

KA II:1

Type	Chr	Cytoband	Start	Stop	#Probes	Amplification/Deletion Score	pval	Gene Names
Deletion	chr1	p36.22	9,769,722	9,776,962	4	-0.857395	6.48E-13	CLSTN1
Amplification	chr1	p36.13	17,080,364	17,148,651	13	0.974746	1.72E-31	CROCC
Amplification	chr1	p34.3	37,692,387	37,696,262	3	1.152843	2.88E-14	
Amplification	chr1	p22.3	86,852,848	86,857,814	3	1.354913	2.18E-18	
Deletion	chr1	p22.3	86,872,379	86,878,386	4	-0.949745	5.10E-13	CLCA3P
Deletion	chr1	p13.3	108,535,814	108,538,721	3	-0.980607	1.84E-11	SLC25A24
Amplification	chr1	p13.3	110,033,018	110,039,447	3	2.851847	2.58E-32	GSTM1
Amplification	chr1	q21.1	147,446,584	147,644,890	12	0.474119	5.61E-11	LOC388692, FCGR1C
Amplification	chr1	q21.3	151,028,700	151,036,494	4	0.855373	9.19E-12	LCE1D
Amplification	chr1	q25.2	177,596,757	177,599,656	3	1.156067	1.79E-13	
Amplification	chr1	q25.3	179,017,844	179,021,893	3	0.913388	2.62E-10	XPR1
Amplification	chr1	q25.3	181,431,556	181,435,403	3	1.237696	1.28E-14	LAMC2
Deletion	chr1	q31.3	195,009,358	195,065,925	9	-0.939988	6.47E-22	CFHR3, CFHR1
Deletion	chr1	q31.3	196,572,806	196,576,263	3	-1.046282	6.76E-13	
Amplification	chr1	q41	219,120,336	219,123,019	3	0.933821	4.00E-10	HLX
Deletion	chr2	p25.3	197,916	206,851	6	-0.902341	1.13E-19	
Amplification	chr2	p22.3	34,551,222	34,590,056	18	3.569027	9.06E-193	
Deletion	chr2	p22.2	37,803,744	37,858,438	25	-0.515604	1.39E-23	
Amplification	chr2	p22.1	41,092,989	41,101,699	5	1.164281	1.63E-18	
Amplification	chr2	p16.3	52,604,016	52,635,754	5	3.354053	5.51E-67	
Amplification	chr2	p11.2	88,967,005	88,972,914	4	0.931283	1.45E-13	
Amplification	chr2	q13	112,750,646	112,764,948	5	1.085985	1.80E-14	ZC3H6
Amplification	chr2	q24.1	155,527,714	155,535,770	3	0.997467	5.81E-12	
Deletion	chr2	q31.2	180,121,271	180,129,739	6	-0.973031	4.28E-19	ZNF385B
Deletion	chr3	p22.2	37,954,819	37,961,169	6	-0.720731	8.07E-13	CTDSPL
Amplification	chr3	p12.3	75,850,223	75,875,963	10	0.634342	1.19E-13	ZNF717
Amplification	chr3	q24	148,577,529	148,623,222	24	0.344413	1.72E-11	ZIC4, ZIC1
Amplification	chr3	q26.1	163,997,228	164,108,010	28	3.319299	2.94E-282	
Amplification	chr3	q29	196,835,413	196,929,885	21	0.599503	1.85E-27	SDHAP2, MIR570
Deletion	chr3	q29	196,943,380	196,952,558	5	-0.81752	2.80E-12	MUC20
Deletion	chr4	p16.1	9,821,327	9,842,703	4	-4.494194	6.51E-48	
Amplification	chr4	p15.1	34,457,648	34,491,174	6	0.955737	5.55E-20	
Deletion	chr4	q13.2	69,069,651	69,165,872	14	-3.88975	1.48E-149	UGT2B17
Amplification	chr4	q13.2	70,190,682	70,294,371	5	0.903128	6.64E-13	UGT2B28
Deletion	chr4	q26	119,345,371	119,348,888	3	-1.203823	4.50E-13	NDST3
Amplification	chr4	q35.2	190,708,316	190,975,780	83	0.292446	1.90E-18	
Deletion	chr5	q13.3	75,647,535	75,696,084	19	-0.455983	6.71E-15	SV2C
Amplification	chr5	q31.2	137,836,466	137,842,166	3	0.947127	5.90E-11	
Amplification	chr6	p25.3	236,535	326,382	48	0.491768	8.22E-36	DUSP22
Amplification	chr6	p21.33	29,962,849	30,010,293	15	0.938043	3.24E-36	HLA-H, HCG2P7, HCG4P6

Deletion	chr6	p21.33	31,387,708	31,418,065	6	-0.939045	3.57E-20	
Deletion	chr6	p21.32	32,563,252	32,601,021	9	-2.56787	4.49E-63	HLA-DRB5
Deletion	chr6	p21.32	32,613,538	32,799,320	70	-0.3842	1.74E-39	HLA-DRB6, HLA-DRB1, HLA-DQA1, HLA-DQB1
Deletion	chr6	p21.32	32,629,848	32,633,740	3	-3.24443	6.21E-26	HLA-DRB6
Amplification	chr6	p12.1	54,037,199	54,042,793	3	3.512882	5.05E-35	C6orf142
Amplification	chr6	p12.1	55,934,816	55,946,682	4	1.15537	5.84E-20	
Amplification	chr6	q14.1	79,024,557	79,091,909	13	0.975752	2.96E-43	
Amplification	chr6	q23.2	132,749,309	132,752,540	3	0.977115	1.50E-11	MOXD1
Deletion	chr6	q23.2	134,631,701	134,635,838	4	-0.985116	1.11E-13	SGK1
Amplification	chr6	q25.2	155,160,734	155,163,954	3	0.997535	5.79E-12	RBM16
Amplification	chr7	p15.2	27,102,021	27,260,366	114	0.269436	1.96E-22	HOXA1, HOXA2, HOXA3, HOXA4, HOXA5, HOXA6, HOXA7, HOXA9, MIR196B, HOXA10, HOXA11, HOXA11AS, HOXA13, EVX1
Deletion	chr7	p14.1	38,257,171	38,323,384	33	-0.45398	9.28E-28	TARP
Amplification	chr7	q11.22	70,071,668	70,129,931	12	0.656219	1.34E-16	
Deletion	chr7	q21.11	86,073,120	86,079,755	3	-1.141754	1.56E-12	
Deletion	chr7	q22.2	104,979,296	104,982,805	3	-1.133854	3.28E-11	RINT1
Amplification	chr7	q31.1	109,230,336	109,240,269	5	0.913638	1.03E-13	
Deletion	chr7	q34	141,698,634	141,714,227	10	-5.416792	9.46E-151	
Deletion	chr7	q34	142,156,165	142,167,957	6	-2.617756	3.44E-67	TRY6
Amplification	chr7	q35	143,056,351	143,097,065	8	0.562749	2.70E-10	FAM115C, CTAGE6P
Deletion	chr7	q35	143,370,088	143,373,806	3	-1.029263	2.44E-12	
Amplification	chr7	q36.3	156,485,711	156,490,539	3	2.062356	1.57E-24	MNX1
Amplification	chr8	p21.2	25,030,003	25,039,429	3	1.181869	7.16E-15	
Amplification	chr8	p11.23 - p11.22	39,352,361	39,505,315	59	2.990799	NA	ADAM5P, ADAM3A
Amplification	chr8	p11.23	39,392,694	39,401,700	4	1.4241	7.23E-15	
Amplification	chr8	q11.22	51,193,977	51,200,350	4	0.988615	4.04E-15	SNTG1
Deletion	chr8	q22.2	99,761,772	99,775,516	7	-0.610457	2.66E-10	STK3
Deletion	chr8	q22.3	102,054,655	102,062,053	4	-0.97126	8.03E-13	
Amplification	chr9	p24.1	6,692,831	6,698,349	3	1.315319	5.22E-15	
Deletion	chr9	p21.3	23,343,915	23,377,719	5	-0.749504	6.12E-11	
Amplification	chr9	p21.1	28,173,829	28,190,787	9	0.577611	6.25E-12	LINGO2
Deletion	chr9	q21.13	77,194,207	77,200,885	3	-1.065383	3.66E-13	
Amplification	chr10	p11.23	31,287,101	31,291,584	3	4.588174	1.32E-57	ZNF438
Amplification	chr10	q11.23	52,218,804	52,238,160	8	0.668507	7.21E-14	A1CF
Amplification	chr10	q22.3	77,926,390	77,928,797	3	1.668164	8.80E-12	C10orf11
Deletion	chr11	p15.4	5,742,476	5,765,497	15	-1.067818	1.89E-55	OR52N5
Deletion	chr11	p15.4	7,750,215	7,798,052	14	-0.856582	3.06E-30	OR5P2
Amplification	chr11	p15.1	18,906,505	18,917,242	6	0.800579	5.98E-14	MRGPRX1
Amplification	chr11	q11	55,123,719	55,207,364	38	0.964514	2.61E-116	OR4C11, OR4P4, OR4S2, OR4C6
Amplification	chr11	q22.1	98,271,459	98,311,618	19	1.003118	2.02E-58	

