

Mapping autism risk loci using genetic linkage and chromosomal rearrangements (The Autism Genome Project (AGP) Consortium)

Supplementary Table 1. List of 624 CNVs in Filtered Analysis.

Supplementary Table 4: List of 624 CNVs in Filtered Analysis (NCBI Build 35)

Sample ID	CNV/sample	Chr	Cytoband	Start	Stop	Size	#SNPs/segment	CNV	Familial	Mendelian error	dGV	RefGene	% overlap
NAAR009-H10-8250-111	1	1	1p36.22(1p36.21	10,931,500	15,413,600	4,482,100	16	gain	yes		yes	TNFRSF8 NM_152942 I CLCN6 NM_021737 PRAMEF3 NM_001013692 PRAMEF1	31.5%
NAAR051-F7-HI2612	2	1	1p36.22(1p36.21	10,931,500	15,413,600	4,482,100	16	gain	yes		yes	PRAMEF3 NM_001013692 UMASP2 NM_006610 FLJ43806 NM_201628 TNFRSF1	31.5%
NAAR065-D7-HI2326	2	1	1p36.12	21,400,700	21,625,400	224,700	2	gain			yes	NBPF3 NM_032264 U ALPL NM_000478	64.0%
NAAR030-C12-3198.001	2	1	1p35.3	29,119,600	29,842,200	722,600	6	gain				SFRS4 NM_005626 P TPRJ NM_005704 MECR NM_001024732 EPB41 NM_203:	0.0%
NAAR047-C10-01C08464	2	1	1p35.2	30,265,700	30,817,000	551,300	8	loss	yes	yes	yes		6.4%
NAAR047-C8-01C08462	1	1	1p35.2	30,265,700	30,817,000	551,300	8	loss	yes		yes		6.4%
NAAR060-G3-HI2323	1	1	1p35.2	30,265,700	30,896,500	630,800	9	loss	yes		yes	MATN1 NM_002379 L LAPTM5 NM_006762	5.6%
NAAR030-F11-3196.001	1	1	1p35.2	30,562,400	30,562,600	200	2	loss					0.0%
NAAR036-E11-1014-E11-P2	5	1	1p35.2	30,697,200	30,697,400	200	2	gain					0.0%
NAAR027-A9-3124.001	1	1	1p34.3(1p34.2	38,959,900	40,212,000	1,252,100	4	loss			yes	PPIE NM_006112 I CAP1 NM_006367 RRAGC NM_022157 PPIE NM_203456 IHP	25.4%
NAAR074-A7-04C35667	5	1	1p31.3	60,389,500	61,350,000	960,500	6	gain	yes			NFIA NM_005595	0.0%
NAAR074-C3-04C35691	1	1	1p31.3	60,629,100	61,350,000	720,900	5	gain	yes			NFIA NM_005595	0.0%
NAAR074-D1-04C35701	1	1	1p31.3	60,629,100	61,350,000	720,900	5	gain	yes			NFIA NM_005595	0.0%
NAAR033-A8-3271.005	4	1	1p31.1	72,615,000	73,633,800	1,018,800	6	loss					30.1%
NAAR077-D7-04C38331	5	1	1p31.1	72,615,000	75,810,500	3,195,500	9	gain					13.1%
NAAR001-H4-8021-101	4	1	1p31.1	72,676,100	73,633,800	957,700	5	loss					32.0%
NAAR004-C3-8001-101	1	1	1p31.1	75,246,800	77,104,000	1,857,200	11	gain			yes	TNNI3K NM_015978 I CRYZ NM_001889 FPGT NM_003838 ILHX8 NM_00100193:	12.0%
NAAR003-D2-8055-204	1	1	1p21.2	101,987,000	101,988,000	11,000	3	loss			yes	RABGGTB NM_004582 I ACADM NM_000016 I SLC44A5 NM_152697 ILHX8 NM_0:	14.3%
NAAR024-G11-3072.006	2	1	1p21.1	105,739,000	105,801,000	62,000	3	gain				OLFMS3 NM_058170	0.0%
NAAR066-H6-HI2815	1	1	1p21.1	105,739,000	105,801,000	62,000	3	gain			yes		100.0%
NAAR064-F5-HI2040	5	1	1p13.3(1p13.2	111,297,000	111,951,000	654,000	7	gain			yes	ADORA3 NM_020683 I ATP5F1 NM_00102014 ADORA3 NM_000677 CHIA NM_:	2.8%
NAAR007-D4-8172-111	1	1	1q21.1	143,780,000	144,894,000	1,114,000	7	gain	yes			GJA5 NM_005266 I CHD1L NM_004284 NBCL9 NM_004326 VFMOSJ NM_001461 VGF	33.6%
