	LRRFIP1-MET.L19M15.1	LRRFIP1(19) - MET(15)	Fusion
MET	OXR1-MET.O1M13	OXR1(1) - MET(13)	Fusion
MET	OXR1-MET.O9M13	OXR1(9) - MET(13)	Fusion
MET	PPFIBP1-MET.P9M15.1	PPFIBP1(9) - MET(15)	Fusion
MET	PTPRZ1-MET.P1M2.1	PTPRZ1(1) - MET(2)	Fusion
MET	PTPRZ1-MET.P2M2	PTPRZ1(2) - MET(2)	Fusion
MET	PTPRZ1-MET.P3M2.1	PTPRZ1(3) - MET(2)	Fusion
MET	PTPRZ1-MET.P8M2.1	PTPRZ1(8) - MET(2)	Fusion
MET	SCAF11-MET.S1M2	SCAF11(1) - MET(2)	Fusion
MET	SLC34A2-MET.S4M15	SLC34A2(4) - MET(15)	Fusion
MET	ST7-MET.S1M11	ST7(1) - MET(11)	Fusion
MET	ST7-MET.S1M2	ST7(1) - MET(2)	Fusion
MET	STARD3NL-MET.S6M15	STARD3NL(6) - MET(15)	Fusion

Gene	Variant ID	Genes (Exons)	Type
MET	TFG-MET.T5M15	TFG(5) - MET(15)	Fusion
MET	TFG-MET.T7M15	TFG(7) - MET(15)	Fusion
MET	TPR-MET.T36M15	TPR(36) - MET(15)	Fusion
MET	TPR-MET.T4M15	TPR(4) - MET(15)	Fusion
MET	TRIM4-MET.T6M15	TRIM4(6) - MET(15)	Fusion
MET	ZKSCAN1-MET.Z3M15	ZKSCAN1(3) - MET(15)	Fusion
MET	MET-MET.M13M15.1	MET(13) - MET(15)	RNAExonVariant
MET	MET-MET.M21M15	MET(21) - MET(15)	RNAExonVariant
NRG1	AKAP13-NRG1.A5N2	AKAP13(5) - NRG1(2)	Fusion
NRG1	ATP1B1-NRG1.A2N2	ATP1B1(2) - NRG1(2)	Fusion
NRG1	CD74-NRG1.C6N3	CD74(6) - NRG1(3)	Fusion
NRG1	CD74-NRG1.C6N6.1	CD74(6) - NRG1(6)	Fusion
NRG1	CD74-NRG1.C7N2	CD74(7) - NRG1(2)	Fusion
NRG1	CD74-NRG1.C7N6	CD74(7) - NRG1(6)	Fusion
NRG1	CD74-NRG1.C7N6.COSF1666	CD74(7) - NRG1(6)	Fusion
NRG1	CDH1-NRG1.C2N2	CDH1(2) - NRG1(2)	Fusion
NRG1	CLU-NRG1.C2N6	CLU(2) - NRG1(6)	Fusion
NRG1	COX10-AS1-NRG1.C1N2	COX10-AS1(1) - NRG1(2)	Fusion
NRG1	HMBOX1-NRG1.H1N6	HMBOX1(1) - NRG1(6)	Fusion
NRG1	KIF31B-NRG1.K2N2	KIF13B(2) - NRG1(2)	Fusion
NRG1	NOTCH2-NRG1.N4N6	NOTCH2(4) - NRG1(6)	Fusion
NRG1	PARP8-NRG1.P1N2	PARP8(1) - NRG1(2)	Fusion
NRG1	PDE7A-NRG1.P3N6.1	PDE7A(3) - NRG1(6)	Fusion
NRG1	RAB3IL1-NRG1.R9N6	RAB3IL1(9) - NRG1(6)	Fusion
NRG1	RALGAPA1-NRG1.R20N6	RALGAPA1(20) - NRG1(6)	Fusion
NRG1	ROCK1-NRG1.R2N2	ROCK1(2) - NRG1(2)	Fusion
NRG1	SDC4-NRG1.S2N6	SDC4(2) - NRG1(6)	Fusion
NRG1	SDC4-NRG1.S4N6	SDC4(4) - NRG1(6)	Fusion
NRG1	SETD4-NRG1.S2N2	SETD4(2) - NRG1(2)	Fusion
NRG1	SLC3A2-NRG1.S2N2	SLC3A2(2) - NRG1(2)	Fusion
NRG1	SLC3A2-NRG1.S5N6	SLC3A2(5) - NRG1(6)	Fusion
NRG1	SMAD4-NRG1.S1N6	SMAD4(1) - NRG1(6)	Fusion
NRG1	TBL1XR1-NRG1.T1N2	TBL1XR1(1) - NRG1(2)	Fusion
NRG1	TENM4-NRG1.T12N2.1	TENM4(12) - NRG1(2)	Fusion
NRG1	THAP7-NRG1.T3N2	THAP7(3) - NRG1(2)	Fusion
NRG1	THBS1-NRG1.T6N6	THBS1(6) - NRG1(6)	Fusion
NRG1	TNC-NRG1.T10N6	TNC(10) - NRG1(6)	Fusion
NRG1	TSHZ2-NRG1.T1N6	TSHZ2(1) - NRG1(6)	Fusion
NRG1	VAMP2-NRG1.V4N4.1	VAMP2(4) - NRG1(4)	Fusion
NRG1	VTCN1-NRG1.V2N2	VTCN1(2) - NRG1(2)	Fusion
NRG1	WHSC1L1-NRG1.W1N2	WHSC1L1(1) - NRG1(2)	Fusion
NRG1	WRN-NRG1.W30N2	WRN(30) - NRG1(2)	Fusion
NRG1	ZMYM2-NRG1.Z2N2	ZMYM2(2) - NRG1(2)	Fusion
NTRK1	AFAP1-NTRK1.A4N10	AFAP1(4) - NTRK1(10)	Fusion
NTRK1	ARHGEF2-NTRK1.A21N10	ARHGEF2(21) - NTRK1(10)	Fusion
NTRK1	ARHGEF25-NTRK1.A14N8	ARHGEF25(11) - NTRK1(8)	Fusion
NTRK1	BANP-NTRK1.B4N10	BANP(4) - NTRK1(10)	Fusion
NTRK1	BCAN-NTRK1.B12N10	BCAN(12) - NTRK1(10)	Fusion
NTRK1	BCAN-NTRK1.B13N11	BCAN(13) - NTRK1(11)	Fusion
NTRK1	CD74-NTRK1.C7N10	CD74(7) - NTRK1(10)	Fusion

Gene	Variant ID	Genes (Exons)	Type
NTRK1	CEL-NTRK1.C7N9	CEL(7) - NTRK1(9)	Fusion
NTRK1	CHTOP-NTRK1.C5N10	CHTOP(5) - NTRK1(10)	Fusion
NTRK1	CHTOP-NTRK1.C5N11.1	CHTOP(5) - NTRK1(11)	Fusion
NTRK1	CTRC-NTRK1.C1N9	CTRC(1) - NTRK1(9)	Fusion
NTRK1	EPHB2-NTRK1.E3N9	EPHB2(3) - NTRK1(9)	Fusion
NTRK1	EPS15-NTRK1.E21N9	EPS15(21) - NTRK1(9)	Fusion
NTRK1	EPS15-NTRK1.E21N9.1	EPS15(21) - NTRK1(9)	Fusion
NTRK1	GON4L-NTRK1.G21N9	GON4L(21) - NTRK1(9)	Fusion
NTRK1	GRIPAP1-NTRK1.G22N11	GRIPAP1(22) - NTRK1(11)	Fusion
NTRK1	GSN-NTRK1.G7N10	GSN(7) - NTRK1(10)	Fusion
NTRK1	IRF2BP2-NTRK1.I1N10	IRF2BP2(1) - NTRK1(10)	Fusion
NTRK1	IRF2BP2-NTRK1.I1N10.1	IRF2BP2(1) - NTRK1(10)	Fusion
NTRK1	IRF2BP2-NTRK1.I1N11	IRF2BP2(1) - NTRK1(11)	Fusion
NTRK1	IRF2BP2-NTRK1.I1N12	IRF2BP2(1) - NTRK1(12)	Fusion
NTRK1	IRF2BP2-NTRK1.I1N9	IRF2BP2(1) - NTRK1(9)	Fusion
NTRK1	IRF2BP2-NTRK1.I1N9.1	IRF2BP2(1) - NTRK1(9)	Fusion
NTRK1	LMNA-NTRK1.L10N11.1	LMNA(10) - NTRK1(11)	Fusion
NTRK1	LMNA-NTRK1.L10N12.1	LMNA(10) - NTRK1(12)	Fusion
NTRK1	LMNA-NTRK1.L10N13	LMNA(10) - NTRK1(13)	Fusion
NTRK1	LMNA-NTRK1.L11N11.1	LMNA(11) - NTRK1(11)	Fusion
NTRK1	LMNA-NTRK1.L2N10	LMNA(2) - NTRK1(10)	Fusion
NTRK1	LMNA-NTRK1.L2N11	LMNA(2) - NTRK1(11)	Fusion
NTRK1	LMNA-NTRK1.L3N10	LMNA(3) - NTRK1(10)	Fusion
NTRK1	LMNA-NTRK1.L3N11	LMNA(3) - NTRK1(11)	Fusion
NTRK1	LMNA-NTRK1.L4N12	LMNA(4) - NTRK1(12)	Fusion
NTRK1	LMNA-NTRK1.L4N12.1	LMNA(4) - NTRK1(12)	Fusion
NTRK1	LMNA-NTRK1.L5N10	LMNA(5) - NTRK1(10)	Fusion
NTRK1	LMNA-NTRK1.L5N11	LMNA(5) - NTRK1(11)	Fusion
NTRK1	LMNA-NTRK1.L6N12	LMNA(6) - NTRK1(12)	Fusion
NTRK1	LMNA-NTRK1.L6N12.1	LMNA(6) - NTRK1(12)	Fusion
NTRK1	LRRC71-NTRK1.L1N9	LRRC71(1) - NTRK1(9)	Fusion
NTRK1	MDM4-NTRK1.M3N5	MDM4(3) - NTRK1(5)	Fusion
NTRK1	MPRIP-NTRK1.M21N12	MPRIP(21) - NTRK1(12)	Fusion
NTRK1	MRPL24-NTRK1.M1N9	MRPL24(1) - NTRK1(9)	Fusion
NTRK1	MRPL24-NTRK1.M1N9.1	MRPL24(1) - NTRK1(9)	Fusion
NTRK1	NFASC-NTRK1.N20N10	NFASC(20) - NTRK1(10)	Fusion
NTRK1	NTRK1-DYNC2H1.N16D85	NTRK1(16) - DYNC2H1(85)	Fusion
NTRK1	NTRK1-DYNC2H1.N17D85	NTRK1(17) - DYNC2H1(85)	Fusion
NTRK1	PEAR1-NTRK1.P15N10	PEAR1(15) - NTRK1(10)	Fusion
NTRK1	PEAR1-NTRK1.P2N9	PEAR1(2) - NTRK1(9)	Fusion
NTRK1	PLEKHA6-NTRK1.P16N10	PLEKHA6(16) - NTRK1(10)	Fusion
NTRK1	PLEKHA6-NTRK1.P21N9	PLEKHA6(21) - NTRK1(9)	Fusion
NTRK1	PPL-NTRK1.P12N13.1	PPL(12) - NTRK1(13)	Fusion
NTRK1	PPL-NTRK1.P22N10.1	PPL(22) - NTRK1(10)	Fusion
NTRK1	PPL-NTRK1.P22N11.1	PPL(22) - NTRK1(11)	Fusion
NTRK1	PPL-NTRK1.P22N13	PPL(22) - NTRK1(13)	Fusion
NTRK1	RABGAP1L-NTRK1.R14N16	RABGAP1L(14) - NTRK1(16)	Fusion
NTRK1	RFWD2-NTRK1.R2N3	RFWD2(2) - NTRK1(3)	Fusion
NTRK1	RNF213-NTRK1.R15N12	RNF213(15) - NTRK1(12)	Fusion
NTRK1	SCYL3-NTRK1.S11N12	SCYL3(11) - NTRK1(12)	Fusion

Gene	Variant ID	Genes (Exons)	Type
NTRK1	SQSTM1-NTRK1.S2N10.1	SQSTM1(2) - NTRK1(10)	Fusion
NTRK1	SQSTM1-NTRK1.S5N10.1	SQSTM1(5) - NTRK1(10)	Fusion
NTRK1	SQSTM1-NTRK1.S5N12	SQSTM1(5) - NTRK1(12)	Fusion
NTRK1	SSBP2-NTRK1.S12N12	SSBP2(12) - NTRK1(12)	Fusion
NTRK1	TFG-NTRK1.T4N9	TFG(4) - NTRK1(9)	Fusion
NTRK1	TFG-NTRK1.T5N10.COSF1328	TFG(5) - NTRK1(10)	Fusion
NTRK1	TFG-NTRK1.T6N10.1	TFG(6) - NTRK1(10)	Fusion
NTRK1	TFG-NTRK1.T7N12	TFG(7) - NTRK1(12)	Fusion
NTRK1	TP53-NTRK1.T10N9.COSF1658	TP53(10) - NTRK1(9)	Fusion
NTRK1	TP53-NTRK1.T11N9.COSF1660	TP53(11) - NTRK1(9)	Fusion
NTRK1	TP53-NTRK1.T8N9.COSF1655	TP53(8) - NTRK1(9)	Fusion
NTRK1	TP53-NTRK1.T9N9.COSF1657	TP53(9) - NTRK1(9)	Fusion
NTRK1	TPM3-NTRK1.T6N11	TPM3(6) - NTRK1(11)	Fusion
NTRK1	TPM3-NTRK1.T7N10.COSF1329	TPM3(7) - NTRK1(10)	Fusion
NTRK1	TPM3-NTRK1.T7N12	TPM3(7) - NTRK1(12)	Fusion
NTRK1	TPM3-NTRK1.T7N13	TPM3(7) - NTRK1(13)	Fusion
NTRK1	TPM3-NTRK1.T7N9	TPM3(7) - NTRK1(9)	Fusion
NTRK1	TPM3-NTRK1.T7N9b	TPM3(7) - NTRK1(9)	Fusion
NTRK1	TPM3-NTRK1.T8N10	TPM3(8) - NTRK1(10)	Fusion
NTRK1	TPR-NTRK1.T10N10	TPR(10) - NTRK1(10)	Fusion
NTRK1	TPR-NTRK1.T10N4	TPR(10) - NTRK1(4)	Fusion
NTRK1	TPR-NTRK1.T21N10.COSF1326	TPR(21) - NTRK1(10)	Fusion
NTRK1	TPR-NTRK1.T21N12	TPR(21) - NTRK1(12)	Fusion
NTRK1	TPR-NTRK1.T21N13	TPR(21) - NTRK1(13)	Fusion
NTRK1	TPR-NTRK1.T21N9	TPR(21) - NTRK1(9)	Fusion
NTRK1	TPR-NTRK1.T6N12.COSF1324	TPR(6) - NTRK1(12)	Fusion
NTRK1	TPR-NTRK1.T8N11	TPR(8) - NTRK1(11)	Fusion
NTRK1	TRIM63-NTRK1.T8N9	TRIM63(8) - NTRK1(9)	Fusion
NTRK1	VANGL2-NTRK1.V1N12	VANGL2(1) - NTRK1(12)	Fusion
NTRK2	AFAP1-NTRK2.A14N12	AFAP1(14) - NTRK2(12)	Fusion
NTRK2	AGBL4-NTRK2.A6N16.1	AGBL4(6) - NTRK2(16)	Fusion
NTRK2	BCR-NTRK2.B1N17	BCR(1) - NTRK2(17)	Fusion
NTRK2	DAB2IP-NTRK2.D1N17	DAB2IP(1) - NTRK2(17)	Fusion
NTRK2	ETV6-NTRK2.E4N16	ETV6(4) - NTRK2(16)	Fusion
NTRK2	ETV6-NTRK2.E5N15	ETV6(5) - NTRK2(15)	Fusion
NTRK2	ETV6-NTRK2.E5N16	ETV6(5) - NTRK2(16)	Fusion
NTRK2	GKAP1-NTRK2.G9N13	GKAP1(9) - NTRK2(13)	Fusion
NTRK2	GNAQ-NTRK2.G2N16	GNAQ(2) - NTRK2(16)	Fusion
NTRK2	KCTD8-NTRK2.K1N13	KCTD8(1) - NTRK2(13)	Fusion
NTRK2	NACC2-NTRK2.N4N13.COSF1448	NACC2(4) - NTRK2(13)	Fusion
NTRK2	NAV1-NTRK2.N15N11.1	NAV1(15) - NTRK2(11)	Fusion
NTRK2	NOS1AP-NTRK2.N9N11	NOS1AP(9) - NTRK2(11)	Fusion
NTRK2	PAN3-NTRK2.P1N17	PAN3(1) - NTRK2(17)	Fusion
NTRK2	QKI-NTRK2.Q6N16.COSF1446	QKI(6) - NTRK2(16)	Fusion
NTRK2	SLMAP-NTRK2.S14N16	SLMAP(14) - NTRK2(16)	Fusion
NTRK2	SQSTM1-NTRK2.S5N13	SQSTM1(5) - NTRK2(13)	Fusion
NTRK2	SQSTM1-NTRK2.S5N17.1	SQSTM1(5) - NTRK2(17)	Fusion
NTRK2	STRN-NTRK2.S14N5	STRN(14) - NTRK2(5)	Fusion
NTRK2	STRN-NTRK2.S3N15	STRN(3) - NTRK2(15)	Fusion
NTRK2	STRN-NTRK2.S3N16	STRN(3) - NTRK2(16)	Fusion

Gene	Variant ID	Genes (Exons)	Type
NTRK2	STRN3-NTRK2.S7N16	STRN3(7) - NTRK2(16)	Fusion
NTRK2	TBC1D2-NTRK2.T6N12	TBC1D2(6) - NTRK2(12)	Fusion
NTRK2	TLE4-NTRK2.T7N15	TLE4(7) - NTRK2(15)	Fusion
NTRK2	TP63-NTRK2.T8N12.1	TP63(8) - NTRK2(12)	Fusion
NTRK2	TRAF2-NTRK2.T9N15	TRAF2(9) - NTRK2(15)	Fusion
NTRK2	TRIM24-NTRK2.T12N15.1	TRIM24(12) - NTRK2(15)	Fusion
NTRK2	TRIM24-NTRK2.T12N16	TRIM24(12) - NTRK2(16)	Fusion
NTRK2	VCAN-NTRK2.V6N10	VCAN(6) - NTRK2(10)	Fusion
NTRK2	VCL-NTRK2.V16N12.1	VCL(16) - NTRK2(12)	Fusion
NTRK2	WNK2-NTRK2.W24N16	WNK2(24) - NTRK2(16)	Fusion
NTRK3	AKAP13-NTRK3.A14N14.1	AKAP13(14) - NTRK3(14)	Fusion
NTRK3	AKAP13-NTRK3.A16N15	AKAP13(16) - NTRK3(15)	Fusion
NTRK3	BTBD1-NTRK3.B4N14	BTBD1(4) - NTRK3(14)	Fusion
NTRK3	COX5A-NTRK3.C1N15.1	COX5A(1) - NTRK3(15)	Fusion
NTRK3	EML4-NTRK3.E2N14.1	EML4(2) - NTRK3(14)	Fusion
NTRK3	EML4-NTRK3.E6N14	EML4(6) - NTRK3(14)	Fusion
NTRK3	ETV6-NTRK3.E4N14.1	ETV6(4) - NTRK3(14)	Fusion
NTRK3	ETV6-NTRK3.E4N15.COSF823.2	ETV6(4) - NTRK3(15)	Fusion
NTRK3	ETV6-NTRK3.E5N14.1	ETV6(5) - NTRK3(14)	Fusion
NTRK3	ETV6-NTRK3.E5N15.COSF571.2	ETV6(5) - NTRK3(15)	Fusion
NTRK3	FAT1-NTRK3.F2N7	FAT1(2) - NTRK3(7)	Fusion
NTRK3	FBXL20-NTRK3.F1N6	FBXL20(1) - NTRK3(6)	Fusion
NTRK3	HNRNPA2B1-NTRK3.H7N14	HNRNPA2B1(7) - NTRK3(14)	Fusion
NTRK3	KANK1-NTRK3.K3N14	KANK1(3) - NTRK3(14)	Fusion
NTRK3	LYN-NTRK3.L8N14.1	LYN(8) - NTRK3(14)	Fusion
NTRK3	MYH9-NTRK3.M32N14	MYH9(32) - NTRK3(14)	Fusion
NTRK3	MYO5A-NTRK3.M23N11	MYO5A(23) - NTRK3(11)	Fusion
NTRK3	MYO5A-NTRK3.M23N12	MYO5A(23) - NTRK3(12)	Fusion
NTRK3	MYO5A-NTRK3.M23N14	MYO5A(23) - NTRK3(14)	Fusion
NTRK3	MYO5A-NTRK3.M32N12	MYO5A(32) - NTRK3(12)	Fusion
NTRK3	MYO5A-NTRK3.M32N13	MYO5A(32) - NTRK3(13)	Fusion
NTRK3	MYO5A-NTRK3.M32N14	MYO5A(32) - NTRK3(14)	Fusion
NTRK3	NTRK3-HOMER1.N17H2	NTRK3(17) - HOMER1(2)	Fusion
NTRK3	NTRK3-HOMER2.N17H2	NTRK3(17) - HOMER2(2)	Fusion
NTRK3	NTRK3-LOXL2.N3L5	NTRK3(3) - LOXL2(5)	Fusion
NTRK3	RBPMS-NTRK3.R5N14	RBPMS(5) - NTRK3(14)	Fusion
NTRK3	SQSTM1-NTRK3.S5N14	SQSTM1(5) - NTRK3(14)	Fusion
NTRK3	TFG-NTRK3.T6N10	TFG(6) - NTRK3(10)	Fusion
NTRK3	TFG-NTRK3.T6N14	TFG(6) - NTRK3(14)	Fusion
NTRK3	TFG-NTRK3.T6N15	TFG(6) - NTRK3(15)	Fusion
NTRK3	TPM4-NTRK3.T7N12	TPM4(7) - NTRK3(12)	Fusion
NTRK3	UBE2R2-NTRK3.U3N4	UBE2R2(3) - NTRK3(4)	Fusion
NTRK3	ZNF710-NTRK3.Z1N14	ZNF710(1) - NTRK3(14)	Fusion
NUTM1	AFF1-NUTM1.A17N3	AFF1(17) - NUTM1(3)	Fusion
NUTM1	BCORL1-NUTM1.B1N2	BCORL1(1) - NUTM1(2)	Fusion
NUTM1	BRD3-NUTM1.B10N2.COSF973.1	BRD3(10) - NUTM1(2)	Fusion
NUTM1	BRD3-NUTM1.B10N5	BRD3(10) - NUTM1(5)	Fusion
NUTM1	BRD3-NUTM1.B9N4	BRD3(9) - NUTM1(4)	Fusion
NUTM1	BRD4-NUTM1.B11N2.COSF780.1	BRD4(11) - NUTM1(2)	Fusion
NUTM1	BRD4-NUTM1.B15N2.1	BRD4(15) - NUTM1(2)	Fusion

Gene	Variant ID	Genes (Exons)	Type
NUTM1	CIC-NUTM1.C16N4.1	CIC(16) - NUTM1(4)	Fusion
NUTM1	CIC-NUTM1.C17N5	CIC(17) - NUTM1(5)	Fusion
NUTM1	CIC-NUTM1.C18N2	CIC(18) - NUTM1(2)	Fusion
NUTM1	CIC-NUTM1.C18N5	CIC(18) - NUTM1(5)	Fusion
NUTM1	CIC-NUTM1.C20N5	CIC(20) - NUTM1(5)	Fusion
NUTM1	MXD1-NUTM1.M5N2	MXD1(5) - NUTM1(2)	Fusion
NUTM1	WHSC1L1-NUTM1.W7N2.1	WHSC1L1(7) - NUTM1(2)	Fusion
NUTM1	ZNF618-NUTM1.Z12N2	ZNF618(12) - NUTM1(2)	Fusion
RET	ABI3BP-RET.A34R12	ABI3BP(34) - RET(12)	Fusion
RET	ACBD5-RET.A11R12	ACBD5(11) - RET(12)	Fusion
RET	ADD3-RET.A1R12	ADD3(1) - RET(12)	Fusion
RET	AFAP1-RET.A3R12	AFAP1(3) - RET(12)	Fusion
RET	AFAP1L2-RET.A2R12	AFAP1L2(2) - RET(12)	Fusion
RET	AFAP1L2-RET.A6R12	AFAP1L2(6) - RET(12)	Fusion
RET	AKAP13-RET.A35R12	AKAP13(35) - RET(12)	Fusion
RET	ANK3-RET.A1R12	ANK3(1) - RET(12)	Fusion
RET	BCR-RET.B4R12	BCR(4) - RET(12)	Fusion
RET	CCDC186-RET.C7R12	CCDC186(7) - RET(12)	Fusion
RET	CCDC6-RET.C1R10	CCDC6(1) - RET(10)	Fusion
RET	CCDC6-RET.C1R11	CCDC6(1) - RET(11)	Fusion
RET	CCDC6-RET.C1R11.1	CCDC6(1) - RET(11)	Fusion
RET	CCDC6-RET.C1R12.COSF1271.1	CCDC6(1) - RET(12)	Fusion
RET	CCDC6-RET.C1R9	CCDC6(1) - RET(9)	Fusion
RET	CCDC6-RET.C2R11	CCDC6(2) - RET(11)	Fusion
RET	CCDC6-RET.C2R12	CCDC6(2) - RET(12)	Fusion
RET	CCDC6-RET.C8R11	CCDC6(8) - RET(11)	Fusion
RET	CCDC6-RET.C8R12	CCDC6(8) - RET(12)	Fusion
RET	CUX1-RET.C10R12	CUX1(10) - RET(12)	Fusion
RET	DLG5-RET.D13R12	DLG5(13) - RET(12)	Fusion
RET	EML4-RET.E19R11	EML4(19) - RET(11)	Fusion
RET	EML4-RET.E19R12	EML4(19) - RET(12)	Fusion
RET	EPHA5-RET.E2R12	EPHA5(2) - RET(12)	Fusion
RET	ERC1-RET.E11R12.COSF1507.1	ERC1(11) - RET(12)	Fusion
RET	ERC1-RET.E12R12	ERC1(12) - RET(12)	Fusion
RET	ERC1-RET.E17R12	ERC1(17) - RET(12)	Fusion
RET	ERC1-RET.E7R12.1	ERC1(7) - RET(12)	Fusion
RET	ETV6-RET.E6R12	ETV6(6) - RET(12)	Fusion
RET	FGFR1OP-RET.F11R11	FGFR1OP(11) - RET(11)	Fusion
RET	FGFR1OP-RET.F12R12	FGFR1OP(12) - RET(12)	Fusion
RET	FKBP15-RET.F25R12	FKBP15(25) - RET(12)	Fusion
RET	FRMD4A-RET.F12R12	FRMD4A(12) - RET(12)	Fusion
RET	GOLGA5-RET.G7R12.COSF1503.1	GOLGA5(7) - RET(12)	Fusion
RET	GPHN-RET.G9R12	GPHN(9) - RET(12)	Fusion
RET	HOOK3-RET.H11R12.COSF1509.1	HOOK3(11) - RET(12)	Fusion
RET	KIAA1217-RET.K11R10	KIAA1217(11) - RET(10)	Fusion
RET	KIAA1217-RET.K11R11	KIAA1217(11) - RET(11)	Fusion
RET	KIAA1468-RET.K10R12	KIAA1468(10) - RET(12)	Fusion
RET	KIF13A-RET.K18R12	KIF13A(18) - RET(12)	Fusion
RET	KIF5B-RET.K15R11.COSF1255.2	KIF5B(15) - RET(11)	Fusion
RET	KIF5B-RET.K15R12.COSF1232.1	KIF5B(15) - RET(12)	Fusion

Gene	Variant ID	Genes (Exons)	Type
RET	KIF5B-RET.K16R12.COSF1230.1	KIF5B(16) - RET(12)	Fusion
RET	KIF5B-RET.K18R12	KIF5B(18) - RET(12)	Fusion
RET	KIF5B-RET.K22R12.COSF1253.1	KIF5B(22) - RET(12)	Fusion
RET	KIF5B-RET.K23R12.COSF1234.1	KIF5B(23) - RET(12)	Fusion
RET	KIF5B-RET.K23R8	KIF5B(23) - RET(8)	Fusion
RET	KIF5B-RET.K24R11.COSF1262.1	KIF5B(24) - RET(11)	Fusion
RET	KIF5B-RET.K24R8.COSF1236.1	KIF5B(24) - RET(8)	Fusion
RET	KTN1-RET.K29R12.COSF1513.1	KTN1(29) - RET(12)	Fusion
RET	MPRIP-RET.M19R12	MPRIP(19) - RET(12)	Fusion
RET	MYH10-RET.M33R12	MYH10(33) - RET(12)	Fusion
RET	MYH13-RET.M35R12	MYH13(35) - RET(12)	Fusion
RET	MYO5A-RET.M23R11	MYO5A(23) - RET(11)	Fusion
RET	MYO5C-RET.M25R12	MYO5C(25) - RET(12)	Fusion
RET	NCOA4-RET.N6R12.COSF1340.1	NCOA4(6) - RET(12)	Fusion
RET	NCOA4-RET.N7R12.COSF1491.1	NCOA4(7) - RET(12)	Fusion
RET	NCOA4-RET.N9R12	NCOA4(9) - RET(12)	Fusion
RET	NCOA4-RET.N9R8	NCOA4(9) - RET(8)	Fusion
RET	OLFM4-RET.O4R10	OLFM4(4) - RET(10)	Fusion
RET	PCM1-RET.P29R12.COSF1481.1	PCM1(29) - RET(12)	Fusion
RET	PDCD10-RET.P4R11	PDCD10(4) - RET(11)	Fusion
RET	PICALM-RET.P19R12	PICALM(19) - RET(12)	Fusion
RET	PPFIBP2-RET.P9R12	PPFIBP2(9) - RET(12)	Fusion
RET	PRKAR1A-RET.P7R12.COSF1511.1	PRKAR1A(7) - RET(12)	Fusion
RET	PRKG1-RET.P3R12	PRKG1(3) - RET(12)	Fusion
RET	RASAL2-RET.R15R12	RASAL2(15) - RET(12)	Fusion
RET	RASSF4-RET.R3R12	RASSF4(3) - RET(12)	Fusion
RET	RRBP1-RET.R9R12	RRBP1(9) - RET(12)	Fusion
RET	RUFY1-RET.R17R12	RUFY1(17) - RET(12)	Fusion
RET	RUFY2-RET.R9R12	RUFY2(9) - RET(12)	Fusion
RET	SATB1-RET.S7R12	SATB1(7) - RET(12)	Fusion
RET	SNRNP70-RET.S7R12	SNRNP70(7) - RET(12)	Fusion
RET	SPECC1L-RET.S10R11.NGS.1	SPECC1L(10) - RET(11)	Fusion
RET	SPECC1L-RET.S10R12	SPECC1L(10) - RET(12)	Fusion
RET	SQSTM1-RET.S5R11	SQSTM1(5) - RET(11)	Fusion
RET	SQSTM1-RET.S6R12	SQSTM1(6) - RET(12)	Fusion
RET	TBL1XR1-RET.T9R11.NGS.1	TBL1XR1(9) - RET(11)	Fusion
RET	TBL1XR1-RET.T9R12	TBL1XR1(9) - RET(12)	Fusion
RET	TFG-RET.T4R11	TFG(4) - RET(11)	Fusion
RET	TNIP1-RET.T11R12	TNIP1(11) - RET(12)	Fusion
RET	TNIP2-RET.T5R12	TNIP2(5) - RET(12)	Fusion
RET	TRIM24-RET.T9R12.COSF1521.1	TRIM24(9) - RET(12)	Fusion
RET	TRIM27-RET.T3R12.COSF1519.1	TRIM27(3) - RET(12)	Fusion
RET	TRIM33-RET.T11R12	TRIM33(11) - RET(12)	Fusion
RET	TRIM33-RET.T14R12	TRIM33(14) - RET(12)	Fusion
RET	TRIM33-RET.T16R12.COSF1525.1	TRIM33(16) - RET(12)	Fusion
RET	WAC-RET.W3R12	WAC(3) - RET(12)	Fusion
ROS1	CCDC30-ROS1.C10R36	CCDC30(10) - ROS1(36)	Fusion
ROS1	CCDC6-ROS1.C5R35.1	CCDC6(5) - ROS1(35)	Fusion
ROS1	CD74-ROS1.C4R33.NGS	CD74(4) - ROS1(33)	Fusion
ROS1	CD74-ROS1.C6R32.COSF1202.1	CD74(6) - ROS1(32)	Fusion

