

Supplementary Table S4. Copy number alterations identified across 13 vulvar squamous cell carcinoma genomes using WES.

SampleID	Genomic position*	Event	Length (bp)	Cytoband	Probe Median	Number of Genes	Cancer-related genes**
VSCC1	chr1:142,823,811-144,596,037	CN Gain	1772227	q21.1	0.405373573	12	
VSCC1	chr1:187,014,163-192,545,052	CN Gain	5530890	q31.1 - q31.2	0.443244964	8	
VSCC1	chr10:8,115,765-10,932,126	CN Gain	2816362	p14	0.319297239	10	<i>GATA3</i>
VSCC1	chr11:36,876,634-43,159,341	CN Gain	6282708	p12	0.358191639	7	
VSCC1	chr11:68,382,541-70,961,800	CN Gain	2579260	q13.2 - q13.4	0.655351818	31	<i>CCND1</i>
VSCC1	chr11:70,961,800-135,006,516	CN Loss	64044717	q13.4 - q25	-0.571906328	596	<i>NUMA1, PICALM, MAML2, BIRC3, ATM, DDX10, POU2AF1, SDHD, ZNF145, PAFAH1B2, PCSK7, MLL, DDX6, CBL, ARHGEF12, FLI1, KCNJ5</i>
VSCC1	chr14:24,975,193-44,885,137	CN Gain	19909945	q12 - q21.2	0.301117375	84	<i>NKX2-1, FOXA1</i>
VSCC1	chr14:45,716,317-50,788,075	CN Gain	5071759	q21.2 - q21.3	0.300789177	25	
VSCC1	chr14:81,994,028-88,312,691	CN Gain	6318664	q31.1 - q31.3	0.542242229	8	
VSCC1	chr16:16,291,892-20,329,655	CN Gain	4037764	p13.11 - p12.3	0.381660938	71	
VSCC1	chr16:46,386,673-46,470,829	CN Gain	84157	q11.2	0.647258162	0	
VSCC1	chr16:5,123,146-15,718,633	CN Gain	10595488	p13.3 - p13.11	0.377248734	96	<i>GRIN2A, CIITA, SOCS1, C16orf75, TNFRSF17, RUNDC2A, ERCC4</i>
VSCC1	chr18:0-17,200,000	CN Gain	17200001	p11.32 - q11.1	0.345989823	113	
VSCC1	chr18:18,516,135-75,857,095	CN Gain	57340961	q11.1 - q23	0.404135197	288	<i>ZNF521, SS18, SETBP1, MALT1, BCL2, FVT1</i>
VSCC1	chr19:56,029,811-56,206,578	CN Loss	176768	q13.42	-0.408494651	13	
VSCC1	chr2:192,862,976-196,602,592	CN Gain	3739617	q32.3	0.331079781	6	
VSCC1	chr2:220,345,397-220,439,776	CN Loss	94380	q35	-0.33531031	9	
VSCC1	chr2:232,378,212-233,028,197	CN Loss	649986	q37.1	-0.712581456	13	
VSCC1	chr2:3,802,046-6,900,761	CN Gain	3098716	p25.3 - p25.2	0.30153574	14	

VSCC1	chr20:27,500,000-36,500,434	CN Gain	9000435	q11.1 - q11.23	0.345989823	137	<i>ASXL1</i>
VSCC1	chr20:3,847,585-26,174,104	CN Gain	22326520	p13 - p11.1	0.34340781	168	
VSCC1	chr20:36,997,694-39,775,711	CN Gain	2778018	q11.23 - q12	0.362661153	26	<i>MAFB, TOP1, PLCG1</i>
VSCC1	chr20:45,261,854-60,714,077	CN Gain	15452224	q13.12 - q13.33	0.352424681	143	<i>NFATC2, GNAS</i>
VSCC1	chr21:16,340,016-26,969,728	CN Gain	10629713	q11.2 - q21.3	0.312717974	33	
VSCC1	chr3:117,585,411-151,174,914	CN Gain	33589504	q13.32 - q25.1	0.672168136	305	<i>GATA2, RPN1, ZNF9, FOXL2, ATR, WWTR1</i>
VSCC1	chr3:151,174,914-153,912,405	CN Gain	2737492	q25.1 - q25.2	1.143823862	17	
VSCC1	chr3:153,912,405-172,224,391	CN Gain	18311987	q25.2 - q26.31	0.952926517	106	<i>GMPS, MLF1, EVI1, MDS1</i>
VSCC1	chr3:172,224,391-178,916,664	CN Gain	6692274	q26.31 - q26.32	1.111941814	24	<i>TBLIXR1, PIK3CA</i>
VSCC1	chr3:178,916,664-187,449,591	CN Gain	8532928	q26.32 - q27.3	0.910383821	113	<i>PIK3CA, SOX2, MAP3K13, ETV5, EIF4A2, BCL6</i>
VSCC1	chr3:187,449,591-190,282,152	CN Gain	2832562	q27.3 - q28	1.119507074	19	<i>BCL6, LPP</i>
VSCC1	chr3:190,282,152-198,022,430	CN Gain	7740279	q28 - q29	0.941447794	99	<i>TFRC</i>
VSCC1	chr3:52,507,589-52,563,191	CN Loss	55603	p21.1	-0.304622382	3	
VSCC1	chr3:58,898,405-61,633,186	CN Gain	2734782	p14.2	0.318645507	5	<i>FHIT</i>
VSCC1	chr4:178,361,412-183,250,815	CN Gain	4889404	q34.3 - q35.1	0.374718383	7	
VSCC1	chr6:101,315,797-129,299,885	CN Gain	27984089	q16.3 - q22.33	0.364572436	150	<i>PRDM1, FOXO3A, ROS1, GOPC, RSPO3, PTPRK</i>
VSCC1	chr7:100,675,569-100,683,499	CN Loss	7931	q22.1	-0.635455102	1	
VSCC1	chr9:27,982,997-32,407,196	CN Gain	4424200	p21.2 - p21.1	0.371756256	6	
VSCC1	chr9:65,974,114-70,383,137	CN Gain	4409024	q13 - q21.11	0.33840023	38	
VSCC1	chrX:0-18,606,260	CN Gain	18606261	p22.33 - p22.13	0.392317414	120	<i>ZRSR2</i>
VSCC1	chrX:112,066,281-152,610,233	CN Gain	40543953	q23 - q28	0.341468275	426	<i>SEPT6, STAG2, ELF4, GPC3, PHF6</i>
VSCC1	chrX:153,819,322-155,270,560	CN Gain	1451239	q28	0.311397433	57	<i>MTCP1</i>
VSCC1	chrX:19,765,721-47,004,723	CN Gain	27239003	p22.12 - p11.23	0.36393562	130	<i>BCOR, KDM6A</i>
VSCC1	chrX:55,033,758-60,600,000	CN Gain	5566243	p11.21 - q11.1	0.369329497	27	
VSCC1	chrX:61,683,249-70,320,909	CN Gain	8637661	q11.1 - q13.1	0.334007323	45	<i>AMER1, MSN, FOXO4</i>
VSCC1	chrX:70,470,931-90,596,392	CN Gain	20125462	q13.1 - q21.31	0.333683938	111	<i>NONO, ATRX</i>

VSCC2	chr1:144,214,303-163,452,238	CN Gain	19237936	q21.1 - q23.3	0.831506729	522	<i>PDE4DIP, BCL9, ARNT, TPM3, LMNA, PRCC, NTRK1, IRTA1, SDHC, FCGR2B</i>
VSCC2	chr1:80,337,782-107,950,277	CN Loss	27612496	p31.1 - p13.3	-0.288345486	175	<i>BCL10, RPL5</i>
VSCC2	chr10:27,204,093-27,702,089	CN Loss	497997	p12.1	-0.357753068	8	
VSCC2	chr11:101,762,008-103,349,792	CN Loss	1587785	q22.1 - q22.3	-0.359815538	21	<i>BIRC3</i>
VSCC2	chr11:2,966,637-28,669,631	CN Loss	25702995	p15.4 - p14.1	-0.390057445	306	<i>CARS, NUP98, LMO1, MYOD1, FANCF</i>
VSCC2	chr11:67,046,975-67,821,278	CN Gain	774304	q13.2	0.315124556	38	
VSCC2	chr12:0-2,933,082	CN Gain	2933083	p13.33	0.409599066	35	<i>KDM5A, ERC1</i>
VSCC2	chr12:44,781,946-51,442,915	CN Gain	6660970	q12 - q13.12	0.447244406	108	<i>ARID2, COL2A1, KMT2D, SMARCD1, ATF1</i>
VSCC2	chr12:51,442,915-52,039,224	CN Gain	596310	q13.12 - q13.13	1.098302126	11	
VSCC2	chr12:57,487,171-57,597,186	CN Gain	110016	q13.3	0.300538242	5	<i>NAB2, STAT6</i>
VSCC2	chr13:20,137,479-28,599,295	CN Loss	8461817	q12.11 - q12.2	-0.251022607	84	<i>ZNF198, CDX2, FLT3</i>
VSCC2	chr14:91,875,136-92,686,981	CN Loss	811846	q32.11 - q32.12	-0.309118301	9	<i>TRIP11</i>
VSCC2	chr14:96,757,141-97,347,301	CN Loss	590161	q32.2	-0.361880958	6	
VSCC2	chr15:74,752,951-102,531,392	CN Gain	27778442	q24.1 - q26.3	0.453130662	322	<i>NTRK3, IDH2, CRTCC3, BLM</i>
VSCC2	chr16:25,043,257-25,909,292	CN Gain	866036	p12.1	0.405352905	8	
VSCC2	chr16:46,508,187-47,730,294	CN Loss	1222108	q11.2 - q12.1	-0.316109568	13	
VSCC2	chr16:67,692,671-67,981,434	CN Gain	288764	q22.1	0.336330593	17	
VSCC2	chr16:75,688,109-77,199,904	CN Loss	1511796	q23.1	-0.316109568	4	
VSCC2	chr17:26,499,608-27,228,021	CN Gain	728414	q11.2	1.08811897	43	
VSCC2	chr17:42,274,932-45,405,624	CN Gain	3130693	q21.31 - q21.32	0.458407626	75	
VSCC2	chr17:45,734,357-48,776,922	CN Gain	3042566	q21.32 - q21.33	0.457236737	96	<i>SPOP, COL1A1</i>
VSCC2	chr17:54,707,390-66,864,295	CN Gain	12156906	q22 - q24.2	0.395912305	172	<i>MSI2, RNF43, CLTC, BRIP1, CD79B, DDX5, AXIN2, PRKARIA</i>
VSCC2	chr17:67,401,626-81,195,210	CN Gain	13793585	q24.3 - q25.3	0.499943644	279	<i>H3F3B, SRSF2, MSF, CANT1, ALO17, ASPSCR1</i>
VSCC2	chr18:2,796,420-8,604,752	CN Gain	5808333	p11.32 - p11.22	0.437776417	37	

