Supplementary Table S2. Somatic point mutations and indels identified across 15 vulvar squamous cell carcinoma genomes.

SampleID	Genomic position*	Ref	Alt	Gene	Amino acid change	Exonic function	Cancer Gene Census**	COSMIC variant†
VSCC2	chr1:39898288-39898288	G	A	*MACF1*	NM_012090:exon61:c.G11233A:p.E3745K	Missense_Mutation		
VSCC2	chr1:43908176-43908176	C	T	*SZT2*	NM_015284:exon57:c.C7867T:p.R2623C	Missense_Mutation		
VSCC2	chr1:60139745-60139745	C	A	*FGGY*	NM_001278224:exon8:c.C555A:p.S185S,FGGY	Silent		COSM2237493
VSCC2	chr1:79385891-79385891	C	A	*ADGRL4*	NM_022159:exon10:c.G1438T:p.G480W	Missense_Mutation		
VSCC2	chr1:145578135-145578135	G	A	*PIAS3*	NM_006099:exon2:c.G98A:p.R33Q	Missense_Mutation		
VSCC2	chr1:175066764-175066764	C	G	*TNN*	NM_022093:exon8:c.C1800G:p.V600V	Silent		
VSCC2	chr1:201180046-201180046	G	A	*IGFN1*	NM_001164586:exon12:c.G6025A:p.G2009S	Missense_Mutation		
VSCC2	chr2:20463077-20463077	T	G	*PUM2*	NM_001282790:exon12:c.A1865C:p.D622A,PUM2	Missense_Mutation		
VSCC2	chr2:88876196-88876196	G	A	*EIF2AK3*	NM_001313915:exon12:c.C1459T:p.R487X,EIF2AK3	Nonsense_Mutation		
VSCC2	chr2:105472856-105472856	C	T	*POU3F3*	NM_006236:exon1:c.C888T:p.G296G	Silent		
VSCC2	chr2:128927933-128927933	G	A	*UGGT1*	NM_020120:exon27:c.G2993A:p.R998K	Missense_Mutation		
VSCC2	chr2:132021766-132021766	A	C	*POTEE*	NM_001083538:exon15:c.A2738C:p.K913T	Missense_Mutation		COSM288401
VSCC2	chr2:132021818-132021818	G	A	*POTEE*	NM_001083538:exon15:c.G2790A:p.A930A	Silent		
VSCC2	chr2:136566318-136566318	G	A	*LCT*	NM_002299:exon8:c.C3599T:p.T1200M	Missense_Mutation		COSM3116455
VSCC2	chr2:202358575-202358575	C	G	*ALS2CR11*	NM_001168221:exon15:c.G2489C:p.R830T	Missense_Mutation		
VSCC2	chr2:210558052-210558052	G	A	*MAP2*	NM_002374:exon7:c.G1158A:p.E386E	Silent		

VSCC2	chr2:219875545-219875545	G	C	*CFAP65*	NM_194302:exon25:c.C4131G:p.I1377M	Missense_Mutation	COSM4493317
VSCC2	chr2:234854567-234854567	A	G	*TRPM8*	NM_024080:exon7:c.A767G:p.N256S	Missense_Mutation	
VSCC2	chr3:4836862-4836862	G	T	*ITPR1*	NM_002222:exon49:c.G6733T:p.V2245F,ITPR1	Missense_Mutation	
VSCC2	chr3:27346302-27346302	G	A	*NEK10*	NM_152534:exon13:c.C964T:p.P322S,NEK10	Missense_Mutation	
VSCC2	chr3:51970483-51970483	G	A	*RRP9*	NM_004704:exon7:c.C606T:p.V202V	Silent	
VSCC2	chr3:51970486-51970486	G	T	*RRP9*	NM_004704:exon7:c.C603A:p.H201Q	Missense_Mutation	
VSCC2	chr3:138037034-138037034	C	T	*NME9*	NM_178130:exon6:c.G157A:p.E53K	Missense_Mutation	COSM204958
VSCC2	chr3:194167821-194167821	G	C	*ATP13A3*	NM_024524:exon13:c.C1332G:p.I444M	Missense_Mutation	
VSCC2	chr3:195102652-195102652	T	C	*ACAP2*	NM_012287:exon3:c.A211G:p.S71G	Missense_Mutation	
VSCC2	chr4:115750971-115750971	C	T	*NDST4*	NM_022569:exon13:c.G2474A:p.R825Q	Missense_Mutation	COSM5576861
VSCC2	chr4:187088179-187088179	C	T	*FAM149A*	NM_001006655:exon11:c.C1222T:p.R408X,FAM149A	Nonsense_Mutation	COSM293126
VSCC2	chr5:13845071-13845071	G	A	*DNAH5*	NM_001369:exon32:c.C5146T:p.R1716W	Missense_Mutation	COSM3609122
VSCC2	chr5:79950724-79950724	G	C	*MSH3*	NM_002439:exon1:c.G178C:p.A60P	Missense_Mutation	COSM4160032
VSCC2	chr5:95152261-95152261	C	G	*GLRX*	NM_001118890:exon2:c.G277C:p.G93R,GLRX	Missense_Mutation	
VSCC2	chr5:131008454-131008454	G	A	*FNIP1*	NM_001008738:exon13:c.C1599T:p.A533A,FNIP1	Silent	
VSCC2	chr5:140263477-140263477	G	A	*PCDHA13*	NM_018904:exon1:c.G1624A:p.V542M,PCDHA13	Missense_Mutation	
VSCC2	chr5:140580776-140580776	G	C	*PCDHB11*	NM_018931:exon1:c.G1429C:p.D477H	Missense_Mutation	
VSCC2	chr5:169469079-169469079	C	A	*DOCK2*	NM_004946:exon38:c.C3819A:p.H1273Q	Missense_Mutation	

VSCC2	chr6:66200518-66200518	A	G	*EYS*	NM_198283:exon4:c.T831C:p.S277S,EYS	Silent
VSCC2	chr6:88366695-88366695	C	A	*ORC3*	NM_001197259:exon14:c.C1159A:p.Q387K,ORC3	Missense_Mutation
VSCC2	chr6:152711478-152711478	G	A	*SYNE1*	NM_033071:exon53:c.C8135T:p.T2712I,SYNE1	Missense_Mutation
VSCC2	chr6:167754719-167754719	G	T	*TTLL2*	NM_031949:exon3:c.G1331T:p.R444I	Missense_Mutation
VSCC2	chr7:31682956-31682956	C	G	*CCDC129*	NM_194300:exon10:c.C1972G:p.Q658E,CCDC129	Missense_Mutation
VSCC2	chr7:47832275-47832275	T	C	*PKD1L1*	NM_138295:exon56:c.A8476G:p.R2826G	Missense_Mutation
VSCC2	chr7:113519312-113519312	C	A	*PPP1R3A*	NM_002711:exon4:c.G1835T:p.G612V	Missense_Mutation
VSCC2	chr7:143091352-143091352	C	T	*EPHA1*	NM_005232:exon15:c.G2437A:p.G813R	Missense_Mutation
VSCC2	chr8:21986446-21986446	C	T	*HR*	NM_005144:exon2:c.G238A:p.G80S,HR	Missense_Mutation
VSCC2	chr8:37553602-37553602	C	G	*ZNF703*	NM_025069:exon1:c.C105G:p.L35L	Silent
VSCC2	chr8:37630339-37630339	C	A	*PROSC*	NM_007198:exon5:c.C386A:p.S129Y	Missense_Mutation
VSCC2	chr8:38839176-38839176	G	T	*HTRA4*	NM_153692:exon6:c.G1004T:p.G335V	Missense_Mutation
VSCC2	chr8:67576962-67576962	C	A	*VCPIP1*	NM_025054:exon1:c.G2232T:p.R744S	Missense_Mutation
VSCC2	chr8:100796597-100796597	G	A	*VPS13B*	NM_017890:exon43:c.G7909A:p.D2637N,VPS13B	Missense_Mutation
VSCC2	chr8:113563045-113563045	G	T	*CSMD3*	NM_052900:exon26:c.C4107A:p.D1369E,CSMD3	Missense_Mutation
VSCC2	chr8:114186039-114186039	T	G	*CSMD3*	NM_052900:exon4:c.A621C:p.G207G,CSMD3	Silent
VSCC2	chr8:133141710-133141710	G	T	*KCNQ3*	NM_001204824:exon15:c.C2058A:p.G686G,KCNQ3	Silent
VSCC2	chr8:144943521-144943521	C	T	*EPPK1*	NM_031308:exon2:c.G3901A:p.E1301K	Missense_Mutation

VSCC2	chr9:116999266-116999266	C	T	*COL27A1*	NM_032888:exon18:c.C2625T:p.S875S	Silent	
VSCC2	chr9:131196802-131196802	C	T	*CERCAM*	NM_001286760:exon11:c.C1211T:p.A404V,CERCAM	Missense_Mutation	
VSCC2	chr9:134385770-134385770	A	G	*POMT1*	NM_001136114:exon7:c.A472G:p.I158V,POMT1	Missense_Mutation	
VSCC2	chr10:79769647-79769647	C	T	*POLR3A*	NM_007055:exon13:c.G1745A:p.R582H	Missense_Mutation	
VSCC2	chr10:91066510-91066510	C	T	*IFIT2*	NM_001547:exon2:c.C797T:p.A266V	Missense_Mutation	COSM921252
VSCC2	chr10:128952118-128952118	A	G	*FAM196A*	NM_001039762:exon5:c.T1254C:p.Y418Y	Silent	
VSCC2	chr11:637488-637488	G	A	*DRD4*	NM_000797:exon1:c.G184A:p.E62K	Missense_Mutation	
VSCC2	chr11:862623-862623	C	G	*TSPAN4*	NM_001025238:exon3:c.C137G:p.S46C,TSPAN4	Missense_Mutation	COSM4838149
VSCC2	chr11:2187265-2187265	C	A	*TH*	NM_000360:exon10:c.G1071T:p.G357G,TH	Silent	
VSCC2	chr11:2187266-2187266	C	A	*TH*	NM_000360:exon10:c.G1070T:p.G357V,TH	Missense_Mutation	
VSCC2	chr11:7079545-7079545	G	A	*NLRP14*	NM_176822:exon8:c.G2497A:p.E833K	Missense_Mutation	COSM1298568
VSCC2	chr11:55563506-55563506	T	C	*OR5D14*	NM_001004735:exon1:c.T475C:p.L159L	Silent	
VSCC2	chr11:55798727-55798727	A	C	*OR5AS1*	NM_001001921:exon1:c.A833C:p.Y278S	Missense_Mutation	
VSCC2	chr11:62288377-62288377	A	G	*AHNAK*	NM_001620:exon5:c.T13512C:p.G4504G	Silent	
VSCC2	chr11:78423628-78423628	G	C	*TENM4*	NM_001098816:exon26:c.C3953G:p.S1318C	Missense_Mutation	
VSCC2	chr11:96124092-96124092	A	C	*JRKL*	NM_003772:exon1:c.A279C:p.K93N,JRKL	Missense_Mutation	
VSCC2	chr11:104820439-104820439	G	C	*CASP4*	NM_001225:exon5:c.C612G:p.F204L,CASP4	Missense_Mutation	
VSCC2	chr11:117870158-117870158	G	T	*IL10RA*	NM_001558:exon7:c.G1539T:p.T513T	Silent	

VSCC2	chr11:118250463-118250463	C	T	*UBE4A*	NM_001204077:exon11:c.C1874T:p.P625L,UBE4A	Missense_Mutation	
VSCC2	chr12:109186283-109186283	G	T	*SSH1*	NM_001161331:exon13:c.C1705A:p.Q569K,SSH1	Missense_Mutation	
VSCC2	chr12:109877485-109877485	G	A	*MYO1H*	NM_001101421:exon23:c.G2296A:p.E766K	Missense_Mutation	
VSCC2	chr12:112681561-112681561	G	A	*HECTD4*	NM_001109662:exon31:c.C4252T:p.R1418C	Missense_Mutation	
VSCC2	chr12:125834832-125834832	C	T	*TMEM132B*	NM_052907:exon2:c.C887T:p.T296M	Missense_Mutation	COSM1359971
VSCC2	chr12:129558630-129558630	C	A	*TMEM132D*	NM_133448:exon9:c.G3090T:p.Q1030H	Missense_Mutation	
VSCC2	chr14:30100070-30100070	T	C	*PRKD1*	NM_002742:exon10:c.A1550G:p.N517S	Missense_Mutation	
VSCC2	chr14:74823625-74823625	C	T	*VRTN*	NM_018228:exon2:c.C139T:p.R47W	Missense_Mutation	
VSCC2	chr14:74824184-74824184	G	A	*VRTN*	NM_018228:exon2:c.G698A:p.R233H	Missense_Mutation	
VSCC2	chr14:95669610-95669610	G	A	*CLMN*	NM_024734:exon9:c.C2076T:p.S692S	Silent	
VSCC2	chr14:100406417-100406417	G	C	*EML1*	NM_004434:exon22:c.G2416C:p.D806H,EML1	Missense_Mutation	
VSCC2	chr15:43784537-43784537	C	T	*TP53BP1*	NM_001141979:exon2:c.G137A:p.S46N,TP53BP1	Missense_Mutation	
VSCC2	chr15:73562384-73562384	C	T	*NEO1*	NM_001172623:exon17:c.C2528T:p.A843V,NEO1	Missense_Mutation	
VSCC2	chr15:101112254-101112254	G	A	*LINS1*	NM_001040616:exon6:c.C1239T:p.F413F	Silent	
VSCC2	chr16:23494245-23494245	G	A	*GGA2*	NM_015044:exon9:c.C879T:p.L293L	Silent	
VSCC2	chr16:57828979-57828979	G	A	*KIFC3*	NM_001130100:exon3:c.C247T:p.Q83X,KIFC3	Nonsense_Mutation	
VSCC2	chr16:88501108-88501108	C	A	*ZNF469*	NM_001127464:exon2:c.C7146A:p.A2382A	Silent	COSM3818166
VSCC2	chr17:10368006-10368006	G	T	*MYH4*	NM_017533:exon6:c.C525A:p.I175I	Silent	

VSCC2	chr17:11520795-11520795	G	C	*DNAH9*	NM_001372:exon5:c.G972C:p.E324D	Missense_Mutation	
VSCC2	chr17:21318801-21318801	G	A	*KCNJ12,KCNJ18*	NM_001194958:exon3:c.G147A:p.K49K,KCNJ12	Silent	
VSCC2	chr17:34842557-34842557	A	G	*ZNHIT3*	NM_001281432:exon1:c.A14G:p.K5R,ZNHIT3	Missense_Mutation	
VSCC2	chr17:48472323-48472323	C	G	*LRRC59*	NM_018509:exon2:c.G132C:p.L44L	Silent	
VSCC2	chr17:56584673-56584673	G	A	*MTMR4*	NM_004687:exon9:c.C673T:p.R225C	Missense_Mutation	
VSCC2	chr17:57134296-57134296	C	T	*TRIM37*	NM_001005207:exon13:c.G1139A:p.R380H,TRIM37	Missense_Mutation	COSM981896
VSCC2	chr17:60813788-60813788	G	A	*MARCH10*	NM_001100875:exon6:c.C1441T:p.L481L,MARCH10	Silent	
VSCC2	chr18:346930-346930	C	T	*COLEC12*	NM_130386:exon5:c.G692A:p.S231N	Missense_Mutation	
VSCC2	chr18:627372-627372	T	G	*CLUL1*	NM_014410:exon5:c.T699G:p.S233S,CLUL1	Silent	COSM988277
VSCC2	chr18:8785985-8785985	G	A	*MTCL1*	NM_015210:exon7:c.G1783A:p.E595K	Missense_Mutation	
VSCC2	chr18:19378103-19378103	A	C	*MIB1*	NM_020774:exon8:c.A1151C:p.E384A	Missense_Mutation	
VSCC2	chr18:66721273-66721273	G	T	*CCDC102B*	NM_024781:exon8:c.G1441T:p.D481Y,CCDC102B	Missense_Mutation	
VSCC2	chr19:36530289-36530289	C	T	*THAP8*	NM_152658:exon3:c.G608A:p.R203Q	Missense_Mutation	
VSCC2	chr19:36558822-36558822	G	T	*WDR62*	NM_001083961:exon7:c.G792T:p.R264R,WDR62	Silent	
VSCC2	chr19:46001857-46001857	C	G	*PPM1N*	NM_001080401:exon1:c.C127G:p.R43G	Missense_Mutation	
VSCC2	chr19:52856964-52856964	C	T	*ZNF610*	NM_001161425:exon4:c.C93T:p.I31I,ZNF610	Silent	COSM5045737
VSCC2	chr19:57967623-57967623	G	A	*VN1R1*	NM_020633:exon1:c.C232T:p.H78Y	Missense_Mutation	COSM81958
VSCC2	chr19:58773355-58773355	G	C	*ZNF544*	NM_014480:exon7:c.G1383C:p.E461D	Missense_Mutation	

VSCC2	chr20:13280000-13280000	G	A	*ISM1*	NM_080826:exon6:c.G1289A:p.W430X	Nonsense_Mutation	
VSCC2	chr20:18576731-18576731	C	T	*DTD1*	NM_080820:exon3:c.C216T:p.Y72Y	Silent	
VSCC2	chr20:62303959-62303959	C	A	*RTEL1*	NM_001283010:exon8:c.C81A:p.D27E,RTEL1	Missense_Mutation	
VSCC2	chr21:47412667-47412667	C	A	*COL6A1*	NM_001848:exon19:c.C1278A:p.G426G	Silent	
VSCC2	chr22:38823593-38823593	G	A	*KCNJ4*	NM_004981:exon2:c.C545T:p.A182V,KCNJ4	Missense_Mutation	
VSCC2	chr22:39262713-39262713	G	C	*CBX6*	NM_001303494:exon5:c.C686G:p.P229R,CBX6	Missense_Mutation	
VSCC2	chr22:44495948-44495948	G	A	*PARVB*	NM_001243385:exon3:c.G107A:p.R36H,PARVB	Missense_Mutation	
VSCC2	chr22:46739213-46739213	C	T	*TRMU*	NM_001282785:exon3:c.C303T:p.C101C,TRMU	Silent	
VSCC2	chrX:30269369-30269369	A	G	*MAGEB1*	NM_177404:exon2:c.A759G:p.K253K,MAGEB1	Silent	
VSCC2	chrX:103499487-103499487	C	T	*ESX1*	NM_153448:exon1:c.G44A:p.R15H	Missense_Mutation	
VSCC2	chrX:105011617-105011617	C	T	*IL1RAPL2*	NM_017416:exon11:c.C2024T:p.S675F	Missense_Mutation	
VSCC2	chrX:122765666-122765666	G	A	*THOC2*	NM_001081550:exon22:c.C2354T:p.A785V	Missense_Mutation	
VSCC2	chr13:32913575-32913575	G	T	*BRCA2*	NM_000059:exon11:c.G5083T:p.E1695X	Nonsense_Mutation	*BRCA2*
VSCC2	chr12:70963693-70963693	G	A	*PTPRB*	NM_001206971:exon11:c.C2472T:p.H824H,PTPRB	Silent	*PTPRB*
VSCC2	chr4:140811081-140811081	-	TGT	*MAML3*	NM_018717:exon2:c.1508_1509insACA:p.Q503delinsQQ	In_Frame_Ins	
VSCC2	chr9:111734996-111734996	-	T	*CTNNAL1*	NM_001286974:exon9:c.1305dupA:p.Y436fs,CTNNAL1	Frame_Shift_Ins	
VSCC2	chr11:117789313-117789327	GGGCTGGAGATGCCT	-	*TMPRSS13*	NM_001077263:exon2:c.248_262del:p.83_88del,TMPRSS13	In_Frame_Del	
VSCC2	chr17:39305775-39305775	-	GGCAGCAGCTGGGGC	*KRTAP4-5*	NM_033188:exon1:c.244_245insGCCCCAGCTGCTGCC:p.Q82delinsRPSCCQ	In_Frame_Ins	

VSCC2	chr19:17397500-17397501	TT	-	*ANKLE1*	NM_001278444:exon8:c.1932_1933del:p.C644fs	Frame_Shift_Del	
VSCC12	chr1:16060412-16060412	C	A	*PLEKHM2*	NM_015164:exon20:c.C3043A:p.R1015R	Silent	
VSCC12	chr1:20005817-20005817	G	C	*HTR6*	NM_000871:exon3:c.G1279C:p.E427Q	Missense_Mutation	
VSCC12	chr1:31897655-31897655	C	G	*SERINC2*	NM_001199037:exon3:c.C339G:p.F113L,SERINC2	Missense_Mutation	
VSCC12	chr1:40773169-40773169	G	A	*COL9A2*	NM_001852:exon19:c.C957T:p.G319G	Silent	
VSCC12	chr1:44447469-44447469	C	A	*B4GALT2*	NM_001005417:exon3:c.C422A:p.P141Q,B4GALT2	Missense_Mutation	
VSCC12	chr1:57372361-57372361	C	T	*C8A*	NM_000562:exon8:c.C1118T:p.T373M	Missense_Mutation	
VSCC12	chr1:95710101-95710101	G	A	*RWDD3*	NM_001128142:exon2:c.G420A:p.W140X,RWDD3	Nonsense_Mutation	
VSCC12	chr1:151076119-151076119	C	A	*GABPB2*	NM_144618:exon6:c.C704A:p.S235X	Nonsense_Mutation	
VSCC12	chr1:161140956-161140956	C	G	*PPOX*	NM_000309:exon13:c.C1424G:p.P475R,PPOX	Missense_Mutation	
VSCC12	chr1:186358739-186358739	G	A	*C1orf27*	NM_001164246:exon5:c.G361A:p.D121N,C1orf27	Missense_Mutation	
VSCC12	chr1:204379403-204379403	C	G	*PPP1R15B*	NM_032833:exon1:c.G1137C:p.E379D	Missense_Mutation	COSM721845
VSCC12	chr1:228285580-228285580	G	A	*ARF1*	NM_001024226:exon5:c.G412A:p.E138K,ARF1	Missense_Mutation	
VSCC12	chr1:233275496-233275496	G	A	*PCNXL2*	NM_014801:exon20:c.C3623T:p.A1208V	Missense_Mutation	
VSCC12	chr1:236923029-236923029	G	C	*ACTN2*	NM_001103:exon19:c.G2307C:p.K769N,ACTN2	Missense_Mutation	COSM4388891
VSCC12	chr2:26203478-26203478	C	G	*KIF3C*	NM_002254:exon1:c.G1309C:p.D437H	Missense_Mutation	
VSCC12	chr2:28741348-28741348	C	G	*PLB1*	NM_001170585:exon3:c.C133G:p.P45A,PLB1	Missense_Mutation	
VSCC12	chr2:43452225-43452225	C	T	*ZFP36L2*	NM_006887:exon2:c.G718A:p.D240N	Missense_Mutation	

VSCC12	chr2:73718109-73718109	C	G	*ALMS1*	NM_015120:exon10:c.C9020G:p.S3007C	Missense_Mutation		
VSCC12	chr2:74653626-74653626	G	C	*RTKN*	NM_001015055:exon12:c.C1436G:p.P479R,RTKN	Missense_Mutation		
VSCC12	chr2:97363495-97363495	C	T	*FER1L5*	NM_001293083:exon39:c.C4233T:p.L1411L	Silent		COSM397191
VSCC12	chr2:97483109-97483109	C	G	*CNNM3*	NM_017623:exon1:c.C1095G:p.L365L,CNNM3	Silent		
VSCC12	chr2:182784064-182784064	G	A	*SSFA2*	NM_001287504:exon13:c.G2576A:p.R859Q,SSFA2	Missense_Mutation		
VSCC12	chr2:197870481-197870481	C	T	*ANKRD44*	NM_001195144:exon21:c.G2284A:p.E762K	Missense_Mutation		
VSCC12	chrX:63412990-63412990	G	A	*AMER1*	NM_152424:exon2:c.C177T:p.L59L	Silent	*AMER1*	
VSCC12	chr2:224462203-224462203	C	G	*SCG2*	NM_003469:exon2:c.G1798C:p.E600Q	Missense_Mutation		COSM4840394
VSCC12	chr2:225719704-225719704	C	G	*DOCK10*	NM_001290263:exon16:c.G1846C:p.D616H,DOCK10	Missense_Mutation		
VSCC12	chr2:228337269-228337269	C	G	*AGFG1*	NM_001135187:exon1:c.C132G:p.V44V,AGFG1	Silent		
VSCC12	chr3:32995871-32995871	C	G	*CCR4*	NM_005508:exon2:c.C957G:p.F319L	Missense_Mutation		
VSCC12	chr3:38129839-38129839	C	A	*DLEC1*	NM_007335:exon10:c.C1625A:p.S542X,DLEC1	Nonsense_Mutation		
VSCC12	chr3:52430652-52430652	C	A	*DNAH1*	NM_015512:exon72:c.C11449A:p.L3817M	Missense_Mutation		
VSCC12	chr3:52835148-52835148	G	A	*ITIH3*	NM_002217:exon11:c.G1369A:p.D457N	Missense_Mutation		
VSCC12	chr3:100039765-100039765	C	G	*TBC1D23*	NM_018309:exon17:c.C1923G:p.F641L,TBC1D23	Missense_Mutation		
VSCC12	chr3:129284735-129284735	G	A	*PLXND1*	NM_015103:exon24:c.C4317T:p.R1439R	Silent		COSM1721409
VSCC12	chr3:169824648-169824648	G	A	*PHC3*	NM_001308116:exon12:c.C2404T:p.R802X,PHC3	Nonsense_Mutation		
VSCC12	chr4:2701548-2701548	G	A	*FAM193A*	NM_001256666:exon17:c.G2776A:p.E926K,FAM193A	Missense_Mutation		

VSCC12	chr4:2701742-2701742	G	C	*FAM193A*	NM_001256666:exon17:c.G2970C:p.M990I,FAM193A	Missense_Mutation	
VSCC12	chr4:2701896-2701896	G	C	*FAM193A*	NM_001256666:exon17:c.G3124C:p.E1042Q,FAM193A	Missense_Mutation	
VSCC12	chr4:53492406-53492406	C	G	*USP46*	NM_001134223:exon4:c.G319C:p.D107H,USP46	Missense_Mutation	COSM2690403
VSCC12	chr4:57250291-57250291	G	A	*AASDH*	NM_001286671:exon2:c.C175T:p.R59W,AASDH	Missense_Mutation	
VSCC12	chr4:72205163-72205163	G	A	*SLC4A4*	NM_003759:exon1:c.G198A:p.T66T,SLC4A4	Silent	COSM5459694
VSCC12	chr4:89358067-89358067	G	A	*HERC6*	NM_001165136:exon18:c.G2320A:p.E774K,HERC6	Missense_Mutation	
VSCC12	chr5:37247781-37247781	A	G	*C5orf42*	NM_023073:exon2:c.T20C:p.I7T	Missense_Mutation	
VSCC12	chr5:41172399-41172399	G	A	*C6*	NM_000065:exon9:c.C1219T:p.R407C,C6	Missense_Mutation	COSM3610511
VSCC12	chr5:59189071-59189071	C	T	*PDE4D*	NM_001104631:exon1:c.G379A:p.A127T	Missense_Mutation	
VSCC12	chr5:122734838-122734838	A	G	*CEP120*	NM_001166226:exon5:c.T526C:p.L176L,CEP120	Silent	
VSCC12	chr5:133896546-133896546	G	A	*JADE2*	NM_001289984:exon6:c.G583A:p.E195K,JADE2	Missense_Mutation	
VSCC12	chr5:140167520-140167520	G	A	*PCDHA1*	NM_018900:exon1:c.G1645A:p.V549M,PCDHA1	Missense_Mutation	COSM3393447
VSCC12	chr5:140474669-140474669	G	A	*PCDHB2*	NM_018936:exon1:c.G295A:p.G99S	Missense_Mutation	
VSCC12	chr5:140558415-140558415	C	T	*PCDHB8*	NM_019120:exon1:c.C800T:p.A267V	Missense_Mutation	
VSCC12	chr5:154394120-154394120	C	G	*KIF4B*	NM_001099293:exon1:c.C701G:p.S234C	Missense_Mutation	
VSCC12	chr5:171639140-171639140	C	G	*UBTD2*	NM_152277:exon3:c.G399C:p.K133N	Missense_Mutation	
VSCC12	chr5:172110736-172110736	G	A	*NEURL1B*	NM_001308177:exon2:c.G346A:p.V116M,NEURL1B	Missense_Mutation	
VSCC12	chr5:176008571-176008571	C	T	*CDHR2*	NM_001171976:exon17:c.C2046T:p.T682T,CDHR2	Silent	

VSCC12	chr6:41250153-41250153	A	G	*TREM1*	NM_001242589:exon2:c.T386C:p.I129T,TREM1	Missense_Mutation	COSM281614
VSCC12	chr6:43005663-43005663	G	A	*CUL7*	NM_001168370:exon26:c.C5112T:p.D1704D,CUL7	Silent	
VSCC12	chr6:43418993-43418993	C	T	*DLK2*	NM_001286655:exon6:c.G325A:p.G109R,DLK2	Missense_Mutation	
VSCC12	chr6:43477425-43477425	G	C	*LRRC73*	NM_001012974:exon1:c.C99G:p.L33L	Silent	
VSCC12	chr6:88136265-88136265	C	A	*CFAP206*	NM_001031743:exon8:c.C862A:p.Q288K	Missense_Mutation	
VSCC12	chr6:105219890-105219890	G	A	*HACE1*	NM_020771:exon18:c.C1924T:p.R642W	Missense_Mutation	COSM4852807
VSCC12	chr6:121768559-121768559	G	C	*GJA1*	NM_000165:exon2:c.G566C:p.R189T	Missense_Mutation	
VSCC12	chr6:136709544-136709544	G	A	*MAP7*	NM_001198608:exon5:c.C579T:p.S193S,MAP7	Silent	COSM4707457
VSCC12	chr6:155451331-155451331	C	T	*TIAM2*	NM_012454:exon3:c.C974T:p.T325M	Missense_Mutation	
VSCC12	chr6:166743054-166743054	C	T	*SFT2D1*	NM_145169:exon3:c.G174A:p.P58P	Silent	COSM1084192
VSCC12	chr7:1607367-1607367	C	G	*PSMG3*	NM_032302:exon2:c.G336C:p.L112L,PSMG3	Silent	
VSCC12	chr7:2686885-2686885	C	T	*TTYH3*	NM_025250:exon3:c.C403T:p.R135C	Missense_Mutation	COSM4595034
VSCC12	chr7:30492002-30492002	C	T	*NOD1*	NM_006092:exon6:c.G1031A:p.R344Q	Missense_Mutation	
VSCC12	chr7:66418272-66418272	G	A	*TMEM248*	NM_017994:exon6:c.G840A:p.M280I	Missense_Mutation	
VSCC12	chr7:113519095-113519095	G	A	*PPP1R3A*	NM_002711:exon4:c.C2052T:p.D684D	Silent	
VSCC12	chr7:143095733-143095733	G	T	*EPHA1*	NM_005232:exon6:c.C1297A:p.H433N	Missense_Mutation	
VSCC12	chr7:149191319-149191319	C	T	*ZNF746*	NM_001163474:exon2:c.G300A:p.P100P,ZNF746	Silent	COSM1755638
VSCC12	chr8:85785570-85785570	C	A	*RALYL*	NM_001287243:exon6:c.C590A:p.T197N,RALYL	Missense_Mutation	COSM1455723

VSCC12	chr8:121220484-121220484	G	A	*COL14A1*	NM_021110:exon11:c.G1205A:p.G402E	Missense_Mutation	
VSCC12	chr8:121298137-121298137	G	A	*COL14A1*	NM_021110:exon33:c.G4005A:p.Q1335Q	Silent	COSM455781
VSCC12	chr8:144688768-144688768	G	A	*PYCRL*	NM_023078:exon4:c.C454T:p.R152W	Missense_Mutation	
VSCC12	chr8:145700299-145700299	G	A	*FOXH1*	NM_003923:exon3:c.C420T:p.F140F	Silent	
VSCC12	chr8:146062844-146062844	G	A	*ZNF7*	NM_001282795:exon4:c.G232A:p.D78N,ZNF7	Missense_Mutation	COSM1184451
VSCC12	chr9:21481504-21481504	G	A	*IFNE*	NM_176891:exon1:c.C190T:p.Q64X	Nonsense_Mutation	COSM5063712
VSCC12	chr9:21481513-21481513	G	C	*IFNE*	NM_176891:exon1:c.C181G:p.L61V	Missense_Mutation	COSM3847955
VSCC12	chr9:103054706-103054706	G	C	*INVS*	NM_014425:exon14:c.G2167C:p.E723Q,INVS	Missense_Mutation	
VSCC12	chr9:125920679-125920679	G	A	*STRBP*	NM_001171137:exon10:c.C823T:p.R275X,STRBP	Nonsense_Mutation	
VSCC12	chr9:134334661-134334661	C	T	*PRRC2B*	NM_013318:exon10:c.C1322T:p.A441V	Missense_Mutation	
VSCC12	chr9:134526226-134526226	C	T	*RAPGEF1*	NM_001304275:exon2:c.G172A:p.V58I,RAPGEF1	Missense_Mutation	
VSCC12	chr9:136083528-136083528	T	A	*OBP2B*	NM_001288987:exon3:c.A269T:p.Y90F,OBP2B	Missense_Mutation	
VSCC12	chr10:375376-375376	G	C	*DIP2C*	NM_014974:exon30:c.C3750G:p.L1250L	Silent	
VSCC12	chr10:50534472-50534472	G	A	*C10orf71*	NM_001135196:exon3:c.G3882A:p.V1294V	Silent	
VSCC12	chr10:61815765-61815765	G	A	*ANK3*	NM_001149:exon19:c.C2588T:p.S863L,ANK3	Missense_Mutation	
VSCC12	chr10:69933900-69933900	C	T	*MYPN*	NM_032578:exon11:c.C2051T:p.S684F,MYPN	Missense_Mutation	
VSCC12	chr10:71332374-71332374	C	T	*NEUROG3*	NM_020999:exon2:c.G426A:p.A142A	Silent	
VSCC12	chr10:75413087-75413087	C	A	*SYNPO2L*	NM_001114133:exon3:c.G582T:p.Q194H	Missense_Mutation	COSM3435940

VSCC12	chr10:104414482-104414482	G	C	*TRIM8*	NM_030912:exon2:c.G643C:p.E215Q	Missense_Mutation	
VSCC12	chr10:115970348-115970348	G	A	*TDRD1*	NM_198795:exon12:c.G1393A:p.E465K	Missense_Mutation	
VSCC12	chr10:124392756-124392756	C	T	*DMBT1*	NM_004406:exon36:c.C4176T:p.S1392S,DMBT1	Silent	
VSCC12	chr10:134942560-134942560	G	A	*ADGRA1*	NM_001291085:exon4:c.G937A:p.D313N,ADGRA1	Missense_Mutation	
VSCC12	chr10:135024202-135024202	C	G	*KNDC1*	NM_152643:exon21:c.C3882G:p.L1294L	Silent	
VSCC12	chr11:4128753-4128753	G	T	*RRM1*	NM_001033:exon4:c.G375T:p.L125L	Silent	COSM5960918
VSCC12	chr11:11470398-11470398	G	A	*GALNT18*	NM_198516:exon2:c.C321T:p.P107P	Silent	
VSCC12	chr11:24936083-24936083	A	T	*LUZP2*	NM_001009909:exon7:c.A521T:p.K174M,LUZP2	Missense_Mutation	
VSCC12	chr11:35454425-35454425	G	A	*PAMR1*	NM_001282676:exon9:c.C1309T:p.L437L,PAMR1	Silent	
VSCC12	chr11:55798763-55798763	A	G	*OR5AS1*	NM_001001921:exon1:c.A869G:p.Y290C	Missense_Mutation	COSM260742
VSCC12	chr11:64000245-64000245	G	T	*DNAJC4*	NM_001307980:exon4:c.G438T:p.L146F,DNAJC4	Missense_Mutation	
VSCC12	chr11:65479834-65479834	C	T	*KAT5*	NM_001206833:exon1:c.C96T:p.V32V,KAT5	Silent	COSM5532999
VSCC12	chr11:76893106-76893106	C	T	*MYO7A*	NM_000260:exon24:c.C3014T:p.A1005V,MYO7A	Missense_Mutation	
VSCC12	chr11:126126690-126126690	G	A	*FAM118B*	NM_024556:exon7:c.G925A:p.D309N	Missense_Mutation	
VSCC12	chr11:134240278-134240278	C	G	*GLB1L2*	NM_138342:exon12:c.C1200G:p.L400L	Silent	
VSCC12	chr12:5021159-5021159	C	T	*KCNA1*	NM_000217:exon2:c.C615T:p.I205I	Silent	
VSCC12	chr12:25276205-25276205	C	T	*CASC1*	NM_001204101:exon7:c.G823A:p.E275K,CASC1	Missense_Mutation	
VSCC12	chr12:32764104-32764104	A	G	*FGD4*	NM_001304480:exon10:c.A1561G:p.M521V,FGD4	Missense_Mutation	

VSCC12	chr12:56743275-56743275	C	A	*STAT2*	NM_005419:exon15:c.G1276T:p.E426X,STAT2	Nonsense_Mutation		
VSCC12	chr12:46245036-46245036	C	T	*ARID2*	NM_152641:exon15:c.C3130T:p.Q1044X	Nonsense_Mutation	*ARID2*	
VSCC12	chr13:25671813-25671813	G	T	*PABPC3*	NM_030979:exon1:c.G1477T:p.A493S	Missense_Mutation		COSM697145
VSCC12	chr13:99092981-99092981	C	T	*FARP1*	NM_005766:exon24:c.C2687T:p.S896L,FARP1	Missense_Mutation		
VSCC12	chr14:21827753-21827753	C	A	*SUPT16H*	NM_007192:exon19:c.G2191T:p.G731W	Missense_Mutation		
VSCC12	chr14:25100385-25100385	C	A	*GZMB*	NM_004131:exon5:c.G636T:p.V212V	Silent		
VSCC12	chr14:65260585-65260585	C	T	*SPTB*	NM_000347:exon13:c.G1796A:p.G599E,SPTB	Missense_Mutation		
VSCC12	chr15:48521410-48521410	G	C	*SLC12A1*	NM_000338:exon6:c.G749C:p.R250T,SLC12A1	Missense_Mutation		
VSCC12	chr15:65115996-65115996	G	A	*PIF1*	NM_001286496:exon2:c.C539T:p.A180V,PIF1	Missense_Mutation		
VSCC12	chr15:72580727-72580727	G	C	*CELF6*	NM_001172685:exon9:c.C829G:p.Q277E,CELF6	Missense_Mutation		
VSCC12	chr16:419104-419104	G	A	*MRPL28*	NM_006428:exon3:c.C405T:p.I135I	Silent		
VSCC12	chr16:2487230-2487230	C	G	*CCNF*	NM_001761:exon5:c.C447G:p.I149M	Missense_Mutation		
VSCC12	chr16:28331643-28331643	G	A	*SBK1*	NM_001024401:exon4:c.G676A:p.D226N	Missense_Mutation		
VSCC12	chr16:28508611-28508611	C	A	*APOBR*	NM_018690:exon2:c.C2249A:p.P750Q	Missense_Mutation		
VSCC12	chr16:54318699-54318699	G	A	*IRX3*	NM_024336:exon2:c.C1094T:p.S365L	Missense_Mutation		
VSCC12	chr16:84005769-84005769	C	T	*NECAB2*	NM_019065:exon2:c.C215T:p.A72V	Missense_Mutation		COSM2694009
VSCC12	chr17:4846727-4846727	C	G	*RNF167*	NM_015528:exon8:c.C583G:p.R195G	Missense_Mutation		
VSCC12	chr17:4848075-4848075	C	A	*RNF167*	NM_015528:exon10:c.C817A:p.Q273K	Missense_Mutation		

VSCC12	chr17:4850056-4850056	C	T	*PFN1*	NM_005022:exon2:c.G192A:p.L64L	Silent	
VSCC12	chr17:8110565-8110565	G	A	*AURKB*	NM_001256834:exon4:c.C204T:p.F68F,AURKB	Silent	
VSCC12	chr17:8248713-8248713	C	T	*ODF4*	NM_153007:exon2:c.C507T:p.F169F	Silent	
VSCC12	chr17:36491031-36491031	C	A	*GPR179*	NM_001004334:exon7:c.G1530T:p.V510V	Silent	
VSCC12	chr17:55027619-55027619	C	G	*COIL*	NM_004645:exon2:c.G984C:p.L328F	Missense_Mutation	
VSCC12	chr17:57057807-57057807	C	T	*PPM1E*	NM_014906:exon7:c.C1683T:p.I561I	Silent	COSM4822685
VSCC12	chr17:64800015-64800015	G	C	*PRKCA*	NM_002737:exon17:c.G1879C:p.D627H	Missense_Mutation	
VSCC12	chr17:76399975-76399975	C	T	*PGS1*	NM_024419:exon7:c.C1207T:p.R403W	Missense_Mutation	
VSCC12	chr18:18622658-18622658	G	A	*ROCK1*	NM_005406:exon7:c.C688T:p.R230X	Nonsense_Mutation	
VSCC12	chr18:21357542-21357542	C	T	*LAMA3*	NM_001127717:exon11:c.C1427T:p.S476F,LAMA3	Missense_Mutation	
VSCC12	chr19:12984281-12984281	C	T	*MAST1*	NM_014975:exon25:c.C3407T:p.S1136L	Missense_Mutation	
VSCC12	chr19:14083774-14083774	G	A	*RFX1*	NM_002918:exon9:c.C1095T:p.V365V	Silent	
VSCC12	chr19:14083934-14083934	G	A	*RFX1*	NM_002918:exon9:c.C935T:p.S312F	Missense_Mutation	
VSCC12	chr19:17397393-17397393	G	C	*ANKLE1*	NM_001278444:exon8:c.G1825C:p.E609Q	Missense_Mutation	
VSCC12	chr19:17566692-17566692	G	T	*NXNL1*	NM_138454:exon2:c.C403A:p.R135S	Missense_Mutation	
VSCC12	chr19:17566762-17566762	G	A	*NXNL1*	NM_138454:exon2:c.C333T:p.L111L	Silent	
VSCC12	chr19:17756511-17756511	G	A	*UNC13A*	NM_001080421:exon18:c.C2328T:p.S776S	Silent	
VSCC12	chr19:36212683-36212683	C	T	*KMT2B*	NM_014727:exon3:c.C2434T:p.Q812X	Nonsense_Mutation	COSM5080757

VSCC12	chr19:36221514-36221514	A	G	*KMT2B*	NM_014727:exon25:c.A5273G:p.Y1758C	Missense_Mutation		
VSCC12	chr19:43967881-43967881	C	A	*LYPD3*	NM_014400:exon3:c.G252T:p.S84S	Silent		
VSCC12	chr19:48048314-48048314	G	A	*ZNF541*	NM_001277075:exon3:c.C1472T:p.S491L	Missense_Mutation		
VSCC12	chr19:48954053-48954053	G	A	*GRWD1*	NM_031485:exon5:c.G813A:p.P271P	Silent		
VSCC12	chr19:56538774-56538774	G	A	*NLRP5*	NM_153447:exon7:c.G1175A:p.R392H	Missense_Mutation		
VSCC12	chr20:20618075-20618075	C	T	*RALGAPA2*	NM_020343:exon8:c.G737A:p.R246Q	Missense_Mutation		
VSCC12	chr20:30386185-30386185	C	G	*TPX2*	NM_012112:exon17:c.C1963G:p.L655V	Missense_Mutation		
VSCC12	chr20:31596467-31596467	C	G	*BPIFB2*	NM_025227:exon2:c.C87G:p.L29L	Silent		COSM1217476
VSCC12	chr20:62119675-62119675	C	G	*EEF1A2*	NM_001958:exon8:c.G1368C:p.Q456H	Missense_Mutation		COSM4865737
VSCC12	chr22:22890932-22890932	C	T	*PRAME*	NM_001291719:exon4:c.G1039A:p.D347N,PRAME	Missense_Mutation		
VSCC12	chr22:29879407-29879407	C	T	*NEFH*	NM_021076:exon2:c.C927T:p.D309D	Silent		
VSCC12	chrX:53613791-53613791	G	A	*HUWE1*	NM_031407:exon38:c.C4693T:p.Q1565X	Nonsense_Mutation		
VSCC12	chrX:77270248-77270248	C	G	*ATP7A*	NM_001282224:exon10:c.C2262G:p.L754L,ATP7A	Silent		
VSCC12	chrX:83411163-83411163	G	A	*RPS6KA6*	NM_014496:exon3:c.C178T:p.H60Y	Missense_Mutation		
VSCC12	chrX:114468436-114468436	C	T	*LRCH2*	NM_001243963:exon1:c.G169A:p.G57S,LRCH2	Missense_Mutation		
VSCC12	chrX:134426397-134426397	G	A	*ZNF75D*	NM_007131:exon4:c.C414T:p.V138V	Silent		
VSCC12	chrX:153537746-153537746	G	A	*TKTL1*	NM_001145934:exon2:c.G134A:p.G45E,TKTL1	Missense_Mutation		
VSCC12	chr13:32906981-32906981	G	C	*BRCA2*	NM_000059:exon10:c.G1366C:p.E456Q	Missense_Mutation	*BRCA2*	

VSCC12	chr13:32907084-32907084	G	A	*BRCA2*	NM_000059:exon10:c.G1469A:p.G490E	Missense_Mutation	*BRCA2*	COSM5476895
VSCC12	chr2:202149751-202149751	C	T	*CASP8*	NM_033356:exon7:c.C970T:p.Q324X,CASP8	Nonsense_Mutation	*CASP8*	
VSCC12	chr19:42383268-42383268	G	A	*CD79A*	NM_001783:exon2:c.G288A:p.V96V	Silent	*CD79A*	
VSCC12	chr19:42797319-42797319	C	A	*CIC*	NM_015125:exon15:c.C3681A:p.P1227P,CIC	Silent	*CIC*	COSM3390415
VSCC12	chr16:3777833-3777833	C	G	*CREBBP*	NM_001079846:exon30:c.G7101C:p.Q2367H,CREBBP	Missense_Mutation	*CREBBP*	
VSCC12	chr4:153247175-153247175	T	C	*FBXW7*	NM_001013415:exon9:c.A1273G:p.R425G,FBXW7	Missense_Mutation	*FBXW7*	
VSCC12	chr12:49434236-49434236	G	A	*KMT2D*	NM_003482:exon31:c.C7317T:p.P2439P	Silent	*KMT2D*	
VSCC12	chr9:139413049-139413049	G	A	*NOTCH1*	NM_017617:exon6:c.C1093T:p.R365C	Missense_Mutation	*NOTCH1*	
VSCC12	chr12:111856313-111856313	G	A	*SH2B3*	NM_005475:exon2:c.G364A:p.E122K	Missense_Mutation	*SH2B3*	
VSCC12	chr17:7577511-7577511	A	C	*TP53*	NM_001126115:exon3:c.T374G:p.L125R,TP53	Missense_Mutation	*TP53*	
VSCC12	chr11:95825375-95825383	TGCTGCTGC	-	*MAML2*	NM_032427:exon2:c.1812_1820del:p.604_607del	In_Frame_Del	*MAML2*	
VSCC12	chr2:88926730-88926732	CAG	-	*EIF2AK3*	NM_004836:exon1:c.61_63del:p.21_21del	In_Frame_Del		COSM4958453
VSCC12	chr3:27763427-27763427	-	CGGCGC	*EOMES*	NM_001278182:exon1:c.358_359insGCGCCG:p.A120delinsGAA,EOMES	In_Frame_Ins		
VSCC12	chr4:140811081-140811081	-	TGT	*MAML3*	NM_018717:exon2:c.1508_1509insACA:p.Q503delinsQQ	In_Frame_Ins		
VSCC12	chr8:74153720-74153720	-	T	*C8orf89*	NM_001243237:exon4:c.457dupA:p.S153fs	Frame_Shift_Ins		
VSCC12	chr9:100092968-100092968	-	GAGGAG	*CCDC180*	NM_020893:exon18:c.2325_2326insGAGGAG:p.E775delinsEEE	In_Frame_Ins		
VSCC12	chr21:46057613-46057627	CTGCTGTGTGCCTGT	-	*KRTAP10-10*	NM_181688:exon1:c.279_293del:p.93_98del	In_Frame_Del		
VSCC12	chr22:29885599-29885604	AGGAAG	-	*NEFH*	NM_021076:exon4:c.1970_1975del:p.657_659del	In_Frame_Del		COSM5048034

VSCC4	chr14:99642095-99642095	C	A	*BCL11B*	NM_001282238:exon3:c.G862T:p.A288S,BCL11B	Missense_Mutation	*BCL11B*	COSM3773425
VSCC4	chr1:9795145-9795145	C	G	*CLSTN1*	NM_001302883:exon13:c.G1914C:p.L638L,CLSTN1	Silent		COSM3773426
VSCC4	chr1:9815291-9815291	C	A	*CLSTN1*	NM_014944:exon3:c.G291T:p.E97D,CLSTN1	Missense_Mutation		
VSCC4	chr1:27219019-27219019	C	T	*GPATCH3*	NM_022078:exon6:c.G1244A:p.R415Q	Missense_Mutation		COSM5914625
VSCC4	chr1:44157238-44157238	G	C	*KDM4A*	NM_014663:exon15:c.G2314C:p.E772Q	Missense_Mutation		COSM4727900
VSCC4	chr1:74507427-74507427	T	C	*LRRIQ3*	NM_001105659:exon7:c.A1188G:p.K396K	Silent		
VSCC4	chr1:114444395-114444395	G	A	*AP4B1*	NM_001253852:exon3:c.C451T:p.H151Y,AP4B1	Missense_Mutation		
VSCC4	chr1:114483091-114483091	C	G	*HIPK1*	NM_152696:exon2:c.C86G:p.S29C,HIPK1	Missense_Mutation		
VSCC4	chr1:146743861-146743861	G	A	*CHD1L*	NM_001256338:exon6:c.G577A:p.V193M,CHD1L	Missense_Mutation		
VSCC4	chr1:150199042-150199042	C	A	*ANP32E*	NM_001136478:exon4:c.G456T:p.E152D,ANP32E	Missense_Mutation		
VSCC4	chr1:150199045-150199045	T	C	*ANP32E*	NM_001280560:exon4:c.A410G:p.K137R	Missense_Mutation		
VSCC4	chr1:158549602-158549602	G	C	*OR10X1*	NM_001004477:exon1:c.C88G:p.L30V	Missense_Mutation		
VSCC4	chr1:169512109-169512109	C	T	*F5*	NM_000130:exon13:c.G2219A:p.R740Q	Missense_Mutation		COSM3798502
VSCC4	chr1:173486813-173486813	C	A	*SLC9C2*	NM_178527:exon23:c.G2770T:p.E924X	Nonsense_Mutation		
VSCC4	chr1:179461992-179461992	G	A	*AXDND1*	NM_144696:exon20:c.G2294A:p.C765Y	Missense_Mutation		
VSCC4	chr1:197128599-197128599	G	A	*ZBTB41*	NM_194314:exon10:c.C2620T:p.R874X	Nonsense_Mutation		
VSCC4	chr1:216262423-216262423	T	C	*USH2A*	NM_206933:exon23:c.A4817G:p.K1606R	Missense_Mutation		
VSCC4	chr1:222717463-222717463	C	T	*HHIPL2*	NM_024746:exon2:c.G390A:p.P130P	Silent		

VSCC4	chr2:3523255-3523255	C	T	*ADI1*	NM_018269:exon1:c.G4A:p.V2M	Missense_Mutation	COSM3574689
VSCC4	chr2:5833299-5833299	G	T	*SOX11*	NM_003108:exon1:c.G446T:p.S149I	Missense_Mutation	
VSCC4	chr2:24090720-24090720	C	T	*ATAD2B*	NM_001242338:exon10:c.G1173A:p.M391I,ATAD2B	Missense_Mutation	
VSCC4	chr2:26684977-26684977	C	T	*OTOF*	NM_194322:exon24:c.G3195A:p.E1065E,OTOF	Silent	
VSCC4	chr2:39515356-39515356	C	T	*MAP4K3*	NM_001270425:exon19:c.G1317A:p.K439K,MAP4K3	Silent	
VSCC4	chr2:73677471-73677471	G	A	*ALMS1*	NM_015120:exon8:c.G3814A:p.D1272N	Missense_Mutation	
VSCC4	chr2:128380859-128380859	C	A	*MYO7B*	NM_001080527:exon28:c.C3650A:p.S1217Y	Missense_Mutation	
VSCC4	chr2:135988267-135988267	C	T	*ZRANB3*	NM_001286568:exon13:c.G1770A:p.S590S,ZRANB3	Silent	
VSCC4	chr2:180308074-180308074	G	A	*ZNF385B*	NM_001113397:exon8:c.C1091T:p.S364L,ZNF385B	Missense_Mutation	
VSCC4	chr2:201469460-201469460	C	T	*AOX1*	NM_001159:exon9:c.C711T:p.G237G	Silent	
VSCC4	chr2:204193297-204193297	C	T	*ABI2*	NM_001282925:exon1:c.C60T:p.F20F,ABI2	Silent	
VSCC4	chr2:206166376-206166376	G	A	*PARD3B*	NM_057177:exon17:c.G2374A:p.E792K,PARD3B	Missense_Mutation	
VSCC4	chr2:220405117-220405117	G	A	*CHPF*	NM_001195731:exon4:c.C830T:p.P277L,CHPF	Missense_Mutation	
VSCC4	chr2:224828474-224828474	A	G	*MRPL44*	NM_022915:exon3:c.A650G:p.D217G	Missense_Mutation	
VSCC4	chr2:241514540-241514540	G	A	*RNPEPL1*	NM_018226:exon7:c.G1382A:p.R461H	Missense_Mutation	
VSCC4	chr3:11060381-11060381	C	A	*SLC6A1*	NM_003042:exon5:c.C468A:p.T156T	Silent	
VSCC4	chr3:50334777-50334777	C	T	*NAT6*	NM_001200016:exon2:c.G118A:p.E40K,NAT6	Missense_Mutation	
VSCC4	chr3:53381523-53381523	C	A	*DCP1A*	NM_001290204:exon1:c.G22T:p.G8W,DCP1A	Missense_Mutation	

VSCC4	chr3:107799099-107799099	C	A	*CD47*	NM_001777:exon2:c.G139T:p.E47X,CD47	Nonsense_Mutation	COSM1420639
VSCC4	chr3:110837518-110837518	G	T	*PVRL3*	NM_001243286:exon3:c.G518T:p.S173I,PVRL3	Missense_Mutation	
VSCC4	chr3:111658418-111658418	T	G	*PHLDB2*	NM_145753:exon6:c.T2098G:p.L700V,PHLDB2	Missense_Mutation	COSM209548
VSCC4	chr3:113252031-113252031	G	A	*SIDT1*	NM_001308350:exon1:c.G163A:p.V55M,SIDT1	Missense_Mutation	COSM1658914
VSCC4	chr3:122419696-122419696	C	A	*PARP14*	NM_017554:exon6:c.C2295A:p.I765I	Silent	
VSCC4	chr3:134079134-134079134	A	G	*AMOTL2*	NM_001278683:exon7:c.T1871C:p.M624T,AMOTL2	Missense_Mutation	
VSCC4	chr3:142753766-142753766	C	T	*U2SURP*	NM_001080415:exon19:c.C1890T:p.L630L	Silent	
VSCC4	chr3:159997068-159997068	G	A	*IFT80*	NM_001190242:exon15:c.C1338T:p.I446I,IFT80	Silent	
VSCC4	chr3:172165640-172165640	G	A	*GHSR*	NM_004122:exon1:c.C564T:p.N188N,GHSR	Silent	COSM5648785
VSCC4	chr3:172835147-172835147	C	T	*SPATA16*	NM_031955:exon2:c.G375A:p.M125I	Missense_Mutation	COSM734753
VSCC4	chr3:183209837-183209837	C	T	*KLHL6*	NM_130446:exon7:c.G1744A:p.E582K	Missense_Mutation	
VSCC4	chr3:197518405-197518405	C	A	*LRCH3*	NM_032773:exon1:c.C256A:p.R86R	Silent	
VSCC4	chr4:1399797-1399797	C	T	*NKX1-1*	NM_001290079:exon1:c.G434A:p.G145E	Missense_Mutation	
VSCC4	chr4:10447128-10447128	G	C	*ZNF518B*	NM_053042:exon3:c.C825G:p.I275M	Missense_Mutation	
VSCC4	chr4:26741532-26741532	G	T	*TBC1D19*	NM_001292054:exon14:c.G969T:p.Q323H,TBC1D19	Missense_Mutation	
VSCC4	chr4:72413432-72413432	T	G	*SLC4A4*	NM_003759:exon17:c.T2557G:p.L853V,SLC4A4	Missense_Mutation	
VSCC4	chr4:73154571-73154571	G	A	*ADAMTS3*	NM_014243:exon21:c.C2946T:p.C982C	Silent	
VSCC4	chr4:77662185-77662185	G	A	*SHROOM3*	NM_020859:exon5:c.G2859A:p.A953A	Silent	

VSCC4	chr4:77676140-77676140	G	A	*SHROOM3*	NM_020859:exon7:c.G4504A:p.E1502K	Missense_Mutation	
VSCC4	chr4:138450923-138450923	G	A	*PCDH18*	NM_001300828:exon1:c.C2320T:p.H774Y,PCDH18	Missense_Mutation	
VSCC4	chr4:154625632-154625632	C	T	*TLR2*	NM_003264:exon3:c.C1573T:p.L525L	Silent	
VSCC4	chr4:159076927-159076927	T	C	*FAM198B*	NM_001128424:exon3:c.A961G:p.S321G,FAM198B	Missense_Mutation	
VSCC4	chr4:183720994-183720994	C	T	*TENM3*	NM_001080477:exon28:c.C7590T:p.N2530N	Silent	
VSCC4	chr4:185684335-185684335	C	T	*ACSL1*	NM_001286711:exon15:c.G1405A:p.E469K,ACSL1	Missense_Mutation	
VSCC4	chr4:186381296-186381296	C	G	*CCDC110*	NM_001145411:exon5:c.G334C:p.D112H,CCDC110	Missense_Mutation	
VSCC4	chr5:19473391-19473391	C	T	*CDH18*	NM_004934:exon13:c.G2317A:p.E773K,CDH18	Missense_Mutation	
VSCC4	chr5:34937653-34937653	C	T	*DNAJC21*	NM_001012339:exon5:c.C661T:p.R221X,DNAJC21	Nonsense_Mutation	COSM3850748
VSCC4	chr5:41927207-41927207	A	T	*FBXO4*	NM_001297437:exon2:c.A282T:p.R94S,FBXO4	Missense_Mutation	COSM1594968
VSCC4	chr5:45695947-45695947	G	A	*HCN1*	NM_021072:exon1:c.C249T:p.D83D	Silent	
VSCC4	chr5:79032748-79032748	T	C	*CMYA5*	NM_153610:exon2:c.T8160C:p.T2720T	Silent	
VSCC4	chr5:89924570-89924570	C	A	*ADGRV1*	NM_032119:exon8:c.C1430A:p.P477Q	Missense_Mutation	
VSCC4	chr5:127638773-127638773	C	T	*FBN2*	NM_001999:exon46:c.G5809A:p.E1937K	Missense_Mutation	COSM1252962
VSCC4	chr5:139838870-139838870	C	A	*ANKHD1,ANKHD1-EIF4EBP3*	NM_001197030:exon9:c.C1602A:p.G534G,ANKHD1	Silent	
VSCC4	chr5:140167635-140167635	C	T	*PCDHA1*	NM_018900:exon1:c.C1760T:p.A587V,PCDHA1	Missense_Mutation	
VSCC4	chr5:140739726-140739726	C	T	*PCDHGB2*	NM_018923:exon1:c.C24T:p.C8C,PCDHGB2	Silent	
VSCC4	chr5:150924288-150924288	G	A	*FAT2*	NM_001447:exon9:c.C6400T:p.Q2134X	Nonsense_Mutation	COSM5529089