Gene	Variant ID	Genes (Exons)	Type
ROS1	CD74-ROS1.C6R33	CD74(6) - ROS1(33)	Fusion
ROS1	CD74-ROS1.C6R34.COSF1200.1	CD74(6) - ROS1(34)	Fusion
ROS1	CD74-ROS1.C6R35.1	CD74(6) - ROS1(35)	Fusion
ROS1	CD74-ROS1.C7R34	CD74(7) - ROS1(34)	Fusion
ROS1	CEP85L-ROS1.C12R35	CEP85L(12) - ROS1(35)	Fusion
ROS1	CEP85L-ROS1.C8R36	CEP85L(8) - ROS1(36)	Fusion
ROS1	CLIP1-ROS1.C19R36	CLIP1(20) - ROS1(36)	Fusion
ROS1	CLTC-ROS1.C31R35	CLTC(31) - ROS1(35)	Fusion
ROS1	ERC1-ROS1.E11R36	ERC1(11) - ROS1(36)	Fusion
ROS1	EYS-ROS1.E12R9	EYS(12) - ROS1(9)	Fusion
ROS1	EZR-ROS1.E10R33	EZR(10) - ROS1(33)	Fusion
ROS1	EZR-ROS1.E10R34.COSF1267	EZR(10) - ROS1(34)	Fusion
ROS1	EZR-ROS1.E10R35.1	EZR(10) - ROS1(35)	Fusion
ROS1	GOLGB1-ROS1.G9R35	GOLGB1(9) - ROS1(35)	Fusion
ROS1	GOPC-ROS1.G4R36.COSF1188	GOPC(4) - ROS1(36)	Fusion
ROS1	GOPC-ROS1.G8R35.COSF1139.1	GOPC(8) - ROS1(35)	Fusion
ROS1	HLA_A-ROS1.H7R34	HLA-A(7) - ROS1(34)	Fusion
ROS1	KIAA1598-ROS1.K11R36	SHTN1(11) - ROS1(36)	Fusion
ROS1	LIMA1-ROS1.L10R36	LIMA1(10) - ROS1(36)	Fusion
ROS1	LRIG3-ROS1.L16R35.COSF1269.1	LRIG3(16) - ROS1(35)	Fusion
ROS1	MSN-ROS1.M9R34.1	MSN(9) - ROS1(34)	Fusion
ROS1	MYO5A-ROS1.M23R35.1	MYO5A(23) - ROS1(35)	Fusion
ROS1	MYO5A-ROS1.M32R35	MYO5A(32) - ROS1(35)	Fusion
ROS1	MYO5C-ROS1.M30R35	MYO5C(30) - ROS1(35)	Fusion
ROS1	NCOR2-ROS1.N7R36.1	NCOR2(7) - ROS1(36)	Fusion
ROS1	NFKB2-ROS1.N14R36	NFKB2(14) - ROS1(36)	Fusion
ROS1	PPFIBP1-ROS1.P9R35.1	PPFIBP1(9) - ROS1(35)	Fusion
ROS1	PWWP2A-ROS1.P1R36	PWWP2A(1) - ROS1(36)	Fusion
ROS1	SDC4-ROS1.S2R32.COSF1265	SDC4(2) - ROS1(32)	Fusion
ROS1	SDC4-ROS1.S2R34	SDC4(2) - ROS1(34)	Fusion
ROS1	SDC4-ROS1.S4R32.COSF1278	SDC4(4) - ROS1(32)	Fusion
ROS1	SDC4-ROS1.S4R34.COSF1280	SDC4(4) - ROS1(34)	Fusion
ROS1	SDC4-ROS1.S5R34	SDC4(5) - ROS1(34)	Fusion
ROS1	SLC16A10-ROS1.S3R3	SLC16A10(3) - ROS1(3)	Fusion
ROS1	SLC22A16-ROS1.S7R16	SLC22A16(7) - ROS1(16)	Fusion
ROS1	SLC34A2-ROS1.S13R32.COSF1259	SLC34A2(13) - ROS1(32)	Fusion
ROS1	SLC34A2-ROS1.S13R33	SLC34A2(13) - ROS1(33)	Fusion
ROS1	SLC34A2-ROS1.S13R34.COSF1261	SLC34A2(13) - ROS1(34)	Fusion
ROS1	SLC34A2-ROS1.S13R36	SLC34A2(13) - ROS1(36)	Fusion
ROS1	SLC34A2-ROS1.S4R32.COSF1196	SLC34A2(4) - ROS1(32)	Fusion
ROS1	SLC34A2-ROS1.S4R34.COSF1198	SLC34A2(4) - ROS1(34)	Fusion
ROS1	SLC34A2-ROS1.S4R35	SLC34A2(4) - ROS1(35)	Fusion
ROS1	SLMAP-ROS1.S10R35	SLMAP(10) - ROS1(35)	Fusion
ROS1	TFG-ROS1.T4R35.1	TFG(4) - ROS1(35)	Fusion
ROS1	TFG-ROS1.T5R35	TFG(5) - ROS1(35)	Fusion
ROS1	TMEM106B-ROS1.T3R35.1	TMEM106B(3) - ROS1(35)	Fusion
ROS1	TPD52L1-ROS1.T3R33	TPD52L1(3) - ROS1(33)	Fusion
ROS1	TPM3-ROS1.T3R36.1	TPM3(3) - ROS1(36)	Fusion
ROS1	TPM3-ROS1.T7R35.COSF1273.1	TPM3(7) - ROS1(35)	Fusion
ROS1	TSPAN3-ROS1.T5R31	TSPAN3(5) - ROS1(31)	Fusion

Gene	Variant ID	Genes (Exons)	Type
ROS1	YWHAE-ROS1.Y4R36	YWHAE(4) - ROS1(36)	Fusion
ROS1	ZCCHC8-ROS1.Z2R36	ZCCHC8(2) - ROS1(36)	Fusion
ROS1	ZCCHC8-ROS1.Z3R36	ZCCHC8(3) - ROS1(36)	Fusion
RSPO2	EIF3E-RSPO2.E1R2.COSF1307.1	EIF3E(1) - RSPO2(2)	Fusion
RSPO2	GRHL2-RSPO2.G8R2	GRHL2(8) - RSPO2(2)	Fusion
RSPO2	NRIP1-RSPO2.N2R2	NRIP1(2) - RSPO2(2)	Fusion
RSPO2	NRIP1-RSPO2.N3R2	NRIP1(3) - RSPO2(2)	Fusion
RSPO3	ASH1L-RSPO3.A1R2	ASH1L(1) - RSPO3(2)	Fusion
RSPO3	PTPRK-RSPO3.P10R2	PTPRK(10) - RSPO3(2)	Fusion
RSPO3	PTPRK-RSPO3.P13R2	PTPRK(13) - RSPO3(2)	Fusion
RSPO3	PTPRK-RSPO3.P1R2.COSF1311.1	PTPRK(1) - RSPO3(2)	Fusion
RSPO3	PTPRK-RSPO3.P6R2	PTPRK(6) - RSPO3(2)	Fusion
RSPO3	PTPRK-RSPO3.P7R2.COSF1313.1	PTPRK(7) - RSPO3(2)	Fusion

CentoSomatic Liquid – SNVs and INDELs

CENTOGENE
GUIDING PRECISION MEDICINE

These are the specific variants (SNVs and INDELs) evaluated by the CentoSomatic Liquid assay.

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
AKT1	chr14:105246449	c.151C>T	p.P51S	COSM5991558
AKT1	chr14:105246448	c.152C>T	p.P51L	COSM4468165
AKT1	chr14:105246445	c.155T>G	p.L52R	COSM93893
AKT1	chr14:105243052	c.230_231insGCCCAACACCTTCATCATCCGCTG	p.R76_C77insWPNTFIIR	COSM5045024
AKT1	chr14:105243053	c.230G>T	p.C77F	COSM5027916
AKT1	chr14:105243050	c.232_233insCCAACACCTTCATCATCCGCTGCC	p.P70_C77dup	COSM6568358
AKT1	chr14:105243048	c.235C>A	p.Q79K	COSM159008
AKT1	chr14:105246551	c.49G>A	p.E17K	COSM33765
AKT2	chr19:40762959	c.49G>A	p.E17K	COSM159009
AKT2	chr19:40742002	c.970G>C	p.D324H	COSM474742
AKT2	chr19:40742001	c.971A>G	p.D324G	COSM474741
AKT3	chr1:243858913	c.152T>G	p.L51R	COSM309035
AKT3	chr1:243828126	c.232C>A	p.Q78K	COSM242892
AKT3	chr1:243859016	c.49G>A	p.E17K	COSM224779
ALK	chr2:29445466	c.3367G>A	p.G1123S	COSM5045108
ALK	chr2:29445465	c.3368G>A	p.G1123D	OM3262
ALK	chr2:29445450	c.3383G>C	p.G1128A	COSM98475
ALK	chr2:29445447	c.3386A>T	p.E1129V	BT117
ALK	chr2:29445273	c.3452C>A	p.T1151K	OM3261
ALK	chr2:29445273	c.3452C>G	p.T1151R	OM3260
ALK	chr2:29445273	c.3452C>T	p.T1151M	COSM98478
ALK	chr2:29445271	c.3453_3454insACG	p.T1151dup	COSM144252
ALK	chr2:29445271	c.3454C>G	p.L1152V	OM3513
ALK	chr2:29445270	c.3455T>C	p.L1152P	COSM1407659
ALK	chr2:29445270	c.3455T>G	p.L1152R	COSM97185
ALK	chr2:29445265	c.3460G>C	p.E1154Q	OM3324
ALK	chr2:29445258	c.3466_3467delTGinsAC	p.C1156T	OM3350

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
ALK	chr2:29445258	c.3467G>A	p.C1156Y	COSM99136
ALK	chr2:29445258	c.3467G>T	p.C1156F	BT144
ALK	chr2:29445255	c.3470C>T	p.S1157F	BT145
ALK	chr2:29445213	c.3511_3512delATinsCA	p.I1171H	OM3163
ALK	chr2:29445212	c.3512_3513delTCinsAT	p.I1171N	COSM1169448
ALK	chr2:29445213	c.3512T>A	p.I1171N	COSM28498
ALK	chr2:29445213	c.3512T>C	p.I1171T	COSM4381100
ALK	chr2:29445213	c.3512T>G	p.I1171S	COSM4440758
ALK	chr2:29443697	c.3520T>A	p.F1174I	COSM28491
ALK	chr2:29443697	c.3520T>C	p.F1174L	COSM28057
ALK	chr2:29443697	c.3520T>G	p.F1174V	COSM28054
ALK	chr2:29443696	c.3521T>C	p.F1174S	COSM53063
ALK	chr2:29443696	c.3521T>G	p.F1174C	COSM28059
ALK	chr2:29443695	c.3522C>A	p.F1174L	COSM28055
ALK	chr2:29443695	c.3522C>G	p.F1174L	COSM28061
ALK	chr2:29443679	c.3538G>C	p.V1180L	COSM4381101
ALK	chr2:29443642	c.3575G>A	p.R1192Q	OM3372
ALK	chr2:29443642	c.3575G>C	p.R1192P	OM3259
ALK	chr2:29443631	c.3586C>A	p.L1196M	COSM99137
ALK	chr2:29443630	c.3587T>A	p.L1196Q	COSM1169447
ALK	chr2:29443625	c.3592C>G	p.L1198V	OM3314
ALK	chr2:29443625	c.3592C>T	p.L1198F	COSM97028
ALK	chr2:29443624	c.3593T>C	p.L1198P	OM3162
ALK	chr2:29443618	c.3599C>T	p.A1200V	COSM317003
ALK	chr2:29443611	c.3603_3605delGGG	p.G1202del	OMINDEL698
ALK	chr2:29443613	c.3604G>A	p.G1202R	COSM144250
ALK	chr2:29443610	c.3607G>A	p.D1203N	COSM6191344
ALK	chr2:29443609	c.3608A>C	p.D1203A	OM3313
ALK	chr2:29443600	c.3617C>A	p.S1206Y	COSM144251
ALK	chr2:29443600	c.3617C>G	p.S1206C	BT147
ALK	chr2:29443600	c.3617C>T	p.S1206F	COSM6909200
ALK	chr2:29443591	c.3626G>A	p.R1209Q	COSM327056
ALK	chr2:29443589	c.3628G>A	p.E1210K	OM3161

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
ALK	chr2:29436902	c.3691C>T	p.R1231W	BT148
ALK	chr2:29436901	c.3692G>A	p.R1231Q	COSM5967491
ALK	chr2:29436860	c.3733T>A	p.F1245I	COSM28492
ALK	chr2:29436860	c.3733T>G	p.F1245V	COSM28499
ALK	chr2:29436859	c.3734T>G	p.F1245C	COSM28500
ALK	chr2:29436858	c.3735C>A	p.F1245L	COSM28493
ALK	chr2:29436858	c.3735C>G	p.F1245L	COSM28062
ALK	chr2:29432686	c.3802A>G	p.I1268V	BT149
ALK	chr2:29432682	c.3806G>C	p.G1269A	COSM1169707
ALK	chr2:29432664	c.3824G>A	p.R1275Q	COSM28056
ALK	chr2:29432664	c.3824G>T	p.R1275L	COSM28060
ALK	chr2:29432655	c.3833A>C	p.Y1278S	COSM28058
ALK	chr2:29430136	c.3839C>T	p.A1280V	COSM6914238
ALK	chr2:29416349	c.4604T>A	p.L1535Q	OM3256
AR	chrX:66931463	c.2105T>A	p.L702H	COSM238553
AR	chrX:66931504	c.2146G>A	p.V716M	COSM3094417
AR	chrX:66937337	c.2191G>A	p.V731M	COSM1468984
AR	chrX:66937371	c.2225G>T	p.W742L	COSM5944172
AR	chrX:66937372	c.2226G>C	p.W742C	COSM5944171
AR	chrX:66937372	c.2226G>T	p.W742C	COSM5572266
AR	chrX:66941796	c.2440T>G	p.F814V	COSM150793
AR	chrX:66943543	c.2623C>T	p.H875Y	COSM238555
AR	chrX:66943545	c.2625T>G	p.H875Q	COSM5945766
AR	chrX:66943549	c.2629T>C	p.F877L	COSM5945752
AR	chrX:66943551	c.2631C>A	p.F877L	COSM5946164
AR	chrX:66943552	c.2632A>G	p.T878A	COSM236693
AR	chrX:66943553	c.2633C>G	p.T878S	COSM5570418
AR	chrX:66943560	c.2640C>A	p.D880E	COSM5945750
AR	chrX:66943564	c.2644C>A	p.L882I	COSM5945751
AR	chrX:66943585	c.2665A>G	p.S889G	COSM5945753
AR	chrX:66943591	c.2671G>C	p.D891H	COSM5945767
AR	chrX:66943600	c.2680G>A	p.E894K	COSM5945748
AR	chrX:66943606	c.2686A>G	p.M896V	COSM5945749

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
AR	chrX:66943607	c.2687T>C	p.M896T	OM3321
AR	chrX:66943613	c.2693A>G	p.E898G	OM3322
ARAF	chrX:47426120	c.640T>A	p.S214T	COSM1558277
ARAF	chrX:47426120	c.640T>G	p.S214A	COSM1742787
ARAF	chrX:47426121	c.641C>A	p.S214Y	COSM5416443
ARAF	chrX:47426121	c.641C>G	p.S214C	COSM5044705
ARAF	chrX:47426121	c.641C>T	p.S214F	COSM612884
BRAF	chr7:140481423	c.1385G>T	p.R462I	COSM447
BRAF	chr7:140481420	c.1388T>G	p.I463S	COSM448
BRAF	chr7:140481418	c.1390G>A	p.G464R	COSM1448615
BRAF	chr7:140481418	c.1390G>C	p.G464R	COSM1111
BRAF	chr7:140481417	c.1391G>A	p.G464E	COSM449
BRAF	chr7:140481417	c.1391G>T	p.G464V	COSM450
BRAF	chr7:140481412	c.1396G>A	p.G466R	COSM253328
BRAF	chr7:140481412	c.1396G>C	p.G466R	COSM1112
BRAF	chr7:140481411	c.1397G>A	p.G466E	COSM453
BRAF	chr7:140481411	c.1397G>C	p.G466A	COSM452
BRAF	chr7:140481411	c.1397G>T	p.G466V	COSM451
BRAF	chr7:140481402	c.1405_1406delGGinsTC	p.G469S	COSM458
BRAF	chr7:140481402	c.1405_1406delGGinsTT	p.G469L	COSM6056848
BRAF	chr7:140481401	c.1405_1407delGGAinsAGC	p.G469S	COSM1113
BRAF	chr7:140481401	c.1405_1407delGGAinsAGT	p.G469S	COSM27912
BRAF	chr7:140481403	c.1405G>A	p.G469R	COSM457
BRAF	chr7:140481403	c.1405G>C	p.G469R	COSM455
BRAF	chr7:140481402	c.1406G>A	p.G469E	COSM461
BRAF	chr7:140481402	c.1406G>C	p.G469A	COSM460
BRAF	chr7:140481402	c.1406G>T	p.G469V	COSM459
BRAF	chr7:140481393	c.1415A>G	p.Y472C	COSM1133046
BRAF	chr7:140453193	c.1742A>C	p.N581T	COSM1699452
BRAF	chr7:140453193	c.1742A>G	p.N581S	COSM462
BRAF	chr7:140453193	c.1742A>T	p.N581I	COSM26460
BRAF	chr7:140453179	c.1756G>A	p.E586K	COSM463
BRAF	chr7:140453155	c.1779_1780delTGinsGA	p.[G593=;D594N]	COSM211600

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
BRAF	chr7:140453155	c.1780G>A	p.D594N	COSM27639
BRAF	chr7:140453155	c.1780G>C	p.D594H	COSM144576
BRAF	chr7:140453155	c.1780G>T	p.D594Y	COSM6928839
BRAF	chr7:140453154	c.1781A>C	p.D594A	COSM1583010
BRAF	chr7:140453154	c.1781A>G	p.D594G	COSM467
BRAF	chr7:140453154	c.1781A>T	p.D594V	COSM466
BRAF	chr7:140453153	c.1782T>A	p.D594E	COSM1121
BRAF	chr7:140453153	c.1782T>G	p.D594E	COSM253330
BRAF	chr7:140453152	c.1783T>C	p.F595L	COSM21612
BRAF	chr7:140453151	c.1784T>C	p.F595S	COSM1123
BRAF	chr7:140453150	c.1785T>A	p.F595L	COSM53198
BRAF	chr7:140453150	c.1785T>G	p.F595L	COSM468
BRAF	chr7:140453149	c.1786G>C	p.G596R	COSM469
BRAF	chr7:140453149	c.1786G>T	p.G596C	COSM6936824
BRAF	chr7:140453148	c.1787G>A	p.G596D	COSM26506
BRAF	chr7:140453148	c.1787G>T	p.G596V	COSM9145962
BRAF	chr7:140453145	c.1789_1790delCTinsTC	p.L597S	COSM1126
BRAF	chr7:140453146	c.1789C>G	p.L597V	COSM470
BRAF	chr7:140453145	c.1790T>A	p.L597Q	COSM1125
BRAF	chr7:140453145	c.1790T>C	p.L597P	COSM1448593
BRAF	chr7:140453145	c.1790T>G	p.L597R	COSM471
BRAF	chr7:140453143	c.1792G>A	p.A598T	COSM28505
BRAF	chr7:140453142	c.1793C>T	p.A598V	COSM21549
BRAF	chr7:140453138	c.1796_1797insTAC	p.T599dup	COSM30730
BRAF	chr7:140453136	c.1796_1799delCAGTinsGAGG	p.[T599R;V600G]	OM3547
BRAF	chr7:140453136	c.1796_1799delCAGTinsTAAA	p.[T599I;V600K]	COSM1735763
BRAF	chr7:140453139	c.1796C>G	p.T599R	COSM4172020
BRAF	chr7:140453139	c.1796C>T	p.T599I	COSM472
BRAF	chr7:140453137	c.1797_1798insACA	p.T599dup	COSM144982
BRAF	chr7:140453136	c.1797_1799delAGTinsGAG	p.[T599=;V600R]	COSM1127
BRAF	chr7:140453135	c.1798_1799delGTinsAA	p.V600K	COSM473
BRAF	chr7:140453136	c.1798_1799delGTinsAG	p.V600R	COSM474
BRAF	chr7:140453135	c.1798_1799delGTinsCA	p.V600Q	COSM249889

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
BRAF	chr7:140453136	c.1798_1799delGTinsCG	p.V600R	COSM1583011
BRAF	chr7:140453136	c.1798_1799insAGACTACAG	p.T599_V600insETT	COSM4172018
BRAF	chr7:140453136	c.1798_1799insAGGCTACAG	p.T599_V600insEAT	COSM4166148
BRAF	chr7:140453136	c.1798_1799insATTTTGGTCTAGCTACAG	p.D594_T599dup	COSM26504
BRAF	chr7:140453137	c.1798G>A	p.V600M	COSM1130
BRAF	chr7:140453136	c.1798G>C	p.V600L	COSM219798
BRAF	chr7:140453137	c.1798G>T	p.V600L	COSM33808
BRAF	chr7:140453135	c.1799_1800delTGinsAA	p.V600E	COSM475
BRAF	chr7:140453135	c.1799_1800delTGinsAC	p.V600D	COSM308550
BRAF	chr7:140453135	c.1799_1800delTGinsAT	p.V600D	COSM477
BRAF	chr7:140453133	c.1799_1801delTGA	p.V600_K601delinsE	COSM1133
BRAF	chr7:140453135	c.1799T>A	p.V600E	COSM476
BRAF	chr7:140453136	c.1799T>C	p.V600A	COSM18443
BRAF	chr7:140453136	c.1799T>G	p.V600G	COSM6137
BRAF	chr7:140453134	c.1801A>G	p.K601E	COSM478
BRAF	chr7:140453133	c.1802A>C	p.K601T	COSM3878760
BRAF	chr7:140453133	c.1802A>G	p.K601R	COSM1568586
BRAF	chr7:140453133	c.1802A>T	p.K601I	COSM26491
BRAF	chr7:140453132	c.1803A>C	p.K601N	COSM1132
BRAF	chr7:140453132	c.1803A>T	p.K601N	COSM6265
CDK4	chr12:58145437	c.64A>C	p.K22Q	OM3153
CDK4	chr12:58145436	c.65A>G	p.K22R	COSM232013
CDK4	chr12:58145436	c.65A>T	p.K22M	COSM3463915
CDK4	chr12:58145431	c.70C>A	p.R24S	COSM3463914
CDK4	chr12:58145431	c.70C>T	p.R24C	COSM1677139
CDK4	chr12:58145430	c.71G>A	p.R24H	COSM1989836
CDK4	chr12:58145430	c.71G>T	p.R24L	COSM363684
CDKN2A	chr9:21971186	c.172C>T	p.R58*	COSM12473
CDKN2A	chr9:21971185	c.173G>A	p.R58Q	COSM13724
CHEK2	chr22:29091840	c.1116_1117delCAinsTG	p.[S372=;K373E]	COSM1294063
CHEK2	chr22:29091840	c.1117A>G	p.K373E	COSM42871
CHEK2	chr22:29091816	c.1141A>G	p.M381V	COSM1559601
CHEK2	chr22:29083949	c.1568G>A	p.R523H	COSM1559596

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
CHEK2	chr22:29083949	c.1568G>C	p.R523P	COSM1559595
CTNNB1	chr3:41266103	c.100_101delGGinsAT	p.G34I	COSM1666841
CTNNB1	chr3:41268765	c.1003A>C	p.K335Q	COSM4421324
CTNNB1	chr3:41268766	c.1004A>C	p.K335T	COSM1725761
CTNNB1	chr3:41268766	c.1004A>G	p.K335R	COSM5945941
CTNNB1	chr3:41268766	c.1004A>T	p.K335I	COSM17797
CTNNB1	chr3:41266103	c.100G>A	p.G34R	COSM5686
CTNNB1	chr3:41266103	c.100G>C	p.G34R	COSM5684
CTNNB1	chr3:41266104	c.101G>A	p.G34E	COSM5671
CTNNB1	chr3:41266104	c.101G>C	p.G34A	COSM5988492
CTNNB1	chr3:41266104	c.101G>T	p.G34V	COSM5670
CTNNB1	chr3:41266106	c.103A>G	p.I35V	COSM1566774
CTNNB1	chr3:41266107	c.104_105delTCinsAA	p.I35K	COSM28727
CTNNB1	chr3:41266107	c.104T>A	p.I35N	COSM5695
CTNNB1	chr3:41266107	c.104T>C	p.I35T	COSM13168
CTNNB1	chr3:41266107	c.104T>G	p.I35S	COSM5674
CTNNB1	chr3:41266108	c.105C>G	p.I35M	COSM28711
CTNNB1	chr3:41266109	c.106C>T	p.H36Y	COSM5703
CTNNB1	chr3:41266110	c.107A>C	p.H36P	COSM5678
CTNNB1	chr3:41266110	c.107A>G	p.H36R	COSM27378
CTNNB1	chr3:41266112	c.109T>A	p.S37T	COSM5729
CTNNB1	chr3:41266112	c.109T>C	p.S37P	COSM5687
CTNNB1	chr3:41266112	c.109T>G	p.S37A	COSM5675
CTNNB1	chr3:41266113	c.110C>A	p.S37Y	COSM5666
CTNNB1	chr3:41266113	c.110C>G	p.S37C	COSM5679
CTNNB1	chr3:41266113	c.110C>T	p.S37F	COSM5662
CTNNB1	chr3:41266124	c.121A>C	p.T41P	COSM5688
CTNNB1	chr3:41266124	c.121A>G	p.T41A	COSM5664
CTNNB1	chr3:41266124	c.121A>T	p.T41S	COSM5716
CTNNB1	chr3:41266125	c.122C>A	p.T41N	COSM5730
CTNNB1	chr3:41266125	c.122C>G	p.T41S	COSM5701
CTNNB1	chr3:41266125	c.122C>T	p.T41I	COSM5676
CTNNB1	chr3:41266133	c.130C>G	p.P44A	COSM17661

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
CTNNB1	chr3:41266133	c.130C>T	p.P44S	COSM5704
CTNNB1	chr3:41266134	c.131C>T	p.P44L	COSM5761
CTNNB1	chr3:41266133	c.133_135delTCT	p.S45del	COSM6128
CTNNB1	chr3:41266136	c.133_136delTCTCinsGAGT	p.[S45E;L46=]	COSM86011
CTNNB1	chr3:41266135	c.133_138delTCTCTG	p.L46_S47del	COSM6129
CTNNB1	chr3:41266134	c.133_141delTCTCTGAGT	p.S45_S47del	COSM1617582
CTNNB1	chr3:41266134	c.133_144delTCTCTGAGTGGT	p.S45_G48del	COSM5992
CTNNB1	chr3:41266136	c.133T>A	p.S45T	COSM5719
CTNNB1	chr3:41266136	c.133T>C	p.S45P	COSM5663
CTNNB1	chr3:41266136	c.133T>G	p.S45A	COSM5685
CTNNB1	chr3:41266136	c.134_136delCTC	p.S45del	COSM6131
CTNNB1	chr3:41266136	c.134_139delCTCTGA	p.S45_S47delinsC	COSM28708
CTNNB1	chr3:41266136	c.134C>A	p.S45Y	COSM5692
CTNNB1	chr3:41266137	c.134C>G	p.S45C	COSM5689
CTNNB1	chr3:41266137	c.134C>T	p.S45F	COSM5667
CTNNB1	chr3:41266137	c.136_141delCTGAGT	p.L46_S47del	COSM6132
CTNNB1	chr3:41266097	c.94G>A	p.D32N	COSM5672
CTNNB1	chr3:41266097	c.94G>C	p.D32H	COSM5668
CTNNB1	chr3:41266097	c.94G>T	p.D32Y	COSM5661
CTNNB1	chr3:41266098	c.95A>C	p.D32A	COSM5690
CTNNB1	chr3:41266098	c.95A>G	p.D32G	COSM5681
CTNNB1	chr3:41266098	c.95A>T	p.D32V	COSM5691
CTNNB1	chr3:41266099	c.96C>A	p.D32E	COSM5766
CTNNB1	chr3:41266099	c.96C>G	p.D32E	COSM22939
CTNNB1	chr3:41266100	c.97_98delTCinsAA	p.S33N	COSM6099
CTNNB1	chr3:41266100	c.97_98delTCinsCT	p.S33L	COSM6098
CTNNB1	chr3:41266100	c.97T>A	p.S33T	COSM27311
CTNNB1	chr3:41266100	c.97T>C	p.S33P	COSM5682
CTNNB1	chr3:41266100	c.97T>G	p.S33A	COSM5683
CTNNB1	chr3:41266101	c.98C>A	p.S33Y	COSM5673
CTNNB1	chr3:41266101	c.98C>G	p.S33C	COSM5677
CTNNB1	chr3:41266101	c.98C>T	p.S33F	COSM5669
EGFR	chr7:55227884	c.1351C>T	p.R451C	COSM3266583

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
EGFR	chr7:55227924	c.1391C>T	p.S464L	BT126
EGFR	chr7:55227926	c.1393G>A	p.G465R	COSM601581
EGFR	chr7:55227927	c.1394G>A	p.G465E	BT129
EGFR	chr7:55227933	c.1400A>C	p.K467T	BT132
EGFR	chr7:55228006	c.1473A>G	p.I491M	BT135
EGFR	chr7:55228007	c.1474A>C	p.S492R	COSM236671
EGFR	chr7:55228009	c.1476C>A	p.S492R	COSM236670
EGFR	chr7:55233043	c.1793G>C	p.G598A	COSM3412196
EGFR	chr7:55233043	c.1793G>T	p.G598V	COSM21690
EGFR	chr7:55241677	c.2125_2127delGAAinsCAT	p.E709H	COSM12428
EGFR	chr7:55241677	c.2125G>A	p.E709K	COSM12988
EGFR	chr7:55241677	c.2125G>C	p.E709Q	COSM116882
EGFR	chr7:55241677	c.2126_2128delAAA	p.E709_T710delinsA	COSM85796
EGFR	chr7:55241678	c.2126_2129delAAACinsG	p.E709_T710delinsG	COSM48981
EGFR	chr7:55241678	c.2126A>C	p.E709A	COSM13427
EGFR	chr7:55241678	c.2126A>G	p.E709G	COSM13009
EGFR	chr7:55241678	c.2126A>T	p.E709V	COSM12371
EGFR	chr7:55241678	c.2127_2129delAAC	p.E709_T710delinsD	COSM51525
EGFR	chr7:55241704	c.2152C>A	p.L718M	COSM1716255
EGFR	chr7:55241704	c.2152C>G	p.L718V	OM3316
EGFR	chr7:55241705	c.2153T>A	p.L718Q	COSM6503269
EGFR	chr7:55241706	c.2154_2155delGGinsTT	p.[L718=;G719C]	COSM18441
EGFR	chr7:55241707	c.2155G>A	p.G719S	COSM6252
EGFR	chr7:55241707	c.2155G>T	p.G719C	COSM6253
EGFR	chr7:55241708	c.2156G>A	p.G719D	COSM18425
EGFR	chr7:55241708	c.2156G>C	p.G719A	COSM6239
EGFR	chr7:55241710	c.2158_2159delTCinsAT	p.S720I	OM3317
EGFR	chr7:55241710	c.2158T>C	p.S720P	COSM88729
EGFR	chr7:55241713	c.2161G>A	p.G721S	COSM22992
EGFR	chr7:55241713	c.2161G>C	p.G721R	OM3325
EGFR	chr7:55241714	c.2162G>A	p.G721D	COSM22993
EGFR	chr7:55241722	c.2170G>A	p.G724S	COSM13979

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
EGFR	chr7:55242458	c.2230_2246delATCAAGGAATTAAGAGAinsCTTAAGAG	p.I744_E749delinsLKR	COSM133186
EGFR	chr7:55242459	c.2230_2249delATCAAGGAATTAAGAGAAGCinsGTCAA	p.I744_A750delinsVK	COSM85798
EGFR	chr7:55242442	c.2231_2232insTAAAATTCCCGTCGCTAT	p.I740_K745dup	COSM12423
EGFR	chr7:55242461	c.2231T>C	p.I744T	COSM87245
EGFR	chr7:55242461	c.2232_2249delCAAGGAATTAAGAGAAGC	p.K745_A750del	COSM221565
EGFR	chr7:55242462	c.2232_2249delCAAGGAATTAAGAGAAGCinsAAA	p.E746_A750del	COSM3734668
EGFR	chr7:55242462	c.2233_2247delAAGGAATTAAGAGAA	p.K745_E749del	COSM26038
EGFR	chr7:55242449	c.2234_2235insAACTCCCGTCGCTATCAA	p.K745_E746insTPVAIK	COSM255152
EGFR	chr7:55242444	c.2234_2235insAATTCCCGTCGCTATCAA	p.I740_K745dup	COSM51504
EGFR	chr7:55242463	c.2234_2248delAGGAATTAAGAGAAG	p.K745_A750delinsT	COSM1190791
EGFR	chr7:55242463	c.2235_2237delGGA	p.E746del	COSM18420
EGFR	chr7:55242464	c.2235_2240delGGAATTinsAATTCC	p.[K745=;E746I;L747P]	OM3355
EGFR	chr7:55242463	c.2235_2246delGGAATTAAGAGA	p.E746_E749del	COSM28517
EGFR	chr7:55242465	c.2235_2248delGGAATTAAGAGAAGinsAATTC	p.E746_A750delinsIP	COSM13550
EGFR	chr7:55242464	c.2235_2249delGGAATTAAGAGAAGC	p.E746_A750del	COSM6223
EGFR	chr7:55242465	c.2235_2251delGGAATTAAGAGAAGCAAinsAATTC	p.E746_T751delinsIP	COSM13552
EGFR	chr7:55242465	c.2235_2251delGGAATTAAGAGAAGCAAinsAG	p.E746_T751delinsA	COSM13549
EGFR	chr7:55242465	c.2235_2251delGGAATTAAGAGAAGCAAinsATTCCCGT	p.E746_T751delinsFPS	COSM6506513
EGFR	chr7:55242464	c.2235_2252delGGAATTAAGAGAAGCAAC	p.E746_T751del	COSM24869
EGFR	chr7:55242465	c.2235_2252delGGAATTAAGAGAAGCAACinsAAT	p.E746_T751delinsI	COSM13551
EGFR	chr7:55242465	c.2235_2255delGGAATTAAGAGAAGCAACATCinsAAT	p.E746_S752delinsI	COSM12385
EGFR	chr7:55242448	c.2236_2237insTTCCCGTCGCTATCAAGG	p.K745_E746insVPVAIK	COSM26444
EGFR	chr7:55242466	c.2236_2248delGAATTAAGAGAAGinsAGAC	p.E746_A750delinsRP	COSM12413
EGFR	chr7:55242466	c.2236_2248delGAATTAAGAGAAGinsATTC	p.E746_A750delinsIP	COSM6966471
EGFR	chr7:55242466	c.2236_2248delGAATTAAGAGAAGinsCAAC	p.E746_A750delinsQP	COSM13557
EGFR	chr7:55242465	c.2236_2250delGAATTAAGAGAAGCA	p.E746_A750del	COSM6225
EGFR	chr7:55242466	c.2236_2250delGAATTAAGAGAAGCAinsCCT	p.E746_A750delinsP	COSM6947327
EGFR	chr7:55242466	c.2236_2251delGAATTAAGAGAAGCAAinsT	p.E746_T751delinsS	COSM26513
EGFR	chr7:55242466	c.2236_2252delGAATTAAGAGAAGCAACinsAT	p.E746_T751delinsI	COSM26680
EGFR	chr7:55242466	c.2236_2252delGAATTAAGAGAAGCAACinsCA	p.E746_T751delinsQ	COSM22999
EGFR	chr7:55242466	c.2236_2252delGAATTAAGAGAAGCAACinsCT	p.E746_T751delinsL	COSM51502