Deletion	chr12	p13.33	738,240	743,282	4	-1.07655	1.10E-14	WNK1
Amplification	chr12	p13.31	9,528,590	9,610,113	16	0.578461	5.83E-19	
Amplification	chr12	p13.2	11,116,883	11,140,477	8	0.831101	2.29E-18	PRR4, PRH1, TAS2R43
Deletion	chr12	q12	41,307,749	41,312,537	3	-0.967625	6.77E-11	
Deletion	chr13	q13.3	36,969,571	36,982,936	3	-1.069042	5.91E-12	
Amplification	chr13	q14.11	42,497,481	42,504,644	5	1.539459	9.34E-41	DNAJC15
Amplification	chr14	q11.1 - q11.2	18,864,561	19,494,475	53	0.349174	2.20E-23	POTEM, OR4Q3, OR4M1, OR4N2, OR4K2, OR4K5, OR4K1
Deletion	chr14	q11.2	21,481,361	22,066,201	292	-0.376579	6.94E-137	
Deletion	chr14	q12	23,740,511	23,744,018	3	-1.084129	9.74E-13	
Deletion	chr14	q13.2	34,676,390	34,683,869	3	-0.996559	3.33E-10	KIAA0391
Amplification	chr14	q23.3	64,804,409	64,811,203	5	0.749086	3.20E-11	
Deletion	chr14	q24.3	73,071,404	73,092,168	8	-3.811657	3.07E-124	HEATR4, ACOT1
Amplification	chr14	q24.3	73,309,616	73,315,376	4	0.995651	4.41E-13	C14orf43
Amplification	chr14	q31.1	79,176,037	79,183,213	4	1.444178	6.69E-22	NRXN3
Amplification	chr14	q32.2	98,799,004	98,810,201	9	0.628383	1.66E-11	BCL11B
Amplification	chr14	q32.33	104,686,613	104,708,328	10	0.864636	7.82E-23	JAG2
Amplification	chr14	q32.33	105,403,001	105,425,486	8	4.260221	2.29E-134	
Amplification	chr14	q32.33	105,428,694	105,474,067	11	0.756297	4.56E-19	KIAA0125
Deletion	chr14	q32.33	105,602,602	105,632,227	12	-4.127228	2.34E-123	
Amplification	chr14	q32.33	105,788,623	105,795,857	5	1.074797	1.84E-21	
Amplification	chr14	q32.33	105,856,591	105,881,952	7	1.630267	1.34E-57	
Deletion	chr14	q32.33	106,207,549	106,255,249	23	-0.586008	2.34E-28	
Amplification	chr15	q11.2	18,692,865	20,088,315	151	1.149393	NA	GOLGA6L6, GOLGA8C, BCL8, LOC646214, CXADRP2, POTE8, NF1P1, LOC727924, OR4M2, OR4N4, OR4N3P, LOC646396
Deletion	chr15	q14	32,514,939	32,594,245	25	-0.904251	5.07E-61	GOLGA8A
Amplification	chr15	q14	35,174,207	35,179,710	4	0.919843	3.41E-11	MEIS2
Amplification	chr15	q24.3	74,671,626	74,680,498	4	4.02596	1.12E-67	SCAPER
Amplification	chr15	q25.2	81,095,411	81,259,359	75	1.02286	1.15E-243	CPEB1, AP3B2, SCARNA15, FSD2
Deletion	chr15	q26.3	98,232,932	98,243,645	5	-0.896226	1.95E-15	
Deletion	chr16	p13.11	14,956,177	15,030,000	14	-0.740924	8.67E-32	PDXDC1
Amplification	chr16	p11.2	28,511,295	28,529,999	6	1.342571	9.12E-33	SULT1A2, SULT1A1
Amplification	chr16	p11.2	32,379,126	33,348,570	22	0.505912	4.71E-17	TP53TG3B, TP53TG3, SLC6A10P, LOC390705
Deletion	chr16	q12.2	54,353,978	54,379,898	10	-0.657099	9.56E-18	CES4
Amplification	chr16	q12.2	54,399,890	54,408,498	5	0.906564	2.33E-14	CES1
Amplification	chr16	q23.1	75,097,331	75,100,924	3	3.228209	1.30E-25	CNTNAP4
Amplification	chr17	p13.3	1,906,319	1,906,436	3	2.269779	1.47E-36	HIC1
Amplification	chr17	q12	32,826,928	32,832,701	4	0.779556	4.63E-10	ACACA
Amplification	chr17	q21.2	36,675,987	36,684,678	6	3.766917	6.06E-90	
Deletion	chr17	q21.31	41,521,544	41,710,444	67	-0.947144	5.50E-200	KIAA1267
Deletion	chr17	q22	52,445,183	52,454,230	4	-1.146562	3.75E-16	

Amplification	chr18	q21.1	42,794,580	42,822,884	8	0.673803	2.67E-12	KATNAL2, TCEB3CL, TCEB3C, TCEB3B
Amplification	chr19	p12	20,399,700	20,474,476	15	0.705522	1.32E-18	
Amplification	chr19	q13.12	41,815,501	42,052,486	105	0.953837	2.00E-303	ZNF461, ZNF567, ZNF790, ZNF345
Amplification	chr19	q13.42	59,249,279	59,251,879	3	0.994187	1.34E-10	VSTM1
Deletion	chr19	q13.42	59,421,197	59,503,760	37	-0.266222	2.01E-15	LILRA6, LILRB5, LILRB2, LILRA3
Deletion	chr20	p13	1,511,632	1,532,485	10	-4.1031	1.80E-139	SIRPB1
Deletion	chr20	p13	3,827,436	3,831,431	6	-1.058697	9.25E-25	PANK2
Amplification	chr21	p11.2 - p11.1	9,882,922	10,022,365	10	1.098379	1.26E-41	TPTE
Deletion	chr21	q21.1	22,577,751	22,585,099	3	-1.015284	2.49E-12	
Deletion	chr22	q11.23	22,677,959	22,725,353	22	-3.063248	1.52E-196	LOC391322, GSTT1, GSTTP2
Deletion	chr22	q11.23	22,714,979	22,720,254	4	-4.992759	2.28E-10	GSTTP2
Deletion	chr22	q13.1	37,689,058	37,715,431	16	-0.747472	9.56E-36	APOBEC3A, APOBEC3B
Amplification	chr22	q13.2	41,226,643	41,279,529	11	1.14849	4.11E-44	SERHL, RRP7A

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Type	Chr	Cytoband	Start	Stop	#Probes	Amplification/Deletion Score	pval	Gene Names
Amplification	chr1	p34.3	34,876,833	34,883,434	4	1.247019	2.71E-18	
Deletion	chr1	p22.1	93,181,900	93,192,266	6	-1.016536	7.34E-19	FAM69A
Deletion	chr1	p13.3	110,034,542	110,041,771	3	-1.670101	1.35E-22	GSTM1
Deletion	chr1	q21.1	147,308,557	147,460,720	27	-0.553128	1.82E-24	
Amplification	chr1	q21.3	150,823,073	150,851,498	11	0.872231	1.17E-23	LCE3C
Amplification	chr1	q21.3	151,028,700	151,036,494	4	2.933737	1.15E-50	LCE1D
Amplification	chr1	q31.1	187,972,203	188,041,994	12	0.975465	2.11E-30	
Deletion	chr1	q31.3	196,572,806	196,576,263	3	-1.063249	4.01E-11	
Amplification	chr1	q41	221,866,739	221,926,079	32	0.599636	2.08E-32	CAPN8
Amplification	chr1	q42.13	227,879,152	227,882,854	4	4.215879	1.33E-67	
Deletion	chr1	q44	246,668,425	246,713,399	13	-0.587614	3.72E-14	OR2T2, OR2T3
Amplification	chr1	q44	246,794,552	246,806,728	3	1.488677	4.23E-13	OR2T34
Amplification	chr1	q44	246,811,355	246,860,610	23	3.468864	3.82E-293	OR2T10, OR2T11
Deletion	chr2	p25.3	3,713,664	3,714,291	3	-2.450455	5.72E-35	ALLC
Amplification	chr2	p22.3	34,551,222	34,590,056	18	0.958178	2.56E-39	
Deletion	chr2	p22.1	40,998,458	41,002,713	4	-0.962409	7.18E-12	
Amplification	chr2	p16.3	52,604,016	52,635,754	5	3.602167	9.84E-67	
Deletion	chr2	p12	77,464,059	77,468,426	4	-0.917891	4.12E-10	LRRTM4
Amplification	chr2	p11.2	88,914,081	89,211,017	66	1.338525	2.09E-244	
Amplification	chr2	p11.2	88,914,081	88,941,307	14	3.099022	2.37E-52	
Amplification	chr2	p11.2	88,967,005	88,977,899	6	4.078027	1.15E-39	
Amplification	chr2	p11.2	88,983,003	89,211,017	32	0.916905	2.95E-16	
Amplification	chr2	p11.2	89,231,629	89,377,764	16	0.548637	5.51E-14	
Amplification	chr2	q22.3	146,582,195	146,592,834	4	3.293793	7.81E-53	
Deletion	chr3	q13.31	116,140,997	116,147,005	4	-1.086416	9.28E-14	ZBTB20
Amplification	chr3	q26.1	164,009,321	164,027,783	5	3.122922	7.24E-50	
Deletion	chr3	q29	194,358,882	194,367,009	6	-2.992426	1.60E-43	
Amplification	chr3	q29	196,835,413	196,942,211	23	0.921086	7.33E-55	SDHAP2, MIR570, MUC20
Amplification	chr4	p15.1	34,457,648	34,491,174	6	3.820446	4.61E-92	
Amplification	chr4	q13.2	70,190,682	70,294,371	5	0.815605	3.48E-10	UGT2B28
Amplification	chr4	q35.2	190,730,982	190,928,028	65	0.329108	3.65E-21	
Amplification	chr5	p15.33	776,194	830,000	6	0.809619	3.94E-10	
Amplification	chr5	q21.2 - q21.3	104,461,541	104,528,503	12	1.062958	5.85E-39	RAB9BP1
Deletion	chr5	q22.1	110,925,043	110,938,515	6	-0.764073	1.82E-10	
Amplification	chr5	q31.2	137,836,466	137,843,368	4	1.11684	1.05E-12	
Deletion	chr5	q33.1	150,185,190	150,202,660	7	-0.826208	9.87E-14	
Deletion	chr5	q35.3	180,342,860	180,359,036	9	-0.883322	2.20E-19	BTNL3
Deletion	chr6	p25.3	202,063	326,382	61	-0.342105	1.96E-21	DUSP22
Amplification	chr6	p25.3	1,326,887	1,334,137	4	0.986428	8.53E-11	
Deletion	chr6	p21.33	29,962,849	30,005,390	14	-0.846307	2.62E-27	HLA-H, HCG2P7, HCG4P6