VSCC2	chr19:20,369,691-24,624,361	CN Loss	4254671	p12 - p11	-0.7375018	44	
VSCC2	chr2:108,627,142-116,573,219	CN Loss	7946078	q12.3 - q14.1	-0.177333012	102	<i>RANBP2, TTL, PAX8</i>
VSCC2	chr2:163,871,190-166,870,097	CN Loss	2998908	q24.3	-0.311112344	15	
VSCC2	chr2:215,595,265-239,103,538	CN Loss	23508274	q35 - q37.3	-0.169623464	241	<i>ATIC, FEV, PAX3, ACSL3</i>
VSCC2	chr2:57,948,509-75,919,158	CN Loss	17970650	p16.1 - p12	-0.197939381	178	<i>BCL11A, REL, XPO1, DCTN1</i>
VSCC2	chr21:14,403,278-23,124,637	CN Loss	8721360	q11.2 - q21.1	-0.308620304	37	
VSCC2	chr21:37,470,806-42,394,800	CN Gain	4923995	q22.12 - q22.2	0.845224231	47	<i>ERG</i>
VSCC2	chr21:42,394,800-48,129,895	CN Loss	5735096	q22.2 - q22.3	-0.538668871	131	<i>TMPRSS2, U2AF1</i>
VSCC2	chr3:121,615,181-159,947,520	CN Gain	38332340	q13.33 - q25.33	0.471226603	324	<i>GATA2, RPNI, ZNF9, FOXL2, ATR, WWTR1, GMPS, MLF1</i>
VSCC2	chr3:160,282,987-162,935,202	CN Gain	2652216	q25.33 - q26.1	0.461038798	9	
VSCC2	chr3:162,935,202-183,368,485	CN Gain	20433284	q26.1 - q27.1	1.125095189	107	<i>EVII, MDS1, TBLIXR1, PIK3CA, SOX2</i>
VSCC2	chr4:0-474,945	CN Loss	474946	p16.3	-0.317111075	8	
VSCC2	chr4:122,735,017-123,533,771	CN Loss	798755	q27	-0.384797901	7	<i>IL2</i>
VSCC2	chr4:155,180,746-182,048,327	CN Loss	26867582	q31.3 - q34.3	-0.311112344	102	
VSCC2	chr4:186,083,923-187,201,237	CN Loss	1117315	q35.1 - q35.2	-0.305138439	16	
VSCC2	chr4:58,909,901-77,357,311	CN Loss	18447411	q12 - q21.1	-0.323135227	118	
VSCC2	chr5:0-23,884,365	CN Gain	23884366	p15.33 - p14.2	0.594580531	130	<i>TERT</i>
VSCC2	chr5:166,808,587-180,915,260	CN Gain	14106674	q34 - q35.3	0.437182605	186	<i>RANBP17, TLX3, NPM1, FGFR4, NSD1</i>
VSCC2	chr5:31,552,901-43,107,793	CN Gain	11554893	p13.3 - p12	0.29694432	87	<i>IL7R, LIFR</i>
VSCC2	chr6:133,897,096-135,506,933	CN Gain	1609838	q23.2 - q23.3	0.467160225	14	<i>MYB</i>
VSCC2	chr6:61,000,000-88,311,671	CN Loss	27311672	q11.1 - q15	-0.30216074	107	
VSCC2	chr7:91,458,668-97,558,836	CN Loss	6100169	q21.2 - q21.3	-0.323638082	50	<i>AKAP9, CDK6</i>
VSCC2	chr7:99,686,697-99,758,403	CN Gain	71707	q22.1	0.301513836	13	
VSCC2	chr8:13,424,563-18,725,312	CN Loss	5300750	p22	-0.314610735	24	<i>PCMI</i>
VSCC2	chr8:144,990,988-145,749,257	CN Gain	758270	q24.3	0.299560279	48	<i>RECQL4</i>
VSCC2	chr8:38,854,391-39,771,274	CN Loss	916884	p11.22 - p11.21	-0.377466559	8	
VSCC2	chr8:86,388,040-86,944,458	CN Gain	556419	q21.2 - q21.3	0.391934425	11	

VSCC2	chr9:24,346,195-27,062,859	CN Loss	2716665	p21.3 - p21.2	-0.36343205	9	
VSCC2	chrX:0-60,600,000	CN Loss	60600001	p22.33 - q11.1	-0.550398111	500	<i>ZRSR2, BCOR, KDM6A, SSX1, SSX4, WAS, GATA1, TFE3, SSX2, KDM5C</i>
VSCC2	chrX:61,691,693-70,317,626	CN Loss	8625934	q11.1 - q13.1	-0.328678936	45	<i>AMER1, MSN, FOXO4</i>
VSCC2	chrX:70,597,535-155,270,560	CN Loss	84673026	q13.1 - q28	-0.537501156	797	<i>ATRX, SEPT6, STAG2, ELF4, GPC3, PHF6, ATP2B3, RPL10, MTCP1</i>
VSCC3	chr10:107,022,126-111,631,448	CN Loss	4609323	q25.1	-0.316643208	6	
VSCC3	chr10:115,515,052-115,991,284	CN Gain	476233	q25.3	0.350899875	8	
VSCC3	chr10:99,426,757-99,439,452	CN Loss	12696	q24.2	-3.712858319	2	
VSCC3	chr11:102,167,034-103,182,663	CN Gain	1015630	q22.2 - q22.3	0.379530221	17	<i>BIRC3</i>
VSCC3	chr11:36,680,649-43,340,010	CN Loss	6659362	p12	-0.33798112	10	
VSCC3	chr11:96,124,552-99,487,602	CN Loss	3363051	q21 - q22.1	-0.362111747	4	
VSCC3	chr12:122,958,082-123,109,213	CN Gain	151132	q24.31	0.302285224	3	<i>ZCCHC8</i>
VSCC3	chr12:20,769,167-22,213,724	CN Gain	1444558	p12.2 - p12.1	0.327798545	16	
VSCC3	chr12:80,550,305-81,072,483	CN Gain	522179	q21.31	0.493563473	2	
VSCC3	chr13:0-17,900,000	CN Loss	17900001	p13 - q11	-3.557076573	0	
VSCC3	chr13:53,624,637-71,185,270	CN Loss	17560634	q14.3 - q21.33	-0.300354749	63	
VSCC3	chr13:94,830,408-103,506,151	CN Gain	8675744	q31.3 - q33.1	0.533793867	75	<i>ERCC5</i>
VSCC3	chr14:17,600,000-20,137,759	CN Loss	2537760	q11.1 - q11.2	-0.459351391	17	
VSCC3	chr14:22,102,387-23,020,809	CN Gain	918423	q11.2	0.411985874	3	
VSCC3	chr14:39,871,656-44,973,731	CN Loss	5102076	q21.1 - q21.2	-0.354706973	4	
VSCC3	chr14:44,973,731-45,759,229	CN Gain	785499	q21.2	0.316495642	11	
VSCC3	chr14:45,759,229-50,065,702	CN Loss	4306474	q21.2 - q21.3	-0.326266557	7	
VSCC3	chr14:82,030,804-88,210,126	CN Loss	6179323	q31.1 - q31.3	-0.369140282	7	
VSCC3	chr14:88,857,100-89,338,598	CN Gain	481499	q31.3	0.304881766	5	
VSCC3	chr14:97,410,780-99,636,443	CN Loss	2225664	q32.2	-0.394645721	6	
VSCC3	chr16:18,791,246-21,273,487	CN Gain	2482242	p12.3 - p12.2	0.41005519	35	
VSCC3	chr16:3,869,872-3,999,870	CN Loss	129999	p13.3	-3.486577749	2	<i>CREBBP</i>
VSCC3	chr16:46,509,775-53,741,994	CN Gain	7232220	q11.2 - q12.2	0.400849044	54	<i>CYLD</i>
VSCC3	chr16:71,186,667-85,132,727	CN Gain	13946061	q22.2 - q24.1	0.30488506	118	<i>MAF</i>

VSCC3	chr17:43,381,188-44,791,168	CN Loss	1409981	q21.31	-0.406505853	26	
VSCC3	chr17:66,864,354-67,305,459	CN Gain	441106	q24.2 - q24.3	0.390101343	9	
VSCC3	chr18:0-34,840,647	CN Gain	34840648	p11.32 - q12.2	0.463160649	206	<i>ZNF521, SS18</i>
VSCC3	chr18:39,330,326-78,077,248	CN Gain	38746923	q12.3 - q23	0.395491466	200	<i>SETBP1, MALT1, BCL2, FVT1</i>
VSCC3	chr19:11,796,133-12,739,529	CN Gain	943397	p13.2	0.362427443	28	
VSCC3	chr19:14,736,266-15,218,287	CN Gain	482022	p13.12	0.318047345	13	
VSCC3	chr19:32,746,984-33,701,473	CN Gain	954490	q13.11	0.426142961	17	<i>CEP89</i>
VSCC3	chr19:34,890,363-35,449,840	CN Gain	559478	q13.11	0.370211899	15	
VSCC3	chr19:36,792,499-38,386,037	CN Gain	1593539	q13.12 - q13.13	0.417281628	43	
VSCC3	chr19:4,218,926-4,275,285	CN Loss	56360	p13.3	-3.497965693	3	
VSCC3	chr19:44,302,608-45,016,141	CN Gain	713534	q13.31	0.522892118	25	
VSCC3	chr19:52,222,875-54,291,184	CN Gain	2068310	q13.41 - q13.42	0.369896114	115	<i>PPP2RIA, ZNF331</i>
VSCC3	chr19:56,228,276-58,491,366	CN Gain	2263091	q13.42 - q13.43	0.36765939	74	
VSCC3	chr19:8,944,208-9,869,227	CN Gain	925020	p13.2	0.455224812	23	
VSCC3	chr2:186,603,295-186,697,910	CN Gain	94616	q32.1	0.576162189	3	
VSCC3	chr2:193,067,774-196,545,384	CN Loss	3477611	q32.3	-0.41076538	4	
VSCC3	chr2:20,870,201-21,511,337	CN Gain	641137	p24.1	0.326788574	4	
VSCC3	chr2:234,978,726-236,571,332	CN Loss	1592607	q37.1 - q37.2	-0.366241992	6	
VSCC3	chr2:3,698,900-3,698,941	CN Loss	42	p25.3	-3.88649869	0	
VSCC3	chr2:3,698,941-6,909,505	CN Loss	3210565	p25.3 - p25.2	-0.358816028	15	
VSCC3	chr2:33,904,806-36,567,945	CN Loss	2663140	p22.3	-0.373721704	5	
VSCC3	chr20:0-21,402,481	CN Gain	21402482	p13 - p11.22	0.327820107	202	
VSCC3	chr20:47,465,498-58,744,996	CN Gain	11279499	q13.13 - q13.33	0.3293529	118	<i>NFATC2, GNAS</i>
VSCC3	chr21:0-13,200,000	CN Loss	13200001	p13 - q11.1	-0.324332967	11	
VSCC3	chr22:14,700,000-17,039,361	CN Loss	2339362	q11.1	-0.617741346	8	
VSCC3	chr3:163,399,475-198,022,430	CN Gain	34622956	q26.1 - q29	1.561671853	298	<i>EVII, MDS1, TBL1XR1, PIK3CA, SOX2, MAP3K13, ETV5, EIF4A2, BCL6, LPP, TFRC</i>
VSCC3	chr3:59,048,664-62,113,511	CN Loss	3064848	p14.2	-0.335556433	3	<i>FHIT</i>
VSCC3	chr4:122,731,123-123,895,961	CN Gain	1164839	q27 - q28.1	0.336232543	14	<i>IL2</i>