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
EGFR	chr7:55242465	c.2236_2253delGAATTAAGAGAAGCAACA	p.E746_T751del	COSM12728
EGFR	chr7:55242466	c.2236_2253delGAATTAAGAGAAGCAACAinsATG	p.E746_T751delinsM	OMINDEL716
EGFR	chr7:55242466	c.2236_2253delGAATTAAGAGAAGCAACAinsATTCCT	p.E746_T751delinsIP	COSM51526
EGFR	chr7:55242466	c.2236_2255delGAATTAAGAGAAGCAACATCinsAT	p.E746_S752delinsI	COSM133188
EGFR	chr7:55242465	c.2236_2256delGAATTAAGAGAAGCAACATCT	p.E746_S752del	COSM133189
EGFR	chr7:55242466	c.2236_2256delGAATTAAGAGAAGCAACATCTinsATC	p.E746_S752delinsI	COSM133190
EGFR	chr7:55242466	c.2236_2257delGAATTAAGAGAAGCAACATCTCinsATCT	p.E746_P753delinsIS	COSM133191
EGFR	chr7:55242466	c.2236_2257delGAATTAAGAGAAGCAACATCTCinsCTCT	p.E746_P753delinsLS	COSM13200
EGFR	chr7:55242464	c.2236_2259delGAATTAAGAGAAGCAACATCTCCG	p.E746_P753del	OMINDEL950
EGFR	chr7:55242467	c.2237_2248delAATTAAGAGAAGinsCAC	p.E746_A750delinsAP	COSM144207
EGFR	chr7:55242467	c.2237_2250delAATTAAGAGAAGCAinsTCCCT	p.E746_A750delinsVP	COSM28623
EGFR	chr7:55242466	c.2237_2251delAATTAAGAGAAGCAA	p.E746_T751delinsA	COSM12678
EGFR	chr7:55242467	c.2237_2251delAATTAAGAGAAGCAAinsCACCAT	p.E746_T751delinsAPS	COSM6924852
EGFR	chr7:55242467	c.2237_2251delAATTAAGAGAAGCAAinsTCC	p.E746_T751delinsVP	COSM6968288
EGFR	chr7:55242467	c.2237_2251delAATTAAGAGAAGCAAinsTGG	p.E746_T751delinsVA	COSM53205
EGFR	chr7:55242467	c.2237_2251delAATTAAGAGAAGCAAinsTTC	p.E746_T751delinsVP	COSM18421
EGFR	chr7:55242467	c.2237_2251delAATTAAGAGAAGCAAinsTTT	p.E746_T751delinsVS	COSM6980200
EGFR	chr7:55242467	c.2237_2252delAATTAAGAGAAGCAACinsT	p.E746_T751delinsV	COSM12386
EGFR	chr7:55242467	c.2237_2253delAATTAAGAGAAGCAACAinsTC	p.E746_T751delinsV	COSM133193
EGFR	chr7:55242467	c.2237_2253delAATTAAGAGAAGCAACAinsTTCCT	p.E746_T751delinsVP	COSM52935
EGFR	chr7:55242467	c.2237_2253delAATTAAGAGAAGCAACAinsTTGCT	p.E746_T751delinsVA	COSM12416
EGFR	chr7:55242466	c.2237_2254delAATTAAGAGAAGCAACAT	p.E746_S752delinsA	COSM12367
EGFR	chr7:55242467	c.2237_2255delAATTAAGAGAAGCAACATCinsT	p.E746_S752delinsV	COSM12384
EGFR	chr7:55242467	c.2237_2256delAATTAAGAGAAGCAACATCTinsTC	p.E746_S752delinsV	COSM18426
EGFR	chr7:55242467	c.2237_2256delAATTAAGAGAAGCAACATCTinsTG	p.E746_S752delinsV	COSM674057
EGFR	chr7:55242467	c.2237_2257delAATTAAGAGAAGCAACATCTCinsTCT	p.E746_P753delinsVS	COSM18427
EGFR	chr7:55242467	c.2237_2258delAATTAAGAGAAGCAACATCTCCinsTTCA	p.E746_P753delinsVQ	COSM51524
EGFR	chr7:55242467	c.2237A>G	p.E746G	COSM6849765
EGFR	chr7:55242468	c.2238_2248delATTAAGAGAAGinsGC	p.L747_A750delinsP	COSM12422
EGFR	chr7:55242468	c.2238_2248delATTAAGAGAAGinsTC	p.E746_A750delinsDP	COSM18428
EGFR	chr7:55242468	c.2238_2250delATTAAGAGAAGCAinsC	p.E746_A750delinsD	COSM6974307

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
EGFR	chr7:55242468	c.2238_2251delATTAAGAGAAGCAAinsGC	p.L747_T751delinsP	COSM22944
EGFR	chr7:55242468	c.2238_2252delATTAAGAGAAGCAACinsGCA	p.L747_T751delinsQ	COSM12419
EGFR	chr7:55242467	c.2238_2255delATTAAGAGAAGCAACATC	p.E746_S752delinsD	COSM6220
EGFR	chr7:55242468	c.2238_2255delATTAAGAGAAGCAACATCinsGCAACA	p.L747_S752delinsQH	COSM12421
EGFR	chr7:55242468	c.2238_2256delATTAAGAGAAGCAACATCTinsGCAA	p.L747_S752delinsQ	COSM26441
EGFR	chr7:55242468	c.2238_2257delATTAAGAGAAGCAACATCTCinsCA	p.E746_P753delinsDT	COSM5340693
EGFR	chr7:55242467	c.2238_2258delATTAAGAGAAGCAACATCTCC	p.L747_P753del	COSM255211
EGFR	chr7:55242469	c.2239_2240delTTinsCC	p.L747P	COSM24267
EGFR	chr7:55242465	c.2239_2247delTTAAGAGAA	p.L747_E749del	COSM6218
EGFR	chr7:55242469	c.2239_2248delTTAAGAGAAGinsC	p.L747_A750delinsP	COSM12382
EGFR	chr7:55242467	c.2239_2250delTTAAGAGAAGCA	p.L747_A750del	COSM9179903
EGFR	chr7:55242469	c.2239_2250delTTAAGAGAAGCAinsCCG	p.L747_A750delinsP	COSM4170220
EGFR	chr7:55242469	c.2239_2251delTTAAGAGAAGCAAinsC	p.L747_T751delinsP	COSM12383
EGFR	chr7:55242469	c.2239_2252delTTAAGAGAAGCAACinsCA	p.L747_T751delinsQ	COSM12420
EGFR	chr7:55242469	c.2239_2253delTTAAGAGAAGCAACAinsAAT	p.L747_T751delinsN	COSM51503
EGFR	chr7:55242469	c.2239_2253delTTAAGAGAAGCAACAinsCCAACG	p.L747_A750delinsP	COSM1235296
EGFR	chr7:55242469	c.2239_2253delTTAAGAGAAGCAACAinsGCT	p.L747_T751delinsA	COSM23572
EGFR	chr7:55242469	c.2239_2255delTTAAGAGAAGCAACATCinsCAACA	p.L747_S752delinsQH	COSM133196
EGFR	chr7:55242468	c.2239_2256delTTAAGAGAAGCAACATCT	p.L747_S752del	COSM6255
EGFR	chr7:55242469	c.2239_2256delTTAAGAGAAGCAACATCTinsCAA	p.L747_S752delinsQ	COSM12403
EGFR	chr7:55242469	c.2239_2258delTTAAGAGAAGCAACATCTCCinsCA	p.L747_P753delinsQ	COSM12387
EGFR	chr7:55242469	c.2239_2259delTTAAGAGAAGCAACATCTCCGinsCAA	p.L747_P753delinsQ	COSM51501
EGFR	chr7:55242469	c.2239_2261delTTAAGAGAAGCAACATCTCCGAAinsGCCAACAAGGG	p.L747_K754delinsANKG	COSM1667023
EGFR	chr7:55242466	c.2239_2262delTTAAGAGAAGCAACATCTCCGAAA	p.L747_K754del	COSM24970
EGFR	chr7:55242469	c.2239_2264delTTAAGAGAAGCAACATCTCCGAAAGCinsGCCAA	p.L747_A755delinsAN	COSM85891
EGFR	chr7:55242469	c.2239T>G	p.L747V	OM3537
EGFR	chr7:55242469	c.2240_2248delTAAGAGAAG	p.L747_A750delinsS	COSM4170221
EGFR	chr7:55242469	c.2240_2251delTAAGAGAAGCAA	p.L747_T751delinsS	COSM6210
EGFR	chr7:55242467	c.2240_2254delTAAGAGAAGCAACAT	p.L747_T751del	COSM12369
EGFR	chr7:55242469	c.2240_2257delTAAGAGAAGCAACATCTC	p.L747_P753delinsS	COSM12370
EGFR	chr7:55242470	c.2240_2261delTAAGAGAAGCAACATCTCCGAAinsCGAC	p.L747_K754delinsST	COSM20883

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
EGFR	chr7:55242470	c.2240_2263delTAAGAGAAGCAACATCTCCGAAAGinsCGATGT	p.L747_A755delinsSMS	COSM6933365
EGFR	chr7:55242470	c.2240_2264delTAAGAGAAGCAACATCTCCGAAAGCinsCGAAAGG	p.L747_A755delinsSKG	COSM1667026
EGFR	chr7:55242469	c.2240T>C	p.L747S	COSM26704
EGFR	chr7:55242470	c.2241_2253delAAGAGAAGCAACAinsC	p.L747_T751delinsF	OMINDEL951
EGFR	chr7:55242478	c.2248_2273delGCAACATCTCCGAAAGCCAACAAGGAinsCC	p.A750_E758delinsP	COSM26440
EGFR	chr7:55242478	c.2248_2276delGCAACATCTCCGAAAGCCAACAAGGAAATinsCCAAC	p.A750_I759delinsPT	COSM5023004
EGFR	chr7:55242469	c.2248G>C	p.A750P	COSM6219
EGFR	chr7:55242479	c.2249_2277delCAACATCTCCGAAAGCCAACAAGGAAATCinsGAAGT	p.A750_I759delinsGS	COSM5023005
EGFR	chr7:55242475	c.2250_2264delAACATCTCCGAAAGC	p.T751_A755del	COSM26718
EGFR	chr7:55242480	c.2250_2276delAACATCTCCGAAAGCCAACAAGGAAATinsCAA	p.T751_I759delinsN	COSM1667024
EGFR	chr7:55242481	c.2251_2276delACATCTCCGAAAGCCAACAAGGAAATinsTC	p.T751_I759delinsS	COSM133200
EGFR	chr7:55242481	c.2251_2277delACATCTCCGAAAGCCAACAAGGAAATCinsTCT	p.T751_I759delinsS	COSM22945
EGFR	chr7:55242479	c.2252_2275delCATCTCCGAAAGCCAACAAGGAAA	p.T751_E758del	COSM133207
EGFR	chr7:55242482	c.2252_2276delCATCTCCGAAAGCCAACAAGGAAATinsA	p.T751_I759delinsN	COSM96856
EGFR	chr7:55242482	c.2252_2276delCATCTCCGAAAGCCAACAAGGAAATinsG	p.T751_I759delinsS	COSM1667027
EGFR	chr7:55242482	c.2252_2277delCATCTCCGAAAGCCAACAAGGAAATCinsAT	p.T751_I759delinsN	COSM24270
EGFR	chr7:55242482	c.2252_2277delCATCTCCGAAAGCCAACAAGGAAATCinsGAGAAGCG	p.T751_I759delinsREA	COSM22956
EGFR	chr7:55242482	c.2253_2276delATCTCCGAAAGCCAACAAGGAAAT	p.S752_I759del	COSM13556
EGFR	chr7:55242483	c.2254_2277delTCTCCGAAAGCCAACAAGGAAATC	p.S752_I759del	COSM6256
EGFR	chr7:55242486	c.2258_2278delCGAAAGCCAACAAGGAAATCC	p.P753_I759del	COSM24269
EGFR	chr7:55242489	c.2260_2277delAAAGCCAACAAGGAAATC	p.K754_I759del	COSM5271797
EGFR	chr7:55242500	c.2270A>G	p.K757R	COSM133588
EGFR	chr7:55248980	c.2284-6_2284-5insTCCAGGAAGCCT	p.?	COSM26720
EGFR	chr7:55248977	c.2284-9_2284-8insCCCTCCAGGAAG	p.?	OMINDEL1050
EGFR	chr7:55248992	c.2292_2293insCACCAC	p.Y764_V765insHH	OMINDEL1051
EGFR	chr7:55249003	c.2301_2302insTACGTGATG	p.A767_S768insYVM	COSM1651740

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
EGFR	chr7:55248998	c.2302_2303insCGCTGGCCA	p.A767_S768insTLA	COSM12425
EGFR	chr7:55249000	c.2302_2303insTAGCCA	p.A767_S768insIA	COSM13559
EGFR	chr7:55249004	c.2302A>G	p.S768G	COSM1451595
EGFR	chr7:55249005	c.2303_2304insGAGGGGCCA	p.S768delinsRRGH	OMINDEL1059
EGFR	chr7:55249005	c.2303_2304insTGTGGCCAA	p.V769_D770insANV	COSM1651741
EGFR	chr7:55248998	c.2303_2304insTGTGGCCAG	p.A767_V769dup	COSM20884
EGFR	chr7:55249005	c.2303_2305delGCGinsTCC	p.[S768I;V769L]	COSM6984779
EGFR	chr7:55249005	c.2303_2305delGCGinsTCT	p.[S768I;V769L]	COSM85750
EGFR	chr7:55249005	c.2303_2305delGCGinsTTT	p.[S768I;V769L]	OMINDEL1181
EGFR	chr7:55249005	c.2303_2306delGCGTinsTCAGCTG	p.S768_V769delinsISW	OMINDEL1058
EGFR	chr7:55249005	c.2303G>A	p.S768N	COSM12989
EGFR	chr7:55249005	c.2303G>C	p.S768T	COSM291998
EGFR	chr7:55249005	c.2303G>T	p.S768I	COSM6241
EGFR	chr7:55249007	c.2305G>A	p.V769M	COSM13425
EGFR	chr7:55249007	c.2305G>T	p.V769L	COSM6242
EGFR	chr7:55249007	c.2306_2307insCAT	p.V769_D770insM	OMINDEL1062
EGFR	chr7:55249008	c.2306_2307insCCC	p.V769_D770insP	OMINDEL1072
EGFR	chr7:55249000	c.2306_2307insTGCCAGCGT	p.A767_V769dup	A767_V769dup
EGFR	chr7:55249008	c.2306_2309delTGGAinsGGAT	p.[V769G;D770I]	OM3540
EGFR	chr7:55249001	c.2307_2308insACCAGCGTG	p.V769_D770insTSV	OMINDEL1055
EGFR	chr7:55249007	c.2307_2308insAGCACCCTG	p.V769_D770insSTL	OMINDEL1066
EGFR	chr7:55249007	c.2307_2308insATG	p.V769_D770insM	OMINDEL1063
EGFR	chr7:55249009	c.2307_2308insATGGCCAGCGTGGAC	p.V769_D770insMASVD	COSM28638
EGFR	chr7:55249009	c.2307_2308insCCC	p.V769_D770insP	OMINDEL1076
EGFR	chr7:55249008	c.2307_2308insCCG	p.V769_D770insP	OMINDEL1073
EGFR	chr7:55249002	c.2307_2308insCGCAGCGTG	p.V769_D770insRSV	OMINDEL952
EGFR	chr7:55249007	c.2307_2308insTCCACCCTG	p.V769_D770insSTL	OMINDEL1065
EGFR	chr7:55249007	c.2307_2308insTCCACCTTG	p.V769_D770insSTL	OMINDEL1064
EGFR	chr7:55249001	c.2307_2308insTCCAGCGTG	p.V769_D770insSSV	OMINDEL1054
EGFR	chr7:55249004	c.2307_2308insTGCGTG	p.V769_D770insCV	COSM12379
EGFR	chr7:55249010	c.2308_2308delGinsAACAACA	p.D770delinsNNN	OMINDEL1077
EGFR	chr7:55249010	c.2308_2308delGinsAACAACCCCC	p.D770delinsNNPH	OMINDEL1078
EGFR	chr7:55249010	c.2308_2309insCCAGCGTGC	p.D770delinsASVH	OMINDEL1080

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
EGFR	chr7:55248998	c.2308_2309insCCAGCGTGG	p.A767_V769dup	COSM12376
EGFR	chr7:55249009	c.2308_2309insCCAGCGTTG	p.A767_V769dup	MATNV03
EGFR	chr7:55249010	c.2308_2309insGCACAC	p.D770delinsGTH	COSM6983510
EGFR	chr7:55249007	c.2308_2309insGCACCATGG	p.V769_D770insGTM	OMINDEL1061
EGFR	chr7:55249009	c.2308_2309insGCACCCGCG	p.V769_D770insGTR	OMINDEL1075
EGFR	chr7:55249008	c.2308_2309insGCACCCGGG	p.V769_D770insGTR	OMINDEL1071
EGFR	chr7:55249005	c.2308_2309insGCACCGTGG	p.V769_D770insGTV	OMINDEL1060
EGFR	chr7:55249002	c.2308_2309insGCAGCGTGG	p.V769_D770insGSV	COSM18429
EGFR	chr7:55249008	c.2308_2309insGCCAGG	p.V769_D770insGQ	OMINDEL1070
EGFR	chr7:55249008	c.2308_2309insGCGAGG	p.V769_D770insGE	OMINDEL1069
EGFR	chr7:55248999	c.2308_2309insGCGGGACGGCCAGCGTGG	p.V769_D770insGGTASV	OMINDEL1052
EGFR	chr7:55249003	c.2308_2309insGGAGCGTGG	p.V769_D770insGSV	COSM1235344
EGFR	chr7:55249008	c.2308_2309insGGGGGG	p.V769_D770insGG	MATNV07
EGFR	chr7:55249005	c.2308_2309insGGGTCGTGG	p.V769_D770insGVV	COSM18430
EGFR	chr7:55249010	c.2308_2309insGTT	p.D770delinsGY	COSM12427
EGFR	chr7:55249006	c.2308_2309insTGG	p.V769dup	COSM6506514
EGFR	chr7:55249010	c.2308_2311delGACAinsCACAACCCCC	p.D770_N771delinsHNPH	OMINDEL1079
EGFR	chr7:55249011	c.2309_2310delACinsCCAGCGTGGAT	p.A767_V769dup	COSM13558
EGFR	chr7:55249011	c.2309_2310delACinsGGGTT	p.D770delinsGV	D770delinsGV
EGFR	chr7:55249009	c.2309_2310insGCGTGGAGA	p.V769_D770insERG	COSM1651742
EGFR	chr7:55249011	c.2309_2310insGGG	p.D770delinsEG	OMINDEL1092
EGFR	chr7:55249011	c.2309_2310insGTT	p.D770delinsEF	OMINDEL1091
EGFR	chr7:55249011	c.2309_2311delACAinsGCC	p.[D770G;N771H]	MATNV09
EGFR	chr7:55249011	c.2309_2312delACAAinsCTGGTGG	p.D770_N771delinsAGG	COSM12737
EGFR	chr7:55249011	c.2309_2312delACAAinsGCGGCAC	p.D770_N771delinsGGT	OMINDEL1089
EGFR	chr7:55249011	c.2309_2312delACAAinsGGGGCAC	p.D770_N771delinsGGT	OMINDEL1090
EGFR	chr7:55249010	c.2310_2311insCAC	p.D770_N771insH	OMINDEL1081
EGFR	chr7:55249011	c.2310_2311insCAGCGTGGC	p.D770_N771insQRG	COSM4970107
EGFR	chr7:55249011	c.2310_2311insCCC	p.D770_N771insP	OMINDEL1096
EGFR	chr7:55249012	c.2310_2311insGCACCGTGG	p.D770_N771insAPW	COSM20886
EGFR	chr7:55249011	c.2310_2311insGCCCGCGTC	p.D770_N771insARV	OMINDEL1093
EGFR	chr7:55249011	c.2310_2311insGCCCGGGTC	p.D770_N771insARV	OMINDEL1094
EGFR	chr7:55249011	c.2310_2311insGGC	p.D770_N771insG	COSM13004

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
EGFR	chr7:55249010	c.2310_2311insGGCAACCCGCAC	p.D770_N771insGNPH	D770_N771insGNPH
EGFR	chr7:55249012	c.2310_2311insGGCACA	p.D770_N771insGT	COSM1238029
EGFR	chr7:55249009	c.2310_2311insGGCACCGAC	p.D770_N771insGTD	OMINDEL1074
EGFR	chr7:55249008	c.2310_2311insGGCACGGAC	p.D770_N771insGTD	OMINDEL1068
EGFR	chr7:55249009	c.2310_2311insGGCGAC	p.D770_N771insGD	COSM22955
EGFR	chr7:55249012	c.2310_2311insGGG	p.D770_N771insG	MATNV05
EGFR	chr7:55249012	c.2310_2311insGGGCTT	p.D770_N771insGL	OMINDEL1182
EGFR	chr7:55249008	c.2310_2311insGGGGAC	p.D770_N771insGD	COSM85795
EGFR	chr7:55249011	c.2310_2311insGGGGTC	p.D770_N771insGV	OMINDEL1095
EGFR	chr7:55249012	c.2310_2311insGGGTTA	p.D770_N771insGL	COSM48921
EGFR	chr7:55249012	c.2310_2311insGGGTTT	p.D770_N771insGF	COSM655155
EGFR	chr7:55249012	c.2310_2311insGGT	p.D770_N771insG	COSM12378
EGFR	chr7:55249011	c.2310_2311insGTGGACAGCGTGGACAACCCC	p.D770_N771insVDSVDNP	OMINDEL953
EGFR	chr7:55249010	c.2310_2311insTAC	p.D770_N771insY	COSM1238030
EGFR	chr7:55248990	c.2310_2311insTACGTGATGGCCAGCGTGGAC	p.Y764_D770dup	COSM6962256
EGFR	chr7:55249012	c.2310_2312delCAAinsGAGAGG	p.D770_N771delinsERG	MATNV06
EGFR	chr7:55249013	c.2311_2311delAinsCACC	p.N771delinsHH	OMINDEL1118
EGFR	chr7:55249013	c.2311_2311delAinsCCCC	p.N771delinsPH	MATNV04
EGFR	chr7:55249013	c.2311_2311delAinsCGCC	p.N771delinsRH	OMINDEL1121
EGFR	chr7:55249013	c.2311_2311delAinsCGCG	p.N771delinsRD	OMINDEL1120
EGFR	chr7:55249013	c.2311_2311delAinsGGCG	p.N771delinsGD	OMINDEL1119
EGFR	chr7:55249013	c.2311_2311delAinsGGTT	p.N771delinsGY	COSM53189
EGFR	chr7:55249013	c.2311_2311delAinsGTCC	p.N771delinsVH	COSM5023007
EGFR	chr7:55249013	c.2311_2312delAAinsGGGTT	p.N771delinsGF	COSM18431
EGFR	chr7:55249013	c.2311_2312insCAC	p.N771delinsTH	COSM22946
EGFR	chr7:55249011	c.2311_2312insCCA	p.D770_N771insT	COSM5023008
EGFR	chr7:55249013	c.2311_2312insGAC	p.N771delinsRH	OMINDEL1129
EGFR	chr7:55249013	c.2311_2312insGAG	p.N771delinsRD	OMINDEL1127
EGFR	chr7:55249013	c.2311_2312insGCACCC	p.N771delinsSTH	COSM6920147
EGFR	chr7:55249013	c.2311_2312insGCCCCC	p.N771delinsSPH	OMINDEL1131
EGFR	chr7:55249012	c.2311_2312insGCGTCGAAA	p.D770_N771insSVE	COSM1651743
EGFR	chr7:55249002	c.2311_2312insGCGTGGACA	p.S768_D770dup	COSM13428
EGFR	chr7:55249013	c.2311_2312insGGC	p.N771delinsRH	OMINDEL1130

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
EGFR	chr7:55249013	c.2311_2312insGGG	p.N771delinsRD	OMINDEL1128
EGFR	chr7:55249013	c.2311_2312insGTC	p.N771delinsSH	COSM24434
EGFR	chr7:55249013	c.2311_2312insGTGGCC	p.N771delinsSGH	COSM1651744
EGFR	chr7:55249011	c.2311_2312insTGGCCACCCCCA	p.D770_N771insMATP	COSM26719
EGFR	chr7:55249013	c.2311_2313delAACinsGGTTGT	p.N771delinsGC	OMINDEL904
EGFR	chr7:55249014	c.2312_2312delAinsGCGTGGACAG	p.N771delinsSVDS	OMINDEL1140
EGFR	chr7:55249013	c.2312_2313insACA	p.N771delinsKH	OMINDEL1123
EGFR	chr7:55249010	c.2312_2313insACACAA	p.D770_N771insKH	D770_N771insKH_1
EGFR	chr7:55249014	c.2312_2313insACCCCC	p.N771delinsKPP	OMINDEL955
EGFR	chr7:55249013	c.2312_2313insACCCCCCCA	p.N771delinsKPPH	OMINDEL1125
EGFR	chr7:55249014	c.2312_2313insACT	p.N771delinsKL	COSM6438147
EGFR	chr7:55249014	c.2312_2313insAGG	p.N771delinsKG	OMINDEL1141
EGFR	chr7:55249013	c.2312_2313insGCA	p.N771delinsKH	OMINDEL1124
EGFR	chr7:55249010	c.2312_2313insGCACAA	p.D770_N771insKH	D770_N771insKH_2
EGFR	chr7:55249013	c.2312_2313insGCCCCCCCA	p.N771delinsKPPH	OMINDEL1126
EGFR	chr7:55249008	c.2312_2313insGGACAA	p.D770_N771insKD	OMINDEL1067
EGFR	chr7:55249014	c.2312_2313insGGG	p.N771delinsKG	OMINDEL1142
EGFR	chr7:55249014	c.2312_2315delACCCinsGCGTGGACAACCG	p.N771_P772delinsSVDNR	COSM13554
EGFR	chr7:55249011	c.2312A>C	p.N771T	OM3174
EGFR	chr7:55249015	c.2313_2313delCinsGGGG	p.N771delinsKG	OMINDEL1147
EGFR	chr7:55249010	c.2313_2314insAAC	p.N771dup	COSM13003
EGFR	chr7:55249010	c.2313_2314insAACAAC	p.N771_P772insNN	OMINDEL1085
EGFR	chr7:55249015	c.2313_2314insACA	p.N771_P772insT	OMINDEL1148
EGFR	chr7:55249014	c.2313_2314insACC	p.N771_P772insT	OMINDEL1138
EGFR	chr7:55249010	c.2313_2314insACCCACAAC	p.N771_P772insTHN	OMINDEL1086
EGFR	chr7:55249002	c.2313_2314insAGCGTGGACAAC	p.S768_N771dup	S768_N771dup
EGFR	chr7:55249014	c.2313_2314insGGC	p.N771_P772insG	OMINDEL1143
EGFR	chr7:55249014	c.2313_2314insGTC	p.N771_P772insV	COSM6922328
EGFR	chr7:55249005	c.2313_2314insGTGGACAAC	p.V769_N771dup	COSM20885
EGFR	chr7:55249015	c.2313_2314insTTG	p.N771_P772insL	OMINDEL1149
EGFR	chr7:55249010	c.2314_2315insACAACC	p.N771_P772insHN	OMINDEL1084
EGFR	chr7:55249013	c.2314_2315insACC	p.N771_P772insH	COSM1238031
EGFR	chr7:55249013	c.2314_2315insACCACC	p.N771_P772insHH	COSM6931207

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
EGFR	chr7:55249013	c.2314_2315insGGCACC	p.N771_P772insRH	COSM166390
EGFR	chr7:55249014	c.2314_2315insTCC	p.N771_P772insL	OMINDEL1139
EGFR	chr7:55249017	c.2315_2315delCinsACCG	p.P772delinsHR	OMINDEL1153
EGFR	chr7:55249013	c.2315_2316insAGGCGACCC	p.P772_H773insGDP	OMINDEL954
EGFR	chr7:55249014	c.2315_2316insGACAACCCC	p.P772_H773insTTP	OMINDEL1183
EGFR	chr7:55249013	c.2315_2316insGACACACCC	p.P772_H773insTHP	COSM48923
EGFR	chr7:55249014	c.2315_2316insGACCACCCC	p.P772_H773insTTP	OMINDEL1146
EGFR	chr7:55249011	c.2315_2316insGAGCAACCC	p.P772_H773insSNP	OMINDEL1105
EGFR	chr7:55249008	c.2315_2316insGGACAACCC	p.D770_P772dup	COSM6845099
EGFR	chr7:55249011	c.2315_2316insGGCCAACCC	p.P772_H773insANP	OMINDEL1099
EGFR	chr7:55249011	c.2315_2316insGGGCAACCC	p.P772_H773insGNP	OMINDEL1100
EGFR	chr7:55249013	c.2315_2316insGGGCCACCC	p.P772_H773insGHP	OMINDEL1135
EGFR	chr7:55249013	c.2315_2316insGGGCGACCC	p.P772_H773insGDP	OMINDEL1133
EGFR	chr7:55249010	c.2315_2316insGTACAACCC	p.P772_H773insYNP	OMINDEL1083
EGFR	chr7:55249011	c.2315_2316insGTCCAACCC	p.P772_H773insSNP	OMINDEL1104
EGFR	chr7:55249018	c.2316_2316delCinsAACCCCT	p.P772_H773insTP	COSM12388
EGFR	chr7:55249018	c.2316_2316delCinsTCACCCTCACCCT	p.H773_V774insPHPH	H773_V774insPHPH
EGFR	chr7:55249011	c.2316_2317insAACCCC	p.N771_P772dup	MAN123
EGFR	chr7:55249011	c.2316_2317insAACCCCAACCCC	p.P772_H773insNPNP	OMINDEL1101
EGFR	chr7:55249012	c.2316_2317insAACCCGAACCCC	p.P772_H773insNPNP	OMINDEL1113
EGFR	chr7:55249011	c.2316_2317insACACCCAACCCC	p.P772_H773insTPNP	COSM6977296
EGFR	chr7:55249016	c.2316_2317insACC	p.P772_H773insT	OMINDEL1152
EGFR	chr7:55249014	c.2316_2317insACCACCCCC	p.P772_H773insTTP	OMINDEL1145
EGFR	chr7:55249012	c.2316_2317insACCAGGAACCCC	p.P772_H773insTRNP	OMINDEL1116
EGFR	chr7:55249011	c.2316_2317insACCCCCAACCCC	p.P772_H773insTPNP	OMINDEL1107
EGFR	chr7:55249012	c.2316_2317insACCCCGAACCCC	p.P772_H773insTPNP	OMINDEL1114
EGFR	chr7:55249011	c.2316_2317insACCCGCAACCCC	p.P772_H773insTRNP	OMINDEL1108
EGFR	chr7:55249012	c.2316_2317insACCCGGAACCCC	p.P772_H773insTRNP	OMINDEL1115
EGFR	chr7:55249011	c.2316_2317insACGCCCAACCCC	p.P772_H773insTPNP	OMINDEL1106
EGFR	chr7:55249011	c.2316_2317insACGCGCAACCCC	p.P772_H773insTRNP	OMINDEL1109
EGFR	chr7:55249011	c.2316_2317insAGCAACCCC	p.P772_H773insSNP	OMINDEL1103
EGFR	chr7:55249001	c.2316_2317insAGCGTGGACAACCCC	p.S768_P772dup	OMINDEL1053
EGFR	chr7:55249009	c.2316_2317insGACAACCCC	p.D770_P772dup	COSM1651745