Amplification	chr6	p21.32	32,558,677	32,601,021	10	2.775842	2.36E-83	HLA-DRB5
Amplification	chr6	p12.1	54,037,199	54,042,793	3	4.422278	4.03E-52	C6orf142
Amplification	chr6	p12.1	55,934,816	55,950,557	5	1.013068	7.19E-14	
Amplification	chr6	q12	67,068,673	67,101,414	5	1.02185	3.59E-16	
Amplification	chr6	q16.3	103,845,083	103,860,632	3	1.123629	3.21E-12	
Amplification	chr6	q22.33	128,014,072	128,130,943	50	0.530616	2.81E-40	THEMIS
Deletion	chr6	q23.2	134,633,117	134,635,838	3	-1.053913	2.12E-10	SGK1
Deletion	chr6	q26	162,003,132	162,013,151	7	-0.89044	4.46E-17	PARK2
Amplification	chr6	q27	165,645,537	165,650,669	4	3.666914	8.97E-62	
Deletion	chr7	p22.3	246,786	254,401	5	-0.977284	1.05E-13	
Amplification	chr7	p15.2	27,142,474	27,204,396	62	0.311496	4.44E-18	HOXA5, HOXA6, HOXA7, HOXA9, MIR196B, HOXA10, HOXA11, HOXA11AS, HOXA13
Amplification	chr7	q11.21	64,357,426	64,370,651	6	1.015206	2.27E-16	
Amplification	chr7	q21.13	90,037,060	90,058,536	7	0.769594	3.28E-13	
Amplification	chr7	q31.33	125,833,251	125,837,583	3	3.331647	5.69E-29	
Deletion	chr7	q34	141,698,634	141,714,227	10	-3.53041	2.76E-92	
Deletion	chr7	q34	142,156,165	142,166,758	4	-1.040668	2.06E-13	TRY6
Amplification	chr7	q36.3	156,485,711	156,495,956	6	1.25141	5.90E-22	MXN1
Amplification	chr8	p11.23 - p11.22	39,352,361	39,505,315	59	0.829375	4.92E-109	ADAM5P, ADAM3A
Amplification	chr8	q11.21	49,145,822	49,187,195	9	0.686989	1.72E-13	
Deletion	chr8	q13.3	72,445,046	72,452,984	3	-1.445312	8.49E-12	
Deletion	chr9	p21.3	23,353,267	23,365,985	3	-4.817848	1.31E-38	
Amplification	chr10	p11.23	31,287,101	31,291,584	3	1.00178	4.57E-10	ZNF438
Amplification	chr10	q11.22	46,384,985	47,021,474	74	0.412292	5.10E-36	SYT15, GPRIN2, PPYR1, LOC643650, LOC728643, ANXA8, ANXA8L1, FAM25G, FAM25C, FAM25B, AGAP9, LOC642826, FAM35B2
Amplification	chr10	q11.23	52,873,705	52,881,742	6	0.972236	2.07E-17	PRKG1
Amplification	chr10	q21.3	70,952,973	70,960,246	4	1.081597	1.76E-14	
Amplification	chr11	p15.4	4,926,583	4,932,273	5	1.073932	1.14E-17	
Deletion	chr11	p15.4	5,742,476	5,765,497	15	-0.925835	4.51E-36	ORS2N5
Deletion	chr11	p15.4	7,762,277	7,783,551	9	-0.916063	1.06E-20	ORSP2
Amplification	chr12	p13.31	9,528,590	9,554,208	5	2.174443	2.26E-34	
Amplification	chr12	p13.31	9,555,181	9,610,113	11	0.616679	2.28E-11	
Amplification	chr12	p13.2	11,109,483	11,140,477	11	1.023834	3.99E-29	PRR4, PRH1, TAS2R43
Amplification	chr12	q23.1	98,318,378	98,320,224	3	1.273719	1.97E-14	ANKS1B
Deletion	chr13	q13.2	33,030,946	33,042,616	4	-0.956822	1.32E-11	
Deletion	chr13	q21.1	56,658,479	56,686,922	15	-0.972241	2.51E-41	
Amplification	chr14	q11.1	18,505,611	18,537,236	4	1.030359	2.67E-13	
Deletion	chr14	q13.2	34,676,390	34,683,869	3	-4.358104	1.50E-41	KIAA0391
Deletion	chr14	q21.1	40,680,589	40,722,419	7	-1.028182	7.42E-21	
Deletion	chr14	q24.3	73,072,457	73,092,168	7	-2.090338	2.22E-48	HEATR4, ACOT1
Amplification	chr14	q24.3	73,309,616	73,315,376	4	0.938215	8.74E-11	C14orf43
Amplification	chr14	q31.1	79,176,037	79,183,213	4	1.228105	1.71E-13	NRXN3

Amplification	chr14	q32.2	98,799,004	98,812,371	10	0.689762	3.86E-13	BCL11B
Amplification	chr14	q32.33	105,314,254	105,425,486	40	2.415933	NA	
Amplification	chr14	q32.33	105,343,150	105,354,945	7	3.914423	3.42E-18	
Amplification	chr14	q32.33	105,397,801	105,401,460	3	0.345677	4.74E-37	
Amplification	chr14	q32.33	105,403,001	105,416,455	7	4.199664	5.64E-22	
Amplification	chr14	q32.33	105,428,694	105,761,975	66	0.705804	2.78E-83	KIAA0125, ADAM6
Amplification	chr14	q32.33	106,219,784	106,253,703	16	0.524385	6.54E-14	
Amplification	chr15	q11.2	18,741,716	20,079,994	149	0.960861	NA	GOLGA6L6, GOLGA8C, BCL8, LOC646214, CXADRP2, POTEB, NF1P1, LOC727924, OR4M2, OR4N4, OR4N3P, LOC646396
Amplification	chr15	q11.2	18,842,565	18,848,268	4	2.068898	2.08E-14	
Deletion	chr15	q14	32,517,839	32,594,245	24	-0.934881	1.45E-53	
Amplification	chr15	q24.3	74,671,626	74,680,498	4	2.699997	4.93E-40	SCAPER
Deletion	chr15	q26.3	98,234,519	98,239,513	3	-3.957735	8.44E-47	
Amplification	chr16	p13.3	2,638,581	2,687,893	14	0.604562	5.76E-14	KCTD5
Amplification	chr16	p11.2	28,511,295	28,529,999	6	0.822555	1.38E-11	SULT1A2, SULT1A1
Deletion	chr16	p11.2	32,513,457	33,842,184	48	-0.285593	1.57E-12	TP53TG3B, TP53TG3, SLC6A10P, LOC390705
Deletion	chr16	p11.2 - p11.1	34,325,501	34,584,850	49	-0.422005	2.62E-25	LOC283914, LOC146481
Amplification	chr16	q22.1	68,710,277	68,753,268	10	0.801882	1.04E-17	PDPR
Deletion	chr16	q22.3	70,641,420	70,665,497	8	-0.755388	4.27E-15	HP, HPR
Amplification	chr17	p13.3	1,906,319	1,906,436	3	1.819063	8.45E-26	HIC1
Amplification	chr17	q12	31,461,588	31,503,833	19	0.979564	2.14E-51	
Deletion	chr17	q21.31	41,519,702	41,710,444	68	-0.961828	1.77E-171	KIAA1267
Deletion	chr17	q23.1	55,328,074	55,332,880	3	-1.20918	1.73E-11	RPS6KB1
Amplification	chr19	p13.3	1,200,840	1,205,738	5	0.97475	4.63E-13	MIDN
Deletion	chr19	q13.42	59,421,197	59,434,253	10	-0.507313	1.15E-10	LILRA6
Deletion	chr20	p13	1,511,632	1,531,221	9	-2.83277	8.01E-65	SIRPB1
Deletion	chr20	q13.12	45,214,159	45,220,263	4	-0.885373	2.06E-10	EYA2
Amplification	chr20	q13.2	52,081,719	52,090,452	5	1.036702	2.03E-14	BCAS1
Amplification	chr20	q13.33	59,002,447	59,023,312	9	0.798046	3.20E-14	
Amplification	chr21	p11.2 - p11.1	9,882,922	10,022,365	10	0.677068	2.03E-14	TPTE
Amplification	chr22	q11.22	20,717,815	21,368,161	284	0.80776	2.11E-99	VPREB1, LOC96610, ZNF280B, ZNF280A, PRAME, LOC648691, POM121L1P, GGTL2
Amplification	chr22	q11.22	20,717,815	21,576,911	410	1.170204	NA	VPREB1, LOC96610, ZNF280B, ZNF280A, PRAME, LOC648691, POM121L1P, GGTL2, MIR650, IGLL5
Amplification	chr22	q11.22	21,371,845	21,576,911	125	2.592837	NA	MIR650, IGLL5
Amplification	chr22	q11.22	21,405,998	21,423,633	7	1.646531	5.39E-15	
Amplification	chr22	q11.22	21,539,942	21,556,810	12	3.425396	1.47E-11	
Amplification	chr22	q11.22	21,558,810	21,568,919	5	4.326415	4.39E-15	IGLL5
Deletion	chr22	q11.23	22,677,959	22,725,353	22	-0.900088	1.11E-49	LOC391322, GSTT1, GSTTP2
Deletion	chr22	q13.1	37,689,058	37,715,431	16	-0.795941	2.82E-32	APOBEC3A, APOBEC3B
Amplification	chr22	q13.2	41,226,643	41,279,529	11	0.843196	2.17E-20	SERHL, RRP7A