VSCC4	chr5:150925730-150925730	G	A	*FAT2*	NM_001447:exon9:c.C4958T:p.S1653L	Missense_Mutation	
VSCC4	chr5:156916185-156916185	G	A	*ADAM19*	NM_033274:exon20:c.C2250T:p.F750F	Silent	
VSCC4	chr5:161113276-161113276	T	G	*GABRA6*	NM_000811:exon2:c.T79G:p.F27V	Missense_Mutation	
VSCC4	chr5:178770786-178770786	G	A	*ADAMTS2*	NM_014244:exon2:c.C516T:p.L172L,ADAMTS2	Silent	
VSCC4	chr6:56475230-56475230	C	T	*DST*	NM_015548:exon25:c.G3667A:p.E1223K,DST	Missense_Mutation	
VSCC4	chr6:70964222-70964222	C	T	*COL9A1*	NM_078485:exon19:c.G947A:p.G316E,COL9A1	Missense_Mutation	COSM1698601
VSCC4	chr6:70964223-70964223	C	T	*COL9A1*	NM_078485:exon19:c.G946A:p.G316R,COL9A1	Missense_Mutation	
VSCC4	chr6:101095286-101095286	C	T	*ASCC3*	NM_006828:exon21:c.G3294A:p.L1098L	Silent	
VSCC4	chr6:116381157-116381157	A	C	*FRK*	NM_002031:exon1:c.T318G:p.A106A	Silent	COSM1092642
VSCC4	chr6:150710624-150710624	C	T	*IYD*	NM_001164694:exon2:c.C315T:p.F105F,IYD	Silent	
VSCC4	chr6:152734607-152734607	C	T	*SYNE1*	NM_033071:exon42:c.G6131A:p.W2044X,SYNE1	Nonsense_Mutation	
VSCC4	chr7:938885-938885	C	T	*ADAP1*	NM_001284311:exon8:c.G596A:p.R199Q,ADAP1	Missense_Mutation	
VSCC4	chr7:41729682-41729682	C	T	*INHBA*	NM_002192:exon3:c.G847A:p.E283K	Missense_Mutation	COSM3878867
VSCC4	chr7:48335382-48335382	A	G	*ABCA13*	NM_152701:exon21:c.A9041G:p.K3014R	Missense_Mutation	
VSCC4	chr7:72849141-72849141	C	T	*FZD9*	NM_003508:exon1:c.C804T:p.I268I	Silent	COSM3718877
VSCC4	chr7:87214992-87214992	C	T	*ABCB1*	NM_000927:exon5:c.G122A:p.R41H	Missense_Mutation	
VSCC4	chr7:99956672-99956672	A	T	*PILRB*	NM_178238:exon2:c.A424T:p.I142F	Missense_Mutation	
VSCC4	chr7:112579712-112579712	C	G	*C7orf60*	NM_152556:exon1:c.G94C:p.E32Q	Missense_Mutation	COSM3315991

VSCC4	chr7:133682246-133682246	G	A	*EXOC4*	NM_021807:exon15:c.G2208A:p.M736I	Missense_Mutation	
VSCC4	chr7:142561853-142561853	G	A	*EPHB6*	NM_004445:exon4:c.G295A:p.G99R	Missense_Mutation	
VSCC4	chr7:149422484-149422484	C	T	*KRBA1*	UNKNOWN	unknown	
VSCC4	chr8:38110553-38110553	C	T	*DDHD2*	NM_001164232:exon15:c.C1799T:p.S600F,DDHD2	Missense_Mutation	
VSCC4	chr8:106814672-106814672	T	C	*ZFPM2*	NM_012082:exon8:c.T2362C:p.C788R	Missense_Mutation	
VSCC4	chr8:124714888-124714888	G	A	*ANXA13*	NM_004306:exon3:c.C180T:p.Y60Y,ANXA13	Silent	
VSCC4	chr8:134025859-134025859	G	T	*TG*	NM_003235:exon37:c.G6412T:p.E2138X	Nonsense_Mutation	
VSCC4	chr9:2054668-2054668	G	A	*SMARCA2*	NM_001289396:exon6:c.G1118A:p.R373K,SMARCA2	Missense_Mutation	
VSCC4	chr9:27950124-27950124	G	T	*LINGO2*	NM_001258282:exon7:c.C546A:p.L182L,LINGO2	Silent	
VSCC4	chr9:79898372-79898372	G	A	*VPS13A*	NM_001018038:exon30:c.G3220A:p.E1074K,VPS13A	Missense_Mutation	COSM5415387
VSCC4	chr9:86571232-86571232	C	T	*C9orf64*	NM_032307:exon1:c.G184A:p.E62K	Missense_Mutation	
VSCC4	chr9:100407480-100407480	G	A	*NCBP1*	NM_002486:exon5:c.G463A:p.V155I	Missense_Mutation	
VSCC4	chr9:103348704-103348704	C	G	*MURC*	NM_001018116:exon2:c.C1066G:p.L356V	Missense_Mutation	
VSCC4	chr9:139837144-139837144	G	A	*FBXW5*	NM_018998:exon5:c.C530T:p.S177F	Missense_Mutation	
VSCC4	chr9:140918181-140918181	A	G	*CACNA1B*	NM_000718:exon19:c.A2986G:p.T996A,CACNA1B	Missense_Mutation	
VSCC4	chr10:5694998-5694998	C	A	*ASB13*	NM_024701:exon2:c.G59T:p.R20L	Missense_Mutation	
VSCC4	chr10:15170400-15170400	C	G	*NMT2*	NM_004808:exon8:c.G948C:p.L316F,NMT2	Missense_Mutation	
VSCC4	chr10:17632368-17632368	C	G	*HACD1*	NM_014241:exon7:c.G862C:p.D288H	Missense_Mutation	
VSCC4	chr10:50040747-50040747	A	G	*WDFY4*	NM_020945:exon39:c.A6656G:p.K2219R	Missense_Mutation	

VSCC4	chr10:73565656-73565656	G	C	*CDH23*	NM_001171933:exon9:c.G1246C:p.A416P,CDH23	Missense_Mutation		
VSCC4	chr10:83635818-83635818	C	T	*NRG3*	NM_001010848:exon1:c.C722T:p.S241F,NRG3	Missense_Mutation		
VSCC4	chr10:101985699-101985699	C	T	*CHUK*	NM_001278:exon2:c.G181A:p.E61K	Missense_Mutation		
VSCC4	chr10:118396354-118396354	A	C	*PNLIPRP2*	UNKNOWN	unknown		
VSCC4	chr10:124697240-124697240	C	T	*C10orf88*	NM_024942:exon5:c.G1084A:p.E362K	Missense_Mutation		
VSCC4	chr10:134039060-134039060	G	A	*STK32C*	NM_173575:exon6:c.C743T:p.T248M	Missense_Mutation		
VSCC4	chr11:400415-400415	C	G	*PKP3*	NM_007183:exon7:c.C1530G:p.I510M,PKP3	Missense_Mutation		
VSCC4	chr11:4673799-4673799	T	G	*OR51E1*	NM_152430:exon2:c.T43G:p.F15V	Missense_Mutation		
VSCC4	chr11:5020365-5020365	T	C	*OR51L1*	NM_001004755:exon1:c.T153C:p.I51I	Silent		
VSCC4	chr11:7846715-7846715	C	T	*OR5P3*	NM_153445:exon1:c.G805A:p.D269N	Missense_Mutation		
VSCC4	chr11:35336715-35336715	G	A	*SLC1A2*	NM_004171:exon3:c.C165T:p.I55I,SLC1A2	Silent		
VSCC4	chr11:102819790-102819790	C	G	*MMP13*	NM_002427:exon7:c.G1015C:p.E339Q	Missense_Mutation		
VSCC4	chr17:37618494-37618494	C	T	*CDK12*	NM_015083:exon1:c.C170T:p.T57I,CDK12	Missense_Mutation	*CDK12*	
VSCC4	chr12:6664694-6664694	C	T	*IFFO1*	NM_001039670:exon1:c.G502A:p.A168T,IFFO1	Missense_Mutation		
VSCC4	chr12:21453339-21453339	C	T	*SLCO1A2*	NM_021094:exon7:c.G853A:p.E285K,SLCO1A2	Missense_Mutation		
VSCC4	chr12:23687156-23687156	G	C	*SOX5*	NM_178010:exon7:c.C1131G:p.N377K,SOX5	Missense_Mutation		
VSCC4	chr12:41967433-41967433	T	G	*PDZRN4*	NM_013377:exon8:c.T2078G:p.V693G,PDZRN4	Missense_Mutation		
VSCC4	chr12:85267022-85267022	A	G	*SLC6A15*	NM_001146335:exon6:c.T632C:p.I211T,SLC6A15	Missense_Mutation		
VSCC4	chr12:120796816-120796816	C	T	*MSI1*	NM_002442:exon7:c.G443A:p.R148Q	Missense_Mutation		COSM432081

VSCC4	chr12:123920822-123920822	C	A	*RILPL2*	NM_145058:exon1:c.G146T:p.G49V	Missense_Mutation	
VSCC4	chr13:29674958-29674958	C	A	*MTUS2*	NM_001033602:exon3:c.C2525A:p.P842Q	Missense_Mutation	
VSCC4	chr13:45147491-45147491	C	G	*TSC22D1*	NM_183422:exon1:c.G2720C:p.G907A	Missense_Mutation	
VSCC4	chr13:95830300-95830300	G	A	*ABCC4*	NM_001301830:exon11:c.C1366T:p.R456W,ABCC4	Missense_Mutation	
VSCC4	chr13:103701763-103701763	C	T	*SLC10A2*	NM_000452:exon5:c.G795A:p.Q265Q	Silent	
VSCC4	chr13:109475619-109475619	A	G	*MYO16*	NM_001198950:exon9:c.A1090G:p.S364G,MYO16	Missense_Mutation	
VSCC4	chr13:110830507-110830507	C	T	*COL4A1*	NM_001845:exon32:c.G2530A:p.D844N	Missense_Mutation	
VSCC4	chr14:55468813-55468813	G	A	*WDHD1*	NM_001008396:exon7:c.C322T:p.Q108X,WDHD1	Nonsense_Mutation	
VSCC4	chr14:70924551-70924551	A	G	*ADAM21*	NM_003813:exon2:c.A335G:p.H112R	Missense_Mutation	
VSCC4	chr14:102028445-102028445	C	T	*DIO3*	UNKNOWN	unknown	
VSCC4	chr14:102499721-102499721	G	A	*DYNC1H1*	NM_001376:exon54:c.G10313A:p.R3438Q	Missense_Mutation	
VSCC4	chr14:103371908-103371908	G	A	*TRAF3*	NM_001199427:exon8:c.G1245A:p.L415L,TRAF3	Silent	
VSCC4	chr14:105406145-105406145	C	T	*AHNAK2*	NM_138420:exon7:c.G15643A:p.V5215M	Missense_Mutation	
VSCC4	chr14:105684115-105684115	C	A	*BRF1*	NM_001242789:exon10:c.G824T:p.R275L,BRF1	Missense_Mutation	COSM3887635
VSCC4	chr15:24923500-24923500	C	T	*NPAP1*	NM_018958:exon1:c.C2486T:p.P829L	Missense_Mutation	
VSCC4	chr15:45392035-45392035	G	A	*DUOX2*	NM_014080:exon25:c.C3240T:p.I1080I	Silent	
VSCC4	chr15:75189981-75189981	C	T	*MPI*	NM_001289156:exon7:c.C1032T:p.G344G,MPI	Silent	
VSCC4	chr15:84690343-84690343	G	A	*ADAMTSL3*	NM_001301110:exon26:c.G4455A:p.A1485A,ADAMTSL3	Silent	
VSCC4	chr16:1396303-1396303	G	T	*BAIAP3*	NM_001199096:exon24:c.G2326T:p.A776S,BAIAP3	Missense_Mutation	

VSCC4	chr16:1396304-1396304	C	A	*BAIAP3*	NM_001199096:exon24:c.C2327A:p.A776D,BAIAP3	Missense_Mutation	
VSCC4	chr16:11792107-11792107	G	A	*TXNDC11*	NM_015914:exon7:c.C981T:p.L327L,TXNDC11	Silent	COSM238570
VSCC4	chr16:20335482-20335482	T	A	*GP2*	NM_001007240:exon3:c.A191T:p.Q64L,GP2	Missense_Mutation	
VSCC4	chr16:56904076-56904076	G	T	*SLC12A3*	NM_000339:exon5:c.G670T:p.A224S,SLC12A3	Missense_Mutation	
VSCC4	chr16:68893864-68893864	G	T	*TANGO6*	NM_024562:exon2:c.G172T:p.E58X	Nonsense_Mutation	
VSCC4	chr17:3635727-3635727	G	A	*ITGAE*	NM_002208:exon22:c.C2689T:p.Q897X	Nonsense_Mutation	
VSCC4	chr17:7801373-7801373	G	A	*CHD3*	NM_001005271:exon12:c.G2181A:p.M727I,CHD3	Missense_Mutation	COSM4066073
VSCC4	chr17:27371970-27371970	G	A	*PIPOX*	NM_016518:exon2:c.G208A:p.E70K	Missense_Mutation	COSM124813
VSCC4	chr17:27594532-27594532	C	T	*NUFIP2*	NM_020772:exon3:c.G2019A:p.W673X	Nonsense_Mutation	COSM4067977
VSCC4	chr17:38176148-38176148	G	A	*MED24*	NM_001079518:exon24:c.C2704T:p.R902C,MED24	Missense_Mutation	
VSCC4	chr17:45669359-45669359	T	G	*NPEPPS*	NM_006310:exon11:c.T1298G:p.F433C	Missense_Mutation	
VSCC4	chr17:53798348-53798348	T	G	*TMEM100*	NM_018286:exon2:c.A84C:p.E28D,TMEM100	Missense_Mutation	
VSCC4	chr17:66397558-66397558	C	T	*ARSG*	NM_001267727:exon11:c.C1270T:p.R424C,ARSG	Missense_Mutation	
VSCC4	chr17:73517963-73517963	C	T	*TSEN54*	NM_207346:exon8:c.C801T:p.S267S	Silent	
VSCC4	chr17:79139763-79139763	G	A	*AATK*	NM_001080395:exon1:c.C30T:p.F10F	Silent	
VSCC4	chr17:79166369-79166369	C	T	*CEP131*	NM_001009811:exon19:c.G2346A:p.L782L,CEP131	Silent	
VSCC4	chr18:31324450-31324450	A	T	*ASXL3*	NM_030632:exon12:c.A4638T:p.K1546N	Missense_Mutation	
VSCC4	chr18:33552865-33552865	C	T	*C18orf21*	NM_001201476:exon2:c.C95T:p.S32L,C18orf21	Missense_Mutation	

VSCC4	chr18:47107918-47107918	G	C	*LIPG*	NM_001308006:exon5:c.G705C:p.L235L,LIPG	Silent	
VSCC4	chr18:55217995-55217995	G	C	*FECH*	NM_000140:exon11:c.C1221G:p.V407V,FECH	Silent	COSM4979209
VSCC4	chr18:76755310-76755310	C	T	*SALL3*	NM_171999:exon2:c.C3319T:p.R1107C	Missense_Mutation	
VSCC4	chr19:919509-919509	G	A	*KISS1R*	NM_032551:exon3:c.G389A:p.C130Y	Missense_Mutation	
VSCC4	chr19:2994034-2994034	G	A	*TLE6*	NM_024760:exon15:c.G1186A:p.V396I,TLE6	Missense_Mutation	
VSCC4	chr19:6754880-6754880	C	A	*SH2D3A*	NM_005490:exon5:c.G943T:p.G315W	Missense_Mutation	
VSCC4	chr19:8464809-8464809	G	A	*RAB11B*	NM_004218:exon2:c.G103A:p.E35K	Missense_Mutation	
VSCC4	chr19:9056399-9056399	A	T	*MUC16*	NM_024690:exon3:c.T31047A:p.H10349Q	Missense_Mutation	COSM3772502
VSCC4	chr19:9085626-9085626	A	T	*MUC16*	NM_024690:exon1:c.T6189A:p.T2063T	Silent	COSM3530413
VSCC4	chr19:10476501-10476501	G	A	*TYK2*	NM_003331:exon7:c.C703T:p.R235W	Missense_Mutation	
VSCC4	chr19:11473212-11473212	C	T	*PLPPR2*	NM_001170635:exon7:c.C612T:p.R204R,PLPPR2	Silent	
VSCC4	chr19:17720841-17720841	G	A	*UNC13A*	NM_001080421:exon41:c.C4719T:p.I1573I	Silent	
VSCC4	chr19:22271472-22271472	A	C	*ZNF257*	NM_001316998:exon2:c.A692C:p.K231T,ZNF257	Missense_Mutation	
VSCC4	chr19:45322933-45322933	G	A	*BCAM*	NM_001013257:exon13:c.G1713A:p.V571V,BCAM	Silent	
VSCC4	chr19:45917282-45917282	C	T	*ERCC1*	NM_202001:exon7:c.G713A:p.C238Y,ERCC1	Missense_Mutation	COSM1395277
VSCC4	chr19:47111760-47111760	C	A	*CALM3*	NM_005184:exon4:c.C200A:p.P67Q	Missense_Mutation	
VSCC4	chr19:49132243-49132243	G	A	*SPHK2*	NM_001204160:exon6:c.G1070A:p.S357N,SPHK2	Missense_Mutation	COSM1002538
VSCC4	chr19:50100890-50100890	G	A	*PRR12*	NM_020719:exon4:c.G3298A:p.E1100K	Missense_Mutation	

VSCC4	chr19:58384891-58384891	G	A	*ZNF814*	NM_001144989:exon3:c.C1867T:p.Q623X	Nonsense_Mutation	
VSCC4	chr19:58438212-58438212	C	T	*ZNF418*	NM_001317030:exon2:c.G1082A:p.R361Q,ZNF418	Missense_Mutation	
VSCC4	chr19:58908365-58908365	G	A	*RNF225*	NM_001195135:exon1:c.G909A:p.S303S	Silent	COSM4827777
VSCC4	chr20:9351933-9351933	C	A	*PLCB4*	NM_000933:exon7:c.C576A:p.P192P,PLCB4	Silent	
VSCC4	chr20:11904213-11904213	C	T	*BTBD3*	NM_001282552:exon4:c.C1015T:p.Q339X,BTBD3	Nonsense_Mutation	
VSCC4	chr20:25656944-25656944	C	T	*ZNF337*	NM_001290261:exon4:c.G980A:p.R327Q,ZNF337	Missense_Mutation	
VSCC4	chr21:30330856-30330856	G	A	*LTN1*	NM_015565:exon14:c.C2737T:p.L913F	Missense_Mutation	
VSCC4	chr21:33044551-33044551	G	A	*SCAF4*	NM_001145444:exon19:c.C2560T:p.H854Y,SCAF4	Missense_Mutation	
VSCC4	chr21:42551257-42551257	G	A	*PLAC4*	NM_182832:exon1:c.C299T:p.S100L	Missense_Mutation	
VSCC4	chr22:29141945-29141945	G	A	*HSCB*	NM_172002:exon4:c.G517A:p.A173T	Missense_Mutation	
VSCC4	chr22:38882306-38882306	G	A	*DDX17*	NM_001098504:exon13:c.C1830T:p.T610T,DDX17	Silent	
VSCC4	chrX:27765614-27765614	G	A	*DCAF8L2*	NM_001136533:exon1:c.G602A:p.R201H	Missense_Mutation	
VSCC4	chrX:30255049-30255049	C	T	*MAGEB3*	NM_002365:exon5:c.C1008T:p.S336S	Silent	
VSCC4	chrX:30872989-30872989	G	T	*TAB3*	NM_152787:exon6:c.C793A:p.P265T	Missense_Mutation	COSM1126149
VSCC4	chrX:37545386-37545386	G	A	*XK*	NM_021083:exon1:c.G172A:p.V58I	Missense_Mutation	
VSCC4	chrX:85166298-85166298	T	C	*CHM*	NM_000390:exon9:c.A1212G:p.V404V	Silent	
VSCC4	chrX:106844747-106844747	G	T	*FRMPD3*	NM_032428:exon16:c.G3577T:p.G1193C	Missense_Mutation	
VSCC4	chrX:117033290-117033290	G	C	*KLHL13*	NM_001168300:exon7:c.C1531G:p.Q511E,KLHL13	Missense_Mutation	

VSCC4	chrX:135618241-135618241	C	T	*VGLL1*	NM_016267:exon2:c.C62T:p.T21M	Missense_Mutation		
VSCC4	chrX:147090167-147090167	C	T	*FMR1NB*	NM_152578:exon4:c.C568T:p.L190F	Missense_Mutation		
VSCC4	chrX:153762287-153762287	C	T	*G6PD*	NM_000402:exon7:c.G823A:p.G275S,G6PD	Missense_Mutation		
VSCC4	chr11:108593812-108593812	G	A	*DDX10*	NM_004398:exon13:c.G1588A:p.D530N	Missense_Mutation	*DDX10*	
VSCC4	chr22:41574264-41574264	G	A	*EP300*	NM_001429:exon31:c.G6549A:p.L2183L	Silent	*EP300*	
VSCC4	chr1:51946949-51946949	C	G	*EPS15*	NM_001981:exon2:c.G71C:p.R24T	Missense_Mutation	*EPS15*	
VSCC4	chr2:24914466-24914466	C	T	*NCOA1*	NM_003743:exon7:c.C649T:p.R217C,NCOA1	Missense_Mutation	*NCOA1*	
VSCC4	chr8:32621592-32621592	A	G	*NRG1*	NM_013957:exon12:c.A1586G:p.E529G,NRG1	Missense_Mutation	*NRG1*	
VSCC4	chr3:178936091-178936091	G	A	*PIK3CA*	NM_006218:exon10:c.G1633A:p.E545K	Missense_Mutation	*PIK3CA*	
VSCC4	chr17:38510737-38510737	G	A	*RARA*	NM_001145302:exon5:c.G700A:p.A234T,RARA	Missense_Mutation	*RARA*	
VSCC4	chr16:72993621-72993621	A	T	*ZFHX3*	NM_006885:exon2:c.T424A:p.Y142N	Missense_Mutation	*ZFHX3*	
VSCC13	chr1:985925-985925	C	T	*AGRN*	NM_198576:exon29:c.C5095T:p.R1699C	Missense_Mutation		
VSCC13	chr1:78163072-78163072	G	A	*USP33*	NM_201624:exon24:c.C2666T:p.P889L,USP33	Missense_Mutation		COSM4672021
VSCC13	chr1:86952403-86952403	G	A	*CLCA1*	NM_001285:exon7:c.G1149A:p.T383T	Silent		
VSCC13	chr1:103343642-103343642	A	G	*COL11A1*	NM_080630:exon65:c.T5006C:p.I1669T,COL11A1	Missense_Mutation		
VSCC13	chr1:153177269-153177269	C	T	*LELP1*	NM_001010857:exon2:c.C86T:p.S29F	Missense_Mutation		COSM3300085
VSCC13	chr1:156641484-156641484	C	T	*NES*	NM_006617:exon4:c.G2496A:p.A832A	Silent		
VSCC13	chr1:161161901-161161901	C	T	*ADAMTS4*	NM_005099:exon8:c.G2041A:p.D681N	Missense_Mutation		COSM3933513

VSCC13	chr1:247587439-247587439	A	G	*NLRP3*	NM_001127462:exon3:c.A694G:p.K232E,NLRP3	Missense_Mutation	
VSCC13	chr2:20101534-20101534	C	T	*TTC32*	NM_001008237:exon1:c.G82A:p.E28K	Missense_Mutation	
VSCC13	chr2:54858362-54858362	G	A	*SPTBN1*	NM_178313:exon15:c.G3139A:p.E1047K,SPTBN1	Missense_Mutation	
VSCC13	chr2:98928376-98928376	A	C	*VWA3B*	NM_144992:exon27:c.A3616C:p.R1206R	Silent	
VSCC13	chr2:149806840-149806840	C	A	*KIF5C*	NM_004522:exon10:c.C832A:p.P278T	Missense_Mutation	
VSCC13	chr2:159170315-159170315	G	T	*CCDC148*	NM_001301684:exon6:c.C418A:p.L140M,CCDC148	Missense_Mutation	COSM5554852
VSCC13	chr2:160027037-160027037	C	T	*TANC1*	NM_001145909:exon10:c.C1048T:p.R350X,TANC1	Nonsense_Mutation	
VSCC13	chr2:164466968-164466968	G	A	*FIGN*	NM_018086:exon3:c.C1374T:p.D458D	Silent	
VSCC13	chr2:206610584-206610584	C	T	*NRP2*	NM_003872:exon10:c.C1756T:p.R586W,NRP2	Missense_Mutation	COSM5742968
VSCC13	chr2:207834016-207834016	G	A	*CPO*	NM_173077:exon9:c.G981A:p.Q327Q	Silent	
VSCC13	chr3:9877111-9877111	G	A	*TTLL3*	NM_001025930:exon13:c.G2686A:p.V896I	Missense_Mutation	
VSCC13	chr3:12977981-12977981	C	T	*IQSEC1*	NM_001134382:exon3:c.G535A:p.E179K,IQSEC1	Missense_Mutation	
VSCC13	chr3:27436202-27436202	G	A	*SLC4A7*	NM_001258379:exon19:c.C2540T:p.S847F,SLC4A7	Missense_Mutation	
VSCC13	chr3:39544326-39544326	C	T	*MOBP*	NM_001278323:exon2:c.C507T:p.G169G,MOBP	Silent	
VSCC13	chr3:48205916-48205916	G	A	*CDC25A*	NM_201567:exon12:c.C1083T:p.N361N,CDC25A	Silent	
VSCC13	chr3:49756553-49756553	G	C	*AMIGO3*	NM_198722:exon1:c.C346G:p.L116V	Missense_Mutation	
VSCC13	chr3:56628021-56628021	C	T	*CCDC66*	NM_001012506:exon10:c.C1267T:p.R423X,CCDC66	Nonsense_Mutation	
VSCC13	chr3:77657088-77657088	G	A	*ROBO2*	NM_002942:exon21:c.G3276A:p.V1092V,ROBO2	Silent	COSM5011333

VSCC13	chr3:130463629-130463629	C	A	*PIK3R4*	NM_014602:exon2:c.G434T:p.R145L	Missense_Mutation	
VSCC13	chr3:165547955-165547955	G	C	*BCHE*	NM_000055:exon2:c.C867G:p.I289M	Missense_Mutation	
VSCC13	chr4:2933873-2933873	G	C	*MFSD10*	NM_001120:exon6:c.C701G:p.S234C,MFSD10	Missense_Mutation	
VSCC13	chr4:6711348-6711348	G	A	*MRFAP1L1*	NM_203462:exon1:c.C9T:p.P3P	Silent	COSM1721723
VSCC13	chr4:24839005-24839005	G	C	*CCDC149*	NM_001130726:exon6:c.C507G:p.H169Q,CCDC149	Missense_Mutation	
VSCC13	chr4:114290839-114290839	G	A	*ANK2*	NM_020977:exon42:c.G5233A:p.E1745K,ANK2	Missense_Mutation	
VSCC13	chr4:122261628-122261628	G	A	*QRFPR*	NM_198179:exon2:c.C478T:p.R160X	Nonsense_Mutation	
VSCC13	chr4:134071786-134071786	A	T	*PCDH10*	NM_020815:exon1:c.A491T:p.N164I,PCDH10	Missense_Mutation	
VSCC13	chr4:155411059-155411059	G	A	*DCHS2*	NM_001142552:exon1:c.C1449T:p.G483G	Silent	
VSCC13	chr5:9063080-9063080	T	G	*SEMA5A*	NM_003966:exon18:c.A2437C:p.N813H	Missense_Mutation	COSM5019352
VSCC13	chr5:39119663-39119663	C	T	*FYB*	NM_199335:exon14:c.G2074A:p.E692K,FYB	Missense_Mutation	
VSCC13	chr5:140772972-140772972	C	T	*PCDHGA8*	NM_014004:exon1:c.C592T:p.R198C,PCDHGA8	Missense_Mutation	
VSCC13	chr5:172661909-172661909	C	G	*NKX2-5*	NM_001166175:exon1:c.G178C:p.E60Q,NKX2-5	Missense_Mutation	COSM5650008
VSCC13	chr5:179302955-179302955	C	T	*TBC1D9B*	NM_015043:exon11:c.G1865A:p.R622H,TBC1D9B	Missense_Mutation	
VSCC13	chr6:31324711-31324711	A	G	*HLA-B*	NM_005514:exon2:c.T97C:p.Y33H	Missense_Mutation	
VSCC13	chr6:135358645-135358645	A	T	*HBS1L*	NM_001145207:exon5:c.T950A:p.L317X	Nonsense_Mutation	
VSCC13	chr7:6084211-6084211	G	A	*EIF2AK1*	NM_001134335:exon7:c.C712T:p.H238Y,EIF2AK1	Missense_Mutation	COSM4983513
VSCC13	chr7:80427458-80427458	G	A	*SEMA3C*	NM_006379:exon11:c.C1081T:p.H361Y	Missense_Mutation	
VSCC13	chr7:150707360-150707360	G	T	*NOS3*	NM_000603:exon21:c.G2670T:p.L890L	Silent	

VSCC13	chr8:39564402-39564402	G	A	*ADAM18*	NM_014237:exon18:c.G1996A:p.D666N	Missense_Mutation		
VSCC13	chr8:97156914-97156914	G	T	*GDF6*	NM_001001557:exon2:c.C1245A:p.T415T	Silent		
VSCC13	chr8:98155314-98155314	C	G	*CPQ*	NM_016134:exon8:c.C1322G:p.T441S	Missense_Mutation		
VSCC13	chr16:3823797-3823797	C	T	*CREBBP*	NM_001079846:exon12:c.G2304A:p.M768I,CREBBP	Missense_Mutation	*CREBBP*	
VSCC13	chr9:139617901-139617901	C	T	*FAM69B*	NM_152421:exon5:c.C971T:p.T324I	Missense_Mutation		COSM3382790
VSCC13	chr10:16979759-16979759	C	T	*CUBN*	NM_001081:exon39:c.G5758A:p.A1920T	Missense_Mutation		
VSCC13	chr10:105166424-105166424	C	T	*PDCD11*	NM_014976:exon7:c.C747T:p.N249N	Silent		
VSCC13	chr10:112764462-112764462	C	G	*SHOC2*	NM_001269039:exon3:c.C933G:p.I311M,SHOC2	Missense_Mutation		
VSCC13	chr11:60543131-60543131	G	C	*MS4A15*	NM_001278242:exon6:c.G543C:p.P181P,MS4A15	Silent		
VSCC13	chr11:62296271-62296271	G	A	*AHNAK*	NM_001620:exon5:c.C5618T:p.A1873V	Missense_Mutation		
VSCC13	chr11:118521157-118521157	G	A	*PHLDB1*	NM_001144759:exon19:c.G3638A:p.R1213H,PHLDB1	Missense_Mutation		
VSCC13	chr12:7356036-7356036	C	T	*PEX5*	NM_001131024:exon9:c.C744T:p.V248V,PEX5	Silent		
VSCC13	chr12:117348932-117348932	G	T	*FBXW8*	NM_012174:exon1:c.G90T:p.E30D,FBXW8	Missense_Mutation		
VSCC13	chr12:122097098-122097098	G	A	*MORN3*	NM_173855:exon2:c.C302T:p.S101L	Missense_Mutation		
VSCC13	chr13:23914029-23914029	G	A	*SACS*	NM_001278055:exon8:c.C3545T:p.S1182L,SACS	Missense_Mutation		
VSCC13	chr14:24658773-24658773	G	A	*TM9SF1*	NM_001289006:exon6:c.C1408T:p.R470C,TM9SF1	Missense_Mutation		
VSCC13	chr14:33004784-33004784	C	T	*AKAP6*	NM_004274:exon3:c.C349T:p.H117Y	Missense_Mutation		
VSCC13	chr14:33014758-33014758	C	G	*AKAP6*	NM_004274:exon4:c.C899G:p.S300X	Nonsense_Mutation		

VSCC13	chr14:53020081-53020081	C	A	*GPR137C*	NM_001099652:exon1:c.C216A:p.L72L	Silent	
VSCC13	chr14:55655776-55655776	C	T	*DLGAP5*	NM_001146015:exon2:c.G122A:p.R41Q,DLGAP5	Missense_Mutation	
VSCC13	chr14:70517820-70517820	G	A	*SLC8A3*	NM_182936:exon3:c.C107T:p.T36M,SLC8A3	Missense_Mutation	COSM3496446
VSCC13	chr16:11375062-11375062	G	A	*PRM1*	NM_002761:exon1:c.C34T:p.R12W	Missense_Mutation	
VSCC13	chr16:68331199-68331199	G	A	*SLC7A6*	NM_003983:exon11:c.G1516A:p.E506K,SLC7A6	Missense_Mutation	
VSCC13	chr16:68596898-68596898	A	G	*ZFP90*	NM_001305206:exon5:c.A263G:p.Y88C,ZFP90	Missense_Mutation	
VSCC13	chr17:7604781-7604781	G	A	*WRAP53*	NM_018081:exon5:c.G736A:p.A246T,WRAP53	Missense_Mutation	
VSCC13	chr17:39240560-39240560	T	C	*KRTAP4-7*	NM_033061:exon1:c.T102C:p.C34C	Silent	
VSCC13	chr17:40042457-40042457	G	A	*ACLY*	NM_001303275:exon17:c.C2112T:p.V704V,ACLY	Silent	
VSCC13	chr17:40966006-40966006	C	T	*BECN1*	NM_001314000:exon8:c.G773A:p.G258E,BECN1	Missense_Mutation	
VSCC13	chr17:61498313-61498313	G	A	*TANC2*	NM_025185:exon25:c.G4970A:p.R1657Q	Missense_Mutation	COSM979038
VSCC13	chr17:62041069-62041069	G	A	*SCN4A*	NM_000334:exon10:c.C1569T:p.S523S	Silent	
VSCC13	chr17:72480264-72480264	A	G	*CD300A*	NM_001256841:exon6:c.A560G:p.X187W,CD300A	Nonsense_Mutation	
VSCC13	chr18:76753977-76753977	G	A	*SALL3*	NM_171999:exon2:c.G1986A:p.S662S	Silent	
VSCC13	chr19:1257006-1257006	G	A	*MIDN*	NM_177401:exon8:c.G1142A:p.R381Q	Missense_Mutation	
VSCC13	chr19:10571734-10571734	G	A	*PDE4A*	NM_006202:exon6:c.G703A:p.D235N,PDE4A	Missense_Mutation	
VSCC13	chr19:18649222-18649222	G	A	*FKBP8*	NM_001308373:exon5:c.C573T:p.H191H,FKBP8	Silent	COSM5034615
VSCC13	chr19:21240516-21240516	C	T	*ZNF430*	NM_001172671:exon5:c.C1399T:p.R467W,ZNF430	Missense_Mutation	COSM1215079

VSCC13	chr19:41700560-41700560	G	C	*CYP2S1*	NM_030622:exon2:c.G289C:p.E97Q	Missense_Mutation		COSM2812452
VSCC13	chr19:49469553-49469553	G	C	*FTL*	NM_000146:exon3:c.G265C:p.E89Q	Missense_Mutation		
VSCC13	chr21:32638875-32638875	G	A	*TIAM1*	NM_003253:exon5:c.C414T:p.D138D	Silent		COSM4076139
VSCC13	chr21:33368178-33368178	C	G	*HUNK*	NM_014586:exon10:c.C1403G:p.S468X	Nonsense_Mutation		
VSCC13	chr21:35201962-35201962	C	T	*ITSN1*	NM_001001132:exon27:c.C3264T:p.T1088T,ITSN1	Silent		
VSCC13	chr22:19371199-19371199	C	G	*HIRA*	NM_003325:exon13:c.G1359C:p.R453R	Silent		
VSCC13	chr22:38622845-38622845	G	T	*TMEM184B*	NM_001195071:exon6:c.C558A:p.L186L,TMEM184B	Silent		
VSCC13	chr22:50307406-50307406	C	T	*ALG12*	NM_024105:exon2:c.G8A:p.G3E	Missense_Mutation		
VSCC13	chrX:68725645-68725645	C	T	*FAM155B*	NM_015686:exon1:c.C520T:p.R174C	Missense_Mutation		
VSCC13	chrX:135494493-135494493	G	T	*ADGRG4*	NM_153834:exon24:c.G9005T:p.C3002F	Missense_Mutation		
VSCC13	chr4:187532590-187532590	G	T	*FAT1*	NM_005245:exon14:c.C9803A:p.S3268X	Nonsense_Mutation	*FAT1*	
VSCC13	chr4:187549878-187549878	G	A	*FAT1*	NM_005245:exon8:c.C4363T:p.Q1455X	Nonsense_Mutation	*FAT1*	
VSCC13	chr7:75203182-75203182	C	T	*HIP1*	NM_001243198:exon8:c.G629A:p.R210H,HIP1	Missense_Mutation	*HIP1*	
VSCC13	chr11:534289-534289	C	T	*HRAS*	NM_001130442:exon2:c.G34A:p.G12S,HRAS	Missense_Mutation	*HRAS*	
VSCC13	chr7:151970951-151970951	C	T	*KMT2C*	NM_170606:exon7:c.G851A:p.R284Q	Missense_Mutation	*KMT2C*	
VSCC13	chr2:141473652-141473652	A	T	*LRP1B*	NM_018557:exon37:c.T5913A:p.D1971E	Missense_Mutation	*LRP1B*	
VSCC13	chr3:158320697-158320697	G	C	*MLF1*	NM_001130156:exon6:c.G595C:p.E199Q,MLF1	Missense_Mutation	*MLF1*	
VSCC13	chr16:15917266-15917266	C	T	*MYH11*	NM_001040113:exon3:c.G348A:p.T116T,MYH11	Silent	*MYH11*	

VSCC13	chr22:30069309-30069309	G	A	*NF2*	NM_181830:exon10:c.G925A:p.E309K,NF2	Missense_Mutation	*NF2*	
VSCC13	chr9:139414012-139414012	T	G	*NOTCH1*	NM_017617:exon5:c.A748C:p.T250P	Missense_Mutation	*NOTCH1*	
VSCC13	chr9:139414013-139414013	G	T	*NOTCH1*	NM_017617:exon5:c.C747A:p.F249L	Missense_Mutation	*NOTCH1*	
VSCC13	chr9:139414014-139414014	A	C	*NOTCH1*	NM_017617:exon5:c.T746G:p.F249C	Missense_Mutation	*NOTCH1*	
VSCC13	chr3:12653559-12653559	G	C	*RAF1*	NM_002880:exon3:c.C210G:p.V70V	Silent	*RAF1*	COSM5787409
VSCC13	chr10:102891414-102891414	G	A	*TLX1*	NM_001195517:exon1:c.G116A:p.R39H,TLX1	Missense_Mutation	*TLX1*	
VSCC13	chr19:54080532-54080532	G	A	*ZNF331*	NM_001253801:exon5:c.G718A:p.E240K,ZNF331	Missense_Mutation	*ZNF331*	
VSCC13	chr2:202149961-202149962	TG	-	*CASP8*	NM_033356:exon7:c.1180_1181del:p.C394fs,CASP8	Frame_Shift_Del	*CASP8*	
VSCC13	chr11:95825375-95825383	TGCTGCTGC	-	*MAML2*	NM_032427:exon2:c.1812_1820del:p.604_607del	In_Frame_Del	*MAML2*	
VSCC13	chr9:139412604-139412606	CCA	-	*NOTCH1*	NM_017617:exon7:c.1238_1240del:p.413_414del	In_Frame_Del	*NOTCH1*	
VSCC13	chr1:111957502-111957525	TCACAGACTGATGACTCACAGGGG	-	*OVGP1*	NM_002557:exon11:c.1598_1621del:p.533_541del	In_Frame_Del		
VSCC13	chr4:88537298-88537306	AGCAGCGAT	-	*DSPP*	NM_014208:exon5:c.3484_3492del:p.1162_1164del	In_Frame_Del		COSM3677731
VSCC13	chr8:103573011-103573037	TGCAACCCCTGCAGCCCCTGCAACCCG	-	*ODF1*	NM_024410:exon2:c.652_678del:p.218_226del	In_Frame_Del		
VSCC13	chr12:7045892-7045915	CAGCAGCAGCAGCAGCAGCAGCAG	-	*ATN1*	NM_001007026:exon5:c.1462_1485del:p.488_495del,ATN1	In_Frame_Del		
VSCC13	chrX:24382508-24382525	CTGCTCCTGCTCCTGCCG	-	*SUPT20HL1*	NM_001136234:exon1:c.1631_1648del:p.544_550del	In_Frame_Del		
VSCC14	chr5:112179733-112179733	G	C	*APC*	NM_001127511:exon14:c.G8388C:p.K2796N,APC	Missense_Mutation	*APC*	

VSCC14	chr9:21971108-21971108	C	A	*CDKN2A*	NM_000077:exon2:c.G250T:p.D84Y,CDKN2A	Missense_Mutation	*CDKN2A*	
VSCC14	chr4:54876281-54876281	G	A	*CHIC2*	NM_012110:exon6:c.C479T:p.P160L	Missense_Mutation	*CHIC2*	
VSCC14	chr17:48270014-48270014	G	A	*COL1A1*	NM_000088:exon28:c.C1916T:p.S639F	Missense_Mutation	*COL1A1*	
VSCC14	chr16:3781372-3781372	C	T	*CREBBP*	NM_001079846:exon29:c.G4879A:p.D1627N,CREBBP	Missense_Mutation	*CREBBP*	
VSCC14	chr1:6662020-6662020	C	G	*KLHL21*	NM_014851:exon1:c.G858C:p.E286D	Missense_Mutation		
VSCC14	chr1:16270190-16270190	G	A	*ZBTB17*	NM_001242884:exon10:c.C1234T:p.R412W,ZBTB17	Missense_Mutation		
VSCC14	chr1:19215911-19215911	G	A	*ALDH4A1*	NM_001161504:exon3:c.C14T:p.P5L,ALDH4A1	Missense_Mutation		
VSCC14	chr1:21226277-21226277	C	G	*EIF4G3*	NM_003760:exon11:c.G1744C:p.E582Q,EIF4G3	Missense_Mutation		
VSCC14	chr1:21551857-21551857	G	A	*ECE1*	NM_001113347:exon15:c.C1890T:p.T630T,ECE1	Silent		
VSCC14	chr1:31346211-31346211	G	A	*SDC3*	NM_014654:exon5:c.C1176T:p.G392G	Silent		
VSCC14	chr1:32673006-32673006	G	A	*IQCC*	NM_001160042:exon5:c.G964A:p.E322K,IQCC	Missense_Mutation		COSM896560
VSCC14	chr1:32790085-32790085	G	T	*HDAC1*	NM_004964:exon4:c.G286T:p.V96F	Missense_Mutation		
VSCC14	chr1:34006146-34006146	C	T	*CSMD2*	NM_052896:exon59:c.G9178A:p.G3060R,CSMD2	Missense_Mutation		COSM5641210
VSCC14	chr1:35227466-35227466	A	C	*GJB4*	NM_153212:exon2:c.A611C:p.E204A	Missense_Mutation		
VSCC14	chr1:35321458-35321458	G	A	*SMIM12*	NM_001164825:exon2:c.C121T:p.Q41X,SMIM12	Nonsense_Mutation		
VSCC14	chr1:36904478-36904478	C	T	*OSCP1*	NM_145047:exon2:c.G146A:p.R49K,OSCP1	Missense_Mutation		
VSCC14	chr1:40349014-40349014	C	T	*TRIT1*	NM_001312691:exon1:c.G150A:p.E50E,TRIT1	Silent		
VSCC14	chr1:42905687-42905687	C	T	*ZMYND12*	NM_001146192:exon3:c.G104A:p.R35Q,ZMYND12	Missense_Mutation		COSM4944510

VSCC14	chr1:48771547-48771547	C	G	*SPATA6*	NM_001286239:exon11:c.G1156C:p.E386Q,SPATA6	Missense_Mutation	
VSCC14	chr1:54606803-54606803	C	G	*CDCP2*	NM_201546:exon3:c.G731C:p.G244A	Missense_Mutation	COSM4419764
VSCC14	chr1:55253437-55253437	C	T	*TTC22*	NM_001114108:exon3:c.G686A:p.R229H,TTC22	Missense_Mutation	
VSCC14	chr1:62739198-62739198	G	A	*KANK4*	NM_181712:exon3:c.C1578T:p.S526S	Silent	
VSCC14	chr1:62910554-62910554	G	C	*USP1*	NM_001017415:exon6:c.G703C:p.E235Q,USP1	Missense_Mutation	COSM1748246
VSCC14	chr1:71532546-71532546	G	T	*ZRANB2*	NM_005455:exon9:c.C842A:p.P281H,ZRANB2	Missense_Mutation	
VSCC14	chr1:75172036-75172036	G	A	*CRYZ*	NM_001134759:exon7:c.C523T:p.H175Y,CRYZ	Missense_Mutation	
VSCC14	chr1:92178081-92178081	C	T	*TGFBR3*	NM_001195683:exon13:c.G1882A:p.E628K,TGFBR3	Missense_Mutation	
VSCC14	chr1:92712654-92712654	C	T	*GLMN*	NM_053274:exon18:c.G1633A:p.E545K	Missense_Mutation	
VSCC14	chr1:98058848-98058848	G	C	*DPYD*	NM_000110:exon10:c.C1054G:p.L352V	Missense_Mutation	
VSCC14	chr1:100347115-100347115	G	A	*AGL*	NM_000645:exon15:c.G2125A:p.D709N,AGL	Missense_Mutation	
VSCC14	chr1:108303476-108303476	C	T	*VAV3*	NM_006113:exon10:c.G947A:p.G316E	Missense_Mutation	COSM21689
VSCC14	chr1:109242064-109242064	G	C	*PRPF38B*	NM_018061:exon6:c.G1063C:p.E355Q	Missense_Mutation	
VSCC14	chr1:111495169-111495169	C	T	*LRIF1*	NM_018372:exon2:c.G337A:p.D113N	Missense_Mutation	
VSCC14	chr1:150921644-150921644	G	C	*SETDB1*	NM_001145415:exon11:c.G1314C:p.L438L,SETDB1	Silent	
VSCC14	chr1:152084411-152084411	C	G	*TCHH*	NM_007113:exon3:c.G1282C:p.E428Q	Missense_Mutation	COSM4418941
VSCC14	chr1:152084813-152084813	C	A	*TCHH*	NM_007113:exon3:c.G880T:p.E294X	Nonsense_Mutation	COSM443203
VSCC14	chr1:154245948-154245948	G	A	*HAX1*	NM_006118:exon2:c.G190A:p.G64S	Missense_Mutation	COSM4001751

VSCC14	chr1:155292200-155292200	C	G	*RUSC1*	NM_001105203:exon2:c.C636G:p.L212L,RUSC1	Silent	
VSCC14	chr1:156235988-156235988	G	A	*SMG5*	NM_015327:exon12:c.C1439T:p.S480L	Missense_Mutation	
VSCC14	chr1:158449754-158449754	C	T	*OR10R2*	NM_001004472:exon1:c.C87T:p.V29V	Silent	
VSCC14	chr1:180885996-180885996	G	A	*KIAA1614*	NM_020950:exon2:c.G757A:p.D253N	Missense_Mutation	
VSCC14	chr1:200817810-200817810	C	G	*CAMSAP2*	NM_001297708:exon11:c.C1865G:p.S622C,CAMSAP2	Missense_Mutation	
VSCC14	chr1:201028330-201028330	G	A	*CACNA1S*	NM_000069:exon27:c.C3512T:p.A1171V	Missense_Mutation	
VSCC14	chr1:205277781-205277781	C	T	*NUAK2*	NM_030952:exon3:c.G564A:p.R188R	Silent	
VSCC14	chr1:208391203-208391203	G	C	*PLXNA2*	NM_025179:exon2:c.C65G:p.S22X	Nonsense_Mutation	COSM3757646
VSCC14	chr1:216373416-216373416	A	C	*USH2A*	NM_007123:exon17:c.T3364G:p.S1122A,USH2A	Missense_Mutation	
VSCC14	chr1:222824213-222824213	G	C	*MIA3*	NM_001300867:exon6:c.G511C:p.E171Q,MIA3	Missense_Mutation	
VSCC14	chr1:223285962-223285962	C	G	*TLR5*	NM_003268:exon6:c.G412C:p.D138H	Missense_Mutation	
VSCC14	chr1:236925844-236925844	G	A	*ACTN2*	NM_001103:exon21:c.G2610A:p.S870S,ACTN2	Silent	
VSCC14	chr1:243828148-243828148	G	A	*AKT3*	NM_005465:exon3:c.C210T:p.N70N,AKT3	Silent	
VSCC14	chr2:27248898-27248898	G	C	*MAPRE3*	NM_001303050:exon6:c.G775C:p.E259Q,MAPRE3	Missense_Mutation	
VSCC14	chr2:27729414-27729414	G	T	*GCKR*	NM_001486:exon11:c.G936T:p.K312N	Missense_Mutation	
VSCC14	chr2:32772948-32772948	C	G	*BIRC6*	NM_016252:exon64:c.C12842G:p.S4281X	Nonsense_Mutation	
VSCC14	chr2:37284541-37284541	G	C	*HEATR5B*	NM_019024:exon15:c.C2142G:p.L714L	Silent	COSM3716566
VSCC14	chr2:37455511-37455511	C	G	*CEBPZ*	NM_005760:exon2:c.G825C:p.K275N	Missense_Mutation	COSM51603

VSCC14	chr2:47748380-47748380	C	G	*KCNK12*	NM_022055:exon2:c.G959C:p.R320P	Missense_Mutation		
VSCC14	chr2:54883083-54883083	G	C	*SPTBN1*	NM_178313:exon28:c.G5955C:p.K1985N,SPTBN1	Missense_Mutation		
VSCC14	chr2:69002450-69002450	G	A	*ARHGAP25*	NM_001166276:exon1:c.G138A:p.L46L,ARHGAP25	Silent		
VSCC14	chr2:69581631-69581631	G	A	*GFPT1*	NM_001244710:exon8:c.C675T:p.L225L,GFPT1	Silent		
VSCC14	chr2:74154071-74154071	C	T	*DGUOK*	NM_080916:exon1:c.C34T:p.R12X,DGUOK	Nonsense_Mutation		COSM4113260
VSCC14	chr2:74761539-74761539	T	A	*LOXL3*	NM_001289165:exon7:c.A760T:p.I254F,LOXL3	Missense_Mutation		
VSCC14	chr2:95843299-95843299	G	A	*ZNF2*	NM_001282398:exon3:c.G105A:p.Q35Q,ZNF2	Silent		
VSCC14	chr2:99636898-99636898	C	T	*TSGA10*	NM_182911:exon17:c.G1662A:p.R554R,TSGA10	Silent		
VSCC14	chr2:101652619-101652619	C	G	*TBC1D8*	NM_001102426:exon9:c.G1419C:p.Q473H	Missense_Mutation		
VSCC14	chr2:106002932-106002932	G	C	*FHL2*	NM_001450:exon2:c.C42G:p.L14L,FHL2	Silent		
VSCC14	chr2:42522380-42522380	G	T	*EML4*	NM_001145076:exon11:c.G1160T:p.R387I,EML4	Missense_Mutation	*EML4*	
VSCC14	chr2:112786140-112786140	A	G	*MERTK*	NM_006343:exon19:c.A2699G:p.D900G	Missense_Mutation		
VSCC14	chr2:118753842-118753842	C	G	*CCDC93*	NM_019044:exon5:c.G460C:p.E154Q	Missense_Mutation		
VSCC14	chr2:136594158-136594158	G	A	*LCT*	NM_002299:exon1:c.C582T:p.T194T	Silent		
VSCC14	chr2:152589661-152589661	C	T	*NEB*	NM_001164507:exon3:c.G10A:p.D4N,NEB	Missense_Mutation		
VSCC14	chr2:166514485-166514485	G	C	*CSRNP3*	NM_024969:exon3:c.G363C:p.L121F,CSRNP3	Missense_Mutation		
VSCC14	chr2:171641278-171641278	G	A	*ERICH2*	NM_001289947:exon2:c.G151A:p.E51K,ERICH2	Missense_Mutation		
VSCC14	chr2:179474025-179474025	C	G	*TTN*	NM_003319:exon101:c.G24817C:p.D8273H,TTN	Missense_Mutation		COSM3846048

VSCC14	chr2:197002221-197002221	C	T	*STK17B*	NM_004226:exon8:c.G1069A:p.D357N	Missense_Mutation	
VSCC14	chr2:200188528-200188528	G	C	*SATB2*	NM_001172509:exon9:c.C1540G:p.Q514E,SATB2	Missense_Mutation	COSM3759772
VSCC14	chr2:207345997-207345997	C	T	*ADAM23*	NM_003812:exon3:c.C474T:p.F158F	Silent	
VSCC14	chr2:214239793-214239793	G	A	*SPAG16*	NM_024532:exon9:c.G892A:p.E298K	Missense_Mutation	
VSCC14	chr2:218954748-218954748	G	A	*RUFY4*	NM_198483:exon13:c.G1687A:p.A563T	Missense_Mutation	COSM149542
VSCC14	chr2:230127480-230127480	C	T	*PID1*	NM_017933:exon2:c.G42A:p.S14S	Silent	COSM1693965
VSCC14	chr2:231327179-231327179	A	T	*SP100*	NM_001206703:exon9:c.A928T:p.T310S,SP100	Missense_Mutation	
VSCC14	chr2:233715099-233715099	G	A	*GIGYF2*	NM_001103148:exon27:c.G3794A:p.R1265Q,GIGYF2	Missense_Mutation	COSM1429197
VSCC14	chr2:234465632-234465632	G	C	*USP40*	NM_018218:exon4:c.C451G:p.R151G	Missense_Mutation	
VSCC14	chr2:242608076-242608076	G	A	*ATG4B*	NM_013325:exon10:c.G933A:p.A311A,ATG4B	Silent	
VSCC14	chr3:12856666-12856666	G	A	*CAND2*	NM_012298:exon6:c.G754A:p.D252N,CAND2	Missense_Mutation	COSM1054876
VSCC14	chr3:19975045-19975045	C	G	*EFHB*	NM_144715:exon1:c.G466C:p.E156Q	Missense_Mutation	
VSCC14	chr3:32737219-32737219	C	G	*CNOT10*	NM_001256742:exon1:c.C102G:p.V34V	Silent	
VSCC14	chr3:44685299-44685299	C	G	*ZNF197*	NM_006991:exon6:c.C2677G:p.Q893E	Missense_Mutation	
VSCC14	chr3:45048961-45048961	C	T	*EXOSC7*	NM_015004:exon7:c.C665T:p.S222L	Missense_Mutation	COSM3760611
VSCC14	chr3:48622199-48622199	C	T	*COL7A1*	NM_000094:exon34:c.G4015A:p.E1339K	Missense_Mutation	
VSCC14	chr3:49061980-49061980	C	G	*IMPDH2*	NM_000884:exon13:c.G1471C:p.E491Q	Missense_Mutation	
VSCC14	chr3:49062005-49062005	C	T	*IMPDH2*	NM_000884:exon13:c.G1446A:p.M482I	Missense_Mutation	

VSCC14	chr3:50417182-50417182	C	G	*CACNA2D2*	NM_001005505:exon10:c.G967C:p.D323H,CACNA2D2	Missense_Mutation	
VSCC14	chr3:52833770-52833770	C	A	*ITIH3*	NM_002217:exon9:c.C908A:p.T303K	Missense_Mutation	
VSCC14	chr3:62464012-62464012	C	T	*CADPS*	NM_183393:exon20:c.G3016A:p.E1006K,CADPS	Missense_Mutation	
VSCC14	chr3:62556574-62556574	C	A	*CADPS*	NM_003716:exon9:c.G1617T:p.W539C,CADPS	Missense_Mutation	COSM149707
VSCC14	chr3:64085435-64085435	G	C	*PRICKLE2*	NM_198859:exon8:c.C1827G:p.L609L	Silent	
VSCC14	chr3:123674921-123674921	C	G	*CCDC14*	NM_022757:exon4:c.G345C:p.L115L	Silent	
VSCC14	chr3:124174141-124174141	G	A	*KALRN*	NM_001024660:exon22:c.G3664A:p.D1222N,KALRN	Missense_Mutation	
VSCC14	chr3:133524717-133524717	G	C	*SRPRB*	NM_021203:exon2:c.G25C:p.V9L	Missense_Mutation	
VSCC14	chr3:134077492-134077492	C	T	*AMOTL2*	NM_001278683:exon9:c.G2345A:p.R782K,AMOTL2	Missense_Mutation	
VSCC14	chr3:134322931-134322931	G	A	*KY*	NM_178554:exon11:c.C1476T:p.V492V	Silent	
VSCC14	chr3:186953808-186953808	C	T	*MASP1*	NM_139125:exon11:c.G1851A:p.L617L	Silent	
VSCC14	chr3:190338196-190338196	C	T	*IL1RAP*	NM_001167929:exon5:c.C670T:p.H224Y,IL1RAP	Missense_Mutation	COSM1309912
VSCC14	chr3:190366230-190366230	C	G	*IL1RAP*	NM_001167929:exon11:c.C1449G:p.L483L,IL1RAP	Silent	
VSCC14	chr4:2339215-2339215	G	A	*ZFYVE28*	NM_001172658:exon4:c.C389T:p.S130L,ZFYVE28	Missense_Mutation	
VSCC14	chr4:2339217-2339217	G	C	*ZFYVE28*	NM_001172658:exon4:c.C387G:p.V129V,ZFYVE28	Silent	
VSCC14	chr4:2701666-2701666	C	T	*FAM193A*	NM_001256666:exon17:c.C2894T:p.S965F,FAM193A	Missense_Mutation	
VSCC14	chr4:3156069-3156069	G	A	*HTT*	NM_002111:exon27:c.G3548A:p.R1183Q	Missense_Mutation	
VSCC14	chr4:5576462-5576462	C	T	*EVC2*	NM_001166136:exon19:c.G3070A:p.D1024N,EVC2	Missense_Mutation	

VSCC14	chr4:10446179-10446179	G	A	*ZNF518B*	NM_053042:exon3:c.C1774T:p.Q592X	Nonsense_Mutation	COSM1165332
VSCC14	chr4:15688640-15688640	G	A	*FAM200B*	NM_001145191:exon2:c.G40A:p.V14M	Missense_Mutation	
VSCC14	chr4:38829832-38829832	T	C	*TLR6*	NM_006068:exon2:c.A1263G:p.K421K	Silent	
VSCC14	chr4:42062236-42062236	C	G	*SLC30A9*	NM_006345:exon10:c.C869G:p.S290C	Missense_Mutation	
VSCC14	chr4:47514709-47514709	G	A	*ATP10D*	NM_020453:exon2:c.G152A:p.R51Q	Missense_Mutation	
VSCC14	chr4:48559625-48559625	G	C	*FRYL*	NM_015030:exon34:c.C3970G:p.L1324V	Missense_Mutation	COSM3761554
VSCC14	chr4:48582887-48582887	C	T	*FRYL*	NM_015030:exon22:c.G2254A:p.D752N	Missense_Mutation	
VSCC14	chr4:66356179-66356179	C	T	*EPHA5*	NM_001281765:exon5:c.G1318A:p.E440K,EPHA5	Missense_Mutation	
VSCC14	chr4:88116518-88116518	A	G	*KLHL8*	NM_001292003:exon2:c.T174C:p.L58L,KLHL8	Silent	
VSCC14	chr4:96123981-96123981	C	T	*UNC5C*	NM_003728:exon12:c.G2037A:p.A679A	Silent	
VSCC14	chr4:106759025-106759025	C	T	*GSTCD*	NM_001031720:exon10:c.C1674T:p.F558F,GSTCD	Silent	
VSCC14	chr4:123175376-123175376	G	C	*KIAA1109*	NM_015312:exon36:c.G5949C:p.L1983F	Missense_Mutation	COSM3760921
VSCC14	chr4:146071956-146071956	G	A	*OTUD4*	NM_001102653:exon12:c.C875T:p.S292F	Missense_Mutation	
VSCC14	chr4:154508912-154508912	G	A	*KIAA0922*	NM_001131007:exon15:c.G1501A:p.E501K,KIAA0922	Missense_Mutation	
VSCC14	chr4:177608517-177608517	G	C	*VEGFC*	NM_005429:exon6:c.C969G:p.L323L	Silent	
VSCC14	chr5:5146253-5146253	G	A	*ADAMTS16*	NM_139056:exon3:c.G186A:p.L62L	Silent	
VSCC14	chr5:5464690-5464690	C	G	*ICE1*	NM_015325:exon13:c.C5243G:p.S1748C	Missense_Mutation	
VSCC14	chr5:14492748-14492748	G	A	*TRIO*	NM_007118:exon49:c.G7705A:p.E2569K	Missense_Mutation	COSM4682091