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
EGFR	chr7:55249011	c.2316_2317insGCCAACCCC	p.P772_H773insANP	OMINDEL1098
EGFR	chr7:55249012	c.2316_2317insGGAAACCCC	p.P772_H773insGNP	OMINDEL1111
EGFR	chr7:55249011	c.2316_2317insGGCAACCCC	p.P772_H773insGNP	OMINDEL1088
EGFR	chr7:55249016	c.2316_2317insGGCACC	p.P772_H773insGT	MATNV02
EGFR	chr7:55249013	c.2316_2317insGGCCACCCC	p.P772_H773insGHP	OMINDEL1134
EGFR	chr7:55249013	c.2316_2317insGGCGACCCC	p.P772_H773insGDP	OMINDEL1132
EGFR	chr7:55249005	c.2316_2317insGTGGACAACCCC	p.V769_P772dup	OMINDEL1057
EGFR	chr7:55249018	c.2316_2317insGTT	p.P772_H773insV	COSM255205
EGFR	chr7:55249010	c.2316_2317insTACAACCCC	p.P772_H773insYNP	OMINDEL1082
EGFR	chr7:55249011	c.2316_2317insTACCCCAACCCC	p.P772_H773insYPNP	OMINDEL1110
EGFR	chr7:55249012	c.2316_2317insTACCCGAACCCC	p.P772_H773insYPNP	OMINDEL1117
EGFR	chr7:55249011	c.2316_2317insTCCAACCCC	p.P772_H773insSNP	OMINDEL1102
EGFR	chr7:55249019	c.2317_2317delCinsAACCCCT	p.H773delinsNPY	OMINDEL1161
EGFR	chr7:55249019	c.2317_2317delCinsTACAACCCCT	p.H773delinsYNPY	OMINDEL1160
EGFR	chr7:55249019	c.2317_2317delCinsTACCCCAACCCCT	p.H773delinsYPNPY	OMINDEL1162
EGFR	chr7:55249019	c.2317_2317delCinsTACCCGAACCCCT	p.H773delinsYPNPY	OMINDEL1163
EGFR	chr7:55249011	c.2317_2318insCCAACCCCC	p.P772_H773insPNP	OMINDEL1087
EGFR	chr7:55249019	c.2317_2318insCCAACCCCT	p.H773delinsPNPY	OMINDEL1165
EGFR	chr7:55249013	c.2317_2318insCCCACCCCC	p.P772_H773insPHP	OMINDEL1136
EGFR	chr7:55249019	c.2317_2318insCTAACCCCT	p.H773delinsPNPY	COSM1735761
EGFR	chr7:55249017	c.2317_2318insGCC	p.P772_H773insR	OMINDEL1156
EGFR	chr7:55249013	c.2317_2318insGCCACCCCC	p.P772_H773insRHP	OMINDEL1137
EGFR	chr7:55249004	c.2317_2318insGCGTGGACAACCCCC	p.P772_H773insRVDNP	OMINDEL1056
EGFR	chr7:55249019	c.2317_2318insGTT	p.H773delinsRY	MATNV08
EGFR	chr7:55249017	c.2317_2318insTCC	p.P772_H773insL	OMINDEL1155
EGFR	chr7:55249018	c.2318_2319insACA	p.P772_H773insQ	OMINDEL1158
EGFR	chr7:55249019	c.2318_2319insATA	p.H773delinsQY	OMINDEL1166
EGFR	chr7:55249018	c.2318_2319insGCA	p.P772_H773insQ	OMINDEL1159
EGFR	chr7:55249019	c.2318_2319insGTA	p.H773delinsQY	OMINDEL1167
EGFR	chr7:55249020	c.2318_2320delACGinsTCA	p.[H773L;V774M]	COSM6978402
EGFR	chr7:55249017	c.2319_2320insAACCAC	p.H773_V774insNH	COSM5023006
EGFR	chr7:55249010	c.2319_2320insAACCCCCAC	p.N771_H773dup	COSM12381
EGFR	chr7:55249020	c.2319_2320insACACAACCCCCC	p.H773_V774insTQPP	COSM3727813

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
EGFR	chr7:55249016	c.2319_2320insACCCAC	p.H773_V774insTH	OMINDEL1151
EGFR	chr7:55249017	c.2319_2320insCAC	p.H773dup	COSM12377
EGFR	chr7:55249013	c.2319_2320insCACCCCCAC	p.H773_V774insHPH	OMINDEL1122
EGFR	chr7:55249020	c.2319_2320insCACGTC	p.H773_V774insHV	OMINDEL1169
EGFR	chr7:55249021	c.2319_2320insCAG	p.H773_V774insQ	COSM131552
EGFR	chr7:55249018	c.2319_2320insCCACAC	p.P772_H773dup	OMINDEL1184
EGFR	chr7:55249013	c.2319_2320insCCCCAC	p.P772_H773dup	COSM12380
EGFR	chr7:55249013	c.2319_2320insCCCCACCCCCAC	p.H773_V774insPHPH	p.H773_V774insPHPH_2
EGFR	chr7:55249019	c.2319_2320insTAC	p.H773_V774insY	OMINDEL1168
EGFR	chr7:55249016	c.2320_2321insCCCACG	p.H773_V774insAH	COSM1238028
EGFR	chr7:55249014	c.2320_2321insCCCCCCACG	p.H773_V774insAPH	OMINDEL1144
EGFR	chr7:55249015	c.2320_2321insCGCCCCACG	p.H773_V774insAPH	OMINDEL1150
EGFR	chr7:55249011	c.2320_2321insGCAACCCCCACG	p.H773_V774insGNPH	COSM51544
EGFR	chr7:55249017	c.2320_2321insGCCACG	p.H773_V774insGH	OMINDEL1154
EGFR	chr7:55249018	c.2320_2321insGGCACG	p.H773_V774insGH	OMINDEL1157
EGFR	chr7:55249011	c.2321_2322insCAACCCCCACGT	p.N771_V774dup	OMINDEL1097
EGFR	chr7:55249017	c.2321_2322insCCACGT	p.H773_V774dup	COSM12389
EGFR	chr7:55249012	c.2322_2323insAACCCCCACGTG	p.N771_V774dup	OMINDEL1112
EGFR	chr7:55249018	c.2322_2323insCACGTG	p.H773_V774dup	COSM22948
EGFR	chr7:55249024	c.2322_2323insCCACGT	p.V774_C775insPR	COSM4170223
EGFR	chr7:55249015	c.2322_2323insCCCCACGTG	p.P772_V774dup	COSM6845098
EGFR	chr7:55249026	c.2324G>A	p.C775Y	COSM22954
EGFR	chr7:55249014	c.2326_2327insCCCACGTGTGCC	p.P772_C775dup	OMINDEL956
EGFR	chr7:55249019	c.2326_2327insCCTACGTGTGCC	p.C775_R776insPYVC	OMINDEL1164
EGFR	chr7:55249070	c.2368A>G	p.T790A	COSM1272071
EGFR	chr7:55249071	c.2369C>T	p.T790M	COSM6240
EGFR	chr7:55249076	c.2374_2375delCTinsTA	p.L792Y	OM3266
EGFR	chr7:55249076	c.2374C>G	p.L792V	OM3265
EGFR	chr7:55249076	c.2374C>T	p.L792F	COSM6493933
EGFR	chr7:55249077	c.2375T>A	p.L792H	COSM6493934
EGFR	chr7:55249077	c.2375T>C	p.L792P	COSM13190
EGFR	chr7:55249077	c.2375T>G	p.L792R	OM3267
EGFR	chr7:55249088	c.2386G>A	p.G796S	COSM20891

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
EGFR	chr7:55249088	c.2386G>C	p.G796R	COSM6493935
EGFR	chr7:55249088	c.2386G>T	p.G796C	OM3318
EGFR	chr7:55249089	c.2387G>C	p.G796A	COSM27568
EGFR	chr7:55249091	c.2389_2390delTGinsAA	p.C797N	OM3543
EGFR	chr7:55249091	c.2389T>A	p.C797S	COSM6493937
EGFR	chr7:55249091	c.2389T>G	p.C797G	COSM6493936
EGFR	chr7:55249092	c.2390G>C	p.C797S	COSM5945664
EGFR	chr7:55249094	c.2392C>A	p.L798I	OM3268
EGFR	chr7:55259439	c.2497T>G	p.L833V	COSM13424
EGFR	chr7:55259440	c.2498T>G	p.L833W	COSM133204
EGFR	chr7:55259441	c.2499G>T	p.L833F	COSM219794
EGFR	chr7:55259446	c.2504A>T	p.H835L	COSM6227
EGFR	chr7:55259448	c.2506C>T	p.R836C	COSM28604
EGFR	chr7:55259485	c.2543C>T	p.P848L	COSM22943
EGFR	chr7:55259502	c.2560A>G	p.T854A	COSM28537
EGFR	chr7:55259502	c.2560A>T	p.T854S	COSM1235378
EGFR	chr7:55259503	c.2561C>T	p.T854I	COSM87246
EGFR	chr7:55259514	c.2572_2573delCTinsAA	p.L858K	COSM24268
EGFR	chr7:55259514	c.2572_2573delCTinsAG	p.L858R	COSM13553
EGFR	chr7:55259514	c.2572C>A	p.L858M	COSM12366
EGFR	chr7:55259515	c.2573_2574delTGinsGA	p.L858R	COSM133630
EGFR	chr7:55259515	c.2573_2574delTGinsGT	p.L858R	COSM12429
EGFR	chr7:55259515	c.2573T>A	p.L858Q	COSM29578
EGFR	chr7:55259515	c.2573T>G	p.L858R	COSM6224
EGFR	chr7:55259523	c.2581C>G	p.L861V	COSM24848
EGFR	chr7:55259524	c.2582T>A	p.L861Q	COSM6213
EGFR	chr7:55259524	c.2582T>G	p.L861R	COSM12374
EGFR	chr7:55211079	c.322A>G	p.R108G	COSM1451536
EGFR	chr7:55211080	c.323G>A	p.R108K	COSM21683
EGFR	chr7:55221821	c.865G>A	p.A289T	COSM21686
EGFR	chr7:55221822	c.866C>A	p.A289D	COSM21685
EGFR	chr7:55221822	c.866C>T	p.A289V	COSM21687
EGFR	chr7:55221830	c.874G>T	p.V292L	COSM43067

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
ERBB2	chr17:37879601	c.1976_1977delTTinsAA	p.V659E	COSM3724566
ERBB2	chr17:37879601	c.1976_1977delTTinsAG	p.V659E	COSM6503262
ERBB2	chr17:37879604	c.1979G>A	p.G660D	COSM4681497
ERBB2	chr17:37879658	c.2033G>A	p.R678Q	COSM436498
ERBB2	chr17:37879903	c.2198C>T	p.T733I	COSM14059
ERBB2	chr17:37880217	c.2262_2276delGTTGAGGGAAAACAC	p.L755_T759del	COSM7345568
ERBB2	chr17:37880219	c.2263_2264delTTinsCC	p.L755P	COSM683
ERBB2	chr17:37880219	c.2263_2264delTTinsGC	p.L755A	COSM6906940
ERBB2	chr17:37880219	c.2263T>A	p.L755M	COSM1205571
ERBB2	chr17:37880218	c.2264_2278delTGAGGGAAAACACAT	p.L755_T759del	COSM5029269
ERBB2	chr17:37880220	c.2264T>C	p.L755S	COSM14060
ERBB2	chr17:37880220	c.2264T>G	p.L755W	COSM436499
ERBB2	chr17:37880257	c.2301C>G	p.I767M	COSM51317
ERBB2	chr17:37880261	c.2305G>A	p.D769N	COSM1302747
ERBB2	chr17:37880261	c.2305G>C	p.D769H	COSM13170
ERBB2	chr17:37880261	c.2305G>T	p.D769Y	COSM1251412
ERBB2	chr17:37880981	c.2311_2312insGCATACGTGATG	p.E770_A771insGIRD	COSM7449692
ERBB2	chr17:37880984	c.2316_2317insATGATGGCTTAC	p.Y772_V773insMMAY	OMINDEL820
ERBB2	chr17:37880990	c.2320_2322delATGinsTGGCTTGTA	p.M774delinsWLV	OMINDEL1178
ERBB2	chr17:37880989	c.2322_2323insATG	p.M774dup	OMINDEL823
ERBB2	chr17:37880981	c.2324_2325insATACGTGATGGC	p.Y772_A775dup	COSM20959
ERBB2	chr17:37880994	c.2324_2325insATACGTGATGTC	p.A775_G776insYVMS	OMINDEL824
ERBB2	chr17:37880986	c.2325_2326insACCGTGATGGCT	p.A775_G776insTVMA	MAN302
ERBB2	chr17:37880984	c.2325_2326insTACGTGATGGCT	p.Y772_A775dup	COSM12558
ERBB2	chr17:37880986	c.2325_2326insTCCGTGATGGCT	p.A775_G776insSVMA	OMINDEL821
ERBB2	chr17:37880995	c.2325_2326insTGT	p.A775_G776insC	OMINDEL825
ERBB2	chr17:37880997	c.2326_2326delGinsATAT	p.G776delinsIC	OMINDEL826
ERBB2	chr17:37880997	c.2326_2326delGinsCTTT	p.G776delinsLC	COSM12554
ERBB2	chr17:37880997	c.2326_2326delGinsTTAT	p.G776delinsLC	COSM20895
ERBB2	chr17:37880997	c.2326_2326delGinsTTGT	p.G776delinsLC	COSM19875
ERBB2	chr17:37880986	c.2326_2327insCCGTGATGGCTG	p.A775_G776insAVMA	OMINDEL816
ERBB2	chr17:37880997	c.2326_2327insCTGTGGGCT	p.G776delinsAVGC	COSM6907033
ERBB2	chr17:37880996	c.2326_2327insTAG	p.A775_G776insV	MAN309

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
ERBB2	chr17:37880997	c.2326_2327insTAT	p.G776delinsVC	COSM5235349
ERBB2	chr17:37880996	c.2326_2327insTCG	p.A775_G776insV	MAN308
ERBB2	chr17:37880997	c.2326_2327insTCT	p.G776delinsVC	COSM85995
ERBB2	chr17:37880996	c.2326_2327insTGG	p.A775_G776insV	MAN300
ERBB2	chr17:37880991	c.2326_2327insTGGCTG	p.A775_G776insVA	COSM6865891
ERBB2	chr17:37880995	c.2326_2327insTGGCTGGTG	p.A775_G776insVAG	OMINDEL817
ERBB2	chr17:37880987	c.2326_2327insTGGTGATGGCTG	p.A775_G776insVVMA	OMINDEL822
ERBB2	chr17:37880997	c.2326_2327insTGT	p.G776delinsVC	COSM12553
ERBB2	chr17:37880995	c.2326_2327insTTG	p.A775_G776insV	MAN307
ERBB2	chr17:37880997	c.2326_2327insTTT	p.G776delinsVC	COSM12552
ERBB2	chr17:37880997	c.2326_2330delGGTGTinsAGTGTGGC	p.G776_V777delinsSVA	G776_V777delinsSVA_3
ERBB2	chr17:37880997	c.2326G>A	p.G776S	COSM685
ERBB2	chr17:37880997	c.2326G>C	p.G776R	OM3421
ERBB2	chr17:37880996	c.2326G>T	p.G776C	COSM303938
ERBB2	chr17:37880998	c.2327_2327delGinsTTGT	p.G776delinsVV	COSM6977433
ERBB2	chr17:37880998	c.2327_2328insAGGTTGTGT	p.G776_V777insGCV	MAN311
ERBB2	chr17:37880998	c.2327_2334delGTGTGGGCinsTTGTTGGGGAT	p.G776_G778delinsVVGD	OMINDEL1189
ERBB2	chr17:37880998	c.2327G>T	p.G776V	COSM18609
ERBB2	chr17:37880998	c.2328_2329insCTT	p.G776_V777insL	COSM6438151
ERBB2	chr17:37881000	c.2329G>A	p.V777M	COSM14064
ERBB2	chr17:37881000	c.2329G>C	p.V777L	COSM436500
ERBB2	chr17:37881000	c.2329G>T	p.V777L	COSM14062
ERBB2	chr17:37880997	c.2330_2331insAGGTTGTGT	p.G778_S779insCVG	OMINDEL1179
ERBB2	chr17:37881001	c.2330T>C	p.V777A	COSM35496
ERBB2	chr17:37881002	c.2331_2332insTGT	p.V777_G778insC	OMINDEL827
ERBB2	chr17:37881001	c.2331_2332insTGTGGG	p.V777_G778insCG	COSM303939
ERBB2	chr17:37881003	c.2333_2334insGCTCCCCAG	p.G778_S779insLPS	COSM5802314
ERBB2	chr17:37881002	c.2333_2334insGCTCCCCGG	p.G778_S779insLPG	COSM7449770
ERBB2	chr17:37881001	c.2333_2334insGGG	p.G778dup	COSM26681
ERBB2	chr17:37881002	c.2335_2336insGCCCAGGCT	p.G778_S779insCPG	OMINDEL1180
ERBB2	chr17:37881006	c.2335_2336insTGCCCAGGC	p.S779delinsLPRP	MAN310
ERBB2	chr17:37880998	c.2336_2337insTGTGGGCTC	p.V777_S779dup	COSM681
ERBB2	chr17:37881002	c.2339_2340insCGGCTCCCC	p.G778_P780dup	COSM6865893

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
ERBB2	chr17:37881001	c.2339_2340insGGGCTCCCC	p.G778_P780dup	COSM12555
ERBB2	chr17:37881002	c.2339_2340insTGGCTCCCC	p.G778_P780dup	COSM303948
ERBB2	chr17:37881002	c.2340_2341insGGCTCCCCA	p.G778_P780dup	COSM12556
ERBB2	chr17:37881064	c.2393C>T	p.T798I	OM3210
ERBB2	chr17:37881332	c.2524G>A	p.V842I	COSM14065
ERBB2	chr17:37881333	c.2525T>A	p.V842E	COSM6005745
ERBB2	chr17:37881410	c.2602C>T	p.R868W	COSM289684
ERBB2	chr17:37881414	c.2606T>G	p.L869R	COSM249793
ERBB2	chr17:37881616	c.2686C>T	p.R896C	COSM14066
ERBB2	chr17:37881617	c.2687G>A	p.R896H	COSM119971
ERBB2	chr17:37868205	c.926G>A	p.G309E	COSM94224
ERBB2	chr17:37868205	c.926G>C	p.G309A	COSM436496
ERBB2	chr17:37868207	c.928T>C	p.S310P	COSM1563863
ERBB2	chr17:37868208	c.929_930delCCinsAT	p.S310Y	COSM6906440
ERBB2	chr17:37868208	c.929C>A	p.S310Y	COSM94225
ERBB2	chr17:37868208	c.929C>T	p.S310F	COSM48358
ERBB2	chr17:37868210	c.931T>C	p.C311R	COSM35763
ERBB2	chr17:37868241	c.962A>G	p.E321G	COSM35764
ERBB3	chr12:56477630	c.178A>T	p.M60L	COSM1606366
ERBB3	chr12:56477631	c.179T>A	p.M60K	COSM254678
ERBB3	chr12:56477631	c.179T>G	p.M60R	COSM941484
ERBB3	chr12:56478817	c.273G>A	p.M91I	COSM122890
ERBB3	chr12:56478817	c.273G>C	p.M91I	COSM1299636
ERBB3	chr12:56478851	c.307C>G	p.R103G	COSM6907312
ERBB3	chr12:56478854	c.310G>A	p.V104M	COSM172423
ERBB3	chr12:56478854	c.310G>C	p.V104L	COSM160824
ERBB3	chr12:56478854	c.310G>T	p.V104L	COSM191840
ERBB3	chr12:56481922	c.850G>A	p.G284R	COSM941488
ERBB3	chr12:56481922	c.850G>C	p.G284R	COSM5413554
ERBB3	chr12:56482341	c.889G>A	p.D297N	COSM941489
ERBB3	chr12:56482341	c.889G>C	p.D297H	COSM1935392
ERBB3	chr12:56482341	c.889G>T	p.D297Y	COSM160822
ERBB3	chr12:56482342	c.890A>T	p.D297V	COSM941490

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
ERBB3	chr12:56482537	c.994G>A	p.E332K	COSM254677
ERBB3	chr12:56482537	c.994G>C	p.E332Q	COSM4838033
ERBB4	chr2:212488718	c.2131C>T	p.R711C	COSM160827
ERBB4	chr2:212488717	c.2132G>T	p.R711L	OM3150
ESR1	chr6:152332832	c.1138G>C	p.E380Q	COSM3829320
ESR1	chr6:152332868	c.1174G>A	p.V392I	COSM1545070
ESR1	chr6:152415537	c.1387T>C	p.S463P	COSM4771561
ESR1	chr6:152419916	c.1603C>A	p.P535T	COSM5666097
ESR1	chr6:152419917	c.1604C>A	p.P535H	BT24
ESR1	chr6:152419920	c.1607_1608delTCinsAG	p.L536Q	COSM4766050
ESR1	chr6:152419920	c.1607T>G	p.L536R	COSM4774826
ESR1	chr6:152419922	c.1609T>A	p.Y537N	COSM1074635
ESR1	chr6:152419923	c.1610A>C	p.Y537S	COSM1074639
ESR1	chr6:152419923	c.1610A>G	p.Y537C	COSM1074637
ESR1	chr6:152419926	c.1613A>G	p.D538G	COSM94250
ESR1	chr6:152419976	c.1663C>T	p.R555C	BT32
ESR1	chr6:152265455	c.908A>G	p.K303R	COSM4745827
FGFR1	chr8:38273561	c.1774G>A	p.V592M	COSM6840954
FGFR1	chr8:38272308	c.2059A>G	p.K687E	COSM35673
FGFR1	chr8:38272307	c.2060A>T	p.K687M	COSM4771556
FGFR1	chr8:38272306	c.2061G>C	p.K687N	COSM6578115
FGFR2	chr10:123274795	c.1123T>C	p.Y375H	COSM1560916
FGFR2	chr10:123274794	c.1124A>G	p.Y375C	COSM36904
FGFR2	chr10:123274774	c.1144T>C	p.C382R	COSM36906
FGFR2	chr10:123274774	c.1144T>G	p.C382G	COSM6197913
FGFR2	chr10:123274773	c.1145G>A	p.C382Y	COSM915493
FGFR2	chr10:123274746	c.1172T>G	p.M391R	COSM36907
FGFR2	chr10:123274733	c.1184_1185delTCinsAT	p.V395D	COSM250081
FGFR2	chr10:123258049	c.1632C>A	p.H544Q	COSM48382
FGFR2	chr10:123258049	c.1632C>G	p.H544Q	COSM1474415
FGFR2	chr10:123258042	c.1639A>G	p.I547V	COSM36913
FGFR2	chr10:123258036	c.1645A>C	p.N549H	COSM250083
FGFR2	chr10:123258036	c.1645A>G	p.N549D	COSM4604460

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
FGFR2	chr10:123258035	c.1646A>C	p.N549T	COSM6952624
FGFR2	chr10:123258035	c.1646A>G	p.N549S	COSM3665553
FGFR2	chr10:123258034	c.1647T>A	p.N549K	COSM36912
FGFR2	chr10:123258034	c.1647T>G	p.N549K	COSM36902
FGFR2	chr10:123256219	c.1690G>A	p.V564I	OM3247
FGFR2	chr10:123256219	c.1690G>C	p.V564L	OM3564
FGFR2	chr10:123256219	c.1690G>T	p.V564F	OM3293
FGFR2	chr10:123256215	c.1694A>C	p.E565A	OM3292
FGFR2	chr10:123256215	c.1694A>G	p.E565G	OM3563
FGFR2	chr10:123256071	c.1838G>T	p.G613V	COSM94318
FGFR2	chr10:123256060	c.1849T>A	p.L617M	OM3562
FGFR2	chr10:123256060	c.1849T>G	p.L617V	OM3291
FGFR2	chr10:123247569	c.1922A>G	p.K641R	COSM5010388
FGFR2	chr10:123247549	c.1942G>A	p.A648T	COSM29836
FGFR2	chr10:123247516	c.1975A>G	p.K659E	COSM36909
FGFR2	chr10:123247515	c.1976A>T	p.K659M	COSM49175
FGFR2	chr10:123247514	c.1977G>C	p.K659N	COSM683054
FGFR2	chr10:123247514	c.1977G>T	p.K659N	COSM49173
FGFR2	chr10:123246890	c.2035G>A	p.V679I	COSM4822956
FGFR2	chr10:123310821	c.607C>T	p.R203C	COSM41281
FGFR2	chr10:123279677	c.755C>G	p.S252W	COSM36903
FGFR2	chr10:123279675	c.757C>T	p.P253S	COSM1346291
FGFR2	chr10:123279674	c.758C>G	p.P253R	COSM49170
FGFR2	chr10:123279674	c.758C>T	p.P253L	COSM537801
FGFR2	chr10:123279562	c.870G>C	p.W290C	COSM41286
FGFR2	chr10:123279503	c.929A>G	p.K310R	COSM36901
FGFR2	chr10:123276976	c.941C>A	p.A314D	COSM49171
FGFR2	chr10:123276974	c.943G>A	p.A315T	COSM30777
FGFR3	chr4:1806089	c.1108G>T	p.G370C	COSM716
FGFR3	chr4:1806090	c.1109G>A	p.G370D	COSM5966955
FGFR3	chr4:1806092	c.1111A>T	p.S371C	COSM17461
FGFR3	chr4:1806099	c.1118A>G	p.Y373C	COSM718
FGFR3	chr4:1806119	c.1138G>A	p.G380R	COSM24842

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
FGFR3	chr4:1806120	c.1139G>A	p.G380E	COSM51545
FGFR3	chr4:1806152	c.1171G>A	p.A391T	OM3151
FGFR3	chr4:1806153	c.1172C>A	p.A391E	COSM721
FGFR3	chr4:1806153	c.1172C>T	p.A391V	COSM1737909
FGFR3	chr4:1806176	c.1195C>T	p.R399C	COSM296687
FGFR3	chr4:1807488	c.1657G>A	p.V553M	OM3223
FGFR3	chr4:1807494	c.1663G>A	p.V555M	COSM303914
FGFR3	chr4:1807862	c.1921G>A	p.D641N	COSM29438
FGFR3	chr4:1807863	c.1922A>G	p.D641G	COSM1428721
FGFR3	chr4:1807889	c.1948A>C	p.K650Q	COSM726
FGFR3	chr4:1807889	c.1948A>G	p.K650E	COSM719
FGFR3	chr4:1807890	c.1949A>C	p.K650T	COSM731
FGFR3	chr4:1807890	c.1949A>G	p.K650R	OM3224
FGFR3	chr4:1807890	c.1949A>T	p.K650M	COSM720
FGFR3	chr4:1807891	c.1950G>C	p.K650N	COSM3993568
FGFR3	chr4:1807891	c.1950G>T	p.K650N	COSM1428730
FGFR3	chr4:1808053	c.2029G>A	p.V677I	COSM178247
FGFR3	chr4:1808386	c.2144A>T	p.K715M	COSM732992
FGFR3	chr4:1803564	c.742C>T	p.R248C	COSM714
FGFR3	chr4:1803565	c.743G>A	p.R248H	COSM1757310
FGFR3	chr4:1803567	c.745T>A	p.S249T	COSM29431
FGFR3	chr4:1803568	c.746C>G	p.S249C	COSM715
FGFR4	chr5:176522551	c.1648G>A	p.V550M	COSM6163
FGFR4	chr5:176522551	c.1648G>C	p.V550L	COSM3738141
FGFR4	chr5:176522551	c.1648G>T	p.V550L	COSM1066172
FGFR4	chr5:176522552	c.1649T>A	p.V550E	COSM9215998
FLT3	chr13:28592641	c.2503_2504delGAinsCT	p.D835L	OM3572
FLT3	chr13:28592641	c.2503_2504delGAinsTT	p.D835F	COSM19844
FLT3	chr13:28592639	c.2503_2505delGAT	p.D835del	COSM854
FLT3	chr13:28592640	c.2503_2505delGATinsAAA	p.D835K	OM3571
FLT3	chr13:28592640	c.2503_2505delGATinsAAG	p.D835K	OM3570
FLT3	chr13:28592636	c.2503_2508delGATATC	p.D835_I836del	COSM5879385
FLT3	chr13:28592642	c.2503G>A	p.D835N	COSM789

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
FLT3	chr13:28592642	c.2503G>C	p.D835H	COSM785
FLT3	chr13:28592642	c.2503G>T	p.D835Y	COSM783
FLT3	chr13:28592638	c.2504_2506delATA	p.D835_I836delinsV	COSM27651
FLT3	chr13:28592641	c.2504A>C	p.D835A	COSM27650
FLT3	chr13:28592641	c.2504A>G	p.D835G	COSM1366188
FLT3	chr13:28592641	c.2504A>T	p.D835V	COSM784
FLT3	chr13:28592640	c.2505T>A	p.D835E	COSM787
FLT3	chr13:28592640	c.2505T>G	p.D835E	COSM788
FLT3	chr13:28592638	c.2506_2507delATinsGA	p.I836D	OM3569
FLT3	chr13:28592639	c.2506A>C	p.I836L	COSM19649
FLT3	chr13:28592638	c.2507T>C	p.I836T	COSM5879386
FLT3	chr13:28592638	c.2507T>G	p.I836S	COSM19843
FLT3	chr13:28592634	c.2508_2510delCAT	p.I836del	COSM19836
FLT3	chr13:28592630	c.2515G>A	p.D839N	COSM6005768
FLT3	chr13:28592630	c.2515G>C	p.D839H	COSM3399304
FLT3	chr13:28592629	c.2516A>G	p.D839G	COSM1166729
FLT3	chr13:28592628	c.2517T>A	p.D839E	COSM5945287
FOXL2	chr3:138665165	c.400T>C	p.C134R	COSM1566233
FOXL2	chr3:138665163	c.402C>G	p.C134W	COSM33661
GNA11	chr19:3115011	c.546_547delCCinsTT	p.[V182=;R183C]	COSM52974
GNA11	chr19:3115012	c.547C>T	p.R183C	COSM21651
GNA11	chr19:3115013	c.548G>A	p.R183H	COSM52973
GNA11	chr19:3115013	c.548G>T	p.R183L	COSM1392333
GNA11	chr19:3118941	c.625C>A	p.Q209K	COSM238583
GNA11	chr19:3118942	c.626_627delAGinsTA	p.Q209L	COSM52971
GNA11	chr19:3118942	c.626_627delAGinsTT	p.Q209L	COSM52972
GNA11	chr19:3118942	c.626A>C	p.Q209P	COSM52970
GNA11	chr19:3118942	c.626A>G	p.Q209R	COSM1666996
GNA11	chr19:3118942	c.626A>T	p.Q209L	COSM52969
GNA11	chr19:3118943	c.627G>T	p.Q209H	COSM1717778
GNAQ	chr9:80412493	c.548G>A	p.R183Q	COSM52975
GNAQ	chr9:80412493	c.548G>T	p.R183L	COSM5945938
GNAQ	chr9:80409488	c.625_626delCAinsTT	p.Q209L	COSM28759

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
GNAQ	chr9:80409487	c.625_627delCAAinsTAT	p.Q209Y	COSM28761
GNAQ	chr9:80409489	c.625C>A	p.Q209K	COSM132932
GNAQ	chr9:80409488	c.626A>C	p.Q209P	COSM28758
GNAQ	chr9:80409488	c.626A>G	p.Q209R	COSM28760
GNAQ	chr9:80409488	c.626A>T	p.Q209L	COSM28757
GNAQ	chr9:80409487	c.627A>C	p.Q209H	COSM1666995
GNAQ	chr9:80409487	c.627A>T	p.Q209H	COSM28770
GNAS	chr20:57484420	c.601C>A	p.R201S	COSM27899
GNAS	chr20:57484420	c.601C>G	p.R201G	COSM1757313
GNAS	chr20:57484420	c.601C>T	p.R201C	COSM27887
GNAS	chr20:57484421	c.602G>A	p.R201H	COSM27895
GNAS	chr20:57484421	c.602G>T	p.R201L	COSM99221
GNAS	chr20:57484595	c.679C>A	p.Q227K	COSM28618
GNAS	chr20:57484595	c.679C>G	p.Q227E	COSM4962873
GNAS	chr20:57484596	c.680A>G	p.Q227R	COSM27896
GNAS	chr20:57484596	c.680A>T	p.Q227L	COSM27888
GNAS	chr20:57484597	c.681G>C	p.Q227H	COSM4168960
GNAS	chr20:57484597	c.681G>T	p.Q227H	COSM27900
HRAS	chr11:533874	c.181_182delCAinsAG	p.Q61R	COSM52979
HRAS	chr11:533875	c.181C>A	p.Q61K	COSM496
HRAS	chr11:533875	c.181C>G	p.Q61E	COSM497
HRAS	chr11:533873	c.182_183delAGinsGA	p.Q61R	COSM33695
HRAS	chr11:533873	c.182_183delAGinsGT	p.Q61R	COSM501
HRAS	chr11:533873	c.182_183delAGinsTA	p.Q61L	COSM52978
HRAS	chr11:533874	c.182A>C	p.Q61P	COSM500
HRAS	chr11:533874	c.182A>G	p.Q61R	COSM499
HRAS	chr11:533874	c.182A>T	p.Q61L	COSM498
HRAS	chr11:533873	c.183G>C	p.Q61H	COSM503
HRAS	chr11:533873	c.183G>T	p.Q61H	COSM502
HRAS	chr11:534288	c.34_35delGGinsAA	p.G12N	COSM4517473
HRAS	chr11:533554	c.349A>G	p.K117E	COSM505
HRAS	chr11:534289	c.34G>A	p.G12S	COSM480
HRAS	chr11:534289	c.34G>C	p.G12R	COSM482