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Type	Chr	Cytoband	Start	Stop	#Probes	Amplification/Deletion Score	pval	Gene Names
Amplification	chr1	p34.3	37,692,387	37,696,262	3	1.030303	1.79E-14	
Deletion	chr1	p34.2	42,501,361	42,507,619	3	-0.929516	1.83E-11	FOXJ3
Amplification	chr1	p22.3	86,852,848	86,857,814	3	1.354339	3.47E-20	
Deletion	chr1	p22.1	93,181,900	93,192,266	6	-1.049677	3.34E-28	FAM69A
Deletion	chr1	p13.3	108,535,814	108,538,721	3	-0.893901	6.56E-12	SLC25A24
Deletion	chr1	q21.1	147,308,557	147,510,591	35	-0.472427	3.10E-35	
Amplification	chr1	q21.3	150,823,073	150,851,498	11	2.345197	3.00E-84	LCE3C
Amplification	chr1	q21.3	151,028,700	151,036,494	4	0.855613	4.40E-13	LCE1D
Amplification	chr1	q25.2	177,596,757	177,599,656	3	0.95148	1.05E-11	
Amplification	chr1	q25.3	179,017,844	179,021,893	3	0.985903	3.19E-13	XPR1
Deletion	chr1	q31.3	196,572,806	196,576,263	3	-6.187562	1.89E-58	
Deletion	chr1	q32.1	203,353,451	203,357,949	3	-1.359165	3.55E-19	RBBP5
Amplification	chr1	q41	221,868,204	221,923,683	30	0.591765	1.49E-48	CAPN8
Deletion	chr2	p25.3	3,713,664	3,714,291	3	-0.886608	2.68E-13	ALLC
Deletion	chr2	p23.3	24,455,322	24,462,690	4	-1.048988	1.92E-18	
Amplification	chr2	p22.3	34,551,222	34,590,056	18	3.783215	6.37E-211	
Amplification	chr2	p22.1	41,091,579	41,101,699	6	0.851586	4.10E-16	
Amplification	chr2	p11.2	88,967,005	88,977,899	6	0.839899	1.16E-17	
Amplification	chr2	q21.1	129,941,356	129,964,178	3	0.992974	2.79E-10	
Amplification	chr2	q22.3	146,582,195	146,592,834	4	1.193527	6.25E-23	
Amplification	chr2	q24.1	155,527,714	155,535,770	3	1.11954	4.12E-15	
Deletion	chr2	q34	212,715,648	212,718,582	3	-1.018551	1.97E-13	ERBB4
Deletion	chr3	p22.2	37,954,819	37,961,169	6	-0.972429	1.95E-24	CTDSPL
Deletion	chr3	p21.31	47,209,546	47,232,081	7	-0.722102	4.64E-16	FLJ39534
Amplification	chr3	p12.3	75,845,446	75,875,963	11	0.545667	7.18E-14	ZNF717
Deletion	chr3	q24	147,399,301	147,404,757	3	-1.299742	2.10E-18	PLSCR4
Amplification	chr3	q26.1	163,997,228	164,108,010	28	2.938318	1.89E-273	
Amplification	chr3	q26.1	164,054,607	164,063,685	4	1.468329	1.54E-12	
Amplification	chr3	q29	196,904,349	196,924,121	14	0.615846	6.71E-27	MIR570
Amplification	chr4	p15.1	34,457,648	34,491,174	6	0.977985	1.19E-21	
Deletion	chr4	q13.2	69,069,651	69,165,872	14	-3.228303	6.08E-138	UGT2B17
Amplification	chr4	q13.2	70,190,682	70,294,371	5	0.800553	5.70E-13	UGT2B28
Deletion	chr4	q31.3	152,278,869	152,286,839	4	-0.747981	1.81E-10	SH3D19
Amplification	chr4	q32.1	161,268,543	161,288,761	3	1.130103	1.24E-11	
Amplification	chr4	q35.2	190,730,982	190,928,028	65	0.315	4.48E-29	
Deletion	chr5	q13.3	75,647,535	75,696,084	19	-0.539679	2.27E-26	SV2C
Deletion	chr5	q22.1	110,933,923	110,938,515	3	-0.991817	5.90E-12	
Amplification	chr5	q31.2	137,836,466	137,842,166	3	0.999562	2.08E-14	
Deletion	chr5	q35.3	180,342,860	180,359,036	9	-0.825991	9.36E-26	BTNL3
Amplification	chr6	p25.3	241,674	326,382	45	0.453042	4.06E-45	DUSP22



Amplification	chr6	p22.1	26,849,722	26,861,243	4	0.82103	2.76E-13	
Deletion	chr6	p21.33	31,387,708	31,418,065	6	-1.066752	9.14E-27	
Deletion	chr6	p21.32	32,563,252	32,601,021	9	-2.002811	2.48E-47	HLA-DRB5
Deletion	chr6	p21.32	32,629,848	32,633,740	3	-2.181255	8.24E-25	HLA-DRB6
Deletion	chr6	p21.32	32,659,328	32,689,834	13	-0.408691	2.09E-11	HLA-DRB1
Deletion	chr6	p21.32	32,716,255	32,739,859	14	-0.886443	6.10E-34	HLA-DQA1, HLA-DQB1
Amplification	chr6	p12.1	54,037,199	54,042,793	3	4.509624	5.73E-53	C6orf142
Amplification	chr6	p12.1	55,934,816	55,950,557	5	1.069781	4.14E-20	
Amplification	chr6	q14.1	79,024,557	79,091,909	13	0.909036	3.70E-42	
Amplification	chr6	q16.3	103,845,083	103,868,213	4	1.102411	6.50E-16	
Amplification	chr6	q23.2	132,749,309	132,752,540	3	0.918105	5.41E-12	MOXD1
Deletion	chr6	q23.2	134,631,701	134,635,838	4	-4.650465	7.09E-65	SGK1
Amplification	chr6	q25.2	155,160,734	155,163,954	3	0.888924	3.68E-12	RBM16
Amplification	chr6	q27	165,645,537	165,650,669	4	3.458999	1.47E-51	
Deletion	chr7	p14.1	38,258,332	38,337,971	40	-0.403848	1.34E-32	TARP
Deletion	chr7	q21.11	86,073,120	86,079,755	3	-0.97004	1.70E-11	
Deletion	chr7	q21.2	91,809,959	91,814,370	3	-1.455605	8.37E-19	ANKIB1
Amplification	chr7	q31.1	109,230,336	109,240,269	5	0.897333	3.07E-16	
Deletion	chr7	q31.33	125,833,251	125,837,583	3	-3.924584	3.77E-36	
Deletion	chr7	q34	141,698,634	141,714,227	10	-4.597646	7.39E-153	
Deletion	chr7	q34	142,159,173	142,167,957	5	-2.075245	1.32E-49	TRY6
Deletion	chr7	q35	143,370,088	143,376,678	4	-0.847665	6.26E-13	
Deletion	chr7	q36.1	151,724,590	151,747,964	13	-0.545055	1.07E-18	MLL3
Amplification	chr7	q36.3	156,485,711	156,490,539	3	1.943822	2.02E-26	MNX1
Deletion	chr8	p23.1	7,260,442	7,790,993	7	-0.62078	5.84E-15	DEFB103A, DEFB103B, SPAG11B, DEFB104A, DEFB104B, DEFB106A, DEFB106B, DEFB105A, DEFB105B, DEFB107A, DEFB107B, FAM90A7, FAM90A14, FAM90A13, FAM90A19, FAM90A18, FAM90A8, FAM90A9, FAM90A10, SPAG11A, DEFB4A
Deletion	chr8	p22	13,416,688	13,419,909	3	-1.086484	3.29E-15	DLC1
Amplification	chr8	p21.2	25,030,003	25,039,429	3	1.009689	2.86E-13	
Deletion	chr8	p12	32,797,545	32,808,108	4	-2.694178	4.39E-19	
Amplification	chr8	p11.23 - p11.22	39,352,361	39,505,315	59	3.583104	NA	ADAM5P, ADAM3A
Amplification	chr8	q11.21	49,128,427	49,187,195	16	0.531283	9.03E-21	UBE2V2
Amplification	chr8	q11.22	51,193,977	51,198,522	3	0.906877	1.52E-12	SNTG1
Deletion	chr8	q22.3	102,054,655	102,062,053	4	-1.033252	7.02E-17	
Amplification	chr9	p24.1	6,692,831	6,698,349	3	1.130136	3.24E-13	
Deletion	chr9	p21.3	23,353,267	23,365,985	3	-1.080609	6.95E-16	
Amplification	chr10	p11.23	31,287,101	31,291,584	3	4.783966	1.64E-58	ZNF438
Deletion	chr11	p15.4	5,742,476	5,765,497	15	-5.29798	2.69E-245	OR52N5
Deletion	chr11	p15.1	18,687,987	18,691,662	3	-0.816975	6.35E-11	IGSF22

Amplification	chr11	q22.1	98,272,173	98,311,618	18	1.070974	6.05E-69	
Deletion	chr12	p13.33	738,240	743,282	4	-1.128271	1.54E-17	WNK1
Amplification	chr12	p13.31	9,528,590	9,610,113	16	0.57221	1.07E-22	
Amplification	chr12	p13.2	11,121,204	11,140,477	7	0.942204	6.64E-23	PRR4, PRH1, TAS2R43
Deletion	chr12	q12	41,307,749	41,312,537	3	-0.893646	5.36E-11	
Amplification	chr13	q14.11	42,497,481	42,504,644	5	1.717563	1.33E-48	DNAJC15
Amplification	chr14	q11.1 - q11.2	18,505,611	19,494,475	59	0.426084	1.20E-50	POTEG, POTE, OR4Q3, OR4M1, OR4N2, OR4K2, OR4K5, OR4K1
Deletion	chr14	q11.2	21,479,168	22,089,626	305	-0.373676	8.67E-183	
Deletion	chr14	q13.2	34,676,390	34,683,869	3	-1.08817	8.53E-12	KIAA0391
Deletion	chr14	q21.1	40,680,589	40,722,419	7	-0.907437	3.76E-21	
Deletion	chr14	q24.3	73,072,457	73,092,168	7	-3.809692	2.33E-111	HEATR4, ACOT1
Amplification	chr14	q24.3	73,309,616	73,315,376	4	0.960747	1.99E-13	C14orf43
Amplification	chr14	q31.1	79,176,037	79,183,213	4	1.110657	1.04E-15	NRXN3
Amplification	chr14	q32.33	105,403,001	105,425,486	8	4.071673	2.75E-132	
Amplification	chr14	q32.33	105,428,694	105,474,067	11	0.691869	2.82E-20	KIAA0125
Amplification	chr14	q32.33	105,788,623	105,795,857	5	0.65517	5.42E-12	
Amplification	chr14	q32.33	105,856,591	105,875,983	5	1.04424	7.16E-23	
Amplification	chr15	q11.2	18,741,716	20,088,315	150	0.643979	6.22E-276	GOLGA6L6, GOLGA8C, BCL8, LOC646214, CXADRP2, POTE, NF1P1, LOC727924, OR4M2, OR4N4, OR4N3P, LOC646396
Amplification	chr15	q11.2	19,537,035	20,014,154	48	0.924462	2.34E-17	LOC727924, OR4M2, OR4N4, OR4N3P
Deletion	chr15	q14	32,514,939	32,594,245	25	-0.832589	1.75E-62	GOLGA8A
Amplification	chr15	q24.3	74,671,626	74,680,498	4	3.562541	2.10E-62	SCAPER
Amplification	chr15	q25.2	81,095,411	81,253,557	74	0.911299	8.85E-227	CPEB1, AP3B2, SCARNA15, FSD2
Deletion	chr15	q26.3	98,234,519	98,243,645	4	-1.016201	1.97E-17	
Amplification	chr16	p13.3	2,638,581	2,687,893	14	0.566359	1.84E-22	KCTD5
Deletion	chr16	p13.11	14,956,177	15,030,000	14	-0.738227	5.01E-35	PDXDC1
Amplification	chr16	p11.2	28,511,295	28,529,999	6	1.028918	3.39E-26	SULT1A2, SULT1A1
Amplification	chr16	p11.2	32,379,126	33,320,588	21	0.468123	3.39E-23	TP53TG3B, TP53TG3, SLC6A10P, LOC390705
Deletion	chr16	q12.2	54,353,978	54,379,898	10	-0.625131	2.11E-20	CES4
Amplification	chr16	q12.2	54,399,890	54,408,498	5	0.775621	1.48E-13	CES1
Deletion	chr16	q22.3	70,641,420	70,665,497	8	-0.970331	1.37E-29	HP, HPR
Amplification	chr17	p13.3	1,906,319	1,906,436	3	2.121045	3.40E-35	HIC1
Amplification	chr17	q12	31,461,588	31,503,833	19	0.823865	9.95E-57	
Amplification	chr17	q21.2	36,675,987	36,684,678	6	2.384704	8.35E-45	
Deletion	chr17	q21.31	41,521,544	41,710,444	67	-0.967714	5.17E-262	KIAA1267
Deletion	chr17	q23.1	55,328,074	55,332,880	3	-1.061982	1.49E-11	RPS6KB1
Amplification	chr19	q13.12	41,815,501	42,053,699	106	0.87955	8.774e-310	ZNF461, ZNF567, ZNF790, ZNF345
Amplification	chr19	q13.33	56,828,073	56,840,401	7	3.616304	2.40E-74	SIGLEC14
Amplification	chr19	q13.42	59,249,279	59,251,879	3	0.870182	4.91E-11	VSTM1