VSCC14	chr5:34880345-34880345	G	A	*TTC23L*	NM_144725:exon9:c.G1009A:p.E337K	Missense_Mutation	
VSCC14	chr5:78326749-78326749	C	T	*DMGDH*	NM_013391:exon10:c.G1590A:p.A530A	Silent	
VSCC14	chr5:79734582-79734582	C	T	*ZFYVE16*	NM_001284237:exon3:c.C2078T:p.S693F,ZFYVE16	Missense_Mutation	
VSCC14	chr5:93732110-93732110	C	G	*KIAA0825*	NM_001145678:exon17:c.G2992C:p.E998Q	Missense_Mutation	COSM165960
VSCC14	chr5:98236738-98236738	C	G	*CHD1*	NM_001270:exon6:c.G636C:p.Q212H	Missense_Mutation	
VSCC14	chr5:111601999-111601999	C	T	*EPB41L4A*	NM_022140:exon5:c.G364A:p.D122N	Missense_Mutation	
VSCC14	chr5:126754887-126754887	G	A	*MEGF10*	NM_001256545:exon11:c.G1381A:p.D461N,MEGF10	Missense_Mutation	
VSCC14	chr5:131546086-131546086	C	T	*P4HA2*	NM_001017973:exon6:c.G600A:p.E200E,P4HA2	Silent	
VSCC14	chr5:132098248-132098248	G	A	*SEPT8*	NM_001098811:exon5:c.C624T:p.V208V,SEPT8	Silent	
VSCC14	chr5:132200053-132200053	C	G	*GDF9*	NM_005260:exon1:c.G173C:p.R58T	Missense_Mutation	
VSCC14	chr5:134010425-134010425	C	G	*SEC24A*	NM_001252231:exon5:c.C938G:p.S313C,SEC24A	Missense_Mutation	
VSCC14	chr5:134782450-134782450	T	A	*DCANP1*	NM_130848:exon1:c.A349T:p.R117X	Nonsense_Mutation	
VSCC14	chr5:135489666-135489666	G	C	*SMAD5*	UNKNOWN	unknown	COSM450416
VSCC14	chr5:137481501-137481501	G	C	*BRD8*	NM_139199:exon24:c.C3345G:p.V1115V	Silent	
VSCC14	chr5:139851896-139851896	G	A	*ANKHD1*	NM_017978:exon11:c.G1822A:p.D608N,ANKHD1	Missense_Mutation	
VSCC14	chr5:140712626-140712626	C	G	*PCDHGA1*	NM_018912:exon1:c.C2375G:p.S792X,PCDHGA1	Nonsense_Mutation	COSM4160266
VSCC14	chr5:150946368-150946368	G	C	*FAT2*	NM_001447:exon1:c.C2125G:p.H709D	Missense_Mutation	COSM4160267
VSCC14	chr5:180166450-180166450	G	A	*OR2Y1*	NM_001001657:exon1:c.C609T:p.V203V	Silent	
VSCC14	chr6:27115273-27115273	G	C	*HIST1H2AH*	NM_080596:exon1:c.G366C:p.E122D	Missense_Mutation	

VSCC14	chr6:27860839-27860839	C	T	*HIST1H2AM*	NM_003514:exon1:c.G89A:p.R30Q	Missense_Mutation	COSM3723560
VSCC14	chr6:28359319-28359319	C	T	*ZSCAN12*	NM_001163391:exon4:c.G748A:p.E250K	Missense_Mutation	COSM5425882
VSCC14	chr6:47763173-47763173	C	G	*OPN5*	NM_181744:exon4:c.C630G:p.L210L	Silent	
VSCC14	chr6:49696488-49696488	C	T	*CRISP3*	NM_001190986:exon8:c.G762A:p.R254R,CRISP3	Silent	
VSCC14	chr6:56481272-56481272	G	A	*DST*	NM_001723:exon24:c.C6993T:p.L2331L	Silent	
VSCC14	chr6:79752606-79752606	G	C	*PHIP*	NM_017934:exon7:c.C554G:p.S185C	Missense_Mutation	COSM5710643
VSCC14	chr6:82923961-82923961	G	A	*IBTK*	NM_001300906:exon12:c.C2187T:p.F729F,IBTK	Silent	COSM4684337
VSCC14	chr6:89790806-89790806	G	A	*PNRC1*	NM_006813:exon1:c.G193A:p.G65S	Missense_Mutation	
VSCC14	chr6:90428739-90428739	G	C	*MDN1*	NM_014611:exon42:c.C6068G:p.S2023X	Nonsense_Mutation	
VSCC14	chr6:110107570-110107570	G	A	*FIG4*	NM_014845:exon18:c.G2014A:p.D672N	Missense_Mutation	
VSCC14	chr6:121481215-121481215	G	A	*TBC1D32*	NM_152730:exon24:c.C2714T:p.S905L	Missense_Mutation	
VSCC14	chr6:135359116-135359116	G	C	*HBS1L*	NM_001145207:exon5:c.C479G:p.S160C	Missense_Mutation	
VSCC14	chr6:146242495-146242495	C	T	*SHPRH*	NM_001042683:exon21:c.G3816A:p.M1272I,SHPRH	Missense_Mutation	
VSCC14	chr6:146755140-146755140	G	A	*GRM1*	NM_001278064:exon8:c.G2793A:p.K931K	Silent	
VSCC14	chr6:146755324-146755324	T	C	*GRM1*	NM_001278064:exon8:c.T2977C:p.S993P	Missense_Mutation	
VSCC14	chr6:150710606-150710606	G	C	*IYD*	NM_001164694:exon2:c.G297C:p.K99N,IYD	Missense_Mutation	
VSCC14	chr6:152551717-152551717	G	A	*SYNE1*	NM_033071:exon114:c.C20947T:p.Q6983X,SYNE1	Nonsense_Mutation	
VSCC14	chr6:160543123-160543123	T	C	*SLC22A1*	NM_003057:exon1:c.T156C:p.S52S,SLC22A1	Silent	COSM4592488

VSCC14	chr6:167343199-167343199	C	T	*RNASET2*	NM_003730:exon9:c.G648A:p.P216P	Silent	COSM4524222
VSCC14	chr6:170059591-170059591	G	C	*WDR27*	NM_001202550:exon8:c.C772G:p.L258V,WDR27	Missense_Mutation	COSM5762278
VSCC14	chr7:4839263-4839263	C	T	*RADIL*	NM_018059:exon14:c.G3120A:p.L1040L	Silent	
VSCC14	chr7:5540644-5540644	G	C	*FBXL18*	NM_024963:exon3:c.C1256G:p.S419C	Missense_Mutation	
VSCC14	chr7:6548692-6548692	C	T	*GRID2IP*	NM_001145118:exon12:c.G2024A:p.R675Q	Missense_Mutation	
VSCC14	chr7:19184846-19184846	C	T	*FERD3L*	NM_152898:exon1:c.G140A:p.R47Q	Missense_Mutation	COSM4161765
VSCC14	chr7:29438081-29438081	G	C	*CHN2*	NM_001293071:exon4:c.G164C:p.G55A,CHN2	Missense_Mutation	
VSCC14	chr7:31378745-31378745	C	G	*NEUROD6*	NM_022728:exon2:c.G138C:p.K46N	Missense_Mutation	
VSCC14	chr7:31617997-31617997	G	A	*CCDC129*	NM_194300:exon7:c.G1119A:p.K373K,CCDC129	Silent	
VSCC14	chr7:44839407-44839407	C	G	*PPIA*	NM_021130:exon4:c.C296G:p.S99C,PPIA	Missense_Mutation	
VSCC14	chr7:47408974-47408974	T	A	*TNS3*	NM_022748:exon17:c.A1269T:p.A423A	Silent	COSM5658540
VSCC14	chr7:73097559-73097559	G	C	*DNAJC30*	NM_032317:exon1:c.C195G:p.I65M	Missense_Mutation	
VSCC14	chr7:83592637-83592637	C	T	*SEMA3A*	NM_006080:exon16:c.G1744A:p.E582K	Missense_Mutation	
VSCC14	chr7:100001352-100001352	C	A	*ZCWPW1*	NM_001258008:exon15:c.G1378T:p.E460X,ZCWPW1	Nonsense_Mutation	
VSCC14	chr7:100001841-100001841	C	A	*ZCWPW1*	NM_001258008:exon14:c.G1281T:p.W427C,ZCWPW1	Missense_Mutation	
VSCC14	chr7:100238749-100238749	C	T	*TFR2*	NM_003227:exon2:c.G136A:p.E46K	Missense_Mutation	
VSCC14	chr7:100681359-100681359	C	G	*MUC17*	NM_001040105:exon3:c.C6662G:p.P2221R	Missense_Mutation	
VSCC14	chr7:100799996-100799996	G	A	*AP1S1*	NM_001283:exon2:c.G125A:p.R42Q	Missense_Mutation	

VSCC14	chr7:107704311-107704311	G	C	*LAMB4*	NM_007356:exon22:c.C2956G:p.R986G	Missense_Mutation	
VSCC14	chr7:114329936-114329936	C	T	*FOXP2*	NM_001172766:exon17:c.C2100T:p.D700D,FOXP2	Silent	
VSCC14	chr7:121753739-121753739	C	A	*AASS*	NM_005763:exon10:c.G1079T:p.G360V	Missense_Mutation	COSM1100010
VSCC14	chr7:124404947-124404947	G	A	*GPR37*	NM_005302:exon1:c.C84T:p.L28L	Silent	
VSCC14	chr7:127979347-127979347	C	T	*RBM28*	NM_018077:exon3:c.G306A:p.P102P	Silent	
VSCC14	chr7:134800331-134800331	C	G	*AGBL3*	NM_178563:exon16:c.C2310G:p.F770L	Missense_Mutation	
VSCC14	chr7:134849600-134849600	C	G	*TMEM140*	NM_018295:exon2:c.C407G:p.S136C	Missense_Mutation	
VSCC14	chr7:140373942-140373942	C	G	*ADCK2*	NM_052853:exon1:c.C812G:p.S271W	Missense_Mutation	
VSCC14	chr7:154760222-154760222	C	T	*PAXIP1*	NM_007349:exon7:c.G1689A:p.A563A	Silent	COSM4163050
VSCC14	chr7:154760458-154760458	G	A	*PAXIP1*	NM_007349:exon7:c.C1453T:p.Q485X	Nonsense_Mutation	
VSCC14	chr8:9592441-9592441	G	C	*TNKS*	NM_003747:exon16:c.G2380C:p.D794H	Missense_Mutation	
VSCC14	chr8:9592486-9592486	G	C	*TNKS*	NM_003747:exon16:c.G2425C:p.D809H	Missense_Mutation	
VSCC14	chr8:12589290-12589290	G	A	*LONRF1*	NM_152271:exon8:c.C1643T:p.S548F	Missense_Mutation	
VSCC14	chr8:17611477-17611477	C	G	*MTUS1*	NM_001001924:exon2:c.G1840C:p.D614H,MTUS1	Missense_Mutation	
VSCC14	chr8:22037224-22037224	C	G	*BMP1*	NM_001199:exon7:c.C843G:p.I281M,BMP1	Missense_Mutation	
VSCC14	chr8:25237862-25237862	G	A	*DOCK5*	NM_024940:exon39:c.G3978A:p.E1326E	Silent	
VSCC14	chr8:28019531-28019531	G	T	*ELP3*	NM_001284224:exon12:c.G1146T:p.L382L,ELP3	Silent	
VSCC14	chr8:29202979-29202979	C	T	*DUSP4*	NM_057158:exon2:c.G68A:p.G23E	Missense_Mutation	

VSCC14	chr8:37732298-37732298	C	G	*RAB11FIP1*	NM_001002814:exon3:c.G1357C:p.E453Q,RAB11FIP1	Missense_Mutation		COSM4162822
VSCC14	chr8:42206558-42206558	G	A	*POLB*	NM_002690:exon4:c.G211A:p.E71K	Missense_Mutation		
VSCC14	chr8:42206567-42206567	G	C	*POLB*	NM_002690:exon4:c.G220C:p.D74H	Missense_Mutation		
VSCC14	chr8:42591689-42591689	G	A	*CHRNB3*	NM_000749:exon6:c.G1305A:p.L435L	Silent		
VSCC14	chr16:89871737-89871737	C	T	*FANCA*	NM_000135:exon7:c.G660A:p.Q220Q,FANCA	Silent	*FANCA*	
VSCC14	chr8:59059278-59059278	G	C	*FAM110B*	NM_147189:exon5:c.G489C:p.L163L	Silent		COSM1756140
VSCC14	chr8:67592072-67592072	G	A	*C8orf44*	NM_019607:exon3:c.G363A:p.K121K	Silent		
VSCC14	chr8:70980738-70980738	T	C	*PRDM14*	NM_024504:exon3:c.A730G:p.K244E	Missense_Mutation		
VSCC14	chr8:88365996-88365996	G	A	*CNBD1*	NM_173538:exon10:c.G1285A:p.E429K	Missense_Mutation		
VSCC14	chr8:119391761-119391761	C	G	*SAMD12*	NM_207506:exon4:c.G501C:p.E167D	Missense_Mutation		
VSCC14	chr8:125499200-125499200	C	G	*RNF139*	NM_007218:exon2:c.C1310G:p.S437C	Missense_Mutation		
VSCC14	chr8:131812695-131812695	C	G	*ADCY8*	NM_001115:exon15:c.G3037C:p.E1013Q	Missense_Mutation		
VSCC14	chr8:136619207-136619207	G	C	*KHDRBS3*	NM_006558:exon7:c.G817C:p.D273H	Missense_Mutation		
VSCC14	chr8:143353009-143353009	C	T	*TSNARE1*	NM_001291931:exon11:c.G833A:p.X278X	Silent		
VSCC14	chr8:144623574-144623574	T	C	*ZC3H3*	NM_015117:exon1:c.A18G:p.I6M	Missense_Mutation		
VSCC14	chr8:144659478-144659478	C	T	*NAPRT*	NM_001286829:exon4:c.G529A:p.D177N,NAPRT	Missense_Mutation		
VSCC14	chr8:144992753-144992753	C	T	*PLEC*	NM_201378:exon32:c.G11194A:p.E3732K,PLEC	Missense_Mutation		
VSCC14	chr8:145058986-145058986	A	G	*PARP10*	NM_032789:exon5:c.T1184C:p.L395P	Missense_Mutation		

VSCC14	chr8:145666438-145666438	G	A	*TONSL*	NM_013432:exon8:c.C922T:p.Q308X	Nonsense_Mutation	COSM4165479
VSCC14	chr9:14842497-14842497	C	T	*FREM1*	NM_144966:exon10:c.G1555A:p.D519N	Missense_Mutation	
VSCC14	chr9:19116314-19116314	G	T	*PLIN2*	NM_001122:exon8:c.C1246A:p.Q416K	Missense_Mutation	COSM3440467
VSCC14	chr9:33941837-33941837	G	C	*UBAP2*	NM_001282529:exon12:c.C938G:p.S313X,UBAP2	Nonsense_Mutation	COSM427906
VSCC14	chr9:35713040-35713040	C	A	*TLN1*	NM_006289:exon27:c.G3353T:p.G1118V	Missense_Mutation	
VSCC14	chr9:72131922-72131922	C	T	*APBA1*	NM_001163:exon2:c.G205A:p.E69K	Missense_Mutation	
VSCC14	chr9:104314819-104314819	C	G	*RNF20*	NM_019592:exon13:c.C1685G:p.S562C	Missense_Mutation	
VSCC14	chr9:123622433-123622433	A	T	*PHF19*	NM_001286842:exon9:c.T708A:p.D236E,PHF19	Missense_Mutation	
VSCC14	chr9:127176263-127176263	C	G	*PSMB7*	NM_002799:exon3:c.G178C:p.D60H	Missense_Mutation	
VSCC14	chr9:131767668-131767668	A	C	*NUP188*	NM_015354:exon40:c.A4596C:p.S1532S	Silent	
VSCC14	chr9:139371329-139371329	C	T	*SEC16A*	NM_001276418:exon2:c.G739A:p.V247I,SEC16A	Missense_Mutation	COSM4844035
VSCC14	chr9:139981464-139981464	G	A	*MAN1B1*	NM_016219:exon1:c.G13A:p.E5K	Missense_Mutation	
VSCC14	chr10:5791803-5791803	G	A	*FAM208B*	NM_017782:exon15:c.G6419A:p.G2140E	Missense_Mutation	
VSCC14	chr10:34400142-34400142	C	T	*PARD3*	NM_001184791:exon21:c.G3690A:p.L1230L,PARD3	Silent	
VSCC14	chr10:38344990-38344990	C	T	*ZNF33A*	NM_001278170:exon4:c.C1956T:p.F652F,ZNF33A	Silent	
VSCC14	chr10:43089448-43089448	G	C	*ZNF33B*	NM_001305033:exon4:c.C971G:p.S324X,ZNF33B	Nonsense_Mutation	
VSCC14	chr10:61829859-61829859	G	A	*ANK3*	NM_020987:exon37:c.C10780T:p.P3594S	Missense_Mutation	COSM4993862
VSCC14	chr10:75407027-75407027	G	A	*SYNPO2L*	NM_024875:exon2:c.C1711T:p.L571L,SYNPO2L	Silent	COSM1492561

VSCC14	chr10:75532727-75532727	C	G	*FUT11*	NM_001284194:exon1:c.C636G:p.L212L,FUT11	Silent	
VSCC14	chr10:82277702-82277702	C	T	*TSPAN14*	NM_001128309:exon6:c.C414T:p.I138I,TSPAN14	Silent	
VSCC14	chr10:99079221-99079221	G	A	*FRAT1*	NM_005479:exon1:c.G11A:p.R4Q	Missense_Mutation	
VSCC14	chr10:102676364-102676364	C	G	*SLF2*	NM_001136123:exon3:c.C222G:p.I74M,SLF2	Missense_Mutation	
VSCC14	chr10:103900042-103900042	G	C	*PPRC1*	NM_001288727:exon5:c.G1777C:p.D593H,PPRC1	Missense_Mutation	
VSCC14	chr11:488295-488295	G	A	*PTDSS2*	NM_030783:exon7:c.G718A:p.E240K	Missense_Mutation	
VSCC14	chr11:1218128-1218128	G	A	*MUC5AC*	UNKNOWN	unknown	COSM1356602
VSCC14	chr11:5566286-5566286	G	A	*OR52H1*	NM_001005289:exon1:c.C468T:p.I156I	Silent	
VSCC14	chr11:6644503-6644503	G	C	*DCHS1*	NM_003737:exon21:c.C8404G:p.L2802V	Missense_Mutation	
VSCC14	chr11:9005669-9005669	C	T	*NRIP3*	NM_020645:exon5:c.G565A:p.D189N	Missense_Mutation	
VSCC14	chr11:18956110-18956110	G	C	*MRGPRX1*	NM_147199:exon1:c.C222G:p.L74L	Silent	COSM4592080
VSCC14	chr11:30255155-30255155	G	C	*FSHB*	NM_000510:exon3:c.G198C:p.Q66H,FSHB	Missense_Mutation	
VSCC14	chr11:48285856-48285856	C	T	*OR4X1*	NM_001004726:exon1:c.C444T:p.G148G	Silent	
VSCC14	chr11:48328497-48328497	C	T	*OR4S1*	NM_001004725:exon1:c.C723T:p.H241H	Silent	
VSCC14	chr11:59812162-59812162	C	G	*OOSP2*	NM_173801:exon3:c.C262G:p.L88V	Missense_Mutation	
VSCC14	chr11:61543593-61543593	C	T	*MYRF*	NM_001127392:exon9:c.C1377T:p.F459F,MYRF	Silent	
VSCC14	chr11:63064898-63064898	C	A	*SLC22A10*	NM_001039752:exon3:c.C630A:p.S210S	Silent	
VSCC14	chr11:64536777-64536777	G	A	*SF1*	NM_001178030:exon7:c.C1072T:p.P358S,SF1	Missense_Mutation	
VSCC14	chr11:66359995-66359995	G	C	*CCDC87*	NM_018219:exon1:c.C492G:p.L164L	Silent	

VSCC14	chr11:67838318-67838318	G	A	*CHKA*	NM_212469:exon4:c.C583T:p.R195X,CHKA	Nonsense_Mutation	
VSCC14	chr11:69063136-69063136	C	T	*MYEOV*	NM_001293294:exon2:c.C45T:p.A15A,MYEOV	Silent	
VSCC14	chr11:69063510-69063510	G	A	*MYEOV*	NM_001293294:exon2:c.G419A:p.R140Q,MYEOV	Missense_Mutation	
VSCC14	chr11:84028075-84028075	C	T	*DLG2*	NM_001206769:exon1:c.G114A:p.Q38Q	Silent	
VSCC14	chr11:92569786-92569786	G	A	*FAT3*	NM_001008781:exon15:c.G10141A:p.V3381M	Missense_Mutation	
VSCC14	chr11:96124429-96124429	G	A	*JRKL*	NM_003772:exon1:c.G616A:p.E206K,JRKL	Missense_Mutation	
VSCC14	chr11:99690461-99690461	A	G	*CNTN5*	NM_001243270:exon3:c.A242G:p.N81S,CNTN5	Missense_Mutation	
VSCC14	chr11:105795284-105795284	G	A	*GRIA4*	NM_000829:exon12:c.G1636A:p.E546K,GRIA4	Missense_Mutation	
VSCC14	chr11:112071496-112071496	G	C	*BCO2*	NM_001256398:exon5:c.G807C:p.Q269H,BCO2	Missense_Mutation	COSM3462002
VSCC14	chr11:114167425-114167425	C	G	*NNMT*	NM_006169:exon1:c.C147G:p.F49L	Missense_Mutation	COSM5051729
VSCC14	chr11:123597236-123597236	C	T	*ZNF202*	NM_001301819:exon6:c.G744A:p.E248E,ZNF202	Silent	
VSCC14	chr11:128842632-128842632	C	T	*ARHGAP32*	NM_014715:exon12:c.G2680A:p.D894N,ARHGAP32	Missense_Mutation	
VSCC14	chr11:134051000-134051000	C	G	*NCAPD3*	NM_015261:exon20:c.G2531C:p.G844A	Missense_Mutation	
VSCC14	chr12:1036070-1036070	G	C	*RAD52*	NM_001297420:exon6:c.C510G:p.L170L	Silent	
VSCC14	chr12:1036422-1036422	G	C	*RAD52*	NM_001297421:exon4:c.C125G:p.S42X,RAD52	Nonsense_Mutation	
VSCC14	chr12:8667857-8667857	G	T	*CLEC4D*	NM_080387:exon2:c.G54T:p.L18L	Silent	
VSCC14	chr12:10131582-10131582	C	T	*CLEC12A*	NM_001300730:exon2:c.C109T:p.H37Y,CLEC12A	Missense_Mutation	
VSCC14	chr12:14659173-14659173	C	T	*PLBD1*	NM_024829:exon10:c.G1402A:p.D468N	Missense_Mutation	

VSCC14	chr12:18800927-18800927	G	C	*PIK3C2G*	NM_004570:exon32:c.G4303C:p.E1435Q,PIK3C2G	Missense_Mutation	COSM1359176
VSCC14	chr12:21788572-21788572	G	A	*LDHB*	NM_001174097:exon8:c.C909T:p.S303S,LDHB	Silent	
VSCC14	chr12:40702388-40702388	C	T	*LRRK2*	NM_198578:exon29:c.C4079T:p.S1360L	Missense_Mutation	COSM4146722
VSCC14	chr12:50232522-50232522	G	A	*BCDIN3D*	NM_181708:exon2:c.C511T:p.H171Y	Missense_Mutation	
VSCC14	chr12:50358837-50358837	C	T	*AQP5*	NM_001651:exon4:c.C675T:p.L225L	Silent	COSM3999043
VSCC14	chr12:51883546-51883546	C	T	*SLC4A8*	NM_001039960:exon19:c.C2511T:p.I837I,SLC4A8	Silent	
VSCC14	chr12:54576133-54576133	C	T	*SMUG1*	NM_001243788:exon3:c.G560A:p.R187Q,SMUG1	Missense_Mutation	
VSCC14	chr12:58111675-58111675	C	G	*OS9*	NM_001261421:exon9:c.C972G:p.V324V,OS9	Silent	COSM5842648
VSCC14	chr12:69968262-69968262	C	G	*FRS2*	NM_001278357:exon7:c.C1054G:p.L352V,FRS2	Missense_Mutation	COSM4147544
VSCC14	chr12:78515983-78515983	C	G	*NAV3*	NM_001024383:exon16:c.C4013G:p.S1338C,NAV3	Missense_Mutation	
VSCC14	chr12:85450632-85450632	G	C	*LRRIQ1*	NM_001079910:exon8:c.G2061C:p.L687F	Missense_Mutation	
VSCC14	chr12:96359478-96359478	G	A	*AMDHD1*	NM_152435:exon7:c.G953A:p.R318Q	Missense_Mutation	COSM5445681
VSCC14	chr12:102224356-102224356	G	A	*GNPTAB*	NM_024312:exon1:c.C98T:p.S33F	Missense_Mutation	
VSCC14	chr12:102224445-102224445	G	A	*GNPTAB*	NM_024312:exon1:c.C9T:p.F3F	Silent	
VSCC14	chr12:109182547-109182547	C	G	*SSH1*	NM_018984:exon15:c.G2367C:p.L789L	Silent	
VSCC14	chr12:118520170-118520170	G	A	*VSIG10*	NM_019086:exon3:c.C426T:p.Y142Y	Silent	COSM3496652
VSCC14	chr12:121177221-121177221	C	T	*ACADS*	NM_000017:exon10:c.C1209T:p.A403A,ACADS	Silent	
VSCC14	chr12:121471337-121471337	G	A	*OASL*	NM_001261825:exon2:c.C408T:p.L136L,OASL	Silent	
VSCC14	chr13:20240619-20240619	G	A	*MPHOSPH8*	NM_017520:exon10:c.G2074A:p.D692N	Missense_Mutation	

VSCC14	chr13:23908034-23908034	A	G	*SACS*	NM_001278055:exon8:c.T9540C:p.A3180A,SACS	Silent	
VSCC14	chr13:45148882-45148882	C	T	*TSC22D1*	NM_001243799:exon1:c.G1329A:p.L443L,TSC22D1	Silent	
VSCC14	chr13:47269090-47269090	G	A	*LRCH1*	NM_001164211:exon9:c.G1183A:p.E395K,LRCH1	Missense_Mutation	
VSCC14	chr13:53049104-53049104	G	A	*CKAP2*	NM_001098525:exon9:c.G1880A:p.R627H,CKAP2	Missense_Mutation	
VSCC14	chr13:101720300-101720300	T	G	*NALCN*	NM_052867:exon39:c.A4416C:p.I1472I	Silent	
VSCC14	chr13:114152803-114152803	G	A	*TMCO3*	NM_017905:exon3:c.G591A:p.E197E	Silent	COSM5445461
VSCC14	chr14:22133416-22133416	A	G	*OR4E2*	NM_001001912:exon1:c.A120G:p.S40S	Silent	
VSCC14	chr14:22133997-22133997	A	G	*OR4E2*	NM_001001912:exon1:c.A701G:p.Q234R	Missense_Mutation	
VSCC14	chr14:23946490-23946490	G	C	*NGDN*	NM_001042635:exon9:c.G795C:p.M265I,NGDN	Missense_Mutation	
VSCC14	chr14:36169440-36169440	G	T	*RALGAPA1*	NM_001283044:exon17:c.C2335A:p.P779T	Missense_Mutation	
VSCC14	chr14:38679155-38679155	C	T	*SSTR1*	NM_001049:exon3:c.C561T:p.L187L	Silent	
VSCC14	chr14:60903654-60903654	G	A	*C14orf39*	NM_174978:exon18:c.C1673T:p.S558L	Missense_Mutation	COSM4740542
VSCC14	chr14:68045935-68045935	G	A	*PLEKHH1*	NM_020715:exon21:c.G2934A:p.S978S	Silent	
VSCC14	chr14:74759482-74759482	C	A	*ABCD4*	NM_005050:exon9:c.G905T:p.S302I	Missense_Mutation	
VSCC14	chr14:75142985-75142985	C	G	*AREL1*	NM_001039479:exon7:c.G691C:p.E231Q	Missense_Mutation	COSM3273238
VSCC14	chr14:75515138-75515138	C	T	*MLH3*	NM_001040108:exon2:c.G1221A:p.Q407Q,MLH3	Silent	
VSCC14	chr14:75555294-75555294	G	C	*NEK9*	NM_033116:exon20:c.C2493G:p.L831L	Silent	
VSCC14	chr14:77942001-77942001	G	T	*ISM2*	NM_199296:exon7:c.C1653A:p.A551A	Silent	

VSCC14	chr14:77942002-77942002	G	T	*ISM2*	NM_199296:exon7:c.C1652A:p.A551D	Missense_Mutation		
VSCC14	chr14:94039087-94039087	G	C	*UNC79*	NM_020818:exon16:c.G1464C:p.E488D	Missense_Mutation		
VSCC14	chr14:95910933-95910933	T	C	*SYNE3*	NM_152592:exon9:c.A1665G:p.A555A	Silent		COSM287779
VSCC14	chr15:23006262-23006262	C	G	*NIPA2*	NM_001008894:exon5:c.G985C:p.E329Q,NIPA2	Missense_Mutation		
VSCC14	chr15:42139642-42139642	C	T	*JMJD7-PLA2G4B,PLA2G4B*	NM_001114633:exon19:c.C2055T:p.S685S,JMJD7-PLA2G4B	Silent		COSM5007705
VSCC14	chr15:42702014-42702014	G	A	*CAPN3*	NM_173089:exon3:c.G27A:p.K9K,CAPN3	Silent		COSM3754959
VSCC14	chr15:48784721-48784721	C	T	*FBN1*	NM_000138:exon24:c.G2791A:p.G931R	Missense_Mutation		
VSCC14	chr15:68582417-68582417	C	T	*FEM1B*	NM_015322:exon2:c.C721T:p.H241Y	Missense_Mutation		
VSCC14	chr15:91549894-91549894	G	A	*VPS33B*	NM_001289148:exon9:c.C685T:p.R229C,VPS33B	Missense_Mutation		
VSCC14	chr15:92459648-92459648	C	T	*SLCO3A1*	NM_001145044:exon2:c.C606T:p.I202I,SLCO3A1	Silent		
VSCC14	chr15:99511724-99511724	G	C	*PGPEP1L*	NM_001102612:exon5:c.C574G:p.P192A,PGPEP1L	Missense_Mutation		
VSCC14	chr16:705658-705658	C	T	*WDR90*	NM_145294:exon16:c.C1804T:p.R602W	Missense_Mutation		
VSCC14	chr16:1416310-1416310	G	T	*UNKL*	NM_001193389:exon6:c.C480A:p.I160I,UNKL	Silent		COSM1381146
VSCC14	chr16:1470551-1470551	G	T	*C16orf91*	NM_001272051:exon2:c.C95A:p.S32Y	Missense_Mutation		
VSCC14	chr16:2338163-2338163	C	T	*ABCA3*	NM_001089:exon21:c.G2868A:p.L956L	Silent		
VSCC14	chr16:2814161-2814161	G	C	*SRRM2*	NM_016333:exon11:c.G3632C:p.R1211T	Missense_Mutation		
VSCC14	chr4:187535391-187535391	C	T	*FAT1*	NM_005245:exon12:c.G9183A:p.T3061T	Silent	*FAT1*	
VSCC14	chr16:27709664-27709664	G	T	*KIAA0556*	NM_015202:exon9:c.G956T:p.R319L	Missense_Mutation		

VSCC14	chr16:53503934-53503934	G	A	*RBL2*	NM_005611:exon15:c.G2082A:p.T694T	Silent		
VSCC14	chr16:58314433-58314433	T	C	*PRSS54*	NM_001305174:exon6:c.A586G:p.T196A,PRSS54	Missense_Mutation		
VSCC14	chr16:67719439-67719439	G	C	*GFOD2*	NM_001243650:exon2:c.C180G:p.I60M,GFOD2	Missense_Mutation		
VSCC14	chr16:70578423-70578423	G	A	*SF3B3*	NM_012426:exon10:c.G1316A:p.R439K	Missense_Mutation		COSM3755579
VSCC14	chr16:77323210-77323210	C	T	*ADAMTS18*	NM_199355:exon22:c.G3501A:p.P1167P	Silent		COSM4816475
VSCC14	chr4:187541689-187541689	G	C	*FAT1*	NM_005245:exon10:c.C6051G:p.L2017L	Silent	*FAT1*	
VSCC14	chr17:1630111-1630111	G	C	*WDR81*	NM_001163809:exon1:c.G1858C:p.E620Q	Missense_Mutation		COSM3755957
VSCC14	chr17:1640709-1640709	C	T	*WDR81*	NM_001163673:exon10:c.C1947T:p.T649T,WDR81	Silent		COSM3388283
VSCC14	chr17:1673276-1673276	C	T	*SERPINF1*	NM_002615:exon3:c.C215T:p.T72M	Missense_Mutation		
VSCC14	chr17:4803571-4803571	G	C	*C17orf107*	NM_001145536:exon3:c.G316C:p.D106H	Missense_Mutation		
VSCC14	chr17:4881800-4881800	G	A	*CAMTA2*	NM_001171166:exon9:c.C1770T:p.P590P,CAMTA2	Silent		
VSCC14	chr17:36484529-36484529	C	A	*GPR179*	NM_001004334:exon11:c.G4923T:p.Q1641H	Missense_Mutation		
VSCC14	chr17:36623305-36623305	G	A	*ARHGAP23*	NM_001199417:exon7:c.G1381A:p.E461K	Missense_Mutation		COSM4991160
VSCC14	chr17:39034540-39034540	C	G	*KRT20*	NM_019010:exon6:c.G996C:p.L332F	Missense_Mutation		
VSCC14	chr17:40823026-40823026	G	T	*PLEKHH3*	NM_024927:exon9:c.C1407A:p.L469L	Silent		COSM1559502
VSCC14	chr17:42429130-42429130	G	A	*GRN*	NM_002087:exon10:c.G1146A:p.T382T	Silent		
VSCC14	chr17:42476409-42476409	G	A	*GPATCH8*	NM_001304943:exon5:c.C2802T:p.H934H,GPATCH8	Silent		
VSCC14	chr17:48156607-48156607	C	G	*ITGA3*	NM_002204:exon20:c.C2568G:p.L856L	Silent		

VSCC14	chr17:77042718-77042718	C	T	*C1QTNF1*	NM_030968:exon3:c.C237T:p.P79P,C1QTNF1	Silent		
VSCC14	chr17:78971075-78971075	C	T	*CHMP6*	NM_024591:exon6:c.C429T:p.L143L	Silent		
VSCC14	chr18:6093493-6093493	T	C	*L3MBTL4*	NM_173464:exon15:c.A1234G:p.K412E	Missense_Mutation		
VSCC14	chr18:11824986-11824986	G	A	*GNAL*	NM_182978:exon5:c.G694A:p.E232K,GNAL	Missense_Mutation		
VSCC14	chr18:14105547-14105547	C	T	*ZNF519*	NM_145287:exon3:c.G992A:p.R331K	Missense_Mutation		COSM3756721
VSCC14	chr4:126239348-126239348	G	A	*FAT4*	NM_001291285:exon1:c.G1782A:p.E594E,FAT4	Silent	*FAT4*	
VSCC14	chr18:25593754-25593754	C	T	*CDH2*	NM_001308176:exon2:c.G199A:p.E67K,CDH2	Missense_Mutation		COSM1711621
VSCC14	chr18:44140396-44140396	C	T	*LOXHD1*	NM_144612:exon19:c.G2711A:p.R904Q	Missense_Mutation		
VSCC14	chr18:55104016-55104016	T	C	*ONECUT2*	NM_004852:exon1:c.T1068C:p.F356F	Silent		
VSCC14	chr18:56819783-56819783	G	A	*SEC11C*	NM_001307941:exon3:c.G213A:p.P71P,SEC11C	Silent		
VSCC14	chr18:72021490-72021490	C	A	*C18orf63*	NM_001174123:exon12:c.C1988A:p.S663Y	Missense_Mutation		
VSCC14	chr18:72114181-72114181	C	T	*FAM69C*	NM_001044369:exon2:c.G536A:p.R179H	Missense_Mutation		
VSCC14	chr18:77918344-77918344	G	A	*PARD6G*	NM_032510:exon3:c.C441T:p.I147I	Silent		
VSCC14	chr19:1011404-1011404	G	A	*TMEM259*	NM_001033026:exon9:c.C1179T:p.I393I,TMEM259	Silent		
VSCC14	chr19:1806677-1806677	C	T	*ATP8B3*	NM_001178002:exon7:c.G468A:p.K156K,ATP8B3	Silent		COSM123131
VSCC14	chr19:2042657-2042657	G	A	*MKNK2*	NM_017572:exon9:c.C603T:p.I201I,MKNK2	Silent		
VSCC14	chr19:3831525-3831525	C	A	*ZFR2*	NM_015174:exon5:c.G628T:p.V210L	Missense_Mutation		
VSCC14	chr19:3964318-3964318	G	A	*DAPK3*	NM_001348:exon4:c.C477T:p.L159L	Silent		

VSCC14	chr19:4283170-4283170	G	A	*SHD*	NM_020209:exon3:c.G523A:p.E175K	Missense_Mutation	COSM447499
VSCC14	chr19:4327313-4327313	C	T	*STAP2*	NM_001013841:exon7:c.G660A:p.P220P,STAP2	Silent	
VSCC14	chr19:6741089-6741089	C	G	*TRIP10*	NM_001288962:exon2:c.C93G:p.F31L,TRIP10	Missense_Mutation	
VSCC14	chr19:7704643-7704643	G	A	*STXBP2*	NM_001127396:exon4:c.G196A:p.E66K,STXBP2	Missense_Mutation	COSM3756502
VSCC14	chr19:9225976-9225976	T	A	*OR7G1*	NM_001005192:exon1:c.A464T:p.D155V	Missense_Mutation	
VSCC14	chr19:10270708-10270708	C	G	*DNMT1*	NM_001379:exon14:c.G1027C:p.V343L,DNMT1	Missense_Mutation	COSM1750802
VSCC14	chr19:10570165-10570165	G	A	*PDE4A*	NM_006202:exon4:c.G474A:p.M158I,PDE4A	Missense_Mutation	
VSCC14	chr19:10577764-10577764	G	C	*PDE4A*	NM_006202:exon10:c.G1411C:p.E471Q,PDE4A	Missense_Mutation	
VSCC14	chr19:10670161-10670161	C	T	*KRI1*	NM_023008:exon12:c.G1086A:p.L362L	Silent	
VSCC14	chr19:10679248-10679248	G	A	*CDKN2D*	NM_001800:exon1:c.C82T:p.L28L,CDKN2D	Silent	COSM3756747
VSCC14	chr19:10690430-10690430	C	T	*AP1M2*	NM_001300887:exon7:c.G784A:p.G262S,AP1M2	Missense_Mutation	
VSCC14	chr19:17295715-17295715	G	C	*MYO9B*	NM_001130065:exon17:c.G2415C:p.M805I,MYO9B	Missense_Mutation	
VSCC14	chr19:17664203-17664203	C	T	*FAM129C*	NM_173544:exon16:c.C1925T:p.S642F	Missense_Mutation	COSM5445694
VSCC14	chr19:18499422-18499422	C	G	*GDF15*	NM_004864:exon2:c.C604G:p.H202D	Missense_Mutation	
VSCC14	chr19:30935443-30935443	C	T	*ZNF536*	NM_014717:exon2:c.C974T:p.T325M	Missense_Mutation	COSM3107258
VSCC14	chr19:33183291-33183291	G	A	*NUDT19*	NM_001105570:exon1:c.G425A:p.R142Q	Missense_Mutation	
VSCC14	chr19:35524755-35524755	G	A	*SCN1B*	NM_199037:exon3:c.G560A:p.R187H	Missense_Mutation	
VSCC14	chr19:36244048-36244048	C	T	*LIN37*	NM_019104:exon6:c.C338T:p.T113M	Missense_Mutation	

VSCC14	chr19:36370307-36370307	G	A	*APLP1*	NM_001024807:exon17:c.G1920A:p.E640E,APLP1	Silent	
VSCC14	chr19:38861333-38861333	G	A	*CATSPERG*	NM_021185:exon29:c.G3381A:p.P1127P	Silent	
VSCC14	chr19:41711874-41711874	C	T	*CYP2S1*	NM_030622:exon8:c.C1176T:p.V392V	Silent	
VSCC14	chr19:45162101-45162101	C	T	*PVR*	NM_001135770:exon6:c.C1083T:p.I361I,PVR	Silent	COSM723162
VSCC14	chr19:47865911-47865911	A	G	*DHX34*	NM_014681:exon6:c.A1554G:p.P518P	Silent	
VSCC14	chr19:47876943-47876943	C	T	*DHX34*	NM_014681:exon9:c.C2050T:p.R684W	Missense_Mutation	
VSCC14	chr19:48869139-48869139	G	A	*SYNGR4*	NM_012451:exon2:c.G40A:p.E14K	Missense_Mutation	
VSCC14	chr19:50093166-50093166	C	T	*PRRG2*	NM_000951:exon6:c.C447T:p.L149L,PRRG2	Silent	
VSCC14	chr19:56052541-56052541	C	T	*SBK3*	NM_001199824:exon4:c.G751A:p.E251K	Missense_Mutation	
VSCC14	chr19:56443383-56443383	C	T	*NLRP13*	NM_176810:exon1:c.G295A:p.E99K	Missense_Mutation	
VSCC14	chr19:58574934-58574934	G	A	*ZNF135*	NM_001164527:exon3:c.G317A:p.R106K	Missense_Mutation	
VSCC14	chr20:5963736-5963736	G	A	*MCM8*	NM_001281522:exon13:c.G1517A:p.R506K,MCM8	Missense_Mutation	
VSCC14	chr20:23028960-23028960	G	A	*THBD*	NM_000361:exon1:c.C1182T:p.F394F	Silent	
VSCC14	chr20:30610466-30610466	G	A	*CCM2L*	NM_080625:exon6:c.G937A:p.A313T	Missense_Mutation	
VSCC14	chr20:31829242-31829242	G	C	*BPIFA1*	NM_001243193:exon6:c.G633C:p.L211F,BPIFA1	Missense_Mutation	
VSCC14	chr20:33337807-33337807	G	A	*NCOA6*	NM_001242539:exon9:c.C2191T:p.Q731X,NCOA6	Nonsense_Mutation	
VSCC14	chr20:34061288-34061288	G	C	*CEP250*	NM_007186:exon13:c.G1299C:p.L433F	Missense_Mutation	
VSCC14	chr20:44044866-44044866	G	A	*PIGT*	NM_001184728:exon1:c.G70A:p.E24K,PIGT	Missense_Mutation	

VSCC14	chr20:44697266-44697266	G	A	*NCOA5*	NM_020967:exon4:c.C377T:p.S126F	Missense_Mutation		COSM3759249
VSCC14	chr20:45918980-45918980	G	A	*ZMYND8*	NM_001281771:exon7:c.C624T:p.F208F,ZMYND8	Silent		COSM3842878
VSCC14	chr20:55048427-55048427	C	T	*RTFDC1*	NM_001283036:exon2:c.C140T:p.P47L,RTFDC1	Missense_Mutation		COSM5426207
VSCC14	chr20:57415659-57415659	C	G	*GNAS*	NM_016592:exon1:c.C498G:p.L166L	Silent	*GNAS*	COSM3759486
VSCC14	chr20:60511860-60511860	C	T	*CDH4*	NM_001252338:exon15:c.C2499T:p.Y833Y,CDH4	Silent		
VSCC14	chr20:61512223-61512223	G	A	*DIDO1*	NM_001193369:exon16:c.C5085T:p.L1695L,DIDO1	Silent		
VSCC14	chr20:62340238-62340238	G	A	*ZGPAT*	NM_001083113:exon2:c.G306A:p.E102E,ZGPAT	Silent		
VSCC14	chr20:62729661-62729661	C	T	*OPRL1*	NM_000913:exon4:c.C622T:p.Q208X,OPRL1	Nonsense_Mutation		
VSCC14	chr21:34956969-34956969	C	G	*DONSON*	NM_017613:exon4:c.G712C:p.D238H	Missense_Mutation		
VSCC14	chr22:21407700-21407700	C	T	*LRRC74B*	NM_001291006:exon6:c.C784T:p.P262S	Missense_Mutation		
VSCC14	chr22:44681612-44681612	A	G	*KIAA1644*	NM_001099294:exon4:c.T295C:p.L99L	Silent		
VSCC14	chr22:46859789-46859789	G	C	*CELSR1*	NM_014246:exon2:c.C3998G:p.S1333C	Missense_Mutation		COSM756478
VSCC14	chrX:3241050-3241050	G	A	*MXRA5*	NM_015419:exon5:c.C2676T:p.S892S	Silent		
VSCC14	chrX:3241791-3241791	G	A	*MXRA5*	NM_015419:exon5:c.C1935T:p.D645D	Silent		
VSCC14	chrX:9622307-9622307	G	A	*TBL1X*	NM_001139467:exon4:c.G3A:p.M1I,TBL1X	Missense_Mutation		
VSCC14	chrX:10535195-10535195	C	T	*MID1*	NM_001193278:exon1:c.G393A:p.V131V,MID1	Silent		
VSCC14	chrX:12725742-12725742	G	A	*FRMPD4*	NM_014728:exon13:c.G1442A:p.R481Q	Missense_Mutation		
VSCC14	chrX:17743566-17743566	C	T	*NHS*	NM_001291868:exon6:c.C746T:p.S249F,NHS	Missense_Mutation		COSM4855604

VSCC14	chrX:19983442-19983442	C	G	*CXorf23*	NM_198279:exon3:c.G994C:p.E332Q	Missense_Mutation	
VSCC14	chrX:20148666-20148666	C	T	*EIF1AX*	NM_001412:exon6:c.G397A:p.D133N	Missense_Mutation	COSM3759331
VSCC14	chrX:23411776-23411776	C	T	*PTCHD1*	NM_173495:exon3:c.C2141T:p.S714L	Missense_Mutation	
VSCC14	chrX:24197618-24197618	C	A	*ZFX*	NM_001178084:exon3:c.C377A:p.S126X,ZFX	Nonsense_Mutation	COSM3681570
VSCC14	chrX:37518870-37518870	G	A	*LANCL3*	NM_001170331:exon3:c.G853A:p.E285K,LANCL3	Missense_Mutation	
VSCC14	chrX:41029431-41029431	G	A	*USP9X*	NM_001039590:exon19:c.G2820A:p.L940L,USP9X	Silent	
VSCC14	chrX:49098528-49098528	C	T	*CCDC22*	NM_014008:exon3:c.C275T:p.P92L	Missense_Mutation	
VSCC14	chrX:54987270-54987270	G	A	*PFKFB1*	NM_001271805:exon2:c.C109T:p.L37L,PFKFB1	Silent	
VSCC14	chrX:69283116-69283116	G	C	*OTUD6A*	NM_207320:exon1:c.G742C:p.E248Q	Missense_Mutation	
VSCC14	chrX:100541591-100541591	C	T	*TAF7L*	NM_001168474:exon3:c.G117A:p.M39I,TAF7L	Missense_Mutation	
VSCC14	chrX:100880156-100880156	G	A	*ARMCX3*	NM_016607:exon5:c.G187A:p.D63N,ARMCX3	Missense_Mutation	COSM1579432
VSCC14	chrX:114424148-114424148	G	A	*RBMXL3*	NM_001145346:exon1:c.G144A:p.S48S	Silent	COSM3396095
VSCC14	chrX:128692624-128692624	G	C	*OCRL*	NM_000276:exon7:c.G454C:p.E152Q,OCRL	Missense_Mutation	
VSCC14	chrX:132161755-132161755	A	G	*USP26*	NM_031907:exon1:c.T494C:p.L165S	Missense_Mutation	
VSCC14	chrX:138697188-138697188	G	C	*MCF2*	NM_001171877:exon9:c.C1098G:p.L366L,MCF2	Silent	
VSCC14	chrX:152159412-152159412	G	C	*PNMA5*	NM_001103150:exon2:c.C731G:p.S244C,PNMA5	Missense_Mutation	
VSCC14	chrX:153236195-153236195	G	A	*HCFC1*	NM_005334:exon1:c.C97T:p.R33C	Missense_Mutation	
VSCC14	chrX:154261820-154261820	C	T	*FUNDC2*	NM_023934:exon2:c.C276T:p.V92V	Silent	COSM5503033

VSCC14	chr16:9916274-9916274	C	G	*GRIN2A*	NM_001134407:exon10:c.G2015C:p.R672T,GRIN2A	Missense_Mutation	*GRIN2A*	
VSCC14	chr8:42865534-42865534	G	C	*HOOK3*	NM_032410:exon19:c.G1825C:p.E609Q	Missense_Mutation	*HOOK3*	
VSCC14	chr19:10602885-10602885	G	A	*KEAP1*	NM_012289:exon3:c.C693T:p.L231L,KEAP1	Silent	*KEAP1*	
VSCC14	chr5:176721198-176721198	T	C	*NSD1*	NM_022455:exon23:c.T6829C:p.L2277L,NSD1	Silent	*NSD1*	
VSCC14	chr19:14211675-14211675	C	G	*PRKACA*	NM_001304349:exon5:c.G610C:p.E204Q,PRKACA	Missense_Mutation	*PRKACA*	
VSCC14	chr2:109382170-109382170	A	G	*RANBP2*	NM_006267:exon20:c.A5175G:p.E1725E	Silent	*RANBP2*	COSM127542
VSCC14	chr17:78325539-78325539	C	T	*RNF213*	NM_001256071:exon32:c.C10239T:p.F3413F	Silent	*RNF213*	
VSCC14	chr17:30325985-30325985	C	G	*SUZ12*	NM_015355:exon16:c.C2183G:p.S728X	Nonsense_Mutation	*SUZ12*	
VSCC14	chr4:106157728-106157728	G	C	*TET2*	NM_001127208:exon3:c.G2629C:p.D877H,TET2	Missense_Mutation	*TET2*	
VSCC14	chr9:135781372-135781372	C	T	*TSC1*	NM_001162427:exon14:c.G1440A:p.V480V,TSC1	Silent	*TSC1*	
VSCC14	chr18:22806915-22806915	C	G	*ZNF521*	NM_001308225:exon3:c.G307C:p.E103Q,ZNF521	Missense_Mutation	*ZNF521*	
VSCC14	chr5:156479558-156479572	TTGGAACAGTCGTCA	-	*HAVCR1*	NM_012206:exon3:c.473_487del:p.158_163del,HAVCR1	In_Frame_Del		
VSCC14	chr11:6411936-6411941	GCTGGC	-	*SMPD1*	NM_000543:exon1:c.108_113del:p.36_38del,SMPD1	In_Frame_Del		
VSCC14	chr19:41173893-41173898	TGCTGT	-	*NUMBL*	NM_001289979:exon9:c.1182_1187del:p.394_396del,NUMBL	In_Frame_Del		
VSCC15	chr3:46501149-46501149	A	C	*LTF*	NM_001199149:exon2:c.T72G:p.I24M,LTF	Missense_Mutation		
VSCC15	chr5:169310459-169310459	A	C	*FAM196B*	NM_001129891:exon2:c.T444G:p.L148L	Silent		
VSCC15	chr19:38797565-38797565	A	C	*YIF1B*	NM_001145463:exon8:c.T846G:p.G282G	Silent		
VSCC15	chr3:131261423-131261423	A	G	*CPNE4*	NM_001289112:exon15:c.T1571C:p.V524A,CPNE4	Missense_Mutation		

VSCC15	chr8:103573033-103573033	A	G	*ODF1*	NM_024410:exon2:c.A674G:p.N225S	Missense_Mutation	
VSCC15	chr12:7917942-7917942	A	G	*NANOGNB*	NM_001145465:exon1:c.A61G:p.R21G	Missense_Mutation	
VSCC15	chr19:50461940-50461940	A	G	*SIGLEC11*	NM_001135163:exon7:c.T1323C:p.P441P,SIGLEC11	Silent	
VSCC15	chr19:36221450-36221450	A	T	*KMT2B*	NM_014727:exon25:c.A5209T:p.I1737F	Missense_Mutation	
VSCC15	chr3:195486080-195486080	C	A	*MUC4*	NM_138297:exon15:c.G2040T:p.G680G,MUC4	Silent	
VSCC15	chr5:54965698-54965698	C	A	*SLC38A9*	NM_001258286:exon3:c.G67T:p.D23Y,SLC38A9	Missense_Mutation	
VSCC15	chr5:140223297-140223297	C	A	*PCDHA8*	NM_018911:exon1:c.C2391A:p.L797L,PCDHA8	Silent	
VSCC15	chr5:148408072-148408072	C	A	*SH3TC2*	NM_024577:exon11:c.G1223T:p.W408L	Missense_Mutation	
VSCC15	chr9:19516295-19516295	C	A	*SLC24A2*	NM_001193288:exon9:c.G1791T:p.L597L,SLC24A2	Silent	
VSCC15	chrX:153660741-153660741	C	A	*ATP6AP1*	NM_001183:exon4:c.C493A:p.R165R	Silent	
VSCC15	chr1:115144766-115144766	C	G	*DENND2C*	NM_198459:exon9:c.G1546C:p.G516R,DENND2C	Missense_Mutation	
VSCC15	chr1:161132430-161132430	C	G	*USP21*	NM_012475:exon5:c.C807G:p.L269L,USP21	Silent	
VSCC15	chr1:230933954-230933954	C	G	*CAPN9*	NM_016452:exon18:c.C1956G:p.L652L,CAPN9	Silent	
VSCC15	chr4:40440226-40440226	C	G	*RBM47*	NM_019027:exon3:c.G685C:p.D229H,RBM47	Missense_Mutation	
VSCC15	chr9:34290330-34290330	C	G	*KIF24*	NM_194313:exon5:c.G969C:p.M323I	Missense_Mutation	
VSCC15	chr9:71840248-71840248	C	G	*TJP2*	NM_001170415:exon6:c.C993G:p.I331M,TJP2	Missense_Mutation	
VSCC15	chr11:6662229-6662229	C	G	*DCHS1*	NM_003737:exon2:c.G616C:p.E206Q	Missense_Mutation	COSM4966878
VSCC15	chr15:43102856-43102856	C	G	*TTBK2*	NM_173500:exon9:c.G778C:p.D260H	Missense_Mutation	

VSCC15	chr15:52548913-52548913	C	G	*MYO5C*	NM_018728:exon11:c.G1318C:p.E440Q	Missense_Mutation		
VSCC15	chr15:63935220-63935220	C	G	*HERC1*	NM_003922:exon59:c.G11369C:p.G3790A	Missense_Mutation		
VSCC15	chr19:7677147-7677147	C	G	*CAMSAP3*	NM_020902:exon11:c.C1768G:p.P590A,CAMSAP3	Missense_Mutation		COSM415348
VSCC15	chr19:17113098-17113098	C	G	*CPAMD8*	NM_015692:exon9:c.G877C:p.E293Q	Missense_Mutation		
VSCC15	chr19:17394462-17394462	C	G	*ANKLE1*	NM_001278443:exon5:c.C1018G:p.L340V,ANKLE1	Missense_Mutation		COSM1128432
VSCC15	chr19:42510889-42510889	C	G	*GRIK5*	NM_001301030:exon15:c.G1945C:p.E649Q,GRIK5	Missense_Mutation		
VSCC15	chr2:178096619-178096619	C	G	*NFE2L2*	NM_001313902:exon4:c.G622C:p.E208Q,NFE2L2	Missense_Mutation	*NFE2L2*	
VSCC15	chr19:14626848-14626848	C	T	*DNAJB1*	NM_001300914:exon3:c.G627A:p.E209E,DNAJB1	Silent	*DNAJB1*	
VSCC15	chr4:187518169-187518169	C	T	*FAT1*	NM_005245:exon25:c.G12525A:p.W4175X	Nonsense_Mutation	*FAT1*	
VSCC15	chr1:205814465-205814465	C	T	*PM20D1*	NM_152491:exon3:c.G477A:p.K159K	Silent		
VSCC15	chr2:87013070-87013070	C	T	*CD8A*	NM_171827:exon5:c.G570A:p.K190K,CD8A	Silent		
VSCC15	chr3:49063786-49063786	C	T	*IMPDH2*	NM_000884:exon9:c.G977A:p.G326E	Missense_Mutation		
VSCC15	chr3:51387761-51387761	C	T	*DOCK3*	NM_004947:exon40:c.C4045T:p.R1349C	Missense_Mutation		
VSCC15	chr3:81548316-81548316	C	T	*GBE1*	NM_000158:exon15:c.G1997A:p.S666N	Missense_Mutation		
VSCC15	chr3:169524687-169524687	C	T	*LRRC34*	NM_001172779:exon5:c.G477A:p.M159I,LRRC34	Missense_Mutation		COSM4541938
VSCC15	chr4:107258141-107258141	C	T	*AIMP1*	NM_001142415:exon6:c.C719T:p.A240V,AIMP1	Missense_Mutation		COSM5484551
VSCC15	chr5:108281916-108281916	C	T	*FER*	NM_001308031:exon2:c.C215T:p.S72F,FER	Missense_Mutation		
VSCC15	chr8:72184069-72184069	C	T	*EYA1*	NM_172060:exon8:c.G791A:p.R264Q,EYA1	Missense_Mutation		

VSCC15	chr8:133187745-133187745	C	T	*KCNQ3*	NM_001204824:exon5:c.G528A:p.M176I,KCNQ3	Missense_Mutation		
VSCC15	chr9:84267172-84267172	C	T	*TLE1*	NM_001303103:exon6:c.G329A:p.R110H,TLE1	Missense_Mutation		
VSCC15	chr10:50819656-50819656	C	T	*SLC18A3*	NM_003055:exon1:c.C870T:p.Y290Y	Silent		
VSCC15	chr11:18387412-18387412	C	T	*GTF2H1*	NM_005316:exon15:c.C1643T:p.T548M,GTF2H1	Missense_Mutation		
VSCC15	chr11:57798927-57798927	C	T	*OR6Q1*	NM_001005186:exon1:c.C503T:p.S168F	Missense_Mutation		
VSCC15	chr11:109294575-109294575	C	T	*C11orf87*	NM_207645:exon2:c.C216T:p.F72F	Silent		COSM1254337
VSCC15	chr12:64377792-64377792	C	T	*SRGAP1*	NM_020762:exon2:c.C133T:p.L45F	Missense_Mutation		COSM4388281
VSCC15	chr13:102250584-102250584	C	T	*ITGBL1*	NM_001271754:exon6:c.C527T:p.T176M,ITGBL1	Missense_Mutation		
VSCC15	chr14:59789628-59789628	C	T	*DAAM1*	NM_014992:exon5:c.C459T:p.I153I,DAAM1	Silent		
VSCC15	chr16:20422825-20422825	C	T	*ACSM5*	NM_017888:exon2:c.C19T:p.H7Y	Missense_Mutation		
VSCC15	chr17:29187544-29187544	C	T	*ATAD5*	NM_024857:exon10:c.C3050T:p.S1017L	Missense_Mutation		COSM4957837
VSCC15	chr18:54291550-54291550	C	T	*TXNL1*	NM_004786:exon3:c.G338A:p.S113N	Missense_Mutation		
VSCC15	chr18:78005224-78005224	C	T	*PARD6G*	NM_032510:exon1:c.G8A:p.R3Q	Missense_Mutation		
VSCC15	chr20:48808256-48808256	C	T	*CEBPB*	NM_001285878:exon1:c.C617T:p.S206L,CEBPB	Missense_Mutation		
VSCC15	chrX:71521765-71521765	C	T	*CITED1*	NM_001144886:exon3:c.G390A:p.A130A,CITED1	Silent		
VSCC15	chrX:154129688-154129688	C	T	*F8*	NM_000132:exon20:c.G6145A:p.G2049R	Missense_Mutation		
VSCC15	chr11:46332704-46332704	G	A	*CREB3L1*	NM_052854:exon5:c.G717A:p.T239T	Silent	*CREB3L1*	
VSCC15	chr1:151508275-151508275	G	A	*CGN*	NM_020770:exon18:c.G3098A:p.R1033Q	Missense_Mutation		