VSCC3	chr4:130,057,571-138,442,456	CN Loss	8384886	q28.2 - q28.3	-0.306289822	9	
VSCC3	chr4:178,931,218-183,574,849	CN Loss	4643632	q34.3 - q35.1	-0.403107285	4	
VSCC3	chr4:187,731,694-191,154,276	CN Loss	3422583	q35.2	-0.337176993	12	<i>DUX4</i>
VSCC3	chr4:57,899,384-68,265,885	CN Loss	10366502	q12 - q13.2	-0.300745577	14	
VSCC3	chr4:70,504,845-71,114,951	CN Gain	610107	q13.3	0.546812117	15	
VSCC3	chr5:127,420,265-127,730,918	CN Gain	310654	q23.3	0.310067624	2	
VSCC3	chr5:162,972,354-167,140,774	CN Loss	4168421	q34	-0.375370383	5	
VSCC3	chr5:68,809,861-70,735,482	CN Loss	1925622	q13.2	-0.680656761	28	
VSCC3	chr5:83,563,778-86,564,811	CN Loss	3001034	q14.3	-0.305632755	9	
VSCC3	chr5:89,608,904-90,144,497	CN Gain	535594	q14.3	0.411985874	6	
VSCC3	chr6:116,757,727-117,737,450	CN Gain	979724	q22.1	0.32703951	14	<i>ROSI</i>
VSCC3	chr6:28,554,161-34,760,075	CN Loss	6205915	p22.1 - p21.31	-0.755047977	274	<i>TRIM27, HLA-A, POU5F1, DAXX, HMGA1</i>
VSCC3	chr6:56,330,928-56,569,107	CN Gain	238180	p12.1	0.515278667	1	
VSCC3	chr8:110,257,556-110,587,471	CN Gain	329916	q23.1 - q23.2	0.355086327	5	
VSCC3	chr8:126,178,743-130,763,786	CN Loss	4585044	q24.13 - q24.21	-0.317043394	29	<i>MYC</i>
VSCC3	chr8:20,107,689-21,769,453	CN Loss	1661765	p21.3	-0.375808373	8	
VSCC3	chr8:86,392,728-87,060,807	CN Loss	668080	q21.2 - q21.3	-0.817127138	12	
VSCC3	chr9:123,678,863-124,064,402	CN Gain	385540	q33.2	0.311623096	6	<i>CEP1</i>
VSCC3	chr9:27,950,510-32,352,676	CN Loss	4402167	p21.2 - p21.1	-0.313451618	5	
VSCC3	chr9:38,621,844-70,972,261	CN Loss	32350418	p13.1 - q21.11	-0.64307642	108	
VSCC3	chr9:8,528,695-12,137,422	CN Loss	3608728	p24.1 - p23	-0.377036303	4	
VSCC3	chrX:0-2,700,085	CN Loss	2700086	p22.33	-0.926882446	24	
VSCC3	chrX:60,600,000-62,570,007	CN Loss	1970008	q11.1	-1.009012818	1	
VSCC3	chrX:73,040,694-73,071,815	CN Gain	31122	q13.2	0.45803073	2	
VSCC4	chr1:31,188,045-83,713,041	CN Gain	52524997	p35.2 - p31.1	0.349110693	528	<i>LCK, SFPQ, THRAP3, CSF3R, MYCL1, MPL, MUTYH, TAL1, SIL, CDKN2C, EPS15, JUN, JAK1, FUBP1</i>

VSCC4	chr1:6,234,603-29,601,972	CN Gain	23367370	p36.31 - p35.3	0.331376463	447	<i>RPL22, CAMTA1, SPEN, SDHB, PAX7, MDS2, ARID1A</i>
VSCC4	chr11:68,937,235-71,184,306	CN Gain	2247072	q13.3 - q13.4	1.20145309	23	<i>CCND1</i>
VSCC4	chr11:71,184,306-73,850,692	CN Gain	2666387	q13.4	0.309401006	50	<i>NUMA1</i>
VSCC4	chr11:73,850,692-135,006,516	CN Loss	61155825	q13.4 - q25	-0.491593271	545	<i>PICALM, MAML2, BIRC3, ATM, DDX10, POU2AF1, SDHD, ZNF145, PAFAH1B2, PCSK7, MLL, DDX6, CBL, ARHGEF12, FLI1, KCNJ5</i>
VSCC4	chr13:100,336,156-115,169,878	CN Gain	14833723	q32.3 - q34	0.316763401	121	<i>ERCC5</i>
VSCC4	chr18:18,517,121-34,874,055	CN Gain	16356935	q11.1 - q12.2	0.382344306	94	<i>ZNF521, SS18</i>
VSCC4	chr18:43,422,074-45,567,137	CN Gain	2145064	q12.3 - q21.1	0.370169416	25	
VSCC4	chr18:46,645,092-47,957,549	CN Gain	1312458	q21.1	0.364693522	18	
VSCC4	chr18:5,751,735-17,200,000	CN Gain	11448266	p11.31 - q11.1	0.343222141	73	
VSCC4	chr18:51,690,882-67,872,291	CN Gain	16181410	q21.2 - q22.2	0.374027178	78	<i>MALT1, BCL2, FVT1</i>
VSCC4	chr3:118,644,873-122,512,323	CN Gain	3867451	q13.32 - q21.1	0.384575397	52	
VSCC4	chr3:124,211,488-125,492,720	CN Gain	1281233	q21.2	0.367274374	11	
VSCC4	chr3:130,098,452-133,494,190	CN Gain	3395739	q22.1	0.380748048	28	
VSCC4	chr3:135,550,006-172,737,751	CN Gain	37187746	q22.2 - q26.31	0.374347985	236	<i>FOXL2, ATR, WWTR1, GMPS, MLF1, EVI1, MDS1</i>
VSCC4	chr3:178,916,736-198,022,430	CN Gain	19105695	q26.32 - q29	0.359193802	228	<i>PIK3CA, SOX2, MAP3K13, ETV5, EIF4A2, BCL6, LPP, TFRC</i>
VSCC4	chr3:99,513,730-114,213,812	CN Gain	14700083	q12.1 - q13.31	0.370493948	107	<i>TFG, CBLB</i>
VSCC4	chr5:0-48,400,000	CN Gain	48400001	p15.33 - q11.1	0.611056685	246	<i>TERT, IL7R, LIFR</i>
VSCC4	chr5:150,726,840-153,735,573	CN Loss	3008734	q33.1 - q33.2	-0.477055684	18	
VSCC4	chr6:7,298,036-7,609,107	CN Gain	311072	p24.3	0.341251984	5	
VSCC4	chr7:116,199,672-159,138,663	CN Loss	42938992	q31.2 - q36.3	-0.492762864	386	<i>MET, POT1, SND1, SMO, CREB3L2, TIF1, KIAA1549, BRAF, FAM131B, EZH2, MLL3, HLXB9</i>

VSCC4	chrX:0-18,209,120	CN Gain	18209121	p22.33 - p22.13	0.347150981	118	<i>ZRSR2</i> <i>PDE4DIP, BCL9, ARNT,</i> <i>TPM3, LMNA, PRCC, NTRK1,</i> <i>IRTA1, SDHC, FCGR2B,</i> <i>PBX1, PMX1, ABL2, TPR,</i> <i>CDC73, PTPRC</i>
VSCC5	chr1:125,000,000-201,041,979	CN Gain	76041980	q11 - q32.1	0.689244449	797	
VSCC5	chr1:201,041,979-201,437,520	CN Gain	395542	q32.1	1.00828433	9	
VSCC5	chr1:201,437,520-249,250,621	CN Gain	47813102	q32.1 - q44	0.642110527	492	<i>MDM4, ELK4, SLC45A3,</i> <i>H3F3A, FH</i>
VSCC5	chr10:729,889-1,313,163	CN Loss	583275	p15.3	-0.712118089	10	
VSCC5	chr11:65,265,934-65,272,867	CN Loss	6934	q13.1	-0.301510751	2	<i>MALAT1</i>
VSCC5	chr13:111,367,966-114,536,051	CN Gain	3168086	q34	0.306811631	48	
VSCC5	chr13:96,743,048-101,714,451	CN Gain	4971404	q32.1 - q33.1	0.340665251	42	
VSCC5	chr14:101,459,488-107,349,540	CN Gain	5890053	q32.31 - q32.33	0.346884444	138	<i>HSPCA, AKT1</i>
VSCC5	chr14:19,054,425-25,443,944	CN Gain	6389520	q11.1 - q12	0.404824108	183	<i>CCNB1IP1</i>
VSCC5	chr14:31,816,937-35,036,893	CN Gain	3219957	q12 - q13.1	0.347864032	16	
VSCC5	chr14:51,107,569-52,793,971	CN Gain	1686403	q22.1	0.355351761	18	<i>NIN</i>
VSCC5	chr14:64,565,451-78,763,936	CN Gain	14198486	q23.2 - q24.3	0.37245968	171	<i>MAX, GPHN, RAD51L1</i> <i>TRIP11, GOLGA5, DICER1,</i> <i>TCL6, TCL1A, BCL11B</i>
VSCC5	chr14:89,336,478-101,360,861	CN Gain	12024384	q31.3 - q32.2	0.34132117	129	
VSCC5	chr15:20,087,606-35,149,210	CN Gain	15061605	q11.1 - q14	0.371496677	292	<i>C15orf55</i>
VSCC5	chr15:40,949,518-46,344,182	CN Gain	5394665	q15.1 - q21.1	0.371817768	112	
VSCC5	chr15:51,289,654-62,165,439	CN Gain	10875786	q21.2 - q22.2	0.321844116	77	<i>MYO5A, TCF12</i>
VSCC5	chr15:62,445,506-94,841,669	CN Gain	32396164	q22.2 - q26.2	0.349821091	420	<i>MAP2K1, PML, NTRK3, IDH2,</i> <i>CRTC3, BLM</i>
VSCC5	chr15:98,509,082-102,531,392	CN Gain	4022311	q26.3	0.354377329	51	
VSCC5	chr19:57,454,348-57,792,166	CN Loss	337819	q13.43	-0.667283595	8	
VSCC5	chr20:0-26,188,858	CN Gain	26188859	p13 - p11.1	0.66926977	258	
VSCC5	chr20:27,500,000-63,025,520	CN Gain	35525521	q11.1 - q13.33	0.686149657	508	<i>ASXL1, MAFB, TOP1, PLCG1,</i> <i>SDC4, NFATC2, GNAS,</i> <i>SS18L1</i>