Deletion	chr19	q13.42	59,421,197	59,434,253	10	-0.610207	1.50E-18	LILRA6
Deletion	chr20	p13	1,511,632	1,532,485	10	-3.690909	3.29E-123	SIRPB1
Deletion	chr20	q13.12	45,214,159	45,220,263	4	-0.930136	1.51E-16	EYA2
Amplification	chr20	q13.2	52,081,719	52,090,452	5	0.918672	4.20E-15	BCAS1
Amplification	chr20	q13.33	59,002,447	59,023,312	9	0.686329	3.92E-16	
Amplification	chr21	p11.2 - p11.1	9,882,922	10,022,365	10	1.014315	7.43E-45	TPTE
Deletion	chr21	q21.1	22,577,751	22,585,099	3	-0.861627	1.37E-11	
Deletion	chr22	q13.1	37,689,058	37,715,431	16	-3.594415	1.16E-200	APOBEC3A, APOBEC3B
Deletion	chr22	q13.1	37,694,756	37,707,008	7	-5.544997	6.54E-17	
Amplification	chr22	q13.2	41,226,643	41,279,529	11	0.643476	1.45E-21	SERHL, RRP7A
Deletion	chr22	q13.2	41,701,092	41,704,998	3	-0.981741	2.45E-11	PACSIN2

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Type	Chr	Cytoband	Start	Stop	#Probes	Amplification/Deletion Score	pval	Gene Names
Deletion	chr1	p36.22	9769722	9776962	4	-0.74967	1.98E-10	CLSTN1
Amplification	chr1	p34.3	34876833	34883434	4	1.35446	1.02E-20	
Deletion	chr1	p22.1	93181900	93192266	6	-0.95988	2.16E-18	FAM69A
Deletion	chr1	p13.3	108535814	108538721	3	-2.44862	5.18E-23	SLC25A24
Deletion	chr1	q21.1	147313991	147460720	25	-0.61544	1.24E-28	
Amplification	chr1	q21.3	151028700	151036494	4	3.00132	1.78E-42	LCE1D
Amplification	chr1	q31.1	187972203	188041994	12	0.99405	1.81E-31	
Deletion	chr1	q31.3	195009358	195065925	9	-0.89878	1.22E-16	CFHR3, CFHR1
Deletion	chr1	q31.3	196572806	196576263	3	-1.07132	7.31E-12	
Amplification	chr1	q42.13	227879152	227882854	4	4.13657	3.69E-61	
Amplification	chr1	q42.2	229989433	230020527	16	0.55666	2.18E-13	TSNAX-DISC1, DISC1, DISC2
Deletion	chr1	q44	246668425	246713399	13	-0.66587	4.75E-19	OR2T2, OR2T3
Amplification	chr1	q44	246806669	246860610	24	3.00361	4.84E-247	OR2T10, OR2T11
Amplification	chr1	q44	246806669	246816762	4	1.95436	1.78E-11	
Amplification	chr1	q44	246836754	246839180	3	5.04175	4.59E-11	
Amplification	chr2	p22.3	34552935	34590056	17	1.02810	1.34E-39	
Deletion	chr2	p22.1	40998458	41002713	4	-1.31215	1.83E-20	
Amplification	chr2	p16.3	52604016	52635754	5	3.05210	1.80E-51	
Amplification	chr2	p11.2	88914081	89231798	70	1.23924	4.90E-229	
Amplification	chr2	p11.2	88914081	88941307	14	2.95703	8.78E-46	
Amplification	chr2	p11.2	88967005	88977899	6	3.77294	1.12E-30	
Amplification	chr2	q22.3	146582195	146592834	4	4.52363	1.37E-71	
Amplification	chr2	q31.1	176589842	176750436	110	0.29375	1.50E-29	EVX2, HOXD13, HOXD12, HOXD11, HOXD10, HOXD9, HOXD8, MIR10B, HOXD4, HOXD3, LOC401022
Deletion	chr2	q31.2	180121271	180129739	6	-0.89262	9.19E-15	ZNF385B
Amplification	chr2	q33.2	203892886	203898393	4	1.14396	5.51E-12	
Deletion	chr3	p22.2	37954819	37961169	6	-0.95975	7.08E-19	CTDSPL
Amplification	chr3	q24	148577529	148613407	20	0.51434	1.49E-17	ZIC4, ZIC1
Amplification	chr3	q26.1	164009321	164027783	5	3.26730	2.08E-39	
Deletion	chr3	q29	194358882	194367009	6	-2.91351	2.50E-28	
Amplification	chr3	q29	196835413	196929885	21	1.05532	4.61E-69	SDHAP2, MIR570
Amplification	chr3	q29	196957322	196961294	3	1.14785	1.49E-11	MUC4
Deletion	chr4	p16.1	9821327	9832882	3	-5.39313	8.99E-42	
Amplification	chr4	p15.1	34457648	34491174	6	3.78495	3.28E-78	
Amplification	chr4	q13.2	70190682	70294371	5	1.08794	2.32E-14	UGT2B28
Deletion	chr4	q26	119345371	119348888	3	-1.30804	3.56E-13	NDST3
Amplification	chr4	q35.2	190710812	190969306	79	0.35971	7.75E-24	

Amplification	chr5	q13.2	68862665	70405715	6	0.79703	3.68E-13	LOC653391, OCLN, LOC647859, GTF2H2B, GTF2H2C, GTF2H2, GTF2H2D, LOC100272216, GUSBP3, LOC100049076, SERF1A, SERF1B, SMN1, SMN2, LOC100170939, SMA5, NAIP
Amplification	chr5	q21.2 - q21.3	104461541	104528503	12	1.09379	1.34E-42	RAB9BP1
Deletion	chr5	q22.1	110925975	110938515	5	-1.00448	3.60E-13	
Amplification	chr5	q31.2	137836466	137843368	4	1.10687	6.69E-12	
Deletion	chr5	q33.1	150185190	150202660	7	-1.06803	6.37E-23	
Deletion	chr5	q35.3	180342860	180362394	10	-0.78024	3.10E-21	BTNL3
Deletion	chr6	p21.33	29962849	30005390	14	-0.83416	1.01E-30	HLA-H, HCG2P7, HCG4P6
Amplification	chr6	p12.1	54037199	54042793	3	3.86273	3.70E-46	C6orf142
Amplification	chr6	p12.1	55934816	55950557	5	1.07937	4.31E-16	
Amplification	chr6	q12	67068673	67105297	6	1.05272	1.36E-21	
Amplification	chr6	q16.3	103845083	103860632	3	1.09818	6.09E-12	
Amplification	chr6	q22.33	128014072	128130943	50	0.56531	1.37E-48	THEMIS
Amplification	chr6	q23.2	132749309	132752540	3	0.96378	3.81E-10	MOXD1
Deletion	chr6	q23.2	134631701	134635838	4	-1.02495	1.50E-12	SGK1
Deletion	chr6	q25.1	151549525	151552741	3	-1.17997	4.96E-14	
Deletion	chr6	q26	162003132	162013151	7	-0.87116	7.98E-19	PARK2
Amplification	chr6	q27	165645537	165649438	3	3.54618	1.35E-35	
Deletion	chr7	p22.3	246786	254401	5	-0.90511	3.08E-16	
Amplification	chr7	p15.2	27100216	27233802	102	0.39458	6.06E-35	HOXA1, HOXA2, HOXA3, HOXA4, HOXA5, HOXA6, HOXA7, HOXA9, MIR196B, HOXA10, HOXA11, HOXA11AS, HOXA13
Deletion	chr7	p14.1	38257171	38325428	34	-0.51588	1.99E-32	TARP
Amplification	chr7	q11.22	70071668	70137737	13	0.72736	4.08E-17	
Amplification	chr7	q31.33	125833251	125837583	3	3.08976	1.22E-24	
Amplification	chr7	q34	141413352	141440243	14	1.21488	3.17E-46	MGAM
Deletion	chr7	q34	141698634	141714227	10	-3.80088	2.92E-81	
Deletion	chr7	q34	142156165	142167957	6	-2.54588	5.61E-64	TRY6
Amplification	chr7	q36.3	156485711	156490539	3	2.25452	2.29E-23	MNX1
Amplification	chr8	p11.23 - p11.22	39352361	39505315	59	0.83357	2.85E-94	ADAM5P, ADAM3A
Amplification	chr8	q11.21	49135352	49193641	15	0.50853	3.86E-13	UBE2V2
Deletion	chr9	p21.3	23353267	23365985	3	-4.46536	3.74E-28	