VSCC15	chr2:47797260-47797260	G	A	*KCNK12*	NM_022055:exon1:c.C211T:p.R71C	Missense_Mutation	
VSCC15	chr2:74642035-74642035	G	A	*C2orf81*	NM_001316766:exon2:c.C984T:p.L328L,C2orf81	Silent	COSM3815639
VSCC15	chr2:210694093-210694093	G	A	*UNC80*	NM_032504:exon15:c.G2616A:p.P872P,UNC80	Silent	
VSCC15	chr2:217340008-217340008	G	A	*SMARCAL1*	NM_001127207:exon15:c.G2261A:p.R754H,SMARCAL1	Missense_Mutation	
VSCC15	chr3:189038543-189038543	G	A	*TPRG1*	NM_198485:exon6:c.G762A:p.L254L	Silent	COSM5499309
VSCC15	chr4:6304108-6304108	G	A	*WFS1*	NM_001145853:exon8:c.G2586A:p.K862K,WFS1	Silent	
VSCC15	chr4:68442940-68442940	G	A	*STAP1*	NM_012108:exon4:c.G326A:p.G109E	Missense_Mutation	
VSCC15	chr4:83839109-83839109	G	A	*THAP9*	NM_024672:exon5:c.G1744A:p.E582K	Missense_Mutation	COSM404119
VSCC15	chr5:24535262-24535262	G	A	*CDH10*	NM_001317224:exon4:c.C773T:p.T258M,CDH10	Missense_Mutation	COSM161187
VSCC15	chr5:147863871-147863871	G	A	*HTR4*	NM_001040173:exon6:c.C1148T:p.S383L	Missense_Mutation	
VSCC15	chr7:94034044-94034044	G	A	*COL1A2*	NM_000089:exon8:c.G364A:p.E122K	Missense_Mutation	COSM480
VSCC15	chr9:96847646-96847646	G	A	*PTPDC1*	NM_001253829:exon2:c.G358A:p.E120K,PTPDC1	Missense_Mutation	COSM120006
VSCC15	chr9:138645822-138645822	G	A	*KCNT1*	NM_001272003:exon4:c.G330A:p.S110S,KCNT1	Silent	
VSCC15	chr10:13629098-13629098	G	A	*PRPF18*	NM_003675:exon1:c.G12A:p.L4L	Silent	
VSCC15	chr10:125805631-125805631	G	A	*CHST15*	NM_001270764:exon2:c.C98T:p.A33V,CHST15	Missense_Mutation	
VSCC15	chr11:1092999-1092999	G	A	*MUC2*	NM_002457:exon30:c.G4818A:p.T1606T	Silent	
VSCC15	chr11:6643897-6643897	G	A	*DCHS1*	NM_003737:exon21:c.C9010T:p.H3004Y	Missense_Mutation	
VSCC15	chr11:36248978-36248978	G	A	*LDLRAD3*	NM_001304263:exon4:c.G651A:p.Q217Q,LDLRAD3	Silent	

VSCC15	chr11:59807960-59807960	G	A	*OOSP2*	NM_173801:exon1:c.G28A:p.A10T	Missense_Mutation		
VSCC15	chr11:65988142-65988142	G	A	*PACS1*	NM_018026:exon9:c.G1079A:p.R360Q	Missense_Mutation		
VSCC15	chr14:68157084-68157084	G	A	*RDH11*	NM_016026:exon5:c.C509T:p.S170L	Missense_Mutation		
VSCC15	chr14:99959023-99959023	G	A	*CCNK*	NM_001099402:exon2:c.G9A:p.E3E	Silent		COSM3762959
VSCC15	chr16:30779754-30779754	G	A	*RNF40*	NM_001207034:exon11:c.G1582A:p.A528T,RNF40	Missense_Mutation		
VSCC15	chr17:47925365-47925365	G	A	*TAC4*	NM_001077503:exon1:c.C15T:p.L5L,TAC4	Silent		
VSCC15	chr17:48668797-48668797	G	A	*CACNA1G*	NM_001256324:exon11:c.G2455A:p.V819M,CACNA1G	Missense_Mutation		
VSCC15	chr17:79219452-79219452	G	A	*SLC38A10*	NM_001037984:exon16:c.C3264T:p.A1088A	Silent		
VSCC15	chr18:9221985-9221985	G	A	*ANKRD12*	NM_001083625:exon7:c.G862A:p.E288K,ANKRD12	Missense_Mutation		
VSCC15	chrX:37028209-37028209	G	A	*FAM47C*	NM_001013736:exon1:c.G1726A:p.D576N	Missense_Mutation		
VSCC15	chrX:153928296-153928296	G	A	*GAB3*	NM_001081573:exon5:c.C1108T:p.R370W,GAB3	Missense_Mutation		
VSCC15	chr7:151949693-151949693	G	A	*KMT2C*	NM_170606:exon10:c.C1407T:p.F469F	Silent	*KMT2C*	
VSCC15	chr17:7577539-7577539	G	A	*TP53*	NM_001126115:exon3:c.C346T:p.R116W,TP53	Missense_Mutation	*TP53*	
VSCC15	chr7:98548550-98548550	G	A	*TRRAP*	NM_003496:exon37:c.G5311A:p.E1771K,TRRAP	Missense_Mutation	*TRRAP*	
VSCC15	chr8:103424438-103424438	G	A	*UBR5*	NM_001282873:exon1:c.C25T:p.H9Y,UBR5	Missense_Mutation	*UBR5*	
VSCC15	chr19:18864392-18864392	G	C	*CRTC1*	NM_015321:exon6:c.G621C:p.K207N,CRTC1	Missense_Mutation	*CRTC1*	
VSCC15	chr2:131520831-131520831	G	C	*AMER3*	NM_001105193:exon2:c.G1186C:p.E396Q,AMER3	Missense_Mutation		
VSCC15	chr2:234358641-234358641	G	C	*DGKD*	NM_003648:exon15:c.G1770C:p.Q590H,DGKD	Missense_Mutation		

VSCC15	chr4:90816739-90816739	G	C	*MMRN1*	NM_007351:exon1:c.G617C:p.R206T	Missense_Mutation	
VSCC15	chr5:74017518-74017518	G	C	*GFM2*	NM_170691:exon20:c.C2161G:p.Q721E,GFM2	Missense_Mutation	
VSCC15	chr8:37794853-37794853	G	C	*GOT1L1*	NM_152413:exon4:c.C461G:p.S154C	Missense_Mutation	
VSCC15	chr8:103573037-103573037	G	C	*ODF1*	NM_024410:exon2:c.G678C:p.P226P	Silent	
VSCC15	chr8:124714948-124714948	G	C	*ANXA13*	NM_004306:exon3:c.C120G:p.I40M,ANXA13	Missense_Mutation	
VSCC15	chr8:145058924-145058924	G	C	*PARP10*	NM_032789:exon5:c.C1246G:p.P416A	Missense_Mutation	
VSCC15	chr9:4706017-4706017	G	C	*CDC37L1*	NM_017913:exon7:c.G919C:p.D307H	Missense_Mutation	
VSCC15	chr9:35560063-35560063	G	C	*RUSC2*	NM_001135999:exon10:c.G3426C:p.L1142L,RUSC2	Silent	
VSCC15	chr10:70863813-70863813	G	C	*SRGN*	NM_002727:exon3:c.G414C:p.R138S	Missense_Mutation	
VSCC15	chr10:75535384-75535384	G	C	*FUT11*	NM_173540:exon3:c.G1420C:p.E474Q	Missense_Mutation	
VSCC15	chr11:45245922-45245922	G	C	*PRDM11*	NM_001256695:exon7:c.G897C:p.K299N,PRDM11	Missense_Mutation	
VSCC15	chr12:46320143-46320143	G	C	*SCAF11*	NM_004719:exon11:c.C3341G:p.S1114C	Missense_Mutation	
VSCC15	chr14:92349337-92349337	G	C	*FBLN5*	NM_006329:exon8:c.C823G:p.P275A	Missense_Mutation	
VSCC15	chr16:88499194-88499194	G	C	*ZNF469*	NM_001127464:exon2:c.G5232C:p.Q1744H	Missense_Mutation	COSM1400913
VSCC15	chr21:44841623-44841623	G	C	*SIK1*	NM_173354:exon5:c.C394G:p.Q132E	Missense_Mutation	
VSCC15	chr1:67155939-67155939	G	T	*SGIP1*	NM_001308203:exon14:c.G913T:p.E305X,SGIP1	Nonsense_Mutation	
VSCC15	chr1:186055395-186055395	G	T	*HMCN1*	NM_031935:exon58:c.G8902T:p.G2968C	Missense_Mutation	
VSCC15	chr12:16516738-16516738	G	T	*MGST1*	NM_001260511:exon4:c.G231T:p.L77L,MGST1	Silent	

VSCC15	chr14:23502602-23502602	G	T	*PSMB5*	NM_001130725:exon2:c.C171A:p.I57I,PSMB5	Silent		COSM2153606
VSCC15	chr14:24975734-24975734	G	T	*CMA1*	NM_001836:exon3:c.C286A:p.Q96K	Missense_Mutation		
VSCC15	chr8:67590068-67590068	T	C	*C8orf44*	NM_019607:exon2:c.T125C:p.M42T	Missense_Mutation		
VSCC15	chr11:55433324-55433324	T	C	*OR4C6*	NM_001004704:exon1:c.T682C:p.S228P	Missense_Mutation		
VSCC15	chr8:31497799-31497799	-	GGC	*NRG1*	NM_013962:exon1:c.299_300insGGC:p.K100delinsKA	In_Frame_Ins	*NRG1*	
VSCC15	chr6:1611802-1611802	-	GGC	*FOXC1*	NM_001453:exon1:c.1122_1123insGGC:p.S374delinsSG	In_Frame_Ins		
VSCC15	chr19:14584399-14584408	GAGGCCGGGG	-	*PTGER1*	NM_000955:exon2:c.725_734del:p.P242fs	Frame_Shift_Del		COSM1294143
VSCC5	chr2:216203544-216203544	C	T	*ATIC*	NM_004044:exon12:c.C1141T:p.L381F	Missense_Mutation	*ATIC*	
VSCC5	chr4:153247366-153247366	C	T	*FBXW7*	NM_001013415:exon9:c.G1082A:p.R361Q,FBXW7	Missense_Mutation	*FBXW7*	COSM4002948
VSCC5	chr14:102550272-102550272	G	A	*HSP90AA1*	NM_005348:exon7:c.C1196T:p.S399F,HSP90AA1	Missense_Mutation	*HSP90AA1*	
VSCC5	chr1:976591-976591	G	A	*AGRN*	NM_198576:exon5:c.G766A:p.G256S	Missense_Mutation		
VSCC5	chr1:2103518-2103518	C	T	*PRKCZ*	NM_001033581:exon9:c.C537T:p.I179I,PRKCZ	Silent		
VSCC5	chr1:70833334-70833334	A	T	*HHLA3*	NM_001031693:exon3:c.A289T:p.K97X	Nonsense_Mutation		
VSCC5	chr1:153635209-153635209	C	T	*ILF2*	NM_001267809:exon13:c.G870A:p.K290K,ILF2	Silent		
VSCC5	chr1:155264314-155264314	G	C	*PKLR*	NM_000298:exon6:c.C924G:p.I308M,PKLR	Missense_Mutation		
VSCC5	chr1:156879867-156879867	C	T	*PEAR1*	NM_001080471:exon13:c.C1645T:p.H549Y	Missense_Mutation		
VSCC5	chr1:159825853-159825853	A	G	*VSIG8*	NM_001013661:exon6:c.T791C:p.V264A	Missense_Mutation		COSM1070632
VSCC5	chr1:167666379-167666379	G	A	*RCSD1*	NM_052862:exon6:c.G518A:p.R173Q	Missense_Mutation		

VSCC5	chr1:221057810-221057810	G	A	*HLX*	NM_021958:exon4:c.G1231A:p.V411I	Missense_Mutation	COSM225565
VSCC5	chr1:223717495-223717495	A	G	*CAPN8*	UNKNOWN	unknown	
VSCC5	chr1:231061312-231061312	C	T	*TTC13*	NM_001122835:exon11:c.G1380A:p.L460L,TTC13	Silent	
VSCC5	chr2:27436149-27436149	G	C	*ATRAID*	NM_001170795:exon2:c.G204C:p.Q68H,ATRAID	Missense_Mutation	
VSCC5	chr2:37494624-37494624	T	C	*PRKD3*	NM_005813:exon13:c.A1833G:p.R611R	Silent	COSM3982162
VSCC5	chr2:47135043-47135043	A	G	*MCFD2*	NM_001171509:exon2:c.T59C:p.L20S,MCFD2	Missense_Mutation	COSM5571621
VSCC5	chr2:72606985-72606985	C	T	*EXOC6B*	NM_015189:exon19:c.G1995A:p.Q665Q	Silent	
VSCC5	chr2:168067325-168067325	G	A	*XIRP2*	NM_001079810:exon4:c.G643A:p.E215K,XIRP2	Missense_Mutation	
VSCC5	chr2:206305308-206305308	G	C	*PARD3B*	NM_057177:exon19:c.G2749C:p.G917R,PARD3B	Missense_Mutation	COSM354585
VSCC5	chr2:211476857-211476857	G	A	*CPS1*	NM_001122634:exon10:c.G1055A:p.R352H,CPS1	Missense_Mutation	
VSCC5	chr3:42727708-42727708	C	T	*KLHL40*	NM_152393:exon1:c.C598T:p.R200W	Missense_Mutation	
VSCC5	chr3:108474644-108474644	C	T	*RETNLB*	NM_032579:exon3:c.G317A:p.R106H	Missense_Mutation	
VSCC5	chr3:156645313-156645313	A	T	*LEKR1*	NM_001004316:exon5:c.A479T:p.Y160F	Missense_Mutation	
VSCC5	chr3:164905756-164905756	C	T	*SLITRK3*	NM_014926:exon2:c.G2863A:p.E955K	Missense_Mutation	COSM5546286
VSCC5	chr3:184020267-184020267	C	T	*PSMD2*	NM_001278708:exon4:c.C424T:p.L142F,PSMD2	Missense_Mutation	
VSCC5	chr3:188933142-188933142	A	G	*TPRG1*	NM_198485:exon3:c.A272G:p.E91G	Missense_Mutation	
VSCC5	chr3:196288193-196288193	C	T	*WDR53*	NM_182627:exon3:c.G154A:p.D52N	Missense_Mutation	COSM1456180
VSCC5	chr4:436658-436658	A	T	*ZNF721*	NM_133474:exon3:c.T1598A:p.V533E	Missense_Mutation	
VSCC5	chr4:123239378-123239378	G	A	*KIAA1109*	NM_015312:exon61:c.G10747A:p.D3583N	Missense_Mutation	

VSCC5	chr4:140811084-140811084	C	T	*MAML3*	NM_018717:exon2:c.G1506A:p.Q502Q	Silent	
VSCC5	chr4:156135601-156135601	C	T	*NPY2R*	NM_000910:exon2:c.C510T:p.G170G	Silent	
VSCC5	chr4:186545218-186545218	C	T	*SORBS2*	NM_001145674:exon7:c.G1065A:p.K355K,SORBS2	Silent	
VSCC5	chr4:189060957-189060957	G	T	*TRIML1*	NM_178556:exon1:c.G245T:p.R82L	Missense_Mutation	
VSCC5	chr5:14498248-14498248	G	A	*TRIO*	NM_007118:exon52:c.G8098A:p.E2700K	Missense_Mutation	
VSCC5	chr5:42810837-42810837	A	G	*SEPP1*	UNKNOWN	unknown	COSM5050200
VSCC5	chr5:76259175-76259175	C	T	*CRHBP*	NM_001882:exon6:c.C701T:p.S234L	Missense_Mutation	
VSCC5	chr5:79616145-79616145	C	T	*SPZ1*	NM_032567:exon1:c.C111T:p.F37F	Silent	
VSCC5	chr5:140201459-140201459	G	A	*PCDHA5*	NM_018908:exon1:c.G99A:p.S33S,PCDHA5	Silent	
VSCC5	chr5:140221195-140221195	G	C	*PCDHA8*	NM_018911:exon1:c.G289C:p.G97R,PCDHA8	Missense_Mutation	COSM4036374
VSCC5	chr5:140558419-140558419	G	A	*PCDHB8*	NM_019120:exon1:c.G804A:p.T268T	Silent	
VSCC5	chr5:140573542-140573542	G	A	*PCDHB10*	NM_018930:exon1:c.G1417A:p.V473I	Missense_Mutation	
VSCC5	chr5:172096848-172096848	G	A	*NEURL1B*	NM_001142651:exon2:c.G92A:p.R31Q,NEURL1B	Missense_Mutation	
VSCC5	chr6:35715133-35715133	C	T	*ARMC12*	NM_001286574:exon4:c.C540T:p.P180P,ARMC12	Silent	
VSCC5	chr6:106967964-106967964	G	A	*AIM1*	NM_001624:exon2:c.G1657A:p.V553M	Missense_Mutation	
VSCC5	chr6:151917674-151917674	G	A	*CCDC170*	NM_025059:exon9:c.G1672A:p.E558K	Missense_Mutation	
VSCC5	chr6:168377071-168377071	G	A	*HGC6.3*	NM_001129895:exon1:c.C262T:p.P88S	Missense_Mutation	
VSCC5	chr7:38431387-38431387	C	T	*AMPH*	NM_139316:exon18:c.G1714A:p.E572K,AMPH	Missense_Mutation	COSM4966829
VSCC5	chr7:45113997-45113997	C	T	*CCM2*	NM_001167935:exon7:c.C771T:p.F257F,CCM2	Silent	COSM3998915

VSCC5	chr7:73950580-73950580	G	A	*GTF2IRD1*	NM_001199207:exon11:c.G1480A:p.V494I,GTF2IRD1	Missense_Mutation	COSM3458453
VSCC5	chr7:99693530-99693530	C	T	*MCM7*	NM_001278595:exon10:c.G934A:p.A312T,MCM7	Missense_Mutation	
VSCC5	chr7:126173176-126173176	C	T	*GRM8*	NM_000845:exon8:c.G2260A:p.G754R,GRM8	Missense_Mutation	
VSCC5	chr8:2855535-2855535	C	T	*CSMD1*	NM_033225:exon54:c.G8375A:p.R2792Q	Missense_Mutation	
VSCC5	chr8:8560229-8560229	C	T	*CLDN23*	NM_194284:exon1:c.C321T:p.D107D	Silent	
VSCC5	chr8:22470561-22470561	C	T	*CCAR2*	NM_021174:exon8:c.C616T:p.R206W	Missense_Mutation	
VSCC5	chr8:23560114-23560114	G	A	*NKX2-6*	NM_001136271:exon2:c.C756T:p.Y252Y	Silent	
VSCC5	chr8:39845402-39845402	C	G	*IDO2*	NM_194294:exon7:c.C501G:p.T167T	Silent	
VSCC5	chr8:53568857-53568857	C	A	*RB1CC1*	NM_001083617:exon15:c.G3532T:p.E1178X,RB1CC1	Nonsense_Mutation	COSM1373148
VSCC5	chr8:53569082-53569082	C	G	*RB1CC1*	NM_001083617:exon15:c.G3307C:p.E1103Q,RB1CC1	Missense_Mutation	COSM3887488
VSCC5	chr8:67062646-67062646	C	T	*TRIM55*	NM_033058:exon7:c.C930T:p.F310F,TRIM55	Silent	COSM3711780
VSCC5	chr8:67062658-67062658	C	A	*TRIM55*	NM_033058:exon7:c.C942A:p.L314L,TRIM55	Silent	
VSCC5	chr9:732542-732542	G	T	*KANK1*	NM_153186:exon5:c.G2696T:p.G899V,KANK1	Missense_Mutation	
VSCC5	chr9:108118629-108118629	G	C	*SLC44A1*	NM_001286730:exon6:c.G637C:p.E213Q,SLC44A1	Missense_Mutation	
VSCC5	chr10:5014878-5014878	A	G	*AKR1C1*	NM_001353:exon7:c.A783G:p.L261L	Silent	COSM1380467
VSCC5	chr10:50109900-50109900	C	T	*WDFY4*	NM_020945:exon47:c.C7578T:p.L2526L	Silent	
VSCC5	chr10:74992845-74992845	C	T	*FAM149B1*	NM_173348:exon10:c.C1276T:p.L426F	Missense_Mutation	
VSCC5	chr10:108924082-108924082	G	A	*SORCS1*	NM_001013031:exon1:c.C203T:p.T68M,SORCS1	Missense_Mutation	COSM3890740

VSCC5	chr11:7111053-7111053	G	A	*RBMXL2*	NM_014469:exon1:c.G702A:p.S234S	Silent	
VSCC5	chr11:67171761-67171761	G	A	*TBC1D10C*	NM_001256508:exon2:c.G88A:p.G30R,TBC1D10C	Missense_Mutation	
VSCC5	chr11:72290042-72290042	G	A	*PDE2A*	NM_001143839:exon27:c.C2347T:p.R783X,PDE2A	Nonsense_Mutation	
VSCC5	chr11:76255678-76255678	G	A	*EMSY*	NM_001300943:exon19:c.G3088A:p.D1030N,EMSY	Missense_Mutation	
VSCC5	chr11:89413787-89413787	T	G	*FOLH1B*	NM_153696:exon8:c.T459G:p.T153T	Silent	
VSCC5	chr11:105623888-105623888	G	A	*GRIA4*	NM_001112812:exon3:c.G429A:p.L143L,GRIA4	Silent	
VSCC5	chr11:108380822-108380822	G	A	*EXPH5*	NM_001144765:exon3:c.C4848T:p.G1616G,EXPH5	Silent	
VSCC5	chr11:113563943-113563943	G	A	*TMPRSS5*	NM_001288749:exon6:c.C475T:p.R159W,TMPRSS5	Missense_Mutation	
VSCC5	chr12:2602398-2602398	C	T	*CACNA1C*	NM_000719:exon7:c.C959T:p.T320M,CACNA1C	Missense_Mutation	
VSCC5	chr12:6647109-6647109	T	C	*GAPDH*	NM_001256799:exon7:c.T759C:p.F253F,GAPDH	Silent	
VSCC5	chr12:13715915-13715915	C	T	*GRIN2B*	NM_000834:exon13:c.G4257A:p.P1419P	Silent	
VSCC5	chr12:97137829-97137829	G	A	*CFAP54*	NM_001306084:exon55:c.G7589A:p.R2530H	Missense_Mutation	
VSCC5	chr12:102406901-102406901	A	C	*CCDC53*	NM_001301107:exon7:c.T567G:p.S189S,CCDC53	Silent	
VSCC5	chr12:133697376-133697376	C	A	*ZNF891*	NM_001277291:exon2:c.G1129T:p.E377X	Nonsense_Mutation	COSM1179107
VSCC5	chr13:113176710-113176710	C	T	*TUBGCP3*	NM_001286277:exon14:c.G1639A:p.D547N,TUBGCP3	Missense_Mutation	
VSCC5	chr14:64498028-64498028	G	T	*SYNE2*	NM_015180:exon45:c.G7174T:p.E2392X,SYNE2	Nonsense_Mutation	
VSCC5	chr15:33066548-33066548	C	T	*FMN1*	NM_001103184:exon17:c.G3554A:p.R1185K,FMN1	Missense_Mutation	
VSCC5	chr15:45409786-45409786	C	T	*DUOXA1*	NM_001276265:exon7:c.G1244A:p.R415H,DUOXA1	Missense_Mutation	

VSCC5	chr15:74630995-74630995	G	A	*CYP11A1*	NM_000781:exon8:c.C1351T:p.R451W,CYP11A1	Missense_Mutation	
VSCC5	chr15:91425058-91425058	G	A	*FURIN*	NM_001289823:exon16:c.G2335A:p.E779K,FURIN	Missense_Mutation	
VSCC5	chr16:1493880-1493880	C	T	*CCDC154*	NM_001143980:exon2:c.G141A:p.E47E	Silent	
VSCC5	chr16:28855370-28855370	G	A	*TUFM*	NM_003321:exon8:c.C975T:p.L325L	Silent	
VSCC5	chr16:57921969-57921969	C	T	*CNGB1*	NM_001286130:exon32:c.G3234A:p.L1078L,CNGB1	Silent	
VSCC5	chr16:88901652-88901652	G	A	*GALNS*	NM_000512:exon8:c.C867T:p.N289N	Silent	COSM1319897
VSCC5	chr17:7481193-7481193	C	T	*EIF4A1*	NM_001204510:exon9:c.C955T:p.R319C,EIF4A1	Missense_Mutation	
VSCC5	chr17:8296433-8296433	C	T	*RNF222*	NM_001146684:exon3:c.G347A:p.W116X	Nonsense_Mutation	
VSCC5	chr17:8656701-8656701	G	A	*SPDYE4*	NM_001128076:exon5:c.C592T:p.R198X	Nonsense_Mutation	COSM4093596
VSCC5	chr17:38636030-38636030	C	T	*TNS4*	NM_032865:exon10:c.G1806A:p.Q602Q	Silent	
VSCC5	chr17:40646381-40646381	C	T	*ATP6V0A1*	NM_001130020:exon12:c.C1225T:p.L409L,ATP6V0A1	Silent	
VSCC5	chr17:58987999-58987999	G	A	*BCAS3*	NM_001099432:exon12:c.G929A:p.R310Q,BCAS3	Missense_Mutation	
VSCC5	chr18:61647081-61647081	C	G	*SERPINB8*	NM_001031848:exon3:c.C215G:p.S72X,SERPINB8	Nonsense_Mutation	
VSCC5	chr19:847936-847936	G	A	*PRTN3*	NM_002777:exon5:c.G738A:p.T246T	Silent	COSM1311076
VSCC5	chr19:2076938-2076938	C	T	*MOB3A*	NM_130807:exon4:c.G496A:p.V166I	Missense_Mutation	
VSCC5	chr19:11472056-11472056	C	T	*PLPPR2*	NM_001170635:exon6:c.C480T:p.V160V,PLPPR2	Silent	COSM128161
VSCC5	chr19:17303635-17303635	G	C	*MYO9B*	NM_001130065:exon21:c.G2892C:p.Q964H,MYO9B	Missense_Mutation	
VSCC5	chr19:17435976-17435976	C	T	*ANO8*	NM_020959:exon17:c.G2881A:p.E961K	Missense_Mutation	COSM4162437

VSCC5	chr19:17628605-17628605	A	G	*PGLS*	NM_012088:exon4:c.A585G:p.A195A	Silent		
VSCC5	chr19:41312574-41312574	G	A	*EGLN2*	NM_053046:exon3:c.G958A:p.V320I,EGLN2	Missense_Mutation		COSM4424392
VSCC5	chr19:47646856-47646856	C	T	*SAE1*	NM_001145713:exon2:c.C204T:p.H68H,SAE1	Silent		
VSCC5	chr19:52217032-52217032	G	A	*HAS1*	NM_001297436:exon5:c.C1382T:p.S461L,HAS1	Missense_Mutation		
VSCC5	chr21:47410331-47410331	G	A	*COL6A1*	NM_001848:exon13:c.G997A:p.V333M	Missense_Mutation		COSM1317264
VSCC5	chr22:22277620-22277620	C	T	*PPM1F*	NM_014634:exon8:c.G1210A:p.D404N	Missense_Mutation		
VSCC5	chrX:70384073-70384073	G	T	*NLGN3*	NM_001166660:exon4:c.G688T:p.E230X,NLGN3	Nonsense_Mutation		
VSCC5	chrX:104478622-104478622	G	A	*IL1RAPL2*	NM_017416:exon4:c.G477A:p.E159E	Silent		
VSCC5	chrX:134711219-134711219	G	T	*DDX26B*	NM_182540:exon14:c.G1875T:p.R625R	Silent		
VSCC5	chrX:149840006-149840006	G	C	*MTM1*	NM_000252:exon15:c.G1750C:p.D584H	Missense_Mutation		
VSCC5	chrX:153696799-153696799	C	A	*PLXNA3*	NM_017514:exon23:c.C4117A:p.Q1373K	Missense_Mutation		
VSCC5	chr20:39798798-39798798	C	T	*PLCG1*	NM_002660:exon24:c.C2697T:p.I899I,PLCG1	Silent	*PLCG1*	
VSCC5	chr11:95825372-95825374	TGT	-	*MAML2*	NM_032427:exon2:c.1821_1823del:p.607_608del	In_Frame_Del	*MAML2*	COSM1723032
VSCC5	chr13:48941638-48941641	TCTT	-	*RB1*	NM_000321:exon10:c.948_951del:p.N316fs	Frame_Shift_Del	*RB1*	
VSCC5	chr13:48954332-48954335	TCTT	-	*RB1*	NM_000321:exon16:c.1453_1456del:p.S485fs	Frame_Shift_Del	*RB1*	
VSCC5	chr2:217498290-217498290	-	GCCGCTGCT	*IGFBP2*	NM_000597:exon1:c.44_45insGCCGCTGCT:p.P15delinsPPLL	In_Frame_Ins		COSM2153952
VSCC5	chr4:3076672-3076672	-	CCGCCGCCG	*HTT*	NM_002111:exon1:c.120_121insCCGCCGCCG:p.P40delinsPPPP	In_Frame_Ins		COSM5858118
VSCC5	chr8:494659-494664	GGCGGC	-	*TDRP*	NM_001256113:exon1:c.94_99del:p.32_33del,TDRP	In_Frame_Del		

VSCC6	chr16:89816163-89816163	G	A	*FANCA*	NM_000135:exon32:c.C3214T:p.Q1072X,FANCA	Nonsense_Mutation	*FANCA*	
VSCC6	chr1:16891365-16891365	G	T	*NBPF1*	UNKNOWN	unknown		
VSCC6	chr1:26507327-26507327	T	C	*CNKSR1*	NM_001297647:exon3:c.T332C:p.V111A,CNKSR1	Missense_Mutation		
VSCC6	chr1:156513971-156513971	C	T	*IQGAP3*	NM_178229:exon21:c.G2433A:p.L811L	Silent		
VSCC6	chr1:214557442-214557442	G	A	*PTPN14*	NM_005401:exon13:c.C1756T:p.R586C	Missense_Mutation		
VSCC6	chr2:15607470-15607470	G	A	*NBAS*	NM_015909:exon19:c.C2080T:p.R694X	Nonsense_Mutation		
VSCC6	chr2:27688651-27688651	G	A	*IFT172*	NM_015662:exon17:c.C1791T:p.I597I	Silent		
VSCC6	chr2:98273959-98273959	T	C	*ACTR1B*	NM_005735:exon9:c.A939G:p.R313R	Silent		
VSCC6	chr4:57830670-57830670	C	T	*NOA1*	NM_032313:exon6:c.G1787A:p.R596Q	Missense_Mutation		
VSCC6	chr4:75695334-75695334	C	A	*BTC*	NM_001316963:exon2:c.G97T:p.G33W,BTC	Missense_Mutation		
VSCC6	chr5:23527083-23527083	G	C	*PRDM9*	NM_001310214:exon11:c.G1886C:p.R629T,PRDM9	Missense_Mutation		
VSCC6	chr5:168138011-168138011	C	G	*SLIT3*	NM_001271946:exon25:c.G2608C:p.E870Q,SLIT3	Missense_Mutation		
VSCC6	chr6:27834714-27834714	C	T	*HIST1H1B*	NM_005322:exon1:c.G594A:p.P198P	Silent		
VSCC6	chr6:136512925-136512925	G	A	*PDE7B*	NM_018945:exon13:c.G1300A:p.D434N	Missense_Mutation		
VSCC6	chr7:75028240-75028240	T	C	*TRIM73,TRIM74*	NM_198853:exon2:c.T23C:p.L8P,TRIM73	Missense_Mutation		
VSCC6	chr7:100247678-100247678	C	G	*ACTL6B*	NM_016188:exon5:c.G450C:p.K150N	Missense_Mutation		
VSCC6	chr7:111980949-111980949	G	A	*ZNF277*	NM_021994:exon11:c.G1032A:p.V344V	Silent		COSM5744525
VSCC6	chr8:77763739-77763739	A	G	*ZFHX4*	NM_024721:exon10:c.A4582G:p.N1528D	Missense_Mutation		
VSCC6	chr9:120476624-120476624	C	A	*TLR4*	NM_138557:exon2:c.C1618A:p.H540N,TLR4	Missense_Mutation		

VSCC6	chr11:67432799-67432799	G	A	*ALDH3B2*	NM_000695:exon7:c.C663T:p.R221R,ALDH3B2	Silent	
VSCC6	chr12:120546236-120546236	C	G	*RAB35*	NM_001167606:exon2:c.G88C:p.D30H,RAB35	Missense_Mutation	
VSCC6	chr13:114766376-114766376	C	T	*RASA3*	NM_007368:exon19:c.G1775A:p.R592H	Missense_Mutation	
VSCC6	chr14:62541883-62541883	C	T	*SYT16*	NM_031914:exon3:c.C767T:p.S256F	Missense_Mutation	COSM4878954
VSCC6	chr15:62208024-62208024	G	A	*VPS13C*	NM_017684:exon59:c.C8124T:p.V2708V,VPS13C	Silent	
VSCC6	chr16:19566892-19566892	C	T	*C16orf62*	NM_001300743:exon1:c.C108T:p.C36C,C16orf62	Silent	COSM1692452
VSCC6	chr17:40986241-40986241	G	T	*PSME3*	NM_001267045:exon3:c.G43T:p.G15W	Missense_Mutation	
VSCC6	chr17:76212078-76212078	A	C	*BIRC5*	NM_001012271:exon3:c.A253C:p.T85P	Missense_Mutation	
VSCC6	chr17:76795096-76795096	C	A	*USP36*	NM_025090:exon19:c.G3134T:p.W1045L	Missense_Mutation	
VSCC6	chr19:1299887-1299887	C	A	*EFNA2*	NM_001405:exon4:c.C585A:p.G195G	Silent	
VSCC6	chr19:15795890-15795890	C	T	*CYP4F12*	NM_023944:exon9:c.C998T:p.T333M	Missense_Mutation	COSM1070354
VSCC6	chr20:50407142-50407142	G	A	*SALL4*	NM_020436:exon2:c.C1880T:p.S627L	Missense_Mutation	
VSCC6	chr21:30959763-30959763	G	T	*GRIK1*	NM_175611:exon11:c.C1671A:p.N557K,GRIK1	Missense_Mutation	
VSCC6	chrX:3019148-3019148	G	A	*ARSF*	NM_001201538:exon8:c.G988A:p.D330N,ARSF	Missense_Mutation	
VSCC6	chrX:48687678-48687678	G	C	*ERAS*	NM_181532:exon2:c.G145C:p.A49P	Missense_Mutation	
VSCC6	chrX:50129536-50129536	C	T	*DGKK*	UNKNOWN	unknown	COSM3613257
VSCC6	chrX:99661760-99661760	G	A	*PCDH19*	NM_001105243:exon1:c.C1836T:p.R612R,PCDH19	Silent	
VSCC6	chrX:114424147-114424147	C	G	*RBMXL3*	NM_001145346:exon1:c.C143G:p.S48W	Missense_Mutation	COSM742214
VSCC6	chrX:153581770-153581770	G	A	*FLNA*	NM_001456:exon36:c.C5892T:p.P1964P,FLNA	Silent	

VSCC6	chr3:189584556-189584556	G	A	*TP63*	NM_001114980:exon4:c.G570A:p.Q190Q,TP63	Silent	*TP63*	
VSCC6	chr11:95825375-95825383	TGCTGCTGC	-	*MAML2*	NM_032427:exon2:c.1812_1820del:p.604_607del	In_Frame_Del	*MAML2*	
VSCC6	chr19:41173893-41173898	TGCTGT	-	*NUMBL*	NM_001289979:exon9:c.1182_1187del:p.394_396del,NUMBL	In_Frame_Del		
VSCC1	chr1:33059265-33059265	G	A	*ZBTB8A*	NM_001040441:exon3:c.G733A:p.E245K,ZBTB8A	Missense_Mutation		
VSCC1	chr1:38164634-38164634	C	T	*CDCA8*	NM_001256875:exon4:c.C322T:p.L108L,CDCA8	Silent		
VSCC1	chr1:85595759-85595759	G	T	*WDR63*	NM_001288563:exon21:c.G2379T:p.K793N,WDR63	Missense_Mutation		
VSCC1	chr1:111215851-111215851	C	T	*KCNA3*	NM_002232:exon1:c.G1581A:p.S527S	Silent		
VSCC1	chr1:154321499-154321499	C	A	*ATP8B2*	NM_020452:exon28:c.C3577A:p.R1193S	Missense_Mutation		
VSCC1	chr1:180805823-180805823	C	T	*XPR1*	NM_004736:exon11:c.C1472T:p.T491M	Missense_Mutation		
VSCC1	chr1:183077434-183077434	C	T	*LAMC1*	NM_002293:exon3:c.C747T:p.I249I	Silent		
VSCC1	chr1:203316681-203316681	C	G	*FMOD*	NM_002023:exon2:c.G718C:p.D240H	Missense_Mutation		
VSCC1	chr1:214551358-214551358	C	G	*PTPN14*	NM_005401:exon14:c.G2632C:p.V878L	Missense_Mutation		
VSCC1	chr1:247267460-247267460	C	G	*ZNF669*	NM_024804:exon1:c.G42C:p.E14D	Missense_Mutation		
VSCC1	chr1:247587841-247587841	C	T	*NLRP3*	NM_001127462:exon3:c.C1096T:p.R366W,NLRP3	Missense_Mutation		
VSCC1	chr2:29240781-29240781	C	A	*FAM179A*	NM_199280:exon10:c.C1319A:p.P440H	Missense_Mutation		COSM918142
VSCC1	chr2:119915758-119915758	G	A	*C1QL2*	NM_182528:exon1:c.C88T:p.R30C	Missense_Mutation		COSM1736986
VSCC1	chr2:153001436-153001436	C	T	*STAM2*	NM_005843:exon6:c.G483A:p.S161S	Silent		COSM465649
VSCC1	chr2:172725276-172725276	G	A	*SLC25A12*	NM_003705:exon3:c.C124T:p.R42C	Missense_Mutation		

VSCC1	chr2:182322937-182322937	C	T	*ITGA4*	NM_000885:exon2:c.C212T:p.A71V,ITGA4	Missense_Mutation	
VSCC1	chr2:219494309-219494309	G	A	*PLCD4*	NM_032726:exon8:c.G1042A:p.V348I	Missense_Mutation	
VSCC1	chr3:9881966-9881966	C	T	*RPUSD3*	NM_001142547:exon6:c.G581A:p.R194Q,RPUSD3	Missense_Mutation	
VSCC1	chr3:19551880-19551880	C	T	*KCNH8*	NM_144633:exon12:c.C2066T:p.S689F	Missense_Mutation	COSM4838168
VSCC1	chr3:19551889-19551889	C	G	*KCNH8*	NM_144633:exon12:c.C2075G:p.S692X	Nonsense_Mutation	
VSCC1	chr3:50363558-50363558	C	A	*TUSC2*	NM_007275:exon3:c.G327T:p.E109D	Missense_Mutation	
VSCC1	chr4:124323454-124323454	C	T	*SPRY1*	NM_001258039:exon2:c.C708T:p.D236D,SPRY1	Silent	COSM3869395
VSCC1	chr5:7757687-7757687	C	T	*ADCY2*	NM_020546:exon16:c.C2082T:p.A694A	Silent	
VSCC1	chr5:7875421-7875421	G	C	*MTRR*	NM_002454:exon4:c.G334C:p.D112H,MTRR	Missense_Mutation	
VSCC1	chr5:9224863-9224863	C	T	*SEMA5A*	NM_003966:exon8:c.G569A:p.R190H	Missense_Mutation	COSM2019380
VSCC1	chr5:10649531-10649531	C	T	*ANKRD33B*	NM_001164440:exon4:c.C791T:p.P264L	Missense_Mutation	
VSCC1	chr5:126746147-126746147	C	T	*MEGF10*	NM_001256545:exon9:c.C984T:p.N328N,MEGF10	Silent	
VSCC1	chr5:156899411-156899411	G	A	*NIPAL4*	NM_001172292:exon5:c.G787A:p.G263R,NIPAL4	Missense_Mutation	
VSCC1	chr5:179529123-179529123	C	T	*RASGEF1C*	NM_175062:exon13:c.G1324A:p.E442K	Missense_Mutation	COSM3753362
VSCC1	chr6:35755727-35755727	C	G	*CLPSL1*	NM_001010886:exon3:c.C306G:p.I102M	Missense_Mutation	COSM1365466
VSCC1	chr6:57012061-57012061	C	T	*ZNF451*	NM_001031623:exon10:c.C1178T:p.S393L,ZNF451	Missense_Mutation	
VSCC1	chr6:57012358-57012358	C	T	*ZNF451*	NM_001031623:exon10:c.C1475T:p.S492L,ZNF451	Missense_Mutation	
VSCC1	chr6:57012604-57012604	C	T	*ZNF451*	NM_001031623:exon10:c.C1721T:p.S574F,ZNF451	Missense_Mutation	

VSCC1	chr6:57013079-57013079	C	T	*ZNF451*	NM_001031623:exon10:c.C2196T:p.V732V,ZNF451	Silent	
VSCC1	chr7:1588278-1588278	C	T	*TMEM184A*	NM_001097620:exon7:c.G691A:p.V231I	Missense_Mutation	
VSCC1	chr7:94539575-94539575	C	T	*PPP1R9A*	NM_001166161:exon1:c.C150T:p.G50G,PPP1R9A	Silent	
VSCC1	chr7:103137192-103137192	C	G	*RELN*	NM_005045:exon56:c.G8974C:p.E2992Q,RELN	Missense_Mutation	
VSCC1	chr7:146997233-146997233	G	T	*CNTNAP2*	NM_014141:exon9:c.G1349T:p.G450V	Missense_Mutation	
VSCC1	chr8:1624776-1624776	T	A	*DLGAP2*	NM_001277161:exon7:c.T1998A:p.D666E,DLGAP2	Missense_Mutation	
VSCC1	chr8:3019690-3019690	G	A	*CSMD1*	NM_033225:exon38:c.C5835T:p.Y1945Y	Silent	
VSCC1	chr8:21851918-21851918	C	T	*XPO7*	NM_015024:exon20:c.C2193T:p.F731F	Silent	
VSCC1	chr8:27516511-27516511	C	T	*SCARA3*	NM_016240:exon5:c.C824T:p.A275V,SCARA3	Missense_Mutation	
VSCC1	chr8:141461059-141461059	G	A	*TRAPPC9*	NM_001160372:exon2:c.C414T:p.Y138Y,TRAPPC9	Silent	
VSCC1	chr9:6602195-6602195	C	A	*GLDC*	NM_000170:exon8:c.G1069T:p.G357W	Missense_Mutation	
VSCC1	chr10:35928339-35928339	C	T	*FZD8*	NM_031866:exon1:c.G2019A:p.L673L	Silent	
VSCC1	chr10:43659338-43659338	C	T	*CSGALNACT2*	NM_018590:exon5:c.C1005T:p.T335T	Silent	
VSCC1	chr10:43659339-43659339	T	G	*CSGALNACT2*	NM_018590:exon5:c.T1006G:p.L336V	Missense_Mutation	
VSCC1	chr10:43659419-43659419	G	T	*CSGALNACT2*	NM_018590:exon5:c.G1086T:p.L362F	Missense_Mutation	COSM5516797
VSCC1	chr10:99198447-99198447	G	A	*EXOSC1*	NM_016046:exon5:c.C325T:p.R109X	Nonsense_Mutation	
VSCC1	chr10:108923740-108923740	C	A	*SORCS1*	NM_001013031:exon1:c.G545T:p.G182V,SORCS1	Missense_Mutation	
VSCC1	chr10:112838830-112838830	C	T	*ADRA2A*	NM_000681:exon1:c.C1076T:p.T359M	Missense_Mutation	

VSCC1	chr11:557005-557005	G	A	*LMNTD2*	NM_173573:exon8:c.C806T:p.S269F	Missense_Mutation	
VSCC1	chr11:6261670-6261670	C	T	*CNGA4*	NM_001037329:exon4:c.C646T:p.R216C	Missense_Mutation	COSM5004917
VSCC1	chr11:10515089-10515089	C	T	*AMPD3*	NM_001172431:exon6:c.C656T:p.A219V,AMPD3	Missense_Mutation	
VSCC1	chr11:48267016-48267016	C	G	*OR4X2*	NM_001004727:exon1:c.C361G:p.P121A	Missense_Mutation	COSM5622836
VSCC1	chr11:55541538-55541538	G	A	*OR5D13*	NM_001001967:exon1:c.G625A:p.E209K	Missense_Mutation	
VSCC1	chr11:65387075-65387075	C	G	*PCNXL3*	NM_032223:exon7:c.C1773G:p.R591R	Silent	
VSCC1	chr11:67814997-67814997	C	T	*TCIRG1*	NM_006053:exon6:c.C615T:p.V205V,TCIRG1	Silent	
VSCC1	chr11:77921340-77921340	C	T	*USP35*	NM_020798:exon10:c.C2439T:p.F813F	Silent	
VSCC1	chr12:3747527-3747527	G	T	*CRACR2A*	NM_001144958:exon14:c.C1365A:p.T455T	Silent	
VSCC1	chr12:47471286-47471286	C	T	*AMIGO2*	NM_181847:exon2:c.G1500A:p.T500T,AMIGO2	Silent	
VSCC1	chr12:48596732-48596732	A	C	*OR10AD1*	NM_001004134:exon1:c.T344G:p.L115R	Missense_Mutation	
VSCC1	chr12:53069243-53069243	T	C	*KRT1*	NM_006121:exon9:c.A1669G:p.S557G	Missense_Mutation	
VSCC1	chr13:111290675-111290675	G	A	*CARKD*	NM_018210:exon10:c.G980A:p.R327Q	Missense_Mutation	
VSCC1	chr15:40099275-40099275	G	A	*GPR176*	NM_001271855:exon2:c.C222T:p.V74V,GPR176	Silent	
VSCC1	chr15:41829178-41829178	G	A	*RPAP1*	NM_015540:exon2:c.C146T:p.P49L	Missense_Mutation	COSM5877950
VSCC1	chr15:65677297-65677297	T	C	*IGDCC4*	NM_020962:exon19:c.A3337G:p.I1113V	Missense_Mutation	
VSCC1	chr15:89848450-89848450	G	A	*FANCI*	NM_018193:exon28:c.G2983A:p.G995R,FANCI	Missense_Mutation	
VSCC1	chr16:3433585-3433585	C	G	*ZSCAN32*	NM_001284529:exon3:c.G494C:p.G165A,ZSCAN32	Missense_Mutation	

VSCC1	chr16:12618697-12618697	G	A	*SNX29*	NM_032167:exon20:c.G2317A:p.V773I	Missense_Mutation	
VSCC1	chr16:22086889-22086889	C	T	*C16orf52*	NM_001164579:exon2:c.C188T:p.P63L	Missense_Mutation	
VSCC1	chr16:23360006-23360006	A	G	*SCNN1B*	NM_000336:exon2:c.A86G:p.Y29C	Missense_Mutation	
VSCC1	chr16:88677776-88677776	G	A	*ZC3H18*	NM_144604:exon8:c.G1307A:p.R436Q,ZC3H18	Missense_Mutation	COSM1251069
VSCC1	chr17:4448100-4448100	G	A	*MYBBP1A*	NM_001105538:exon18:c.C2427T:p.D809D,MYBBP1A	Silent	
VSCC1	chr17:34945732-34945732	G	C	*GGNBP2*	NM_024835:exon14:c.G1985C:p.R662T	Missense_Mutation	
VSCC1	chr17:48435725-48435725	C	G	*XYLT2*	NM_022167:exon10:c.C2099G:p.S700C	Missense_Mutation	
VSCC1	chr17:48655674-48655674	G	A	*CACNA1G*	NM_001256324:exon9:c.G2050A:p.E684K,CACNA1G	Missense_Mutation	COSM4679073
VSCC1	chr17:74068502-74068502	C	T	*SRP68*	NM_001260502:exon1:c.G71A:p.G24D,SRP68	Missense_Mutation	
VSCC1	chr17:80789038-80789038	G	T	*ZNF750*	NM_024702:exon2:c.C1293A:p.Y431X	Nonsense_Mutation	COSM3749073
VSCC1	chr18:40503543-40503543	G	A	*RIT2*	NM_001272077:exon4:c.C420T:p.F140F,RIT2	Silent	COSM4780267
VSCC1	chr18:77246562-77246562	G	A	*NFATC1*	NM_001278673:exon8:c.G991A:p.V331M,NFATC1	Missense_Mutation	
VSCC1	chr19:1012480-1012480	C	T	*TMEM259*	NM_001033026:exon4:c.G700A:p.V234I,TMEM259	Missense_Mutation	
VSCC1	chr19:7506600-7506600	G	A	*ARHGEF18*	NM_001130955:exon2:c.G604A:p.D202N,ARHGEF18	Missense_Mutation	
VSCC1	chr19:30165137-30165137	C	T	*PLEKHF1*	NM_024310:exon2:c.C391T:p.R131W	Missense_Mutation	
VSCC1	chr19:36134185-36134185	C	G	*ETV2*	NM_014209:exon5:c.C245G:p.S82C	Missense_Mutation	
VSCC1	chr19:36134257-36134257	C	T	*ETV2*	NM_001300974:exon4:c.C38T:p.S13L,ETV2	Missense_Mutation	COSM3773425
VSCC1	chr19:45477752-45477752	G	A	*CLPTM1*	NM_001282175:exon4:c.G324A:p.S108S,CLPTM1	Silent	COSM3773426

VSCC1	chr19:48946118-48946118	G	A	*GRIN2D*	NM_000836:exon13:c.G2935A:p.E979K	Missense_Mutation		
VSCC1	chr19:49377944-49377944	G	A	*PPP1R15A*	NM_014330:exon2:c.G1454A:p.R485Q	Missense_Mutation		COSM5650943
VSCC1	chr19:52002463-52002463	G	A	*SIGLEC12*	NM_033329:exon3:c.C742T:p.Q248X,SIGLEC12	Nonsense_Mutation		
VSCC1	chr20:62038187-62038187	G	C	*KCNQ2*	NM_004518:exon15:c.C2345G:p.S782C,KCNQ2	Missense_Mutation		
VSCC1	chr21:45194575-45194575	C	T	*CSTB*	NM_000100:exon2:c.G132A:p.K44K	Silent		
VSCC1	chr22:29140645-29140645	G	A	*HSCB*	NM_172002:exon3:c.G376A:p.D126N	Missense_Mutation		
VSCC1	chr22:43735224-43735224	C	T	*SCUBE1*	NM_173050:exon2:c.G106A:p.E36K	Missense_Mutation		
VSCC1	chrX:2761106-2761106	A	G	*GYG2*	NM_001184703:exon3:c.A75G:p.S25S,GYG2	Silent		
VSCC1	chrX:26212273-26212273	C	G	*MAGEB6*	NM_173523:exon2:c.C310G:p.Q104E	Missense_Mutation		COSM3580847
VSCC1	chrX:35959407-35959407	C	A	*CFAP47*	NM_001304548:exon3:c.C409A:p.P137T,CFAP47	Missense_Mutation		
VSCC1	chrX:41495914-41495914	C	G	*CASK*	NM_001126054:exon9:c.G832C:p.E278Q,CASK	Missense_Mutation		
VSCC1	chrX:43603358-43603358	C	G	*MAOA*	NM_000240:exon14:c.C1377G:p.V459V,MAOA	Silent		COSM4167951
VSCC1	chrX:48792014-48792014	G	A	*OTUD5*	NM_001136157:exon4:c.C880T:p.R294C,OTUD5	Missense_Mutation		COSM5959443
VSCC1	chrX:50345672-50345672	T	G	*SHROOM4*	NM_020717:exon7:c.A3903C:p.L1301L	Silent		
VSCC1	chrX:102192441-102192441	G	A	*RAB40AL*	NM_001031834:exon1:c.G195A:p.L65L	Silent		
VSCC1	chrX:106359972-106359972	A	G	*RBM41*	NM_001171080:exon2:c.T33C:p.D11D,RBM41	Silent		COSM230483
VSCC1	chrX:151283665-151283665	C	G	*MAGEA10-MAGEA5,MAGEA5*	NM_021049:exon3:c.G348C:p.L116F,MAGEA10-MAGEA5	Missense_Mutation		COSM1215012
VSCC1	chr3:178936091-178936091	G	A	*PIK3CA*	NM_006218:exon10:c.G1633A:p.E545K	Missense_Mutation	*PIK3CA*	

VSCC1	chr8:103850981-103850985	GGGTG	-	*AZIN1*	NM_001301668:exon5:c.436_440del:p.H146fs,AZIN1	Frame_Shift_Del		
VSCC7	chrX:129162622-129162622	G	A	*BCORL1*	NM_001184772:exon7:c.G4091A:p.R1364H,BCORL1	Missense_Mutation	*BCORL1*	
VSCC7	chr2:202139642-202139642	C	T	*CASP8*	NM_033356:exon5:c.C581T:p.S194L,CASP8	Missense_Mutation	*CASP8*	
VSCC7	chr12:6709750-6709750	C	T	*CHD4*	NM_001297553:exon7:c.G992A:p.R331H,CHD4	Missense_Mutation	*CHD4*	
VSCC7	chr11:57428433-57428433	G	A	*CLP1*	NM_001142597:exon3:c.G611A:p.R204Q,CLP1	Missense_Mutation	*CLP1*	
VSCC7	chr7:55233037-55233037	C	T	*EGFR*	NM_005228:exon15:c.C1787T:p.P596L,EGFR	Missense_Mutation	*EGFR*	
VSCC7	chr12:1221410-1221410	G	A	*ERC1*	NM_001301248:exon5:c.G1347A:p.S449S,ERC1	Silent	*ERC1*	
VSCC7	chr10:76789215-76789215	G	A	*KAT6B*	NM_001256468:exon18:c.G4084A:p.V1362I,KAT6B	Missense_Mutation	*KAT6B*	
VSCC7	chr1:10177614-10177614	G	A	*UBE4B*	NM_006048:exon7:c.G907A:p.E303K,UBE4B	Missense_Mutation		
VSCC7	chr1:15701095-15701095	G	A	*FHAD1*	NM_052929:exon26:c.G3479A:p.R1160Q	Missense_Mutation		
VSCC7	chr1:36384759-36384759	G	A	*AGO1*	NM_001317123:exon18:c.G2144A:p.R715Q,AGO1	Missense_Mutation		
VSCC7	chr1:36553134-36553134	G	A	*TEKT2*	NM_014466:exon8:c.G950A:p.R317Q	Missense_Mutation		
VSCC7	chr1:36824428-36824428	G	A	*STK40*	NM_001282546:exon3:c.C123T:p.A41A	Silent		
VSCC7	chr1:40928562-40928562	C	T	*ZFP69B*	NM_023070:exon5:c.C906T:p.T302T	Silent		COSM5481724
VSCC7	chr1:62941819-62941819	G	A	*DOCK7*	NM_001272001:exon43:c.C5517T:p.Y1839Y,DOCK7	Silent		COSM3070625
VSCC7	chr1:65157216-65157216	C	T	*CACHD1*	NM_001293274:exon26:c.C2909T:p.T970M,CACHD1	Missense_Mutation		
VSCC7	chr1:87045902-87045902	A	T	*CLCA4*	NM_012128:exon14:c.A2634T:p.T878T	Silent		
VSCC7	chr1:90401106-90401106	G	A	*LRRC8D*	NM_001134479:exon3:c.G2479A:p.G827R,LRRC8D	Missense_Mutation		

VSCC7	chr1:93309080-93309080	G	A	*FAM69A*	NM_001252269:exon4:c.C1012T:p.R338C,FAM69A	Missense_Mutation	COSM1037308
VSCC7	chr1:109479977-109479977	C	T	*CLCC1*	NM_001278203:exon5:c.G550A:p.E184K,CLCC1	Missense_Mutation	
VSCC7	chr1:114201723-114201723	G	A	*MAGI3*	NM_001142782:exon16:c.G2651A:p.R884Q,MAGI3	Missense_Mutation	
VSCC7	chr1:116226688-116226688	G	A	*VANGL1*	NM_001172411:exon6:c.G1064A:p.R355Q,VANGL1	Missense_Mutation	
VSCC7	chr1:145112467-145112467	G	A	*SEC22B*	UNKNOWN	unknown	
VSCC7	chr1:150199042-150199042	C	A	*ANP32E*	NM_001136478:exon4:c.G456T:p.E152D,ANP32E	Missense_Mutation	COSM3590381
VSCC7	chr1:150199045-150199045	T	C	*ANP32E*	NM_001280560:exon4:c.A410G:p.K137R	Missense_Mutation	
VSCC7	chr1:153909163-153909163	C	T	*DENND4B*	NM_014856:exon16:c.G2294A:p.R765Q	Missense_Mutation	
VSCC7	chr1:211533366-211533366	G	A	*TRAF5*	NM_001033910:exon5:c.G491A:p.R164Q,TRAF5	Missense_Mutation	
VSCC7	chr1:220276828-220276828	C	T	*IARS2*	NM_018060:exon8:c.C990T:p.Y330Y	Silent	
VSCC7	chr1:228461152-228461152	C	T	*OBSCN*	NM_001271223:exon21:c.C6166T:p.R2056W	Missense_Mutation	
VSCC7	chr1:231132904-231132904	C	T	*ARV1*	NM_022786:exon5:c.C711T:p.A237A	Silent	COSM118399
VSCC7	chr1:231337152-231337152	G	A	*TRIM67*	NM_001004342:exon5:c.G1423A:p.V475I,TRIM67	Missense_Mutation	COSM3602739
VSCC7	chr1:247587279-247587279	G	A	*NLRP3*	NM_001127462:exon3:c.G534A:p.R178R,NLRP3	Silent	
VSCC7	chr2:3425688-3425688	G	A	*TRAPPC12*	NM_016030:exon4:c.G1201A:p.G401R	Missense_Mutation	COSM4947918
VSCC7	chr2:28849349-28849349	G	A	*PLB1*	NM_001170585:exon50:c.G3601A:p.D1201N,PLB1	Missense_Mutation	COSM4884634
VSCC7	chr2:54080671-54080671	C	T	*GPR75*	NM_006794:exon2:c.G1223A:p.R408Q	Missense_Mutation	
VSCC7	chr2:54894781-54894781	G	A	*SPTBN1*	NM_003128:exon35:c.G6874A:p.D2292N	Missense_Mutation	
VSCC7	chr2:71576623-71576623	G	A	*ZNF638*	NM_001014972:exon2:c.G539A:p.R180Q,ZNF638	Missense_Mutation	

VSCC7	chr2:73315688-73315688	C	T	*RAB11FIP5*	NM_015470:exon3:c.G1058A:p.R353Q	Missense_Mutation	COSM403423
VSCC7	chr2:86325845-86325845	G	A	*POLR1A*	NM_015425:exon3:c.C321T:p.C107C	Silent	
VSCC7	chr2:88407930-88407930	G	A	*SMYD1*	NM_198274:exon9:c.G1186A:p.V396M	Missense_Mutation	COSM1060902
VSCC7	chr2:103299826-103299826	G	A	*SLC9A2*	NM_003048:exon4:c.G1111A:p.E371K	Missense_Mutation	
VSCC7	chr2:103335600-103335600	C	T	*MFSD9*	NM_032718:exon6:c.G704A:p.R235Q	Missense_Mutation	
VSCC7	chr2:111881387-111881387	C	T	*BCL2L11*	NM_001204106:exon2:c.C65T:p.A22V,BCL2L11	Missense_Mutation	
VSCC7	chr2:128610570-128610570	G	A	*POLR2D*	NM_004805:exon2:c.C183T:p.F61F	Silent	
VSCC7	chr2:148731078-148731078	G	A	*ORC4*	NM_002552:exon3:c.C73T:p.R25C,ORC4	Missense_Mutation	
VSCC7	chr2:210704110-210704110	G	A	*UNC80*	NM_032504:exon19:c.G3206A:p.R1069Q,UNC80	Missense_Mutation	
VSCC7	chr2:215855516-215855516	G	A	*ABCA12*	NM_015657:exon16:c.C2580T:p.I860I,ABCA12	Silent	
VSCC7	chr2:219508238-219508238	G	A	*ZNF142*	NM_001105537:exon8:c.C3001T:p.L1001F	Missense_Mutation	
VSCC7	chr2:219508240-219508240	T	C	*ZNF142*	NM_001105537:exon8:c.A2999G:p.H1000R	Missense_Mutation	COSM4887185
VSCC7	chr2:220092494-220092494	G	A	*ATG9A*	NM_024085:exon3:c.C145T:p.R49X,ATG9A	Nonsense_Mutation	
VSCC7	chr2:220421374-220421374	G	A	*OBSL1*	NM_001173431:exon13:c.C4138T:p.R1380W,OBSL1	Missense_Mutation	
VSCC7	chr2:232323098-232323098	G	A	*NCL*	NM_005381:exon8:c.C1168T:p.R390X	Nonsense_Mutation	
VSCC7	chr2:234235821-234235821	G	A	*SAG*	NM_000541:exon7:c.G490A:p.E164K	Missense_Mutation	
VSCC7	chr2:235951493-235951493	C	T	*SH3BP4*	NM_014521:exon4:c.C2080T:p.R694W	Missense_Mutation	
VSCC7	chr2:237103619-237103619	G	A	*ASB18*	NM_212556:exon6:c.C1297T:p.R433C	Missense_Mutation	