VSCC5	chr21:14,377,581-48,129,895	CN Gain	33752315	q11.2 - q22.3	0.647424281	353	<i>OLIG2, RUNX1, ERG, TMPRSS2, U2AF1</i>
VSCC5	chr3:111,160,342-130,293,179	CN Gain	19132838	q13.13 - q22.1	0.34328714	209	<i>GATA2, RPN1, ZNF9</i>
VSCC5	chr3:132,572,121-141,162,192	CN Gain	8590072	q22.1 - q23	0.341976792	63	<i>FOXL2</i>
VSCC5	chr3:148,793,639-153,847,403	CN Gain	5053765	q24 - q25.2	0.310835898	51	<i>WWTR1</i>
VSCC5	chr3:168,546,824-172,428,887	CN Gain	3882064	q26.2 - q26.31	0.334748507	33	<i>EVII, MDS1</i>
VSCC5	chr3:182,681,832-198,022,430	CN Gain	15340599	q26.33 - q29	0.366027683	203	<i>MAP3K13, ETV5, EIF4A2, BCL6, LPP, TFRC</i>
VSCC5	chr4:0-120,107,285	CN Gain	120107286	p16.3 - q26	0.562213898	779	<i>FGFR3, WHSC1, SLC34A2, ARHH, PHOX2B, FIP1L1, CHIC2, PDGFRA, KIT, KDR, MLLT2, RAP1GDS1, TET2</i>
VSCC5	chr4:151,837,545-155,156,583	CN Gain	3319039	q31.3	0.376945078	28	<i>FBXW7</i>
VSCC5	chr4:184,606,496-189,552,085	CN Gain	4945590	q35.1 - q35.2	0.351449639	43	
VSCC5	chr5:0-24,380,671	CN Gain	24380672	p15.33 - p14.2	0.313512355	131	<i>TERT</i>
VSCC5	chr5:125,972,168-127,329,368	CN Gain	1357201	q23.2 - q23.3	0.393796116	8	
VSCC5	chr5:130,960,280-161,113,113	CN Gain	30152834	q31.1 - q34	0.371817768	388	<i>FACL6, AF5q31, GRAF, PDGFRB, CD74, ITK, EBF1, PWWP2A</i>
VSCC5	chr5:167,478,587-180,915,260	CN Gain	13436674	q34 - q35.3	0.367960304	186	<i>RANBP17, TLX3, NPM1, FGFR4, NSD1</i>
VSCC5	chr5:30,936,750-34,688,160	CN Gain	3751411	p13.3 - p13.2	0.343941867	20	
VSCC5	chr6:80,629,049-171,115,067	CN Loss	90486019	q14.1 - q27	-0.727167666	547	<i>PRDM1, FOXO3A, ROS1, GOPC, RSPO3, PTPRK, MYB, TNFAIP3, ECT2L, ARID1B, EZR, FGFR1OP, MLLT4</i>
VSCC5	chr7:0-8,272,268	CN Gain	8272269	p22.3 - p21.3	0.348516673	114	<i>CARD11, PMS2, RAC1</i>
VSCC5	chr7:17,962,346-47,983,078	CN Gain	30020733	p21.1 - p12.3	0.33079052	251	<i>HNRNPA2B1, HOXA9, HOXA11, HOXA13, JAZF1</i>
VSCC5	chr7:50,444,272-59,900,000	CN Gain	9455729	p12.2 - q11.1	0.359566867	45	<i>EGFR</i>
VSCC5	chr7:61,239,329-76,982,887	CN Gain	15743559	q11.1 - q11.23	0.407332063	181	<i>SBDS, ELN, HIP1</i>

VSCC5	chr7:82,544,209-84,086,089	CN Gain	1541881	q21.11	0.319180772	3	
VSCC5	chr7:95,936,122-107,763,541	CN Gain	11827420	q21.3 - q31.1	0.378224075	200	<i>TRRAP, CUX1</i>
VSCC5	chr8:0-2,876,052	CN Gain	2876053	p23.3 - p23.2	0.320456758	23	
VSCC5	chr8:115,902,113-144,358,321	CN Gain	28456209	q23.3 - q24.3	0.338367149	173	<i>RAD21, EXT1, MYC, NDRG1</i>
VSCC5	chr8:145,773,800-146,364,022	CN Gain	590223	q24.3	0.400422499	14	
VSCC5	chr8:17,157,464-28,827,966	CN Gain	11670503	p22 - p12	0.349820957	119	<i>PCMI</i>
VSCC5	chr8:35,581,586-38,853,925	CN Gain	3272340	p12 - p11.22	0.368925586	32	<i>WHSC1L1, FGFR1</i>
VSCC5	chr8:39,697,766-45,600,000	CN Gain	5902235	p11.22 - q11.1	0.368282109	36	<i>RUNXBP2, HOOK3</i>
VSCC5	chr8:6,614,867-13,162,598	CN Gain	6547732	p23.1 - p22	0.379501909	139	
VSCC5	chr9:79,792,524-80,030,921	CN Loss	238398	q21.2	-0.326296389	2	
VSCC6	chr12:88,321,898-88,589,283	CN Loss	267386	q21.32	-0.302119613	4	
VSCC6	chr13:103,383,432-103,492,272	CN Loss	108841	q33.1	-0.314054742	5	
VSCC6	chr16:46,388,373-46,432,775	CN Gain	44403	q11.2	0.407117203	0	
VSCC6	chr7:66,843,275-69,064,853	CN Gain	2221579	q11.21 - q11.22	0.373861328	3	
VSCC7	chr10:99,426,796-99,507,934	CN Loss	81139	q24.2	-0.548555255	4	
VSCC7	chr12:49,373,202-49,503,433	CN Loss	130232	q13.12	-0.327695087	7	<i>KMT2D</i>
VSCC7	chr16:36,600,000-46,439,003	CN Loss	9839004	q11.1 - q11.2	-1.107589364	0	
VSCC7	chr18:0-818,960	CN Gain	818961	p11.32	0.44099319	13	
VSCC7	chr2:193,416,464-196,581,520	CN Loss	3165057	q32.3	-0.306397185	4	
VSCC7	chr2:3,691,065-3,698,947	CN Loss	7883	p25.3	-0.643787771	1	
VSCC7	chr3:46,704,360-52,570,719	CN Loss	5866360	p21.31 - p21.1	-0.300908804	179	<i>SETD2, AF3p21, RHOA, BAP1</i>
VSCC7	chr3:81,792,616-87,027,712	CN Loss	5235097	p12.2 - p12.1	-0.446530044	8	
VSCC7	chr7:0-59,900,000	CN Gain	59900001	p22.3 - q11.1	0.424497843	448	<i>CARD11, PMS2, RAC1, ETV1, HNRNPA2B1, HOXA9, HOXA11, HOXA13, JAZF1, EGFR</i>
VSCC7	chr8:145,918,761-146,364,022	CN Gain	445262	q24.3	0.402012736	13	

VSCC7	chr8:46,842,188-143,356,197	CN Gain	96514010	q11.1 - q24.3	0.441264093	510	<i>TCEA1, PLAG1, CHCHD7, NCOA2, HEY1, NBS1, CBFA2T1, COX6C, UBR5, RSPO2, EIF3E, RAD21, EXT1, MYC, NDRG1</i>
VSCC7	chr9:32,418,370-33,311,087	CN Gain	892718	p21.1 - p13.3	0.333558619	16	
VSCC7	chrX:0-2,700,055	CN Loss	2700056	p22.33	-0.404881239	24	
VSCC7	chrX:61,686,735-62,569,812	CN Loss	883078	q11.1	-0.99558115	1	
VSCC8	chr1:11,134,279-11,319,365	CN Gain	185087	p36.22	0.537486196	5	
VSCC8	chr1:12,302,672-14,167,668	CN Gain	1864997	p36.22 - p36.21	0.447926849	61	
VSCC8	chr1:121,306,522-144,841,323	CN Loss	23534802	p11.2 - q21.1	-0.482486844	18	
VSCC8	chr1:158,153,799-159,718,034	CN Gain	1564236	q23.1 - q23.2	0.432827771	34	
VSCC8	chr1:162,467,647-163,310,129	CN Gain	842483	q23.3	0.419673756	9	
VSCC8	chr1:169,057,831-171,303,737	CN Gain	2245907	q24.2 - q24.3	0.42809169	29	<i>PMX1</i>
VSCC8	chr1:185,082,766-186,948,195	CN Gain	1865430	q25.3 - q31.1	0.509445578	15	<i>TPR</i>
VSCC8	chr1:196,250,021-197,668,338	CN Gain	1418318	q31.3	0.530859172	13	
VSCC8	chr1:200,522,411-200,842,533	CN Gain	320123	q32.1	0.513036907	5	
VSCC8	chr1:206,970,324-207,990,603	CN Gain	1020280	q32.1 - q32.2	0.353942901	19	
VSCC8	chr1:23,111,233-27,278,079	CN Gain	4166847	p36.12 - p36.11	0.333779126	94	<i>MDS2, ARID1A</i>
VSCC8	chr1:32,608,543-79,564,483	CN Gain	46955941	p35.1 - p31.1	0.4333148	495	<i>LCK, SFPQ, THRAP3, CSF3R, MYCL1, MPL, MUTYH, TAL1, SIL, CDKN2C, EPS15, JUN, JAK1, FUBP1</i>
VSCC8	chr1:7,797,405-8,075,484	CN Gain	278080	p36.23	0.593844593	7	<i>CAMTA1</i>
VSCC8	chr1:9,994,818-10,490,227	CN Gain	495410	p36.22	0.547806323	10	
VSCC8	chr10:130,004,602-135,534,747	CN Loss	5530146	q26.2 - q26.3	-0.687700629	48	
VSCC8	chr10:45,003,357-60,028,976	CN Loss	15025620	q11.21 - q21.1	-0.470913455	110	
VSCC8	chr10:70,978,549-74,518,238	CN Loss	3539690	q22.1	-0.551135421	42	<i>PRF1</i>
VSCC8	chr10:75,305,318-89,265,108	CN Loss	13959791	q22.2 - q23.2	-0.480700225	111	<i>MYST4, NUTM2B, BMPR1A, NUTM2A</i>
VSCC8	chr10:98,114,988-99,424,744	CN Loss	1309757	q24.1 - q24.2	-0.419951379	24	