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
HRAS	chr11:534289	c.34G>T	p.G12C	COSM481
HRAS	chr11:533553	c.350A>G	p.K117R	VCV000012605
HRAS	chr11:533552	c.351G>C	p.K117N	COSM254733
HRAS	chr11:533552	c.351G>T	p.K117N	COSM304967
HRAS	chr11:534288	c.35G>A	p.G12D	COSM484
HRAS	chr11:534288	c.35G>C	p.G12A	COSM485
HRAS	chr11:534288	c.35G>T	p.G12V	COSM483
HRAS	chr11:534286	c.37G>A	p.G13S	COSM487
HRAS	chr11:534286	c.37G>C	p.G13R	COSM486
HRAS	chr11:534286	c.37G>T	p.G13C	COSM488
HRAS	chr11:534285	c.38G>A	p.G13D	COSM490
HRAS	chr11:534285	c.38G>T	p.G13V	COSM489
HRAS	chr11:533469	c.434C>T	p.S145L	COSM6921854
HRAS	chr11:533467	c.436G>A	p.A146T	COSM6006359
IDH1	chr2:209113298	c.209G>A	p.G70D	COSM96531
IDH1	chr2:209113112	c.394_395delCGinsGT	p.R132V	COSM28751
IDH1	chr2:209113112	c.394_395delCGinsTC	p.R132S	COSM1169216
IDH1	chr2:209113113	c.394C>A	p.R132S	COSM28748
IDH1	chr2:209113113	c.394C>G	p.R132G	COSM28749
IDH1	chr2:209113113	c.394C>T	p.R132C	COSM28747
IDH1	chr2:209113111	c.395_396delGTinsAA	p.R132Q	OM3222
IDH1	chr2:209113111	c.395_396delGTinsAC	p.R132H	COSM86993
IDH1	chr2:209113111	c.395_396delGTinsAG	p.R132Q	OM3221
IDH1	chr2:209113112	c.395G>A	p.R132H	COSM28746
IDH1	chr2:209113112	c.395G>T	p.R132L	COSM28750
IDH1	chr2:209106729	c.839C>T	p.S280F	OM3315
IDH2	chr15:90631935	c.418C>G	p.R140G	COSM1737874
IDH2	chr15:90631935	c.418C>T	p.R140W	COSM41877
IDH2	chr15:90631934	c.419G>A	p.R140Q	COSM41590
IDH2	chr15:90631934	c.419G>T	p.R140L	COSM41875
IDH2	chr15:90631838	c.514_515delAGinsGT	p.R172V	OM3327
IDH2	chr15:90631839	c.514A>G	p.R172G	COSM33731
IDH2	chr15:90631839	c.514A>T	p.R172W	COSM34039

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
IDH2	chr15:90631837	c.515_516delGGinsAT	p.R172N	COSM256046
IDH2	chr15:90631838	c.515G>A	p.R172K	COSM33733
IDH2	chr15:90631838	c.515G>C	p.R172T	COSM1636997
IDH2	chr15:90631838	c.515G>T	p.R172M	COSM33732
IDH2	chr15:90631837	c.516G>C	p.R172S	COSM133672
IDH2	chr15:90631837	c.516G>T	p.R172S	COSM34090
IDH2	chr15:90630365	c.946C>G	p.Q316E	OM3320
IDH2	chr15:90630354	c.957C>G	p.I319M	OM3319
KEAP1	chr19:10602353	c.1224delC	p.M409*	COSM6916353
KEAP1	chr19:10602335	c.1243C>G	p.R415G	COSM6196677
KEAP1	chr19:10602314	c.1264G>A	p.D422N	COSM710198
KEAP1	chr19:10600447	c.1408C>A	p.R470S	COSM564846
KEAP1	chr19:10600447	c.1408C>G	p.R470G	OM3724
KEAP1	chr19:10600447	c.1408C>T	p.R470C	COSM564847
KEAP1	chr19:10600446	c.1409G>A	p.R470H	COSM1524064
KEAP1	chr19:10600323	c.1531+1G>T	p.?	COSM6956065
KEAP1	chr19:10600322	c.1531+2T>G	p.?	OM3723
KEAP1	chr19:10600045	c.1532-1G>T	p.?	COSM6969960
KEAP1	chr19:10600046	c.1532-2A>G	p.?	COSM381459
KEAP1	chr19:10599915	c.1661G>A	p.R554Q	COSM1524066
KEAP1	chr19:10599867	c.1708_1708+1delinsTT	p.?	COSM6927565
KEAP1	chr19:10599867	c.1708+1G>T	p.?	COSM7738757
KEAP1	chr19:10599866	c.1708+2T>A	p.?	COSM6149754
KEAP1	chr19:10597495	c.1709-1G>T	p.?	COSM7724088
KEAP1	chr19:10597496	c.1709-2A>G	p.?	COSM7088100
KEAP1	chr19:10597451	c.1751_1752insA	p.Y584*	COSM6201646
KEAP1	chr19:10610247	c.463G>T	p.V155F	COSM710187
KEAP1	chr19:10610211	c.499G>T	p.V167F	COSM710188
KEAP1	chr19:10602939	c.640-1G>A	p.?	COSM6972470
KEAP1	chr19:10602939	c.640-1G>C	p.?	OM3726
KEAP1	chr19:10602939	c.640-1G>T	p.?	OM3725
KEAP1	chr19:10602940	c.640-2A>C	p.?	OM3727
KEAP1	chr19:10602850	c.728C>G	p.S243C	COSM710191

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
KEAP1	chr19:10602620	c.958C>T	p.R320W	COSM1524062
KEAP1	chr19:10602619	c.959G>A	p.R320Q	COSM710195
KEAP1	chr19:10602619	c.959G>C	p.R320P	COSM346494
KEAP1	chr19:10602619	c.959G>T	p.R320L	COSM2812614
KEAP1	chr19:10602581	c.997G>T	p.G333C	COSM1193323
KIT	chr4:55589768	c.1250_1256delCTTACGAinsGAGG	p.T417_D419delinsRG	COSM1149
KIT	chr4:55589768	c.1250_1256delCTTACGAinsT	p.T417_D419delinsI	COSM1148
KIT	chr4:55589770	c.1255_1257delGAC	p.D419del	COSM29014
KIT	chr4:55589773	c.1255_1258delGACAinsC	p.D419del	COSM1600400
KIT	chr4:55589772	c.1255_1260delGACAGG	p.D419_R420del	COSM1578132
KIT	chr4:55589773	c.1255_1261delGACAGGCinsT	p.D419_L421delinsF	COSM1152
KIT	chr4:55589773	c.1255_1262delGACAGGCTinsCA	p.D419_L421delinsH	COSM1578133
KIT	chr4:55589774	c.1257_1258insTTCCTC	p.D419_R420insFL	COSM36332
KIT	chr4:55589774	c.1257_1258insTTTTTC	p.D419_R420insFF	COSM36334
KIT	chr4:55592174	c.1505_1506insTTCTGC	p.S501_A502dup	COSM5702501
KIT	chr4:55592176	c.1507_1508insCTGCCT	p.S501_A502dup	COSM219786
KIT	chr4:55592178	c.1507_1508insTTGCCT	p.A502_Y503insFA	COSM53306
KIT	chr4:55592178	c.1509_1510insGCCTAT	p.A502_Y503dup	COSM1326
KIT	chr4:55592190	c.1514A>T	p.N505I	OM3236
KIT	chr4:55593408	c.1565T>G	p.F522C	OM3237
KIT	chr4:55593431	c.1588G>A	p.V530I	COSM1155
KIT	chr4:55593581	c.1648_1653delAAACCC	p.?	COSM1160
KIT	chr4:55593581	c.1648_1662delAAACCCATGTATGAA	p.?	COSM1162
KIT	chr4:55593582	c.1648_1664delAAACCCATGTATGAAGTinsCA	p.K550_V555delinsQ	COSM6938892
KIT	chr4:55593581	c.1648_1665delAAACCCATGTATGAAGTA	p.?	COSM1158
KIT	chr4:55593579	c.1648-2_1672delAGAAACCCATGTATGAAGTACAGTGGA	p.?	COSM1136
KIT	chr4:55593578	c.1648-3_1671delCAGAAACCCATGTATGAAGTACAGTGG	p.?	OMINDEL901
KIT	chr4:55593583	c.1649_1653delAACCCinsTT	p.K550_P551delinsI	COSM6971267
KIT	chr4:55593583	c.1649_1661delAACCCATGTATGAinsT	p.K550_E554delinsI	COSM6953101
KIT	chr4:55593582	c.1649_1663delAACCCATGTATGAAG	p.K550_V555delinsI	COSM1164
KIT	chr4:55593583	c.1649_1668delAACCCATGTATGAAGTACAGinsTTATT	p.K550_Q556delinsII	COSM1161

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
KIT	chr4:55593583	c.1649_1669delAACCCATGTATGAAGTACAGTinsTAC	p.K550_W557delinsIR	COSM6977972
KIT	chr4:55593583	c.1649_1670delAACCCATGTATGAAGTACAGTGinsTTCT	p.K550_W557delinsIL	COSM6936468
KIT	chr4:55593583	c.1649A>G	p.K550R	COSM1166
KIT	chr4:55593583	c.1649A>T	p.K550I	COSM1165
KIT	chr4:55593584	c.1650A>C	p.K550N	COSM1167
KIT	chr4:55593584	c.1651_1653delCCC	p.P551del	COSM1171
KIT	chr4:55593582	c.1651_1662delCCCATGTATGAA	p.P551_E554del	COSM1172
KIT	chr4:55593585	c.1651_1663delCCCATGTATGAAGinsACCC	p.P551_V555delinsTL	COSM30550
KIT	chr4:55593584	c.1651_1668delCCCATGTATGAAGTACAG	p.P551_Q556del	COSM1170
KIT	chr4:55593585	c.1652_1654delCCA	p.P551_M552delinsL	COSM1176
KIT	chr4:55593585	c.1652_1657delCCATGT	p.P551_Y553delinsH	COSM6934157
KIT	chr4:55593585	c.1652_1663delCCATGTATGAAG	p.P551_V555delinsL	COSM1174
KIT	chr4:55593583	c.1652_1666delCCATGTATGAAGTAC	p.P551_V555del	COSM1169
KIT	chr4:55593585	c.1652_1678delCCATGTATGAAGTACAGTGGAAGGTTG	p.P551_V560delinsL	COSM27901
KIT	chr4:55593586	c.1653_1658delCATGTA	p.M552_Y553del	COSM96881
KIT	chr4:55593586	c.1653_1664delCATGTATGAAGT	p.M552_V555del	COSM6957862
KIT	chr4:55593587	c.1653_1667delCATGTATGAAGTACAinsTCT	p.M552_Q556delinsL	COSM1178
KIT	chr4:55593586	c.1653_1670delCATGTATGAAGTACAGTG	p.M552_W557del	COSM1177
KIT	chr4:55593587	c.1653_1674delCATGTATGAAGTACAGTGGAAGinsT	p.M552_K558del	OMINDEL902
KIT	chr4:55593587	c.1654_1659delATGTAT	p.M552_Y553del	COSM1179
KIT	chr4:55593587	c.1654_1662delATGTATGAA	p.M552_E554del	COSM1181
KIT	chr4:55593587	c.1654_1665delATGTATGAAGTA	p.M552_V555del	COSM18827
KIT	chr4:55593587	c.1654_1668delATGTATGAAGTACAG	p.M552_Q556del	COSM1327
KIT	chr4:55593587	c.1654_1674delATGTATGAAGTACAGTGGAAG	p.M552_K558del	COSM1182
KIT	chr4:55593586	c.1654_1716delATGTATGAAGTACAGTGGAAGGTTGTTGAGGAGATAAATGGAAACAATTATGTTTACATAGAC	p.M552_D572del	COSM36304
KIT	chr4:55593588	c.1655_1657delTGT	p.M552_Y553delinsN	COSM96863
KIT	chr4:55593588	c.1655_1660delTGTATG	p.M552_E554delinsK	COSM36311
KIT	chr4:55593588	c.1655_1666delTGTATGAAGTAC	p.M552_Q556delinsK	COSM96868
KIT	chr4:55593588	c.1655_1669delTGTATGAAGTACAGT	p.M552_W557delinsR	COSM133636
KIT	chr4:55593587	c.1655_1672delTGTATGAAGTACAGTGGA	p.M552_W557del	COSM1180

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
KIT	chr4:55593588	c.1655_1681delTGTATGAAGTACAGTGGAAGGTTGTTG	p.M552_E561delinsK	COSM96880
KIT	chr4:55593589	c.1656_1661delGTATGA	p.M552_E554delinsI	COSM6944981
KIT	chr4:55593588	c.1656_1664delGTATGAAGT	p.M552_V555delinsI	COSM1185
KIT	chr4:55593588	c.1656_1676delGTATGAAGTACAGTGGAAGGT	p.M552_V559delinsI	COSM3737059
KIT	chr4:55593590	c.1657_1662delTATGAA	p.Y553_E554del	COSM6923694
KIT	chr4:55593589	c.1657_1671delTATGAAGTACAGTGG	p.Y553_W557del	COSM1187
KIT	chr4:55593589	c.1657_1674delTATGAAGTACAGTGGAAG	p.Y553_K558del	COSM27909
KIT	chr4:55593590	c.1657_1677delTATGAAGTACAGTGGAAGGTT	p.Y553_V559del	COSM1191
KIT	chr4:55593591	c.1657_1677delTATGAAGTACAGTGGAAGGTTinsGAA	p.Y553_V559delinsE	COSM96946
KIT	chr4:55593591	c.1657T>A	p.Y553N	COSM133763
KIT	chr4:55593589	c.1658_1669delATGAAGTACAGT	p.Y553_Q556del	COSM1189
KIT	chr4:55593591	c.1658_1720delATGAAGTACAGTGGAAGGTTGTTGAGGAGATAAATGGAAACAATTATGTTTACATAGACCCAA	p.Y553_T574delinsS	COSM22275
KIT	chr4:55593592	c.1658A>G	p.Y553C	COSM4413463
KIT	chr4:55593593	c.1660_1686delGAAGTACAGTGGAAGGTTGTTGAGGAG	p.E554_E562del	COSM36310
KIT	chr4:55593593	c.1660_1716delGAAGTACAGTGGAAGGTTGTTGAGGAGATAAATGGAAACAATTATGTTTACATAGAC	p.E554_D572del	COSM36294
KIT	chr4:55593593	c.1661_1675delAAGTACAGTGGAAGG	p.E554_K558del	COSM1192
KIT	chr4:55593592	c.1661_1678delAAGTACAGTGGAAGGTTG	p.E554_V559del	OMINDEL701
KIT	chr4:55593591	c.1661_1693delAAGTACAGTGGAAGGTTGTTGAGGAGATAAATG	p.E554_N564del	COSM96947
KIT	chr4:55593593	c.1662_1685delAGTACAGTGGAAGGTTGTTGAGGA	p.V555_E562del	COSM1194
KIT	chr4:55593593	c.1662_1715delAGTACAGTGGAAGGTTGTTGAGGAGATAAATGGAAACAATTATGTTTACATAGA	p.E554_I571del	COSM36291
KIT	chr4:55593596	c.1663_1668delGTACAG	p.V555_Q556del	COSM1201
KIT	chr4:55593595	c.1663_1689delGTACAGTGGAAGGTTGTTGAGGAGATA	p.V555_I563del	COSM1196
KIT	chr4:55593595	c.1663_1695delGTACAGTGGAAGGTTGTTGAGGAGATAAATGGA	p.V555_G565del	COSM37027
KIT	chr4:55593596	c.1663_1710delGTACAGTGGAAGGTTGTTGAGGAGATAAATGGAAACAATTATGTTTAC	p.V555_Y570del	COSM1197
KIT	chr4:55593595	c.1663_1719delGTACAGTGGAAGGTTGTTGAGGAGATAAATGGAAACAATTATGTTTACATAGACCCA	p.V555_P573del	COSM1203
KIT	chr4:55593596	c.1664_1681delTACAGTGGAAGGTTGTTG	p.V555_V560del	COSM1202

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
KIT	chr4:55593597	c.1664_1696delTACAGTGGAAGGTTGTTGAGGAGAT AAATGGAA	p.V555_N566delinsD	COSM96870
KIT	chr4:55593595	c.1664_1714delTACAGTGGAAGGTTGTTGAGGAGAT AAATGGAAACAATTATGTTTACATAG	p.V555_I571del	COSM1200
KIT	chr4:55593599	c.1665_1672delACAGTGGAinsGC	p.W557_K558del	COSM6986076
KIT	chr4:55593596	c.1665_1676delACAGTGGAAGGT	p.Q556_V559del	COSM1199
KIT	chr4:55593596	c.1665_1679delACAGTGGAAGGTTGT	p.Q556_V560del	COSM1198
KIT	chr4:55593599	c.1665_1696delACAGTGGAAGGTTGTTGAGGAGATA AATGGAAinsTTCCAACAACCTTCCACTGT	p.Q556_N566delinsSNNLPLY	COSM27903
KIT	chr4:55593599	c.1666_1671delCAGTGG	p.Q556_W557del	COSM36309
KIT	chr4:55593599	c.1666_1674delCAGTGGAAG	p.Q556_K558del	COSM23418
KIT	chr4:55593599	c.1666_1677delCAGTGGAAGGTT	p.Q556_V559del	COSM36315
KIT	chr4:55593600	c.1666_1678delCAGTGGAAGGTTGinsT	p.Q556_V560delinsF	COSM1207
KIT	chr4:55593599	c.1666_1680delCAGTGGAAGGTTGTT	p.Q556_V560del	COSM1204
KIT	chr4:55593600	c.1666_1680delCAGTGGAAGGTTGTTinsACAACCTTC	p.Q556_V560delinsTTF	COSM27904
KIT	chr4:55593599	c.1666_1683delCAGTGGAAGGTTGTTGAG	p.Q556_E561del	COSM1206
KIT	chr4:55593598	c.1666_1719delCAGTGGAAGGTTGTTGAGGAGATAA ATGGAAACAATTATGTTTACATAGACCCA	p.Q556_P573del	COSM36308
KIT	chr4:55593600	c.1667_1669delAGT	p.Q556_W557delinsR	COSM133642
KIT	chr4:55593601	c.1667_1673delAGTGGAAinsG	p.Q556_K558delinsR	COSM28993
KIT	chr4:55593601	c.1667_1680delAGTGGAAGGTTGTTinsGTGGA	p.Q556_V560delinsRG	COSM6954545
KIT	chr4:55593600	c.1667_1687delAGTGGAAGGTTGTTGAGGAGA	p.Q556_I563delinsL	COSM1651755
KIT	chr4:55593599	c.1667_1729delAGTGGAAGGTTGTTGAGGAGATAAA TGGAAACAATTATGTTTACATAGACCCAACACAACTT C	p.Q556_L576del	COSM1205
KIT	chr4:55593601	c.1668_1676delGTGGAAGGT	p.Q556_V559delinsH	COSM133641
KIT	chr4:55593602	c.1668_1676delGTGGAAGGTinsTAC	p.Q556_V559delinsHT	COSM1214
KIT	chr4:55593601	c.1668_1679delGTGGAAGGTTGT	p.Q556_V560delinsH	COSM1213
KIT	chr4:55593602	c.1668_1682delGTGGAAGGTTGTTGAinsACCTTC	p.W557_E561delinsPS	COSM6922994
KIT	chr4:55593602	c.1668_1683delGTGGAAGGTTGTTGAGinsACAA	p.W557_E561delinsQ	COSM6954755
KIT	chr4:55593602	c.1668_1683delGTGGAAGGTTGTTGAGinsTCAT	p.Q556_E561delinsHH	COSM1208
KIT	chr4:55593601	c.1668_1712delGTGGAAGGTTGTTGAGGAGATAAAT GGAAACAATTATGTTTACAT	p.W557_I571del	COSM1365
KIT	chr4:55593600	c.1668_1715delGTGGAAGGTTGTTGAGGAGATAAAT GGAAACAATTATGTTTACATAGA	p.Q556_D572delinsH	COSM1212

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
KIT	chr4:55593598	c.1668_1724delGTGGAAGGTTGTTGAGGAGATAAAT GGAAACAATTATGTTTACATAGACCCAACACA	p.W557_Q575del	COSM1209
KIT	chr4:55593601	c.1669_1671delTGG	p.W557del	COSM1220
KIT	chr4:55593603	c.1669_1672delTGGAinsC	p.W557_K558delinsQ	COSM6946777
KIT	chr4:55593603	c.1669_1672delTGGAinsG	p.W557_K558delinsE	COSM24748
KIT	chr4:55593600	c.1669_1674delTGGAAG	p.W557_K558del	COSM1217
KIT	chr4:55593603	c.1669_1675delTGGAAGGinsA	p.W557_V559delinsI	COSM1222
KIT	chr4:55593602	c.1669_1677delTGGAAGGTT	p.W557_V559del	COSM1218
KIT	chr4:55593602	c.1669_1680delTGGAAGGTTGTT	p.W557_V560del	COSM1223
KIT	chr4:55593600	c.1669_1683delTGGAAGGTTGTTGAG	p.W557_E561del	COSM1332
KIT	chr4:55593600	c.1669_1686delTGGAAGGTTGTTGAGGAG	p.W557_E562del	COSM36312
KIT	chr4:55593602	c.1669_1725delTGGAAGGTTGTTGAGGAGATAAATG GAAACAATTATGTTTACATAGACCCAACACAA	p.W557_Q575del	COSM133639
KIT	chr4:55593603	c.1669T>A	p.W557R	COSM1216
KIT	chr4:55593603	c.1669T>C	p.W557R	COSM1219
KIT	chr4:55593603	c.1669T>G	p.W557G	COSM1221
KIT	chr4:55593603	c.1670_1673delGGAAinsCTTC	p.[W557S;K558S]	COSM96948
KIT	chr4:55593602	c.1670_1674delGGAAGinsTTCCT	p.[W557F;K558P]	COSM1224
KIT	chr4:55593603	c.1670_1675delGGAAGG	p.W557_V559delinsF	COSM1226
KIT	chr4:55593603	c.1670_1678delGGAAGGTTG	p.W557_V560delinsF	COSM1230
KIT	chr4:55593603	c.1670_1717delGGAAGGTTGTTGAGGAGATAAATGG AAACAATTATGTTTACATAGACC	p.W557_P573delinsS	COSM1229
KIT	chr4:55593604	c.1670G>C	p.W557S	COSM1227
KIT	chr4:55593605	c.1671_1673delGAAinsCAC	p.[W557C;K558T]	COSM28992
KIT	chr4:55593605	c.1671_1673delGAAinsTCC	p.[W557C;K558P]	COSM21978
KIT	chr4:55593605	c.1671_1674delGAAGinsC	p.W557_K558delinsC	COSM96887
KIT	chr4:55593604	c.1671_1676delGAAGGT	p.W557_V559delinsC	COSM1233
KIT	chr4:55593604	c.1671_1679delGAAGGTTGT	p.W557_V560delinsC	COSM1232
KIT	chr4:55593605	c.1671G>C	p.W557C	COSM133700
KIT	chr4:55593604	c.1671G>T	p.W557C	COSM19108
KIT	chr4:55593604	c.1672_1674delAAG	p.K558del	COSM6008996
KIT	chr4:55593603	c.1672_1676delAAGGTinsTCTTC	p.[K558S;V559S]	COSM28637
KIT	chr4:55593605	c.1672_1677delAAGGTT	p.K558_V559del	COSM1235
KIT	chr4:55593605	c.1672_1680delAAGGTTGTT	p.K558_V560del	COSM1234

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
KIT	chr4:55593606	c.1672_1680delAAGGTTGTTinsTTG	p.K558_V560delinsL	COSM6940807
KIT	chr4:55593605	c.1672_1692delAAGGTTGTTGAGGAGATAAAT	p.K558_N564del	COSM1238
KIT	chr4:55593605	c.1672_1716delAAGGTTGTTGAGGAGATAAATGGAAA CAATTATGTTTACATAGAC	p.K558_D572del	COSM1237
KIT	chr4:55593605	c.1672_1725delAAGGTTGTTGAGGAGATAAATGGAAA CAATTATGTTTACATAGACCCAACACAA	p.K558_Q575del	COSM36303
KIT	chr4:55593607	c.1673_1674insTCC	p.K558delinsNP	COSM21976
KIT	chr4:55593606	c.1673_1678delAGGTTG	p.K558_V560delinsI	COSM1241
KIT	chr4:55593607	c.1673_1680delAGGTTGTTinsTG	p.K558_V560delinsM	COSM1242
KIT	chr4:55593604	c.1673_1687delAGGTTGTTGAGGAGA	p.K558_E562del	COSM18896
KIT	chr4:55593606	c.1673_1693delAGGTTGTTGAGGAGATAAATG	p.K558_G565delinsR	COSM1240
KIT	chr4:55593608	c.1674_1674delGinsTCCT	p.K558delinsNP	COSM1245
KIT	chr4:55593607	c.1674_1676delGGT	p.K558_V559delinsN	COSM1244
KIT	chr4:55593607	c.1674_1679delGGTTGT	p.K558_V560delinsN	COSM27069
KIT	chr4:55593607	c.1674_1694delGGTTGTTGAGGAGATAAATGG	p.V559_G565del	COSM6971633
KIT	chr4:55593605	c.1674_1697delGGTTGTTGAGGAGATAAATGGAAA	p.K558_G565del	COSM1236
KIT	chr4:55593606	c.1674_1709delGGTTGTTGAGGAGATAAATGGAAACA ATTATGTTTA	p.K558_Y570delinsN	COSM28991
KIT	chr4:55593608	c.1674G>C	p.K558N	COSM19216
KIT	chr4:55593606	c.1674G>T	p.K558N	OM3238
KIT	chr4:55593609	c.1675_1676delGTinsCC	p.V559P	COSM1272086
KIT	chr4:55593607	c.1675_1676delGTinsTG	p.V559C	OM3239
KIT	chr4:55593608	c.1675_1677delGTTinsAAG	p.V559K	COSM96869
KIT	chr4:55593608	c.1675_1695delGTTGTTGAGGAGATAAATGGA	p.V559_G565del	COSM1249
KIT	chr4:55593608	c.1675_1728delGTTGTTGAGGAGATAAATGGAAACAA TTATGTTTACATAGACCCAACACAACTT	p.V559_L576del	COSM36300
KIT	chr4:55593609	c.1675G>A	p.V559I	COSM1251
KIT	chr4:55593608	c.1676_1681delTTGTTG	p.V559_V560del	COSM1248
KIT	chr4:55593606	c.1676_1684delTTGTTGAGG	p.V559_E561del	COSM1250
KIT	chr4:55593609	c.1676_1696delTTGTTGAGGAGATAAATGGAA	p.V559_N566delinsD	COSM6977976
KIT	chr4:55593608	c.1676_1714delTTGTTGAGGAGATAAATGGAAACAAT TATGTTTACATAG	p.V559_I571del	COSM36301
KIT	chr4:55593609	c.1676_1717delTTGTTGAGGAGATAAATGGAAACAAT TATGTTTACATAGACC	p.V559_P573delinsA	COSM30545
KIT	chr4:55593609	c.1676T>A	p.V559D	COSM1252

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
KIT	chr4:55593609	c.1676T>C	p.V559A	COSM1255
KIT	chr4:55593609	c.1676T>G	p.V559G	COSM1253
KIT	chr4:55593609	c.1677_1688delTGTTGAGGAGAT	p.V560_I563del	COSM18897
KIT	chr4:55593609	c.1678_1728delGTTGAGGAGATAAATGGAAACAATTATGTTTACATAGACCCAACACAACTT	p.V560_L576del	COSM36293
KIT	chr4:55593613	c.1679_1680delTTinsAG	p.V560E	COSM1333
KIT	chr4:55593608	c.1679_1681delTTG	p.V560del	COSM1247
KIT	chr4:55593611	c.1679_1714delTTGAGGAGATAAATGGAAACAATTATGTTTACATAG	p.V560_I571del	COSM133640
KIT	chr4:55593613	c.1679T>A	p.V560D	COSM1257
KIT	chr4:55593613	c.1679T>C	p.V560A	COSM36302
KIT	chr4:55593613	c.1679T>G	p.V560G	COSM1260
KIT	chr4:55593613	c.1680_1682delTGA	p.E562del	COSM1262
KIT	chr4:55593614	c.1684_1686delGAG	p.E562del	COSM1263
KIT	chr4:55593619	c.1686_1706delGATAAATGGAAACAATTATGT	p.E562_V569delinsD	COSM1267
KIT	chr4:55593620	c.1687_1716delATAAATGGAAACAATTATGTTTACATAGAC	p.I563_D572del	COSM1268
KIT	chr4:55593620	c.1687_1728delATAAATGGAAACAATTATGTTTACATAGACCCAACACAACTT	p.I563_L576del	COSM29442
KIT	chr4:55593621	c.1689_1727delAAATGGAAACAATTATGTTTACATAGACCCAACACAACT	p.N564_L576del	OMINDEL903
KIT	chr4:55593622	c.1690_1722delAATGGAAACAATTATGTTTACATAGACCCAACA	p.N564_T574del	COSM24839
KIT	chr4:55593623	c.1690_1728delAATGGAAACAATTATGTTTACATAGACCCAACACAACTT	p.N564_L576del	COSM1270
KIT	chr4:55593623	c.1690_1731delAATGGAAACAATTATGTTTACATAGACCCAACACAACTTCCT	p.N564_P577del	COSM1269
KIT	chr4:55593623	c.1690_1734delAATGGAAACAATTATGTTTACATAGACCCAACACAACTTCCTTAT	p.N564_Y578del	COSM23560
KIT	chr4:55593624	c.1691_1717delATGGAAACAATTATGTTTACATAGACC	p.N564_P573delinsT	COSM36299
KIT	chr4:55593625	c.1691_1717delATGGAAACAATTATGTTTACATAGACCinsCCT	p.N564_P573delinsTS	COSM22376
KIT	chr4:55593628	c.1697_1720delACAATTATGTTTACATAGACCCAA	p.N566_P573del	COSM6948216
KIT	chr4:55593632	c.1700_1720delATTATGTTTACATAGACCCAA	p.N567_P573del	COSM1276
KIT	chr4:55593635	c.1702_1722delTATGTTTACATAGACCCAACA	p.Y568_T574del	COSM1334
KIT	chr4:55593637	c.1703_1726delATGTTTACATAGACCCAACACAACinsGTG	p.Y568_L576delinsCV	COSM1279

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
KIT	chr4:55593638	c.1705_1716delGTTTACATAGAC	p.V569_D572del	COSM1282
KIT	chr4:55593638	c.1705_1725delGTTTACATAGACCCAACACAA	p.V569_Q575del	COSM1281
KIT	chr4:55593637	c.1705_1728delGTTTACATAGACCCAACACAACTT	p.V569_L576del	COSM133635
KIT	chr4:55593640	c.1706_1727delTTTACATAGACCCAACACAACTinsG	p.V569_L576delinsG	COSM1283
KIT	chr4:55593639	c.1708_1728delTACATAGACCCAACACAACTT	p.Y570_L576del	COSM1285
KIT	chr4:55593642	c.1708T>C	p.Y570H	COSM1430152
KIT	chr4:55593640	c.1710_1733delCATAGACCCAACACAACTTCCTTA	p.I571_Y578del	OMINDEL1186
KIT	chr4:55593644	c.1711_1728delATAGACCCAACACAACTT	p.I571_L576del	COSM133754
KIT	chr4:55593657	c.1723_1729delCAACTTCinsA	p.Q575_P577delinsT	COSM96865
KIT	chr4:55593656	c.1723_1731delCAACTTCCT	p.Q575_P577del	COSM219110
KIT	chr4:55593657	c.1723_1731delCAACTTCCTinsACA	p.Q575_P577delinsT	COSM219110old
KIT	chr4:55593655	c.1724_1726delAAC	p.Q575del	COSM96875
KIT	chr4:55593656	c.1724_1729delAACTTC	p.Q575_L576del	COSM6987753
KIT	chr4:55593660	c.1726C>T	p.L576F	COSM33966
KIT	chr4:55593659	c.1727_1729delTTC	p.L576del	COSM1289
KIT	chr4:55593661	c.1727T>C	p.L576P	COSM1290
KIT	chr4:55593661	c.1727T>G	p.L576R	COSM5945006
KIT	chr4:55593656	c.1729_1730insAACTTC	p.Q575_L576dup	COSM1292
KIT	chr4:55593661	c.1729_1731delCCT	p.P577del	COSM1684822
KIT	chr4:55593661	c.1729_1734delCCTTAT	p.P577_Y578del	COSM1291
KIT	chr4:55593661	c.1730_1738delCTTATGATC	p.P577_D579del	COSM98379
KIT	chr4:55593667	c.1733A>G	p.Y578C	COSM6503446
KIT	chr4:55593666	c.1735_1737delGAT	p.D579del	COSM1294
KIT	chr4:55593653	c.1737_1738insACACAACTTCCTTATGAT	p.T574_D579dup	OMINDEL702
KIT	chr4:55593644	c.1737_1738insATAGACCCAACACAACTTCCTTATGAT	p.I571_D579dup	COSM23417
KIT	chr4:55593647	c.1737_1738insGACCCAACACAACTTCCTTATGAT	p.D572_D579dup	COSM308544
KIT	chr4:55593663	c.1737_1738insTCTTATGAT	p.D579_H580insSYD	COSM96866
KIT	chr4:55593669	c.1737_1739delTCA	p.H580del	COSM1295
KIT	chr4:55593650	c.1738_1739insCAACACAACTTCCTTATGATC	p.P573_D579dup	COSM18668
KIT	chr4:55593661	c.1739_1740insTCCTTATGATCA	p.P577_H580dup	COSM1296
KIT	chr4:55593648	c.1740_1741insCCAACACAACTTCCTTATGATCAC	p.P573_H580dup	COSM34126
KIT	chr4:55593662	c.1740_1741insCCTTATGATCAC	p.P577_H580dup	COSM18666