VSCC7	chr3:48619157-48619157	G	A	*COL7A1*	NM_000094:exon48:c.C4704T:p.T1568T	Silent	
VSCC7	chr3:49146513-49146513	G	A	*USP19*	NM_006677:exon26:c.C3835T:p.R1279C,USP19	Missense_Mutation	COSM5869553
VSCC7	chr3:53920914-53920914	C	T	*SELK*	UNKNOWN	unknown	COSM3881711
VSCC7	chr3:88205520-88205520	G	A	*C3orf38*	NM_173824:exon3:c.G725A:p.R242Q	Missense_Mutation	
VSCC7	chr3:123010043-123010043	C	T	*ADCY5*	NM_001199642:exon18:c.G2194A:p.E732K,ADCY5	Missense_Mutation	
VSCC7	chr3:129177477-129177477	G	A	*IFT122*	NM_001280541:exon4:c.G229A:p.V77I,IFT122	Missense_Mutation	
VSCC7	chr3:129694768-129694768	G	A	*TRH*	NM_007117:exon2:c.G109A:p.A37T	Missense_Mutation	
VSCC7	chr3:130150634-130150634	G	A	*COL6A5*	NM_001278298:exon33:c.G5574A:p.T1858T,COL6A5	Silent	
VSCC7	chr3:141535699-141535699	C	A	*GRK7*	NM_139209:exon4:c.C1469A:p.S490Y	Missense_Mutation	
VSCC7	chr3:175165038-175165038	G	A	*NAALADL2*	NM_207015:exon6:c.G1112A:p.R371Q	Missense_Mutation	COSM3632311
VSCC7	chr3:184700421-184700421	A	T	*VPS8*	NM_001009921:exon40:c.A3488T:p.H1163L,VPS8	Missense_Mutation	COSM5673802
VSCC7	chr4:6611594-6611594	C	T	*MAN2B2*	NM_001292038:exon13:c.C1923T:p.D641D,MAN2B2	Silent	COSM2766930
VSCC7	chr4:77662348-77662348	C	T	*SHROOM3*	NM_020859:exon5:c.C3022T:p.R1008C	Missense_Mutation	
VSCC7	chr4:100479268-100479268	C	A	*TRMT10A*	NM_001134665:exon3:c.G286T:p.V96F,TRMT10A	Missense_Mutation	
VSCC7	chr4:160252850-160252850	G	A	*RAPGEF2*	NM_014247:exon9:c.G1161A:p.T387T	Silent	
VSCC7	chr4:164394719-164394719	C	T	*TKTL2*	NM_032136:exon1:c.G168A:p.T56T	Silent	
VSCC7	chr4:188924867-188924867	G	A	*ZFP42*	NM_001304358:exon3:c.G906A:p.T302T,ZFP42	Silent	
VSCC7	chr5:32090669-32090669	G	A	*PDZD2*	NM_178140:exon19:c.G7115A:p.R2372Q	Missense_Mutation	
VSCC7	chr5:38950099-38950099	G	A	*RICTOR*	NM_001285439:exon31:c.C3851T:p.S1284L,RICTOR	Missense_Mutation	

VSCC7	chr5:66461424-66461424	G	A	*MAST4*	NM_001290227:exon26:c.G5634A:p.T1878T,MAST4	Silent	
VSCC7	chr5:86676347-86676347	G	T	*RASA1*	NM_002890:exon20:c.G2625T:p.G875G,RASA1	Silent	
VSCC7	chr5:98234465-98234465	C	T	*CHD1*	NM_001270:exon8:c.G1089A:p.L363L	Silent	
VSCC7	chr5:102260735-102260735	G	A	*PAM*	NM_000919:exon5:c.G431A:p.R144Q,PAM	Missense_Mutation	COSM4163799
VSCC7	chr5:115238635-115238635	T	C	*AP3S1*	NM_001284:exon5:c.T399C:p.N133N	Silent	
VSCC7	chr5:129243981-129243981	G	A	*CHSY3*	NM_175856:exon2:c.G1014A:p.T338T	Silent	
VSCC7	chr5:133942678-133942678	C	T	*SAR1B*	NM_016103:exon7:c.G559A:p.G187R,SAR1B	Missense_Mutation	
VSCC7	chr5:141335273-141335273	G	A	*PCDH12*	NM_016580:exon1:c.C2144T:p.S715L	Missense_Mutation	
VSCC7	chr5:145895078-145895078	G	A	*GPR151*	NM_194251:exon1:c.C599T:p.S200L	Missense_Mutation	COSM5352128
VSCC7	chr5:156589492-156589492	G	A	*FAM71B*	NM_130899:exon2:c.C1784T:p.T595M	Missense_Mutation	
VSCC7	chr5:172590826-172590826	C	T	*BNIP1*	NM_013978:exon5:c.C487T:p.R163W,BNIP1	Missense_Mutation	
VSCC7	chr5:176813546-176813546	G	A	*SLC34A1*	NM_001167579:exon5:c.G511A:p.V171I,SLC34A1	Missense_Mutation	
VSCC7	chr6:36995846-36995846	G	A	*FGD2*	NM_173558:exon16:c.G1875A:p.T625T	Silent	
VSCC7	chr6:41127562-41127562	G	A	*TREM2*	NM_001271821:exon3:c.C450T:p.F150F,TREM2	Silent	COSM3321574
VSCC7	chr6:43152268-43152268	G	A	*CUL9*	NM_015089:exon2:c.G220A:p.A74T	Missense_Mutation	
VSCC7	chr6:43230716-43230716	C	T	*TTBK1*	NM_032538:exon13:c.C1614T:p.F538F	Silent	
VSCC7	chr6:43515346-43515346	C	T	*XPO5*	NM_020750:exon19:c.G2159A:p.R720Q	Missense_Mutation	COSM1247036
VSCC7	chr6:46657580-46657580	G	A	*TDRD6*	NM_001010870:exon1:c.G1715A:p.R572Q,TDRD6	Missense_Mutation	

VSCC7	chr6:89974320-89974320	C	T	*GABRR2*	NM_002043:exon8:c.G897A:p.T299T	Silent	
VSCC7	chr6:90442491-90442491	G	C	*MDN1*	NM_014611:exon34:c.C4727G:p.S1576C	Missense_Mutation	COSM3441038
VSCC7	chr6:135811853-135811853	G	A	*AHI1*	NM_001134830:exon3:c.C43T:p.R15C,AHI1	Missense_Mutation	
VSCC7	chr6:137528165-137528165	G	A	*IFNGR1*	NM_000416:exon2:c.C135T:p.I45I	Silent	COSM5566959
VSCC7	chr6:151277158-151277158	G	A	*MTHFD1L*	NM_001242767:exon17:c.G1757A:p.R586Q,MTHFD1L	Missense_Mutation	COSM4816593
VSCC7	chr6:152621904-152621904	G	A	*SYNE1*	NM_033071:exon92:c.C17341T:p.R5781C,SYNE1	Missense_Mutation	
VSCC7	chr7:5270512-5270512	C	T	*WIPI2*	NM_001033520:exon10:c.C1089T:p.D363D,WIPI2	Silent	COSM5578931
VSCC7	chr7:5567455-5567455	G	C	*ACTB*	NM_001101:exon6:c.C1052G:p.T351S	Missense_Mutation	
VSCC7	chr7:32909908-32909908	C	A	*KBTBD2*	NM_015483:exon4:c.G921T:p.K307N	Missense_Mutation	
VSCC7	chr7:45120832-45120832	G	A	*NACAD*	NM_001146334:exon5:c.C4288T:p.Q1430X	Nonsense_Mutation	
VSCC7	chr7:100479772-100479772	C	T	*SRRT*	NM_001128852:exon5:c.C497T:p.T166M,SRRT	Missense_Mutation	
VSCC7	chr7:100638908-100638908	C	T	*MUC12*	NM_001164462:exon2:c.C5064T:p.T1688T	Silent	
VSCC7	chr7:117232697-117232697	G	A	*CFTR*	NM_000492:exon14:c.G2476A:p.E826K	Missense_Mutation	COSM2114866
VSCC7	chr7:120906851-120906851	A	C	*CPED1*	NM_024913:exon20:c.A2622C:p.K874N	Missense_Mutation	
VSCC7	chr7:121773596-121773596	G	A	*AASS*	NM_005763:exon2:c.C185T:p.S62L	Missense_Mutation	
VSCC7	chr8:25364355-25364355	G	C	*CDCA2*	NM_152562:exon15:c.G2173C:p.D725H	Missense_Mutation	COSM933635
VSCC7	chr8:42563966-42563966	C	T	*CHRNB3*	NM_000749:exon2:c.C159T:p.T53T	Silent	COSM4740273
VSCC7	chr8:42711484-42711484	G	A	*RNF170*	NM_001160223:exon7:c.C595T:p.R199C,RNF170	Missense_Mutation	COSM1317264

VSCC7	chr8:55540659-55540659	A	G	*RP1*	NM_006269:exon4:c.A4217G:p.K1406R	Missense_Mutation		COSM2017199
VSCC7	chr8:73480241-73480241	G	T	*KCNB2*	NM_004770:exon2:c.G272T:p.R91L	Missense_Mutation		
VSCC7	chr8:74005207-74005207	C	T	*SBSPON*	NM_153225:exon1:c.G96A:p.R32R	Silent		
VSCC7	chr8:77766267-77766267	G	A	*ZFHX4*	NM_024721:exon10:c.G7110A:p.T2370T	Silent		
VSCC7	chr8:92090827-92090827	A	G	*OTUD6B*	NM_016023:exon4:c.A649G:p.M217V,OTUD6B	Missense_Mutation		
VSCC7	chr8:95683865-95683865	G	A	*ESRP1*	NM_001034915:exon11:c.G1418A:p.R473H,ESRP1	Missense_Mutation		COSM467609
VSCC7	chr2:141665596-141665596	C	G	*LRP1B*	NM_018557:exon22:c.G3370C:p.D1124H	Missense_Mutation	*LRP1B*	COSM4169244
VSCC7	chr9:33799163-33799163	C	A	*PRSS3*	NM_001197098:exon5:c.C708A:p.I236I,PRSS3	Silent		
VSCC7	chr9:35612975-35612975	G	A	*CD72*	NM_001782:exon6:c.C704T:p.S235L	Missense_Mutation		
VSCC7	chr9:72338499-72338499	G	A	*PTAR1*	NM_001099666:exon6:c.C690T:p.H230H	Silent		
VSCC7	chr9:91690062-91690062	T	C	*SHC3*	NM_016848:exon4:c.A691G:p.T231A	Missense_Mutation		COSM1178149
VSCC7	chr9:91940517-91940517	C	T	*SECISBP2*	NM_001282688:exon3:c.C358T:p.R120X,SECISBP2	Nonsense_Mutation		COSM4041682
VSCC7	chr9:96429416-96429416	G	A	*PHF2*	NM_005392:exon17:c.G2242A:p.G748S	Missense_Mutation		
VSCC7	chr9:104302573-104302573	G	A	*RNF20*	NM_019592:exon3:c.G218A:p.R73H	Missense_Mutation		
VSCC7	chr9:107560804-107560804	G	A	*ABCA1*	NM_005502:exon37:c.C5019T:p.V1673V	Silent		
VSCC7	chr9:113169034-113169034	C	A	*SVEP1*	NM_153366:exon38:c.G8846T:p.C2949F	Missense_Mutation		
VSCC7	chr9:115567073-115567073	C	T	*SNX30*	NM_001012994:exon2:c.C174T:p.N58N	Silent		
VSCC7	chr9:118950133-118950133	C	T	*PAPPA*	NM_002581:exon2:c.C1116T:p.R372R	Silent		COSM3728330

VSCC7	chr9:130928634-130928634	G	A	*CIZ1*	NM_001257976:exon16:c.C2236T:p.R746W,CIZ1	Missense_Mutation	COSM4039088
VSCC7	chr9:131589413-131589413	G	A	*C9orf114*	NM_016390:exon4:c.C266T:p.S89L	Missense_Mutation	
VSCC7	chr9:135759368-135759368	G	A	*C9orf9*	NM_001316897:exon2:c.G34A:p.E12K,C9orf9	Missense_Mutation	
VSCC7	chr10:5979184-5979184	C	T	*FBXO18*	NM_178150:exon21:c.C3073T:p.R1025C,FBXO18	Missense_Mutation	
VSCC7	chr10:84733607-84733607	G	A	*NRG3*	NM_001010848:exon7:c.G1348A:p.G450S,NRG3	Missense_Mutation	
VSCC7	chr10:93952265-93952265	G	A	*CPEB3*	NM_014912:exon3:c.C1134T:p.F378F	Silent	
VSCC7	chr10:105765771-105765771	G	A	*SLK*	NM_001304743:exon11:c.G2582A:p.R861Q,SLK	Missense_Mutation	
VSCC7	chr10:111884032-111884032	G	A	*ADD3*	NM_001121:exon10:c.G1401A:p.T467T,ADD3	Silent	
VSCC7	chr10:114192253-114192253	A	G	*ZDHHC6*	NM_001303134:exon9:c.T960C:p.Y320Y,ZDHHC6	Silent	
VSCC7	chr10:115609064-115609064	C	T	*DCLRE1A*	NM_014881:exon2:c.G1800A:p.K600K,DCLRE1A	Silent	
VSCC7	chr10:115981217-115981217	C	T	*TDRD1*	NM_198795:exon20:c.C2872T:p.L958L	Silent	
VSCC7	chr10:116603677-116603677	G	A	*FAM160B1*	NM_001135051:exon7:c.G994A:p.V332M,FAM160B1	Missense_Mutation	
VSCC7	chr11:5068663-5068663	G	A	*OR52J3*	NM_001001916:exon1:c.G908A:p.R303Q	Missense_Mutation	COSM959850
VSCC7	chr11:6964423-6964423	G	A	*ZNF215*	NM_013250:exon5:c.G593A:p.R198K	Missense_Mutation	
VSCC7	chr11:33076192-33076192	G	A	*TCP11L1*	NM_001145541:exon3:c.G217A:p.V73I,TCP11L1	Missense_Mutation	
VSCC7	chr11:46564615-46564615	G	A	*AMBRA1*	NM_001300731:exon7:c.C952T:p.R318X	Nonsense_Mutation	COSM2219890
VSCC7	chr11:46880702-46880702	G	A	*LRP4*	NM_002334:exon38:c.C5550T:p.I1850I	Silent	COSM963580
VSCC7	chr11:64003398-64003398	G	A	*VEGFB*	NM_001243733:exon3:c.G217A:p.V73M,VEGFB	Missense_Mutation	

VSCC7	chr11:67432799-67432799	G	A	*ALDH3B2*	NM_000695:exon7:c.C663T:p.R221R,ALDH3B2	Silent	
VSCC7	chr11:73687990-73687990	G	A	*UCP2*	NM_003355:exon5:c.C410T:p.T137M	Missense_Mutation	
VSCC7	chr11:101775633-101775633	G	A	*ANGPTL5*	NM_178127:exon5:c.C351T:p.N117N	Silent	COSM971036
VSCC7	chr11:107312265-107312265	C	T	*CWF19L2*	NM_152434:exon5:c.G534A:p.R178R	Silent	
VSCC7	chr11:128354844-128354844	C	T	*ETS1*	NM_005238:exon5:c.G604A:p.E202K,ETS1	Missense_Mutation	
VSCC7	chr11:128839937-128839937	C	T	*ARHGAP32*	NM_014715:exon13:c.G4082A:p.R1361H,ARHGAP32	Missense_Mutation	COSM1210599
VSCC7	chr12:11506932-11506932	A	C	*PRB1*	NM_199353:exon3:c.T105G:p.N35K,PRB1	Missense_Mutation	
VSCC7	chr12:13717347-13717347	G	A	*GRIN2B*	NM_000834:exon13:c.C2825T:p.T942M	Missense_Mutation	
VSCC7	chr12:25148821-25148821	C	T	*C12orf77*	NM_001101339:exon3:c.G327A:p.T109T	Silent	
VSCC7	chr12:31944956-31944956	G	A	*H3F3C*	NM_001013699:exon1:c.C145T:p.R49X	Nonsense_Mutation	
VSCC7	chr12:41327522-41327522	G	A	*CNTN1*	NM_175038:exon7:c.G794A:p.R265Q,CNTN1	Missense_Mutation	
VSCC7	chr12:53040720-53040720	C	T	*KRT2*	NM_000423:exon7:c.G1273A:p.A425T	Missense_Mutation	COSM4169244
VSCC7	chr12:56345838-56345838	G	A	*DGKA*	NM_001345:exon19:c.G1607A:p.R536Q,DGKA	Missense_Mutation	COSM435868
VSCC7	chr12:57578934-57578934	G	A	*LRP1*	NM_002332:exon40:c.G6409A:p.G2137S	Missense_Mutation	
VSCC7	chr12:57579581-57579581	G	A	*LRP1*	NM_002332:exon41:c.G6731A:p.R2244Q	Missense_Mutation	COSM4854871
VSCC7	chr12:106633455-106633455	C	T	*CKAP4*	NM_006825:exon2:c.G1156A:p.G386R	Missense_Mutation	
VSCC7	chr12:109186523-109186523	C	T	*SSH1*	NM_001161331:exon13:c.G1465A:p.D489N,SSH1	Missense_Mutation	COSM5439527
VSCC7	chr12:116425055-116425055	G	A	*MED13L*	NM_015335:exon18:c.C3973T:p.R1325C	Missense_Mutation	

VSCC7	chr12:118469012-118469012	G	A	*RFC5*	NM_001206801:exon11:c.G943A:p.E315K,RFC5	Missense_Mutation	COSM1476005
VSCC7	chr13:33635511-33635511	C	T	*KL*	NM_004795:exon4:c.C2295T:p.F765F	Silent	
VSCC7	chr13:52513259-52513259	C	T	*ATP7B*	NM_001005918:exon13:c.G3006A:p.L1002L,ATP7B	Silent	
VSCC7	chr13:88328512-88328512	C	T	*SLITRK5*	NM_015567:exon2:c.C869T:p.S290F	Missense_Mutation	
VSCC7	chr13:99449423-99449423	C	T	*DOCK9*	UNKNOWN	unknown	COSM4169244
VSCC7	chr13:113464952-113464952	G	A	*ATP11A*	NM_015205:exon5:c.G353A:p.R118Q,ATP11A	Missense_Mutation	
VSCC7	chr14:35465963-35465963	G	A	*SRP54*	NM_003136:exon2:c.G48A:p.S16S	Silent	
VSCC7	chr14:79175799-79175799	T	A	*NRXN3*	NM_004796:exon4:c.T342A:p.T114T	Silent	COSM1610421
VSCC7	chr14:91884018-91884018	G	C	*CCDC88C*	NM_001080414:exon1:c.C17G:p.S6W	Missense_Mutation	COSM3193457
VSCC7	chr14:105176474-105176474	G	A	*INF2*	NM_001031714:exon13:c.G2188A:p.V730M,INF2	Missense_Mutation	COSM3196517
VSCC7	chr14:105920632-105920632	G	A	*MTA1*	NM_001203258:exon7:c.G535A:p.D179N,MTA1	Missense_Mutation	COSM4068673
VSCC7	chr15:23002903-23002903	C	T	*CYFIP1*	NM_001033028:exon16:c.C2332T:p.R778C,CYFIP1	Missense_Mutation	
VSCC7	chr15:43658847-43658847	C	T	*ZSCAN29*	NM_152455:exon3:c.G683A:p.R228K	Missense_Mutation	COSM4069051
VSCC7	chr15:45389889-45389889	C	T	*DUOX2*	NM_014080:exon28:c.G3616A:p.A1206T	Missense_Mutation	
VSCC7	chr15:59974609-59974609	C	T	*BNIP2*	NM_004330:exon2:c.G411A:p.P137P	Silent	
VSCC7	chr15:62208031-62208031	G	A	*VPS13C*	NM_017684:exon59:c.C8117T:p.T2706M,VPS13C	Missense_Mutation	COSM5798496
VSCC7	chr15:68504054-68504054	G	A	*CLN6*	NM_017882:exon4:c.C445T:p.R149C	Missense_Mutation	
VSCC7	chr15:75694296-75694296	G	A	*SIN3A*	NM_001145357:exon10:c.C1423T:p.R475W,SIN3A	Missense_Mutation	
VSCC7	chr16:1444185-1444185	C	T	*UNKL*	NM_001193388:exon7:c.G884A:p.R295H	Missense_Mutation	COSM3524225

VSCC7	chr16:4848631-4848631	C	T	*ROGDI*	NM_024589:exon7:c.G470A:p.R157Q	Missense_Mutation	
VSCC7	chr16:14742420-14742420	G	A	*BFAR*	NM_016561:exon3:c.G439A:p.G147S	Missense_Mutation	
VSCC7	chr16:19127388-19127388	G	A	*ITPRIPL2*	NM_001034841:exon1:c.G1605A:p.P535P	Silent	COSM1582374
VSCC7	chr16:27356198-27356198	C	T	*IL4R*	NM_001257406:exon4:c.C218T:p.T73M,IL4R	Missense_Mutation	COSM1476005
VSCC7	chr16:27497406-27497406	C	T	*GTF3C1*	NM_001286242:exon24:c.G3770A:p.R1257Q,GTF3C1	Missense_Mutation	
VSCC7	chr16:27692753-27692753	G	A	*KIAA0556*	NM_015202:exon8:c.G842A:p.R281Q	Missense_Mutation	COSM5037862
VSCC7	chr16:67916943-67916943	G	A	*EDC4*	NM_014329:exon27:c.G3712A:p.V1238I	Missense_Mutation	COSM4679190
VSCC7	chr16:68108048-68108048	C	T	*DUS2*	NM_001271763:exon11:c.C817T:p.R273W,DUS2	Missense_Mutation	COSM3227302
VSCC7	chr16:70305775-70305775	G	A	*AARS*	NM_001605:exon5:c.C580T:p.R194W	Missense_Mutation	
VSCC7	chr16:84229436-84229436	G	A	*ADAD2*	NM_001145400:exon7:c.G1068A:p.S356S,ADAD2	Silent	
VSCC7	chr16:85697029-85697029	G	A	*GSE1*	NM_001134473:exon10:c.G2141A:p.R714Q,GSE1	Missense_Mutation	
VSCC7	chr16:88666329-88666329	G	A	*ZC3H18*	NM_144604:exon6:c.G1061A:p.R354Q,ZC3H18	Missense_Mutation	
VSCC7	chr17:293095-293095	C	T	*FAM101B*	UNKNOWN	unknown	COSM4169244
VSCC7	chr17:6928502-6928502	G	A	*BCL6B*	NM_181844:exon5:c.G872A:p.R291Q	Missense_Mutation	
VSCC7	chr17:7129587-7129587	C	T	*DVL2*	NM_004422:exon15:c.G1808A:p.R603H	Missense_Mutation	
VSCC7	chr17:17179426-17179426	C	T	*COPS3*	NM_001199125:exon2:c.G48A:p.A16A,COPS3	Silent	
VSCC7	chr17:17699466-17699466	G	A	*RAI1*	NM_030665:exon3:c.G3204A:p.T1068T	Silent	
VSCC7	chr17:33984730-33984730	G	A	*AP2B1*	NM_001030006:exon14:c.G1909A:p.G637S,AP2B1	Missense_Mutation	
VSCC7	chr17:41858521-41858521	G	A	*C17orf105*	NM_001136483:exon2:c.G159A:p.A53A	Silent	

VSCC7	chr17:42964077-42964077	G	A	*EFTUD2*	NM_001142605:exon2:c.C42T:p.D14D,EFTUD2	Silent	
VSCC7	chr17:46629792-46629792	G	A	*HOXB3*	NM_002146:exon3:c.C45T:p.F15F	Silent	
VSCC7	chr17:49825064-49825064	G	A	*CA10*	NM_020178:exon4:c.C394T:p.R132X,CA10	Nonsense_Mutation	COSM146130
VSCC7	chr17:57963580-57963580	G	A	*TUBD1*	NM_001193609:exon3:c.C184T:p.R62W,TUBD1	Missense_Mutation	COSM3746499
VSCC7	chr17:62019209-62019209	G	A	*SCN4A*	NM_000334:exon24:c.C4433T:p.S1478L	Missense_Mutation	
VSCC7	chr17:62582218-62582218	G	A	*SMURF2*	NM_022739:exon6:c.C471T:p.N157N	Silent	
VSCC7	chr17:67110969-67110969	G	A	*ABCA6*	NM_080284:exon13:c.C1716T:p.T572T	Silent	
VSCC7	chr17:74639634-74639634	G	A	*ST6GALNAC1*	NM_018414:exon1:c.C87T:p.F29F	Silent	
VSCC7	chr17:76047223-76047223	G	A	*TNRC6C*	NM_001142640:exon4:c.G2080A:p.G694R,TNRC6C	Missense_Mutation	
VSCC7	chr17:79662978-79662978	G	A	*HGS*	NM_004712:exon15:c.G1342A:p.G448S	Missense_Mutation	
VSCC7	chr17:80615898-80615898	C	T	*RAB40B*	NM_006822:exon6:c.G678A:p.S226S	Silent	COSM475262
VSCC7	chr18:9950395-9950395	G	C	*VAPA*	NM_194434:exon5:c.G421C:p.D141H,VAPA	Missense_Mutation	
VSCC7	chr18:12009942-12009942	G	A	*IMPA2*	NM_014214:exon3:c.G291A:p.T97T	Silent	
VSCC7	chr18:32459629-32459629	G	A	*DTNA*	NM_001198943:exon10:c.G1097A:p.R366Q,DTNA	Missense_Mutation	
VSCC7	chr18:33267135-33267135	G	A	*GALNT1*	NM_020474:exon5:c.G845A:p.R282Q	Missense_Mutation	
VSCC7	chr18:50734143-50734143	C	T	*DCC*	NM_005215:exon11:c.C1817T:p.P606L	Missense_Mutation	COSM3799738
VSCC7	chr19:1466533-1466533	C	T	*APC2*	NM_005883:exon15:c.C3233T:p.S1078L	Missense_Mutation	
VSCC7	chr19:1584615-1584615	G	A	*MBD3*	NM_001281453:exon3:c.C332T:p.P111L,MBD3	Missense_Mutation	

VSCC7	chr19:2191212-2191212	G	A	*DOT1L*	NM_032482:exon5:c.G466A:p.D156N	Missense_Mutation	
VSCC7	chr19:4216634-4216634	C	T	*ANKRD24*	NM_133475:exon18:c.C1477T:p.R493W	Missense_Mutation	
VSCC7	chr19:5832261-5832261	G	A	*FUT6*	NM_001040701:exon2:c.C318T:p.I106I,FUT6	Silent	COSM4740954
VSCC7	chr19:6760956-6760956	G	A	*SH2D3A*	NM_005490:exon3:c.C112T:p.R38C	Missense_Mutation	COSM1726743
VSCC7	chr19:10568646-10568646	G	A	*PDE4A*	NM_006202:exon3:c.G252A:p.P84P,PDE4A	Silent	COSM2822456
VSCC7	chr19:10738617-10738617	G	A	*SLC44A2*	NM_001145056:exon4:c.G176A:p.R59Q,SLC44A2	Missense_Mutation	
VSCC7	chr19:11558331-11558331	G	A	*PRKCSH*	NM_001289102:exon10:c.G927A:p.S309S,PRKCSH	Silent	
VSCC7	chr19:16910878-16910878	G	A	*NWD1*	NM_001007525:exon17:c.G3641A:p.R1214H,NWD1	Missense_Mutation	
VSCC7	chr19:30165485-30165485	G	A	*PLEKHF1*	NM_024310:exon2:c.G739A:p.D247N	Missense_Mutation	
VSCC7	chr19:36145502-36145502	G	A	*COX6B1*	NM_001863:exon3:c.G136A:p.A46T	Missense_Mutation	
VSCC7	chr19:36430556-36430556	C	T	*LRFN3*	NM_024509:exon2:c.C229T:p.R77C	Missense_Mutation	
VSCC7	chr19:40486260-40486260	G	A	*PSMC4*	NM_006503:exon9:c.G986A:p.R329H,PSMC4	Missense_Mutation	COSM1331935
VSCC7	chr19:40832378-40832378	C	T	*C19orf47*	NM_001256440:exon7:c.G566A:p.R189Q,C19orf47	Missense_Mutation	
VSCC7	chr19:44223252-44223252	G	A	*IRGC*	NM_019612:exon2:c.G542A:p.R181Q	Missense_Mutation	
VSCC7	chr19:44892225-44892225	T	G	*ZNF285*	NM_001291489:exon4:c.A182C:p.K61T,ZNF285	Missense_Mutation	COSM3406419
VSCC7	chr19:44892228-44892228	G	C	*ZNF285*	NM_001291489:exon4:c.C179G:p.A60G,ZNF285	Missense_Mutation	
VSCC7	chr19:47280269-47280269	C	T	*SLC1A5*	NM_001145145:exon6:c.G745A:p.D249N,SLC1A5	Missense_Mutation	
VSCC7	chr19:47844488-47844488	G	A	*C5AR2*	NM_001271749:exon2:c.G432A:p.T144T,C5AR2	Silent	

VSCC7	chr19:50339170-50339170	C	T	*MED25*	NM_030973:exon16:c.C1933T:p.Q645X	Nonsense_Mutation	
VSCC7	chr19:51329935-51329935	C	T	*KLK15*	NM_001277081:exon4:c.G557A:p.R186H,KLK15	Missense_Mutation	COSM1112287
VSCC7	chr19:52001390-52001390	C	T	*SIGLEC12*	NM_033329:exon4:c.G933A:p.G311G,SIGLEC12	Silent	
VSCC7	chr19:54963342-54963342	G	A	*LENG8*	NM_052925:exon3:c.G111A:p.P37P	Silent	
VSCC7	chr19:55106239-55106239	G	A	*LILRA1*	NM_001278319:exon3:c.G180A:p.L60L,LILRA1	Silent	
VSCC7	chr20:18143305-18143305	G	A	*CSRP2BP*	NM_020536:exon6:c.G1387A:p.V463M	Missense_Mutation	
VSCC7	chr20:18286970-18286970	C	A	*ZNF133*	NM_001283006:exon2:c.C171A:p.I57I,ZNF133	Silent	
VSCC7	chr20:18370438-18370438	C	T	*DZANK1*	NM_001099407:exon19:c.G1925A:p.R642Q	Missense_Mutation	COSM676883
VSCC7	chr20:47649659-47649659	C	T	*ARFGEF2*	NM_006420:exon39:c.C5281T:p.R1761W	Missense_Mutation	
VSCC7	chr20:60908513-60908513	C	T	*LAMA5*	NM_005560:exon25:c.G3046A:p.A1016T	Missense_Mutation	
VSCC7	chr20:60921795-60921795	G	A	*LAMA5*	NM_005560:exon8:c.C1134T:p.R378R	Silent	
VSCC7	chr20:62642824-62642824	G	A	*PRPF6*	NM_012469:exon11:c.G1492A:p.G498S	Missense_Mutation	COSM5589598
VSCC7	chr21:33076217-33076217	G	A	*SCAF4*	NM_001145444:exon3:c.C137T:p.P46L,SCAF4	Missense_Mutation	
VSCC7	chr21:43693475-43693475	G	A	*ABCG1*	NM_004915:exon4:c.G467A:p.R156Q,ABCG1	Missense_Mutation	
VSCC7	chr21:44293795-44293795	G	A	*WDR4*	NM_001260474:exon3:c.C162T:p.D54D,WDR4	Silent	
VSCC7	chr21:47404310-47404310	G	A	*COL6A1*	NM_001848:exon3:c.G355A:p.A119T	Missense_Mutation	COSM911775
VSCC7	chr21:47546124-47546124	G	A	*COL6A2*	NM_001849:exon26:c.G2395A:p.D799N,COL6A2	Missense_Mutation	
VSCC7	chr21:47711368-47711368	G	A	*YBEY*	NM_001006114:exon3:c.G331A:p.V111I,YBEY	Missense_Mutation	COSM3749073

VSCC7	chr22:29725703-29725703	C	G	*AP1B1*	NM_001127:exon22:c.G2773C:p.E925Q	Missense_Mutation		COSM2184791
VSCC7	chr22:32097652-32097652	G	A	*PRR14L*	NM_173566:exon7:c.C6097T:p.R2033X	Nonsense_Mutation		
VSCC7	chr22:38121301-38121301	C	A	*TRIOBP*	NM_001039141:exon7:c.C2738A:p.P913Q	Missense_Mutation		
VSCC7	chr22:44692612-44692612	G	A	*KIAA1644*	NM_001099294:exon3:c.C221T:p.T74M	Missense_Mutation		COSM5491258
VSCC7	chrX:18192184-18192184	G	C	*BEND2*	NM_001184767:exon10:c.C1674G:p.S558S,BEND2	Silent		
VSCC7	chrX:22291956-22291956	C	T	*ZNF645*	NM_152577:exon1:c.C848T:p.A283V	Missense_Mutation		
VSCC7	chrX:35984695-35984695	C	T	*CFAP47*	NM_001304548:exon9:c.C1424T:p.S475L,CFAP47	Missense_Mutation		COSM5047911
VSCC7	chrX:37028205-37028205	T	C	*FAM47C*	NM_001013736:exon1:c.T1722C:p.P574P	Silent		
VSCC7	chrX:48564987-48564987	C	T	*SUV39H1*	NM_001282166:exon5:c.C1107T:p.G369G,SUV39H1	Silent		
VSCC7	chrX:49110498-49110498	C	T	*FOXP3*	NM_001114377:exon8:c.G742A:p.V248I,FOXP3	Missense_Mutation		
VSCC7	chrX:53573752-53573752	C	A	*HUWE1*	NM_031407:exon69:c.G10671T:p.A3557A	Silent		
VSCC7	chrX:70368701-70368701	C	T	*NLGN3*	NM_181303:exon3:c.C463T:p.R155W	Missense_Mutation		COSM5756107
VSCC7	chrX:101912053-101912053	C	T	*GPRASP1*	NM_001099411:exon3:c.C3212T:p.P1071L,GPRASP1	Missense_Mutation		
VSCC7	chrX:102931423-102931423	G	A	*MORF4L2*	NM_001142420:exon3:c.C533T:p.A178V,MORF4L2	Missense_Mutation		
VSCC7	chrX:106229334-106229334	G	A	*MORC4*	NM_001085354:exon4:c.C405T:p.D135D,MORC4	Silent		
VSCC7	chrX:110395675-110395675	G	A	*PAK3*	NM_001128167:exon5:c.G468A:p.S156S,PAK3	Silent		
VSCC7	chr17:36865522-36865522	G	A	*MLLT6*	NM_005937:exon5:c.G451A:p.V151I	Missense_Mutation	*MLLT6*	
VSCC7	chr19:11144179-11144179	G	A	*SMARCA4*	NM_001128845:exon25:c.G3760A:p.E1254K,SMARCA4	Missense_Mutation	*SMARCA4*	

VSCC7	chr19:1223113-1223113	C	T	*STK11*	NM_000455:exon8:c.C1050T:p.D350D	Silent	*STK11*	
VSCC7	chr10:114925711-114925711	G	A	*TCF7L2*	NM_001146285:exon13:c.G1720A:p.V574I,TCF7L2	Missense_Mutation	*TCF7L2*	
VSCC7	chr17:7577559-7577559	G	T	*TP53*	NM_001126115:exon3:c.C326A:p.S109Y,TP53	Missense_Mutation	*TP53*	
VSCC7	chr16:72830616-72830616	C	T	*ZFHX3*	NM_001164766:exon8:c.G3223A:p.G1075S,ZFHX3	Missense_Mutation	*ZFHX3*	COSM1616816
VSCC7	chr11:95825372-95825374	TGT	-	*MAML2*	NM_032427:exon2:c.1821_1823del:p.607_608del	In_Frame_Del	*MAML2*	COSM5915171
VSCC7	chr1:209605637-209605648	AGCAGCAGCAGC	-	*MIR205HG*	NM_001104548:exon4:c.252_263del:p.84_88del	In_Frame_Del		COSM3767318
VSCC7	chr8:103573011-103573037	TGCAACCCCTGCAGCCCCTGCAACCCG	-	*ODF1*	NM_024410:exon2:c.652_678del:p.218_226del	In_Frame_Del		
VSCC7	chr9:79318376-79318390	GTGACAGCCTGCAAC	-	*PRUNE2*	NM_001308047:exon9:c.8139_8153del:p.2713_2718del,PRUNE2	In_Frame_Del		
VSCC7	chr17:76798549-76798554	TTTTTC	-	*USP36*	NM_025090:exon17:c.2874_2879del:p.958_960del	In_Frame_Del		
VSCC8	chr5:112179816-112179816	C	G	*APC*	NM_001127511:exon14:c.C8471G:p.S2824C,APC	Missense_Mutation	*APC*	
VSCC8	chr8:42865517-42865517	G	A	*HOOK3*	NM_032410:exon19:c.G1808A:p.R603Q	Missense_Mutation	*HOOK3*	
VSCC8	chr7:151860394-151860394	C	G	*KMT2C*	NM_170606:exon43:c.G10268C:p.R3423T	Missense_Mutation	*KMT2C*	
VSCC8	chr7:151877851-151877851	G	A	*KMT2C*	NM_170606:exon36:c.C7094T:p.T2365I	Missense_Mutation	*KMT2C*	COSM3605771
VSCC8	chr18:56414994-56414994	A	T	*MALT1*	NM_173844:exon16:c.A2362T:p.S788C,MALT1	Missense_Mutation	*MALT1*	
VSCC8	chr11:95825644-95825644	G	A	*MAML2*	NM_032427:exon2:c.C1551T:p.A517A	Silent	*MAML2*	
VSCC8	chr1:11561190-11561190	G	A	*PTCHD2*	NM_020780:exon2:c.G141A:p.R47R	Silent		
VSCC8	chr1:14105798-14105798	G	A	*PRDM2*	NM_001007257:exon3:c.G905A:p.R302H,PRDM2	Missense_Mutation		

VSCC8	chr1:17668535-17668535	C	T	*PADI4*	NM_012387:exon7:c.C750T:p.Y250Y	Silent	COSM4168696
VSCC8	chr1:21890624-21890624	C	A	*ALPL*	NM_001177520:exon4:c.C332A:p.S111X,ALPL	Nonsense_Mutation	
VSCC8	chr1:21890625-21890625	A	G	*ALPL*	NM_001177520:exon4:c.A333G:p.S111S,ALPL	Silent	
VSCC8	chr1:23234493-23234493	G	T	*EPHB2*	NM_001309192:exon10:c.G2010T:p.R670R,EPHB2	Silent	
VSCC8	chr1:26665790-26665790	G	A	*AIM1L*	NM_001039775:exon6:c.C3335T:p.S1112F	Missense_Mutation	
VSCC8	chr1:45475672-45475672	C	T	*HECTD3*	NM_024602:exon4:c.G745A:p.V249I	Missense_Mutation	COSM1382731
VSCC8	chr1:64120102-64120102	G	A	*PGM1*	NM_001172818:exon10:c.G1618A:p.E540K,PGM1	Missense_Mutation	
VSCC8	chr1:66102326-66102326	G	A	*LEPR*	NM_002303:exon20:c.G3126A:p.Q1042Q	Silent	COSM3610248
VSCC8	chr1:67301445-67301445	A	G	*WDR78*	NM_024763:exon11:c.T1597C:p.Y533H	Missense_Mutation	
VSCC8	chr1:74648272-74648272	T	C	*LRRIQ3*	NM_001105659:exon3:c.A523G:p.K175E	Missense_Mutation	
VSCC8	chr1:87045902-87045902	A	T	*CLCA4*	NM_012128:exon14:c.A2634T:p.T878T	Silent	
VSCC8	chr1:152191580-152191580	C	T	*HRNR*	NM_001009931:exon3:c.G2525A:p.G842E	Missense_Mutation	COSM3619928
VSCC8	chr1:174418135-174418135	C	T	*GPR52*	NM_005684:exon1:c.C886T:p.P296S	Missense_Mutation	
VSCC8	chr1:196227495-196227495	T	G	*KCNT2*	NM_001287819:exon25:c.A2968C:p.S990R,KCNT2	Missense_Mutation	
VSCC8	chr1:203024616-203024616	G	A	*PPFIA4*	NM_001304331:exon16:c.G1886A:p.R629H,PPFIA4	Missense_Mutation	
VSCC8	chr1:205035618-205035618	C	T	*CNTN2*	NM_005076:exon15:c.C1866T:p.T622T	Silent	
VSCC8	chr1:228463612-228463612	C	T	*OBSCN*	NM_001098623:exon21:c.C6105T:p.I2035I,OBSCN	Silent	
VSCC8	chr1:233489599-233489599	C	T	*KIAA1804*	NM_032435:exon3:c.C1033T:p.R345W	Missense_Mutation	COSM3860492

VSCC8	chr1:241519041-241519041	G	T	*RGS7*	NM_001282773:exon2:c.C36A:p.N12K,RGS7	Missense_Mutation	
VSCC8	chr2:233223-233223	C	T	*SH3YL1*	NM_001159597:exon6:c.G411A:p.L137L,SH3YL1	Silent	
VSCC8	chr2:31573034-31573034	C	T	*XDH*	NM_000379:exon25:c.G2687A:p.R896Q	Missense_Mutation	
VSCC8	chr2:37215892-37215892	T	G	*HEATR5B*	NM_019024:exon35:c.A5808C:p.K1936N	Missense_Mutation	
VSCC8	chr2:74757524-74757524	G	A	*HTRA2*	NM_013247:exon1:c.G391A:p.V131I,HTRA2	Missense_Mutation	COSM4675987
VSCC8	chr2:118696670-118696670	C	T	*CCDC93*	NM_019044:exon20:c.G1540A:p.E514K	Missense_Mutation	
VSCC8	chr2:138320871-138320871	C	A	*THSD7B*	NM_001316349:exon16:c.C3219A:p.N1073K	Missense_Mutation	
VSCC8	chr2:143742703-143742703	C	G	*KYNU*	NM_001032998:exon9:c.C780G:p.L260L,KYNU	Silent	COSM4703954
VSCC8	chr2:186667948-186667948	G	C	*FSIP2*	NM_173651:exon17:c.G14182C:p.V4728L	Missense_Mutation	
VSCC8	chr2:197183532-197183532	G	A	*HECW2*	NM_001304840:exon7:c.C1014T:p.A338A,HECW2	Silent	COSM1488208
VSCC8	chr2:231050727-231050727	C	T	*SP110*	NM_004509:exon11:c.G1262A:p.R421Q,SP110	Missense_Mutation	
VSCC8	chr2:242681962-242681962	C	T	*D2HGDH*	NM_001287249:exon3:c.C61T:p.R21W,D2HGDH	Missense_Mutation	
VSCC8	chr3:402091-402091	C	T	*CHL1*	NM_001253388:exon10:c.C1290T:p.A430A,CHL1	Silent	
VSCC8	chr3:112999884-112999884	A	G	*BOC*	NM_001301861:exon15:c.A2318G:p.K773R,BOC	Missense_Mutation	
VSCC8	chr3:123383038-123383038	G	A	*MYLK*	NM_053026:exon22:c.C3692T:p.A1231V,MYLK	Missense_Mutation	
VSCC8	chr3:124352795-124352795	G	A	*KALRN*	NM_007064:exon3:c.G469A:p.E157K,KALRN	Missense_Mutation	COSM262200
VSCC8	chr3:180630486-180630486	A	G	*FXR1*	NM_001013438:exon1:c.A13G:p.T5A,FXR1	Missense_Mutation	
VSCC8	chr3:184075627-184075627	G	A	*CLCN2*	NM_001171088:exon5:c.C501T:p.I167I,CLCN2	Silent	

VSCC8	chr3:189705389-189705389	A	G	*P3H2*	NM_001134418:exon5:c.T482C:p.V161A,P3H2	Missense_Mutation	
VSCC8	chr4:3446064-3446064	G	C	*HGFAC*	NM_001297439:exon6:c.G625C:p.E209Q,HGFAC	Missense_Mutation	
VSCC8	chr4:6288864-6288864	G	A	*WFS1*	NM_001145853:exon3:c.G277A:p.E93K,WFS1	Missense_Mutation	
VSCC8	chr4:8376724-8376724	G	A	*ACOX3*	NM_001101667:exon15:c.C1809T:p.H603H,ACOX3	Silent	
VSCC8	chr4:48490889-48490889	A	G	*SLC10A4*	NM_152679:exon3:c.A1247G:p.D416G	Missense_Mutation	
VSCC8	chr4:74903826-74903826	C	T	*CXCL3*	NM_002090:exon3:c.G292A:p.E98K	Missense_Mutation	COSM2868963
VSCC8	chr4:138450837-138450837	G	C	*PCDH18*	NM_001300828:exon1:c.C2406G:p.L802L,PCDH18	Silent	
VSCC8	chr4:156825192-156825192	G	A	*TDO2*	NM_005651:exon2:c.G58A:p.V20I	Missense_Mutation	
VSCC8	chr4:166261451-166261451	G	A	*MSMO1*	NM_001017369:exon4:c.G217A:p.V73M,MSMO1	Missense_Mutation	
VSCC8	chr5:7868091-7868091	C	G	*FASTKD3*	NM_024091:exon2:c.G106C:p.V36L	Missense_Mutation	
VSCC8	chr5:32090266-32090266	C	T	*PDZD2*	NM_178140:exon19:c.C6712T:p.H2238Y	Missense_Mutation	
VSCC8	chr5:36170474-36170474	C	T	*SKP2*	NM_001243120:exon4:c.C58T:p.R20X,SKP2	Nonsense_Mutation	
VSCC8	chr5:41154034-41154034	C	G	*C6*	NM_000065:exon15:c.G2168C:p.R723T,C6	Missense_Mutation	COSM5955422
VSCC8	chr5:42810811-42810811	T	C	*SEPP1*	UNKNOWN	unknown	
VSCC8	chr5:74675279-74675279	T	G	*COL4A3BP*	NM_031361:exon16:c.A1689C:p.A563A,COL4A3BP	Silent	
VSCC8	chr5:140262340-140262340	G	T	*PCDHA13*	NM_018904:exon1:c.G487T:p.G163X,PCDHA13	Nonsense_Mutation	
VSCC8	chr5:140263676-140263676	C	T	*PCDHA13*	NM_018904:exon1:c.C1823T:p.S608L,PCDHA13	Missense_Mutation	
VSCC8	chr5:140735621-140735621	G	C	*PCDHGA4*	NM_018917:exon1:c.G947C:p.R316T,PCDHGA4	Missense_Mutation	
VSCC8	chr5:147781557-147781557	C	T	*FBXO38*	NM_001271723:exon4:c.C275T:p.A92V,FBXO38	Missense_Mutation	

VSCC8	chr5:177031365-177031365	C	T	*B4GALT7*	NM_007255:exon2:c.C236T:p.P79L	Missense_Mutation	
VSCC8	chr6:11778902-11778902	C	T	*ADTRP*	NM_001143948:exon1:c.G91A:p.E31K,ADTRP	Missense_Mutation	
VSCC8	chr6:49485148-49485148	G	C	*GLYATL3*	NM_001010904:exon4:c.G192C:p.E64D	Missense_Mutation	
VSCC8	chr6:85473811-85473811	T	C	*TBX18*	NM_001080508:exon1:c.A89G:p.K30R	Missense_Mutation	
VSCC8	chr6:116265559-116265559	G	C	*FRK*	NM_002031:exon6:c.C988G:p.Q330E	Missense_Mutation	COSM3927658
VSCC8	chr6:144898276-144898276	C	T	*UTRN*	NM_007124:exon50:c.C7331T:p.T2444M	Missense_Mutation	
VSCC8	chr6:152779934-152779934	C	G	*SYNE1*	NM_033071:exon22:c.G2547C:p.E849D,SYNE1	Missense_Mutation	
VSCC8	chr6:169051410-169051410	G	A	*SMOC2*	NM_001166412:exon10:c.G957A:p.A319A,SMOC2	Silent	
VSCC8	chr7:32209494-32209494	G	A	*PDE1C*	NM_001191058:exon3:c.C211T:p.P71S	Missense_Mutation	
VSCC8	chr7:73122965-73122965	C	T	*STX1A*	NM_001165903:exon3:c.G162A:p.V54V,STX1A	Silent	
VSCC8	chr7:82579971-82579971	C	T	*PCLO*	NM_014510:exon6:c.G9933A:p.K3311K,PCLO	Silent	
VSCC8	chr7:88963152-88963152	A	C	*ZNF804B*	NM_181646:exon4:c.A856C:p.S286R	Missense_Mutation	
VSCC8	chr7:99260461-99260461	C	T	*CYP3A5*	NM_000777:exon9:c.G843A:p.S281S,CYP3A5	Silent	
VSCC8	chr7:100017341-100017341	T	C	*ZCWPW1*	NM_001258008:exon4:c.A194G:p.E65G,ZCWPW1	Missense_Mutation	
VSCC8	chr7:100275250-100275250	G	A	*GNB2*	NM_005273:exon6:c.G397A:p.V133I	Missense_Mutation	
VSCC8	chr7:100684780-100684780	C	A	*MUC17*	NM_001040105:exon3:c.C10083A:p.S3361S	Silent	
VSCC8	chr7:107415289-107415289	C	T	*SLC26A3*	NM_000111:exon16:c.G1706A:p.R569H	Missense_Mutation	
VSCC8	chr7:127670274-127670274	G	A	*LRRC4*	NM_022143:exon2:c.C420T:p.S140S	Silent	

VSCC8	chr7:150325151-150325151	C	T	*GIMAP6*	NM_001244072:exon3:c.G745A:p.E249K,GIMAP6	Missense_Mutation	
VSCC8	chr7:154755390-154755390	C	T	*PAXIP1*	NM_007349:exon9:c.G1980A:p.A660A	Silent	
VSCC8	chr7:156754893-156754893	C	T	*NOM1*	NM_138400:exon5:c.C1681T:p.R561C	Missense_Mutation	COSM4724231
VSCC8	chr8:2796232-2796232	C	A	*CSMD1*	NM_033225:exon70:c.G10570T:p.G3524W	Missense_Mutation	
VSCC8	chr8:77776647-77776647	C	T	*ZFHX4*	NM_024721:exon11:c.C10697T:p.T3566I	Missense_Mutation	COSM468330
VSCC8	chr8:87655980-87655980	C	T	*CNGB3*	NM_019098:exon10:c.G1177A:p.E393K	Missense_Mutation	
VSCC8	chr8:99440651-99440651	C	T	*KCNS2*	NM_020697:exon2:c.C444T:p.F148F	Silent	
VSCC8	chr8:103846475-103846475	G	A	*AZIN1*	NM_001301668:exon8:c.C683T:p.T228M,AZIN1	Missense_Mutation	
VSCC8	chr8:113299352-113299352	G	A	*CSMD3*	NM_052900:exon56:c.C8765T:p.S2922L,CSMD3	Missense_Mutation	
VSCC8	chr8:139151301-139151301	G	A	*FAM135B*	NM_015912:exon18:c.C3829T:p.L1277L	Silent	
VSCC8	chr8:144940380-144940380	C	T	*EPPK1*	NM_031308:exon2:c.G7042A:p.V2348I	Missense_Mutation	
VSCC8	chr8:144992486-144992486	C	T	*PLEC*	NM_201378:exon32:c.G11461A:p.D3821N,PLEC	Missense_Mutation	COSM3811214
VSCC8	chr8:145583720-145583720	C	T	*SLC52A2*	NM_001253815:exon3:c.C568T:p.R190C,SLC52A2	Missense_Mutation	
VSCC8	chr8:145689863-145689863	G	A	*CYHR1*	NM_138496:exon2:c.C226T:p.L76L,CYHR1	Silent	
VSCC8	chr9:428459-428459	C	T	*DOCK8*	NM_001190458:exon33:c.C4136T:p.T1379I,DOCK8	Missense_Mutation	
VSCC8	chr9:2161727-2161727	A	G	*SMARCA2*	NM_001289398:exon2:c.A51G:p.V17V,SMARCA2	Silent	COSM3954346
VSCC8	chr9:33464143-33464143	C	G	*NOL6*	NM_022917:exon22:c.G2796C:p.E932D	Missense_Mutation	
VSCC8	chr9:82339997-82339997	G	A	*TLE4*	NM_001282753:exon18:c.G2053A:p.D685N,TLE4	Missense_Mutation	

VSCC8	chr9:115030357-115030357	A	C	*PTBP3*	NM_001244896:exon3:c.T122G:p.L41R,PTBP3	Missense_Mutation	
VSCC8	chr9:124528883-124528883	G	A	*DAB2IP*	NM_138709:exon7:c.G1199A:p.R400H,DAB2IP	Missense_Mutation	
VSCC8	chr9:130580435-130580435	C	T	*ENG*	NM_000118:exon12:c.G1650A:p.T550T,ENG	Silent	
VSCC8	chr9:131741541-131741541	G	T	*NUP188*	NM_015354:exon13:c.G1204T:p.D402Y	Missense_Mutation	
VSCC8	chr9:137593035-137593035	C	T	*COL5A1*	NM_000093:exon4:c.C510T:p.L170L,COL5A1	Silent	COSM5847740
VSCC8	chr10:13698855-13698855	C	T	*FRMD4A*	NM_018027:exon22:c.G2734A:p.E912K	Missense_Mutation	
VSCC8	chr10:69954179-69954179	G	A	*MYPN*	NM_032578:exon14:c.G2985A:p.R995R,MYPN	Silent	COSM4713593
VSCC8	chr10:76868869-76868869	G	A	*DUSP13*	NM_001007271:exon1:c.C47T:p.T16M,DUSP13	Missense_Mutation	
VSCC8	chr10:93256110-93256110	A	C	*HECTD2*	NM_182765:exon15:c.A1661C:p.D554A,HECTD2	Missense_Mutation	
VSCC8	chr10:135373619-135373619	C	T	*SYCE1*	NM_001143763:exon2:c.G112A:p.E38K,SYCE1	Missense_Mutation	
VSCC8	chr11:1017277-1017277	A	G	*MUC6*	NM_005961:exon31:c.T5524C:p.S1842P	Missense_Mutation	
VSCC8	chr11:6239138-6239138	G	A	*FAM160A2*	NM_001098794:exon9:c.C1678T:p.R560C,FAM160A2	Missense_Mutation	
VSCC8	chr11:7059968-7059968	A	C	*NLRP14*	NM_176822:exon2:c.A151C:p.K51Q	Missense_Mutation	
VSCC8	chr11:60696355-60696355	G	T	*TMEM132A*	NM_017870:exon4:c.G789T:p.M263I,TMEM132A	Missense_Mutation	
VSCC8	chr11:60777109-60777109	C	T	*CD6*	NM_001254750:exon5:c.C847T:p.R283X,CD6	Nonsense_Mutation	
VSCC8	chr11:63486986-63486986	G	A	*RTN3*	NM_001265590:exon2:c.G676A:p.E226K,RTN3	Missense_Mutation	
VSCC8	chr11:65826400-65826400	C	T	*SF3B2*	NM_006842:exon10:c.C1066T:p.R356W	Missense_Mutation	
VSCC8	chr11:67267242-67267242	C	G	*PITPNM1*	NM_001130848:exon8:c.G1123C:p.D375H,PITPNM1	Missense_Mutation	

VSCC8	chr11:67267253-67267253	C	T	*PITPNM1*	NM_001130848:exon8:c.G1112A:p.W371X,PITPNM1	Nonsense_Mutation	
VSCC8	chr11:76255798-76255798	G	A	*EMSY*	NM_001300943:exon19:c.G3208A:p.V1070M,EMSY	Missense_Mutation	
VSCC8	chr11:102567416-102567416	T	C	*MMP27*	NM_022122:exon5:c.A770G:p.Q257R	Missense_Mutation	COSM163876
VSCC8	chr11:108382015-108382015	C	T	*EXPH5*	NM_001144765:exon3:c.G3655A:p.E1219K,EXPH5	Missense_Mutation	
VSCC8	chr11:117257978-117257978	T	C	*CEP164*	NM_001271933:exon14:c.T1793C:p.M598T,CEP164	Missense_Mutation	
VSCC8	chr11:121008492-121008492	G	A	*TECTA*	NM_005422:exon10:c.G3304A:p.V1102I	Missense_Mutation	
VSCC8	chr11:125891230-125891230	T	C	*CDON*	NM_001243597:exon3:c.A262G:p.N88D,CDON	Missense_Mutation	COSM356041
VSCC8	chr12:6483632-6483632	G	A	*SCNN1A*	NM_001159576:exon1:c.C495T:p.F165F,SCNN1A	Silent	
VSCC8	chr12:31135514-31135514	G	A	*TSPAN11*	NM_001080509:exon6:c.G504A:p.T168T	Silent	
VSCC8	chr12:41422971-41422971	G	A	*CNTN1*	NM_175038:exon21:c.G2897A:p.R966H,CNTN1	Missense_Mutation	COSM982244
VSCC8	chr12:56030727-56030727	T	G	*OR10P1*	NM_206899:exon1:c.T52G:p.S18A	Missense_Mutation	
VSCC8	chr12:71286472-71286472	T	A	*PTPRR*	NM_002849:exon2:c.A344T:p.N115I	Missense_Mutation	
VSCC8	chr12:71966655-71966655	G	A	*LGR5*	NM_001277226:exon12:c.G1090A:p.E364K,LGR5	Missense_Mutation	
VSCC8	chr12:102045108-102045108	A	C	*MYBPC1*	NM_001254722:exon12:c.A1310C:p.K437T,MYBPC1	Missense_Mutation	
VSCC8	chr12:102313901-102313901	C	T	*DRAM1*	NM_018370:exon6:c.C594T:p.H198H	Silent	
VSCC8	chr12:120541697-120541697	C	T	*RAB35*	NM_001167606:exon3:c.G160A:p.G54R,RAB35	Missense_Mutation	
VSCC8	chr12:120611892-120611892	G	A	*GCN1*	NM_006836:exon13:c.C1175T:p.P392L	Missense_Mutation	
VSCC8	chr12:121881816-121881816	C	T	*KDM2B*	NM_001005366:exon16:c.G2357A:p.R786Q,KDM2B	Missense_Mutation	

VSCC8	chr12:123213973-123213973	G	C	*HCAR1*	NM_032554:exon1:c.C914G:p.S305X	Nonsense_Mutation		
VSCC8	chr12:123214329-123214329	A	G	*HCAR1*	NM_032554:exon1:c.T558C:p.F186F	Silent		
VSCC8	chr12:124819735-124819735	G	A	*NCOR2*	NM_001077261:exon41:c.C6327T:p.T2109T,NCOR2	Silent	*NCOR2*	COSM998772
VSCC8	chr12:133350895-133350895	C	T	*GOLGA3*	NM_005895:exon23:c.G4155A:p.P1385P	Silent		COSM1001515
VSCC8	chr12:133780489-133780489	C	G	*ZNF268*	NM_001165881:exon6:c.C2217G:p.L739L,ZNF268	Silent		
VSCC8	chr12:133780573-133780573	C	G	*ZNF268*	NM_001165881:exon6:c.C2301G:p.L767L,ZNF268	Silent		
VSCC8	chr13:28014361-28014361	A	G	*MTIF3*	NM_001166261:exon3:c.T225C:p.F75F,MTIF3	Silent		
VSCC8	chr13:67801374-67801374	A	G	*PCDH9*	NM_020403:exon2:c.T1199C:p.I400T,PCDH9	Missense_Mutation		COSM5642760
VSCC8	chr13:101910924-101910924	T	A	*NALCN*	NM_052867:exon11:c.A1136T:p.K379I	Missense_Mutation		
VSCC8	chr14:20612317-20612317	C	A	*OR4N5*	NM_001004724:exon1:c.C423A:p.C141X	Nonsense_Mutation		
VSCC8	chr14:24435536-24435536	G	C	*DHRS4*	NM_001282988:exon5:c.G474C:p.L158L,DHRS4	Silent		
VSCC8	chr14:56746483-56746483	G	A	*PELI2*	NM_021255:exon3:c.G297A:p.T99T	Silent		
VSCC8	chr14:90420302-90420302	C	T	*EFCAB11*	NM_001284266:exon2:c.G119A:p.R40K,EFCAB11	Missense_Mutation		
VSCC8	chr15:29398931-29398931	C	T	*APBA2*	NM_001130414:exon10:c.C1790T:p.S597L,APBA2	Missense_Mutation		
VSCC8	chr15:33446653-33446653	C	T	*FMN1*	NM_001277313:exon4:c.G463A:p.G155R,FMN1	Missense_Mutation		
VSCC8	chr15:66845582-66845582	C	G	*LCTL*	NM_001278562:exon8:c.G418C:p.E140Q,LCTL	Missense_Mutation		
VSCC8	chr15:75684669-75684669	C	T	*SIN3A*	NM_001145357:exon15:c.G2765A:p.R922Q,SIN3A	Missense_Mutation		
VSCC8	chr15:96877431-96877431	C	G	*NR2F2*	NM_001145155:exon2:c.C170G:p.P57R,NR2F2	Missense_Mutation		