Deletion	chr9	p13.1 - p11.2	39091349	45359386	11	-0.52963	9.03E-11	CNTNAP3, FAM75A1, FAM75A2, LOC653501, ZNF658B, FAM74A1, FAM75A3, FAM74A3, ZNF658, FAM75A5, FAM75A7, MGC21881, KGFLP2, ANKRD20A2, ANKRD20A3, FAM95B1, FOXD4L2, FOXD4L4, AQP7P3, LOC642929, FAM75A6, KGFLP1, FAM27C
Deletion	chr9	q21.13	78961754	78966695	3	-0.92429	3.28E-10	
Amplification	chr10	p15.1	6255513	6268572	8	0.71354	1.81E-11	PFKFB3
Amplification	chr10	q11.22	46388078	46568552	71	0.49544	1.95E-30	SYT15, GPRIN2, PPYR1, LOC643650, LOC728643
Amplification	chr10	q11.23	52873705	52881742	6	0.77102	4.07E-12	PRKG1
Amplification	chr10	q24.32	104149854	104175482	22	0.47325	4.27E-12	NFKB2, PSD, FBXL15, CUEDC2
Amplification	chr11	p15.5 - p15.4	256941	3207447	1194	0.25834	2.84E-223	NLRP6, ATHL1, IFITM5, IFITM2, IFITM1, IFITM3, B4GALNT4, PKP3, SIGIRR, ANO9, PTDSS2, RNH1, HRAS, LRRC56, C11orf35, RASSF7, MIR210, LOC143666, PHRF1, IRF7, CDHR5, SCT, DRD4, DEAF1, TMEM80, EPS8L2, TALDO1, PDDC1, CEED1, SLC25A22, LRDD, RPLP2, SNORA52, PNPLA2, EFCAB4A, CD151, POLR2L, TSPAN4, CHID1, AP2A2, MUC6, MUC2, MUC5B, TOLLIP, LOC255512, BRSK2, MOB2, DUSP8, LOC338651, KRTAP5-1, KRTAP5-2, KRTAP5-3, KRTAP5-4, KRTAP5-5, FAM99A, FAM99B, KRTAP5-6, LOC402778, CTSD, SYT8, TNNT2, LSP1, TNNT3, MRPL23, LOC100133545, H19, MIR675, IGF2, INS-IGF2, MIR483, IGF2AS, INS, TH, ASCL2, C11orf21, TSPAN32, CD81, TSSC4, TRPM5, KCNQ1, KCNQ1OT1, KCNQ1DN, CDKN1C, SLC22A18A5, SLC22A18, PHLDA2, NAP1L4, SNORA54, CARS, OSBPPL5, MRGPRG, C11orf36, MRGPRE
Amplification	chr11	p15.4	4926583	4932273	5	1.06889	1.85E-17	
Deletion	chr11	p15.4	5742476	5765497	15	-4.45340	1.04E-182	OR52N5
Deletion	chr11	p15.4	7762277	7783551	9	-1.07659	1.33E-26	OR5P2
Amplification	chr11	q23.3	118712459	118736201	13	0.65166	2.27E-13	RNF26, C1QTNF5, MFRP, USP2
Amplification	chr11	q24.3	129802472	129806879	4	1.15158	2.01E-12	ADAMTS8
Amplification	chr12	p13.33	100682	260665	79	0.32718	2.31E-26	IQSEC3, LOC574538, SLC6A12, SLC6A13, KDM5A

Amplification	chr12	p13.31	9528590	9610113	16	1.45235	2.83E-63	
Amplification	chr12	p13.2	11109483	11147734	13	0.65351	1.79E-15	PRR4, PRH1, TAS2R43
Amplification	chr12	p13.2	11419189	11435698	6	1.05961	1.20E-19	
Amplification	chr12	p12.3	19380678	19384394	3	1.04147	1.47E-11	PLEKHA5
Amplification	chr12	q13.13	52604587	52729992	121	0.39712	6.56E-33	HOXC13, HOXC12, HOTAIR, HOXC11, HOXC10, MIR196A2, HOXC9, HOXC8, HOXC4, HOXC5, HOXC6, MIR615
Amplification	chr12	q23.1	98318378	98320224	3	1.19653	7.96E-13	ANKS1B
Amplification	chr13	q14.11	42497481	42504644	5	1.58098	3.94E-38	DNAJC15
Deletion	chr14	q11.2	21481361	22022119	267	-0.42741	1.05E-137	
Deletion	chr14	q12	23740511	23744018	3	-0.97903	1.29E-10	
Deletion	chr14	q13.2	34676390	34683869	3	-5.36483	2.99E-36	KIAA0391
Deletion	chr14	q24.3	73072457	73092168	7	-2.83504	1.98E-57	HEATR4, ACOT1
Amplification	chr14	q31.1	79176037	79183213	4	1.26183	8.14E-15	NRXN3
Amplification	chr14	q32.2	98799004	98810201	9	0.76740	2.16E-11	BCL11B
Amplification	chr14	q32.33	105314254	105428738	41	2.62176	NA	
Amplification	chr14	q32.33	105397801	105401460	3	0.45984	1.11E-43	
Amplification	chr14	q32.33	105403001	105416455	7	4.23307	6.23E-17	
Amplification	chr14	q32.33	105432521	105597614	38	0.91288	4.81E-79	KIAA0125, ADAM6
Deletion	chr14	q32.33	105602602	105632227	12	-3.96205	4.08E-102	
Amplification	chr14	q32.33	105681007	105761975	14	1.00212	2.00E-33	
Amplification	chr14	q32.33	105788623	105795857	5	1.01005	4.10E-17	
Amplification	chr14	q32.33	105856972	105881952	6	2.23271	1.54E-54	
Amplification	chr15	q11.2	18741716	20088315	150	0.95955	NA	GOLGA6L6, GOLGA8C, BCL8, LOC646214, CXADRP2, POTE8, NF1P1, LOC727924, OR4M2, OR4N4, OR4N3P, LOC646396
Amplification	chr15	q11.2	18842565	18848268	4	2.06699	1.58E-14	
Amplification	chr15	q14	35174207	35182676	5	0.82727	2.20E-11	MEIS2
Amplification	chr15	q24.3	74671626	74680397	3	2.65532	2.80E-22	SCAPER
Amplification	chr16	p11.2	28511295	28529999	6	1.02959	6.19E-16	SULT1A2, SULT1A1
Deletion	chr16	p11.2	32481309	33647915	46	-0.30130	4.73E-14	TP53TG3B, TP53TG3, SLC6A10P, LOC390705
Deletion	chr16	p11.2 - p11.1	34325501	34596714	51	-0.38447	5.07E-23	LOC283914, LOC146481
Amplification	chr16	q22.1	68732367	68753268	8	0.97235	3.08E-20	PDPR
Amplification	chr16	q22.3	72929786	72964842	7	0.84348	1.52E-13	LOC283922
Amplification	chr17	p13.3	1906319	1906436	3	2.33774	1.35E-33	HIC1
Deletion	chr17	p13.3	3063413	3103283	6	-0.73076	4.00E-11	OR1A1, LOC653166
Amplification	chr17	q12	31461588	31891594	21	1.06319	1.74E-59	TBC1D3B, CCL3L1, CCL3L3, CCL4L2, CCL4L1, TBC1D3C, TBC1D3F, TBC1D3H, TBC1D3G
Amplification	chr17	q21.2	36675987	36684678	6	2.40085	1.19E-31	
Deletion	chr17	q21.31	41521544	41710444	67	-0.92152	2.07E-200	KIAA1267
Amplification	chr18	q12.2	33067718	33419351	171	0.30483	1.11E-31	CELF4

Amplification	chr18	q23	75243011	75819856	221	0.27167	2.19E-30	NFATC1, CTDP1, KCNG2, PQLC1
Amplification	chr19	p13.3	1200840	1205738	5	1.37121	2.82E-14	MIDN
Deletion	chr19	q13.12	40543992	40553374	3	-0.98148	3.05E-11	
Deletion	chr19	q13.33	56825794	56840401	8	-3.93906	2.89E-64	SIGLEC14
Deletion	chr19	q13.42	59421197	59434253	10	-0.45592	1.80E-12	LILRA6
Deletion	chr20	p13	1511632	1532485	10	-3.16904	6.13E-70	SIRPB1
Deletion	chr20	q13.12	45214159	45220263	4	-0.81074	3.29E-11	EYA2
Amplification	chr20	q13.2	52081719	52090452	5	0.98651	6.80E-11	BCAS1
Amplification	chr21	p11.2 - p11.1	9882922	10022365	10	0.77975	5.28E-20	TPTE
Deletion	chr21	q21.1	22577751	22585099	3	-1.11685	7.41E-13	
Amplification	chr22	q11.22	20729331	21576911	403	1.16525	NA	VPREB1, LOC96610, ZNF280B, ZNF280A, PRAME, LOC648691, POM121L1P, GGTL2, MIR650, IGLL5
Amplification	chr22	q11.22	20729331	21368161	277	0.82328	3.11E-89	VPREB1, LOC96610, ZNF280B, ZNF280A, PRAME, LOC648691, POM121L1P, GGTL2
Amplification	chr22	q11.22	20797302	20842378	23	0.43062	8.19E-12	
Amplification	chr22	q11.22	21371845	21576911	125	2.72689	NA	MIR650, IGLL5
Amplification	chr22	q11.22	21405998	21423633	7	1.75653	1.08E-15	
Amplification	chr22	q11.22	21558810	21570286	6	3.95669	9.94E-11	IGLL5
Deletion	chr22	q11.23	22677959	22725353	22	-0.78007	7.43E-53	LOC391322, GSTT1, GSTTP2
Deletion	chr22	q13.1	37689058	37715431	16	-3.45870	2.31E-176	APOBEC3A, APOBEC3B
Amplification	chr22	q13.2	41226643	41279529	11	0.93065	6.68E-23	SERHL, RRP7A