VSCC8	chr10:99,424,744-99,623,823	CN Loss	199080	q24.2	-3.250168562	7	
VSCC8	chr10:99,623,823-105,495,635	CN Loss	5871813	q24.2 - q24.33	-0.440207064	103	<i>TLX1, NFKB2, SUFU, NT5C2</i>
VSCC8	chr11:0-4,120,989	CN Loss	4120990	p15.5 - p15.4	-0.718951523	131	<i>HRAS, CARS, NUP98</i>
VSCC8	chr11:102,206,872-103,194,617	CN Gain	987746	q22.2 - q22.3	0.368281081	17	<i>BIRC3</i>
VSCC8	chr11:17,393,887-17,793,659	CN Loss	399773	p15.1	-0.511385053	8	<i>MYOD1</i>
VSCC8	chr11:44,255,584-46,760,571	CN Loss	2504988	p11.2	-0.570005536	35	<i>EXT2, CREB3L1</i>
VSCC8	chr11:46,907,660-47,652,070	CN Loss	744411	p11.2	-0.498666793	23	<i>DDB2</i>
VSCC8	chr11:53,700,000-56,844,408	CN Gain	3144409	q11 - q12.1	0.358441174	55	
VSCC8	chr11:6,238,792-6,736,376	CN Loss	497585	p15.4	-0.466486365	18	
VSCC8	chr11:67,048,162-67,817,590	CN Loss	769429	q13.2	-0.336395353	37	
VSCC8	chr12:105,589,227-112,642,182	CN Loss	7052956	q23.3 - q24.13	-0.386114463	91	<i>SH2B3, ALDH2</i>
VSCC8	chr12:122,700,862-123,311,043	CN Gain	610182	q24.31	0.406535476	13	<i>CLIP1, ZCCHC8</i>
VSCC8	chr12:53,170,640-53,776,053	CN Loss	605414	q13.13	-0.501381457	25	
VSCC8	chr12:54,856,957-56,030,755	CN Gain	1173799	q13.13 - q13.2	0.374799341	26	
VSCC8	chr12:57,571,284-57,627,534	CN Loss	56251	q13.3	-0.309981883	4	
VSCC8	chr12:80,613,528-81,067,821	CN Gain	454294	q21.31	0.42046538	2	
VSCC8	chr12:9,640,558-11,286,095	CN Gain	1645538	p13.31 - p13.2	0.416156679	52	
VSCC8	chr12:97,337,343-100,594,580	CN Loss	3257238	q23.1	-0.326734424	22	
VSCC8	chr13:103,249,349-103,540,938	CN Gain	291590	q33.1	0.552395642	9	<i>ERCC5</i>
VSCC8	chr13:17,900,000-32,313,701	CN Loss	14413702	q11 - q13.1	-0.3355878	122	<i>ZNF198, CDX2, FLT3</i>
VSCC8	chr13:53,313,807-60,086,263	CN Loss	6772457	q14.3 - q21.2	-0.574762225	37	
VSCC8	chr13:66,164,988-80,372,830	CN Gain	14207843	q21.32 - q31.1	0.335808218	59	
VSCC8	chr14:20,201,981-23,012,133	CN Gain	2810153	q11.2	0.477636471	73	<i>CCNB1IP1</i>
VSCC8	chr14:24,004,218-30,862,866	CN Loss	6858649	q11.2 - q12	-0.526525199	64	
VSCC8	chr14:44,974,991-64,990,243	CN Gain	20015253	q21.2 - q23.3	0.324101686	152	<i>NIN, KTN1</i>
VSCC8	chr14:74,976,489-75,329,760	CN Gain	353272	q24.3	0.620976448	5	
VSCC8	chr15:0-19,000,000	CN Loss	19000001	p13 - q11.1	-2.035624027	0	
VSCC8	chr15:36,374,398-38,067,701	CN Loss	1693304	q14	-1.377360463	5	
VSCC8	chr15:38,067,701-42,445,793	CN Loss	4378093	q14 - q15.1	-0.484723881	74	<i>BUB1B, AF15Q14</i>
VSCC8	chr15:56,996,906-102,531,392	CN Loss	45534487	q21.3 - q26.3	-0.424666196	519	<i>TCF12, MAP2K1, PML, NTRK3, IDH2, CRTCS, BLM</i>

VSCC8	chr16:18,765,600-22,167,233	CN Gain	3401634	p12.3 - p12.2	0.307654679	53	
VSCC8	chr16:3,843,491-3,900,941	CN Loss	57451	p13.3	-3.30294776	1	<i>CREBBP</i>
VSCC8	chr16:36,600,000-46,509,789	CN Loss	9909790	q11.1 - q11.2	-1.317151845	1	
VSCC8	chr16:53,171,032-53,982,423	CN Gain	811392	q12.2	0.368092552	7	
VSCC8	chr16:79,058,359-81,508,489	CN Gain	2450131	q23.1 - q23.2	0.4999585	19	<i>MAF</i>
VSCC8	chr16:88,065,470-89,261,528	CN Loss	1196059	q24.2 - q24.3	-0.346934885	30	<i>CBFA2T3</i>
VSCC8	chr17:0-10,216,061	CN Loss	10216062	p13.3 - p13.1	-0.553010285	282	<i>YWHAE, USP6, RAB5EP, TP53, PER1, GAS7</i>
VSCC8	chr17:10,447,257-24,000,000	CN Loss	13552744	p13.1 - q11.1	-0.52374199	163	<i>MAP2K4, NCOR1, BHD, HCMOGT-1</i>
VSCC8	chr17:28,268,703-29,750,932	CN Gain	1482230	q11.2	0.361915648	25	<i>NF1</i>
VSCC8	chr17:33,585,829-34,036,298	CN Gain	450470	q12	0.395623505	11	
VSCC8	chr17:35,311,271-36,093,719	CN Gain	782449	q12	0.307636544	11	
VSCC8	chr17:38,786,307-39,183,368	CN Gain	397062	q21.2	0.365907282	18	<i>SMARCE1</i>
VSCC8	chr17:68,172,311-78,268,551	CN Loss	10096241	q24.3 - q25.3	-0.515944779	183	<i>H3F3B, SRSF2, MSF, CANTI</i>
VSCC8	chr17:78,393,377-81,195,210	CN Loss	2801834	q25.3	-0.651071668	87	<i>ASPSCRI</i>
VSCC8	chr18:0-7,045,758	CN Gain	7045759	p11.32 - p11.31	0.369873434	52	
VSCC8	chr18:28,563,813-29,497,541	CN Gain	933729	q12.1	0.638754547	14	
VSCC8	chr18:51,888,294-61,169,576	CN Loss	9281283	q21.2 - q21.33	-0.392397404	50	<i>MALT1, BCL2, FVT1</i>
VSCC8	chr18:61,169,576-61,674,854	CN Gain	505279	q21.33 - q22.1	0.561304033	11	
VSCC8	chr19:14,006,262-14,705,174	CN Loss	698913	p13.12	-0.718951911	28	
VSCC8	chr19:15,220,030-25,428,145	CN Loss	10208116	p13.12 - p11	-0.651071668	196	<i>BRD4, TPM4, JAK3, ELL, CRTCI</i>
VSCC8	chr19:36,831,440-38,405,258	CN Gain	1573819	q13.12 - q13.13	0.358441174	42	
VSCC8	chr19:4,231,114-4,254,365	CN Loss	23252	p13.3	-3.325130463	2	
VSCC8	chr19:44,306,440-45,209,131	CN Gain	902692	q13.31 - q13.32	0.444170967	31	
VSCC8	chr19:56,206,451-58,496,429	CN Gain	2289979	q13.42 - q13.43	0.304549903	75	
VSCC8	chr19:9,046,043-9,088,901	CN Gain	42859	p13.2	0.551521778	1	
VSCC8	chr2:140,992,438-141,986,710	CN Gain	994273	q22.1	0.507871807	2	
VSCC8	chr2:152,289,610-152,732,880	CN Gain	443271	q23.3	0.447928071	4	
VSCC8	chr2:160,087,109-171,260,754	CN Gain	11173646	q24.2 - q31.1	0.441346854	75	
VSCC8	chr2:178,326,688-201,357,873	CN Gain	23031186	q31.2 - q33.1	0.45120737	121	<i>PMS1, SF3B1</i>

VSCC8	chr2:202,625,760-203,620,248	CN Loss	994489	q33.1 - q33.2	-0.373211235	13	
VSCC8	chr2:21,224,889-21,365,890	CN Gain	141002	p24.1	0.623835295	2	
VSCC8	chr2:216,292,957-222,298,767	CN Loss	6005811	q35 - q36.1	-0.527425855	96	<i>FEV</i>
VSCC8	chr2:232,209,773-243,199,373	CN Loss	10989601	q37.1 - q37.3	-0.562427342	150	
VSCC8	chr2:3,698,900-3,699,006	CN Loss	107	p25.3	-3.32851541	0	
VSCC8	chr2:61,410,686-61,632,923	CN Gain	222238	p15	0.525976598	2	
VSCC8	chr2:73,585,122-74,160,637	CN Gain	575516	p13.1	0.32787545	11	
VSCC8	chr2:84,650,713-85,032,837	CN Gain	382125	p11.2	0.438044935	2	
VSCC8	chr20:0-5,897,515	CN Loss	5897516	p13 - p12.3	-0.406325325	114	
VSCC8	chr21:30,299,964-32,007,640	CN Gain	1707677	q21.3 - q22.11	0.455412582	40	
VSCC8	chr21:5,305-14,415,141	CN Loss	14409837	p13 - q11.2	-0.839703679	12	
VSCC8	chr22:19,504,400-21,080,676	CN Loss	1576277	q11.21	-0.358371943	42	<i>PNUTL1</i>
VSCC8	chr22:21,304,090-22,012,006	CN Loss	707917	q11.21	-0.383224308	31	
VSCC8	chr22:37,407,228-38,229,133	CN Loss	821906	q12.3 - q13.1	-0.367014408	26	
VSCC8	chr22:50,605,404-51,304,566	CN Loss	699163	q13.33	-0.443683416	31	
VSCC8	chr3:0-50,816,138	CN Loss	50816139	p26.3 - p21.2	-0.432415694	481	<i>SRGAP3, FANCD2, VHL, PPARG, RAF1, XPC, MLH1, MYD88, CTNNB1, SETD2, AF3p21, RHOA</i>
VSCC8	chr3:130,095,122-194,387,183	CN Gain	64292062	q22.1 - q29	0.538147181	461	<i>FOXL2, ATR, WWTR1, GMPS, MLF1, EVI1, MDS1, TBL1XR1, PIK3CA, SOX2, MAP3K13, ETV5, EIF4A2, BCL6, LPP</i>
VSCC8	chr3:195,753,929-198,022,430	CN Gain	2268502	q29	0.466567814	43	<i>TFRC</i>
VSCC8	chr3:51,497,186-55,989,124	CN Loss	4491939	p21.2 - p14.3	-0.513659567	79	<i>BAP1, PBRM1, CACNA1D</i>
VSCC8	chr3:57,494,886-91,000,000	CN Loss	33505115	p14.3 - q11.1	-0.401241913	117	<i>FHIT, MITF, FOXP1</i>
VSCC8	chr3:91,000,000-125,336,802	CN Gain	34336803	q11.1 - q21.2	0.58730644	227	<i>TFG, CBLB</i>
VSCC8	chr4:35,845,882-49,094,779	CN Gain	13248898	p14 - p11	0.357942045	84	<i>ARHH, PHOX2B</i>
VSCC8	chr4:50,400,000-57,897,321	CN Gain	7497322	q11 - q12	0.324610397	48	<i>FIP1L1, CHIC2, PDGFRA, KIT, KDR</i>
VSCC8	chr4:600,134-26,959,308	CN Loss	26359175	p16.3 - p15.2	-0.475353628	278	<i>FGFR3, WHSC1, SLC34A2</i>