VSCC8	chr16:767154-767154	C	T	*METRN*	NM_024042:exon4:c.C649T:p.R217C	Missense_Mutation		
VSCC8	chr16:2338174-2338174	C	T	*ABCA3*	NM_001089:exon21:c.G2857A:p.D953N	Missense_Mutation		
VSCC8	chr16:3639369-3639369	C	T	*SLX4*	NM_032444:exon12:c.G4270A:p.D1424N	Missense_Mutation		COSM4100101
VSCC8	chr16:19726124-19726124	G	A	*KNOP1*	NM_001012991:exon2:c.C234T:p.C78C	Silent		
VSCC8	chr16:20975951-20975951	G	A	*DNAH3*	NM_017539:exon53:c.C9255T:p.H3085H	Silent		
VSCC8	chr16:23080069-23080069	C	T	*USP31*	NM_020718:exon16:c.G3357A:p.S1119S	Silent		
VSCC8	chr16:28962540-28962540	G	T	*NFATC2IP*	NM_032815:exon1:c.G208T:p.E70X	Nonsense_Mutation		
VSCC8	chr16:29706228-29706228	G	A	*QPRT*	NM_014298:exon2:c.G257A:p.R86K	Missense_Mutation		
VSCC8	chr16:30123710-30123710	G	A	*GDPD3*	NM_024307:exon5:c.C400T:p.R134C	Missense_Mutation		COSM5485134
VSCC8	chr17:4701403-4701403	C	T	*PSMB6*	NM_001270481:exon5:c.C532T:p.R178W,PSMB6	Missense_Mutation		COSM3997111
VSCC8	chr17:8445467-8445467	G	A	*MYH10*	NM_005964:exon13:c.C1533T:p.F511F,MYH10	Silent		
VSCC8	chr17:27834957-27834957	G	C	*TAOK1*	NM_020791:exon14:c.G1382C:p.R461T,TAOK1	Missense_Mutation		COSM99651
VSCC8	chr17:29527462-29527462	G	A	*NF1*	NM_000267:exon9:c.G911A:p.R304Q,NF1	Missense_Mutation	*NF1*	
VSCC8	chr17:59485435-59485435	C	T	*TBX2*	NM_005994:exon7:c.C1707T:p.F569F	Silent		COSM1344640
VSCC8	chr17:64299059-64299059	C	T	*PRKCA*	NM_002737:exon1:c.C90T:p.N30N	Silent		
VSCC8	chr17:65163906-65163906	G	A	*HELZ*	NM_014877:exon14:c.C1437T:p.N479N	Silent		
VSCC8	chr17:67170869-67170869	T	C	*ABCA10*	NM_080282:exon25:c.A2927G:p.Y976C	Missense_Mutation		
VSCC8	chr17:73910301-73910301	C	A	*FBF1*	NM_001080542:exon25:c.G2848T:p.E950X	Nonsense_Mutation		COSM4664231

VSCC8	chr18:12325109-12325109	G	A	*TUBB6*	NM_001303526:exon3:c.G210A:p.T70T,TUBB6	Silent	
VSCC8	chr18:21761212-21761212	A	T	*OSBPL1A*	NM_018030:exon5:c.T170A:p.F57Y,OSBPL1A	Missense_Mutation	COSM3746686
VSCC8	chr19:2717754-2717754	G	A	*DIRAS1*	NM_145173:exon2:c.C51T:p.G17G	Silent	
VSCC8	chr19:4501270-4501270	C	T	*HDGFRP2*	NM_001001520:exon16:c.C1857T:p.H619H,HDGFRP2	Silent	
VSCC8	chr19:4817174-4817174	C	T	*TICAM1*	NM_182919:exon2:c.G1216A:p.E406K	Missense_Mutation	
VSCC8	chr19:5598855-5598855	C	T	*SAFB2*	NM_014649:exon13:c.G1731A:p.S577S	Silent	
VSCC8	chr19:5784655-5784655	G	A	*PRR22*	NM_001134316:exon1:c.C17T:p.P6L	Missense_Mutation	
VSCC8	chr19:5790117-5790117	G	T	*DUS3L*	NM_020175:exon2:c.C328A:p.R110R	Silent	COSM5427700
VSCC8	chr19:6750590-6750590	G	A	*TRIP10*	NM_001288963:exon13:c.G1435A:p.E479K,TRIP10	Missense_Mutation	
VSCC8	chr19:7692140-7692140	G	A	*XAB2*	NM_020196:exon4:c.C511T:p.R171C	Missense_Mutation	COSM3751212
VSCC8	chr19:9800970-9800970	G	A	*ZNF812*	NM_001199814:exon6:c.C1209T:p.P403P	Silent	COSM3751223
VSCC8	chr19:40433177-40433177	C	A	*FCGBP*	NM_003890:exon2:c.G1092T:p.T364T	Silent	
VSCC8	chr19:41248552-41248552	G	A	*C19orf54*	NM_198476:exon6:c.C842T:p.S281F	Missense_Mutation	COSM4144054
VSCC8	chr19:46198929-46198929	G	C	*QPCTL*	NM_017659:exon3:c.G586C:p.E196Q	Missense_Mutation	COSM3790181
VSCC8	chr19:47503751-47503751	T	G	*ARHGAP35*	NM_004491:exon6:c.T4306G:p.F1436V	Missense_Mutation	COSM146554
VSCC8	chr19:48205291-48205291	C	T	*GLTSCR1*	NM_015711:exon15:c.C4302T:p.A1434A	Silent	
VSCC8	chr19:49699879-49699879	C	T	*TRPM4*	NM_017636:exon17:c.C2393T:p.S798L	Missense_Mutation	
VSCC8	chr19:54783449-54783449	C	A	*LILRB2*	NM_001278404:exon4:c.G61T:p.G21X,LILRB2	Nonsense_Mutation	COSM3747120

VSCC8	chr19:58117590-58117590	G	C	*ZNF530*	NM_020880:exon3:c.G697C:p.D233H	Missense_Mutation		
VSCC8	chr20:2464034-2464034	C	T	*ZNF343*	NM_001282498:exon4:c.G1303A:p.E435K,ZNF343	Missense_Mutation		
VSCC8	chr20:47990005-47990005	G	A	*KCNB1*	NM_004975:exon2:c.C2092T:p.R698W	Missense_Mutation		
VSCC8	chr20:55208470-55208470	C	T	*TFAP2C*	NM_003222:exon4:c.C648T:p.A216A	Silent		COSM146639
VSCC8	chr20:60899589-60899589	G	A	*LAMA5*	NM_005560:exon42:c.C5551T:p.R1851W	Missense_Mutation		COSM146661
VSCC8	chr22:18567948-18567948	C	T	*PEX26*	NM_001127649:exon4:c.C738T:p.H246H,PEX26	Silent		
VSCC8	chr22:25566853-25566853	G	A	*KIAA1671*	NM_001145206:exon5:c.G4597A:p.E1533K	Missense_Mutation		COSM4418748
VSCC8	chrX:18797261-18797261	G	A	*PPEF1*	NM_006240:exon10:c.G692A:p.R231K,PPEF1	Missense_Mutation		COSM1748046
VSCC8	chrX:70465851-70465851	G	A	*ZMYM3*	NM_001171162:exon16:c.C2634T:p.F878F,ZMYM3	Silent		COSM4764278
VSCC8	chrX:99663420-99663420	G	A	*PCDH19*	NM_001105243:exon1:c.C176T:p.S59L,PCDH19	Missense_Mutation		COSM3750764
VSCC8	chrX:139866459-139866459	C	T	*CDR1*	NM_004065:exon1:c.G73A:p.V25I	Missense_Mutation		COSM3750772
VSCC8	chr8:92998424-92998424	T	A	*RUNX1T1*	NM_175636:exon7:c.A1096T:p.K366X,RUNX1T1	Nonsense_Mutation	*RUNX1T1*	COSM3750804
VSCC8	chr18:45368211-45368211	G	C	*SMAD2*	NM_001135937:exon10:c.C1301G:p.S434X,SMAD2	Nonsense_Mutation	*SMAD2*	
VSCC8	chr17:5042847-5042847	C	T	*USP6*	NM_004505:exon14:c.C1376T:p.T459M,USP6	Missense_Mutation	*USP6*	
VSCC8	chr3:52441233-52441237	CCGGC	-	*BAP1*	NM_004656:exon7:c.533_537del:p.G178fs	Frame_Shift_Del	*BAP1*	COSM3750987
VSCC8	chr11:95825375-95825383	TGCTGCTGC	-	*MAML2*	NM_032427:exon2:c.1812_1820del:p.604_607del	In_Frame_Del	*MAML2*	
VSCC8	chr17:7577594-7577595	AC	-	*TP53*	NM_001126115:exon3:c.290_291del:p.C97fs,TP53	Frame_Shift_Del	*TP53*	COSM3751007
VSCC8	chr2:131129929-131129934	GACGGG	-	*PTPN18*	NM_001142370:exon9:c.792_797del:p.264_266del,PTPN18	In_Frame_Del		

VSCC8	chr8:11666219-11666224	TCCCAC	-	*FDFT1*	NM_001287750:exon1:c.193_198del:p.65_66del	In_Frame_Del		COSM3751024
VSCC8	chr8:86129663-86129663	-	T	*C8orf59*	NM_001099673:exon2:c.65dupA:p.N22fs,C8orf59	Frame_Shift_Ins		
VSCC8	chr8:103573011-103573037	TGCAACCCCTGCAGCCCCTGCAACCCG	-	*ODF1*	NM_024410:exon2:c.652_678del:p.218_226del	In_Frame_Del		COSM3751113
VSCC8	chr9:79318376-79318390	GTGACAGCCTGCAAC	-	*PRUNE2*	NM_001308047:exon9:c.8139_8153del:p.2713_2718del,PRUNE2	In_Frame_Del		COSM3751114
VSCC8	chr9:140918171-140918185	GGAGAAGGAGACCAC	-	*CACNA1B*	NM_000718:exon19:c.2976_2990del:p.992_997del,CACNA1B	In_Frame_Del		
VSCC8	chr10:5789967-5789975	CTGCCTCAG	-	*FAM208B*	NM_017782:exon15:c.4583_4591del:p.1528_1531del	In_Frame_Del		COSM3682534
VSCC8	chr14:20528449-20528467	CATAGATTTGCTCACTGAC	-	*OR4L1*	NM_001004717:exon1:c.246_264del:p.I82fs	Frame_Shift_Del		COSM4001620
VSCC8	chr19:17397498-17397501	TGTT	-	*ANKLE1*	NM_001278444:exon8:c.1930_1933del:p.C644fs	Frame_Shift_Del		
VSCC8	chr21:46057613-46057627	CTGCTGTGTGCCTGT	-	*KRTAP10-10*	NM_181688:exon1:c.279_293del:p.93_98del	In_Frame_Del		COSM148844
VSCC8	chr21:46924426-46924434	GGCCCCCCA	-	*COL18A1*	NM_030582:exon33:c.3364_3364del:p.G1122fs,COL18A1	Frame_Shift_Del		COSM3426483
VSCC9	chr20:31023500-31023500	C	T	*ASXL1*	NM_015338:exon12:c.C2985T:p.H995H	Silent	*ASXL1*	COSM1021658
VSCC9	chr12:6709097-6709097	C	T	*CHD4*	NM_001297553:exon9:c.G1303A:p.E435K,CHD4	Missense_Mutation	*CHD4*	
VSCC9	chr19:18886551-18886551	C	T	*CRTC1*	NM_015321:exon13:c.C1613T:p.T538M,CRTC1	Missense_Mutation	*CRTC1*	
VSCC9	chr6:152129077-152129077	T	C	*ESR1*	NM_000125:exon1:c.T30C:p.S10S,ESR1	Silent	*ESR1*	
VSCC9	chr4:187524435-187524435	C	T	*FAT1*	NM_005245:exon19:c.G11245A:p.D3749N	Missense_Mutation	*FAT1*	COSM4001751
VSCC9	chr11:95825374-95825374	T	C	*MAML2*	NM_032427:exon2:c.A1821G:p.Q607Q	Silent	*MAML2*	
VSCC9	chr1:1849530-1849530	T	C	*TMEM52*	NM_178545:exon5:c.A421G:p.M141V	Missense_Mutation		COSM3746549

VSCC9	chr1:1849744-1849744	G	A	*TMEM52*	NM_178545:exon4:c.C297T:p.D99D	Silent	
VSCC9	chr1:3553598-3553598	G	A	*WRAP73*	NM_017818:exon5:c.C477T:p.Y159Y	Silent	
VSCC9	chr1:8716141-8716141	C	T	*RERE*	NM_001042681:exon2:c.G216A:p.T72T,RERE	Silent	
VSCC9	chr1:8716301-8716301	C	T	*RERE*	NM_001042681:exon2:c.G56A:p.R19Q,RERE	Missense_Mutation	
VSCC9	chr1:17314722-17314722	G	A	*ATP13A2*	NM_001141974:exon24:c.C2638T:p.R880C,ATP13A2	Missense_Mutation	
VSCC9	chr1:17331257-17331257	G	A	*ATP13A2*	NM_001141973:exon5:c.C407T:p.A136V,ATP13A2	Missense_Mutation	
VSCC9	chr1:18149510-18149510	G	T	*ACTL8*	NM_030812:exon2:c.G7T:p.A3S	Missense_Mutation	
VSCC9	chr1:26885356-26885356	C	T	*RPS6KA1*	NM_001006665:exon13:c.C1170T:p.F390F,RPS6KA1	Silent	
VSCC9	chr1:27627916-27627916	G	A	*WDTC1*	NM_001276252:exon13:c.G1432A:p.D478N,WDTC1	Missense_Mutation	
VSCC9	chr1:27660758-27660758	C	T	*TMEM222*	NM_032125:exon5:c.C525T:p.Y175Y	Silent	COSM1404680
VSCC9	chr1:27720665-27720665	C	T	*GPR3*	NM_005281:exon2:c.C363T:p.T121T	Silent	COSM4001500
VSCC9	chr1:36556867-36556867	C	T	*ADPRHL2*	NM_017825:exon2:c.C234T:p.D78D	Silent	COSM5829416
VSCC9	chr1:39340607-39340607	A	G	*GJA9*	NM_030772:exon2:c.T1164C:p.R388R	Silent	COSM149070
VSCC9	chr1:43649508-43649508	A	G	*CFAP57*	NM_001167965:exon4:c.A721G:p.N241D,CFAP57	Missense_Mutation	COSM3933538
VSCC9	chr1:44035352-44035352	C	T	*PTPRF*	NM_002840:exon6:c.C471T:p.A157A,PTPRF	Silent	COSM4001507
VSCC9	chr1:47138722-47138722	G	A	*TEX38*	NM_001145474:exon2:c.G215A:p.R72Q,TEX38	Missense_Mutation	
VSCC9	chr1:47614434-47614434	C	T	*CYP4A22*	NM_001010969:exon12:c.C1525T:p.L509F	Missense_Mutation	
VSCC9	chr1:62263049-62263049	C	T	*INADL*	NM_176877:exon11:c.C1351T:p.R451X	Nonsense_Mutation	COSM4419545

VSCC9	chr1:89426902-89426902	G	A	*CCBL2*	NM_001008662:exon7:c.C633T:p.S211S,CCBL2	Silent	
VSCC9	chr1:94512635-94512635	G	A	*ABCA4*	NM_000350:exon19:c.C2758T:p.R920C	Missense_Mutation	COSM1423524
VSCC9	chr1:94965138-94965138	G	A	*ABCD3*	NM_002858:exon20:c.G1708A:p.V570I	Missense_Mutation	
VSCC9	chr1:97272456-97272456	A	G	*PTBP2*	NM_001300990:exon10:c.A957G:p.L319L,PTBP2	Silent	COSM4002824
VSCC9	chr1:110737359-110737359	C	T	*SLC6A17*	NM_001010898:exon9:c.C1458T:p.I486I	Silent	COSM2950580
VSCC9	chr1:117663725-117663725	C	T	*TRIM45*	NM_001145635:exon1:c.G99A:p.L33L,TRIM45	Silent	COSM4005262
VSCC9	chr1:145601791-145601791	C	T	*POLR3C*	NM_001303456:exon6:c.G779A:p.R260H,POLR3C	Missense_Mutation	COSM4115802
VSCC9	chr1:156347834-156347834	T	A	*RHBG*	NM_020407:exon3:c.T428A:p.V143D,RHBG	Missense_Mutation	COSM3760030
VSCC9	chr1:159505297-159505297	C	T	*OR10J5*	NM_001004469:exon1:c.G501A:p.P167P	Silent	
VSCC9	chr1:172558305-172558305	G	A	*SUCO*	NM_001282751:exon16:c.G375A:p.T125T,SUCO	Silent	
VSCC9	chr1:183072590-183072590	T	C	*LAMC1*	NM_002293:exon2:c.T546C:p.C182C	Silent	
VSCC9	chr1:197059424-197059424	C	T	*ASPM*	NM_001206846:exon23:c.G4976A:p.R1659Q,ASPM	Missense_Mutation	COSM1471622
VSCC9	chr1:197169213-197169213	C	T	*ZBTB41*	NM_194314:exon1:c.G391A:p.V131I	Missense_Mutation	COSM4002460
VSCC9	chr1:201973565-201973565	G	A	*RNPEP*	NM_020216:exon10:c.G1735A:p.V579I	Missense_Mutation	
VSCC9	chr1:202304868-202304868	T	C	*UBE2T*	NM_014176:exon2:c.A15G:p.S5S	Silent	COSM128534
VSCC9	chr1:205240251-205240251	C	T	*TMCC2*	NM_001297611:exon3:c.C1011T:p.Y337Y,TMCC2	Silent	COSM3002274
VSCC9	chr1:212273729-212273729	C	T	*DTL*	NM_001286229:exon12:c.C584T:p.T195M,DTL	Missense_Mutation	COSM3003506
VSCC9	chr1:225607437-225607437	C	T	*LBR*	NM_002296:exon4:c.G430A:p.A144T,LBR	Missense_Mutation	COSM149515

VSCC9	chr1:230914729-230914729	A	C	*CAPN9*	NM_016452:exon8:c.A886C:p.K296Q,CAPN9	Missense_Mutation	COSM3759906
VSCC9	chr1:233190140-233190140	G	A	*PCNXL2*	NM_014801:exon25:c.C4225T:p.R1409C	Missense_Mutation	
VSCC9	chr1:234546245-234546245	C	T	*TARBP1*	NM_005646:exon23:c.G3738A:p.T1246T	Silent	
VSCC9	chr1:236187412-236187412	C	T	*NID1*	NM_002508:exon9:c.G2086A:p.E696K	Missense_Mutation	
VSCC9	chr1:236746443-236746443	C	T	*HEATR1*	NM_018072:exon18:c.G2295A:p.V765V	Silent	
VSCC9	chr1:237947649-237947649	G	A	*RYR2*	NM_001035:exon90:c.G12637A:p.E4213K	Missense_Mutation	COSM4597192
VSCC9	chr1:248551560-248551560	C	T	*OR2T6*	NM_001005471:exon1:c.C651T:p.S217S	Silent	
VSCC9	chr1:248551636-248551636	T	G	*OR2T6*	NM_001005471:exon1:c.T727G:p.S243A	Missense_Mutation	COSM4416001
VSCC9	chr2:7154687-7154687	G	A	*RNF144A*	NM_014746:exon4:c.G238A:p.E80K	Missense_Mutation	
VSCC9	chr2:21252534-21252534	G	A	*APOB*	NM_000384:exon12:c.C1594T:p.R532W	Missense_Mutation	
VSCC9	chr2:25359422-25359422	G	A	*EFR3B*	NM_014971:exon14:c.G1515A:p.L505L	Silent	
VSCC9	chr2:27016141-27016141	C	T	*CENPA*	NM_001042426:exon3:c.C339T:p.L113L,CENPA	Silent	COSM5774397
VSCC9	chr2:37579971-37579971	C	T	*QPCT*	NM_012413:exon2:c.C160T:p.R54W	Missense_Mutation	COSM1431106
VSCC9	chr2:47135055-47135055	G	A	*MCFD2*	NM_001171509:exon2:c.C47T:p.S16L,MCFD2	Missense_Mutation	
VSCC9	chr2:54853220-54853220	G	A	*SPTBN1*	NM_178313:exon11:c.G1454A:p.R485H,SPTBN1	Missense_Mutation	
VSCC9	chr2:63058283-63058283	T	A	*EHBP1*	NM_001142614:exon6:c.T624A:p.A208A,EHBP1	Silent	COSM4002866
VSCC9	chr2:65540937-65540937	C	T	*SPRED2*	NM_001128210:exon6:c.G946A:p.E316K,SPRED2	Missense_Mutation	COSM4002912
VSCC9	chr2:69093312-69093312	A	G	*BMP10*	NM_014482:exon2:c.T726C:p.D242D	Silent	COSM3760359

VSCC9	chr2:74761539-74761539	T	A	*LOXL3*	NM_001289165:exon7:c.A760T:p.I254F,LOXL3	Missense_Mutation	
VSCC9	chr2:74779551-74779551	C	T	*LOXL3*	NM_001289164:exon2:c.G211A:p.D71N,LOXL3	Missense_Mutation	COSM3760449
VSCC9	chr2:85570849-85570849	C	T	*RETSAT*	NM_017750:exon10:c.G1606A:p.G536R	Missense_Mutation	
VSCC9	chr2:113067593-113067593	T	C	*ZC3H6*	NM_198581:exon4:c.T468C:p.F156F	Silent	
VSCC9	chr2:120194848-120194848	C	T	*TMEM37*	NM_183240:exon2:c.C405T:p.F135F	Silent	COSM3760494
VSCC9	chr2:155555484-155555484	G	A	*KCNJ3*	NM_001260508:exon1:c.G197A:p.R66H,KCNJ3	Missense_Mutation	
VSCC9	chr2:171655354-171655354	G	A	*ERICH2*	NM_001289947:exon5:c.G421A:p.D141N,ERICH2	Missense_Mutation	COSM4445006
VSCC9	chr2:179395559-179395559	C	T	*TTN*	NM_003319:exon186:c.G78588A:p.P26196P,TTN	Silent	
VSCC9	chr2:179400895-179400895	C	T	*TTN*	NM_003319:exon185:c.G73384A:p.V24462I,TTN	Missense_Mutation	COSM5000715
VSCC9	chr2:180311444-180311444	T	C	*ZNF385B*	NM_001113397:exon5:c.A496G:p.S166G,ZNF385B	Missense_Mutation	COSM231752
VSCC9	chr2:204325990-204325990	C	T	*RAPH1*	NM_213589:exon6:c.G952A:p.V318I,RAPH1	Missense_Mutation	
VSCC9	chr2:218713282-218713282	G	A	*TNS1*	NM_001308022:exon16:c.C1583T:p.T528I,TNS1	Missense_Mutation	COSM1067322
VSCC9	chr2:219555262-219555262	G	A	*STK36*	NM_001243313:exon14:c.G1748A:p.R583Q,STK36	Missense_Mutation	
VSCC9	chr2:219903723-219903723	C	T	*CFAP65*	NM_194302:exon3:c.G48A:p.V16V	Silent	COSM1069532
VSCC9	chr2:220037666-220037666	A	G	*CNPPD1*	NM_015680:exon8:c.T875C:p.L292P	Missense_Mutation	COSM150019
VSCC9	chr2:220037756-220037756	A	G	*CNPPD1*	NM_015680:exon8:c.T785C:p.I262T	Missense_Mutation	
VSCC9	chr2:220193917-220193917	C	T	*RESP18*	NM_001007089:exon5:c.G523A:p.A175T	Missense_Mutation	COSM149857
VSCC9	chr2:239355106-239355106	C	T	*ASB1*	NM_001040445:exon5:c.C962T:p.S321L	Missense_Mutation	

VSCC9	chr2:241713646-241713646	A	G	*KIF1A*	NM_004321:exon11:c.T991C:p.L331L,KIF1A	Silent	COSM3760863
VSCC9	chr2:242437746-242437746	G	A	*STK25*	NM_001271978:exon8:c.C936T:p.D312D,STK25	Silent	COSM3760893
VSCC9	chr3:4735184-4735184	C	T	*ITPR1*	NM_001168272:exon32:c.C3995T:p.S1332L,ITPR1	Missense_Mutation	
VSCC9	chr3:7620789-7620789	T	C	*GRM7*	NM_000844:exon8:c.T2196C:p.Y732Y,GRM7	Silent	
VSCC9	chr3:7620828-7620828	G	A	*GRM7*	NM_000844:exon8:c.G2235A:p.G745G,GRM7	Silent	COSM3760920
VSCC9	chr3:9831497-9831497	G	A	*TADA3*	NM_001278270:exon3:c.C358T:p.R120W,TADA3	Missense_Mutation	COSM3760921
VSCC9	chr3:13395475-13395475	G	C	*NUP210*	NM_024923:exon17:c.C2461G:p.P821A	Missense_Mutation	
VSCC9	chr3:18427971-18427971	C	T	*SATB1*	NM_001131010:exon8:c.G1339A:p.E447K,SATB1	Missense_Mutation	
VSCC9	chr3:19975215-19975215	C	A	*EFHB*	NM_144715:exon1:c.G296T:p.G99V	Missense_Mutation	COSM150002
VSCC9	chr3:21462739-21462739	G	A	*ZNF385D*	NM_024697:exon8:c.C1155T:p.T385T	Silent	
VSCC9	chr3:51929156-51929156	C	T	*IQCF1*	NM_152397:exon4:c.G368A:p.R123Q	Missense_Mutation	COSM150064
VSCC9	chr3:78796045-78796045	G	A	*ROBO1*	NM_001145845:exon3:c.C388T:p.R130W,ROBO1	Missense_Mutation	
VSCC9	chr3:87027942-87027942	G	A	*VGLL3*	NM_016206:exon2:c.C137T:p.A46V	Missense_Mutation	COSM1078955
VSCC9	chr3:130300650-130300650	T	C	*COL6A6*	NM_001102608:exon8:c.T3793C:p.L1265L	Silent	
VSCC9	chr3:137805860-137805860	C	T	*DZIP1L*	NM_173543:exon7:c.G1005A:p.T335T,DZIP1L	Silent	COSM1319088
VSCC9	chr3:147128874-147128874	G	A	*ZIC1*	NM_003412:exon1:c.G975A:p.T325T	Silent	COSM4004067
VSCC9	chr3:147131324-147131324	G	A	*ZIC1*	NM_003412:exon3:c.G1330A:p.E444K	Missense_Mutation	COSM4419056
VSCC9	chr3:151105939-151105939	G	A	*MED12L*	NM_053002:exon35:c.G5325A:p.T1775T	Silent	COSM4004150

VSCC9	chr3:170825920-170825920	G	A	*TNIK*	NM_001161565:exon18:c.C2064T:p.L688L,TNIK	Silent	COSM1071611
VSCC9	chr3:184103903-184103903	A	C	*CHRD*	NM_001304472:exon15:c.A1888C:p.M630L,CHRD	Missense_Mutation	
VSCC9	chr3:185329461-185329461	A	T	*SENP2*	NM_021627:exon8:c.A745T:p.T249S	Missense_Mutation	
VSCC9	chr3:195511849-195511849	G	A	*MUC4*	NM_018406:exon2:c.C6602T:p.A2201V	Missense_Mutation	COSM5001975
VSCC9	chr4:2664861-2664861	G	A	*FAM193A*	NM_001256666:exon10:c.G1052A:p.S351N,FAM193A	Missense_Mutation	
VSCC9	chr4:2906602-2906602	G	A	*ADD1*	NM_001119:exon10:c.G1273A:p.G425S,ADD1	Missense_Mutation	COSM3761601
VSCC9	chr4:4276475-4276475	C	A	*LYAR*	NM_001145725:exon7:c.G451T:p.D151Y,LYAR	Missense_Mutation	COSM4003778
VSCC9	chr4:17710934-17710934	C	T	*FAM184B*	NM_015688:exon2:c.G475A:p.E159K	Missense_Mutation	
VSCC9	chr4:38945169-38945169	A	G	*FAM114A1*	NM_138389:exon15:c.A1683G:p.A561A	Silent	COSM3761631
VSCC9	chr4:40356453-40356453	G	A	*CHRNA9*	NM_017581:exon5:c.G1356A:p.A452A	Silent	COSM1643407
VSCC9	chr4:42424885-42424885	C	T	*ATP8A1*	NM_001105529:exon34:c.G3199A:p.D1067N,ATP8A1	Missense_Mutation	
VSCC9	chr4:71347000-71347000	C	T	*MUC7*	NM_152291:exon3:c.C539T:p.P180L,MUC7	Missense_Mutation	
VSCC9	chr4:77660731-77660731	C	G	*SHROOM3*	NM_020859:exon5:c.C1405G:p.P469A	Missense_Mutation	
VSCC9	chr4:79385651-79385651	G	A	*FRAS1*	NM_025074:exon49:c.G6943A:p.V2315I	Missense_Mutation	COSM4004423
VSCC9	chr4:83582211-83582211	C	G	*SCD5*	NM_024906:exon4:c.G589C:p.E197Q	Missense_Mutation	
VSCC9	chr4:100341861-100341861	C	T	*ADH7*	NM_000673:exon6:c.G690A:p.R230R,ADH7	Silent	COSM1131613
VSCC9	chr4:118975146-118975146	C	T	*NDST3*	NM_004784:exon2:c.C81T:p.I27I	Silent	COSM4416586
VSCC9	chr4:121738049-121738049	T	C	*PRDM5*	NM_018699:exon6:c.A681G:p.L227L	Silent	
VSCC9	chr4:129019372-129019372	C	T	*LARP1B*	NM_001278604:exon8:c.C700T:p.R234X,LARP1B	Nonsense_Mutation	COSM3762678

VSCC9	chr4:155461113-155461113	T	C	*PLRG1*	NM_001201564:exon11:c.A1005G:p.Q335Q,PLRG1	Silent	COSM3762679
VSCC9	chr4:155720274-155720274	T	C	*RBM46*	NM_001277171:exon4:c.T960C:p.N320N,RBM46	Silent	COSM453110
VSCC9	chr4:177632669-177632669	G	T	*VEGFC*	NM_005429:exon4:c.C688A:p.P230T	Missense_Mutation	COSM4162422
VSCC9	chr4:178274565-178274565	A	G	*NEIL3*	NM_018248:exon8:c.A1143G:p.R381R	Silent	COSM3927842
VSCC9	chr5:156289-156289	G	A	*PLEKHG4B*	NM_052909:exon8:c.G1244A:p.R415Q	Missense_Mutation	COSM150355
VSCC9	chr5:457103-457103	G	A	*EXOC3*	NM_007277:exon5:c.G1146A:p.T382T	Silent	
VSCC9	chr5:5146335-5146335	C	G	*ADAMTS16*	NM_139056:exon3:c.C268G:p.P90A	Missense_Mutation	
VSCC9	chr5:14751287-14751287	G	A	*ANKH*	NM_054027:exon5:c.C578T:p.P193L	Missense_Mutation	
VSCC9	chr5:15937164-15937164	G	A	*FBXL7*	NM_001278317:exon4:c.G1204A:p.V402M,FBXL7	Missense_Mutation	
VSCC9	chr5:32385637-32385637	C	T	*ZFR*	NM_016107:exon15:c.G2618A:p.R873Q	Missense_Mutation	
VSCC9	chr5:35033605-35033605	G	A	*AGXT2*	NM_001306173:exon6:c.C635T:p.T212I,AGXT2	Missense_Mutation	
VSCC9	chr5:66479210-66479210	C	T	*CD180*	NM_005582:exon3:c.G1461A:p.T487T	Silent	COSM2859233
VSCC9	chr5:73090262-73090262	G	A	*ARHGEF28*	NM_001080479:exon8:c.G946A:p.E316K,ARHGEF28	Missense_Mutation	COSM3762419
VSCC9	chr5:75906923-75906923	C	G	*IQGAP2*	NM_001285461:exon2:c.C95G:p.P32R,IQGAP2	Missense_Mutation	COSM3762461
VSCC9	chr5:80600942-80600942	G	A	*ZCCHC9*	NM_001131035:exon2:c.G366A:p.A122A,ZCCHC9	Silent	
VSCC9	chr5:109960989-109960989	A	G	*TMEM232*	NM_001039763:exon7:c.T747C:p.Y249Y	Silent	
VSCC9	chr5:122435627-122435627	G	A	*PRDM6*	NM_001136239:exon3:c.G871A:p.A291T	Missense_Mutation	
VSCC9	chr5:134076812-134076812	G	A	*CAMLG*	NM_001745:exon2:c.G232A:p.V78I	Missense_Mutation	COSM3982474

VSCC9	chr5:134223593-134223593	A	G	*TXNDC15*	NM_024715:exon2:c.A312G:p.K104K	Silent	
VSCC9	chr5:134782414-134782414	G	T	*DCANP1*	NM_130848:exon1:c.C385A:p.R129R	Silent	COSM5063329
VSCC9	chr5:134782450-134782450	T	A	*DCANP1*	NM_130848:exon1:c.A349T:p.R117X	Nonsense_Mutation	COSM3779367
VSCC9	chr5:136969730-136969730	G	A	*KLHL3*	NM_001257195:exon10:c.C1200T:p.G400G,KLHL3	Silent	
VSCC9	chr5:149323852-149323852	C	T	*PDE6A*	NM_000440:exon1:c.G385A:p.D129N	Missense_Mutation	
VSCC9	chr5:150930186-150930186	C	T	*FAT2*	NM_001447:exon7:c.G4543A:p.G1515S	Missense_Mutation	COSM3763069
VSCC9	chr6:27115069-27115069	G	C	*HIST1H2AH*	NM_080596:exon1:c.G162C:p.A54A	Silent	COSM5358774
VSCC9	chr6:28333396-28333396	T	C	*ZKSCAN3*	NM_001242895:exon5:c.T507C:p.H169H,ZKSCAN3	Silent	
VSCC9	chr6:36696514-36696514	G	A	*RAB44*	NM_001257357:exon12:c.G2834A:p.G945E	Missense_Mutation	COSM4419453
VSCC9	chr6:39053712-39053712	C	T	*GLP1R*	NM_002062:exon13:c.C1255T:p.R419C	Missense_Mutation	
VSCC9	chr6:43014655-43014655	C	T	*CUL7*	NM_001168370:exon10:c.G2612A:p.R871H,CUL7	Missense_Mutation	COSM280344
VSCC9	chr6:43166449-43166449	G	A	*CUL9*	NM_015089:exon12:c.G2906A:p.R969H	Missense_Mutation	COSM1108181
VSCC9	chr6:50683009-50683009	T	C	*TFAP2D*	NM_172238:exon2:c.T220C:p.F74L	Missense_Mutation	COSM3906885
VSCC9	chr6:56420538-56420538	C	T	*DST*	NM_015548:exon41:c.G6872A:p.R2291H,DST	Missense_Mutation	COSM1109758
VSCC9	chr6:90362783-90362783	A	C	*MDN1*	NM_014611:exon94:c.T15753G:p.N5251K	Missense_Mutation	
VSCC9	chr6:101103625-101103625	G	A	*ASCC3*	NM_006828:exon17:c.C2773T:p.R925W	Missense_Mutation	COSM4986712
VSCC9	chr6:111587095-111587095	C	T	*KIAA1919*	NM_153369:exon4:c.C330T:p.I110I	Silent	COSM4507953
VSCC9	chr6:151939181-151939181	G	A	*CCDC170*	NM_025059:exon11:c.G2047A:p.V683I	Missense_Mutation	

VSCC9	chr6:153365100-153365100	A	C	*RGS17*	NM_012419:exon2:c.T54G:p.A18A	Silent	COSM22413
VSCC9	chr6:160196343-160196343	A	G	*ACAT2*	NM_001303253:exon5:c.A719G:p.K240R,ACAT2	Missense_Mutation	COSM150633
VSCC9	chr6:160209160-160209160	G	A	*TCP1*	NM_030752:exon2:c.C80T:p.S27L	Missense_Mutation	
VSCC9	chr6:160328620-160328620	C	T	*MAS1*	NM_002377:exon1:c.C633T:p.V211V	Silent	
VSCC9	chr7:883033-883033	C	T	*SUN1*	NM_001130965:exon5:c.C534T:p.T178T,SUN1	Silent	
VSCC9	chr7:5414083-5414083	C	T	*TNRC18*	NM_001080495:exon10:c.G2832A:p.A944A	Silent	COSM4163540
VSCC9	chr7:11485756-11485756	C	T	*THSD7A*	NM_015204:exon13:c.G2996A:p.R999H	Missense_Mutation	
VSCC9	chr7:21901593-21901593	G	A	*DNAH11*	NM_001277115:exon69:c.G11325A:p.A3775A	Silent	
VSCC9	chr7:22985294-22985294	C	T	*FAM126A*	NM_032581:exon11:c.G1480A:p.V494I	Missense_Mutation	COSM146869
VSCC9	chr7:23353160-23353160	A	G	*IGF2BP3*	NM_006547:exon13:c.T1508C:p.I503T	Missense_Mutation	COSM1561299
VSCC9	chr7:32909182-32909182	G	A	*KBTBD2*	NM_015483:exon4:c.C1647T:p.Y549Y	Silent	COSM3751888
VSCC9	chr7:36763748-36763748	C	T	*AOAH*	NM_001177507:exon1:c.G6A:p.Q2Q,AOAH	Silent	
VSCC9	chr7:44282868-44282868	A	G	*CAMK2B*	NM_001220:exon8:c.T582C:p.P194P,CAMK2B	Silent	
VSCC9	chr7:44282877-44282877	A	G	*CAMK2B*	NM_001220:exon8:c.T573C:p.Y191Y,CAMK2B	Silent	COSM3751762
VSCC9	chr7:44282928-44282928	G	A	*CAMK2B*	NM_001220:exon8:c.C522T:p.F174F,CAMK2B	Silent	COSM229527
VSCC9	chr7:73753250-73753250	T	C	*CLIP2*	NM_003388:exon3:c.T594C:p.T198T,CLIP2	Silent	
VSCC9	chr7:100634640-100634640	T	G	*MUC12*	NM_001164462:exon2:c.T796G:p.S266A	Missense_Mutation	COSM3751857
VSCC9	chr7:100648029-100648029	G	A	*MUC12*	NM_001164462:exon2:c.G14185A:p.A4729T	Missense_Mutation	

VSCC9	chr7:100681675-100681675	C	A	*MUC17*	NM_001040105:exon3:c.C6978A:p.T2326T	Silent	
VSCC9	chr7:100681676-100681676	A	G	*MUC17*	NM_001040105:exon3:c.A6979G:p.S2327G	Missense_Mutation	COSM3751945
VSCC9	chr7:105429119-105429119	C	T	*ATXN7L1*	NM_020725:exon3:c.G286A:p.D96N,ATXN7L1	Missense_Mutation	
VSCC9	chr7:116199050-116199050	C	T	*CAV1*	NM_001172896:exon2:c.C153T:p.D51D,CAV1	Silent	COSM4964237
VSCC9	chr7:120979326-120979326	G	T	*WNT16*	NM_016087:exon4:c.G995T:p.C332F,WNT16	Missense_Mutation	
VSCC9	chr7:128520041-128520041	G	A	*KCP*	UNKNOWN	unknown	COSM5420192
VSCC9	chr7:135262716-135262716	C	T	*NUP205*	NM_015135:exon6:c.C821T:p.A274V	Missense_Mutation	
VSCC9	chr7:138732497-138732497	G	A	*ZC3HAV1*	NM_020119:exon13:c.C2552T:p.T851I	Missense_Mutation	
VSCC9	chr7:143701884-143701884	C	T	*OR6B1*	NM_001005281:exon1:c.C795T:p.A265A	Silent	COSM5618921
VSCC9	chr7:143771937-143771937	G	C	*OR2A25*	NM_001004488:exon1:c.G625C:p.A209P	Missense_Mutation	COSM147055
VSCC9	chr7:148876651-148876651	G	A	*ZNF398*	NM_170686:exon6:c.G1687A:p.G563R,ZNF398	Missense_Mutation	COSM1346601
VSCC9	chr7:154681216-154681216	G	A	*DPP6*	NM_001290252:exon23:c.G2106A:p.R702R,DPP6	Silent	COSM4183352
VSCC9	chr8:23186007-23186007	T	C	*LOXL2*	NM_002318:exon6:c.A1038G:p.E346E	Silent	
VSCC9	chr8:29018337-29018337	C	T	*KIF13B*	NM_015254:exon13:c.G1317A:p.S439S	Silent	COSM3998496
VSCC9	chr8:75227662-75227662	G	A	*JPH1*	NM_020647:exon2:c.C573T:p.G191G	Silent	COSM3998499
VSCC9	chr8:77766597-77766597	G	A	*ZFHX4*	NM_024721:exon10:c.G7440A:p.T2480T	Silent	COSM4417836
VSCC9	chr8:95871750-95871750	C	T	*INTS8*	NM_017864:exon16:c.C1966T:p.R656C	Missense_Mutation	
VSCC9	chr8:106815293-106815293	G	A	*ZFPM2*	NM_012082:exon8:c.G2983A:p.G995S	Missense_Mutation	COSM3998581
VSCC9	chr8:143763490-143763490	T	C	*PSCA*	NM_005672:exon3:c.T285C:p.A95A	Silent	COSM5601107

VSCC9	chr8:145114778-145114778	C	T	*OPLAH*	NM_017570:exon2:c.G158A:p.R53H	Missense_Mutation		
VSCC9	chr8:145114924-145114924	G	A	*OPLAH*	NM_017570:exon2:c.C12T:p.P4P	Silent		COSM3752383
VSCC9	chr9:712137-712137	G	C	*KANK1*	NM_153186:exon2:c.G897C:p.L299L,KANK1	Silent		
VSCC9	chr9:738434-738434	C	T	*KANK1*	NM_153186:exon7:c.C3009T:p.N1003N,KANK1	Silent		COSM1354633
VSCC9	chr9:32481340-32481340	G	A	*DDX58*	NM_014314:exon11:c.C1636T:p.R546W	Missense_Mutation		COSM4145892
VSCC9	chr9:32541534-32541534	C	T	*TOPORS*	NM_001195622:exon2:c.G2794A:p.D932N,TOPORS	Missense_Mutation		COSM257398
VSCC9	chr9:33294992-33294992	G	A	*NFX1*	NM_002504:exon2:c.G600A:p.P200P,NFX1	Silent		COSM147246
VSCC9	chr9:72785470-72785470	G	A	*MAMDC2*	NM_153267:exon11:c.G1574A:p.R525Q	Missense_Mutation		COSM147248
VSCC9	chr9:74974356-74974356	C	T	*ZFAND5*	NM_001102421:exon4:c.G345A:p.P115P,ZFAND5	Silent		COSM3722579
VSCC9	chr9:77377410-77377410	C	T	*TRPM6*	NM_001177310:exon26:c.G4162A:p.V1388I,TRPM6	Missense_Mutation		
VSCC9	chr9:79834875-79834875	C	T	*VPS13A*	NM_001018037:exon11:c.C760T:p.R254C,VPS13A	Missense_Mutation		
VSCC9	chr9:88938280-88938280	G	A	*ZCCHC6*	NM_001185074:exon9:c.C2016T:p.P672P,ZCCHC6	Silent		
VSCC9	chr4:55152040-55152040	C	T	*PDGFRA*	NM_006206:exon18:c.C2472T:p.V824V	Silent	*PDGFRA*	
VSCC9	chr9:95284873-95284873	A	G	*ECM2*	NM_001197295:exon2:c.T276C:p.S92S,ECM2	Silent		COSM4146081
VSCC9	chr9:125330016-125330016	G	A	*OR1L8*	NM_001004454:exon1:c.C741T:p.T247T	Silent		COSM1356602
VSCC9	chr9:130207074-130207074	G	A	*ZNF79*	NM_001286698:exon3:c.G693A:p.A231A,ZNF79	Silent		COSM329305
VSCC9	chr9:136212053-136212053	C	T	*MED22*	NM_133640:exon3:c.G178A:p.E60K,MED22	Missense_Mutation		
VSCC9	chr9:139235526-139235526	C	A	*GPSM1*	NM_015597:exon9:c.C1283A:p.S428X	Nonsense_Mutation		
VSCC9	chr9:139571442-139571442	C	T	*AGPAT2*	NM_001012727:exon3:c.G463A:p.D155N,AGPAT2	Missense_Mutation		COSM147294

VSCC9	chr9:140036577-140036577	G	A	*GRIN1*	NM_000832:exon2:c.G371A:p.R124H,GRIN1	Missense_Mutation	
VSCC9	chr10:5541181-5541181	T	C	*CALML5*	NM_017422:exon1:c.A221G:p.K74R	Missense_Mutation	COSM3998630
VSCC9	chr10:5541183-5541183	C	T	*CALML5*	NM_017422:exon1:c.G219A:p.A73A	Silent	COSM763
VSCC9	chr10:6262702-6262702	C	T	*PFKFB3*	NM_001145443:exon8:c.C645T:p.I215I,PFKFB3	Silent	
VSCC9	chr10:21108395-21108395	C	T	*NEBL*	NM_006393:exon20:c.G2013A:p.P671P	Silent	COSM4145408
VSCC9	chr10:30316872-30316872	T	C	*KIAA1462*	NM_020848:exon3:c.A2205G:p.A735A	Silent	
VSCC9	chr10:35772402-35772402	G	A	*CCNY*	NM_145012:exon2:c.G225A:p.T75T,CCNY	Silent	COSM4416248
VSCC9	chr10:43659372-43659372	C	T	*CSGALNACT2*	NM_018590:exon5:c.C1039T:p.R347X	Nonsense_Mutation	
VSCC9	chr10:50341954-50341954	A	G	*FAM170B*	NM_001164484:exon1:c.T10C:p.Y4H	Missense_Mutation	COSM763
VSCC9	chr10:53458167-53458167	C	T	*CSTF2T*	NM_015235:exon1:c.G1143A:p.R381R	Silent	COSM937839
VSCC9	chr10:71168766-71168766	C	G	*TACR2*	NM_001057:exon3:c.G653C:p.S218T	Missense_Mutation	
VSCC9	chr10:73082563-73082563	A	G	*SLC29A3*	NM_001174098:exon2:c.A52G:p.R18G,SLC29A3	Missense_Mutation	COSM3753192
VSCC9	chr10:73544086-73544086	G	A	*CDH23*	NM_022124:exon40:c.G5411A:p.R1804Q	Missense_Mutation	COSM1225466
VSCC9	chr10:75602244-75602244	C	T	*CAMK2G*	NM_001204492:exon11:c.G875A:p.R292H,CAMK2G	Missense_Mutation	
VSCC9	chr10:84498398-84498398	C	T	*NRG3*	NM_001010848:exon3:c.C1019T:p.S340L,NRG3	Missense_Mutation	
VSCC9	chr10:87362141-87362141	C	T	*GRID1*	NM_017551:exon16:c.G2919A:p.G973G	Silent	
VSCC9	chr10:88203068-88203068	T	C	*WAPL*	NM_015045:exon17:c.A3375G:p.T1125T	Silent	
VSCC9	chr10:94816756-94816756	C	T	*EXOC6*	NM_001013848:exon21:c.C2230T:p.R744W,EXOC6	Missense_Mutation	

VSCC9	chr10:99969568-99969568	A	G	*R3HCC1L*	NM_001256620:exon4:c.A1697G:p.H566R,R3HCC1L	Missense_Mutation	COSM4166799
VSCC9	chr10:104174895-104174895	G	A	*PSD*	NM_002779:exon4:c.C849T:p.Y283Y,PSD	Silent	
VSCC9	chr10:117884950-117884950	G	A	*GFRA1*	NM_145793:exon4:c.C537T:p.N179N,GFRA1	Silent	COSM4407349
VSCC9	chr10:126715519-126715519	G	A	*CTBP2*	NM_022802:exon1:c.C810T:p.Y270Y	Silent	
VSCC9	chr11:1016756-1016756	G	A	*MUC6*	NM_005961:exon31:c.C6045T:p.S2015S	Silent	COSM3458024
VSCC9	chr11:1262312-1262312	G	A	*MUC5B*	NM_002458:exon31:c.G4202A:p.R1401H	Missense_Mutation	
VSCC9	chr11:5906143-5906143	T	C	*OR52E4*	NM_001005165:exon1:c.T621C:p.Y207Y	Silent	COSM3999043
VSCC9	chr11:5906291-5906291	T	C	*OR52E4*	NM_001005165:exon1:c.T769C:p.F257L	Missense_Mutation	COSM3999047
VSCC9	chr11:5969185-5969185	A	G	*OR56A3*	NM_001003443:exon1:c.A609G:p.Q203Q	Silent	COSM3765703
VSCC9	chr11:6341531-6341531	C	A	*PRKCDBP*	NM_145040:exon1:c.G176T:p.R59L	Missense_Mutation	COSM1205323
VSCC9	chr11:7441737-7441737	T	C	*SYT9*	NM_175733:exon6:c.T1338C:p.R446R	Silent	
VSCC9	chr11:13441289-13441289	C	T	*BTBD10*	NM_001297741:exon3:c.G158A:p.R53Q,BTBD10	Missense_Mutation	COSM147683
VSCC9	chr11:18195047-18195047	C	T	*MRGPRX4*	NM_054032:exon1:c.C244T:p.R82C	Missense_Mutation	COSM3793119
VSCC9	chr11:47270255-47270255	C	T	*ACP2*	NM_001302490:exon1:c.G86A:p.R29Q,ACP2	Missense_Mutation	COSM273833
VSCC9	chr11:47360104-47360104	C	T	*MYBPC3*	NM_000256:exon22:c.G2275A:p.E759K	Missense_Mutation	COSM954587
VSCC9	chr11:56143125-56143125	C	T	*OR8U1,OR8U8*	NM_001005204:exon1:c.C26T:p.A9V	Missense_Mutation	
VSCC9	chr11:56431216-56431216	C	T	*OR5AR1*	NM_001004730:exon1:c.C55T:p.Q19X	Nonsense_Mutation	
VSCC9	chr11:57472676-57472676	C	T	*MED19*	NM_001317078:exon2:c.G294A:p.T98T,MED19	Silent	

VSCC9	chr11:58170143-58170143	C	G	*OR5B3*	NM_001005469:exon1:c.G740C:p.G247A	Missense_Mutation	
VSCC9	chr11:58170374-58170374	T	C	*OR5B3*	NM_001005469:exon1:c.A509G:p.N170S	Missense_Mutation	COSM5426023
VSCC9	chr11:60531346-60531346	T	G	*MS4A15*	NM_001098835:exon2:c.T140G:p.L47R,MS4A15	Missense_Mutation	COSM957291
VSCC9	chr11:60687341-60687341	G	A	*TMEM109*	NM_024092:exon2:c.G176A:p.R59Q	Missense_Mutation	COSM3749263
VSCC9	chr11:62159627-62159627	C	T	*ASRGL1*	NM_001083926:exon7:c.C798T:p.I266I,ASRGL1	Silent	COSM959905
VSCC9	chr11:62285859-62285859	C	T	*AHNAK*	NM_001620:exon5:c.G16030A:p.G5344S	Missense_Mutation	
VSCC9	chr11:63885305-63885305	C	T	*FLRT1*	NM_013280:exon2:c.C1566T:p.P522P	Silent	
VSCC9	chr11:64606177-64606177	C	T	*CDC42BPG*	NM_017525:exon8:c.G1074A:p.G358G	Silent	
VSCC9	chr11:69063510-69063510	G	A	*MYEOV*	NM_001293294:exon2:c.G419A:p.R140Q,MYEOV	Missense_Mutation	
VSCC9	chr11:71146577-71146577	G	A	*DHCR7*	NM_001163817:exon9:c.C1272T:p.G424G,DHCR7	Silent	
VSCC9	chr11:74547352-74547352	G	A	*RNF169*	NM_001098638:exon6:c.G1704A:p.M568I	Missense_Mutation	COSM3754332
VSCC9	chr11:76912616-76912616	G	A	*MYO7A*	NM_000260:exon36:c.G4976A:p.R1659H,MYO7A	Missense_Mutation	COSM3999534
VSCC9	chr11:77553638-77553638	T	C	*AAMDC*	NM_024684:exon2:c.T96C:p.G32G,AAMDC	Silent	
VSCC9	chr11:93913036-93913036	A	G	*PANX1*	NM_015368:exon4:c.A814G:p.I272V	Missense_Mutation	COSM1177068
VSCC9	chr11:94113466-94113466	G	T	*GPR83*	NM_016540:exon4:c.C1121A:p.P374Q	Missense_Mutation	
VSCC9	chr11:109294920-109294920	C	T	*C11orf87*	NM_207645:exon2:c.C561T:p.G187G	Silent	
VSCC9	chr11:120996292-120996292	A	G	*TECTA*	NM_005422:exon7:c.A1485G:p.A495A	Silent	
VSCC9	chr11:123813823-123813823	G	A	*OR6T1*	NM_001005187:exon1:c.C723T:p.C241C	Silent	

VSCC9	chr11:123813940-123813940	G	C	*OR6T1*	NM_001005187:exon1:c.C606G:p.L202L	Silent		COSM3999659
VSCC9	chr12:936296-936296	C	T	*WNK1*	NM_001184985:exon3:c.C1021T:p.R341X,WNK1	Nonsense_Mutation		COSM3999663
VSCC9	chr12:20799803-20799803	G	A	*PDE3A*	NM_001244683:exon11:c.G1518A:p.A506A,PDE3A	Silent		
VSCC9	chr12:31632897-31632897	T	C	*DENND5B*	NM_144973:exon3:c.A530G:p.N177S,DENND5B	Missense_Mutation		COSM3957050
VSCC9	chr12:32908237-32908237	C	A	*YARS2*	NM_001040436:exon1:c.G572T:p.G191V	Missense_Mutation		COSM1375381
VSCC9	chr12:46318587-46318587	G	A	*SCAF11*	NM_004719:exon12:c.C3830T:p.P1277L	Missense_Mutation		COSM3999698
VSCC9	chr12:48179185-48179185	C	T	*HDAC7*	NM_001098416:exon23:c.G2665A:p.V889M,HDAC7	Missense_Mutation		COSM5740475
VSCC9	chr12:49177113-49177113	T	G	*ADCY6*	NM_015270:exon2:c.A105C:p.A35A	Silent		
VSCC9	chr12:56335985-56335985	C	T	*DGKA*	NM_001345:exon17:c.C1364T:p.P455L,DGKA	Missense_Mutation		
VSCC9	chr12:57036611-57036611	G	A	*ATP5B*	NM_001686:exon6:c.C797T:p.A266V	Missense_Mutation		COSM3736445
VSCC9	chr12:57595624-57595624	G	A	*LRP1*	NM_002332:exon67:c.G10530A:p.A3510A	Silent		COSM968747
VSCC9	chr12:105446616-105446616	C	T	*ALDH1L2*	NM_001034173:exon11:c.G1381A:p.D461N	Missense_Mutation		
VSCC9	chr12:106633904-106633904	G	A	*CKAP4*	NM_006825:exon2:c.C707T:p.T236M	Missense_Mutation		COSM4128848
VSCC9	chr5:67522722-67522722	C	T	*PIK3R1*	NM_181523:exon2:c.C219T:p.Y73Y	Silent	*PIK3R1*	
VSCC9	chr12:123661254-123661254	C	T	*MPHOSPH9*	NM_022782:exon16:c.G2437A:p.V813M	Missense_Mutation		COSM1709105
VSCC9	chr12:129559446-129559446	C	T	*TMEM132D*	NM_133448:exon9:c.G2274A:p.A758A	Silent		
VSCC9	chr13:23908034-23908034	A	G	*SACS*	NM_001278055:exon8:c.T9540C:p.A3180A,SACS	Silent		
VSCC9	chr13:23913827-23913827	G	A	*SACS*	NM_001278055:exon8:c.C3747T:p.H1249H,SACS	Silent		

VSCC9	chr13:43788158-43788158	G	A	*ENOX1*	NM_001127615:exon17:c.C1900T:p.L634L,ENOX1	Silent	
VSCC9	chr13:43798251-43798251	C	T	*ENOX1*	NM_001127615:exon16:c.G1738A:p.V580I,ENOX1	Missense_Mutation	COSM2692896
VSCC9	chr13:44948206-44948206	C	A	*SERP2*	NM_001010897:exon1:c.C45A:p.S15R	Missense_Mutation	COSM5618448
VSCC9	chr13:46067593-46067593	G	A	*COG3*	NM_031431:exon12:c.G1299A:p.E433E	Silent	
VSCC9	chr13:110435362-110435362	C	T	*IRS2*	NM_003749:exon1:c.G3039A:p.P1013P	Silent	
VSCC9	chr14:23072381-23072381	G	A	*ABHD4*	NM_022060:exon3:c.G199A:p.D67N	Missense_Mutation	
VSCC9	chr14:23419597-23419597	C	T	*HAUS4*	NM_001166270:exon5:c.G353A:p.R118Q,HAUS4	Missense_Mutation	COSM1382640
VSCC9	chr14:24773449-24773449	G	A	*NOP9*	NM_174913:exon8:c.G1613A:p.R538H	Missense_Mutation	
VSCC9	chr14:45633698-45633698	G	A	*FANCM*	NM_001308133:exon9:c.G1640A:p.R547Q,FANCM	Missense_Mutation	COSM3755545
VSCC9	chr14:64644184-64644184	G	A	*SYNE2*	NM_015180:exon96:c.G17539A:p.E5847K,SYNE2	Missense_Mutation	
VSCC9	chr14:64688354-64688354	C	T	*SYNE2*	NM_182910:exon5:c.C688T:p.Q230X,SYNE2	Nonsense_Mutation	
VSCC9	chr14:65406343-65406343	G	A	*GPX2*	UNKNOWN	unknown	COSM3766226
VSCC9	chr14:69701577-69701577	G	A	*EXD2*	NM_018199:exon4:c.G503A:p.R168Q,EXD2	Missense_Mutation	
VSCC9	chr14:104643421-104643421	T	C	*KIF26A*	NM_015656:exon12:c.T4296C:p.L1432L	Silent	COSM3755268
VSCC9	chr15:23812358-23812358	C	T	*MKRN3*	NM_005664:exon1:c.C1429T:p.R477W	Missense_Mutation	
VSCC9	chr15:31319132-31319132	C	T	*TRPM1*	NM_001252020:exon25:c.G3533A:p.R1178Q,TRPM1	Missense_Mutation	COSM4065082
VSCC9	chr15:41192040-41192040	C	T	*VPS18*	NM_020857:exon4:c.C1024T:p.R342W	Missense_Mutation	COSM3795591
VSCC9	chr15:41192186-41192186	C	T	*VPS18*	NM_020857:exon4:c.C1170T:p.H390H	Silent	
VSCC9	chr15:43028592-43028592	G	A	*CDAN1*	NM_138477:exon2:c.C477T:p.P159P	Silent	COSM3720940

VSCC9	chr15:43579566-43579566	A	G	*TGM7*	NM_052955:exon6:c.T777C:p.S259S	Silent		
VSCC9	chr15:43762196-43762196	C	T	*TP53BP1*	NM_001141979:exon11:c.G1249A:p.G417S,TP53BP1	Missense_Mutation		
VSCC9	chr15:43818052-43818052	G	A	*MAP1A*	NM_002373:exon4:c.G4381A:p.D1461N	Missense_Mutation		COSM4271002
VSCC9	chr15:43818907-43818907	G	A	*MAP1A*	NM_002373:exon4:c.G5236A:p.A1746T	Missense_Mutation		
VSCC9	chr15:54707217-54707217	G	A	*UNC13C*	NM_001080534:exon17:c.G4885A:p.E1629K	Missense_Mutation		
VSCC9	chr15:65295520-65295520	C	A	*MTFMT*	NM_139242:exon9:c.G1050T:p.L350F	Missense_Mutation		
VSCC9	chr15:68506655-68506655	G	A	*CLN6*	NM_017882:exon3:c.C270T:p.N90N	Silent		COSM2806345
VSCC9	chr15:75042401-75042401	C	T	*CYP1A2*	NM_000761:exon2:c.C322T:p.R108W	Missense_Mutation		
VSCC9	chr15:75137934-75137934	G	A	*SCAMP2*	NM_005697:exon8:c.C735T:p.S245S	Silent		COSM1221822
VSCC9	chr15:86123924-86123924	C	T	*AKAP13*	NM_006738:exon7:c.C2625T:p.P875P,AKAP13	Silent		
VSCC9	chr15:86124483-86124483	C	G	*AKAP13*	NM_006738:exon7:c.C3184G:p.P1062A,AKAP13	Missense_Mutation		
VSCC9	chr15:89421249-89421249	G	A	*HAPLN3*	NM_178232:exon5:c.C1035T:p.P345P,HAPLN3	Silent		
VSCC9	chr15:89871702-89871702	G	A	*POLG*	NM_001126131:exon6:c.C1235T:p.P412L,POLG	Missense_Mutation		
VSCC9	chr15:90349232-90349232	G	A	*ANPEP*	NM_001150:exon2:c.C583T:p.R195C	Missense_Mutation		
VSCC9	chr15:99670161-99670161	C	T	*SYNM*	UNKNOWN	unknown		
VSCC9	chr15:99670278-99670278	C	T	*SYNM*	UNKNOWN	unknown		
VSCC9	chr16:1826147-1826147	C	T	*EME2*	NM_001257370:exon8:c.C1048T:p.R350C	Missense_Mutation		
VSCC9	chr16:2024811-2024811	G	A	*TBL3*	NM_006453:exon6:c.G427A:p.G143R	Missense_Mutation		COSM5020604
VSCC9	chr7:6026988-6026988	G	A	*PMS2*	NM_000535:exon11:c.C1408T:p.P470S	Missense_Mutation	*PMS2*	