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
KIT	chr4:55593665	c.1740_1741insTATGATCAC	p.Y578_H580dup	COSM28995
KIT	chr4:55593660	c.1754_1755insTTATGATCACAAATGGGAGTTTCC	p.Y578_P585dup	COSM41632
KIT	chr4:55594221	c.1924A>C	p.K642Q	COSM96871
KIT	chr4:55594221	c.1924A>G	p.K642E	COSM1304
KIT	chr4:55594223	c.1926A>C	p.K642N	COSM4125155
KIT	chr4:55594255	c.1958T>C	p.I653T	COSM19326
KIT	chr4:55594257	c.1960G>T	p.V654L	COSM5941904
KIT	chr4:55594258	c.1961T>C	p.V654A	COSM12706
KIT	chr4:55594261	c.1964A>C	p.N655T	OM3303
KIT	chr4:55594261	c.1964A>G	p.N655S	OM3302
KIT	chr4:55594262	c.1965T>A	p.N655K	COSM4413464
KIT	chr4:55594262	c.1965T>G	p.N655K	COSM235682
KIT	chr4:55595518	c.2008_2009delACinsGA	p.T670E	COSM19293
KIT	chr4:55595518	c.2008A>G	p.T670A	OM3304
KIT	chr4:55595519	c.2009C>T	p.T670I	COSM12708
KIT	chr4:55595550	c.2040T>G	p.N680K	COSM5352270
KIT	chr4:55595599	c.2089C>T	p.H697Y	COSM36053
KIT	chr4:55599260	c.2386_2387delAGinsCC	p.R796P	COSM1272092
KIT	chr4:55599260	c.2386_2387delAGinsGC	p.R796A	COSM1272091
KIT	chr4:55599260	c.2386A>G	p.R796G	COSM51381
KIT	chr4:55599261	c.2387G>A	p.R796K	COSM1600411
KIT	chr4:55599320	c.2446_2447delGAinsAT	p.D816I	COSM21979
KIT	chr4:55599320	c.2446_2447delGAinsTT	p.D816F	COSM1312
KIT	chr4:55599320	c.2446_2448delGACinsCAT	p.D816H	COSM1600404
KIT	chr4:55599320	c.2446G>A	p.D816N	COSM1313
KIT	chr4:55599320	c.2446G>C	p.D816H	COSM1311
KIT	chr4:55599320	c.2446G>T	p.D816Y	COSM1310
KIT	chr4:55599321	c.2447A>C	p.D816A	COSM24675
KIT	chr4:55599321	c.2447A>G	p.D816G	COSM12711
KIT	chr4:55599320	c.2447A>T	p.D816V	COSM1314
KIT	chr4:55599322	c.2448C>A	p.D816E	COSM5749965
KIT	chr4:55599322	c.2448C>G	p.D816E	COSM19285
KIT	chr4:55599332	c.2458G>A	p.D820N	COSM17947

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
KIT	chr4:55599332	c.2458G>C	p.D820H	COSM22379
KIT	chr4:55599332	c.2458G>T	p.D820Y	COSM12710
KIT	chr4:55599333	c.2459A>C	p.D820A	COSM133670
KIT	chr4:55599333	c.2459A>G	p.D820G	COSM1316
KIT	chr4:55599333	c.2459A>T	p.D820V	COSM1317
KIT	chr4:55599334	c.2460T>A	p.D820E	COSM12709
KIT	chr4:55599334	c.2460T>G	p.D820E	COSM19280
KIT	chr4:55599338	c.2464A>C	p.N822H	COSM1318
KIT	chr4:55599338	c.2464A>T	p.N822Y	COSM19109
KIT	chr4:55599339	c.2465A>G	p.N822S	COSM33975
KIT	chr4:55599339	c.2465A>T	p.N822I	COSM3604523
KIT	chr4:55599340	c.2466T>A	p.N822K	COSM1321
KIT	chr4:55599340	c.2466T>G	p.N822K	COSM1322
KIT	chr4:55599341	c.2467T>A	p.Y823N	COSM22378
KIT	chr4:55599341	c.2467T>C	p.Y823H	COSM1651649
KIT	chr4:55599341	c.2467T>G	p.Y823D	COSM18681
KIT	chr4:55599342	c.2468A>G	p.Y823C	COSM18682
KIT	chr4:55599347	c.2473G>A	p.V825I	COSM19110
KIT	chr4:55599348	c.2474T>C	p.V825A	COSM1323
KIT	chr4:55602664	c.2485G>C	p.A829P	COSM13172
KIT	chr4:55602665	c.2486C>T	p.A829V	COSM133757
KIT	chr4:55602692	c.2513C>T	p.P838L	OM3240
KRAS	chr12:25380283	c.175G>A	p.A59T	COSM546
KRAS	chr12:25380283	c.175G>T	p.A59S	COSM1235389
KRAS	chr12:25380282	c.176C>A	p.A59E	COSM547
KRAS	chr12:25380282	c.176C>G	p.A59G	COSM28518
KRAS	chr12:25380277	c.180_181delTCinsAA	p.[G60=;Q61K]	COSM87298
KRAS	chr12:25380277	c.181C>A	p.Q61K	COSM549
KRAS	chr12:25380277	c.181C>G	p.Q61E	COSM550
KRAS	chr12:25380275	c.182_183delAAinsGT	p.Q61R	COSM1168052
KRAS	chr12:25380276	c.182A>C	p.Q61P	COSM551
KRAS	chr12:25380276	c.182A>G	p.Q61R	COSM552
KRAS	chr12:25380276	c.182A>T	p.Q61L	COSM553

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
KRAS	chr12:25380275	c.183A>C	p.Q61H	COSM554
KRAS	chr12:25380275	c.183A>T	p.Q61H	COSM555
KRAS	chr12:25398284	c.34_35delGGinsAA	p.G12N	COSM13643
KRAS	chr12:25398284	c.34_35delGGinsAT	p.G12I	COSM34144
KRAS	chr12:25398284	c.34_35delGGinsCT	p.G12L	COSM514
KRAS	chr12:25398284	c.34_35delGGinsTA	p.G12Y	COSM25081
KRAS	chr12:25398284	c.34_35delGGinsTT	p.G12F	COSM512
KRAS	chr12:25398283	c.34_36delGGTinsTGC	p.G12C	COSM513
KRAS	chr12:25398283	c.34_36delGGTinsTGG	p.G12W	COSM36281
KRAS	chr12:25378649	c.349A>G	p.K117E	COSM6854421
KRAS	chr12:25398284	c.34G>A	p.G12S	COSM517
KRAS	chr12:25398284	c.34G>C	p.G12R	COSM518
KRAS	chr12:25398284	c.34G>T	p.G12C	COSM516
KRAS	chr12:25398283	c.35_36delGTinsAA	p.G12E	COSM519
KRAS	chr12:25398283	c.35_36delGTinsAC	p.G12D	COSM14209
KRAS	chr12:25398283	c.35_36delGTinsAG	p.G12E	COSM30566
KRAS	chr12:25398283	c.35_36delGTinsTC	p.G12V	COSM515
KRAS	chr12:25378648	c.350A>G	p.K117R	COSM4696721
KRAS	chr12:25378647	c.351A>C	p.K117N	COSM19940
KRAS	chr12:25378647	c.351A>T	p.K117N	COSM28519
KRAS	chr12:25398283	c.35G>A	p.G12D	COSM521
KRAS	chr12:25398284	c.35G>C	p.G12A	COSM522
KRAS	chr12:25398283	c.35G>T	p.G12V	COSM520
KRAS	chr12:25398282	c.36_37delTGinsAT	p.[G12=;G13C]	COSM87281
KRAS	chr12:25398281	c.37_38delGGinsAA	p.G13N	COSM53283
KRAS	chr12:25398281	c.37_38delGGinsAT	p.G13I	COSM525
KRAS	chr12:25398280	c.37_39delGGCinsCGT	p.G13R	COSM526
KRAS	chr12:25398282	c.37G>A	p.G13S	COSM528
KRAS	chr12:25398282	c.37G>C	p.G13R	COSM529
KRAS	chr12:25398282	c.37G>T	p.G13C	COSM527
KRAS	chr12:25398280	c.38_39delGCinsAA	p.G13E	COSM87280
KRAS	chr12:25398280	c.38_39delGCinsAG	p.G13E	COSM30567
KRAS	chr12:25398280	c.38_39delGCinsAT	p.G13D	COSM531

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
KRAS	chr12:25398280	c.38_39delGCinsTG	p.G13V	COSM530
KRAS	chr12:25398280	c.38_39delGCinsTT	p.G13V	COSM12721
KRAS	chr12:25398279	c.38_40delGCGinsACA	p.[G13D;V14I]	COSM30568
KRAS	chr12:25398280	c.38G>A	p.G13D	COSM532
KRAS	chr12:25398281	c.38G>C	p.G13A	COSM533
KRAS	chr12:25398280	c.38G>T	p.G13V	COSM534
KRAS	chr12:25378562	c.436G>A	p.A146T	COSM19404
KRAS	chr12:25378562	c.436G>C	p.A146P	COSM19905
KRAS	chr12:25378562	c.436G>T	p.A146S	COSM5967494
KRAS	chr12:25378561	c.437C>G	p.A146G	COSM1360828
KRAS	chr12:25378561	c.437C>T	p.A146V	COSM19900
KRAS	chr12:25398276	c.43G>A	p.G15S	COSM538
KRAS	chr12:25398275	c.44G>A	p.G15D	COSM539
MAP2K1	chr15:66727441	c.157T>A	p.F53I	COSM3503329
MAP2K1	chr15:66727441	c.157T>C	p.F53L	COSM555604
MAP2K1	chr15:66727441	c.157T>G	p.F53V	COSM5077832
MAP2K1	chr15:66727442	c.158T>A	p.F53Y	COSM5588244
MAP2K1	chr15:66727442	c.158T>C	p.F53S	ClinVar13350
MAP2K1	chr15:66727442	c.158T>G	p.F53C	COSM1562837
MAP2K1	chr15:66727443	c.159T>A	p.F53L	COSM1725008
MAP2K1	chr15:66727443	c.159T>G	p.F53L	COSM2257208
MAP2K1	chr15:66727451	c.167A>C	p.Q56P	COSM1235481
MAP2K1	chr15:66727453	c.169A>C	p.K57Q	OM3155
MAP2K1	chr15:66727453	c.169A>G	p.K57E	COSM5369532
MAP2K1	chr15:66727454	c.170A>C	p.K57T	COSM4756761
MAP2K1	chr15:66727454	c.170A>T	p.K57M	MAN124
MAP2K1	chr15:66727455	c.171G>C	p.K57N	COSM5520914
MAP2K1	chr15:66727455	c.171G>T	p.K57N	COSM1235478
MAP2K1	chr15:66727462	c.178G>A	p.V60M	OM3576
MAP2K1	chr15:66727463	c.179T>A	p.V60E	COSM2257209
MAP2K1	chr15:66729136	c.344T>C	p.L115P	OM3248
MAP2K1	chr15:66729153	c.361T>A	p.C121S	COSM555601
MAP2K1	chr15:66729154	c.362G>C	p.C121S	COSM1315829

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
MAP2K1	chr15:66729162	c.370C>T	p.P124S	COSM235614
MAP2K1	chr15:66729163	c.371C>A	p.P124Q	COSM1167912
MAP2K1	chr15:66729163	c.371C>T	p.P124L	COSM1315861
MAP2K1	chr15:66729175	c.383G>A	p.G128D	COSM1374186
MAP2K1	chr15:66729175	c.383G>T	p.G128V	COSM1517232
MAP2K1	chr15:66729177	c.385T>C	p.F129L	OM3249
MAP2K1	chr15:66729179	c.387C>A	p.F129L	COSM1235480
MAP2K1	chr15:66729179	c.387C>G	p.F129L	OM3250
MAP2K1	chr15:66774131	c.607G>A	p.E203K	COSM232755
MAP2K1	chr15:66774132	c.608A>T	p.E203V	COSM3386991
MAP2K1	chr15:66774156	c.632T>A	p.V211D	OM3251
MAP2K1	chr15:66774168	c.644T>C	p.L215P	OM3252
MAP2K2	chr19:4117617	c.103G>A	p.V35M	COSM5855836
MAP2K2	chr19:4110584	c.373T>A	p.C125S	COSM5855814
MAP2K2	chr19:4110581	c.376A>G	p.N126D	COSM1731742
MET	chr7:116411889	c.2942-13_2942-2delTCTCTGTTTTAA	p.?	OMINDEL682
MET	chr7:116411888	c.2942-14_2942-3delCTCTCTGTTTTA	p.?	OMINDEL680
MET	chr7:116411888	c.2942-14_2944delCTCTCTGTTTTAAGATC	p.?	OMINDEL681
MET	chr7:116411887	c.2942-15_2946delTCTCTCTGTTTTAAGATCTG	p.?	COSM6948341
MET	chr7:116411886	c.2942-16_2942-2delTTCTCTCTGTTTTAA	p.?	COSM6947399
MET	chr7:116411886	c.2942-16_2942-3delTTCTCTCTGTTTTA	p.?	OMINDEL642
MET	chr7:116411886	c.2942-16_2944delTTCTCTCTGTTTTAAGATC	p.?	OMINDEL679
MET	chr7:116411886	c.2942-17_2942-1delinsAA	p.?	OMINDEL677
MET	chr7:116411885	c.2942-17_2942-1delTTTCTCTCTGTTTTAAG	p.?	OMINDEL697
MET	chr7:116411886	c.2942-17_2942-7delinsC	p.?	OMINDEL712
MET	chr7:116411885	c.2942-17_2942delTTTCTCTCTGTTTTAAGA	p.?	OMINDEL640
MET	chr7:116411884	c.2942-18_2942-2delCTTTCTCTCTGTTTTAA	p.?	COSM6057022
MET	chr7:116411884	c.2942-18_2942-8delCTTTCTCTCTG	p.?	COSM29636
MET	chr7:116411883	c.2942-19_2942-3delTCTTTCTCTCTGTTTTA	p.?	COSM6056834
MET	chr7:116411883	c.2942-19_2942delTCTTTCTCTCTGTTTTAAGA	p.?	COSM6930439
MET	chr7:116411901	c.2942-1delG	p.?	OMINDEL808
MET	chr7:116411902	c.2942-1G>A	p.?	OM3177
MET	chr7:116411902	c.2942-1G>T	p.?	OM3178

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
MET	chr7:116411901	c.2942-2_2942-1insC	p.?	OMINDEL685
MET	chr7:116411882	c.2942-20_2942-10delTTCTTTCTCTC	p.?	OMINDEL710
MET	chr7:116411883	c.2942-20_2942-19delinsAGAG	p.?	OMINDEL804
MET	chr7:116411882	c.2942-20_2942-1delTTCTTTCTCTCTGTTTTAAG	p.?	COSM6056832
MET	chr7:116411882	c.2942-20_2942-2delTTCTTTCTCTCTGTTTTAA	p.?	OMINDEL675
MET	chr7:116411882	c.2942-20_2942-3delTTCTTTCTCTCTGTTTTA	p.?	OMINDEL676
MET	chr7:116411881	c.2942-21_2942-1delTTTCTTTCTCTCTGTTTTAAG	p.?	COSM6980941
MET	chr7:116411882	c.2942-21_2942-20delinsGC	p.?	COSM8631602
MET	chr7:116411881	c.2942-21_2942-7delTTTCTTTCTCTCTGT	p.?	OMINDEL709
MET	chr7:116411881	c.2942-21_2942delTTTCTTTCTCTCTGTTTTAAGA	p.?	COSM49015
MET	chr7:116411880	c.2942-22_2942-3delCTTTCTTTCTCTCTGTTTTA	p.?	OMINDEL674
MET	chr7:116411878	c.2942-24_2942-13delCTCTTTCTTTCT	p.?	OMINDEL708
MET	chr7:116411875	c.2942-27_2942-6delAAGCTCTTTCTTTCTCTCTGTT	p.?	COSM24688
MET	chr7:116411874	c.2942-29_2942-28delinsGG	p.?	OM3305
MET	chr7:116411867	c.2942-35_2942-20delTCTTTAACAAGCTCTT	p.?	OMINDEL803
MET	chr7:116411866	c.2942-36_2942-20delGTCTTTAACAAGCTCTT	p.?	OMINDEL802
MET	chr7:116411854	c.2942-48_2942-29delCCCATGATAGCCGTCTTTAA	p.?	COSM29635
MET	chr7:116411898	c.2942-5_2944delinsA	p.?	OMINDEL706
MET	chr7:116411897	c.2942-5_2944delinsATA	p.?	OMINDEL684
MET	chr7:116411897	c.2942-6_2942-1delinsA	p.?	COSM6976260
MET	chr7:116411896	c.2942-6_2942-2delinsG	p.?	OMINDEL683
MET	chr7:116411893	c.2942-9_2942-7delinsGG	p.?	OMINDEL1785
MET	chr7:116412023	c.3062A>C	p.Y1021S	COSM7450124
MET	chr7:116412023	c.3062A>T	p.Y1021F	COSM339515
MET	chr7:116412025	c.3065_3082+5delGAGCTACTTTTCCAGAAGGTATA	p.?	OMINDEL809
MET	chr7:116412026	c.3066_3081delAGCTACTTTTCCAGAA	p.A1023IfsTer19	OMINDEL810
MET	chr7:116412029	c.3069_3082+1delTACTTTTCCAGAAGG	p.?	COSM6057025
MET	chr7:116412031	c.3071_3082+4delCTTTTCCAGAAGGTAT	p.?	OMINDEL686
MET	chr7:116412032	c.3072_3082+5delTTTTCCAGAAGGTATA	p.?	COSM6977526
MET	chr7:116412032	c.3072_3082+7delTTTTCCAGAAGGTATATT	p.?	COSM6937267
MET	chr7:116412033	c.3073_3082+11delTTTCCAGAAGGTATATTTCAG	p.?	OMINDEL654
MET	chr7:116412033	c.3073_3082+1delTTTCCAGAAGG	p.?	OMINDEL655
MET	chr7:116412033	c.3073_3082+5delTTTCCAGAAGGTATA	p.?	OMINDEL811

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
MET	chr7:116412034	c.3074_3082+11delTTCCAGAAGGTATATTTCAG	p.?	OMINDEL656
MET	chr7:116412034	c.3074_3082+3delTTCCAGAAGGTA	p.?	OMINDEL658
MET	chr7:116412036	c.3075_3082+9delinsGGTATATTTT	p.?	OMINDEL687
MET	chr7:116412035	c.3075_3082+9delTCCAGAAGGTATATTTC	p.?	OMINDEL688
MET	chr7:116412036	c.3076_3082+1delCCAGAAGG	p.?	OMINDEL689
MET	chr7:116412037	c.3076_3082+5delinsG	p.?	OMINDEL690
MET	chr7:116412038	c.3077_3082+13delinsATA	p.?	OMINDEL812
MET	chr7:116412037	c.3077_3082+8delCAGAAGGTATATTT	p.?	OMINDEL662
MET	chr7:116412038	c.3078_3082+12delAGAAGGTATATTTCAGT	p.?	OMINDEL813
MET	chr7:116412038	c.3078_3082+13delAGAAGGTATATTTCAGTT	p.?	OMINDEL691
MET	chr7:116412038	c.3078_3082+2delAGAAGGT	p.?	COSM6965225
MET	chr7:116412038	c.3078_3082+7delAGAAGGTATATT	p.?	COSM6911117
MET	chr7:116412039	c.3079_3082+11delGAAGGTATATTTCAG	p.?	OMINDEL693
MET	chr7:116412039	c.3079_3082+1delGAAGG	p.?	OMINDEL814
MET	chr7:116412039	c.3079_3082+7delGAAGGTATATT	p.?	OMINDEL692
MET	chr7:116412040	c.3080_3082+2delAAGGT	p.?	OMINDEL668
MET	chr7:116412041	c.3081_3082+2delAGGT	p.?	OMINDEL694
MET	chr7:116412041	c.3081_3082+4delAGGTAT	p.?	OMINDEL670
MET	chr7:116412042	c.3082_3082+20delGGTATATTTCAGTTTATTGTT	p.?	OMINDEL715
MET	chr7:116412043	c.3082_3082+3delinsCC	p.?	OMINDEL695
MET	chr7:116412043	c.3082+1_3082+2delGT	p.?	OMINDEL696
MET	chr7:116412044	c.3082+1_3082+2insA	p.?	COSM6923013
MET	chr7:116412044	c.3082+1_3082+4delinsAG	p.?	COSM6940825
MET	chr7:116412044	c.3082+1G>A	p.?	COSM6108461
MET	chr7:116412044	c.3082+1G>C	p.?	COSM6928344
MET	chr7:116412044	c.3082+1G>T	p.?	COSM6108462
MET	chr7:116412045	c.3082+2_3082+4delinsACC	p.?	OM3217
MET	chr7:116412044	c.3082+2_3082+5delTATA	p.?	OMINDEL815
MET	chr7:116412044	c.3082+2delT	p.?	COSM6983140
MET	chr7:116412045	c.3082+2T>A	p.?	COSM6947995
MET	chr7:116412045	c.3082+2T>C	p.?	COSM6108460
MET	chr7:116412045	c.3082+2T>G	p.?	OM3185
MET	chr7:116412046	c.3082+3A>C	p.?	OM3186

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
MET	chr7:116412046	c.3082+3A>G	p.?	COSM744044
MET	chr7:116412046	c.3082+3A>T	p.?	OM3188
MET	chr7:116412042	c.3082delG	p.D1028IfsTer19	COSM24687
MET	chr7:116412043	c.3082G>A	p.D1028N	COSM6924587
MET	chr7:116412043	c.3082G>C	p.D1028H	COSM6438141
MET	chr7:116412043	c.3082G>T	p.D1028Y	COSM6917314
MET	chr7:116417463	c.3334C>T	p.H1112Y	COSM696
MET	chr7:116417464	c.3335A>G	p.H1112R	COSM703
MET	chr7:116417464	c.3335A>T	p.H1112L	COSM698
MTOR	chr1:11217303	c.4375G>C	p.A1459P	COSM462619
MTOR	chr1:11217299	c.4379T>C	p.L1460P	COSM462618
MTOR	chr1:11217231	c.4447T>C	p.C1483R	COSM3747775
MTOR	chr1:11217230	c.4448G>A	p.C1483Y	COSM462615
MTOR	chr1:11217230	c.4448G>T	p.C1483F	COSM462616
MTOR	chr1:11217229	c.4449C>G	p.C1483W	OM3149
MTOR	chr1:11190804	c.5395G>A	p.E1799K	COSM180789
MTOR	chr1:11189847	c.5662T>A	p.F1888I	COSM3358968
MTOR	chr1:11189847	c.5662T>C	p.F1888L	COSM3358967
MTOR	chr1:11189847	c.5662T>G	p.F1888V	COSM893814
MTOR	chr1:11189845	c.5664C>A	p.F1888L	COSM893813
MTOR	chr1:11189845	c.5664C>G	p.F1888L	COSM462604
MTOR	chr1:11188165	c.5929A>T	p.T1977S	COSM1289945
MTOR	chr1:11188164	c.5930C>A	p.T1977K	COSM462601
MTOR	chr1:11188164	c.5930C>G	p.T1977R	COSM462602
MTOR	chr1:11188164	c.5930C>T	p.T1977I	COSM6241477
MTOR	chr1:11188078	c.6016G>A	p.V2006I	COSM893804
MTOR	chr1:11188078	c.6016G>C	p.V2006L	COSM1134662
MTOR	chr1:11188078	c.6016G>T	p.V2006F	COSM249481
MTOR	chr1:11187096	c.6322T>C	p.F2108L	OM3220
MTOR	chr1:11187094	c.6324C>A	p.F2108L	COSM4439845
MTOR	chr1:11187094	c.6324C>G	p.F2108L	OM3219
MTOR	chr1:11184600	c.6617A>G	p.N2206S	COSM527403
MTOR	chr1:11184592	c.6625C>G	p.L2209V	COSM414183

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
MTOR	chr1:11184589	c.6628G>C	p.A2210P	COSM462592
MTOR	chr1:11184574	c.6643T>C	p.S2215P	COSM1560108
MTOR	chr1:11184573	c.6644C>A	p.S2215Y	COSM20417
MTOR	chr1:11184573	c.6644C>T	p.S2215F	COSM1686998
MTOR	chr1:11184570	c.6647T>C	p.L2216P	COSM3965698
MTOR	chr1:11184568	c.6649C>T	p.R2217W	MCH4
MTOR	chr1:11184559	c.6658C>T	p.L2220F	COSM51889
MTOR	chr1:11174395	c.7280T>A	p.L2427Q	COSM1185313
MTOR	chr1:11174395	c.7280T>C	p.L2427P	COSM5044474
MTOR	chr1:11174395	c.7280T>G	p.L2427R	COSM2119114
NRAS	chr1:115256536	c.175G>A	p.A59T	COSM578
NRAS	chr1:115256535	c.176C>A	p.A59D	COSM253327
NRAS	chr1:115256530	c.180_181delACinsTA	p.[G60=;Q61K]	COSM12730
NRAS	chr1:115256529	c.181_182delCAinsAG	p.Q61R	COSM579
NRAS	chr1:115256529	c.181_182delCAinsTT	p.Q61L	COSM12725
NRAS	chr1:115256528	c.181_183delCAAinsAAG	p.Q61K	COSM53223
NRAS	chr1:115256530	c.181C>A	p.Q61K	COSM580
NRAS	chr1:115256530	c.181C>G	p.Q61E	COSM581
NRAS	chr1:115256528	c.182_183delAAinsGG	p.Q61R	COSM33693
NRAS	chr1:115256528	c.182_183delAAinsTG	p.Q61L	COSM30646
NRAS	chr1:115256529	c.182A>C	p.Q61P	COSM582
NRAS	chr1:115256528	c.182A>G	p.Q61R	COSM584
NRAS	chr1:115256528	c.182A>T	p.Q61L	COSM583
NRAS	chr1:115256527	c.183_184delAGinsCA	p.[Q61H;E62K]	COSM26494
NRAS	chr1:115256528	c.183A>C	p.Q61H	COSM586
NRAS	chr1:115256528	c.183A>T	p.Q61H	COSM585
NRAS	chr1:115258747	c.34_35delGGinsAA	p.G12N	COSM12723
NRAS	chr1:115258747	c.34_35delGGinsCC	p.G12P	COSM559
NRAS	chr1:115258747	c.34_35delGGinsTA	p.G12Y	COSM560
NRAS	chr1:115258748	c.34G>A	p.G12S	COSM563
NRAS	chr1:115258748	c.34G>C	p.G12R	COSM561
NRAS	chr1:115258748	c.34G>T	p.G12C	COSM562
NRAS	chr1:115258746	c.35_36delGTinsAG	p.G12E	COSM144577

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
NRAS	chr1:115252289	c.351G>T	p.K117N	MAN13
NRAS	chr1:115258747	c.35G>A	p.G12D	COSM564
NRAS	chr1:115258747	c.35G>C	p.G12A	COSM565
NRAS	chr1:115258747	c.35G>T	p.G12V	COSM566
NRAS	chr1:115258744	c.37_38delGGinsAA	p.G13N	COSM24668
NRAS	chr1:115258744	c.37_38delGGinsTA	p.G13Y	COSM568
NRAS	chr1:115258745	c.37G>A	p.G13S	COSM571
NRAS	chr1:115258745	c.37G>C	p.G13R	COSM569
NRAS	chr1:115258745	c.37G>T	p.G13C	COSM570
NRAS	chr1:115258743	c.38_39delGTinsTC	p.G13V	COSM572
NRAS	chr1:115258744	c.38G>A	p.G13D	COSM573
NRAS	chr1:115258744	c.38G>C	p.G13A	COSM575
NRAS	chr1:115258744	c.38G>T	p.G13V	COSM574
NRAS	chr1:115252204	c.436G>A	p.A146T	COSM27174
NRAS	chr1:115252203	c.437C>T	p.A146V	COSM4170228
NTRK1	chr1:156846276	c.1717G>A	p.V573M	BT104
NTRK1	chr1:156846324	c.1765T>C	p.F589L	BT106
NTRK1	chr1:156846325	c.1766T>A	p.F589Y	BT105
NTRK1	chr1:156846325	c.1766T>G	p.F589C	OM3255
NTRK1	chr1:156846326	c.1767T>A	p.F589L	BT107
NTRK1	chr1:156846326	c.1767T>G	p.F589L	BT108
NTRK1	chr1:156846342	c.1783G>A	p.G595R	BT109
NTRK1	chr1:156846342	c.1783G>C	p.G595R	BT110
NTRK1	chr1:156849107	c.1999G>A	p.G667S	BT112
NTRK1	chr1:156849107	c.1999G>T	p.G667C	BT111
NTRK1	chr1:156849108	c.2000G>C	p.G667A	OM3301
NTRK2	chr9:87563446	c.1834C>G	p.Q612E	OM3272
NTRK2	chr9:87563447	c.1835A>C	p.Q612P	OM3273
NTRK2	chr9:87563461	c.1849_1851delGTCinsATG	p.V617M	OM3274
NTRK2	chr9:87563462	c.1850T>A	p.V617D	OM3306
NTRK2	chr9:87563462	c.1850T>G	p.V617G	OM3275
NTRK2	chr9:87563509	c.1897T>A	p.F633I	OM3276
NTRK2	chr9:87563509	c.1897T>C	p.F633L	OM3277

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
NTRK2	chr9:87563510	c.1898T>A	p.F633Y	OM3307
NTRK2	chr9:87563510	c.1898T>G	p.F633C	OM3278
NTRK2	chr9:87563511	c.1899T>A	p.F633L	OM3308
NTRK2	chr9:87563511	c.1899T>G	p.F633L	OM3309
NTRK2	chr9:87563527	c.1915G>A	p.G639R	OM3279
NTRK2	chr9:87563527	c.1915G>C	p.G639R	OM3280
NTRK2	chr9:87563549	c.1937G>A	p.R646K	OM3281
NTRK2	chr9:87570386	c.2126G>C	p.G709A	OM3310
NTRK3	chr15:88476329	c.1801_1803delGTCinsATG	p.V601M	OM3300
NTRK3	chr15:88476331	c.1801G>T	p.V601F	OM3312
NTRK3	chr15:88476283	c.1849T>C	p.F617L	OM3299
NTRK3	chr15:88476282	c.1850T>A	p.F617Y	OM3311
NTRK3	chr15:88476281	c.1851T>A	p.F617L	OM3298
NTRK3	chr15:88476281	c.1851T>G	p.F617L	OM3297
NTRK3	chr15:88476265	c.1867G>A	p.G623R	COSM6951362
NTRK3	chr15:88476265	c.1867G>C	p.G623R	OM3253
NTRK3	chr15:88472467	c.2086_2088delGGGinsTGC	p.G696C	OM3295
NTRK3	chr15:88472467	c.2086_2088delGGGinsTGT	p.G696C	OM3294
NTRK3	chr15:88472468	c.2087G>A	p.G696E	COSM5850004
NTRK3	chr15:88472468	c.2087G>C	p.G696A	OM3296
PDGFRA	chr4:55140746	c.1607T>A	p.V536E	COSM43059
PDGFRA	chr4:55140725	c.1630_1631insCAGTCCTGGTGCTGTTGGTGATTGT GATCATCTCACTTATTG	p.A530_I543dup	COSM7002381
PDGFRA	chr4:55141018	c.1664A>G	p.Y555C	COSM133645
PDGFRA	chr4:55141028	c.1675_1680delTGGAGG	p.W559_R560del	OMINDEL700
PDGFRA	chr4:55141036	c.1682T>A	p.V561D	COSM739
PDGFRA	chr4:55141036	c.1682T>C	p.V561A	COSM1430077
PDGFRA	chr4:55141051	c.1698_1712delCCCAGATGGACATGA	p.S566_E571delinsR	COSM12418
PDGFRA	chr4:55141056	c.1702G>A	p.D568N	OM3225
PDGFRA	chr4:55141083	c.1729C>T	p.P577S	COSM6438084
PDGFRA	chr4:55141090	c.1736A>G	p.Q579R	OM3226
PDGFRA	chr4:55144121	c.1950C>A	p.H650Q	OM3228
PDGFRA	chr4:55144121	c.1950C>G	p.H650Q	OM3229

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
PDGFRA	chr4:55144146	c.1975_1976delAAinsCG	p.N659R	OM3230
PDGFRA	chr4:55144146	c.1975A>C	p.N659H	COSM51516
PDGFRA	chr4:55144146	c.1975A>T	p.N659Y	COSM22416
PDGFRA	chr4:55144147	c.1976A>G	p.N659S	COSM6960333
PDGFRA	chr4:55144148	c.1977C>A	p.N659K	COSM22415
PDGFRA	chr4:55144148	c.1977C>G	p.N659K	COSM22414
PDGFRA	chr4:55152090	c.2522G>A	p.R841K	OM3233
PDGFRA	chr4:55152090	c.2523_2531delAGACATCAT	p.D842_M844del	COSM96895
PDGFRA	chr4:55152092	c.2524_2525delGAinsAT	p.D842I	COSM12398
PDGFRA	chr4:55152092	c.2524_2525delGAinsTT	p.D842F	COSM29007
PDGFRA	chr4:55152091	c.2524_2526delGAC	p.D842del	COSM12406
PDGFRA	chr4:55152092	c.2524_2526delGACinsTAT	p.D842Y	COSM12397
PDGFRA	chr4:55152091	c.2524_2532delGACATCATG	p.D842_M844del	COSM12401
PDGFRA	chr4:55152092	c.2524_2533delGACATCATGCinsT	p.D842_H845delinsY	COSM96896
PDGFRA	chr4:55152092	c.2524_2536delGACATCATGCATGinsA	p.D842_D846delinsN	COSM12411
PDGFRA	chr4:55152092	c.2524_2537delGACATCATGCATGAinsAG	p.D842_D846delinsS	COSM12409
PDGFRA	chr4:55152092	c.2524_2541delGACATCATGCATGATTCGinsCGAATC	p.D842_S847delinsRI	OMINDEL900
PDGFRA	chr4:55152092	c.2524G>C	p.D842H	COSM734174
PDGFRA	chr4:55152092	c.2524G>T	p.D842Y	COSM12396
PDGFRA	chr4:55152092	c.2525_2527delACA	p.D842_I843delinsV	COSM405285
PDGFRA	chr4:55152093	c.2525_2534delACATCATGCAinsT	p.D842_H845delinsV	COSM12414
PDGFRA	chr4:55152093	c.2525_2538delACATCATGCATGATinsGA	p.D842_D846delinsG	COSM12412
PDGFRA	chr4:55152092	c.2525A>T	p.D842V	COSM736
PDGFRA	chr4:55152091	c.2526_2537delCATCATGCATGA	p.I843_D846del	COSM737
PDGFRA	chr4:55152094	c.2526_2538delCATCATGCATGATinsG	p.D842_D846delinsE	COSM12408
PDGFRA	chr4:55152094	c.2526_2541delCATCATGCATGATTCGinsGGCC	p.D842_S847delinsEA	COSM12415
PDGFRA	chr4:55152094	c.2527_2538delATCATGCATGAT	p.I843_D846del	COSM12400
PDGFRA	chr4:55152095	c.2528_2539delTCATGCATGATT	p.I843_S847delinsT	COSM12407
PDGFRA	chr4:55152093	c.2529_2531delCAT	p.I843del	COSM4969655
PDGFRA	chr4:55152101	c.2533C>T	p.H845Y	COSM96893
PDGFRA	chr4:55152104	c.2536G>T	p.D846Y	COSM12399
PDGFRA	chr4:55152112	c.2544C>A	p.N848K	COSM28052
PDGFRA	chr4:55152114	c.2546A>C	p.Y849S	OM3234