VSCC8	chr4:62,383,038-130,057,086	CN Gain	67674049	q13.1 - q28.2	0.304549813	396	<i>MLLT2, RAP1GDS1, TET2, IL2</i>
VSCC8	chr5:0-48,400,000	CN Gain	48400001	p15.33 - q11.1	0.617644608	246	<i>TERT, IL7R, LIFR</i>
VSCC8	chr5:138,713,216-139,819,690	CN Loss	1106475	q31.2 - q31.3	-0.507292002	22	
VSCC8	chr5:139,819,690-140,980,944	CN Gain	1161255	q31.3	0.310752809	82	
VSCC8	chr5:146,963,895-148,619,279	CN Gain	1655385	q32	0.468104184	18	
VSCC8	chr5:159,781,989-161,711,935	CN Gain	1929947	q33.3 - q34	0.414682373	14	
VSCC8	chr5:68,830,607-70,759,851	CN Loss	1929245	q13.2	-0.641563058	29	
VSCC8	chr5:90,427,364-93,727,284	CN Loss	3299921	q14.3 - q15	-0.452449441	10	
VSCC8	chr6:116,720,369-117,900,178	CN Gain	1179810	q22.1	0.391494632	16	<i>ROS1, GOPC</i>
VSCC8	chr6:25,426,674-25,862,133	CN Gain	435460	p22.2	0.39587225	8	
VSCC8	chr6:28,614,497-33,541,701	CN Loss	4927205	p22.1 - p21.31	-0.526043236	248	<i>TRIM27, HLA-A, POU5F1, DAXX</i>
VSCC8	chr6:34,855,660-38,472,336	CN Loss	3616677	p21.31 - p21.2	-0.498666793	55	<i>FANCE, SFRS3, PIMI</i>
VSCC8	chr6:39,024,106-45,977,288	CN Loss	6953183	p21.2 - p21.1	-0.489655554	112	<i>TFEB, CCND3, HSPCB, NFKBIE</i>
VSCC8	chr6:50,504,412-55,439,836	CN Gain	4935425	p12.3 - p12.1	1.320263743	41	
VSCC8	chr6:55,439,836-61,000,000	CN Gain	5560165	p12.1 - q11.1	0.790145487	17	
VSCC8	chr7:100,646,273-100,704,976	CN Gain	58704	q22.1	0.338334128	3	
VSCC8	chr7:102,398,457-124,597,494	CN Gain	22199038	q22.1 - q31.33	0.355943859	125	<i>MET, POT1</i>
VSCC8	chr7:141,420,398-142,494,439	CN Gain	1074042	q34	0.415197432	18	
VSCC8	chr7:76,694,246-95,844,906	CN Gain	19150661	q11.23 - q21.3	0.383914784	99	<i>AKAP9, CDK6</i>
VSCC8	chr7:99,077,418-99,514,371	CN Gain	436954	q22.1	0.363406062	14	
VSCC8	chr8:145,907,841-146,364,022	CN Gain	456182	q24.3	0.467693657	14	
VSCC8	chr8:20,107,382-23,282,272	CN Loss	3174891	p21.3	-0.301283777	47	
VSCC8	chr8:30,652,291-31,078,635	CN Gain	426345	p12	0.302303836	4	<i>WRN</i>
VSCC8	chr8:45,600,000-86,517,166	CN Gain	40917167	q11.1 - q21.2	0.72952503	199	<i>TCEA1, PLAG1, CHCHD7, NCOA2, HEY1</i>
VSCC8	chr8:7,000,720-8,865,569	CN Loss	1864850	p23.1	-0.500475824	51	
VSCC8	chr8:87,007,082-142,200,349	CN Gain	55193268	q21.3 - q24.3	0.678871185	290	<i>NBS1, CBFA2T1, COX6C, UBR5, RSPO2, EIF3E, RAD21, EXT1, MYC, NDRG1</i>

VSCC8	chr9:123,687,500-123,928,477	CN Gain	240978	q33.2	0.448625922	3	<i>CEP1</i>
VSCC8	chr9:125,239,518-125,932,237	CN Gain	692720	q33.2 - q33.3	0.369333297	24	
VSCC8	chr9:127,064,106-130,475,149	CN Gain	3411044	q33.3 - q34.11	0.503139973	40	<i>PPP6C</i>
VSCC8	chr9:130,891,001-136,291,256	CN Gain	5400256	q34.11 - q34.2	0.407982662	119	<i>SET, ABL1, NUP214, TSC1, RALGDS</i>
VSCC8	chr9:37,861,428-47,341,644	CN Loss	9480217	p13.2 - p11.1	-0.509555101	65	
VSCC8	chr9:49,000,000-71,088,254	CN Loss	22088255	q11 - q21.11	-0.437605262	50	
VSCC8	chr9:8,565,392-12,694,113	CN Loss	4128722	p24.1 - p23	-0.504570469	5	
VSCC8	chr9:94,789,209-95,618,553	CN Gain	829345	q22.31	0.317173883	19	<i>OMD</i>
VSCC8	chrX:0-2,636,390	CN Loss	2636391	p22.33	-1.073499501	22	
VSCC8	chrX:152,612,516-153,880,363	CN Loss	1267848	q28	-0.425954953	69	<i>ATP2B3, RPL10</i>
VSCC8	chrX:2,636,390-10,102,495	CN Loss	7466106	p22.33 - p22.2	-0.370728344	36	
VSCC8	chrX:46,971,210-49,368,283	CN Loss	2397074	p11.23	-0.416105196	128	<i>SSX1, SSX4, WAS, GATA1, TFE3</i>
VSCC8	chrX:60,600,000-69,295,996	CN Loss	8695997	q11.1 - q13.1	-0.326335996	29	<i>AMER1, MSN</i>
VSCC8	chrX:86,924,259-99,663,523	CN Loss	12739265	q21.31 - q22.1	-0.406745285	16	
VSCC10	chr1:0-2,528,754	CN Gain	2528755	p36.33 - p36.32	0.373355895	109	<i>TNFRSF14</i>
VSCC10	chr1:101,756,411-107,600,216	CN Loss	5843806	p21.2 - p13.3	-0.382460415	21	
VSCC10	chr1:145,281,881-147,415,484	CN Gain	2133604	q21.1 - q21.2	0.648811758	43	<i>BCL9</i>
VSCC10	chr1:149,872,024-150,429,798	CN Gain	557775	q21.2 - q21.3	0.698648691	17	
VSCC10	chr1:15,367,061-24,684,257	CN Gain	9317197	p36.21 - p36.11	0.396006227	177	<i>SPEN, SDHB, PAX7, MDS2</i>
VSCC10	chr1:150,429,798-151,018,513	CN Gain	588716	q21.3	1.062147081	21	<i>ARNT</i>
VSCC10	chr1:151,018,513-151,316,295	CN Gain	297783	q21.3	0.800396085	18	
VSCC10	chr1:151,316,295-152,384,653	CN Gain	1068359	q21.3	1.107169807	32	
VSCC10	chr1:152,384,653-168,391,593	CN Gain	16006941	q21.3 - q24.2	0.592698157	368	<i>TPM3, LMNA, PRCC, NTRK1, IRTA1, SDHC, FCGR2B, PBX1</i>
VSCC10	chr1:169,080,673-170,513,974	CN Gain	1433302	q24.2	0.376719788	19	
VSCC10	chr1:171,729,789-176,564,427	CN Gain	4834639	q24.3 - q25.2	0.354901046	51	
VSCC10	chr1:26,131,703-29,644,267	CN Gain	3512565	p36.11 - p35.3	0.39083755	89	<i>ARID1A</i>
VSCC10	chr1:3,315,523-3,826,981	CN Gain	511459	p36.32	0.394162968	15	<i>PRDM16</i>
VSCC10	chr1:31,188,683-35,321,536	CN Gain	4132854	p35.2 - p34.3	0.399685651	75	<i>LCK</i>

VSCC10	chr1:35,908,628-47,840,969	CN Gain	11932342	p34.3 - p33	0.385653704	222	<i>THRAP3, CSF3R, MYCL1, MPL, MUTYH, TAL1, SIL</i>
VSCC10	chr1:5,922,826-6,783,071	CN Gain	860246	p36.31	0.417579919	23	<i>RPL22</i>
VSCC10	chr1:51,735,626-55,595,098	CN Gain	3859473	p32.3	0.337358147	65	<i>EPS15</i>
VSCC10	chr1:7,697,520-13,002,249	CN Gain	5304730	p36.23 - p36.21	0.378213257	101	<i>CAMTA1</i>
VSCC10	chr10:129,988,880-133,747,983	CN Loss	3759104	q26.2 - q26.3	-0.376768038	12	
VSCC10	chr10:65,369,977-68,685,994	CN Loss	3316018	q21.3	-0.424115151	7	
VSCC10	chr10:8,115,985-11,207,215	CN Loss	3091231	p14	-0.455679476	12	<i>GATA3</i>
VSCC10	chr11:36,659,471-43,421,530	CN Loss	6762060	p12	-0.451695979	11	
VSCC10	chr11:69,852,429-71,188,335	CN Gain	1335907	q13.3 - q13.4	0.319981351	15	
VSCC10	chr11:79,004,863-135,006,516	CN Loss	56001654	q14.1 - q25	-0.483876377	478	<i>PICALM, MAML2, BIRC3, ATM, DDX10, POU2AF1, SDHD, ZNF145, PAFAH1B2, PCSK7, MLL, DDX6, CBL, ARHGEF12, FLII, KCNJ5</i>
VSCC10	chr12:126,138,627-129,153,909	CN Loss	3015283	q24.32	-0.32387282	21	
VSCC10	chr12:59,307,724-62,029,417	CN Loss	2721694	q14.1	-0.411899358	2	<i>LRIG3</i>
VSCC10	chr13:27,914,044-31,631,980	CN Gain	3717937	q12.2 - q12.3	0.656828463	38	<i>CDX2, FLT3</i>
VSCC10	chr13:31,811,770-100,480,848	CN Loss	68669079	q12.3 - q32.3	-0.466356277	396	<i>BRCA2, LHFP, FOXO1A, LCPI, RBI</i>
VSCC10	chr14:22,386,737-23,018,568	CN Gain	631832	q11.2	0.47695303	0	
VSCC10	chr14:25,102,202-29,236,999	CN Loss	4134798	q12	-0.437183142	11	
VSCC10	chr14:39,871,615-44,973,973	CN Loss	5102359	q21.1 - q21.2	-0.476464689	4	
VSCC10	chr14:45,716,415-50,044,609	CN Loss	4328195	q21.2 - q21.3	-0.405425981	7	
VSCC10	chr14:81,993,158-88,651,992	CN Loss	6658835	q31.1 - q31.3	-0.445081115	13	
VSCC10	chr14:97,022,581-99,865,100	CN Loss	2842520	q32.2	-0.33581081	9	<i>BCL11B</i>
VSCC10	chr16:5,375,115-7,568,139	CN Loss	2193025	p13.3	-0.365559548	3	
VSCC10	chr16:58,753,200-66,416,177	CN Loss	7662978	q21	-0.428025499	10	<i>CDH11</i>
VSCC10	chr16:70,885,796-71,218,800	CN Gain	333005	q22.2	0.381565005	1	
VSCC10	chr17:12,920,325-15,138,624	CN Loss	2218300	p12	-0.354403272	12	
VSCC10	chr18:18,512,274-24,496,886	CN Gain	5984613	q11.1 - q11.2	0.30358389	43	<i>ZNF521, SS18</i>
VSCC10	chr18:28,576,952-29,206,224	CN Gain	629273	q12.1	0.409938335	12	