VSCC9	chr16:2338039-2338039	G	A	*ABCA3*	NM_001089:exon21:c.C2992T:p.R998C	Missense_Mutation	
VSCC9	chr16:17353212-17353212	C	T	*XYLT1*	NM_022166:exon3:c.G546A:p.A182A	Silent	
VSCC9	chr16:27238110-27238110	C	T	*NSMCE1*	NM_145080:exon6:c.G531A:p.E177E	Silent	
VSCC9	chr16:27788317-27788317	G	A	*KIAA0556*	NM_015202:exon25:c.G4518A:p.A1506A	Silent	
VSCC9	chr16:31925806-31925806	C	T	*ZNF267*	NM_003414:exon4:c.C236T:p.S79L,ZNF267	Missense_Mutation	
VSCC9	chr16:49660126-49660126	C	T	*ZNF423*	NM_001271620:exon5:c.G3352A:p.E1118K,ZNF423	Missense_Mutation	COSM4000562
VSCC9	chr16:56918023-56918023	G	A	*SLC12A3*	NM_000339:exon14:c.G1732A:p.V578M,SLC12A3	Missense_Mutation	COSM4000569
VSCC9	chr16:57077457-57077457	C	T	*NLRC5*	NM_032206:exon19:c.C3144T:p.A1048A	Silent	
VSCC9	chr16:57604382-57604382	C	T	*ADGRG5*	NM_001304376:exon10:c.C1143T:p.Y381Y,ADGRG5	Silent	
VSCC9	chr16:81077066-81077066	C	T	*ATMIN*	NM_001300728:exon4:c.C495T:p.A165A,ATMIN	Silent	COSM3756602
VSCC9	chr16:84256103-84256103	C	T	*KCNG4*	NM_172347:exon3:c.G1280A:p.R427H	Missense_Mutation	COSM252370
VSCC9	chr16:84623757-84623757	C	T	*COTL1*	NM_021149:exon3:c.G272A:p.R91H	Missense_Mutation	
VSCC9	chr16:89254650-89254650	G	A	*CDH15*	NM_004933:exon7:c.G935A:p.R312H	Missense_Mutation	
VSCC9	chr17:2278891-2278891	G	A	*SGSM2*	NM_001098509:exon17:c.G2071A:p.V691M,SGSM2	Missense_Mutation	COSM3535259
VSCC9	chr17:3324785-3324785	C	T	*OR3A3*	NM_012373:exon1:c.C924T:p.G308G	Silent	COSM148667
VSCC9	chr17:3494622-3494622	C	T	*TRPV1*	NM_080706:exon2:c.G310A:p.A104T,TRPV1	Missense_Mutation	
VSCC9	chr17:3999199-3999199	C	T	*ZZEF1*	NM_015113:exon11:c.G1839A:p.A613A	Silent	
VSCC9	chr17:4446342-4446342	C	T	*MYBBP1A*	NM_001105538:exon20:c.G2758A:p.A920T,MYBBP1A	Missense_Mutation	

VSCC9	chr17:7606757-7606757	G	A	*WRAP53*	NM_018081:exon10:c.G1600A:p.E534K,WRAP53	Missense_Mutation		COSM3757097
VSCC9	chr17:8022065-8022065	G	A	*ALOXE3*	NM_001165960:exon1:c.C32T:p.P11L	Missense_Mutation		
VSCC9	chr17:10535936-10535936	C	T	*MYH3*	NM_002470:exon34:c.G4813A:p.E1605K	Missense_Mutation		COSM1024494
VSCC9	chr17:15215660-15215660	T	C	*TEKT3*	NM_031898:exon7:c.A1017G:p.Q339Q	Silent		COSM5766479
VSCC9	chr17:27209366-27209366	C	T	*FLOT2*	NM_004475:exon6:c.G568A:p.A190T	Missense_Mutation		COSM4819857
VSCC9	chr17:27209367-27209367	G	A	*FLOT2*	NM_004475:exon6:c.C567T:p.D189D	Silent		COSM2705231
VSCC9	chr17:39274518-39274518	C	T	*KRTAP4-11*	NM_033059:exon1:c.G50A:p.R17Q	Missense_Mutation		
VSCC9	chr17:39594356-39594356	G	A	*KRT38*	NM_006771:exon6:c.C1230T:p.S410S	Silent		COSM5857774
VSCC9	chr17:47246163-47246163	T	C	*B4GALNT2*	NM_001159387:exon10:c.T1216C:p.C406R,B4GALNT2	Missense_Mutation		COSM3389794
VSCC9	chr17:48917176-48917176	G	A	*WFIKKN2*	NM_175575:exon2:c.G527A:p.R176H	Missense_Mutation		COSM4756018
VSCC9	chr17:65026648-65026648	G	A	*CACNG4*	NM_014405:exon4:c.G512A:p.R171Q	Missense_Mutation		COSM1198590
VSCC9	chr17:72815931-72815931	G	A	*TMEM104*	NM_017728:exon9:c.G679A:p.V227I	Missense_Mutation		COSM4294522
VSCC9	chr12:133236034-133236034	C	T	*POLE*	NM_006231:exon26:c.G3122A:p.R1041Q	Missense_Mutation	*POLE*	
VSCC9	chr1:3347539-3347539	G	A	*PRDM16*	NM_022114:exon15:c.G3388A:p.D1130N,PRDM16	Missense_Mutation	*PRDM16*	
VSCC9	chr17:80129699-80129699	C	T	*CCDC57*	NM_198082:exon12:c.G1760A:p.R587Q,CCDC57	Missense_Mutation		
VSCC9	chr18:9547822-9547822	C	T	*PPP4R1*	NM_001042388:exon20:c.G2818A:p.E940K,PPP4R1	Missense_Mutation		COSM4418749
VSCC9	chr18:9577186-9577186	G	A	*PPP4R1*	NM_001042388:exon10:c.C922T:p.R308C,PPP4R1	Missense_Mutation		
VSCC9	chr18:29453405-29453405	G	A	*TRAPPC8*	NM_014939:exon14:c.C2050T:p.R684X	Nonsense_Mutation		

VSCC9	chr18:29867504-29867504	T	C	*GAREM1*	NM_001242409:exon4:c.A1056G:p.E352E,GAREM1	Silent	COSM3759115
VSCC9	chr18:31709861-31709861	C	T	*NOL4*	NM_001198546:exon2:c.G388A:p.A130T,NOL4	Missense_Mutation	COSM3759120
VSCC9	chr18:60646474-60646474	C	T	*PHLPP1*	NM_194449:exon17:c.C4964T:p.P1655L	Missense_Mutation	COSM4736304
VSCC9	chr18:61306965-61306965	G	A	*SERPINB4*	NM_002974:exon6:c.C515T:p.T172M,SERPINB4	Missense_Mutation	
VSCC9	chr18:61558737-61558737	C	A	*SERPINB2*	NM_002575:exon2:c.C59A:p.A20E,SERPINB2	Missense_Mutation	COSM4002198
VSCC9	chr19:1120014-1120014	G	A	*SBNO2*	NM_001100122:exon9:c.C987T:p.F329F,SBNO2	Silent	
VSCC9	chr19:5832408-5832408	G	A	*FUT6*	NM_001040701:exon2:c.C171T:p.P57P,FUT6	Silent	
VSCC9	chr19:7141775-7141775	G	A	*INSR*	NM_001079817:exon12:c.C2559T:p.N853N,INSR	Silent	
VSCC9	chr19:10224548-10224548	G	A	*P2RY11,PPAN-P2RY11*	NM_002566:exon2:c.G259A:p.A87T,PPAN-P2RY11	Missense_Mutation	COSM1118827
VSCC9	chr19:10335105-10335105	C	T	*S1PR2*	NM_004230:exon2:c.G477A:p.S159S	Silent	COSM4108608
VSCC9	chr19:16905360-16905360	C	T	*NWD1*	NM_001007525:exon15:c.C3300T:p.A1100A,NWD1	Silent	
VSCC9	chr19:17163658-17163658	C	T	*HAUS8*	NM_001011699:exon10:c.G903A:p.A301A,HAUS8	Silent	COSM5652754
VSCC9	chr19:17173588-17173588	G	A	*HAUS8*	NM_001011699:exon4:c.C149T:p.A50V,HAUS8	Missense_Mutation	
VSCC9	chr19:18180413-18180413	C	G	*IL12RB1*	NM_001290023:exon10:c.G1132C:p.G378R,IL12RB1	Missense_Mutation	
VSCC9	chr19:18180451-18180451	A	G	*IL12RB1*	NM_001290023:exon10:c.T1094C:p.M365T,IL12RB1	Missense_Mutation	COSM3563988
VSCC9	chr19:18191664-18191664	C	G	*IL12RB1*	NM_001290023:exon4:c.G387C:p.V129V,IL12RB1	Silent	COSM3143238
VSCC9	chr19:19824903-19824903	C	T	*ZNF14*	NM_021030:exon3:c.G188A:p.R63Q	Missense_Mutation	
VSCC9	chr19:33353061-33353061	G	T	*SLC7A9*	NM_001126335:exon6:c.C667A:p.L223M,SLC7A9	Missense_Mutation	

VSCC9	chr19:36041988-36041988	C	T	*ATP4A*	NM_000704:exon20:c.G2911A:p.V971M	Missense_Mutation		
VSCC9	chr19:37854196-37854196	C	T	*HKR1*	NM_181786:exon6:c.C1499T:p.T500M	Missense_Mutation		
VSCC9	chr19:39037155-39037155	C	T	*RYR1*	NM_001042723:exon87:c.C12068T:p.S4023L,RYR1	Missense_Mutation		
VSCC9	chr19:43920619-43920619	C	T	*TEX101*	NM_001130011:exon4:c.C303T:p.I101I,TEX101	Silent		
VSCC9	chr19:44636802-44636802	A	T	*ZNF225*	NM_013362:exon5:c.A2035T:p.T679S	Missense_Mutation		
VSCC9	chr19:49129255-49129255	G	A	*SPHK2*	NM_001204160:exon2:c.G39A:p.P13P,SPHK2	Silent		
VSCC9	chr19:50102675-50102675	G	A	*PRR12*	NM_020719:exon5:c.G3825A:p.P1275P	Silent		
VSCC9	chr19:50361208-50361208	C	T	*PTOV1*	NM_001305105:exon8:c.C852T:p.H284H,PTOV1	Silent		
VSCC9	chr19:51871195-51871195	G	A	*CLDND2*	NM_152353:exon2:c.C255T:p.C85C	Silent		
VSCC9	chr19:53352413-53352413	T	C	*ZNF468*	NM_001008801:exon3:c.A69G:p.K23K,ZNF468	Silent		
VSCC9	chr20:1145707-1145707	G	A	*PSMF1*	NM_006814:exon7:c.G799A:p.D267N,PSMF1	Missense_Mutation		
VSCC9	chr20:4158099-4158099	G	A	*SMOX*	NM_001270691:exon3:c.G310A:p.D104N,SMOX	Missense_Mutation		COSM4958453
VSCC9	chr20:9561029-9561029	C	T	*PAK7*	NM_177990:exon4:c.G753A:p.A251A,PAK7	Silent		
VSCC9	chr20:20257913-20257913	G	A	*CFAP61*	NM_015585:exon22:c.G2607A:p.P869P	Silent		
VSCC9	chr12:112891153-112891153	G	A	*PTPN11*	NM_002834:exon4:c.G487A:p.G163S,PTPN11	Missense_Mutation	*PTPN11*	
VSCC9	chr20:34785884-34785884	G	A	*EPB41L1*	NM_001258331:exon13:c.G1367A:p.R456Q,EPB41L1	Missense_Mutation		
VSCC9	chr20:44757562-44757562	C	T	*CD40*	NM_001250:exon9:c.C717T:p.P239P	Silent		
VSCC9	chr20:57767771-57767771	C	T	*ZNF831*	NM_178457:exon1:c.C1697T:p.A566V	Missense_Mutation		

VSCC9	chr20:61429984-61429984	G	A	*MRGBP*	NM_018270:exon3:c.G316A:p.V106I	Missense_Mutation	
VSCC9	chr20:62839440-62839440	A	G	*MYT1*	NM_004535:exon7:c.A891G:p.E297E	Silent	COSM5351866
VSCC9	chr21:38309300-38309300	C	T	*HLCS*	NM_000411:exon5:c.G445A:p.E149K,HLCS	Missense_Mutation	
VSCC9	chr21:40627701-40627701	G	A	*BRWD1*	NM_018963:exon19:c.C2125T:p.R709C,BRWD1	Missense_Mutation	
VSCC9	chr22:23503170-23503170	A	G	*RAB36*	NM_004914:exon10:c.A922G:p.N308D	Missense_Mutation	
VSCC9	chr22:25294376-25294376	C	T	*SGSM1*	NM_001098498:exon18:c.C2277T:p.S759S,SGSM1	Silent	
VSCC9	chr22:28394685-28394685	G	A	*TTC28*	NM_001145418:exon16:c.C4962T:p.L1654L	Silent	COSM3773425
VSCC9	chr22:28426321-28426321	C	T	*TTC28*	NM_001145418:exon13:c.G3966A:p.A1322A	Silent	COSM3773426
VSCC9	chr22:29908072-29908072	C	T	*THOC5*	NM_001002879:exon18:c.G1735A:p.V579I,THOC5	Missense_Mutation	
VSCC9	chr22:30762140-30762140	G	A	*CCDC157*	NM_001017437:exon3:c.G151A:p.D51N	Missense_Mutation	
VSCC9	chr22:38120965-38120965	T	C	*TRIOBP*	NM_001039141:exon7:c.T2402C:p.L801P	Missense_Mutation	
VSCC9	chr22:39811558-39811558	G	A	*TAB1*	NM_006116:exon3:c.G224A:p.R75Q,TAB1	Missense_Mutation	
VSCC9	chr22:43614316-43614316	C	G	*SCUBE1*	NM_173050:exon15:c.G1836C:p.A612A	Silent	COSM277581
VSCC9	chr22:45779372-45779372	C	T	*SMC1B*	NM_001291501:exon12:c.G2033A:p.R678Q,SMC1B	Missense_Mutation	
VSCC9	chrX:7177454-7177454	C	T	*STS*	NM_000351:exon5:c.C462T:p.H154H	Silent	COSM5914625
VSCC9	chrX:9656182-9656182	G	A	*TBL1X*	NM_001139467:exon6:c.G330A:p.A110A,TBL1X	Silent	COSM4727900
VSCC9	chrX:18912471-18912471	G	A	*PHKA2*	NM_000292:exon32:c.C3388T:p.R1130C	Missense_Mutation	
VSCC9	chrX:21674083-21674083	C	T	*KLHL34*	NM_153270:exon1:c.G1824A:p.A608A	Silent	

VSCC9	chrX:24225504-24225504	G	A	*ZFX*	NM_001178086:exon2:c.G21A:p.S7S,ZFX	Silent		
VSCC9	chrX:29686599-29686599	G	A	*IL1RAPL1*	NM_014271:exon6:c.G756A:p.L252L	Silent		
VSCC9	chrX:37027956-37027956	C	T	*FAM47C*	NM_001013736:exon1:c.C1473T:p.P491P	Silent		COSM292906
VSCC9	chrX:55513412-55513412	A	G	*USP51*	NM_201286:exon2:c.T1961C:p.V654A	Missense_Mutation		
VSCC9	chrX:88008632-88008632	G	A	*CPXCR1*	NM_001184771:exon3:c.G217A:p.E73K,CPXCR1	Missense_Mutation		
VSCC9	chrX:90690776-90690776	G	A	*PABPC5*	NM_080832:exon2:c.G200A:p.R67H	Missense_Mutation		
VSCC9	chrX:102755678-102755678	C	T	*RAB40A*	NM_080879:exon3:c.G7A:p.A3T	Missense_Mutation		
VSCC9	chrX:124456399-124456399	A	G	*LOC100129520*	NM_001195272:exon1:c.A2431G:p.S811G	Missense_Mutation		
VSCC9	chrX:129380893-129380893	C	T	*ZNF280C*	NM_017666:exon3:c.G118A:p.E40K	Missense_Mutation		
VSCC9	chrX:132351471-132351471	C	T	*TFDP3*	NM_016521:exon1:c.G817A:p.D273N	Missense_Mutation		
VSCC9	chrX:149641971-149641971	C	T	*MAMLD1*	NM_001177466:exon3:c.C1862T:p.A621V,MAMLD1	Missense_Mutation		
VSCC9	chrX:153135670-153135670	G	A	*L1CAM*	NM_001143963:exon7:c.C817T:p.R273C,L1CAM	Missense_Mutation		
VSCC9	chrX:153760659-153760659	C	T	*G6PD*	NM_000402:exon11:c.G1396A:p.A466T,G6PD	Missense_Mutation		
VSCC9	chr6:128410991-128410991	C	T	*PTPRK*	NM_001291983:exon7:c.G922A:p.E308K,PTPRK	Missense_Mutation	*PTPRK*	
VSCC9	chr6:163987782-163987782	G	A	*QKI*	NM_001301085:exon7:c.G940A:p.D314N,QKI	Missense_Mutation	*QKI*	
VSCC9	chr17:78306280-78306280	A	G	*RNF213*	NM_001256071:exon21:c.A3992G:p.D1331G	Missense_Mutation	*RNF213*	
VSCC9	chr17:78306308-78306308	C	G	*RNF213*	NM_001256071:exon21:c.C4020G:p.V1340V	Silent	*RNF213*	
VSCC9	chr17:78319136-78319136	G	A	*RNF213*	NM_001256071:exon29:c.G7001A:p.S2334N	Missense_Mutation	*RNF213*	

VSCC9	chr9:131456941-131456941	T	A	*SET*	NM_001122821:exon8:c.T871A:p.X291K,SET	Nonsense_Mutation	*SET*	COSM148856
VSCC9	chr2:198257795-198257795	T	C	*SF3B1*	NM_012433:exon24:c.A3657G:p.V1219V	Silent	*SF3B1*	
VSCC9	chr2:198283305-198283305	T	C	*SF3B1*	NM_012433:exon5:c.A423G:p.K141K	Silent	*SF3B1*	
VSCC9	chr1:16258542-16258542	G	A	*SPEN*	NM_015001:exon11:c.G5807A:p.R1936Q	Missense_Mutation	*SPEN*	
VSCC9	chr1:16261684-16261684	G	A	*SPEN*	NM_015001:exon11:c.G8949A:p.T2983T	Silent	*SPEN*	COSM258388
VSCC9	chr9:93641151-93641151	T	C	*SYK*	NM_001135052:exon10:c.T1428C:p.N476N,SYK	Silent	*SYK*	
VSCC9	chr16:2106219-2106219	C	T	*TSC2*	NM_000548:exon7:c.C622T:p.R208W,TSC2	Missense_Mutation	*TSC2*	
VSCC9	chr1:209605637-209605648	AGCAGCAGCAGC	-	*MIR205HG*	NM_001104548:exon4:c.252_263del:p.84_88del	In_Frame_Del		
VSCC9	chr19:18980054-18980054	-	GCC	*GDF1*	NM_001492:exon8:c.470_471insGGC:p.A157delinsAA	In_Frame_Ins		
VSCC9	chr19:55869880-55869903	GCTCCTTCATCTCGCCCCATGGCT	-	*FAM71E2*	NM_001145402:exon9:c.2333_2356del:p.778_786del	In_Frame_Del		COSM3569482
VSCC9	chr20:21106714-21106714	-	G	*KIZ*	UNKNOWN	unknown		COSM3574689
VSCC10	chr2:60688019-60688019	G	A	*BCL11A*	NM_018014:exon4:c.C2028T:p.F676F,BCL11A	Silent	*BCL11A*	
VSCC10	chr14:99642095-99642095	C	A	*BCL11B*	NM_001282238:exon3:c.G862T:p.A288S,BCL11B	Missense_Mutation	*BCL11B*	
VSCC10	chr7:2969662-2969662	G	A	*CARD11*	NM_032415:exon12:c.C1617T:p.C539C	Silent	*CARD11*	
VSCC10	chr15:40916432-40916432	G	C	*CASC5*	NM_144508:exon10:c.G3970C:p.D1324H,CASC5	Missense_Mutation	*CASC5*	COSM3962542
VSCC10	chr15:40917695-40917695	G	C	*CASC5*	NM_144508:exon10:c.G5233C:p.E1745Q,CASC5	Missense_Mutation	*CASC5*	
VSCC10	chr17:37618494-37618494	C	T	*CDK12*	NM_015083:exon1:c.C170T:p.T57I,CDK12	Missense_Mutation	*CDK12*	
VSCC10	chr7:101870843-101870843	C	T	*CUX1*	NM_001202543:exon21:c.C3360T:p.S1120S,CUX1	Silent	*CUX1*	

VSCC10	chr22:41574264-41574264	G	A	*EP300*	NM_001429:exon31:c.G6549A:p.L2183L	Silent	*EP300*	COSM3593535
VSCC10	chr17:73775020-73775020	C	T	*H3F3B*	NM_005324:exon3:c.G153A:p.E51E	Silent	*H3F3B*	
VSCC10	chr12:121437291-121437291	C	T	*HNF1A*	NM_000545:exon9:c.C1629T:p.F543F,HNF1A	Silent	*HNF1A*	
VSCC10	chr7:151860342-151860342	C	G	*KMT2C*	NM_170606:exon43:c.G10320C:p.E3440D	Missense_Mutation	*KMT2C*	
VSCC10	chr11:95825407-95825407	C	T	*MAML2*	NM_032427:exon2:c.G1788A:p.Q596Q	Silent	*MAML2*	COSM5773514
VSCC10	chr2:24914466-24914466	C	T	*NCOA1*	NM_003743:exon7:c.C649T:p.R217C,NCOA1	Missense_Mutation	*NCOA1*	
VSCC10	chr12:124835222-124835222	G	A	*NCOR2*	NM_001077261:exon29:c.C3725T:p.P1242L,NCOR2	Missense_Mutation	*NCOR2*	
VSCC10	chr8:32621592-32621592	A	G	*NRG1*	NM_013957:exon12:c.A1586G:p.E529G,NRG1	Missense_Mutation	*NRG1*	
VSCC10	chr12:133219265-133219265	C	G	*POLE*	NM_006231:exon37:c.G4779C:p.L1593L	Silent	*POLE*	
VSCC10	chr1:1118272-1118272	C	G	*TTLL10*	NM_153254:exon7:c.C714G:p.I238M,TTLL10	Missense_Mutation		COSM4561370
VSCC10	chr1:3425703-3425703	G	A	*MEGF6*	NM_001409:exon12:c.C1464T:p.D488D	Silent		COSM5420203
VSCC10	chr1:9795145-9795145	C	G	*CLSTN1*	NM_001302883:exon13:c.G1914C:p.L638L,CLSTN1	Silent		
VSCC10	chr1:11595078-11595078	C	T	*PTCHD2*	NM_020780:exon19:c.C3546T:p.S1182S	Silent		
VSCC10	chr1:19181154-19181154	G	A	*TAS1R2*	NM_152232:exon3:c.C810T:p.R270R	Silent		
VSCC10	chr1:26189971-26189971	G	C	*PAQR7*	NM_178422:exon2:c.C360G:p.F120L	Missense_Mutation		
VSCC10	chr1:27219019-27219019	C	T	*GPATCH3*	NM_022078:exon6:c.G1244A:p.R415Q	Missense_Mutation		
VSCC10	chr1:43779593-43779593	G	A	*TIE1*	NM_001253357:exon14:c.G2228A:p.R743K,TIE1	Missense_Mutation		
VSCC10	chr1:53453713-53453713	C	T	*SCP2*	NM_001007098:exon10:c.C854T:p.T285M,SCP2	Missense_Mutation		

VSCC10	chr1:53716409-53716409	C	T	*LRP8*	NM_017522:exon15:c.G2017A:p.E673K,LRP8	Missense_Mutation	
VSCC10	chr1:55509554-55509554	G	A	*PCSK9*	NM_174936:exon2:c.G246A:p.L82L	Silent	COSM1658914
VSCC10	chr1:60139740-60139740	G	C	*FGGY*	NM_001278224:exon8:c.G550C:p.E184Q,FGGY	Missense_Mutation	COSM3392280
VSCC10	chr1:64936618-64936618	C	T	*CACHD1*	NM_020925:exon1:c.C38T:p.T13I	Missense_Mutation	
VSCC10	chr1:76254867-76254867	G	A	*RABGGTB*	NM_004582:exon3:c.G135A:p.L45L	Silent	
VSCC10	chr1:91731643-91731643	G	A	*HFM1*	NM_001017975:exon36:c.C3905T:p.S1302L	Missense_Mutation	
VSCC10	chr1:94543341-94543341	G	A	*ABCA4*	NM_000350:exon11:c.C1459T:p.R487W	Missense_Mutation	
VSCC10	chr1:104068762-104068762	C	T	*RNPC3*	NM_017619:exon1:c.C70T:p.R24W	Missense_Mutation	COSM5648785
VSCC10	chr1:113059848-113059848	G	A	*WNT2B*	NM_001291880:exon4:c.G511A:p.D171N,WNT2B	Missense_Mutation	
VSCC10	chr1:114444395-114444395	G	A	*AP4B1*	NM_001253852:exon3:c.C451T:p.H151Y,AP4B1	Missense_Mutation	
VSCC10	chr1:150199042-150199042	C	A	*ANP32E*	NM_001136478:exon4:c.G456T:p.E152D,ANP32E	Missense_Mutation	
VSCC10	chr1:150199045-150199045	T	C	*ANP32E*	NM_001280560:exon4:c.A410G:p.K137R	Missense_Mutation	
VSCC10	chr1:152284867-152284867	G	A	*FLG*	NM_002016:exon3:c.C2495T:p.S832L	Missense_Mutation	
VSCC10	chr1:153333264-153333264	G	A	*S100A9*	NM_002965:exon3:c.G295A:p.E99K	Missense_Mutation	
VSCC10	chr1:159783295-159783295	G	A	*FCRL6*	NM_001004310:exon7:c.G1026A:p.Q342Q,FCRL6	Silent	
VSCC10	chr1:162773288-162773288	C	T	*HSD17B7*	NM_016371:exon6:c.C710T:p.P237L	Missense_Mutation	
VSCC10	chr1:166826894-166826894	C	T	*TADA1*	NM_053053:exon8:c.G918A:p.T306T	Silent	COSM1060717
VSCC10	chr1:169435112-169435112	G	A	*SLC19A2*	NM_006996:exon6:c.C1469T:p.S490L	Missense_Mutation	

VSCC10	chr1:169512109-169512109	C	T	*F5*	NM_000130:exon13:c.G2219A:p.R740Q	Missense_Mutation	COSM1594968
VSCC10	chr1:173486813-173486813	C	A	*SLC9C2*	NM_178527:exon23:c.G2770T:p.E924X	Nonsense_Mutation	COSM1310743
VSCC10	chr1:179461992-179461992	G	A	*AXDND1*	NM_144696:exon20:c.G2294A:p.C765Y	Missense_Mutation	
VSCC10	chr1:182499419-182499419	C	G	*RGSL1*	NM_001137669:exon12:c.C2166G:p.I722M	Missense_Mutation	
VSCC10	chr1:186273971-186273971	C	T	*PRG4*	NM_001127708:exon5:c.C392T:p.S131F,PRG4	Missense_Mutation	
VSCC10	chr1:192627380-192627380	G	C	*RGS13*	NM_144766:exon5:c.G177C:p.E59D,RGS13	Missense_Mutation	
VSCC10	chr1:196695661-196695661	G	A	*CFH*	NM_000186:exon13:c.G1935A:p.T645T	Silent	
VSCC10	chr1:197128599-197128599	G	A	*ZBTB41*	NM_194314:exon10:c.C2620T:p.R874X	Nonsense_Mutation	COSM1252962
VSCC10	chr1:201618537-201618537	C	T	*NAV1*	NM_020443:exon1:c.C741T:p.L247L	Silent	COSM207540
VSCC10	chr1:211526592-211526592	C	T	*TRAF5*	NM_001033910:exon2:c.C11T:p.S4L,TRAF5	Missense_Mutation	
VSCC10	chr1:222717463-222717463	C	T	*HHIPL2*	NM_024746:exon2:c.G390A:p.P130P	Silent	
VSCC10	chr1:230839970-230839970	T	A	*AGT*	NM_000029:exon4:c.A1238T:p.K413I	Missense_Mutation	
VSCC10	chr1:243471383-243471383	G	A	*SDCCAG8*	NM_006642:exon8:c.G833A:p.R278H	Missense_Mutation	
VSCC10	chr1:247769068-247769068	T	C	*OR2G3*	NM_001001914:exon1:c.T181C:p.F61L	Missense_Mutation	
VSCC10	chr2:1658266-1658266	G	A	*PXDN*	NM_012293:exon15:c.C1852T:p.R618X	Nonsense_Mutation	
VSCC10	chr2:3523255-3523255	C	T	*ADI1*	NM_018269:exon1:c.G4A:p.V2M	Missense_Mutation	
VSCC10	chr2:7164647-7164647	C	T	*RNF144A*	NM_014746:exon7:c.C657T:p.D219D	Silent	
VSCC10	chr2:20101480-20101480	C	T	*TTC32*	NM_001008237:exon1:c.G136A:p.E46K	Missense_Mutation	

VSCC10	chr2:24090720-24090720	C	T	*ATAD2B*	NM_001242338:exon10:c.G1173A:p.M391I,ATAD2B	Missense_Mutation	
VSCC10	chr2:26684977-26684977	C	T	*OTOF*	NM_194322:exon24:c.G3195A:p.E1065E,OTOF	Silent	
VSCC10	chr2:27802424-27802424	G	A	*C2orf16*	NM_032266:exon1:c.G2985A:p.V995V	Silent	COSM1440360
VSCC10	chr2:54482989-54482989	C	T	*TSPYL6*	NM_001003937:exon1:c.G300A:p.A100A	Silent	
VSCC10	chr2:73677471-73677471	G	A	*ALMS1*	NM_015120:exon8:c.G3814A:p.D1272N	Missense_Mutation	
VSCC10	chr2:73996400-73996400	G	C	*DUSP11*	NM_003584:exon5:c.C627G:p.L209L	Silent	COSM357901
VSCC10	chr2:135743788-135743788	C	T	*MAP3K19*	NM_001018044:exon5:c.G2315A:p.R772Q,MAP3K19	Missense_Mutation	COSM4877097
VSCC10	chr2:135988267-135988267	C	T	*ZRANB3*	NM_001286568:exon13:c.G1770A:p.S590S,ZRANB3	Silent	COSM1698601
VSCC10	chr2:135988288-135988288	C	T	*ZRANB3*	NM_001286568:exon13:c.G1749A:p.S583S,ZRANB3	Silent	
VSCC10	chr2:164467272-164467272	G	C	*FIGN*	NM_018086:exon3:c.C1070G:p.S357X	Nonsense_Mutation	
VSCC10	chr2:166535272-166535272	G	C	*CSRNP3*	NM_024969:exon5:c.G767C:p.R256T,CSRNP3	Missense_Mutation	
VSCC10	chr2:168102694-168102694	G	A	*XIRP2*	NM_001199144:exon7:c.G4126A:p.E1376K,XIRP2	Missense_Mutation	
VSCC10	chr2:180308074-180308074	G	A	*ZNF385B*	NM_001113397:exon8:c.C1091T:p.S364L,ZNF385B	Missense_Mutation	
VSCC10	chr2:201469460-201469460	C	T	*AOX1*	NM_001159:exon9:c.C711T:p.G237G	Silent	
VSCC10	chr2:204193297-204193297	C	T	*ABI2*	NM_001282925:exon1:c.C60T:p.F20F,ABI2	Silent	
VSCC10	chr2:206166376-206166376	G	A	*PARD3B*	NM_057177:exon17:c.G2374A:p.E792K,PARD3B	Missense_Mutation	COSM4161724
VSCC10	chr2:233925301-233925301	G	A	*INPP5D*	UNKNOWN	unknown	
VSCC10	chr2:235950673-235950673	G	A	*SH3BP4*	NM_014521:exon4:c.G1260A:p.S420S	Silent	
VSCC10	chr3:30903220-30903220	C	T	*GADL1*	NM_207359:exon2:c.G75A:p.K25K	Silent	

VSCC10	chr3:32932003-32932003	G	A	*TRIM71*	NM_001039111:exon4:c.G1307A:p.R436Q	Missense_Mutation	COSM3878867
VSCC10	chr3:38739944-38739944	C	T	*SCN10A*	NM_001293307:exon26:c.G4473A:p.A1491A,SCN10A	Silent	
VSCC10	chr3:44351458-44351458	G	T	*TOPAZ1*	NM_001145030:exon16:c.G4282T:p.D1428Y	Missense_Mutation	
VSCC10	chr3:44856428-44856428	G	A	*KIF15*	NM_020242:exon20:c.G2409A:p.L803L	Silent	
VSCC10	chr3:47889852-47889852	G	A	*DHX30*	NM_138615:exon15:c.G2469A:p.A823A,DHX30	Silent	
VSCC10	chr3:49051341-49051341	C	T	*WDR6*	NM_018031:exon2:c.C2464T:p.Q822X	Nonsense_Mutation	COSM1129607
VSCC10	chr3:50334777-50334777	C	T	*NAT6*	NM_001200016:exon2:c.G118A:p.E40K,NAT6	Missense_Mutation	
VSCC10	chr3:51430773-51430773	C	T	*RBM15B*	NM_013286:exon1:c.C1943T:p.S648F	Missense_Mutation	
VSCC10	chr3:69230613-69230613	C	T	*FRMD4B*	NM_015123:exon21:c.G2288A:p.R763Q	Missense_Mutation	
VSCC10	chr3:74535714-74535714	A	G	*CNTN3*	NM_020872:exon3:c.T251C:p.L84P	Missense_Mutation	COSM3729414
VSCC10	chr3:78766461-78766461	C	T	*ROBO1*	NM_001145845:exon5:c.G764A:p.R255Q,ROBO1	Missense_Mutation	
VSCC10	chr3:113015660-113015660	G	A	*CFAP44*	NM_001164496:exon33:c.C5150T:p.T1717M	Missense_Mutation	
VSCC10	chr3:113252031-113252031	G	A	*SIDT1*	NM_001308350:exon1:c.G163A:p.V55M,SIDT1	Missense_Mutation	
VSCC10	chr3:126158490-126158490	G	A	*ZXDC*	NM_025112:exon9:c.C2475T:p.P825P	Silent	
VSCC10	chr3:128853782-128853782	C	T	*ISY1,ISY1-RAB43*	NM_001204890:exon8:c.G434A:p.R145K,ISY1	Missense_Mutation	
VSCC10	chr3:134079134-134079134	A	G	*AMOTL2*	NM_001278683:exon7:c.T1871C:p.M624T,AMOTL2	Missense_Mutation	
VSCC10	chr3:142753766-142753766	C	T	*U2SURP*	NM_001080415:exon19:c.C1890T:p.L630L	Silent	
VSCC10	chr3:160083919-160083919	G	A	*IFT80*	NM_001190242:exon5:c.C50T:p.A17V,IFT80	Missense_Mutation	

VSCC10	chr3:169820283-169820283	G	A	*PHC3*	NM_001308116:exon14:c.C2781T:p.F927F,PHC3	Silent	COSM1110561
VSCC10	chr3:172835147-172835147	C	T	*SPATA16*	NM_031955:exon2:c.G375A:p.M125I	Missense_Mutation	
VSCC10	chr3:183209837-183209837	C	T	*KLHL6*	NM_130446:exon7:c.G1744A:p.E582K	Missense_Mutation	
VSCC10	chr3:191098713-191098713	G	A	*CCDC50*	NM_174908:exon8:c.G706A:p.E236K,CCDC50	Missense_Mutation	
VSCC10	chr4:1824820-1824820	G	A	*LETM1*	NM_012318:exon9:c.C1371T:p.G457G	Silent	COSM3395496
VSCC10	chr4:8416033-8416033	C	T	*ACOX3*	NM_001101667:exon5:c.G529A:p.D177N,ACOX3	Missense_Mutation	
VSCC10	chr4:10447128-10447128	G	C	*ZNF518B*	NM_053042:exon3:c.C825G:p.I275M	Missense_Mutation	COSM1105564
VSCC10	chr4:26741532-26741532	G	T	*TBC1D19*	NM_001292054:exon14:c.G969T:p.Q323H,TBC1D19	Missense_Mutation	
VSCC10	chr4:72413432-72413432	T	G	*SLC4A4*	NM_003759:exon17:c.T2557G:p.L853V,SLC4A4	Missense_Mutation	
VSCC10	chr4:77662185-77662185	G	A	*SHROOM3*	NM_020859:exon5:c.G2859A:p.A953A	Silent	
VSCC10	chr4:138450923-138450923	G	A	*PCDH18*	NM_001300828:exon1:c.C2320T:p.H774Y,PCDH18	Missense_Mutation	
VSCC10	chr4:186381296-186381296	C	G	*CCDC110*	NM_001145411:exon5:c.G334C:p.D112H,CCDC110	Missense_Mutation	
VSCC10	chr4:186427755-186427755	G	A	*PDLIM3*	NM_001257963:exon3:c.C213T:p.H71H,PDLIM3	Silent	
VSCC10	chr5:21783593-21783593	C	T	*CDH12*	NM_001317227:exon8:c.G1267A:p.D423N,CDH12	Missense_Mutation	
VSCC10	chr5:34937653-34937653	C	T	*DNAJC21*	NM_001012339:exon5:c.C661T:p.R221X,DNAJC21	Nonsense_Mutation	
VSCC10	chr5:45695947-45695947	G	A	*HCN1*	NM_021072:exon1:c.C249T:p.D83D	Silent	
VSCC10	chr5:90073801-90073801	G	A	*ADGRV1*	NM_032119:exon62:c.G12607A:p.E4203K	Missense_Mutation	
VSCC10	chr5:132037846-132037846	C	T	*KIF3A*	NM_007054:exon13:c.G1736A:p.R579Q,KIF3A	Missense_Mutation	

VSCC10	chr5:140595913-140595913	A	G	*PCDHB13*	NM_018933:exon1:c.A2218G:p.S740G	Missense_Mutation	
VSCC10	chr5:140739726-140739726	C	T	*PCDHGB2*	NM_018923:exon1:c.C24T:p.C8C,PCDHGB2	Silent	
VSCC10	chr5:140793096-140793096	G	A	*PCDHGA10*	NM_018913:exon1:c.G354A:p.V118V,PCDHGA10	Silent	
VSCC10	chr5:140870350-140870350	C	T	*PCDHGC5*	NM_018929:exon1:c.C1543T:p.R515W,PCDHGC5	Missense_Mutation	COSM4484300
VSCC10	chr5:150924288-150924288	G	A	*FAT2*	NM_001447:exon9:c.C6400T:p.Q2134X	Nonsense_Mutation	COSM4737109
VSCC10	chr5:150925730-150925730	G	A	*FAT2*	NM_001447:exon9:c.C4958T:p.S1653L	Missense_Mutation	
VSCC10	chr5:156916185-156916185	G	A	*ADAM19*	NM_033274:exon20:c.C2250T:p.F750F	Silent	
VSCC10	chr5:158630528-158630528	G	A	*RNF145*	NM_001199380:exon2:c.C188T:p.S63F,RNF145	Missense_Mutation	
VSCC10	chr5:161113276-161113276	T	G	*GABRA6*	NM_000811:exon2:c.T79G:p.F27V	Missense_Mutation	
VSCC10	chr5:162945299-162945299	G	A	*MAT2B*	NM_013283:exon7:c.G935A:p.R312Q,MAT2B	Missense_Mutation	
VSCC10	chr5:178770786-178770786	G	A	*ADAMTS2*	NM_014244:exon2:c.C516T:p.L172L,ADAMTS2	Silent	
VSCC10	chr6:7605715-7605715	G	A	*SNRNP48*	NM_152551:exon7:c.G802A:p.E268K	Missense_Mutation	
VSCC10	chr6:25495413-25495413	C	G	*LRRC16A*	NM_001173977:exon16:c.C1295G:p.S432X,LRRC16A	Nonsense_Mutation	
VSCC10	chr6:31105904-31105904	T	C	*PSORS1C2*	NM_014069:exon2:c.A235G:p.T79A	Missense_Mutation	COSM5676772
VSCC10	chr6:43139758-43139758	G	A	*SRF*	NM_003131:exon1:c.G364A:p.G122R	Missense_Mutation	
VSCC10	chr6:101095286-101095286	C	T	*ASCC3*	NM_006828:exon21:c.G3294A:p.L1098L	Silent	COSM3998842
VSCC10	chr6:116381157-116381157	A	C	*FRK*	NM_002031:exon1:c.T318G:p.A106A	Silent	
VSCC10	chr6:119345279-119345279	G	A	*FAM184A*	NM_001100411:exon2:c.C499T:p.L167F,FAM184A	Missense_Mutation	

VSCC10	chr6:150710624-150710624	C	T	*IYD*	NM_001164694:exon2:c.C315T:p.F105F,IYD	Silent	
VSCC10	chr7:938885-938885	C	T	*ADAP1*	NM_001284311:exon8:c.G596A:p.R199Q,ADAP1	Missense_Mutation	
VSCC10	chr7:2515570-2515570	C	T	*GRIFIN*	UNKNOWN	unknown	
VSCC10	chr7:5104275-5104275	G	A	*RBAK*	NM_021163:exon5:c.G1188A:p.T396T,RBAK	Silent	
VSCC10	chr7:27135260-27135260	G	A	*HOXA1*	NM_005522:exon1:c.C272T:p.S91F,HOXA1	Missense_Mutation	
VSCC10	chr7:27140580-27140580	G	A	*HOXA2*	NM_006735:exon2:c.C896T:p.S299L	Missense_Mutation	
VSCC10	chr7:30538451-30538451	C	T	*GGCT*	NM_024051:exon3:c.G391A:p.E131K	Missense_Mutation	
VSCC10	chr7:41729682-41729682	C	T	*INHBA*	NM_002192:exon3:c.G847A:p.E283K	Missense_Mutation	COSM5008391
VSCC10	chr7:99956672-99956672	A	T	*PILRB*	NM_178238:exon2:c.A424T:p.I142F	Missense_Mutation	
VSCC10	chr7:100385560-100385560	C	T	*ZAN*	UNKNOWN	unknown	
VSCC10	chr7:100459468-100459468	G	A	*SLC12A9*	NM_001267814:exon10:c.G1379A:p.R460Q,SLC12A9	Missense_Mutation	
VSCC10	chr7:100550827-100550827	T	A	*MUC3A*	NM_005960:exon2:c.T1408A:p.F470I	Missense_Mutation	
VSCC10	chr7:100550990-100550990	C	T	*MUC3A*	NM_005960:exon2:c.C1571T:p.S524L	Missense_Mutation	
VSCC10	chr7:108212353-108212353	G	A	*DNAJB9*	NM_012328:exon2:c.G183A:p.P61P	Silent	
VSCC10	chr7:108524207-108524207	G	C	*C7orf66*	NM_001024607:exon2:c.C205G:p.Q69E	Missense_Mutation	COSM432081
VSCC10	chr7:112579712-112579712	C	G	*C7orf60*	NM_152556:exon1:c.G94C:p.E32Q	Missense_Mutation	
VSCC10	chr7:133682246-133682246	G	A	*EXOC4*	NM_021807:exon15:c.G2208A:p.M736I	Missense_Mutation	
VSCC10	chr7:142561853-142561853	G	A	*EPHB6*	NM_004445:exon4:c.G295A:p.G99R	Missense_Mutation	
VSCC10	chr7:149422484-149422484	C	T	*KRBA1*	UNKNOWN	unknown	
VSCC10	chr7:150878484-150878484	C	T	*ASB10*	NM_001142459:exon3:c.G646A:p.E216K,ASB10	Missense_Mutation	

VSCC10	chr7:150878513-150878513	C	G	*ASB10*	NM_001142459:exon3:c.G617C:p.R206T,ASB10	Missense_Mutation	
VSCC10	chr8:17916919-17916919	C	T	*ASAH1*	NM_001127505:exon12:c.G954A:p.W318X,ASAH1	Nonsense_Mutation	
VSCC10	chr8:38110553-38110553	C	T	*DDHD2*	NM_001164232:exon15:c.C1799T:p.S600F,DDHD2	Missense_Mutation	
VSCC10	chr8:39080727-39080727	G	A	*ADAM32*	NM_001313994:exon11:c.G1198A:p.D400N,ADAM32	Missense_Mutation	
VSCC10	chr8:39466580-39466580	T	G	*ADAM18*	NM_001190956:exon4:c.T208G:p.F70V,ADAM18	Missense_Mutation	
VSCC10	chr8:75929571-75929571	G	A	*CRISPLD1*	NM_001286777:exon8:c.G455A:p.R152K,CRISPLD1	Missense_Mutation	COSM958546
VSCC10	chr8:86050700-86050700	G	A	*LRRCC1*	NM_033402:exon17:c.G2830A:p.E944K	Missense_Mutation	COSM5008394
VSCC10	chr8:95504037-95504037	C	T	*KIAA1429*	NM_015496:exon22:c.G4909A:p.D1637N	Missense_Mutation	COSM1128336
VSCC10	chr8:98943279-98943279	G	A	*MATN2*	NM_002380:exon3:c.G241A:p.V81M,MATN2	Missense_Mutation	
VSCC10	chr8:134025859-134025859	G	T	*TG*	NM_003235:exon37:c.G6412T:p.E2138X	Nonsense_Mutation	
VSCC10	chr8:145623746-145623746	C	G	*CPSF1*	NM_013291:exon19:c.G1840C:p.D614H	Missense_Mutation	
VSCC10	chr9:35704705-35704705	C	T	*TLN1*	NM_006289:exon44:c.G5841A:p.K1947K	Silent	
VSCC10	chr9:35906562-35906562	C	A	*HRCT1*	NM_001039792:exon1:c.C278A:p.P93H	Missense_Mutation	
VSCC10	chr9:85615940-85615940	G	A	*RASEF*	NM_152573:exon10:c.C1308T:p.F436F	Silent	
VSCC10	chr9:86243837-86243837	G	A	*IDNK*	NM_001001551:exon3:c.G131A:p.R44Q	Missense_Mutation	
VSCC10	chr9:86571232-86571232	C	T	*C9orf64*	NM_032307:exon1:c.G184A:p.E62K	Missense_Mutation	COSM4907748
VSCC10	chr9:103348704-103348704	C	G	*MURC*	NM_001018116:exon2:c.C1066G:p.L356V	Missense_Mutation	
VSCC10	chr9:114180285-114180285	G	A	*KIAA0368*	NM_001080398:exon18:c.C2095T:p.R699C	Missense_Mutation	COSM148366

VSCC10	chr9:124079421-124079421	G	A	*GSN*	NM_000177:exon7:c.G964A:p.A322T,GSN	Missense_Mutation	
VSCC10	chr9:131186871-131186871	C	T	*CERCAM*	NM_001286760:exon5:c.C510T:p.F170F,CERCAM	Silent	COSM4416695
VSCC10	chr9:138713971-138713971	C	T	*CAMSAP1*	NM_015447:exon11:c.G2536A:p.E846K	Missense_Mutation	
VSCC10	chr10:1279651-1279651	C	T	*ADARB2*	NM_018702:exon6:c.G1498A:p.E500K	Missense_Mutation	COSM5734851
VSCC10	chr10:17632368-17632368	C	G	*HACD1*	NM_014241:exon7:c.G862C:p.D288H	Missense_Mutation	COSM3887635
VSCC10	chr10:22615385-22615385	C	G	*BMI1,COMMD3-BMI1*	NM_005180:exon2:c.C7G:p.R3G,COMMD3-BMI1	Missense_Mutation	
VSCC10	chr10:61846511-61846511	C	T	*ANK3*	NM_001149:exon8:c.G1074A:p.P358P,ANK3	Silent	
VSCC10	chr10:83635818-83635818	C	T	*NRG3*	NM_001010848:exon1:c.C722T:p.S241F,NRG3	Missense_Mutation	
VSCC10	chr10:104183868-104183868	G	A	*CUEDC2*	NM_024040:exon6:c.C479T:p.S160L	Missense_Mutation	
VSCC10	chr10:118396354-118396354	A	C	*PNLIPRP2*	UNKNOWN	unknown	
VSCC10	chr10:134682855-134682855	C	T	*CFAP46*	NM_001200049:exon33:c.G4533A:p.E1511E	Silent	
VSCC10	chr10:135000170-135000170	G	A	*KNDC1*	NM_152643:exon6:c.G1318A:p.A440T	Missense_Mutation	COSM5493392
VSCC10	chr11:4673799-4673799	T	G	*OR51E1*	NM_152430:exon2:c.T43G:p.F15V	Missense_Mutation	
VSCC10	chr11:5020365-5020365	T	C	*OR51L1*	NM_001004755:exon1:c.T153C:p.I51I	Silent	
VSCC10	chr11:6644242-6644242	G	A	*DCHS1*	NM_003737:exon21:c.C8665T:p.R2889W	Missense_Mutation	
VSCC10	chr11:7846715-7846715	C	T	*OR5P3*	NM_153445:exon1:c.G805A:p.D269N	Missense_Mutation	
VSCC10	chr11:26681838-26681838	C	T	*ANO3*	NM_001313727:exon24:c.C2355T:p.I785I,ANO3	Silent	
VSCC10	chr11:43513630-43513630	G	A	*TTC17*	NM_018259:exon23:c.G3211A:p.V1071I	Missense_Mutation	COSM3512689
VSCC10	chr11:46406951-46406951	C	T	*CHRM4*	NM_000741:exon1:c.G1157A:p.R386H	Missense_Mutation	

VSCC10	chr11:46726515-46726515	G	A	*ZNF408*	NM_001184751:exon5:c.G1241A:p.R414Q,ZNF408	Missense_Mutation	
VSCC10	chr11:55433271-55433271	T	G	*OR4C6*	NM_001004704:exon1:c.T629G:p.L210R	Missense_Mutation	
VSCC10	chr11:57505867-57505867	G	C	*TMX2*	NM_001144012:exon3:c.G292C:p.E98Q,TMX2	Missense_Mutation	COSM4871011
VSCC10	chr11:59368328-59368328	G	A	*OSBP*	NM_002556:exon6:c.C1143T:p.I381I	Silent	
VSCC10	chr11:64074912-64074912	C	T	*ESRRA*	NM_001282450:exon2:c.C261T:p.S87S,ESRRA	Silent	
VSCC10	chr11:67201476-67201476	G	A	*RPS6KB2*	NM_003952:exon11:c.G917A:p.R306Q	Missense_Mutation	COSM5953790
VSCC10	chr11:71942606-71942606	G	A	*INPPL1*	NM_001567:exon13:c.G1562A:p.R521H	Missense_Mutation	
VSCC10	chr11:103270525-103270525	C	T	*DYNC2H1*	NM_001377:exon84:c.C12291T:p.L4097L,DYNC2H1	Silent	
VSCC10	chr12:52886911-52886911	T	C	*KRT6A*	NM_005554:exon1:c.A62G:p.N21S	Missense_Mutation	
VSCC10	chr12:55688401-55688401	C	T	*OR6C6*	NM_001005493:exon1:c.G616A:p.V206M	Missense_Mutation	
VSCC10	chr12:80771705-80771705	C	A	*OTOGL*	NM_173591:exon58:c.C6912A:p.F2304L	Missense_Mutation	COSM3757859
VSCC10	chr12:112670876-112670876	G	A	*HECTD4*	NM_001109662:exon38:c.C5527T:p.R1843W	Missense_Mutation	COSM1129389
VSCC10	chr12:117672466-117672466	C	T	*NOS1*	NM_001204213:exon20:c.G2131A:p.D711N,NOS1	Missense_Mutation	COSM4066073
VSCC10	chr12:120796816-120796816	C	T	*MSI1*	NM_002442:exon7:c.G443A:p.R148Q	Missense_Mutation	COSM3517247
VSCC10	chr12:122716811-122716811	C	T	*VPS33A*	NM_022916:exon13:c.G1773A:p.L591L	Silent	
VSCC10	chr12:123285796-123285796	C	T	*CCDC62*	NM_201435:exon9:c.C1103T:p.S368L	Missense_Mutation	COSM5448982
VSCC10	chr13:20220615-20220615	G	A	*MPHOSPH8*	NM_017520:exon3:c.G402A:p.A134A	Silent	
VSCC10	chr13:28366975-28366975	C	T	*GSX1*	NM_145657:exon1:c.C148T:p.R50C	Missense_Mutation	

VSCC10	chr13:31205486-31205486	C	T	*USPL1*	NM_005800:exon4:c.C743T:p.S248L	Missense_Mutation	
VSCC10	chr13:45147491-45147491	C	G	*TSC22D1*	NM_183422:exon1:c.G2720C:p.G907A	Missense_Mutation	
VSCC10	chr13:46559752-46559752	C	T	*ZC3H13*	NM_015070:exon10:c.G1400A:p.R467Q	Missense_Mutation	
VSCC10	chr13:58240881-58240881	C	T	*PCDH17*	NM_001040429:exon3:c.C2711T:p.T904I	Missense_Mutation	
VSCC10	chr13:103701763-103701763	C	T	*SLC10A2*	NM_000452:exon5:c.G795A:p.Q265Q	Silent	
VSCC10	chr13:109535450-109535450	C	T	*MYO16*	NM_001198950:exon13:c.C1469T:p.S490L,MYO16	Missense_Mutation	
VSCC10	chr13:111287048-111287048	G	A	*CARKD*	NM_001242883:exon4:c.G246A:p.P82P,CARKD	Silent	
VSCC10	chr14:24787936-24787936	G	A	*ADCY4*	NM_001198568:exon24:c.C3005T:p.P1002L,ADCY4	Missense_Mutation	
VSCC10	chr14:55468813-55468813	G	A	*WDHD1*	NM_001008396:exon7:c.C322T:p.Q108X,WDHD1	Nonsense_Mutation	
VSCC10	chr14:60213086-60213086	C	T	*RTN1*	NM_021136:exon2:c.G355A:p.D119N	Missense_Mutation	
VSCC10	chr14:60213087-60213087	C	T	*RTN1*	NM_021136:exon2:c.G354A:p.E118E	Silent	
VSCC10	chr14:63246455-63246455	C	T	*KCNH5*	NM_139318:exon10:c.G2010A:p.L670L	Silent	
VSCC10	chr14:65239387-65239387	C	T	*SPTB*	NM_000347:exon25:c.G5464A:p.E1822K,SPTB	Missense_Mutation	COSM245619
VSCC10	chr14:70924551-70924551	A	G	*ADAM21*	NM_003813:exon2:c.A335G:p.H112R	Missense_Mutation	
VSCC10	chr14:86089542-86089542	T	C	*FLRT2*	NM_013231:exon2:c.T1684C:p.F562L	Missense_Mutation	
VSCC10	chr14:89171223-89171223	G	A	*EML5*	NM_183387:exon13:c.C2032T:p.R678X	Nonsense_Mutation	COSM3530413
VSCC10	chr14:100728720-100728720	A	G	*YY1*	NM_003403:exon2:c.A759G:p.E253E	Silent	
VSCC10	chr14:100728769-100728769	C	A	*YY1*	NM_003403:exon2:c.C808A:p.L270I	Missense_Mutation	COSM4975827

VSCC10	chr14:100728770-100728770	T	G	*YY1*	NM_003403:exon2:c.T809G:p.L270R	Missense_Mutation	COSM997272
VSCC10	chr14:102028445-102028445	C	T	*DIO3*	UNKNOWN	unknown	
VSCC10	chr14:103395538-103395538	G	A	*AMN*	NM_030943:exon6:c.G594A:p.L198L	Silent	
VSCC10	chr14:105406145-105406145	C	T	*AHNAK2*	NM_138420:exon7:c.G15643A:p.V5215M	Missense_Mutation	
VSCC10	chr14:105858975-105858975	C	T	*PACS2*	NM_001243127:exon22:c.C2005T:p.L669L,PACS2	Silent	
VSCC10	chr15:24923500-24923500	C	T	*NPAP1*	NM_018958:exon1:c.C2486T:p.P829L	Missense_Mutation	
VSCC10	chr15:28369270-28369270	G	A	*HERC2*	NM_004667:exon85:c.C13101T:p.F4367F	Silent	
VSCC10	chr15:34395480-34395480	G	A	*PGBD4*	NM_152595:exon1:c.G748A:p.D250N	Missense_Mutation	COSM1002538
VSCC10	chr15:42977676-42977676	G	A	*STARD9*	NM_020759:exon23:c.G3900A:p.Q1300Q	Silent	
VSCC10	chr15:45059562-45059562	G	C	*TRIM69*	NM_001301146:exon5:c.G384C:p.V128V,TRIM69	Silent	COSM3972432
VSCC10	chr15:72143652-72143652	C	G	*MYO9A*	NM_006901:exon37:c.G6523C:p.D2175H	Missense_Mutation	
VSCC10	chr15:84690343-84690343	G	A	*ADAMTSL3*	NM_001301110:exon26:c.G4455A:p.A1485A,ADAMTSL3	Silent	
VSCC10	chr15:86124199-86124199	C	T	*AKAP13*	NM_006738:exon7:c.C2900T:p.S967L,AKAP13	Missense_Mutation	
VSCC10	chr15:86261282-86261282	G	A	*AKAP13*	NM_001270546:exon14:c.G1756A:p.E586K,AKAP13	Missense_Mutation	
VSCC10	chr15:93015381-93015381	G	A	*C15orf32*	NM_001301106:exon1:c.G3A:p.M1I,C15orf32	Missense_Mutation	
VSCC10	chr16:839665-839665	G	A	*CHTF18*	NM_022092:exon4:c.G556A:p.V186I	Missense_Mutation	
VSCC10	chr16:7721572-7721572	G	C	*RBFOX1*	NM_145891:exon10:c.G964C:p.E322Q,RBFOX1	Missense_Mutation	
VSCC10	chr16:10864146-10864146	C	G	*TVP23A*	NM_001079512:exon7:c.G625C:p.E209Q	Missense_Mutation	COSM1246153
VSCC10	chr16:19718443-19718443	G	A	*KNOP1*	NM_001012991:exon5:c.C1166T:p.S389L	Missense_Mutation	

VSCC10	chr16:56904076-56904076	G	T	*SLC12A3*	NM_000339:exon5:c.G670T:p.A224S,SLC12A3	Missense_Mutation	
VSCC10	chr16:66643809-66643809	C	T	*CMTM3*	NM_181553:exon4:c.C423T:p.I141I,CMTM3	Silent	
VSCC10	chr16:68598462-68598462	G	A	*ZFP90*	NM_001305203:exon5:c.G1772A:p.R591Q,ZFP90	Missense_Mutation	COSM5519797
VSCC10	chr16:68893864-68893864	G	T	*TANGO6*	NM_024562:exon2:c.G172T:p.E58X	Nonsense_Mutation	COSM1033448
VSCC10	chr16:81253837-81253837	G	A	*PKD1L2*	NM_001076780:exon1:c.C139T:p.R47C	Missense_Mutation	COSM268520
VSCC10	chr16:81712087-81712087	G	A	*CMIP*	NM_030629:exon10:c.G960A:p.P320P,CMIP	Silent	COSM1034584
VSCC10	chr17:2601656-2601656	C	T	*CLUH*	NM_015229:exon10:c.G1381A:p.A461T	Missense_Mutation	
VSCC10	chr17:3635727-3635727	G	A	*ITGAE*	NM_002208:exon22:c.C2689T:p.Q897X	Nonsense_Mutation	
VSCC10	chr17:4098277-4098277	C	T	*ANKFY1*	NM_001257999:exon10:c.G1494A:p.A498A,ANKFY1	Silent	
VSCC10	chr17:7405903-7405903	G	A	*POLR2A*	NM_000937:exon16:c.G2639A:p.R880Q	Missense_Mutation	
VSCC10	chr17:7801373-7801373	G	A	*CHD3*	NM_001005271:exon12:c.G2181A:p.M727I,CHD3	Missense_Mutation	
VSCC10	chr17:10304905-10304905	C	G	*MYH8*	NM_002472:exon23:c.G2886C:p.L962L	Silent	
VSCC10	chr17:10316014-10316014	C	G	*MYH8*	NM_002472:exon13:c.G1179C:p.L393L	Silent	
VSCC10	chr17:17394792-17394792	G	A	*MED9*	NM_018019:exon2:c.G424A:p.E142K	Missense_Mutation	
VSCC10	chr17:21081597-21081597	G	A	*DHRS7B*	NM_015510:exon3:c.G251A:p.R84Q	Missense_Mutation	
VSCC10	chr17:27371970-27371970	G	A	*PIPOX*	NM_016518:exon2:c.G208A:p.E70K	Missense_Mutation	
VSCC10	chr17:38176148-38176148	G	A	*MED24*	NM_001079518:exon24:c.C2704T:p.R902C,MED24	Missense_Mutation	COSM5003252
VSCC10	chr17:39296563-39296563	G	A	*KRTAP4-6*	NM_030976:exon1:c.C177T:p.T59T	Silent	