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Type	Chr	Cytoband	Start	Stop	#Probes	Amplification/Deletion Score	pval	Gene Names
Amplification	chr1	p36.23	7,485,935	7,503,645	10	0.799972	1.85E-11	CAMTA1
Deletion	chr1	p36.22	9,769,722	9,776,962	4	-0.940953	1.77E-14	CLSTN1
Amplification	chr1	p36.13	17,107,476	17,154,087	8	0.983163	9.14E-16	CROCC
Amplification	chr1	p34.3	34,876,833	34,883,434	4	1.307595	1.38E-16	
Amplification	chr1	p22.2	90,939,932	90,968,837	16	0.450032	1.00E-12	BARHL2
Amplification	chr1	q21.3	151,028,700	151,036,494	4	3.375635	4.86E-51	LCE1D
Amplification	chr1	q31.1	187,972,203	188,041,994	12	0.821697	3.83E-27	
Deletion	chr1	q31.3	196,572,806	196,576,263	3	-5.398414	1.54E-53	
Amplification	chr1	q42.13	227,879,152	227,882,854	4	3.319006	3.15E-56	
Amplification	chr1	q42.2	229,989,433	230,020,527	16	0.638462	1.29E-13	TSNAX-DISC1, DISC1, DISC2
Amplification	chr1	q44	246,794,552	246,806,728	3	1.566237	8.35E-14	OR2T34
Amplification	chr1	q44	246,811,355	246,860,610	23	3.350189	9.50E-278	OR2T10, OR2T11
Amplification	chr2	p22.3	34,552,935	34,590,056	17	0.932232	2.07E-33	
Deletion	chr2	p22.1	40,998,458	41,002,713	4	-1.147266	2.24E-12	
Amplification	chr2	p11.2	88,251,602	88,256,430	4	1.009648	1.34E-10	THNSL2
Amplification	chr2	p11.2	88,914,081	88,941,307	14	3.167683	1.77E-57	
Amplification	chr2	p11.2	88,914,081	89,231,798	70	1.296759	9.58E-242	
Amplification	chr2	p11.2	88,967,005	88,977,899	6	3.704756	2.84E-35	
Amplification	chr2	p11.2	88,984,458	89,231,798	35	0.853101	1.12E-18	
Amplification	chr2	q22.3	146,582,195	146,592,834	4	3.425482	7.19E-57	
Amplification	chr2	q31.1	176,639,713	176,750,436	88	0.427463	5.73E-55	EVX2, HOXD13, HOXD12, HOXD11, HOXD10, HOXD9, HOXD8, MIR10B, HOXD4, HOXD3, LOC401022
Deletion	chr2	q31.2	180,121,271	180,129,739	6	-1.158647	2.75E-19	ZNF385B
Deletion	chr3	q13.31	116,140,997	116,147,005	4	-1.103737	2.36E-12	ZBTB20
Amplification	chr3	q24	148,562,730	148,630,373	32	0.499425	8.12E-28	ZIC4, ZIC1
Amplification	chr3	q26.1	164,009,321	164,027,783	5	3.069671	4.09E-48	
Amplification	chr3	q27.1	185,324,773	185,976,854	282	0.30838	2.78E-70	EIF2B5, DVL3, AP2M1, ABCF3, VWA5B2, MIR1224, ALG3, ECE2, CAMK2N2, PSMD2, EIF4G1, SNORD66, FAM131A, CLCN2, POLR2H, THPO, CHR1, EPHB3, MAGEF1
Deletion	chr3	q29	194,358,882	194,367,009	6	-3.255017	2.21E-49	
Amplification	chr3	q29	196,835,413	196,929,845	20	1.111955	5.49E-66	SDHAP2, MIR570
Amplification	chr3	q29	196,957,322	196,961,294	3	1.208343	2.81E-10	MUC4
Amplification	chr4	p16.2	4,901,977	4,913,808	7	1.031102	1.71E-17	MSX1
Amplification	chr4	p15.1	34,457,648	34,491,174	6	4.05414	2.05E-91	
Deletion	chr4	p14	39,588,553	39,593,736	4	-1.022786	9.70E-13	PDS5A
Deletion	chr4	q26	119,345,371	119,348,888	3	-1.381392	1.13E-13	NDST3
Amplification	chr4	q35.1	183,958,648	184,012,034	21	0.519454	6.93E-16	ODZ3

Amplification	chr5	q21.2 - q21.3	104,461,541	104,528,503	12	1.053439	1.09E-40	RAB9BP1
Amplification	chr5	q31.2	137,836,466	137,843,368	4	1.10533	7.76E-11	
Amplification	chr5	q35.2	174,089,673	174,121,761	11	0.773967	5.71E-12	MSX2
Amplification	chr5	q35.3	179,152,726	179,159,868	9	0.891896	5.70E-14	LTC4S, MGAT4B, MIR1229
Deletion	chr5	q35.3	180,342,860	180,359,036	9	-0.727492	6.91E-14	BTNL3
Amplification	chr6	p25.3	1,322,879	1,337,620	7	0.933593	1.76E-14	FOXF2
Amplification	chr6	p25.3	1,548,953	1,586,331	17	0.718747	5.34E-19	FOXC1, GMDS
Amplification	chr6	p21.32	32,558,677	32,601,021	10	2.873589	4.82E-77	HLA-DRB5
Deletion	chr6	p21.32	32,756,637	32,762,120	4	-1.434463	3.12E-24	
Amplification	chr6	p12.1	54,037,199	54,042,793	3	4.181913	6.93E-50	C6orf142
Amplification	chr6	p12.1	55,934,816	55,946,682	4	1.05145	1.95E-15	
Amplification	chr6	q12	67,068,673	67,101,414	5	0.901301	5.27E-15	
Amplification	chr6	q14.1	79,024,557	79,091,909	13	0.911693	1.82E-33	
Deletion	chr6	q26	162,003,132	162,013,151	7	-0.789695	3.25E-13	PARK2
Amplification	chr6	q27	165,645,537	165,650,669	4	3.497435	2.88E-49	
Deletion	chr7	p22.3	246,786	254,401	5	-0.870138	9.98E-17	
Amplification	chr7	p15.2	26,103,844	26,112,625	3	1.042359	2.63E-10	
Amplification	chr7	p15.2	27,100,216	27,260,366	115	0.447721	1.59E-60	HOXA1, HOXA2, HOXA3, HOXA4, HOXA5, HOXA6, HOXA7, HOXA9, MIR196B, HOXA10, HOXA11, HOXA11AS, HOXA13, EVX1
Deletion	chr7	p14.1	38,274,436	38,320,676	26	-0.55248	4.15E-22	TARP
Amplification	chr7	q11.21	64,357,426	64,365,922	4	1.24054	1.08E-12	
Amplification	chr7	q11.22	70,071,668	70,137,737	13	0.745611	7.11E-14	
Amplification	chr7	q31.33	125,833,251	125,837,583	3	3.240437	8.22E-31	
Amplification	chr7	q34	141,413,352	141,438,563	13	1.110734	7.08E-38	MGAM
Deletion	chr7	q34	141,698,634	141,714,227	10	-3.432949	4.88E-89	
Deletion	chr7	q34	142,156,165	142,166,758	4	-1.03929	4.26E-13	TRY6
Amplification	chr7	q36.3	156,485,711	156,504,100	10	1.130037	6.45E-25	MNX1
Amplification	chr8	q11.21	49,143,460	49,193,641	11	0.668258	1.20E-14	

Amplification	chr8	q24.3	142,081,172	146,091,894	1443	0.315705	NA	DENND3, SLC45A4, LOC731779, GPR20, PTP4A3, FLJ43860, NCRNA00051, TSNARE1, BAI1, ARC, JRK, PSCA, LY6K, C8orf55, SLURP1, LYPD2, LYNX1, LY6D, GML, CYP11B1, CYP11B2, LOC100133669, LY6E, C8orf31, LY6H, GPIHBP1, ZFP41, GLI4, ZNF696, TOP1MT, C8orf51, RHPN1, MAFA, ZC3H3, GSDMD, C8orf73, NAPRT1, EEF1D, TIGD5, PYCRL, TSTA3, ZNF623, ZNF707, BREAZ, LOC100130274, MAPK15, FAM83H, LOC100128338, SCRIB, MIR937, PUF60, NRBP2, EPPK1, PLEC, MIR661, PARP10, GRINA, SPATC1, OPLAH, EXOSC4, GPAA1, CYC1, SHARPIN, MAF1, KIAA1875, C8orf30A, HEATR7A, SCXB, SCXA, BOP1, HSF1, DGAT1, SCRT1, C8ORFK29, FBXL6, GPR172A, ADCK5, CPSF1, MIR939, MIR1234, SLC39A4, VPS28, NFKBIL2, CYHR1, KIFC2, FOXH1, PPP1R16A, GPT, MFSD3, RECQL4, LRR14, LRR24, MGC70857, ARHGAP39, ZNF251, ZNF34, RPL8, ZNF517, ZNF7, COMMD5, ZNF250
Amplification	chr9	p21.1	28,173,829	28,182,980	6	0.79188	5.94E-13	LINGO2
Amplification	chr10	p15.1	6,255,513	6,268,572	8	0.789232	6.12E-12	PFKFB3
Amplification	chr10	p12.31	21,746,318	21,864,790	71	0.345248	1.49E-23	C10orf114, MIR1915, C10orf140, MLLT10
Amplification	chr10	q11.22	46,384,985	46,568,552	72	0.503168	3.74E-28	SYT15, GPRIN2, PPYR1, LOC643650, LOC728643
Amplification	chr10	q11.23	52,873,705	52,881,742	6	1.027098	6.15E-21	PRKG1