VSCC10	chr2:103,389,394-105,838,385	CN Loss	2448992	q12.1	-0.420866728	15	
VSCC10	chr2:114,684,885-118,579,675	CN Loss	3894791	q14.1	-0.43849647	7	
VSCC10	chr2:122,598,540-127,805,946	CN Loss	5207407	q14.3	-0.444464892	4	
VSCC10	chr2:128,964,485-130,897,143	CN Loss	1932659	q14.3 - q21.1	-0.34764421	11	
VSCC10	chr2:192,746,283-196,545,022	CN Loss	3798740	q32.3	-0.521702945	5	
VSCC10	chr2:21,363,570-23,729,864	CN Loss	2366295	p24.1	-0.424115151	4	
VSCC10	chr2:3,932,823-6,989,820	CN Loss	3056998	p25.3 - p25.2	-0.451725841	15	
VSCC10	chr2:33,812,290-36,668,484	CN Loss	2856195	p22.3 - p22.2	-0.353257194	8	
VSCC10	chr2:56,324,464-60,614,607	CN Loss	4290144	p16.1	-0.378663808	8	
VSCC10	chr21:0-13,200,000	CN Loss	13200001	p13 - q11.1	-0.315157145	11	
VSCC10	chr21:19,775,921-26,818,133	CN Loss	7042213	q21.1 - q21.3	-0.465017349	15	
VSCC10	chr22:47,393,544-50,181,221	CN Loss	2787678	q13.31 - q13.33	-0.347483844	13	
VSCC10	chr3:121,615,221-129,324,157	CN Gain	7708937	q13.33 - q22.1	0.366227999	107	<i>GATA2, RPN1, ZNF9</i>
VSCC10	chr3:150,931,313-151,184,758	CN Gain	253446	q25.1	0.375973642	6	
VSCC10	chr3:182,923,848-198,022,430	CN Gain	15098583	q27.1 - q29	0.374852464	200	<i>MAP3K13, ETV5, EIF4A2, BCL6, LPP, TFRC</i>
VSCC10	chr3:78,766,895-87,294,934	CN Loss	8528040	p12.3 - p11.2	-0.455679476	15	
VSCC10	chr4:129,793,410-138,355,310	CN Loss	8561901	q28.2 - q28.3	-0.480494529	11	
VSCC10	chr4:160,279,336-164,246,412	CN Loss	3967077	q32.1 - q32.2	-0.461008012	6	
VSCC10	chr4:178,903,182-182,657,153	CN Loss	3753972	q34.3	-0.57664603	2	
VSCC10	chr4:187,630,720-191,154,276	CN Loss	3523557	q35.2	-0.315161675	13	<i>DUX4</i>
VSCC10	chr4:27,158,570-36,069,797	CN Loss	8911228	p15.2 - p14	-0.505735815	9	
VSCC10	chr4:58,017,383-68,534,123	CN Loss	10516741	q12 - q13.2	-0.36112307	17	
VSCC10	chr5:115,833,153-118,329,077	CN Loss	2495925	q23.1	-0.418274283	12	
VSCC10	chr5:150,761,902-153,677,475	CN Loss	2915574	q33.1 - q33.2	-0.471725076	16	
VSCC10	chr5:154,396,976-156,343,537	CN Loss	1946562	q33.2 - q33.3	-0.323254958	3	
VSCC10	chr5:31,791,014-32,344,790	CN Gain	553777	p13.3	0.324637741	4	
VSCC10	chr5:82,948,601-89,692,301	CN Loss	6743701	q14.3	-0.375509143	22	
VSCC10	chr6:112,750,465-116,277,726	CN Loss	3527262	q21 - q22.1	-0.350133121	9	
VSCC10	chr6:139,699,131-142,376,118	CN Loss	2676988	q24.1	-0.489310265	6	
VSCC10	chr6:161,587,243-165,683,968	CN Loss	4096726	q26 - q27	-0.324839681	12	
VSCC10	chr6:57,061,712-61,000,000	CN Loss	3938289	p11.2 - q11.1	-0.35180673	7	

VSCC10	chr6:64,776,188-70,639,487	CN Loss	5863300	q12 - q13	-0.357415453	9	
VSCC10	chr7:116,436,110-128,482,247	CN Loss	12046138	q31.2 - q32.1	-0.496132165	78	<i>MET, POT1, SND1</i>
VSCC10	chr7:128,620,009-159,138,663	CN Loss	30518655	q32.1 - q36.3	-0.471052498	302	<i>SMO, CREB3L2, TIF1, KIAA1549, BRAF, FAM131B, EZH2, MLL3, HLXB9</i>
VSCC10	chr7:51,327,316-54,537,517	CN Loss	3210202	p12.1 - p11.2	-0.418920934	5	
VSCC10	chr7:66,785,310-70,016,975	CN Loss	3231666	q11.21 - q11.22	-0.32792519	5	
VSCC10	chr8:110,993,973-116,426,596	CN Loss	5432624	q23.2 - q23.3	-0.359249711	5	
VSCC10	chr8:13,425,048-16,822,563	CN Loss	3397516	p22	-0.323625803	7	
VSCC10	chr8:3,363,759-6,269,592	CN Loss	2905834	p23.2 - p23.1	-0.43849647	3	
VSCC10	chr9:104,449,253-107,266,689	CN Loss	2817437	q31.1	-0.374980226	9	
VSCC10	chr9:22,490,487-26,892,673	CN Loss	4402187	p21.3 - p21.2	-0.456878424	8	
VSCC10	chr9:28,024,292-32,408,588	CN Loss	4384297	p21.1	-0.536343813	6	
VSCC10	chr9:8,771,303-12,584,997	CN Loss	3813695	p24.1 - p23	-0.539158821	4	
VSCC10	chrX:2,772,073-3,248,262	CN Gain	476190	p22.33	0.315707684	8	
VSCC11	chr10:99,426,251-99,473,736	CN Loss	47486	q24.2	-1.548941076	3	
VSCC11	chr11:56,756,994-59,855,654	CN Gain	3098661	q12.1	0.400303394	71	<i>HEAB</i>
VSCC11	chr11:60,511,295-62,814,698	CN Gain	2303404	q12.2 - q12.3	0.48749423	99	<i>SDH5</i>
VSCC11	chr11:63,531,077-76,944,148	CN Gain	13413072	q13.1 - q13.5	0.541085452	330	<i>MEN1, MALAT1, CCND1, NUMA1</i>
VSCC11	chr11:77,849,369-79,558,699	CN Gain	1709331	q14.1	0.53633821	11	
VSCC11	chr12:102,869,436-110,449,742	CN Gain	7580307	q23.2 - q24.11	0.31833756	83	
VSCC11	chr12:112,578,789-118,199,167	CN Gain	5620379	q24.13 - q24.23	0.375006199	45	<i>PTPN11, TBX3</i>
VSCC11	chr12:120,112,178-122,701,019	CN Gain	2588842	q24.23 - q24.31	0.409423172	57	<i>TCF1, BCL7A</i>
VSCC11	chr12:123,110,706-123,489,856	CN Gain	379151	q24.31	0.540137291	12	
VSCC11	chr12:124,413,964-133,438,098	CN Gain	9024135	q24.31 - q24.33	0.434893489	73	<i>POLE</i>
VSCC11	chr12:6,923,838-7,083,764	CN Gain	159927	p13.31	0.386130393	22	
VSCC11	chr14:30,046,370-51,370,700	CN Loss	21324331	q12 - q22.1	-0.320721745	110	<i>NKX2-1, FOXA1, NIN</i>
VSCC11	chr14:52,793,959-59,111,930	CN Loss	6317972	q22.1 - q23.1	-0.322014362	50	<i>KTN1</i>
VSCC11	chr14:88,951,380-89,360,972	CN Loss	409593	q31.3	-0.385909557	4	
VSCC11	chr14:91,890,819-92,627,967	CN Loss	737149	q32.11 - q32.12	-0.441957369	8	<i>TRIP11</i>

VSCC11	chr15:41,030,529-41,275,925	CN Gain	245397	q15.1	0.424660087	13	
VSCC11	chr15:42,059,060-42,458,341	CN Gain	399282	q15.1	0.479602545	15	
VSCC11	chr15:42,966,549-43,044,250	CN Gain	77702	q15.2	0.348925874	3	
VSCC11	chr15:45,396,314-45,554,201	CN Gain	157888	q21.1	0.339475334	7	
VSCC11	chr15:73,615,099-75,668,079	CN Gain	2052981	q24.1 - q24.2	0.360039234	51	<i>PML</i>
VSCC11	chr15:89,858,387-90,785,164	CN Gain	926778	q26.1	0.358426392	26	<i>IDH2</i>
VSCC11	chr15:91,376,291-91,512,587	CN Gain	136297	q26.1	0.443038613	8	
VSCC11	chr16:1,812,629-2,288,318	CN Gain	475690	p13.3	0.302208558	47	<i>TSC2, TRAF7</i>
VSCC11	chr16:570,277-776,143	CN Gain	205867	p13.3	0.372343302	24	
VSCC11	chr17:10,243,497-10,533,282	CN Loss	289786	p13.1	-0.368889034	7	
VSCC11	chr17:17,277,536-22,204,731	CN Gain	4927196	p11.2 - p11.1	0.467683464	91	<i>HCMOGT-1</i>
VSCC11	chr17:37,708,241-37,921,906	CN Gain	213666	q12	0.363795549	11	<i>ERBB2</i>
VSCC11	chr17:39,458,065-39,711,291	CN Gain	253227	q21.2	0.399000928	18	
VSCC11	chr17:4,937,337-5,321,742	CN Loss	384406	p13.2	-0.394511715	10	<i>USP6, RAB5EP</i>
VSCC11	chr17:48,046,898-48,773,377	CN Gain	726480	q21.33	0.344365746	28	<i>COL1A1</i>
VSCC11	chr17:73,481,632-73,922,769	CN Gain	441138	q25.1	0.434893489	21	<i>H3F3B</i>
VSCC11	chr17:79,009,082-80,403,812	CN Gain	1394731	q25.3	0.398214906	68	<i>ASPSCR1</i>
VSCC11	chr18:65,178,835-67,871,330	CN Loss	2692496	q22.1 - q22.2	-0.392231509	8	
VSCC11	chr19:11,725,564-12,757,338	CN Loss	1031775	p13.2	-0.449937567	30	
VSCC11	chr19:19,790,001-26,500,000	CN Loss	6710000	p13.11 - q11	-0.487635314	53	
VSCC11	chr19:36,673,350-38,383,324	CN Loss	1709975	q13.12 - q13.13	-0.496364266	45	
VSCC11	chr19:4,218,205-4,249,251	CN Loss	31047	p13.3	-1.386810899	3	
VSCC11	chr19:40,486,604-40,602,988	CN Loss	116385	q13.2	-0.493938252	4	
VSCC11	chr19:42,933,033-43,787,780	CN Loss	854748	q13.2 - q13.31	-0.344166607	17	
VSCC11	chr19:44,311,973-45,004,020	CN Loss	692048	q13.31	-0.415037513	24	
VSCC11	chr19:48,346,096-48,613,648	CN Loss	267553	q13.33	-0.40552488	36	
VSCC11	chr19:52,327,884-54,265,709	CN Loss	1937826	q13.41 - q13.42	-0.513982177	109	<i>PPP2R1A, ZNF331</i>
VSCC11	chr19:56,206,264-58,773,455	CN Loss	2567192	q13.42 - q13.43	-0.327628762	82	
VSCC11	chr19:6,760,752-7,504,484	CN Loss	743733	p13.3 - p13.2	-0.345918506	12	
VSCC11	chr19:9,296,740-9,921,942	CN Loss	625203	p13.2	-0.466517657	17	
VSCC11	chr2:108,624,919-109,513,263	CN Loss	888345	q12.3	-0.365331233	13	<i>RANBP2</i>
VSCC11	chr2:135,738,410-159,201,743	CN Loss	23463334	q21.3 - q24.1	-0.301471338	74	<i>ACVR1</i>