VSCC10	chr17:40665987-40665987	G	A	*ATP6V0A1*	NM_001130020:exon19:c.G2242A:p.A748T,ATP6V0A1	Missense_Mutation	
VSCC10	chr17:40689506-40689506	G	A	*NAGLU*	NM_000263:exon2:c.G474A:p.A158A	Silent	
VSCC10	chr17:66397558-66397558	C	T	*ARSG*	NM_001267727:exon11:c.C1270T:p.R424C,ARSG	Missense_Mutation	
VSCC10	chr17:79139763-79139763	G	A	*AATK*	NM_001080395:exon1:c.C30T:p.F10F	Silent	COSM94440
VSCC10	chr17:80016084-80016084	C	T	*DUS1L*	NM_022156:exon14:c.G1329A:p.W443X	Nonsense_Mutation	
VSCC10	chr18:7023266-7023266	G	A	*LAMA1*	NM_005559:exon19:c.C2598T:p.V866V	Silent	
VSCC10	chr18:29444631-29444631	G	A	*TRAPPC8*	NM_014939:exon19:c.C2704T:p.R902C	Missense_Mutation	
VSCC10	chr18:31324450-31324450	A	T	*ASXL3*	NM_030632:exon12:c.A4638T:p.K1546N	Missense_Mutation	
VSCC10	chr18:32335980-32335980	G	A	*DTNA*	NM_001390:exon1:c.G40A:p.E14K,DTNA	Missense_Mutation	
VSCC10	chr18:40851779-40851779	C	T	*SYT4*	NM_020783:exon3:c.G868A:p.E290K	Missense_Mutation	
VSCC10	chr18:65179181-65179181	C	T	*DSEL*	NM_032160:exon2:c.G2695A:p.D899N	Missense_Mutation	
VSCC10	chr19:1122731-1122731	G	A	*SBNO2*	NM_001100122:exon6:c.C669T:p.A223A,SBNO2	Silent	
VSCC10	chr19:4950771-4950771	G	A	*UHRF1*	UNKNOWN	unknown	
VSCC10	chr19:5687962-5687962	G	T	*HSD11B1L*	NM_001267870:exon5:c.G532T:p.G178W,HSD11B1L	Missense_Mutation	
VSCC10	chr19:5892991-5892991	C	T	*NDUFA11*	NM_001193375:exon4:c.G624A:p.L208L	Silent	
VSCC10	chr19:7593570-7593570	G	A	*MCOLN1*	NM_020533:exon8:c.G965A:p.R322Q	Missense_Mutation	
VSCC10	chr19:9056399-9056399	A	T	*MUC16*	NM_024690:exon3:c.T31047A:p.H10349Q	Missense_Mutation	
VSCC10	chr19:9065350-9065350	C	G	*MUC16*	NM_024690:exon3:c.G22096C:p.E7366Q	Missense_Mutation	
VSCC10	chr19:17720841-17720841	G	A	*UNC13A*	NM_001080421:exon41:c.C4719T:p.I1573I	Silent	

VSCC10	chr19:37904945-37904945	C	G	*ZNF569*	NM_152484:exon6:c.G615C:p.L205L	Silent	
VSCC10	chr19:38380728-38380728	G	C	*WDR87*	NM_001291088:exon6:c.C3583G:p.Q1195E,WDR87	Missense_Mutation	COSM1020680
VSCC10	chr19:42736683-42736683	C	T	*GSK3A*	NM_019884:exon9:c.G1250A:p.R417H	Missense_Mutation	COSM1221158
VSCC10	chr19:45917282-45917282	C	T	*ERCC1*	NM_202001:exon7:c.G713A:p.C238Y,ERCC1	Missense_Mutation	
VSCC10	chr19:47425385-47425385	C	T	*ARHGAP35*	NM_004491:exon1:c.C3453T:p.I1151I	Silent	
VSCC10	chr19:50156060-50156060	C	T	*SCAF1*	NM_021228:exon7:c.C2414T:p.S805L	Missense_Mutation	
VSCC10	chr19:52380551-52380551	G	A	*ZNF577*	NM_001135590:exon6:c.C267T:p.H89H,ZNF577	Silent	
VSCC10	chr19:55543624-55543624	G	C	*GP6*	NM_001083899:exon3:c.C208G:p.Q70E,GP6	Missense_Mutation	
VSCC10	chr19:58384891-58384891	G	A	*ZNF814*	NM_001144989:exon3:c.C1867T:p.Q623X	Nonsense_Mutation	
VSCC10	chr19:58438212-58438212	C	T	*ZNF418*	NM_001317030:exon2:c.G1082A:p.R361Q,ZNF418	Missense_Mutation	COSM5523304
VSCC10	chr20:644648-644648	G	C	*SCRT2*	NM_033129:exon2:c.C591G:p.S197S	Silent	COSM2713307
VSCC10	chr20:1426390-1426390	C	T	*NSFL1C*	NM_018839:exon7:c.G778A:p.E260K,NSFL1C	Missense_Mutation	
VSCC10	chr20:3528080-3528080	G	A	*ATRN*	NM_001207047:exon5:c.G539A:p.R180Q,ATRN	Missense_Mutation	
VSCC10	chr20:3765382-3765382	C	T	*CENPB*	NM_001810:exon1:c.G1749A:p.R583R	Silent	
VSCC10	chr20:4837651-4837651	C	T	*SLC23A2*	NM_005116:exon17:c.G1920A:p.R640R,SLC23A2	Silent	
VSCC10	chr20:5943961-5943961	C	T	*MCM8*	NM_001281520:exon8:c.C831T:p.L277L,MCM8	Silent	
VSCC10	chr20:35675512-35675512	G	A	*RBL1*	NM_002895:exon12:c.C1549T:p.R517C,RBL1	Missense_Mutation	COSM149404
VSCC10	chr20:40085915-40085915	C	T	*CHD6*	NM_032221:exon18:c.G2818A:p.G940S	Missense_Mutation	

VSCC10	chr20:50769896-50769896	G	A	*ZFP64*	NM_022088:exon5:c.C673T:p.R225W,ZFP64	Missense_Mutation	
VSCC10	chr20:55777667-55777667	G	A	*BMP7*	NM_001719:exon3:c.C624T:p.L208L	Silent	
VSCC10	chr21:33044551-33044551	G	A	*SCAF4*	NM_001145444:exon19:c.C2560T:p.H854Y,SCAF4	Missense_Mutation	COSM3588060
VSCC10	chr21:42780033-42780033	G	A	*MX2*	NM_002463:exon14:c.G2021A:p.R674H	Missense_Mutation	
VSCC10	chr22:24717609-24717609	G	A	*SPECC1L*	NM_001145468:exon4:c.G661A:p.E221K,SPECC1L	Missense_Mutation	
VSCC10	chr22:30415695-30415695	G	A	*MTMR3*	NM_021090:exon17:c.G2047A:p.G683R,MTMR3	Missense_Mutation	
VSCC10	chr22:31741246-31741246	C	A	*PATZ1*	NM_014323:exon1:c.G343T:p.G115W,PATZ1	Missense_Mutation	
VSCC10	chr22:41605742-41605742	G	A	*L3MBTL2*	NM_031488:exon2:c.G67A:p.D23N	Missense_Mutation	
VSCC10	chrX:12938669-12938669	C	T	*TLR8*	NM_138636:exon2:c.C1510T:p.L504F,TLR8	Missense_Mutation	
VSCC10	chrX:38144875-38144875	G	C	*RPGR*	NM_001034853:exon15:c.C3377G:p.S1126X	Nonsense_Mutation	
VSCC10	chrX:54841140-54841140	G	A	*MAGED2*	NM_014599:exon11:c.G1318A:p.E440K,MAGED2	Missense_Mutation	
VSCC10	chrX:70389678-70389678	G	A	*NLGN3*	NM_001166660:exon6:c.G2158A:p.E720K,NLGN3	Missense_Mutation	COSM3609121
VSCC10	chrX:86067981-86067981	G	A	*DACH2*	NM_001139514:exon7:c.G1324A:p.V442M,DACH2	Missense_Mutation	COSM82375
VSCC10	chrX:100745816-100745816	C	G	*ARMCX4*	NM_001256155:exon2:c.C2240G:p.S747C	Missense_Mutation	
VSCC10	chrX:107976250-107976250	C	T	*IRS4*	NM_003604:exon1:c.G3325A:p.E1109K	Missense_Mutation	
VSCC10	chrX:117033290-117033290	G	C	*KLHL13*	NM_001168300:exon7:c.C1531G:p.Q511E,KLHL13	Missense_Mutation	
VSCC10	chrX:124455376-124455376	G	C	*LOC100129520*	NM_001195272:exon1:c.G1408C:p.A470P	Missense_Mutation	
VSCC10	chrX:135618241-135618241	C	T	*VGLL1*	NM_016267:exon2:c.C62T:p.T21M	Missense_Mutation	COSM303092

VSCC10	chrX:153070580-153070580	C	T	*PDZD4*	NM_001303514:exon5:c.G407A:p.R136H,PDZD4	Missense_Mutation		
VSCC10	chrX:153607914-153607914	G	A	*EMD*	NM_000117:exon1:c.G70A:p.G24R	Missense_Mutation		
VSCC10	chr17:34144733-34144733	C	T	*TAF15*	NM_003487:exon2:c.C21T:p.Y7Y,TAF15	Silent	*TAF15*	COSM4839090
VSCC10	chr7:98552761-98552761	G	A	*TRRAP*	NM_003496:exon39:c.G5696A:p.R1899Q,TRRAP	Missense_Mutation	*TRRAP*	
VSCC10	chr8:38139026-38139026	C	T	*WHSC1L1*	NM_023034:exon20:c.G3577A:p.E1193K	Missense_Mutation	*WHSC1L1*	
VSCC10	chr16:72993621-72993621	A	T	*ZFHX3*	NM_006885:exon2:c.T424A:p.Y142N	Missense_Mutation	*ZFHX3*	
VSCC10	chr17:38859766-38859766	A	-	*KRT24*	NM_019016:exon1:c.180delT:p.F60fs	Frame_Shift_Del		COSM3630418
VSCC11	chr5:112102982-112102982	G	A	*APC*	NM_001127511:exon3:c.G347A:p.R116H,APC	Missense_Mutation	*APC*	COSM5965768
VSCC11	chr11:44146343-44146343	C	T	*EXT2*	NM_000401:exon5:c.C847T:p.R283W,EXT2	Missense_Mutation	*EXT2*	
VSCC11	chr7:50444412-50444412	C	T	*IKZF1*	NM_001220768:exon3:c.C342T:p.N114N,IKZF1	Silent	*IKZF1*	
VSCC11	chr10:76788989-76788989	G	A	*KAT6B*	NM_001256468:exon18:c.G3858A:p.S1286S,KAT6B	Silent	*KAT6B*	
VSCC11	chr1:43806123-43806123	G	T	*MPL*	NM_005373:exon6:c.G919T:p.D307Y	Missense_Mutation	*MPL*	
VSCC11	chr15:88669589-88669589	C	A	*NTRK3*	NM_001243101:exon12:c.G1285T:p.G429X,NTRK3	Nonsense_Mutation	*NTRK3*	
VSCC11	chr12:70949923-70949923	C	T	*PTPRB*	NM_001206971:exon16:c.G3796A:p.D1266N,PTPRB	Missense_Mutation	*PTPRB*	COSM4172432
VSCC11	chr1:1356367-1356367	C	T	*ANKRD65*	NM_001145210:exon2:c.G19A:p.E7K,ANKRD65	Missense_Mutation		
VSCC11	chr1:12067157-12067157	C	G	*MFN2*	NM_001127660:exon16:c.C1920G:p.L640L,MFN2	Silent		COSM3879226
VSCC11	chr1:27432505-27432505	G	A	*SLC9A1*	NM_003047:exon5:c.C1356T:p.I452I	Silent		
VSCC11	chr1:32797282-32797282	G	A	*HDAC1*	NM_004964:exon11:c.G1094A:p.R365Q	Missense_Mutation		

VSCC11	chr1:36226743-36226743	G	A	*CLSPN*	NM_001190481:exon7:c.C958T:p.R320C,CLSPN	Missense_Mutation	
VSCC11	chr1:53980393-53980393	C	T	*GLIS1*	NM_147193:exon7:c.G1263A:p.A421A	Silent	COSM5874027
VSCC11	chr1:90493240-90493240	G	A	*ZNF326*	NM_182976:exon12:c.G1729A:p.E577K	Missense_Mutation	
VSCC11	chr1:120342421-120342421	C	T	*REG4*	NM_032044:exon4:c.G230A:p.S77N,REG4	Missense_Mutation	
VSCC11	chr1:154519899-154519899	T	C	*TDRD10*	NM_001098475:exon12:c.T967C:p.Y323H,TDRD10	Missense_Mutation	
VSCC11	chr1:162351788-162351788	C	G	*C1orf226*	NM_001085375:exon1:c.C97G:p.L33V,C1orf226	Missense_Mutation	
VSCC11	chr1:169511021-169511021	T	C	*F5*	NM_000130:exon13:c.A3307G:p.N1103D	Missense_Mutation	
VSCC11	chr1:201166406-201166406	G	A	*IGFN1*	NM_001164586:exon5:c.G328A:p.G110R	Missense_Mutation	
VSCC11	chr1:225231595-225231595	G	A	*DNAH14*	NM_001373:exon15:c.G1822A:p.E608K	Missense_Mutation	
VSCC11	chr1:228210567-228210567	G	A	*WNT3A*	NM_033131:exon2:c.G271A:p.V91I	Missense_Mutation	
VSCC11	chr1:228464337-228464337	C	T	*OBSCN*	NM_001098623:exon22:c.C6407T:p.S2136L,OBSCN	Missense_Mutation	
VSCC11	chr1:234565006-234565006	G	C	*TARBP1*	NM_005646:exon17:c.C2936G:p.S979C	Missense_Mutation	COSM5550349
VSCC11	chr1:235897804-235897804	G	A	*LYST*	NM_000081:exon32:c.C8514T:p.D2838D,LYST	Silent	
VSCC11	chr2:29274645-29274645	C	T	*FAM179A*	NM_199280:exon20:c.C2746T:p.R916W	Missense_Mutation	
VSCC11	chr2:29404501-29404501	C	T	*CLIP4*	NM_001287527:exon16:c.C1860T:p.S620S,CLIP4	Silent	
VSCC11	chr2:37319178-37319178	C	T	*GPATCH11*	NM_001278505:exon3:c.C127T:p.R43X,GPATCH11	Nonsense_Mutation	
VSCC11	chr2:43953531-43953531	G	A	*PLEKHH2*	NM_172069:exon17:c.G2662A:p.V888I	Missense_Mutation	
VSCC11	chr2:43984289-43984289	C	T	*PLEKHH2*	NM_172069:exon26:c.C3827T:p.S1276L	Missense_Mutation	

VSCC11	chr2:44993671-44993671	G	C	*CAMKMT*	NM_024766:exon10:c.G865C:p.D289H	Missense_Mutation	
VSCC11	chr2:50723194-50723194	G	T	*NRXN1*	NM_004801:exon15:c.C2919A:p.N973K,NRXN1	Missense_Mutation	
VSCC11	chr2:61389638-61389638	C	G	*C2orf74*	NM_001143959:exon1:c.C10G:p.L4V	Missense_Mutation	
VSCC11	chr2:64147042-64147042	A	G	*VPS54*	NM_001005739:exon15:c.T2103C:p.I701I,VPS54	Silent	
VSCC11	chr2:153575151-153575151	G	A	*ARL6IP6*	NM_152522:exon1:c.G13A:p.E5K	Missense_Mutation	
VSCC11	chr2:206605358-206605358	G	A	*NRP2*	NM_003872:exon8:c.G1262A:p.R421Q,NRP2	Missense_Mutation	
VSCC11	chr2:206608157-206608157	G	A	*NRP2*	NM_003872:exon9:c.G1522A:p.G508R,NRP2	Missense_Mutation	COSM1298268
VSCC11	chr2:219320347-219320347	C	T	*USP37*	NM_020935:exon25:c.G2808A:p.Q936Q	Silent	COSM5753747
VSCC11	chr3:14746106-14746106	G	T	*C3orf20*	NM_001184957:exon7:c.G775T:p.D259Y,C3orf20	Missense_Mutation	
VSCC11	chr3:50329883-50329883	C	T	*IFRD2*	NM_006764:exon1:c.G15A:p.S5S	Silent	
VSCC11	chr3:51454273-51454273	G	A	*VPRBP*	NM_001171904:exon16:c.C3409T:p.R1137W,VPRBP	Missense_Mutation	COSM232902
VSCC11	chr3:52473762-52473762	G	A	*SEMA3G*	NM_020163:exon12:c.C1401T:p.I467I	Silent	
VSCC11	chr3:53899178-53899178	T	C	*IL17RB*	NM_018725:exon11:c.T1352C:p.I451T	Missense_Mutation	
VSCC11	chr3:97594039-97594039	C	G	*CRYBG3*	NM_153605:exon4:c.C4001G:p.S1334C	Missense_Mutation	
VSCC11	chr3:132068786-132068786	C	G	*ACPP*	NM_001292037:exon7:c.C705G:p.L235L,ACPP	Silent	
VSCC11	chr3:134270780-134270780	C	T	*CEP63*	NM_001042383:exon11:c.C1255T:p.Q419X,CEP63	Nonsense_Mutation	
VSCC11	chr3:138762818-138762818	G	A	*PRR23C*	NM_001134657:exon1:c.C645T:p.F215F	Silent	
VSCC11	chr3:186522458-186522458	C	T	*RFC4*	NM_002916:exon2:c.G45A:p.P15P,RFC4	Silent	

VSCC11	chr4:1349013-1349013	G	C	*UVSSA*	NM_020894:exon7:c.G1156C:p.E386Q	Missense_Mutation		
VSCC11	chr4:2958458-2958458	G	A	*NOP14*	NM_001291978:exon3:c.C411T:p.I137I,NOP14	Silent		
VSCC11	chr4:107956643-107956643	T	C	*DKK2*	NM_014421:exon1:c.A106G:p.N36D	Missense_Mutation		COSM5639651
VSCC11	chr4:123664853-123664853	C	G	*BBS12*	NM_152618:exon2:c.C1806G:p.L602L,BBS12	Silent		
VSCC11	chr4:134072328-134072328	C	G	*PCDH10*	NM_020815:exon1:c.C1033G:p.L345V,PCDH10	Missense_Mutation		COSM3459227
VSCC11	chr4:141311807-141311807	G	C	*CLGN*	NM_004362:exon14:c.C1727G:p.S576X,CLGN	Nonsense_Mutation		COSM3954645
VSCC11	chr4:183601020-183601020	A	G	*TENM3*	NM_001080477:exon8:c.A1528G:p.I510V	Missense_Mutation		
VSCC11	chr5:13845060-13845060	G	A	*DNAH5*	NM_001369:exon32:c.C5157T:p.F1719F	Silent		
VSCC11	chr19:11113731-11113731	C	T	*SMARCA4*	NM_001128845:exon11:c.C1839T:p.S613S,SMARCA4	Silent	*SMARCA4*	
VSCC11	chr5:126738250-126738250	G	T	*MEGF10*	NM_001256545:exon8:c.G793T:p.G265C,MEGF10	Missense_Mutation		
VSCC11	chr5:136314363-136314363	C	A	*SPOCK1*	NM_004598:exon11:c.G1300T:p.E434X	Nonsense_Mutation		
VSCC11	chr5:140183167-140183167	C	T	*PCDHA3*	NM_018906:exon1:c.C2385T:p.L795L,PCDHA3	Silent		COSM4074286
VSCC11	chr5:140961900-140961900	C	G	*DIAPH1*	NM_001079812:exon6:c.G636C:p.L212F,DIAPH1	Missense_Mutation		
VSCC11	chr5:145631291-145631291	C	T	*RBM27*	NM_018989:exon9:c.C1297T:p.R433C	Missense_Mutation		
VSCC11	chr5:154271090-154271090	C	T	*GEMIN5*	NM_001252156:exon26:c.G3970A:p.E1324K,GEMIN5	Missense_Mutation		COSM4951599
VSCC11	chr5:174919247-174919247	G	A	*SFXN1*	NM_022754:exon2:c.G141A:p.A47A	Silent		
VSCC11	chr5:178043942-178043942	G	A	*CLK4*	NM_020666:exon5:c.C483T:p.I161I	Silent		
VSCC11	chr6:4031875-4031875	C	T	*PRPF4B*	NM_003913:exon2:c.C124T:p.R42C	Missense_Mutation		COSM947744

VSCC11	chr6:20846393-20846393	C	A	*CDKAL1*	NM_017774:exon9:c.C726A:p.A242A	Silent	
VSCC11	chr6:41060762-41060762	C	G	*NFYA*	NM_021705:exon7:c.C739G:p.L247V,NFYA	Missense_Mutation	
VSCC11	chr6:88757815-88757815	G	A	*SPACA1*	NM_030960:exon1:c.G192A:p.P64P	Silent	COSM191075
VSCC11	chr6:111136279-111136279	C	G	*CDK19*	NM_001300960:exon1:c.G61C:p.E21Q,CDK19	Missense_Mutation	
VSCC11	chr7:5360766-5360766	G	A	*TNRC18*	NM_001080495:exon22:c.C6498T:p.L2166L	Silent	
VSCC11	chr7:56148914-56148914	C	T	*PHKG1*	NM_001258460:exon10:c.G970A:p.V324I,PHKG1	Missense_Mutation	
VSCC11	chr7:73010574-73010574	G	A	*MLXIPL*	NM_032951:exon13:c.C1967T:p.S656F,MLXIPL	Missense_Mutation	
VSCC11	chr7:99474543-99474543	C	T	*OR2AE1*	NM_001005276:exon1:c.G114A:p.A38A	Silent	
VSCC11	chr7:100414857-100414857	G	A	*EPHB4*	NM_004444:exon8:c.C1545T:p.Y515Y	Silent	
VSCC11	chr7:146818078-146818078	C	G	*CNTNAP2*	NM_014141:exon6:c.C762G:p.N254K	Missense_Mutation	COSM1240731
VSCC11	chr7:149559477-149559477	G	A	*ZNF862*	NM_001099220:exon7:c.G3228A:p.T1076T	Silent	
VSCC11	chr8:2954441-2954441	G	T	*CSMD1*	NM_033225:exon47:c.C7068A:p.N2356K	Missense_Mutation	COSM4602308
VSCC11	chr8:21891670-21891670	G	A	*NPM2*	NM_182795:exon6:c.G415A:p.E139K,NPM2	Missense_Mutation	
VSCC11	chr8:38965302-38965302	G	A	*ADAM32*	NM_001313994:exon1:c.G109A:p.A37T,ADAM32	Missense_Mutation	
VSCC11	chr8:144407583-144407583	C	T	*TOP1MT*	NM_001258447:exon5:c.G310A:p.D104N,TOP1MT	Missense_Mutation	COSM4418966
VSCC11	chr8:145730706-145730706	C	G	*GPT*	NM_005309:exon5:c.C573G:p.L191L	Silent	COSM4407268
VSCC11	chr9:13176383-13176383	C	T	*MPDZ*	NM_001261406:exon20:c.G2683A:p.D895N,MPDZ	Missense_Mutation	
VSCC11	chr9:74674186-74674186	C	T	*C9orf57*	NM_001128618:exon2:c.G128A:p.R43H	Missense_Mutation	

VSCC11	chr9:90321998-90321998	G	A	*DAPK1*	NM_001288729:exon26:c.G4012A:p.D1338N,DAPK1	Missense_Mutation		
VSCC11	chr9:117110145-117110145	C	T	*AKNA*	NM_030767:exon16:c.G3257A:p.R1086Q	Missense_Mutation		
VSCC11	chr9:131482210-131482210	G	C	*PKN3*	NM_013355:exon20:c.G2290C:p.E764Q	Missense_Mutation		
VSCC11	chr9:131721117-131721117	C	G	*NUP188*	NM_015354:exon7:c.C409G:p.L137V	Missense_Mutation		COSM3510597
VSCC11	chr9:131765622-131765622	G	A	*NUP188*	NM_015354:exon38:c.G4323A:p.Q1441Q	Silent		COSM974115
VSCC11	chr9:137804963-137804963	C	T	*FCN1*	NM_002003:exon6:c.G367A:p.D123N	Missense_Mutation		
VSCC11	chr10:48388864-48388864	C	T	*RBP3*	NM_002900:exon1:c.G2014A:p.A672T	Missense_Mutation		
VSCC11	chr10:49944072-49944072	C	T	*WDFY4*	NM_020945:exon11:c.C1835T:p.S612L	Missense_Mutation		COSM4664756
VSCC11	chr10:70508917-70508917	G	A	*CCAR1*	NM_001282959:exon8:c.G806A:p.R269H,CCAR1	Missense_Mutation		
VSCC11	chr10:75541948-75541948	G	A	*CHCHD1*	NM_203298:exon1:c.G115A:p.E39K	Missense_Mutation		
VSCC11	chr10:81927002-81927002	C	T	*ANXA11*	NM_001157:exon5:c.G629A:p.R210Q,ANXA11	Missense_Mutation		
VSCC11	chr10:105944776-105944776	C	G	*CFAP43*	NM_025145:exon16:c.G2139C:p.W713C	Missense_Mutation		COSM330998
VSCC11	chr11:562514-562514	G	A	*RASSF7*	NM_001143993:exon3:c.G560A:p.R187Q,RASSF7	Missense_Mutation		COSM3362134
VSCC11	chr11:4616153-4616153	C	T	*OR52I1*	NM_001005169:exon1:c.C885T:p.I295I	Silent		
VSCC11	chr11:14880700-14880700	G	A	*PDE3B*	NM_000922:exon13:c.G2632A:p.E878K	Missense_Mutation		
VSCC11	chr17:40354424-40354424	G	A	*STAT5B*	NM_012448:exon18:c.C2171T:p.T724M	Missense_Mutation	*STAT5B*	COSM3519654
VSCC11	chr11:55418641-55418641	A	G	*OR4S2*	NM_001004059:exon1:c.A262G:p.K88E	Missense_Mutation		COSM4969161
VSCC11	chr11:57886794-57886794	C	T	*OR9I1*	NM_001005211:exon1:c.G123A:p.G41G	Silent		

VSCC11	chr11:60703933-60703933	C	T	*TMEM132A*	NM_017870:exon11:c.C2629T:p.Q877X,TMEM132A	Nonsense_Mutation	
VSCC11	chr11:62295933-62295933	T	C	*AHNAK*	NM_001620:exon5:c.A5956G:p.T1986A	Missense_Mutation	
VSCC11	chr11:65164336-65164336	C	T	*FRMD8*	NM_001300832:exon6:c.C480T:p.L160L,FRMD8	Silent	
VSCC11	chr11:65811087-65811087	G	T	*GAL3ST3*	NM_033036:exon3:c.C187A:p.H63N	Missense_Mutation	
VSCC11	chr11:66191839-66191839	C	T	*NPAS4*	NM_178864:exon7:c.C1478T:p.S493L	Missense_Mutation	
VSCC11	chr11:66328128-66328128	G	A	*ACTN3*	UNKNOWN	unknown	COSM4878645
VSCC11	chr11:68529147-68529147	C	G	*CPT1A*	NM_001031847:exon16:c.G1884C:p.Q628H,CPT1A	Missense_Mutation	
VSCC11	chr11:71148984-71148984	G	A	*DHCR7*	NM_001163817:exon8:c.C837T:p.I279I,DHCR7	Silent	COSM5718029
VSCC11	chr11:73021808-73021808	C	T	*ARHGEF17*	NM_014786:exon1:c.C2125T:p.R709X	Nonsense_Mutation	
VSCC11	chr11:75148056-75148056	G	C	*GDPD5*	NM_030792:exon16:c.C1594G:p.Q532E	Missense_Mutation	
VSCC11	chr11:120082164-120082164	C	G	*OAF*	NM_178507:exon1:c.C177G:p.L59L	Silent	
VSCC11	chr11:125447457-125447457	C	T	*EI24*	UNKNOWN	unknown	
VSCC11	chr11:129794937-129794937	C	T	*PRDM10*	NM_199439:exon8:c.G1460A:p.S487N,PRDM10	Missense_Mutation	
VSCC11	chr12:3742886-3742886	G	A	*CRACR2A*	NM_001144958:exon15:c.C1619T:p.S540F	Missense_Mutation	
VSCC11	chr12:6438654-6438654	C	T	*TNFRSF1A*	NM_001065:exon10:c.G1192A:p.E398K	Missense_Mutation	
VSCC11	chr12:13722929-13722929	C	T	*GRIN2B*	NM_000834:exon11:c.G2194A:p.D732N	Missense_Mutation	
VSCC11	chr12:21727101-21727101	C	T	*GYS2*	NM_021957:exon4:c.G655A:p.D219N	Missense_Mutation	COSM1721403
VSCC11	chr12:31255209-31255209	G	A	*DDX11*	NM_004399:exon21:c.G2085A:p.V695V,DDX11	Silent	
VSCC11	chr12:42853839-42853839	G	C	*PRICKLE1*	NM_001144881:exon8:c.C2268G:p.G756G,PRICKLE1	Silent	

VSCC11	chr12:43769277-43769277	C	G	*ADAMTS20*	NM_025003:exon36:c.G5351C:p.R1784T	Missense_Mutation	COSM3544801
VSCC11	chr12:45610155-45610155	C	G	*ANO6*	NM_001025356:exon1:c.C51G:p.D17E,ANO6	Missense_Mutation	
VSCC11	chr12:49047912-49047912	C	T	*KANSL2*	NM_017822:exon10:c.G1394A:p.R465Q	Missense_Mutation	COSM2706060
VSCC11	chr12:65269337-65269337	G	A	*TBC1D30*	NM_015279:exon12:c.G2055A:p.P685P	Silent	
VSCC11	chr12:112481544-112481544	G	A	*NAA25*	NM_024953:exon18:c.C2135T:p.S712L	Missense_Mutation	
VSCC11	chr12:125834041-125834041	C	A	*TMEM132B*	NM_052907:exon2:c.C96A:p.S32S	Silent	
VSCC11	chr13:25671850-25671850	G	A	*PABPC3*	NM_030979:exon1:c.G1514A:p.R505Q	Missense_Mutation	
VSCC11	chr13:26923248-26923248	C	G	*CDK8*	NM_001260:exon3:c.C244G:p.Q82E	Missense_Mutation	COSM3991976
VSCC11	chr13:35619496-35619496	C	T	*NBEA*	NM_015678:exon4:c.C681T:p.H227H	Silent	
VSCC11	chr13:47315819-47315819	C	T	*LRCH1*	NM_015116:exon19:c.C2023T:p.R675C,LRCH1	Missense_Mutation	COSM1308069
VSCC11	chr13:53421638-53421638	C	T	*PCDH8*	NM_002590:exon1:c.G934A:p.V312M,PCDH8	Missense_Mutation	COSM1416790
VSCC11	chr14:20917398-20917398	G	A	*OSGEP*	NM_017807:exon4:c.C439T:p.R147C	Missense_Mutation	
VSCC11	chr14:52520942-52520942	C	T	*NID2*	NM_007361:exon4:c.G865A:p.A289T	Missense_Mutation	COSM1120827
VSCC11	chr14:103807311-103807311	G	A	*EIF5*	NM_183004:exon11:c.G1218A:p.S406S,EIF5	Silent	COSM121356
VSCC11	chr14:105406476-105406476	G	C	*AHNAK2*	NM_138420:exon7:c.C15312G:p.L5104L	Silent	
VSCC11	chr14:105996130-105996130	G	A	*TMEM121*	NM_025268:exon2:c.G959A:p.X320X	Silent	
VSCC11	chr15:42446564-42446564	C	T	*PLA2G4F*	NM_213600:exon3:c.G277A:p.E93K	Missense_Mutation	COSM4823079
VSCC11	chr15:48726812-48726812	C	T	*FBN1*	NM_000138:exon54:c.G6595A:p.G2199S	Missense_Mutation	

VSCC11	chr15:56970931-56970931	G	A	*ZNF280D*	NM_001002843:exon10:c.C1054T:p.R352C,ZNF280D	Missense_Mutation	COSM1747579
VSCC11	chr15:70961264-70961264	C	G	*UACA*	NM_001008224:exon16:c.G1720C:p.E574Q,UACA	Missense_Mutation	
VSCC11	chr15:72302697-72302697	C	T	*MYO9A*	NM_006901:exon7:c.G1247A:p.R416Q	Missense_Mutation	
VSCC11	chr15:75503327-75503327	G	A	*C15orf39*	NM_015492:exon3:c.G3014A:p.R1005H	Missense_Mutation	
VSCC11	chr15:76018456-76018456	G	A	*ODF3L1*	NM_175881:exon3:c.G287A:p.R96Q	Missense_Mutation	
VSCC11	chr15:86807761-86807761	A	G	*AGBL1*	NM_152336:exon10:c.A1221G:p.E407E	Silent	
VSCC11	chr15:90227061-90227061	G	A	*PEX11A*	NM_001271572:exon3:c.C198T:p.F66F,PEX11A	Silent	COSM3490166
VSCC11	chr15:91453765-91453765	C	T	*MAN2A2*	NM_006122:exon10:c.C1612T:p.H538Y	Missense_Mutation	
VSCC11	chr16:2201874-2201874	G	C	*RAB26*	NM_014353:exon5:c.G433C:p.D145H,RAB26	Missense_Mutation	
VSCC11	chr16:2979915-2979915	G	A	*FLYWCH1*	NM_001308068:exon3:c.G229A:p.A77T,FLYWCH1	Missense_Mutation	
VSCC11	chr16:31131669-31131669	G	A	*KAT8*	NM_032188:exon3:c.G296A:p.R99Q,KAT8	Missense_Mutation	
VSCC11	chr16:58073967-58073967	C	T	*MMP15*	NM_002428:exon4:c.C629T:p.S210L	Missense_Mutation	COSM4666190
VSCC11	chr16:81654499-81654499	C	T	*CMIP*	NM_030629:exon3:c.C163T:p.R55X,CMIP	Nonsense_Mutation	
VSCC11	chr16:89167381-89167381	G	A	*ACSF3*	NM_001127214:exon2:c.G292A:p.V98I,ACSF3	Missense_Mutation	
VSCC11	chr17:8111119-8111119	G	A	*AURKB*	NM_001313953:exon2:c.C88T:p.R30W,AURKB	Missense_Mutation	
VSCC11	chr17:27047774-27047774	G	C	*RPL23A*	NM_000984:exon2:c.G75C:p.K25N	Missense_Mutation	COSM5553158
VSCC11	chr17:30615894-30615894	G	A	*RHBDL3*	NM_138328:exon4:c.G378A:p.E126E	Silent	COSM3749685
VSCC11	chr17:36891572-36891572	G	A	*PCGF2*	NM_007144:exon11:c.C939T:p.A313A	Silent	

VSCC11	chr17:37885787-37885787	G	A	*MIEN1*	NM_032339:exon4:c.C336T:p.C112C	Silent	
VSCC11	chr17:39324284-39324284	G	A	*KRTAP4-3*	NM_033187:exon1:c.C141T:p.S47S	Silent	
VSCC11	chr17:40968053-40968053	C	G	*BECN1*	NM_001314000:exon6:c.G475C:p.E159Q,BECN1	Missense_Mutation	
VSCC11	chr17:51900463-51900463	C	T	*KIF2B*	NM_032559:exon1:c.C69T:p.F23F	Silent	
VSCC11	chr17:57941171-57941171	C	T	*TUBD1*	NM_001193613:exon5:c.G465A:p.L155L,TUBD1	Silent	COSM4117443
VSCC11	chr17:62228281-62228281	G	A	*TEX2*	NM_001288732:exon11:c.C3181T:p.R1061W,TEX2	Missense_Mutation	
VSCC11	chr17:76486869-76486869	C	T	*DNAH17*	NM_173628:exon44:c.G6730A:p.E2244K	Missense_Mutation	
VSCC11	chr18:29052258-29052258	C	T	*DSG3*	NM_001944:exon13:c.C1909T:p.L637L	Silent	
VSCC11	chr19:868238-868238	G	A	*MED16*	NM_005481:exon16:c.C2497T:p.R833C	Missense_Mutation	
VSCC11	chr19:14501761-14501761	G	A	*ADGRE5*	NM_001025160:exon4:c.G216A:p.S72S,ADGRE5	Silent	COSM3780866
VSCC11	chr19:18648497-18648497	C	T	*FKBP8*	NM_001308373:exon6:c.G856A:p.D286N,FKBP8	Missense_Mutation	COSM1724117
VSCC11	chr19:24115238-24115238	G	T	*ZNF726*	NM_001244038:exon4:c.G320T:p.G107V	Missense_Mutation	
VSCC11	chr19:36210431-36210431	C	T	*KMT2B*	NM_014727:exon2:c.C424T:p.R142X	Nonsense_Mutation	
VSCC11	chr19:36674451-36674451	G	A	*ZNF565*	NM_001042474:exon5:c.C417T:p.N139N,ZNF565	Silent	
VSCC11	chr19:39913373-39913373	C	T	*PLEKHG2*	NM_022835:exon18:c.C1679T:p.P560L	Missense_Mutation	
VSCC11	chr19:40419614-40419614	C	T	*FCGBP*	NM_003890:exon6:c.G3380A:p.R1127K	Missense_Mutation	COSM1091923
VSCC11	chr19:47767875-47767875	C	T	*CCDC9*	NM_015603:exon6:c.C478T:p.R160C	Missense_Mutation	
VSCC11	chr19:50906827-50906827	C	T	*POLD1*	NM_001308632:exon9:c.C1215T:p.Y405Y,POLD1	Silent	

VSCC11	chr19:50982231-50982231	C	T	*EMC10*	NM_175063:exon3:c.C205T:p.R69W,EMC10	Missense_Mutation	
VSCC11	chr19:56733292-56733292	C	G	*ZSCAN5A*	NM_024303:exon5:c.G1143C:p.E381D	Missense_Mutation	
VSCC11	chr19:57647267-57647267	G	A	*ZIM3*	NM_052882:exon5:c.C438T:p.H146H	Silent	
VSCC11	chr19:57956104-57956104	G	C	*ZNF749*	NM_001023561:exon3:c.G1588C:p.E530Q	Missense_Mutation	
VSCC11	chr19:58600122-58600122	T	C	*ZSCAN18*	NM_001145544:exon2:c.A81G:p.L27L,ZSCAN18	Silent	
VSCC11	chr19:58600136-58600136	C	T	*ZSCAN18*	NM_001145544:exon2:c.G67A:p.D23N,ZSCAN18	Missense_Mutation	
VSCC11	chr20:2413241-2413241	C	T	*TGM6*	NM_198994:exon13:c.C2073T:p.F691F	Silent	
VSCC11	chr20:4680112-4680112	A	G	*PRNP*	NM_001271561:exon2:c.A157G:p.T53A	Missense_Mutation	COSM3769148
VSCC11	chr20:23065974-23065974	C	T	*CD93*	NM_012072:exon1:c.G856A:p.G286S	Missense_Mutation	
VSCC11	chr20:60899599-60899599	G	A	*LAMA5*	NM_005560:exon42:c.C5541T:p.P1847P	Silent	COSM4011109
VSCC11	chr21:11049617-11049617	C	G	*BAGE2,BAGE3*	NM_182481:exon4:c.G284C:p.R95T,BAGE2	Missense_Mutation	COSM3687531
VSCC11	chr21:43176943-43176943	C	A	*RIPK4*	NM_020639:exon2:c.G216T:p.K72N	Missense_Mutation	
VSCC11	chr21:43176954-43176954	C	T	*RIPK4*	NM_020639:exon2:c.G205A:p.E69K	Missense_Mutation	
VSCC11	chr21:46067216-46067216	G	A	*KRTAP10-11*	NM_198692:exon1:c.G841A:p.A281T	Missense_Mutation	
VSCC11	chr22:22324694-22324694	C	T	*TOP3B*	NM_001282112:exon6:c.G469A:p.D157N,TOP3B	Missense_Mutation	COSM44890
VSCC11	chr22:31042720-31042720	C	G	*SLC35E4*	NM_001001479:exon2:c.C755G:p.S252C	Missense_Mutation	
VSCC11	chr22:45782903-45782903	T	C	*SMC1B*	NM_001291501:exon11:c.A1755G:p.L585L,SMC1B	Silent	
VSCC11	chr22:50986900-50986900	G	A	*KLHDC7B*	NM_138433:exon1:c.G305A:p.R102K	Missense_Mutation	

VSCC11	chrX:3530318-3530318	C	T	*PRKX*	NM_005044:exon8:c.G1000A:p.E334K	Missense_Mutation		
VSCC11	chrX:51075901-51075901	G	A	*NUDT10*	NM_001304963:exon1:c.G84A:p.E28E,NUDT10	Silent		
VSCC11	chrX:83411166-83411166	G	A	*RPS6KA6*	NM_014496:exon3:c.C175T:p.H59Y	Missense_Mutation		
VSCC11	chrX:134427741-134427741	A	T	*ZNF75D*	NM_001185063:exon2:c.T326A:p.V109E,ZNF75D	Missense_Mutation		
VSCC11	chrX:142795177-142795177	T	C	*SPANXN2*	NM_001009615:exon2:c.A501G:p.L167L	Silent		
VSCC11	chr17:7577538-7577538	C	G	*TP53*	NM_001126115:exon3:c.G347C:p.R116P,TP53	Missense_Mutation	*TP53*	
VSCC11	chr17:7577539-7577539	G	A	*TP53*	NM_001126115:exon3:c.C346T:p.R116W,TP53	Missense_Mutation	*TP53*	
VSCC11	chr15:50776541-50776541	G	A	*USP8*	NM_001128610:exon12:c.G1873A:p.D625N,USP8	Missense_Mutation	*USP8*	COSM1266950
VSCC11	chr2:100210335-100210340	GGCTGA	-	*AFF3*	NM_001025108:exon14:c.1858_1863del:p.620_621del,AFF3	In_Frame_Del	*AFF3*	
VSCC11	chr1:47904668-47904668	-	CCGCAC	*FOXD2*	NM_004474:exon1:c.861_862insCCGCAC:p.H287delinsHPH	In_Frame_Ins		
VSCC11	chr4:140811081-140811081	-	TGT	*MAML3*	NM_018717:exon2:c.1508_1509insACA:p.Q503delinsQQ	In_Frame_Ins		
VSCC11	chr7:150069396-150069407	CCGCCAGGGGCC	-	*REPIN1*	NM_014374:exon1:c.1066_1077del:p.356_359del,REPIN1	In_Frame_Del		
VSCC11	chr12:53069223-53069243	ACCTCCGGAGCCGTAGCTGCT	-	*KRT1*	NM_006121:exon9:c.1669_1689del:p.557_563del	In_Frame_Del		
VSCC3	chrX:39933150-39933150	C	T	*BCOR*	NM_001123383:exon4:c.G1449A:p.P483P,BCOR	Silent	*BCOR*	COSM3516839
VSCC3	chr12:1213924-1213924	T	A	*ERC1*	NM_001301248:exon3:c.T1095A:p.H365Q,ERC1	Missense_Mutation	*ERC1*	COSM4753829
VSCC3	chr11:3733878-3733878	C	T	*NUP98*	NM_005387:exon20:c.G2709A:p.K903K,NUP98	Silent	*NUP98*	
VSCC3	chr1:144916602-144916602	T	C	*PDE4DIP*	NM_001002811:exon9:c.A2242G:p.T748A,PDE4DIP	Missense_Mutation	*PDE4DIP*	
VSCC3	chr1:10041329-10041329	A	G	*NMNAT1*	NM_001297779:exon5:c.A455G:p.Y152C	Missense_Mutation		

VSCC3	chr1:10710777-10710777	G	T	*CASZ1*	NM_001079843:exon13:c.C2852A:p.S951X,CASZ1	Nonsense_Mutation	
VSCC3	chr1:16458933-16458933	G	T	*EPHA2*	NM_004431:exon12:c.C2055A:p.Y685X	Nonsense_Mutation	
VSCC3	chr1:22903022-22903022	G	A	*EPHA8*	NM_001006943:exon3:c.G472A:p.D158N,EPHA8	Missense_Mutation	
VSCC3	chr1:27158984-27158984	G	A	*ZDHHC18*	NM_032283:exon2:c.G382A:p.A128T	Missense_Mutation	
VSCC3	chr1:38003597-38003597	G	A	*SNIP1*	NM_024700:exon4:c.C943T:p.R315C	Missense_Mutation	
VSCC3	chr1:41978891-41978891	G	A	*HIVEP3*	NM_001127714:exon7:c.C6001T:p.R2001X,HIVEP3	Nonsense_Mutation	
VSCC3	chr1:45293593-45293593	G	A	*PTCH2*	NM_001166292:exon14:c.C1980T:p.S660S,PTCH2	Silent	
VSCC3	chr1:54060500-54060500	G	T	*GLIS1*	NM_147193:exon3:c.C76A:p.L26I	Missense_Mutation	
VSCC3	chr1:150900323-150900323	G	A	*SETDB1*	NM_001145415:exon2:c.G133A:p.D45N,SETDB1	Missense_Mutation	
VSCC3	chr1:178834205-178834205	C	A	*ANGPTL1*	NM_004673:exon3:c.G707T:p.G236V	Missense_Mutation	
VSCC3	chr1:210329113-210329113	T	C	*SYT14*	NM_001146262:exon7:c.T1212C:p.S404S,SYT14	Silent	
VSCC3	chr1:222892650-222892650	G	A	*BROX*	NM_001288579:exon4:c.G254A:p.R85Q,BROX	Missense_Mutation	
VSCC3	chr1:227149148-227149148	C	T	*ADCK3*	NM_020247:exon2:c.C62T:p.A21V	Missense_Mutation	
VSCC3	chr2:54893179-54893179	G	A	*SPTBN1*	NM_003128:exon34:c.G6787A:p.E2263K	Missense_Mutation	COSM4423697
VSCC3	chr2:71797455-71797455	G	A	*DYSF*	NM_001130976:exon27:c.G2980A:p.D994N,DYSF	Missense_Mutation	
VSCC3	chr2:73613071-73613071	A	G	*ALMS1*	NM_015120:exon1:c.A75G:p.E25E	Silent	
VSCC3	chr2:96780986-96780986	C	T	*ADRA2B*	NM_000682:exon1:c.G903A:p.E301E	Silent	COSM5862970
VSCC3	chr2:166859139-166859139	C	A	*SCN1A*	NM_001165963:exon21:c.G4127T:p.C1376F,SCN1A	Missense_Mutation	

VSCC3	chr2:168102309-168102309	A	G	*XIRP2*	NM_001199144:exon7:c.A3741G:p.L1247L,XIRP2	Silent	
VSCC3	chr2:182784064-182784064	G	A	*SSFA2*	NM_001287504:exon13:c.G2576A:p.R859Q,SSFA2	Missense_Mutation	
VSCC3	chr2:216964824-216964824	G	T	*TMEM169*	NM_001142311:exon3:c.G453T:p.Q151H,TMEM169	Missense_Mutation	COSM1162572
VSCC3	chr3:38889147-38889147	G	A	*SCN11A*	NM_014139:exon26:c.C4414T:p.R1472X,SCN11A	Nonsense_Mutation	COSM1230112
VSCC3	chr3:39107349-39107349	C	T	*WDR48*	NM_001303403:exon3:c.C237T:p.N79N,WDR48	Silent	COSM5713377
VSCC3	chr3:44492947-44492947	C	A	*ZNF445*	NM_181489:exon4:c.G457T:p.V153L	Missense_Mutation	COSM1193001
VSCC3	chr3:47037965-47037965	G	A	*NBEAL2*	NM_015175:exon16:c.G2356A:p.A786T	Missense_Mutation	COSM150846
VSCC3	chr3:111835833-111835833	T	C	*C3orf52*	NM_001171747:exon4:c.T741C:p.R247R	Silent	COSM11491
VSCC3	chr3:154055956-154055956	G	A	*GPR149*	NM_001038705:exon4:c.C1728T:p.S576S	Silent	COSM448312
VSCC3	chr3:195513461-195513461	G	A	*MUC4*	NM_018406:exon2:c.C4990T:p.P1664S	Missense_Mutation	COSM330203
VSCC3	chr4:140811108-140811108	C	T	*MAML3*	NM_018717:exon2:c.G1482A:p.Q494Q	Silent	COSM120006
VSCC3	chr5:32388774-32388774	G	A	*ZFR*	NM_016107:exon13:c.C2149T:p.R717C	Missense_Mutation	COSM111637
VSCC3	chr5:135692425-135692425	C	T	*TRPC7*	NM_001167576:exon2:c.G651A:p.S217S,TRPC7	Silent	
VSCC3	chr5:143853472-143853472	G	A	*KCTD16*	NM_020768:exon4:c.G1082A:p.R361Q	Missense_Mutation	
VSCC3	chr6:15487630-15487630	G	A	*JARID2*	NM_001267040:exon6:c.G247A:p.D83N,JARID2	Missense_Mutation	COSM4589994
VSCC3	chr7:77256291-77256291	G	A	*PTPN12*	NM_001131009:exon12:c.G905A:p.R302Q,PTPN12	Missense_Mutation	COSM930080
VSCC3	chr7:130418739-130418739	G	T	*KLF14*	NM_138693:exon1:c.C122A:p.S41X	Nonsense_Mutation	COSM996778
VSCC3	chr7:139167993-139167993	G	A	*KLRG2*	NM_198508:exon1:c.C396T:p.P132P	Silent	COSM4406312

VSCC3	chr8:134050936-134050936	C	T	*SLA*	NM_001282964:exon7:c.G583A:p.E195K,SLA	Missense_Mutation	
VSCC3	chr9:35658671-35658671	G	C	*CCDC107*	NM_001195200:exon2:c.G205C:p.G69R,CCDC107	Missense_Mutation	
VSCC3	chr9:113132290-113132290	C	A	*SVEP1*	NM_153366:exon47:c.G10607T:p.C3536F	Missense_Mutation	COSM1294425
VSCC3	chr9:131600009-131600009	G	A	*CCBL1*	NM_001122672:exon5:c.C372T:p.R124R,CCBL1	Silent	COSM5596862
VSCC3	chr9:137726961-137726961	G	A	*COL5A1*	NM_000093:exon65:c.G5281A:p.D1761N,COL5A1	Missense_Mutation	COSM5956980
VSCC3	chr9:138714442-138714442	C	T	*CAMSAP1*	NM_015447:exon11:c.G2065A:p.D689N	Missense_Mutation	
VSCC3	chr10:7755196-7755196	C	T	*ITIH2*	NM_002216:exon5:c.C415T:p.R139X	Nonsense_Mutation	COSM5358593
VSCC3	chr10:61828717-61828717	A	G	*ANK3*	NM_020987:exon37:c.T11922C:p.T3974T	Silent	
VSCC3	chr10:90492268-90492268	C	A	*LIPK*	NM_001080518:exon5:c.C629A:p.P210H	Missense_Mutation	
VSCC3	chr11:6559701-6559701	C	T	*DNHD1*	NM_144666:exon15:c.C3087T:p.S1029S	Silent	
VSCC3	chr11:62356514-62356514	C	A	*TUT1*	NM_022830:exon2:c.G376T:p.D126Y	Missense_Mutation	
VSCC3	chr11:111582953-111582953	C	T	*SIK2*	NM_015191:exon9:c.C1120T:p.P374S	Missense_Mutation	COSM996778
VSCC3	chr12:653508-653508	C	T	*B4GALNT3*	NM_173593:exon4:c.C355T:p.R119W	Missense_Mutation	
VSCC3	chr12:7917893-7917893	G	A	*NANOGNB*	NM_001145465:exon1:c.G12A:p.A4A	Silent	
VSCC3	chr12:7917895-7917895	G	A	*NANOGNB*	NM_001145465:exon1:c.G14A:p.R5Q	Missense_Mutation	COSM330203
VSCC3	chr12:96380969-96380969	C	T	*HAL*	NM_001258333:exon11:c.G303A:p.T101T,HAL	Silent	COSM1319577
VSCC3	chr12:133102377-133102377	G	A	*FBRSL1*	NM_001142641:exon3:c.G547A:p.E183K	Missense_Mutation	
VSCC3	chr13:46358101-46358101	C	T	*SIAH3*	NM_198849:exon2:c.G227A:p.R76H	Missense_Mutation	COSM111726

VSCC3	chr13:77644803-77644803	A	G	*MYCBP2*	NM_015057:exon69:c.T11867C:p.I3956T	Missense_Mutation	COSM246865
VSCC3	chr14:20216346-20216346	C	T	*OR4Q3*	NM_172194:exon1:c.C760T:p.P254S	Missense_Mutation	
VSCC3	chr14:20711858-20711858	G	A	*OR11H4*	NM_001004479:exon1:c.G908A:p.R303H	Missense_Mutation	
VSCC3	chr14:101350108-101350108	G	A	*RTL1*	NM_001134888:exon1:c.C1018T:p.R340W	Missense_Mutation	COSM4668049
VSCC3	chr15:68631913-68631913	C	T	*ITGA11*	NM_001004439:exon11:c.G1201A:p.G401R	Missense_Mutation	COSM330203
VSCC3	chr15:74281550-74281550	G	A	*STOML1*	NM_001256672:exon3:c.C289T:p.R97C,STOML1	Missense_Mutation	COSM1319577
VSCC3	chr16:780597-780597	G	C	*NARFL*	NM_022493:exon11:c.C1251G:p.L417L,NARFL	Silent	COSM5826494
VSCC3	chr16:30723171-30723171	G	A	*SRCAP*	NM_006662:exon12:c.G1508A:p.R503Q	Missense_Mutation	COSM1163638
VSCC3	chr16:70166157-70166157	G	A	*PDPR*	NM_017990:exon9:c.G951A:p.K317K	Silent	
VSCC3	chr17:7752362-7752362	G	A	*KDM6B*	NM_001080424:exon11:c.G2756A:p.R919Q	Missense_Mutation	COSM128642
VSCC3	chr17:8013545-8013545	C	T	*ALOXE3*	NM_001165960:exon10:c.G1566A:p.L522L,ALOXE3	Silent	
VSCC3	chr17:37922133-37922133	G	A	*IKZF3*	NM_001284516:exon3:c.C699T:p.F233F,IKZF3	Silent	
VSCC3	chr17:43013444-43013444	G	A	*KIF18B*	NM_001264573:exon2:c.C269T:p.T90M,KIF18B	Missense_Mutation	COSM5713377
VSCC3	chr18:47488720-47488720	C	T	*MYO5B*	NM_001080467:exon12:c.G1461A:p.L487L	Silent	COSM5713378
VSCC3	chr19:579520-579520	G	A	*BSG*	NM_198589:exon2:c.G88A:p.V30I,BSG	Missense_Mutation	
VSCC3	chr19:6495991-6495991	G	T	*TUBB4A*	NM_001289130:exon4:c.C303A:p.P101P,TUBB4A	Silent	
VSCC3	chr19:24309824-24309824	A	T	*ZNF254*	NM_001278678:exon2:c.A767T:p.K256M,ZNF254	Missense_Mutation	
VSCC3	chr19:35941268-35941268	C	T	*FFAR2*	NM_005306:exon1:c.C652T:p.R218C	Missense_Mutation	

VSCC3	chr19:38377925-38377925	A	G	*WDR87*	NM_001291088:exon6:c.T6386C:p.L2129P,WDR87	Missense_Mutation		COSM1396564
VSCC3	chr19:38797616-38797616	C	T	*YIF1B*	NM_001145463:exon8:c.G795A:p.P265P	Silent		
VSCC3	chr19:43019171-43019171	T	C	*CEACAM1*	NM_001184815:exon5:c.A1043G:p.E348G	Missense_Mutation		
VSCC3	chr19:57840530-57840530	A	G	*ZNF543*	NM_213598:exon4:c.A1700G:p.D567G	Missense_Mutation		
VSCC3	chr20:60894763-60894763	C	A	*LAMA5*	NM_005560:exon51:c.G6848T:p.R2283L	Missense_Mutation		
VSCC3	chr20:61947911-61947911	A	G	*COL20A1*	NM_020882:exon21:c.A2531G:p.D844G	Missense_Mutation		
VSCC3	chr22:50654173-50654173	T	C	*SELO*	UNKNOWN	unknown		COSM1622543
VSCC3	chrX:47464680-47464680	C	T	*SYN1*	NM_006950:exon4:c.G626A:p.G209E,SYN1	Missense_Mutation		COSM1362564
VSCC3	chr8:103335552-103335552	T	-	*UBR5*	NM_001282873:exon14:c.1771delA:p.T591fs,UBR5	Frame_Shift_Del	*UBR5*	
VSCC3	chr1:10702920-10702921	CG	-	*CASZ1*	NM_001079843:exon20:c.4157_4158del:p.A1386fs	Frame_Shift_Del		
VSCC3	chr3:27763427-27763427	-	CGGCGC	*EOMES*	NM_001278182:exon1:c.358_359insGCGCCG:p.A120delinsGAA,EOMES	In_Frame_Ins		
VSCC3	chr4:71503554-71503554	-	G	*ENAM*	NM_031889:exon8:c.583dupG:p.E194fs	Frame_Shift_Ins		COSM1072056
VSCC3	chr6:109906330-109906332	CTT	-	*AK9*	NM_001145128:exon19:c.2108_2110del:p.703_704del	In_Frame_Del		COSM4723679
VSCC3	chr6:148664242-148664242	-	GAGCCC	*SASH1*	NM_015278:exon1:c.39_40insGAGCCC:p.P13delinsPEP	In_Frame_Ins		
VSCC3	chr8:11666219-11666224	TCCCAC	-	*FDFT1*	NM_001287750:exon1:c.193_198del:p.65_66del	In_Frame_Del		
VSCC3	chr8:103573011-103573037	TGCAACCCCTGCAGCCCCTGCAACCCG	-	*ODF1*	NM_024410:exon2:c.652_678del:p.218_226del	In_Frame_Del		COSM330203
VSCC3	chr9:100616701-100616706	GCCGCC	-	*FOXE1*	NM_004473:exon1:c.505_510del:p.169_170del	In_Frame_Del		COSM1724903

VSCC3	chr9:133556992-133556992	-	CGC	*PRDM12*	NM_021619:exon5:c.1040_1041insCGC:p.L347delinsLA	In_Frame_Ins	COSM5957833
VSCC3	chr9:140918171-140918185	GGAGAAGGAGACCAC	-	*CACNA1B*	NM_000718:exon19:c.2976_2990del:p.992_997del,CACNA1B	In_Frame_Del	COSM5826494
VSCC3	chr10:13699134-13699142	CGCCCCCCG	-	*FRMD4A*	NM_018027:exon22:c.2447_2455del:p.816_819del	In_Frame_Del	
VSCC3	chr11:124750448-124750453	CGGAGT	-	*ROBO3*	NM_022370:exon27:c.4093_4098del:p.1365_1366del	In_Frame_Del	COSM5825672
VSCC3	chr12:118506328-118506333	TCCTCC	-	*VSIG10*	NM_019086:exon8:c.1416_1421del:p.472_474del	In_Frame_Del	COSM5495723
VSCC3	chr14:77493792-77493794	TGT	-	*IRF2BPL*	NM_024496:exon1:c.342_344del:p.114_115del	In_Frame_Del	COSM5619779
VSCC3	chr14:105055119-105055127	GACGGGCAG	-	*C14orf180*	NM_001008404:exon5:c.482_819del:p.*161fs,C14orf180	Frame_Shift_Del	COSM1578374
VSCC3	chr15:93198679-93198684	TGGAGC	-	*FAM174B*	NM_207446:exon1:c.206_211del:p.69_71del	In_Frame_Del	COSM1167521
VSCC3	chr16:24788423-24788434	GCAGCCACAGCC	-	*TNRC6A*	NM_014494:exon5:c.333_344del:p.111_115del	In_Frame_Del	COSM5713272
VSCC3	chr22:29885581-29885604	AGGCCAAGTCCCCAGAGAAGGAAG	-	*NEFH*	NM_021076:exon4:c.1952_1975del:p.651_659del	In_Frame_Del	COSM1415516

* UCSC GRCh37/hg19

** Cancer Gene Census (http://cancer.sanger.ac.uk/census)

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