Amplification	chr11	p15.5 - p15.4	261,603	3,213,228	1194	0.351526	NA	NLRP6, ATHL1, IFITM5, IFITM2, IFITM1, IFITM3, B4GALNT4, PKP3, SIGIRR, ANO9, PTDSS2, RNH1, HRAS, LRRC56, C11orf35, RASSF7, MIR210, LOC143666, PHRF1, IRF7, CDHR5, SCT, DRD4, DEAF1, TMEM80, EPS8L2, TALDO1, PDDC1, CEND1, SLC25A22, LRDD, RPLP2, SNORA52, PNPLA2, EFCAB4A, CD151, POLR2L, TSPAN4, CHID1, AP2A2, MUC6, MUC2, MUC5B, TOLLIP, LOC255512, BRSK2, MOB2, DUSP8, LOC338651, KRTAP5-1, KRTAP5-2, KRTAP5-3, KRTAP5-4, KRTAP5-5, FAM99A, FAM99B, KRTAP5-6, LOC402778, CTSD, SYT8, TNNI2, LSP1, TNNT3, MRPL23, LOC100133545, H19, MIR675, IGF2, INS-IGF2, MIR483, IGF2AS, INS, TH, ASCL2, C11orf21, TSPAN32, CD81, TSSC4, TRPM5, KCNQ1, KCNQ1OT1, KCNQ1DN, CDKN1C, SLC22A18AS, SLC22A18, PHLDA2, NAP1L4, SNORA54, CARS, OSBP5, MRGPRG, C11orf36, MRGPRE
Deletion	chr11	p15.4	5,741,031	5,769,835	18	-1.141029	6.28E-61	OR52N5, OR52N1
Deletion	chr11	p15.4	7,774,067	7,783,551	7	-4.728037	1.65E-111	OR5P2
Amplification	chr11	p15.2	14,224,305	14,258,953	19	0.489635	1.03E-13	SPON1, RRAS2
Amplification	chr11	p15.1	18,906,505	18,917,242	6	0.882046	3.85E-12	MRGPRX1
Amplification	chr11	q23.3	118,712,459	118,736,201	13	0.848633	1.58E-16	RNF26, C1QTNF5, MFRP, USP2
Amplification	chr11	q24.3	129,802,472	129,806,879	4	1.126169	6.94E-12	ADAMTS8
Amplification	chr12	p13.33	111,454	195,230	45	0.488018	9.40E-30	IQSEC3, LOC574538, SLC6A12
Amplification	chr12	p13.31	9,528,590	9,573,372	8	1.453721	3.70E-30	
Amplification	chr12	p13.2	11,109,483	11,140,477	11	0.745912	1.23E-16	PRR4, PRH1, TAS2R43
Amplification	chr12	q13.13	49,269,874	49,278,336	5	0.844432	1.23E-10	DIP2B
Amplification	chr12	q13.13	52,616,438	52,730,998	117	0.53354	8.84E-52	HOXC13, HOXC12, HOTAIR, HOXC11, HOXC10, MIR196A2, HOXC9, HOXC8, HOXC4, HOXC5, HOXC6, MIR615
Deletion	chr12	q24.31	119,790,502	119,802,251	6	-0.727318	1.74E-12	SPPL3
Amplification	chr12	q24.33	128,869,663	128,885,302	9	0.813393	5.41E-12	TMEM132D
Deletion	chr13	q13.2	33,033,905	33,042,616	3	-1.229684	1.14E-12	
Amplification	chr13	q14.11	42,497,481	42,504,644	5	1.794462	1.79E-43	DNAJC15
Deletion	chr13	q21.1	56,657,371	56,685,400	15	-1.11487	2.03E-40	
Deletion	chr14	q11.2	21,462,313	22,003,174	262	-0.38186	3.57E-99	

Deletion	chr14	q24.3	73,072,457	73,092,168	7	-2.128312	7.88E-49	HEATR4, ACOT1
Amplification	chr14	q31.1	79,176,037	79,183,213	4	1.057981	6.83E-11	NRXN3
Amplification	chr14	q32.2	98,762,970	98,812,371	29	0.595675	5.71E-15	BCL11B
Amplification	chr14	q32.33	105,314,254	105,425,486	40	2.650052	NA	
Amplification	chr14	q32.33	105,397,801	105,401,460	3	0.33127	9.05E-44	
Amplification	chr14	q32.33	105,403,001	105,416,455	7	4.596069	8.92E-23	
Amplification	chr14	q32.33	105,428,694	105,597,614	39	0.865377	3.49E-46	KIAA0125, ADAM6
Deletion	chr14	q32.33	105,602,602	105,632,227	12	-2.704921	4.23E-108	
Amplification	chr14	q32.33	105,707,746	105,760,600	11	0.892021	2.01E-16	
Amplification	chr14	q32.33	105,856,972	105,875,983	4	3.364777	3.24E-51	
Amplification	chr15	q11.2	18,741,716	20,079,994	149	0.909597	1.023e-317	GOLGA6L6, GOLGA8C, BCL8, LOC646214, CXADRP2, POTE8, NF1P1, LOC727924, OR4M2, OR4N4, OR4N3P, LOC646396
Deletion	chr15	q14	32,517,839	32,594,245	24	-1.123024	2.01E-71	
Amplification	chr15	q14	35,174,207	35,183,663	6	0.8799	6.00E-14	MEIS2
Amplification	chr15	q24.3	74,671,626	74,680,498	4	2.591593	1.74E-36	SCAPER
Deletion	chr15	q26.3	98,234,519	98,239,513	3	-4.324811	3.14E-53	
Deletion	chr16	p11.2 - p11.1	34,325,501	34,584,850	49	-0.449011	3.10E-27	LOC283914, LOC146481
Deletion	chr16	q22.3	70,641,420	70,665,497	8	-0.957464	3.15E-22	HP, HPR
Amplification	chr17	p13.3	1,906,319	1,906,436	3	2.402664	2.57E-35	HIC1
Amplification	chr17	q21.2	36,675,987	36,684,678	6	2.913734	1.03E-45	
Deletion	chr17	q21.31	41,521,544	41,710,444	67	-0.910044	1.85E-198	KIAA1267
Amplification	chr17	q23.2	58,081,985	58,145,156	32	0.400926	2.98E-15	MRC2, MARCH10
Amplification	chr18	q12.2	33,098,249	33,419,351	158	0.372887	3.24E-58	CELF4

Amplification	chr19	p13.3 - p13.11	218,636	19,724,695	9039	0.276649	NA	SHC2, ODF3L2, MADCAM1, C19orf20, CDC34, GZMM, BSG, HCN2, POLRMT, FGF22, RNF126, FSTL3, PRSSL1, PALM, C19orf21, PTBP1, LPPR3, AZU1, PRTN3, ELANE, CFD, MED16, C19orf22, KISS1R, ARID3A, WDR18, GRIN3B, C19orf6, CNN2, ABCA7, HMHA1, POLR2E, GPX4, SBNO2, STK11, C19orf26, ATP5D, MIDN, C19orf23, CIRBP, C19orf24, EFNA2, MUM1, NDUFS7, GAMT, DAZAP1, RPS15, APC2, C19orf25, PCSK4, REEP6, ADAMTSL5, PLK5P, MEX3D, MBD3, UQCR11, TCF3, ONECUT3, ATP8B3, REXO1, MIR1909, KLF16, FAM108A1, SCAMP4, ADAT3, CSNK1G2, C19orf34, BTBD2, MKNK2, MOBKL2A, C19orf36, AP3D1, DOT1L, PLEKHJ1, MIR1227, SF3A2, AMH, JSRP1, OAZ1, C19orf35, LINGO3, LSM7, SPPL2B, TMPPRS59, TIMM13, LMNB2, GADD45B, GNG7, DIRAS1, SLC39A3, SGTA, THOP1, ZNF554, ZNF555, ZNF556, ZNF57, ZNF77, TLE6, TLE2, AES, GNA11, GNA15, S1PR4, NCLN, CELF5, NFIC, C19orf77, DOHH, FZR1, C19orf28, C19orf71, HMG20B, GIPC3, TBXA2R, C19orf29, PIP5K1C, TJP3, APBA3, MRPL54, RAX2, MATK, ZFR2, ATCAY, ITGB1BP3, DAPK3, MIR637, EEF2, SNORD37, PIAS4, ZBTB7A, MAP2K2, CREB3L3, SIRT6, ANKRD24, EBI3, CCDC94, SHD, TMIGD2, FSD1, STAP2, MPND, SH3GL1, CHAF1A, UBXN6, HDGFRP2, PLIN4, PLIN5, LRG1, SEMA6B, TNFAIP8L1, C19orf10, DPP9, C19orf30, MIR7-3, FEM1A, TICAM1, PLIN3, ARRD5, UHRF1, KDM4B, PTPRS, ZNRF4, PLAC2, SAFB2, SAFB, C19orf70, HSD11B1L, RPL36, LONP1, TMEM146, PRR22, DUS3L, NRTN, FUT6, FUT3, FUT5, NDUFA11, VMAC, CAPS, RANBP3, RFX2, ACSBG2, MLLT1, ACER1, CLPP, ALKBH7, PSPN, GTF2F1, KHSRP, SLC25A41, SLC25A23, CRB3,
Amplification	chr19	p13.12	14,444,753	14,454,959	7	1.007032	1.48E-11	PTGER1, GIPC1
Deletion	chr19	q13.33	56,825,794	56,840,401	8	-3.845895	8.54E-83	SIGLEC14
Deletion	chr20	p13	1,511,632	1,532,485	10	-2.807056	1.42E-74	SIRPB1
Deletion	chr20	q11.23	36,536,123	36,546,515	6	-0.718292	2.54E-11	RALGAPB
Amplification	chr20	q13.33	59,002,447	59,025,401	10	0.860508	1.03E-15	
Amplification	chr21	p11.2	9,882,922	9,965,931	5	1.071656	8.12E-17	TPTE
Deletion	chr21	q21.1	22,577,751	22,585,099	3	-1.197483	1.74E-11	
Amplification	chr22	q11.22	20,729,331	21,369,571	278	0.836059	1.04E-295	VPREB1, LOC96610, ZNF280B, ZNF280A, PRAME, LOC648691, POM121L1P, GGTL2C
Amplification	chr22	q11.22	21,371,845	21,576,911	125	2.703152	NA	MIR650, IGLL5
Deletion	chr22	q11.23	22,677,959	22,725,353	22	-3.088192	5.77E-286	LOC391322, GSTT1, GSTTP2
Deletion	chr22	q11.23	22,704,683	22,708,068	3	-6.109257	1.88E-16	GSTT1
Deletion	chr22	q13.1	37,689,058	37,709,359	14	-0.575898	6.24E-23	APOBEC3A, APOBEC3B
Amplification	chr22	q13.2	41,226,643	41,279,529	11	1.271415	3.22E-34	SERHL, RRP7A