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
PDGFRA	chr4:55152114	c.2546A>G	p.Y849C	COSM94952
PDGFRA	chr4:55152126	c.2558G>A	p.G853D	OM3235
PIK3CA	chr3:178921548	c.1030G>A	p.V344M	COSM253279
PIK3CA	chr3:178921549	c.1031T>A	p.V344E	COSM6746438
PIK3CA	chr3:178921549	c.1031T>C	p.V344A	COSM86951
PIK3CA	chr3:178921549	c.1031T>G	p.V344G	COSM22540
PIK3CA	chr3:178921551	c.1033A>C	p.N345H	COSM3846786
PIK3CA	chr3:178921551	c.1033A>G	p.N345D	COSM1420788
PIK3CA	chr3:178921552	c.1034A>C	p.N345T	COSM446002
PIK3CA	chr3:178921552	c.1034A>G	p.N345S	COSM13476
PIK3CA	chr3:178921552	c.1034A>T	p.N345I	COSM94978
PIK3CA	chr3:178921553	c.1035T>A	p.N345K	COSM754
PIK3CA	chr3:178916725	c.112C>A	p.R38S	COSM87310
PIK3CA	chr3:178916725	c.112C>G	p.R38G	COSM40945
PIK3CA	chr3:178916725	c.112C>T	p.R38C	COSM744
PIK3CA	chr3:178916726	c.113G>A	p.R38H	COSM745
PIK3CA	chr3:178916726	c.113G>T	p.R38L	COSM729833
PIK3CA	chr3:178916728	c.115G>A	p.E39K	COSM30625
PIK3CA	chr3:178916729	c.116A>G	p.E39G	COSM1041451
PIK3CA	chr3:178916729	c.116A>T	p.E39V	COSM1420731
PIK3CA	chr3:178927974	c.1252G>A	p.E418K	COSM12582
PIK3CA	chr3:178927980	c.1258T>C	p.C420R	COSM757
PIK3CA	chr3:178936070	c.1612G>A	p.D538N	COSM21467
PIK3CA	chr3:178936070	c.1612G>T	p.D538Y	COSM1716811
PIK3CA	chr3:178936071	c.1613A>G	p.D538G	COSM29123
PIK3CA	chr3:178936073	c.1615C>A	p.P539T	COSM41779
PIK3CA	chr3:178936073	c.1615C>T	p.P539S	COSM249880
PIK3CA	chr3:178936074	c.1616C>G	p.P539R	COSM759
PIK3CA	chr3:178936082	c.1624_1625delGAinsAG	p.E542R	COSM1659152
PIK3CA	chr3:178936082	c.1624G>A	p.E542K	COSM760
PIK3CA	chr3:178936082	c.1624G>C	p.E542Q	COSM17442
PIK3CA	chr3:178936083	c.1625A>C	p.E542A	COSM1041494
PIK3CA	chr3:178936083	c.1625A>G	p.E542G	COSM761

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
PIK3CA	chr3:178936083	c.1625A>T	p.E542V	COSM762
PIK3CA	chr3:178936091	c.1633G>A	p.E545K	COSM763
PIK3CA	chr3:178936091	c.1633G>C	p.E545Q	COSM27133
PIK3CA	chr3:178936092	c.1634A>C	p.E545A	COSM12458
PIK3CA	chr3:178936092	c.1634A>G	p.E545G	COSM764
PIK3CA	chr3:178936092	c.1634A>T	p.E545V	COSM27155
PIK3CA	chr3:178936093	c.1635G>C	p.E545D	COSM27374
PIK3CA	chr3:178936093	c.1635G>T	p.E545D	COSM765
PIK3CA	chr3:178936094	c.1636C>A	p.Q546K	COSM766
PIK3CA	chr3:178936094	c.1636C>G	p.Q546E	COSM6147
PIK3CA	chr3:178936095	c.1637A>C	p.Q546P	COSM767
PIK3CA	chr3:178936095	c.1637A>G	p.Q546R	COSM12459
PIK3CA	chr3:178936095	c.1637A>T	p.Q546L	COSM25041
PIK3CA	chr3:178936096	c.1638G>C	p.Q546H	COSM5881064
PIK3CA	chr3:178936096	c.1638G>T	p.Q546H	COSM24712
PIK3CA	chr3:178936097	c.1639G>A	p.E547K	COSM29315
PIK3CA	chr3:178936098	c.1640A>G	p.E547G	COSM1420864
PIK3CA	chr3:178936099	c.1641G>C	p.E547D	COSM729819
PIK3CA	chr3:178938934	c.2176G>A	p.E726K	COSM87306
PIK3CA	chr3:178938935	c.2177A>C	p.E726A	COSM1420889
PIK3CA	chr3:178938935	c.2177A>G	p.E726G	COSM1420887
PIK3CA	chr3:178916854	c.241G>A	p.E81K	COSM27502
PIK3CA	chr3:178916855	c.242A>C	p.E81A	COSM5347052
PIK3CA	chr3:178951994	c.3049G>C	p.D1017H	COSM27377
PIK3CA	chr3:178952006	c.3061T>A	p.Y1021N	COSM6143
PIK3CA	chr3:178952006	c.3061T>C	p.Y1021H	COSM17444
PIK3CA	chr3:178952007	c.3062A>G	p.Y1021C	COSM12461
PIK3CA	chr3:178952007	c.3062A>T	p.Y1021F	COSM328025
PIK3CA	chr3:178952018	c.3073A>C	p.T1025P	COSM6023925
PIK3CA	chr3:178952018	c.3073A>G	p.T1025A	COSM771
PIK3CA	chr3:178952018	c.3073A>T	p.T1025S	COSM12590
PIK3CA	chr3:178952019	c.3074C>A	p.T1025N	COSM772
PIK3CA	chr3:178952019	c.3074C>T	p.T1025I	COSM36285

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
PIK3CA	chr3:178916923	c.310C>A	p.P104T	COSM1666660
PIK3CA	chr3:178916924	c.311C>G	p.P104R	COSM747
PIK3CA	chr3:178916924	c.311C>T	p.P104L	COSM163485
PIK3CA	chr3:178952072	c.3127A>G	p.M1043V	COSM12591
PIK3CA	chr3:178952072	c.3127A>T	p.M1043L	COSM5731063
PIK3CA	chr3:178952073	c.3128T>C	p.M1043T	COSM12463
PIK3CA	chr3:178952074	c.3129G>A	p.M1043I	COSM29313
PIK3CA	chr3:178952074	c.3129G>C	p.M1043I	COSM94984
PIK3CA	chr3:178952074	c.3129G>T	p.M1043I	COSM773
PIK3CA	chr3:178952075	c.3130A>G	p.N1044D	COSM27134
PIK3CA	chr3:178952075	c.3130A>T	p.N1044Y	COSM36288
PIK3CA	chr3:178952076	c.3131A>G	p.N1044S	COSM22541
PIK3CA	chr3:178952077	c.3132T>A	p.N1044K	COSM12592
PIK3CA	chr3:178952077	c.3132T>G	p.N1044K	COSM27504
PIK3CA	chr3:178952078	c.3133G>A	p.D1045N	COSM25086
PIK3CA	chr3:178952079	c.3134A>G	p.D1045G	COSM1421003
PIK3CA	chr3:178952079	c.3134A>T	p.D1045V	COSM729813
PIK3CA	chr3:178952081	c.3136G>A	p.A1046T	COSM27273
PIK3CA	chr3:178952082	c.3137C>A	p.A1046E	COSM27156
PIK3CA	chr3:178952082	c.3137C>T	p.A1046V	COSM6146
PIK3CA	chr3:178952084	c.3139C>A	p.H1047N	COSM5029128
PIK3CA	chr3:178952084	c.3139C>T	p.H1047Y	COSM774
PIK3CA	chr3:178952085	c.3140A>C	p.H1047P	COSM249874
PIK3CA	chr3:178952085	c.3140A>G	p.H1047R	COSM775
PIK3CA	chr3:178952085	c.3140A>T	p.H1047L	COSM776
PIK3CA	chr3:178952086	c.3141T>A	p.H1047Q	COSM1041525
PIK3CA	chr3:178952086	c.3141T>G	p.H1047Q	COSM24714
PIK3CA	chr3:178952087	c.3142C>A	p.H1048N	COSM1421010
PIK3CA	chr3:178952087	c.3142C>G	p.H1048D	COSM249881
PIK3CA	chr3:178952087	c.3142C>T	p.H1048Y	COSM249875
PIK3CA	chr3:178952088	c.3143A>G	p.H1048R	COSM36289
PIK3CA	chr3:178952088	c.3143A>T	p.H1048L	COSM3734761
PIK3CA	chr3:178952089	c.3144T>G	p.H1048Q	COSM27157

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
PIK3CA	chr3:178952090	c.3145G>A	p.G1049S	COSM777
PIK3CA	chr3:178952090	c.3145G>C	p.G1049R	COSM12597
PIK3CA	chr3:178952090	c.3145G>T	p.G1049C	COSM1168056
PIK3CA	chr3:178952091	c.3146G>A	p.G1049D	COSM308548
PIK3CA	chr3:178952091	c.3146G>C	p.G1049A	COSM27158
PIK3CA	chr3:178916929	c.316G>C	p.G106R	COSM86046
PIK3CA	chr3:178916930	c.317G>C	p.G106A	COSM166339
PIK3CA	chr3:178916930	c.317G>T	p.G106V	COSM748
PIK3CA	chr3:178916935	c.322C>T	p.R108C	COSM6438095
PIK3CA	chr3:178916936	c.323G>A	p.R108H	COSM27497
PIK3CA	chr3:178916936	c.323G>C	p.R108P	COSM749
PIK3CA	chr3:178916936	c.323G>T	p.R108L	COSM729828
PIK3CA	chr3:178916939	c.327_335delAGAAAAGAT	p.E109_I112delinsD	COSM445995
PIK3CA	chr3:178916937	c.328_330delGAA	p.E110del	COSM24710
PIK3CA	chr3:178916944	c.331A>G	p.K111E	COSM13570
PIK3CA	chr3:178916945	c.332A>G	p.K111R	COSM14052
PIK3CA	chr3:178916946	c.333G>C	p.K111N	COSM12580
PIK3CA	chr3:178916946	c.333G>T	p.K111N	COSM27505
PIK3CA	chr3:178917478	c.353G>A	p.G118D	COSM751
PIK3R1	chr5:67589138	c.1126G>A	p.G376R	COSM1438284
PIK3R1	chr5:67589207	c.1195A>G	p.S399G	COSM5490611
PIK3R1	chr5:67589206	c.1196_1213delGTTCTGTGGTTGAATTAA	p.S399_L404del	COSM5163244
PIK3R1	chr5:67589208	c.1196G>A	p.S399N	COSM3366207
PIK3R1	chr5:67589211	c.1200_1217delTGTGGTTGAATTAATAAA	p.V401_N406del	COSM1069567
PIK3R1	chr5:67589216	c.1206_1214delTGAATTAAT	p.E403_I405del	COSM6222112
PIK3R1	chr5:67589223	c.1212_1213delAA	p.L404FfsTer7	COSM1069568
PIK3R1	chr5:67589236	c.1224C>A	p.Y408*	COSM1069570
PIK3R1	chr5:67589238	c.1226G>A	p.R409Q	COSM1069571
PIK3R1	chr5:67589575	c.1344delA	p.K448NfsTer32	COSM3071899
PIK3R1	chr5:67589581	c.1345_1347delTTA	p.L449del	COSM1717413
PIK3R1	chr5:67589583	c.1346T>G	p.L449*	COSM5766197
PIK3R1	chr5:67589582	c.1347_1350delACAT	p.H450NfsTer29	COSM1069579
PIK3R1	chr5:67589585	c.1348C>T	p.H450Y	COSM1580132

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
PIK3R1	chr5:67589618	c.1381C>T	p.R461*	COSM43181
PIK3R1	chr5:67589619	c.1383delA	p.E462NfsTer18	COSM1069594
PIK3R1	chr5:67589621	c.1384G>T	p.E462*	COSM6104367
PIK3R1	chr5:67589621	c.1385_1386delAA	p.E462VfsTer2	COSM1069595
PIK3R1	chr5:67589619	c.1386_1387insGAA	p.E462dup	COSM1069593
PIK3R1	chr5:67589625	c.1388A>G	p.Y463C	COSM1069596
PIK3R1	chr5:67589626	c.1389T>G	p.Y463*	COSM3617617
PIK3R1	chr5:67589623	c.1390_1391insTATG	p.D464VfsTer2	COSM87221
PIK3R1	chr5:67589627	c.1390G>A	p.D464N	COSM449995
PIK3R1	chr5:67589627	c.1390G>C	p.D464H	COSM39583
PIK3R1	chr5:67589629	c.1393_1409delAGATTATATGAAGAATA	p.R465YfsTer15	COSM1069598
PIK3R1	chr5:67589631	c.1394G>C	p.R465T	COSM4834976
PIK3R1	chr5:67589635	c.1398_1399insCGCTTCCCC	p.L466_Y467insRFP	COSM5986602
PIK3R1	chr5:67589634	c.1398_1409delATATGAAGAATA	p.L466_Y470delinsF	COSM1069599
PIK3R1	chr5:67589635	c.1398A>G	p.L466=	COSM3071936
PIK3R1	chr5:67589644	c.1407A>C	p.E469D	COSM5986267
PIK3R1	chr5:67589645	c.1408T>G	p.Y470D	COSM1581457
PIK3R1	chr5:67591073	c.1667_1675delATCGAGAAA	p.Y556_I559delinsF	COSM1262199
PIK3R1	chr5:67591076	c.1669C>T	p.R557*	COSM1695845
PIK3R1	chr5:67591077	c.1670G>A	p.R557Q	COSM3071954
PIK3R1	chr5:67591077	c.1672_1683delGAAATTGACAAA	p.E558_K561del	COSM1069605
PIK3R1	chr5:67591079	c.1672G>C	p.E558Q	COSM4834932
PIK3R1	chr5:67591080	c.1675_1693delATTGACAAACGTATGAACA	p.I559AfsTer9	COSM1069606
PIK3R1	chr5:67591082	c.1675A>G	p.I559V	COSM461959
PIK3R1	chr5:67591083	c.1676T>C	p.I559T	COSM1486931
PIK3R1	chr5:67591085	c.1678G>A	p.D560N	COSM367693
PIK3R1	chr5:67591085	c.1678G>C	p.D560H	COSM125378
PIK3R1	chr5:67591085	c.1678G>T	p.D560Y	COSM35765
PIK3R1	chr5:67591086	c.1679A>G	p.D560G	COSM1438323
PIK3R1	chr5:67591088	c.1681A>T	p.K561*	COSM1069607
PIK3R1	chr5:67591091	c.1684C>T	p.R562C	COSM5947146
PIK3R1	chr5:67591094	c.1689_1709delGAACAGCATTAAACCAGACCT	p.M563_L570delinsI	COSM1069608
PIK3R1	chr5:67591097	c.1690A>G	p.N564D	COSM42912

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
PIK3R1	chr5:67591099	c.1692C>G	p.N564K	COSM35808
PIK3R1	chr5:67591101	c.1694G>A	p.S565N	COSM1438332
PIK3R1	chr5:67591101	c.1694G>T	p.S565I	COSM5514170
PIK3R1	chr5:67591102	c.1695C>A	p.S565R	COSM1329473
PIK3R1	chr5:67591102	c.1695C>G	p.S565R	COSM6008941
PIK3R1	chr5:67591104	c.1698_1700delTAA	p.K567del	COSM5835072
PIK3R1	chr5:67591103	c.1698delT	p.K567NfsTer7	COSM1069609
PIK3R1	chr5:67591106	c.1699A>G	p.K567E	COSM1069611
PIK3R1	chr5:67591103	c.1700_1711delAACCAGACCTTA	p.K567_L570del	COSM4972032
PIK3R1	chr5:67591105	c.1701_1702insA	p.P568TfsTer34	COSM1069610
PIK3R1	chr5:67591106	c.1701_1711delACCAGACCTTA	p.K567NfsTer31	COSM1069612
PIK3R1	chr5:67591109	c.1702C>A	p.P568T	COSM1069613
PIK3R1	chr5:67591110	c.1703C>G	p.P568R	COSM6221283
PIK3R1	chr5:67591112	c.1706_1708delACC	p.D569_L570delinsV	COSM5546703
PIK3R1	chr5:67591111	c.1707_1708insGAC	p.D569dup	COSM449999
PIK3R1	chr5:67591108	c.1708_1709insCAGACC	p.P568_D569dup	COSM6023852
PIK3R1	chr5:67591116	c.1709T>A	p.L570H	COSM5609858
PIK3R1	chr5:67591116	c.1709T>C	p.L570P	COSM40940
PIK3R1	chr5:67591115	c.1710_1711insT	p.I571YfsTer31	COSM1069615
PIK3R1	chr5:67591120	c.1713C>T	p.I571=	COSM40466
PIK3R1	chr5:67591121	c.1714C>T	p.Q572*	COSM3410374
PIK3R1	chr5:67591122	c.1715A>G	p.Q572R	COSM1069617
PIK3R1	chr5:67591123	c.1716G>T	p.Q572H	COSM6007133
PIK3R1	chr5:67591122	c.1717_1719delCTG	p.L573del	COSM5076673
PIK3R1	chr5:67591125	c.1718T>C	p.L573P	COSM1069619
PIK3R1	chr5:67591125	c.1721_1722delGA	p.R574KfsTer27	COSM2149512
PIK3R1	chr5:67591128	c.1721G>C	p.R574T	COSM87544
PIK3R1	chr5:67591128	c.1721G>T	p.R574I	COSM85927
PIK3R1	chr5:67591128	c.1724_1725insA	p.T576DfsTer26	COSM1069623
PIK3R1	chr5:67591131	c.1727_1729delCGA	p.T576del	COSM1069625
PIK3R1	chr5:67591134	c.1727C>T	p.T576M	COSM1262202
PIK3R1	chr5:67591134	c.1728delG	p.R577EfsTer5	COSM1069626
PIK3R1	chr5:67591134	c.1732_1733delGA	p.D578PfsTer23	COSM1069627

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
PIK3R1	chr5:67591247	c.1746-1G>C	p.?	COSM41124
PIK3R1	chr5:67591246	c.1746-2A>G	p.?	COSM1154513
PIK3R1	chr5:67591250	c.1748G>T	p.W583L	COSM1069644
PIK3R1	chr5:67591261	c.1759A>C	p.K587Q	COSM4638618
PIK3R1	chr5:67591270	c.1770_1771insG	p.Q591AfsTer11	COSM1069646
PIK3R1	chr5:67591273	c.1775_1776insAA	p.K593RfsTer3	COSM5990848
PIK3R1	chr5:67591278	c.1776_1777delGAinsCT	p.[K592N;K593*]	COSM1579104
PIK3R1	chr5:67591275	c.1777_1779delAAG	p.K593del	COSM1069647
PIK3R1	chr5:67591284	c.1782G>T	p.L594F	COSM4531379
PIK3R1	chr5:67591286	c.1784A>T	p.N595I	COSM3994405
PIK3R1	chr5:67592099	c.1915C>T	p.R639*	COSM3071985
PIK3R1	chr5:67592107	c.1924_1925insC	p.R642PfsTer12	COSM1069650
PIK3R1	chr5:67592108	c.1924C>T	p.R642*	COSM85931
PIK3R1	chr5:67592109	c.1925G>C	p.R642P	COSM1069651
PIK3R1	chr5:67592114	c.1930G>A	p.G644S	COSM3828336
PIK3R1	chr5:67592115	c.1931G>T	p.G644V	COSM6031212
PIK3R1	chr5:67592121	c.1937T>C	p.F646S	COSM3410377
PIK3R1	chr5:67592123	c.1939C>T	p.L647F	COSM4474731
PIK3R1	chr5:67592129	c.1945C>T	p.R649W	COSM1069652
PIK3R1	chr5:67592130	c.1946G>A	p.R649Q	COSM85930
PIK3R1	chr5:67592131	c.1947G>T	p.R649=	COSM5609849
PIK3R1	chr5:67592132	c.1948G>T	p.E650*	COSM4967285
POLE	chr12:133252328	c.1099T>G	p.F367V	COSM5031041
POLE	chr12:133252327	c.1100T>C	p.F367S	COSM204095
POLE	chr12:133252327	c.1100T>G	p.F367C	COSM5036271
POLE	chr12:133252325	c.1102G>A	p.D368N	COSM5031042
POLE	chr12:133252325	c.1102G>T	p.D368Y	COSM5515520
POLE	chr12:133250289	c.1231G>A	p.V411M	COSM5031043
POLE	chr12:133250289	c.1231G>C	p.V411L	COSM4716439
POLE	chr12:133250289	c.1231G>T	p.V411L	COSM204094
POLE	chr12:133250250	c.1269_1270delTCinsAG	p.[N423K;L424V]	OM4070
POLE	chr12:133250250	c.1270C>A	p.L424I	COSM937326
POLE	chr12:133250250	c.1270C>G	p.L424V	COSM937328

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
POLE	chr12:133250250	c.1270C>T	p.L424F	COSM9808960
POLE	chr12:133250214	c.1306C>T	p.P436S	COSM6853710
POLE	chr12:133250213	c.1307C>A	p.P436H	COSM6853783
POLE	chr12:133250213	c.1307C>G	p.P436R	COSM284130
POLE	chr12:133250213	c.1307C>T	p.P436L	COSM6904174
POLE	chr12:133250189	c.1331T>A	p.M444K	COSM937322
POLE	chr12:133250188	c.1332G>A	p.M444I	COSM6865889
POLE	chr12:133249857	c.1366G>C	p.A456P	COSM937318
POLE	chr12:133249856	c.1367C>T	p.A456V	COSM6495477
POLE	chr12:133249853	c.1370C>T	p.T457M	COSM5031063
POLE	chr12:133249847	c.1376C>A	p.S459Y	OM4069
POLE	chr12:133249847	c.1376C>T	p.S459F	COSM170809
POLE	chr12:133253185	c.856C>A	p.P286T	COSM6950970
POLE	chr12:133253185	c.856C>T	p.P286S	COSM3688090
POLE	chr12:133253184	c.857C>A	p.P286H	rs1057519943
POLE	chr12:133253184	c.857C>G	p.P286R	COSM937332
POLE	chr12:133253184	c.857C>T	p.P286L	COSM5031034
POLE	chr12:133253157	c.884T>G	p.M295R	COSM5036269
POLE	chr12:133253156	c.885G>A	p.M295I	COSM5646629
POLE	chr12:133253152	c.889T>G	p.S297A	COSM5036270
POLE	chr12:133253151	c.890C>A	p.S297Y	COSM5031089
POLE	chr12:133253151	c.890C>T	p.S297F	COSM937330
PTEN	chr10:89720870	c.1021T>G	p.F341V	COSM5255
PTEN	chr10:89725045	c.1028T>A	p.V343E	MCH18
PTEN	chr10:89725051	c.1034T>A	p.L345Q	COSM5213
PTEN	chr10:89653846	c.144C>A	p.N48K	COSM4392678
PTEN	chr10:89690805	c.212G>A	p.C71Y	COSM5102
PTEN	chr10:89692892	c.376G>A	p.A126T	COSM5051
PTEN	chr10:89692892	c.376G>C	p.A126P	COSM5211
PTEN	chr10:89692892	c.376G>T	p.A126S	COSM28889
PTEN	chr10:89692893	c.377C>A	p.A126D	COSM28884
PTEN	chr10:89692893	c.377C>G	p.A126G	COSM4391544
PTEN	chr10:89692893	c.377C>T	p.A126V	COSM5041

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
PTEN	chr10:89692896	c.380G>A	p.G127E	COSM5143
PTEN	chr10:89692901	c.385G>C	p.G129R	COSM246853
PTEN	chr10:89692902	c.386G>A	p.G129E	COSM28917
PTEN	chr10:89692902	c.386G>T	p.G129V	COSM5276
PTEN	chr10:89692904	c.388C>G	p.R130G	COSM5219
PTEN	chr10:89692904	c.388C>T	p.R130*	COSM5152
PTEN	chr10:89692905	c.389G>A	p.R130Q	COSM5033
PTEN	chr10:89692905	c.389G>C	p.R130P	COSM5277
PTEN	chr10:89692905	c.389G>T	p.R130L	COSM5216
PTEN	chr10:89692908	c.392C>T	p.T131I	COSM5104
PTEN	chr10:89692913	c.397G>A	p.V133I	COSM5044
PTEN	chr10:89692922	c.406T>C	p.C136R	COSM5096
PTEN	chr10:89692923	c.407G>A	p.C136Y	COSM12734
PTEN	chr10:89692923	c.407G>T	p.C136F	COSM5228
PTEN	chr10:89692980	c.464A>G	p.Y155C	COSM5144
PTEN	chr10:89624273	c.47A>G	p.Y16C	COSM5133
PTEN	chr10:89711890	c.508A>C	p.S170R	MCH20
PTEN	chr10:89711891	c.509G>A	p.S170N	COSM5045
PTEN	chr10:89711892	c.510T>A	p.S170R	MCH21
PTEN	chr10:89711892	c.510T>G	p.S170R	COSM6006454
PTEN	chr10:89711899	c.517C>T	p.R173C	COSM5089
PTEN	chr10:89711900	c.518G>A	p.R173H	COSM5039
PTEN	chr10:89711900	c.518G>C	p.R173P	COSM12735
PTEN	chr10:89711902	c.520T>A	p.Y174N	COSM5221
PTEN	chr10:89711903	c.521A>G	p.Y174C	COSM5575601
PTEN	chr10:89711924	c.542T>C	p.L181P	MCH17
PTEN	chr10:89624296	c.70G>A	p.D24N	COSM5079
PTEN	chr10:89624296	c.70G>C	p.D24H	COSM1603823
PTEN	chr10:89624296	c.70G>T	p.D24Y	COSM5237
PTEN	chr10:89624297	c.71A>G	p.D24G	COSM5107
PTEN	chr10:89624297	c.71A>T	p.D24V	COSM4016448
PTEN	chr10:89624298	c.72C>G	p.D24E	COSM5198
RAF1	chr3:12645700	c.769T>C	p.S257P	ClinVar40600

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
RAF1	chr3:12645699	c.770C>G	p.S257W	COSM581519
RAF1	chr3:12645699	c.770C>T	p.S257L	COSM181063
RAF1	chr3:12645694	c.775T>A	p.S259T	ClinVar40601
RAF1	chr3:12645694	c.775T>C	p.S259P	COSM1418555
RAF1	chr3:12645694	c.775T>G	p.S259A	COSM20741
RAF1	chr3:12645693	c.776C>G	p.S259C	COSM5719965
RAF1	chr3:12645693	c.776C>T	p.S259F	COSM1536534
RET	chr10:43609096	c.1852_1853delTGinsAC	p.C618T	OM3400
RET	chr10:43609096	c.1852T>A	p.C618S	COSM87267
RET	chr10:43609096	c.1852T>C	p.C618R	COSM29803
RET	chr10:43609096	c.1852T>G	p.C618G	COSM9214400
RET	chr10:43609097	c.1853G>A	p.C618Y	COSM980
RET	chr10:43609097	c.1853G>C	p.C618S	OM3402
RET	chr10:43609097	c.1853G>T	p.C618F	OM3401
RET	chr10:43609098	c.1854C>G	p.C618W	OM3403
RET	chr10:43609102	c.1858T>A	p.C620S	COSM5946160
RET	chr10:43609102	c.1858T>C	p.C620R	COSM29804
RET	chr10:43609102	c.1858T>G	p.C620G	OM3404
RET	chr10:43609103	c.1859G>A	p.C620Y	COSM7403807
RET	chr10:43609103	c.1859G>C	p.C620S	COSM29805
RET	chr10:43609103	c.1859G>T	p.C620F	OM3405
RET	chr10:43609104	c.1860C>G	p.C620W	COSM249815
RET	chr10:43609927	c.1880_1899delinsCTCAC	p.?	OMINDEL1170
RET	chr10:43609929	c.1882_1899delCCACTGTGCGACGAGCTG	p.P628_L633del	OMINDEL1171
RET	chr10:43609936	c.1888T>C	p.C630R	COSM964
RET	chr10:43609936	c.1888T>G	p.C630G	COSM29806
RET	chr10:43609937	c.1889G>A	p.C630Y	COSM9233214
RET	chr10:43609937	c.1889G>T	p.C630F	OM3406
RET	chr10:43609932	c.1891_1902delGACGAGCTGTGC	p.D631_C634del	OMINDEL1172
RET	chr10:43609939	c.1891G>T	p.D631Y	COSM1738370
RET	chr10:43609939	c.1892_1897delACGAGC	p.D631_L633delinsV	OMINDEL1175
RET	chr10:43609937	c.1893_1895delCGA	p.D631del	OMINDEL1173
RET	chr10:43609940	c.1893_1898delCGAGCT	p.D631_L633delinsE	COSM983

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
RET	chr10:43609941	c.1894_1899delGAGCTG	p.E632_L633del	COSM968
RET	chr10:43609942	c.1894_1906delGAGCTGTGCCGCAinsAGCT	p.E632_T636delinsSS	COSM1048
RET	chr10:43609942	c.1894G>A	p.E632K	COSM1702268
RET	chr10:43609942	c.1895_1897delAGC	p.E632_L633delinsV	COSM982
RET	chr10:43609942	c.1895_1900delAGCTGT	p.E632_C634delinsG	COSM973
RET	chr10:43609944	c.1896_1900delGCTGTinsCGTGC	p.[E632D;L633V;C634R]	OM3407
RET	chr10:43609948	c.1900T>A	p.C634S	COSM1237918
RET	chr10:43609948	c.1900T>C	p.C634R	COSM966
RET	chr10:43609948	c.1900T>G	p.C634G	COSM1738369
RET	chr10:43609949	c.1901_1902delGCinsTG	p.C634L	OM3408
RET	chr10:43609949	c.1901G>A	p.C634Y	COSM974
RET	chr10:43609949	c.1901G>C	p.C634S	COSM1666664
RET	chr10:43609949	c.1901G>T	p.C634F	COSM1237919
RET	chr10:43609940	c.1902_1903insGAGCTGTGC	p.E632_C634dup	OMINDEL1176
RET	chr10:43609950	c.1902C>G	p.C634W	COSM975
RET	chr10:43609939	c.1903_1904insACGAGCTGTGCC	p.C634_R635insHELC	OMINDEL1174
RET	chr10:43609947	c.1905_1906insTGCCGC	p.C634_R635dup	OMINDEL1177
RET	chr10:43609946	c.1908_1909insTGCCGCACG	p.C634_T636dup	COSM9213763
RET	chr10:43609947	c.1936_1937insGCCGCACGGTGATCGCAGCCGCTGTCCTCTTCTCCT	p.C634_S645dup	OMINDEL1185
RET	chr10:43613838	c.2302G>C	p.E768Q	COSM1716312
RET	chr10:43613839	c.2303A>G	p.E768G	COSM1347811
RET	chr10:43613840	c.2304G>C	p.E768D	COSM21338
RET	chr10:43613840	c.2304G>T	p.E768D	OM3413
RET	chr10:43613845	c.2309G>A	p.R770Q	COSM6006462
RET	chr10:43613899	c.2363T>A	p.I788N	OM3284
RET	chr10:43613906	c.2370G>C	p.L790F	rs75030001
RET	chr10:43614996	c.2410G>A	p.V804M	OM3195
RET	chr10:43614996	c.2410G>C	p.V804L	OM3285
RET	chr10:43614996	c.2410G>T	p.V804L	OM3286
RET	chr10:43614997	c.2411T>G	p.V804G	OM3554
RET	chr10:43615003	c.2417A>G	p.Y806C	OM3287
RET	chr10:43615003	c.2417A>T	p.Y806F	OM3556