VSCC11	chr2:165,935,987-168,115,658	CN Loss	2179672	q24.3	-0.379166991	14	
VSCC11	chr2:170,099,419-171,034,678	CN Loss	935260	q31.1	-0.402677998	14	
VSCC11	chr2:179,472,837-204,594,335	CN Loss	25121499	q31.2 - q33.2	-0.329360664	152	<i>PMS1, SF3B1, CASP8</i>
VSCC11	chr2:219,294,583-219,498,830	CN Loss	204248	q35	-0.310422868	4	
VSCC11	chr2:26,677,438-27,606,755	CN Gain	929318	p23.3	0.314183533	34	
VSCC11	chr2:3,660,866-3,726,133	CN Loss	65268	p25.3	-1.40144968	2	
VSCC11	chr2:73,053,138-73,519,705	CN Gain	466568	p13.2 - p13.1	0.37206763	11	
VSCC11	chr2:74,641,646-74,786,198	CN Gain	144553	p13.1	0.422156185	20	
VSCC11	chr2:85,270,782-86,337,955	CN Gain	1067174	p11.2	0.307790026	27	
VSCC11	chr2:99,232,615-100,880,630	CN Loss	1648016	q11.2	-0.34723711	16	<i>LAF4</i>
VSCC11	chr20:21,367,600-25,288,845	CN Gain	3921246	p11.22 - p11.21	0.314181849	43	
VSCC11	chr20:256,628-3,835,158	CN Gain	3578531	p13	0.318614095	84	
VSCC11	chr20:44,437,348-45,005,288	CN Gain	567941	q13.12	0.371003494	20	
VSCC11	chr20:60,861,690-62,804,972	CN Gain	1943283	q13.33	0.449113131	96	
VSCC11	chr21:0-13,200,000	CN Loss	13200001	p13 - q11.1	-0.308304757	11	
VSCC11	chr21:14,353,774-42,900,089	CN Loss	28546316	q11.2 - q22.3	-0.307859853	230	<i>OLIG2, RUNX1, ERG, TMPRSS2</i>
VSCC11	chr22:38,864,282-39,096,046	CN Loss	231765	q13.1	-0.343291461	8	
VSCC11	chr22:41,078,120-41,572,274	CN Loss	494155	q13.2	-0.366828859	10	<i>EP300</i>
VSCC11	chr3:10,012,138-10,283,964	CN Loss	271827	p25.3	-0.352066994	9	<i>FANCD2, VHL</i>
VSCC11	chr3:44,284,936-44,888,026	CN Loss	603091	p21.31	-0.360461727	15	
VSCC11	chr3:49,949,001-50,191,322	CN Loss	242322	p21.31	-0.36710903	5	
VSCC11	chr3:50,683,675-51,696,851	CN Loss	1013177	p21.2	-0.301896274	7	
VSCC11	chr3:52,598,091-52,802,266	CN Loss	204176	p21.1	-0.352947757	10	<i>PBRM1</i>
VSCC11	chr4:187,584,554-189,660,328	CN Loss	2075775	q35.2	-0.328494459	7	
VSCC11	chr4:515,553-1,843,368	CN Gain	1327816	p16.3	0.362186909	32	<i>FGFR3</i>
VSCC11	chr5:13,721,225-13,913,884	CN Loss	192660	p15.2	-0.398128048	1	
VSCC11	chr5:16,760,286-31,908,861	CN Loss	15148576	p15.1 - p13.3	-0.300197005	30	
VSCC11	chr5:3,922,917-4,886,417	CN Loss	963501	p15.33 - p15.32	-0.303597569	1	
VSCC11	chr5:34,065,542-50,128,478	CN Loss	16062937	p13.2 - q11.1	-0.336309254	88	<i>IL7R, LIFR</i>

VSCC11	chr5:58,120,976-180,915,260	CN Loss	122794285	q11.2 - q35.3	-0.485702693	969	<i>PIK3R1, APC, FACL6, AF5q31, GRAF, PDGFRB, CD74, ITK, EBF1, PWWP2A, RANBP17, TLX3, NPM1, FGFR4, NSD1</i>
VSCC11	chr7:100,694,826-100,895,121	CN Gain	200296	q22.1	0.347627729	12	
VSCC11	chr7:127,222,156-128,595,416	CN Gain	1373261	q32.1	0.334288001	28	<i>SND1</i>
VSCC11	chr7:142,020,701-142,609,843	CN Gain	589143	q34	0.374207109	6	
VSCC11	chr7:143,036,686-143,175,375	CN Gain	138690	q34 - q35	0.402396619	9	<i>FAM131B</i>
VSCC11	chr7:148,761,980-150,163,957	CN Gain	1401978	q36.1	0.376069337	25	
VSCC11	chr7:150,644,933-150,939,946	CN Gain	295014	q36.1	0.390345618	17	
VSCC11	chr7:27,133,930-27,358,633	CN Gain	224704	p15.2	0.457420334	21	<i>HOXA9, HOXA11, HOXA13</i>
VSCC11	chr7:30,671,113-31,146,266	CN Gain	475154	p14.3	0.30528143	8	
VSCC11	chr7:5,256,327-5,692,158	CN Gain	435832	p22.1	0.304000333	9	
VSCC11	chr7:766,289-2,771,308	CN Gain	2005020	p22.3	0.353285849	41	
VSCC11	chr8:142,148,090-142,489,103	CN Gain	341014	q24.3	0.422042713	7	
VSCC11	chr8:144,332,297-145,773,652	CN Gain	1441356	q24.3	0.487002254	84	<i>RECQL4</i>
VSCC11	chr9:12,770,320-14,740,092	CN Gain	1969773	p23 - p22.3	3.289883375	10	<i>NFIB</i>
VSCC11	chr9:32,973,437-37,282,324	CN Gain	4308888	p21.1 - p13.2	0.707847327	101	<i>FANCG, PAX5</i>
VSCC11	chrX:0-2,616,478	CN Loss	2616479	p22.33	-0.465565056	22	
VSCC11	chrX:61,683,471-155,270,560	CN Gain	93587090	q11.1 - q28	0.419513106	850	<i>AMER1, MSN, FOXO4, MED12, NONO, ATRX, SEPT6, STAG2, ELF4, GPC3, PHF6, ATP2B3, RPL10, MTCPI</i>
VSCC12	chr12:0-6,666,392	CN Gain	6666393	p13.33 - p13.31	0.340522289	81	<i>KDM5A, ERC1, CCND2</i>
VSCC12	chr15:90,018,284-102,531,392	CN Loss	12513109	q26.1 - q26.3	-0.385090649	120	<i>IDH2, CRTC3, BLM</i>
VSCC12	chr17:17,183,992-18,183,863	CN Gain	999872	p11.2	0.326389655	23	
VSCC12	chr17:25,877,628-26,219,451	CN Gain	341824	q11.2	0.401532143	4	
VSCC12	chr17:67,047,209-67,272,652	CN Gain	225444	q24.2 - q24.3	0.35693942	7	
VSCC12	chr2:183,129,087-210,418,522	CN Loss	27289436	q32.1 - q34	-0.428601593	179	<i>PMS1, SF3B1, CASP8, CREB1, IDH1</i>

VSCC12	chr2:240,061,289-243,199,373	CN Loss	3138085	q37.3	-0.327878326	52	
VSCC12	chr3:36,484,857-39,238,722	CN Gain	2753866	p22.3 - p22.2	0.321927413	33	<i>MLH1, MYD88</i>
VSCC12	chr3:42,699,877-52,558,032	CN Gain	9858156	p22.1 - p21.1	0.32945013	242	<i>SETD2, AF3p21, RHOA, BAP1</i>
VSCC12	chr3:8,485,460-14,974,704	CN Gain	6489245	p26.1 - p25.1	0.320530802	90	<i>SRGAP3, FANCD2, VHL, PPARG, RAF1, XPC</i>
VSCC12	chr4:187,208,837-190,386,636	CN Loss	3177800	q35.2	-0.880767584	10	
VSCC12	chr7:0-5,715,711	CN Gain	5715712	p22.3 - p22.1	0.408914357	75	<i>CARD11</i>
VSCC12	chr7:100,823,775-159,138,663	CN Loss	58314889	q22.1 - q36.3	-0.410853744	496	<i>CUX1, MET, POT1, SND1, SMO, CREB3L2, TIF1, KIAA1549, BRAF, FAM131B, EZH2, MLL3, HLXB9</i>
VSCC12	chr7:16,131,179-48,567,889	CN Gain	32436711	p21.2 - p12.3	0.315489352	268	<i>HNRNPA2B1, HOXA9, HOXA11, HOXA13, JAZF1</i>
VSCC12	chr7:62,491,692-100,552,761	CN Loss	38061070	q11.21 - q22.1	-0.421102196	388	<i>SBDS, ELN, HIP1, AKAP9, CDK6, TRRAP</i>
VSCC12	chr8:0-948,015	CN Loss	948016	p23.3	-0.376906425	9	
VSCC12	chr8:10,677,787-43,528,212	CN Loss	32850426	p23.1 - p11.1	-0.407145023	286	<i>PCM1, WRN, NRG1, WHSC1L1, FGFR1, RUNXBP2, HOOK3</i>
VSCC12	chr8:141,542,615-146,364,022	CN Gain	4821408	q24.3	0.434200272	132	<i>RECQL4</i>
VSCC12	chr8:2,048,668-9,898,501	CN Loss	7849834	p23.3 - p23.1	-0.403448462	92	
VSCC12	chr9:0-8,853,488	CN Gain	8853489	p24.3 - p24.1	0.711036384	56	<i>JAK2, CD274, CD273</i>
VSCC12	chrX:61,682,613-62,944,484	CN Loss	1261872	q11.1	-0.817867696	4	
VSCC13	chr12:107,771,002-110,341,830	CN Loss	2570829	q23.3 - q24.11	-0.403063297	38	
VSCC13	chr14:22,192,380-23,069,987	CN Gain	877608	q11.2	0.33545205	2	
VSCC13	chr7:54,813,554-55,779,521	CN Gain	965968	p11.2	0.410039425	8	<i>EGFR</i>
VSCC13	chr7:6,949,539-50,769,721	CN Gain	43820183	p22.1 - p12.1	0.402844205	306	<i>ETV1, HNRNPA2B1, HOXA9, HOXA11, HOXA13, JAZF1</i>
VSCC14	chr11:36,614,704-43,343,589	CN Gain	6728886	p12	0.380456463	11	

VSCC14	chr13:79,191,202-95,095,722	CN Gain	15904521	q31.1 - q32.1	0.308909148	54
VSCC14	chr16:58,633,214-64,896,175	CN Gain	6262962	q21	0.303581849	8
VSCC14	chr17:80,193,987-80,844,431	CN Loss	650445	q25.3	-0.410498381	21
VSCC14	chr4:130,126,518-138,083,992	CN Gain	7957475	q28.2 - q28.3	0.408628345	7
VSCC14	chr5:17,229,524-31,299,935	CN Gain	14070412	p15.1 - p13.3	0.324880958	25

CN Gain: copy number gain, CN Loss: copy number loss

* UCSC GRCh37/hg19

** Cancer-related genes are extracted from Cancer Gene Census (<http://cancer.sanger.ac.uk/census>) and genes previously reported in vulvar SCCs.