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
RET	chr10:43615014	c.2428G>A	p.G810S	OM3288
RET	chr10:43615014	c.2428G>C	p.G810R	OM3289
RET	chr10:43615014	c.2428G>T	p.G810C	OM3557
RET	chr10:43615015	c.2429G>C	p.G810A	OM3290
RET	chr10:43615015	c.2429G>T	p.G810V	OM3558
RET	chr10:43615562	c.2641C>G	p.L881V	OM3414
RET	chr10:43615567	c.2646_2648delAGCinsTTT	p.[V882=;A883F]	COSM981
RET	chr10:43615568	c.2647_2648delGCinsTA	p.A883Y	OM3415
RET	chr10:43615568	c.2647_2648delGCinsTT	p.A883F	COSM977
RET	chr10:43615568	c.2647G>A	p.A883T	COSM100081
RET	chr10:43615568	c.2647G>T	p.A883S	COSM133167
RET	chr10:43615569	c.2648C>T	p.A883V	COSM4594153
RET	chr10:43615571	c.2650G>A	p.E884K	COSM960
RET	chr10:43615572	c.2651A>T	p.E884V	COSM1570338
RET	chr10:43615577	c.2656C>T	p.R886W	COSM6942691
RET	chr10:43615592	c.2671T>G	p.S891A	rs75234356
RET	chr10:43615610	c.2689C>T	p.R897*	COSM6983129
RET	chr10:43615611	c.2694_2705delTGTTTATGAAGA	p.D898_E901del	COSM962
RET	chr10:43615612	c.2695_2709delGTTTATGAAGAGGAT	p.V899_D903del	COSM5991595
RET	chr10:43615630	c.2709_2710delTTinsAC	p.[D903E;S904P]	OM3416
RET	chr10:43615630	c.2709_2710delTTinsGC	p.[D903E;S904P]	OM3417
RET	chr10:43615632	c.2711C>G	p.S904C	OM3418
RET	chr10:43615632	c.2711C>T	p.S904F	COSM6438204
RET	chr10:43617395	c.2732G>A	p.G911D	COSM20888
RET	chr10:43617397	c.2734C>T	p.R912W	COSM3415038
RET	chr10:43617398	c.2735G>A	p.R912Q	COSM3437793
RET	chr10:43617398	c.2735G>C	p.R912P	OM3419
RET	chr10:43617398	c.2735G>T	p.R912L	COSM188545
RET	chr10:43617415	c.2752A>C	p.M918L	COSM5945760
RET	chr10:43617415	c.2752A>G	p.M918V	OM3420
RET	chr10:43617416	c.2753T>C	p.M918T	COSM965
RET	chr10:43617424	c.2761G>A	p.E921K	COSM20889
RET	chr10:43617427	c.2764T>C	p.S922P	COSM26636

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
ROS1	chr6:117641120	c.5851C>A	p.L1951M	COSM1072523
ROS1	chr6:117641119	c.5852T>G	p.L1951R	OM3264
ROS1	chr6:117639399	c.5957C>A	p.S1986Y	OM3170
ROS1	chr6:117639399	c.5957C>T	p.S1986F	COSM6929870
ROS1	chr6:117638365	c.6076C>A	p.L2026M	BT151
ROS1	chr6:117638346	c.6094_6095delGGinsAA	p.G2032K	OM3533
ROS1	chr6:117638347	c.6094G>A	p.G2032R	MAN10
ROS1	chr6:117638347	c.6094G>C	p.G2032R	MAN11
ROS1	chr6:117638344	c.6097G>A	p.D2033N	COSM6924065
SMARCA 4	chr19:11129655	c.2461G>A	p.E821K	COSM215749
SMARCA 4	chr19:11132512	c.2728A>G	p.T910A	COSM6921291
SMARCA 4	chr19:11132513	c.2729C>T	p.T910M	COSM88025
SMARCA 4	chr19:11134251	c.2917C>T	p.R973W	COSM1161250
SMARCA 4	chr19:11134252	c.2918G>A	p.R973Q	COSM1161252
SMARCA 4	chr19:11134252	c.2918G>T	p.R973L	COSM6557475
SMARCA 4	chr19:11138548	c.3304T>C	p.F1102L	COSM255311
SMARCA 4	chr19:11138550	c.3306C>A	p.F1102L	COSM4749940
SMARCA 4	chr19:11138550	c.3306C>G	p.F1102L	COSM88673
SMARCA 4	chr19:11143993	c.3574C>G	p.R1192G	COSM1611527
SMARCA 4	chr19:11143993	c.3574C>T	p.R1192C	COSM303247
SMARCA 4	chr19:11143994	c.3575G>A	p.R1192H	COSM1266237
SMARCA 4	chr19:11143994	c.3575G>C	p.R1192P	COSM5668496
SMARCA 4	chr19:11144113	c.3694G>A	p.G1232S	COSM215752
SMARCA 4	chr19:11144113	c.3694G>T	p.G1232C	COSM255878

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
SMARCA4	chr19:11144114	c.3695G>A	p.G1232D	COSM88024
SMARCA4	chr19:11144114	c.3695G>T	p.G1232V	COSM6557479
SMO	chr7:128846386	c.1222A>G	p.I408V	COSM5775414
SMO	chr7:128846398	c.1234C>T	p.L412F	COSM216037
SMO	chr7:128849148	c.1376C>T	p.A459V	COSM3942016
SMO	chr7:128849178	c.1406G>A	p.C469Y	COSM5890319
SMO	chr7:128849189	c.1417G>C	p.D473H	COSM34198
SMO	chr7:128849189	c.1417G>T	p.D473Y	COSM4413608
SMO	chr7:128849190	c.1418A>G	p.D473G	OM3243
SMO	chr7:128849201	c.1429C>G	p.Q477E	OM3244
SMO	chr7:128850289	c.1552G>A	p.E518K	MCH8
SMO	chr7:128850290	c.1553A>C	p.E518A	MCH9
SMO	chr7:128850310	c.1573A>T	p.M525L	MCH19
SMO	chr7:128850335	c.1598G>A	p.S533N	COSM13144
SMO	chr7:128850341	c.1604G>T	p.W535L	COSM13146
STK11	chr19:1223172	c.1108+1G>A	p.?	OM3722
STK11	chr19:1207064	c.157_158insG	p.D53GfsTer110	COSM391251
STK11	chr19:1207112	c.200T>C	p.L67P	OM3700
STK11	chr19:1207201	c.289_290+1delinsGAT	p.?	COSM6922318
STK11	chr19:1207200	c.289_290+2delAAGT	p.?	OMINDEL1000
STK11	chr19:1207202	c.290+1_290+2delGT	p.?	OMINDEL1001
STK11	chr19:1207203	c.290+1G>A	p.?	COSM6350392
STK11	chr19:1207203	c.290+1G>C	p.?	OM3701
STK11	chr19:1207203	c.290+1G>T	p.?	OM3702,VCV000964826
STK11	chr19:1207203	c.290+2delT	p.?	OMINDEL1002
STK11	chr19:1207204	c.290+2T>A	p.?	COSM6925006
STK11	chr19:1207204	c.290+2T>G	p.?	COSM25857
STK11	chr19:1218415	c.291-1_291delinsTT	p.?	OM3705
STK11	chr19:1218414	c.291-1delG	p.?	OMINDEL1004
STK11	chr19:1218415	c.291-1G>A	p.?	OM3703
STK11	chr19:1218415	c.291-1G>C	p.?	OM3704
STK11	chr19:1218415	c.291-1G>T	p.?	COSM6083779

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
STK11	chr19:1218414	c.291-2A>G	p.?	COSM5575722
STK11	chr19:1218414	c.291-2A>T	p.?	COSM49010
STK11	chr19:1219322	c.375-1C>G	p.?	COSM4074282
STK11	chr19:1219322	c.375-1C>T	p.?	COSM6977173
STK11	chr19:1219320	c.375-2_386delACGTATATGGTGAT	p.?	OMINDEL1006
STK11	chr19:1219321	c.375-2A>C	p.?	OM3706
STK11	chr19:1219321	c.375-2A>G	p.?	OM3707
STK11	chr19:1219321	c.375-2A>T	p.?	COSM6967966
STK11	chr19:1219316	c.375-6_375-2delCCCCA	p.?	OMINDEL1005
STK11	chr19:1220371	c.465-1_465delinsTT	p.?	COSM6928792
STK11	chr19:1220370	c.465-1delG	p.?	OMINDEL1010
STK11	chr19:1220371	c.465-1G>A	p.?	COSM25855
STK11	chr19:1220371	c.465-1G>C	p.?	OM3709
STK11	chr19:1220371	c.465-1G>T	p.?	COSM21570
STK11	chr19:1220369	c.465-2_465-1delAG	p.?	OMINDEL1009
STK11	chr19:1220370	c.465-2_465-1delinsTC	p.?	OM3708
STK11	chr19:1220370	c.465-2A>C	p.?	COSM6933102
STK11	chr19:1220370	c.465-2A>G	p.?	COSM21387
STK11	chr19:1220370	c.465-2A>T	p.?	COSM1523962
STK11	chr19:1220367	c.465-4_472delGCAGGTACTTCT	p.?	OMINDEL1007
STK11	chr19:1220367	c.465-4_479delGCAGGTACTTCTGTCAGCT	p.?	OMINDEL1008
STK11	chr19:1220433	c.526G>A	p.D176N	COSM4827690
STK11	chr19:1220487	c.580G>A	p.D194N	COSM25847
STK11	chr19:1220487	c.580G>C	p.D194H	COSM5325765
STK11	chr19:1220487	c.580G>T	p.D194Y	COSM20944
STK11	chr19:1220488	c.581A>T	p.D194V	COSM20957
STK11	chr19:1220489	c.582C>A	p.D194E	OM3710
STK11	chr19:1220489	c.582C>G	p.D194E	OM3711
STK11	chr19:1220579	c.598-1_598delinsTT	p.?	OM3713
STK11	chr19:1220578	c.598-1_612delGGCACTGCACCCGTTC	p.?	OMINDEL1014
STK11	chr19:1220578	c.598-1delG	p.?	OMINDEL1013
STK11	chr19:1220579	c.598-1G>A	p.?	COSM3724562
STK11	chr19:1220579	c.598-1G>T	p.?	COSM51521

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
STK11	chr19:1220577	c.598-2_600delAGGCA	p.?	OMINDEL1012
STK11	chr19:1220578	c.598-2A>C	p.?	OM3712
STK11	chr19:1220578	c.598-2A>G	p.?	COSM6923168
STK11	chr19:1220578	c.598-2A>T	p.?	COSM25858
STK11	chr19:1220595	c.613G>A	p.A205T	COSM20953
STK11	chr19:1220701	c.719C>G	p.S240W	OM3714
STK11	chr19:1220708	c.727_734+9delGTCACCCTGTAAGTGCC	p.?	OMINDEL1015
STK11	chr19:1220712	c.731_734+9delCCCTGTAAGTGCC	p.?	OMINDEL1016
STK11	chr19:1220717	c.734+1G>A	p.?	COSM6916684
STK11	chr19:1220717	c.734+1G>C	p.?	COSM6970016
STK11	chr19:1220717	c.734+1G>T	p.?	COSM51523
STK11	chr19:1220717	c.734+2_734+10delTAAGTGCCC	p.?	OMINDEL1017
STK11	chr19:1220718	c.734+2T>A	p.?	OM3715
STK11	chr19:1220718	c.734+2T>G	p.?	COSM6961577
STK11	chr19:1221211	c.735-1G>A	p.?	COSM5732040
STK11	chr19:1221211	c.735-1G>T	p.?	COSM51522
STK11	chr19:1221210	c.735-2A>G	p.?	OM3716
STK11	chr19:1221210	c.735-2A>T	p.?	COSM25856
STK11	chr19:1221313	c.842delC	p.P281RfsTer6	COSM20871
STK11	chr19:1221326	c.850_862+4delGACCTGCTGAAAGGTGG	p.?	OMINDEL1018
STK11	chr19:1221340	c.862+1G>A	p.?	COSM6929076
STK11	chr19:1221340	c.862+1G>C	p.?	OM3717
STK11	chr19:1221340	c.862+1G>T	p.?	COSM6149637
STK11	chr19:1221341	c.862+2T>A	p.?	COSM5576087
STK11	chr19:1221341	c.862+2T>G	p.?	OM3718
STK11	chr19:1221341	c.862+3delG	p.?	COSM8554973
STK11	chr19:1221947	c.863-1G>A	p.?	COSM6916725
STK11	chr19:1221947	c.863-1G>T	p.?	COSM6925330
STK11	chr19:1221946	c.863-2A>C	p.?	COSM6912582
STK11	chr19:1221946	c.863-2A>T	p.?	COSM401786
STK11	chr19:1221954	c.869T>C	p.L290P	OM3719
STK11	chr19:1221995	c.910C>T	p.R304W	COSM29468
STK11	chr19:1222002	c.918_920+11delCAGGTGAGCGGCCC	p.?	OMINDEL1019

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
STK11	chr19:1222006	c.920+1G>A	p.?	OM3720
STK11	chr19:1222006	c.920+1G>C	p.?	COSM4412472
STK11	chr19:1222006	c.920+1G>T	p.?	COSM6923458
STK11	chr19:1222007	c.920+2T>A	p.?	COSM9992747
TERT	chr5:1295228	c.-124C>A	p.?	COSM1716563
TERT	chr5:1295228	c.-124C>T	p.?	COSM1716558
TERT	chr5:1295228	c.-124CC>TT	p.?	COSM1716561
TERT	chr5:1295229	c.-125C>A	p.?	COSM1717424
TERT	chr5:1295242	c.-138CC>TT	p.?	COSM1716560
TERT	chr5:1295250	c.-146C>T	p.?	COSM1716559
TP53	chr17:7578536	c.394A>C	p.K132Q	COSM11224
TP53	chr17:7578536	c.394A>G	p.K132E	COSM10813
TP53	chr17:7578535	c.395A>C	p.K132T	COSM43912
TP53	chr17:7578535	c.395A>G	p.K132R	COSM11582
TP53	chr17:7578535	c.395A>T	p.K132M	COSM43592
TP53	chr17:7578534	c.396G>C	p.K132N	COSM43963
TP53	chr17:7578534	c.396G>T	p.K132N	COSM10991
TP53	chr17:7578527	c.403T>A	p.C135S	COSM44910
TP53	chr17:7578527	c.403T>C	p.C135R	COSM10684
TP53	chr17:7578527	c.403T>G	p.C135G	COSM44829
TP53	chr17:7578526	c.404G>A	p.C135Y	COSM10801
TP53	chr17:7578526	c.404G>C	p.C135S	COSM44643
TP53	chr17:7578526	c.404G>T	p.C135F	COSM10647
TP53	chr17:7578525	c.405C>G	p.C135W	COSM44219
TP53	chr17:7578517	c.413C>T	p.A138V	COSM43818
TP53	chr17:7578509	c.421T>A	p.C141S	COSM44564
TP53	chr17:7578509	c.421T>C	p.C141R	COSM43901
TP53	chr17:7578509	c.421T>G	p.C141G	COSM45794
TP53	chr17:7578508	c.422G>A	p.C141Y	COSM43708
TP53	chr17:7578508	c.422G>C	p.C141S	COSM293910
TP53	chr17:7578508	c.422G>T	p.C141F	COSM44911
TP53	chr17:7578507	c.423C>G	p.C141W	COSM44204
TP53	chr17:7578496	c.434T>C	p.L145P	COSM43899

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
TP53	chr17:7578479	c.451C>A	p.P151T	COSM43911
TP53	chr17:7578479	c.451C>G	p.P151A	COSM44944
TP53	chr17:7578479	c.451C>T	p.P151S	COSM10905
TP53	chr17:7578478	c.452C>A	p.P151H	COSM11476
TP53	chr17:7578478	c.452C>G	p.P151R	COSM44003
TP53	chr17:7578478	c.452C>T	p.P151L	COSM44288
TP53	chr17:7578476	c.454C>A	p.P152T	COSM44561
TP53	chr17:7578476	c.454C>G	p.P152A	COSM44788
TP53	chr17:7578476	c.454C>T	p.P152S	COSM43582
TP53	chr17:7578475	c.455C>A	p.P152Q	COSM44613
TP53	chr17:7578475	c.455C>G	p.P152R	COSM45505
TP53	chr17:7578475	c.455C>T	p.P152L	COSM10790
TP53	chr17:7578469	c.461G>T	p.G154V	COSM6815
TP53	chr17:7578463	c.467G>C	p.R156P	COSM10760
TP53	chr17:7578461	c.469G>C	p.V157L	COSM45120
TP53	chr17:7578461	c.469G>T	p.V157F	COSM10670
TP53	chr17:7578416	c.514G>T	p.V172F	COSM44240
TP53	chr17:7578413	c.517G>A	p.V173M	COSM11084
TP53	chr17:7578413	c.517G>C	p.V173L	COSM44057
TP53	chr17:7578413	c.517G>T	p.V173L	COSM43559
TP53	chr17:7578412	c.518T>A	p.V173E	COSM45731
TP53	chr17:7578412	c.518T>C	p.V173A	COSM44327
TP53	chr17:7578412	c.518T>G	p.V173G	COSM44383
TP53	chr17:7578407	c.523C>A	p.R175S	COSM43931
TP53	chr17:7578407	c.523C>G	p.R175G	COSM10870
TP53	chr17:7578407	c.523C>T	p.R175C	COSM43680
TP53	chr17:7578406	c.524G>A	p.R175H	COSM10648
TP53	chr17:7578406	c.524G>C	p.R175P	COSM45416
TP53	chr17:7578406	c.524G>T	p.R175L	COSM10718
TP53	chr17:7578404	c.526T>A	p.C176S	COSM44146
TP53	chr17:7578404	c.526T>C	p.C176R	COSM44948
TP53	chr17:7578404	c.526T>G	p.C176G	COSM44692
TP53	chr17:7578403	c.527G>A	p.C176Y	COSM10687

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
TP53	chr17:7578403	c.527G>C	p.C176S	COSM44645
TP53	chr17:7578403	c.527G>T	p.C176F	COSM10645
TP53	chr17:7578402	c.528C>G	p.C176W	COSM11114
TP53	chr17:7578383	c.529_546delCCCCACCATGAGCGCTGC	p.P177_C182del	COSM43570
TP53	chr17:7578395	c.535C>A	p.H179N	COSM44151
TP53	chr17:7578395	c.535C>G	p.H179D	COSM44776
TP53	chr17:7578395	c.535C>T	p.H179Y	COSM10768
TP53	chr17:7578394	c.536A>C	p.H179P	COSM44218
TP53	chr17:7578394	c.536A>G	p.H179R	COSM10889
TP53	chr17:7578394	c.536A>T	p.H179L	COSM43635
TP53	chr17:7578393	c.537T>A	p.H179Q	COSM44214
TP53	chr17:7578393	c.537T>G	p.H179Q	COSM11249
TP53	chr17:7578280	c.569C>T	p.P190L	COSM43657
TP53	chr17:7578274	c.572_574delCTC	p.P191del	COSM45140
TP53	chr17:7578275	c.574C>T	p.Q192*	COSM10733
TP53	chr17:7578272	c.577C>A	p.H193N	COSM43935
TP53	chr17:7578272	c.577C>G	p.H193D	COSM44002
TP53	chr17:7578272	c.577C>T	p.H193Y	COSM10672
TP53	chr17:7578271	c.578A>C	p.H193P	COSM43833
TP53	chr17:7578271	c.578A>G	p.H193R	COSM10742
TP53	chr17:7578271	c.578A>T	p.H193L	COSM11066
TP53	chr17:7578269	c.580C>A	p.L194I	COSM45330
TP53	chr17:7578269	c.580C>G	p.L194V	COSM46117
TP53	chr17:7578269	c.580C>T	p.L194F	COSM10995
TP53	chr17:7578268	c.581T>A	p.L194H	COSM43623
TP53	chr17:7578268	c.581T>C	p.L194P	COSM43827
TP53	chr17:7578268	c.581T>G	p.L194R	COSM44571
TP53	chr17:7578266	c.583A>C	p.I195L	COSM45773
TP53	chr17:7578266	c.583A>T	p.I195F	COSM44633
TP53	chr17:7578265	c.584T>A	p.I195N	COSM44877
TP53	chr17:7578265	c.584T>C	p.I195T	COSM11089
TP53	chr17:7578265	c.584T>G	p.I195S	COSM44539
TP53	chr17:7578264	c.585C>G	p.I195M	COSM562637

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
TP53	chr17:7578263	c.586C>T	p.R196*	COSM10705
TP53	chr17:7578260	c.589G>A	p.V197M	COSM43779
TP53	chr17:7578212	c.637C>G	p.R213G	COSM44102
TP53	chr17:7578212	c.637C>T	p.R213*	COSM10654
TP53	chr17:7578211	c.638G>A	p.R213Q	COSM10735
TP53	chr17:7578211	c.638G>C	p.R213P	COSM11860
TP53	chr17:7578211	c.638G>T	p.R213L	COSM43650
TP53	chr17:7578209	c.640C>G	p.H214D	COSM45115
TP53	chr17:7578209	c.640C>T	p.H214Y	COSM44112
TP53	chr17:7578208	c.641A>C	p.H214P	COSM1640841
TP53	chr17:7578208	c.641A>G	p.H214R	COSM43687
TP53	chr17:7578208	c.641A>T	p.H214L	COSM5632535
TP53	chr17:7578207	c.642T>A	p.H214Q	COSM46272
TP53	chr17:7578207	c.642T>G	p.H214Q	COSM44407
TP53	chr17:7578203	c.646G>A	p.V216M	COSM10667
TP53	chr17:7578203	c.646G>T	p.V216L	COSM11210
TP53	chr17:7578202	c.647T>A	p.V216E	COSM44274
TP53	chr17:7578202	c.647T>C	p.V216A	COSM44567
TP53	chr17:7578202	c.647T>G	p.V216G	COSM43681
TP53	chr17:7578191	c.658T>A	p.Y220N	COSM44672
TP53	chr17:7578191	c.658T>C	p.Y220H	COSM44637
TP53	chr17:7578191	c.658T>G	p.Y220D	COSM11847
TP53	chr17:7578190	c.659A>C	p.Y220S	COSM43850
TP53	chr17:7578190	c.659A>G	p.Y220C	COSM10758
TP53	chr17:7578190	c.659A>T	p.Y220F	COSM1564197
TP53	chr17:7577581	c.700T>A	p.Y234N	COSM43956
TP53	chr17:7577581	c.700T>C	p.Y234H	COSM11152
TP53	chr17:7577581	c.700T>G	p.Y234D	COSM43768
TP53	chr17:7577580	c.701A>C	p.Y234S	COSM43865
TP53	chr17:7577580	c.701A>G	p.Y234C	COSM10725
TP53	chr17:7577580	c.701A>T	p.Y234F	COSM44315
TP53	chr17:7577575	c.706T>A	p.Y236N	COSM43826
TP53	chr17:7577575	c.706T>C	p.Y236H	COSM44326

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
TP53	chr17:7577575	c.706T>G	p.Y236D	COSM43602
TP53	chr17:7577574	c.707A>C	p.Y236S	COSM44693
TP53	chr17:7577574	c.707A>G	p.Y236C	COSM10731
TP53	chr17:7577574	c.707A>T	p.Y236F	COSM3958809
TP53	chr17:7577572	c.709A>G	p.M237V	COSM44525
TP53	chr17:7577572	c.709A>T	p.M237L	COSM44965
TP53	chr17:7577571	c.710T>A	p.M237K	COSM43952
TP53	chr17:7577571	c.710T>C	p.M237T	COSM45329
TP53	chr17:7577571	c.710T>G	p.M237R	COSM45032
TP53	chr17:7577570	c.711G>A	p.M237I	COSM10834
TP53	chr17:7577570	c.711G>C	p.M237I	COSM44415
TP53	chr17:7577570	c.711G>T	p.M237I	COSM11063
TP53	chr17:7577569	c.712T>A	p.C238S	COSM43700
TP53	chr17:7577569	c.712T>C	p.C238R	COSM44321
TP53	chr17:7577569	c.712T>G	p.C238G	COSM46336
TP53	chr17:7577568	c.713G>A	p.C238Y	COSM11059
TP53	chr17:7577568	c.713G>C	p.C238S	COSM44653
TP53	chr17:7577568	c.713G>T	p.C238F	COSM43778
TP53	chr17:7577567	c.714T>G	p.C238W	COSM44676
TP53	chr17:7577566	c.715A>G	p.N239D	COSM10777
TP53	chr17:7577566	c.715A>T	p.N239Y	COSM45870
TP53	chr17:7577565	c.716A>C	p.N239T	COSM43801
TP53	chr17:7577565	c.716A>G	p.N239S	COSM44094
TP53	chr17:7577565	c.716A>T	p.N239I	COSM307333
TP53	chr17:7577564	c.717C>A	p.N239K	COSM44647
TP53	chr17:7577564	c.717C>G	p.N239K	COSM44510
TP53	chr17:7577563	c.718A>G	p.S240G	COSM43973
TP53	chr17:7577560	c.721T>A	p.S241T	COSM44067
TP53	chr17:7577560	c.721T>C	p.S241P	COSM44578
TP53	chr17:7577560	c.721T>G	p.S241A	COSM44224
TP53	chr17:7577559	c.722C>A	p.S241Y	COSM10935
TP53	chr17:7577559	c.722C>G	p.S241C	COSM10709
TP53	chr17:7577559	c.722C>T	p.S241F	COSM10812

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
TP53	chr17:7577557	c.724T>A	p.C242S	COSM44935
TP53	chr17:7577557	c.724T>C	p.C242R	COSM11738
TP53	chr17:7577557	c.724T>G	p.C242G	COSM44135
TP53	chr17:7577556	c.725G>A	p.C242Y	COSM10646
TP53	chr17:7577556	c.725G>C	p.C242S	COSM11133
TP53	chr17:7577556	c.725G>T	p.C242F	COSM10810
TP53	chr17:7577555	c.726C>G	p.C242W	COSM11356
TP53	chr17:7577551	c.730G>A	p.G244S	COSM10941
TP53	chr17:7577551	c.730G>C	p.G244R	COSM44221
TP53	chr17:7577551	c.730G>T	p.G244C	COSM11524
TP53	chr17:7577550	c.731G>A	p.G244D	COSM10883
TP53	chr17:7577550	c.731G>C	p.G244A	COSM12013
TP53	chr17:7577550	c.731G>T	p.G244V	COSM43652
TP53	chr17:7577548	c.733G>A	p.G245S	COSM6932
TP53	chr17:7577548	c.733G>C	p.G245R	COSM10957
TP53	chr17:7577548	c.733G>T	p.G245C	COSM11081
TP53	chr17:7577547	c.734G>A	p.G245D	COSM43606
TP53	chr17:7577547	c.734G>C	p.G245A	COSM43965
TP53	chr17:7577547	c.734G>T	p.G245V	COSM11196
TP53	chr17:7577545	c.736A>G	p.M246V	COSM43555
TP53	chr17:7577545	c.736A>T	p.M246L	COSM45992
TP53	chr17:7577544	c.737T>A	p.M246K	COSM44103
TP53	chr17:7577544	c.737T>C	p.M246T	COSM11355
TP53	chr17:7577544	c.737T>G	p.M246R	COSM11376
TP53	chr17:7577543	c.738G>A	p.M246I	COSM44310
TP53	chr17:7577543	c.738G>C	p.M246I	COSM10757
TP53	chr17:7577543	c.738G>T	p.M246I	COSM46136
TP53	chr17:7577539	c.742C>G	p.R248G	COSM11564
TP53	chr17:7577539	c.742C>T	p.R248W	COSM10656
TP53	chr17:7577538	c.743G>A	p.R248Q	COSM10662
TP53	chr17:7577538	c.743G>C	p.R248P	COSM11491
TP53	chr17:7577538	c.743G>T	p.R248L	COSM6549
TP53	chr17:7577536	c.745A>G	p.R249G	COSM10668

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
TP53	chr17:7577536	c.745A>T	p.R249W	COSM43629
TP53	chr17:7577535	c.746G>A	p.R249K	COSM44091
TP53	chr17:7577535	c.746G>C	p.R249T	COSM43665
TP53	chr17:7577535	c.746G>T	p.R249M	COSM43871
TP53	chr17:7577534	c.747G>C	p.R249S	COSM10785
TP53	chr17:7577534	c.747G>T	p.R249S	COSM10817
TP53	chr17:7577532	c.749C>T	p.P250L	COSM10771
TP53	chr17:7577509	c.772G>A	p.E258K	COSM10988
TP53	chr17:7577509	c.772G>C	p.E258Q	COSM10751
TP53	chr17:7577508	c.773A>C	p.E258A	COSM44719
TP53	chr17:7577508	c.773A>G	p.E258G	COSM44168
TP53	chr17:7577508	c.773A>T	p.E258V	COSM44450
TP53	chr17:7577507	c.774A>C	p.E258D	COSM46410
TP53	chr17:7577507	c.774A>T	p.E258D	COSM44962
TP53	chr17:7577153	c.785G>T	p.G262V	COSM11198
TP53	chr17:7577142	c.796G>A	p.G266R	COSM10794
TP53	chr17:7577142	c.796G>C	p.G266R	COSM11205
TP53	chr17:7577141	c.797G>A	p.G266E	COSM10867
TP53	chr17:7577141	c.797G>C	p.G266A	COSM45488
TP53	chr17:7577141	c.797G>T	p.G266V	COSM10958
TP53	chr17:7577124	c.814G>A	p.V272M	COSM10891
TP53	chr17:7577124	c.814G>C	p.V272L	COSM45898
TP53	chr17:7577124	c.814G>T	p.V272L	COSM10859
TP53	chr17:7577123	c.815T>A	p.V272E	COSM44580
TP53	chr17:7577123	c.815T>C	p.V272A	COSM44294
TP53	chr17:7577123	c.815T>G	p.V272G	COSM44870
TP53	chr17:7577121	c.817C>A	p.R273S	COSM43909
TP53	chr17:7577121	c.817C>G	p.R273G	COSM43843
TP53	chr17:7577121	c.817C>T	p.R273C	COSM10659
TP53	chr17:7577120	c.818G>A	p.R273H	COSM10660
TP53	chr17:7577120	c.818G>C	p.R273P	COSM43896
TP53	chr17:7577120	c.818G>T	p.R273L	COSM10779
TP53	chr17:7577118	c.820G>C	p.V274L	COSM44443

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
TP53	chr17:7577118	c.820G>T	p.V274F	COSM10769
TP53	chr17:7577115	c.823T>C	p.C275R	COSM43902
TP53	chr17:7577115	c.823T>G	p.C275G	COSM11501
TP53	chr17:7577114	c.824G>A	p.C275Y	COSM10893
TP53	chr17:7577114	c.824G>C	p.C275S	COSM45413
TP53	chr17:7577114	c.824G>T	p.C275F	COSM10701
TP53	chr17:7577113	c.825T>G	p.C275W	COSM43823
TP53	chr17:7577108	c.830G>T	p.C277F	COSM10749
TP53	chr17:7577106	c.832C>A	p.P278T	COSM43697
TP53	chr17:7577106	c.832C>G	p.P278A	COSM10814
TP53	chr17:7577106	c.832C>T	p.P278S	COSM10939
TP53	chr17:7577105	c.833C>A	p.P278H	COSM43755
TP53	chr17:7577105	c.833C>G	p.P278R	COSM10887
TP53	chr17:7577105	c.833C>T	p.P278L	COSM10863
TP53	chr17:7577102	c.836G>A	p.G279E	COSM43714
TP53	chr17:7577100	c.838A>G	p.R280G	COSM11123
TP53	chr17:7577099	c.839G>A	p.R280K	COSM10728
TP53	chr17:7577099	c.839G>C	p.R280T	COSM10724
TP53	chr17:7577099	c.839G>T	p.R280I	COSM11287
TP53	chr17:7577098	c.840A>C	p.R280S	COSM44233
TP53	chr17:7577098	c.840A>T	p.R280S	COSM44171
TP53	chr17:7577097	c.841G>A	p.D281N	COSM43596
TP53	chr17:7577097	c.841G>C	p.D281H	COSM10943
TP53	chr17:7577097	c.841G>T	p.D281Y	COSM11516
TP53	chr17:7577096	c.842A>C	p.D281A	COSM11665
TP53	chr17:7577096	c.842A>G	p.D281G	COSM11232
TP53	chr17:7577096	c.842A>T	p.D281V	COSM45729
TP53	chr17:7577095	c.843C>A	p.D281E	COSM43906
TP53	chr17:7577095	c.843C>G	p.D281E	COSM43837
TP53	chr17:7577094	c.844C>G	p.R282G	COSM10992
TP53	chr17:7577094	c.844C>T	p.R282W	COSM10704
TP53	chr17:7577093	c.845G>A	p.R282Q	COSM44338
TP53	chr17:7577093	c.845G>C	p.R282P	COSM44306

Gene	Genomic Position (hg19)	Nucleotide Change	Aminoacid Change	Variant ID
TP53	chr17:7577093	c.845G>T	p.R282L	COSM44470
TP53	chr17:7577090	c.848G>C	p.R283P	COSM10743
TP53	chr17:7577085	c.853G>A	p.E285K	COSM10722
TP53	chr17:7577085	c.853G>C	p.E285Q	COSM45138
TP53	chr17:7577084	c.854A>C	p.E285A	COSM43614
TP53	chr17:7577084	c.854A>G	p.E285G	COSM45649
TP53	chr17:7577084	c.854A>T	p.E285V	COSM44227
TP53	chr17:7577082	c.856G>A	p.E286K	COSM10726
TP53	chr17:7577082	c.856G>C	p.E286Q	COSM44250
TP53	chr17:7577081	c.857A>C	p.E286A	COSM45892
TP53	chr17:7577081	c.857A>G	p.E286G	COSM43565
TP53	chr17:7577081	c.857A>T	p.E286V	COSM43936
TP53	chr17:7577080	c.858A>C	p.E286D	COSM45439
TP53	chr17:7577080	c.858A>T	p.E286D	COSM45492