NAAR007-D5-8172-201	1	1	1q21.1	143,780,000	144,894,000	1,114,000	7	gain	yes			GJA5 NM_005266 I CHD1L NM_004284 NBCL9 NM_004326 VFMOSJ NM_001461 VGF	33.6%
NAAR007-D6-8172-202	1	1	1q21.1	143,780,000	144,894,000	1,114,000	7	gain	yes			GJA5 NM_005266 I CHD1L NM_004284 NBCL9 NM_004326 VFMOSJ NM_001461 VGF	33.6%
NAAR025-E10-3090.002	1	1	1q21.1	143,780,000	144,479,000	699,000	6	gain			yes	GJA5 NM_005266 I CHD1L NM_004284 NBCL9 NM_004326 VFMOSJ NM_001461 VGF	40.1%
NAAR048-G5-02C09922	1	1	1q21.1	143,780,000	144,894,000	1,114,000	7	gain			yes	GJA5 NM_005266 I CHD1L NM_004284 NBCL9 NM_004326 VFMOSJ NM_001461 VGF	33.6%
NAAR070-D8-HI3079	1	1	1q21.1	143,780,000	144,894,000	1,114,000	7	loss		yes	yes	GJA5 NM_005266 I CHD1L NM_004284 NBCL9 NM_004326 VFMOSJ NM_001461 VGF	33.6%
NAAR006-A3-8125-201	6	1	1q23.3	158,901,000	159,090,000	189,000	6	gain			yes	C1orf111 NM_182581 I NOS1AP NM_014697	100.0%
NAAR069-H9-04C29142	3	1	1q23.3	158,901,000	159,599,000	698,000	7	gain			yes	C1orf111 NM_182581 U UAP1 NM_003115 NOS1AP NM_014697 DDR2 NM_0010:	47.9%
NAAR073-E2-04C35325	2	1	1q25.2(1q25.3(1q31.1	173,880,000	187,320,000	13,440,000	65	loss			yes	FAM5C NM_199051 NMNAT2 NM_015039 DHX9 NM_001357 GSCN6 NM_0010:	4.6%
NAAR054-H7-HI0392	1	1	1q25.3	178,646,000	179,224,000	578,000	4	loss				TEDDM1 NM_172000 V RGS1 NM_181572 L GLUL NM_002065 V RGS2 NM_03226	0.0%
NAAR039-G11-1013-B2	2	1	1q25.3	182,320,000	182,320,000	781,000	9	loss			yes	RNF2 NM_007212 I VNS1ABP NM_016389 I VNS1ABP NM_006469 C1orf24 NM_:	6.7%
NAAR058-E4-HI1581	1	1	1q31.1	185,134,000	185,838,000	704,000	7	loss					0.0%
NAAR073-E2-04C35325	2	1	1q31.2(1q31.3	188,229,000	191,743,000	3,514,000	12	loss		yes	yes	RGS1 NM_002922 V RGS18 NM_130782 U UCHL5 NM_015984 V RGS13 NM_144766:	3.7%
NAAR053-A1-HI1319	3	1	1q32.3(1q31	210,055,000	211,720,000	1,665,000	8	gain				SMYD2 NM_020197 I CKNK2 NM_001017424 I PROX1 NM_002763 I CKNK2 NM_0:	0.0%
NAAR027-C1-3114.006	1	1	1q42.3	232,746,000	232,746,000	0	2	loss				ERO1LBJ NM_019891	0.0%
NAAR044-D7-01C06476	1	1	1q42.3	232,746,000	232,746,000	0	2	loss				ERO1LBJ NM_019891	0.0%
NAAR048-G6-02C09923	2	1	1q42.3	232,746,000	232,746,000	0	2	loss				ERO1LBJ NM_019891	0.0%
NAAR050-A1-HI2416	1	1	1q42.3	232,746,000	232,746,000	0	2	loss				ERO1LBJ NM_019891	0.0%
NAAR008-E1-8205-111	1	1	1q44	240,634,000	245,120,000	4,486,000	12	gain			yes	OR2T3 NM_001004695 OR2L2 NM_001004696 OR2T3 NM_001005495 OR11L:	29.6%
NAAR049-C1-02C10076	1	1	1q44	241,486,000	241,862,000	376,000	4	gain				EFCAB2 NM_032328	0.0%
NAAR029-E6-3166.002	1	1	1q44	244,248,000	245,120,000	872,000	4	gain			yes	OR2T3 NM_001004695 OR2L2 NM_001004696 OR2T3 NM_001005495 OR11L:	79.6%
NAAR043-F6-01C06146	1	2	2p25.3	1,725,230	1,743,780	18,550	3	gain	yes				0.0%
NAAR043-F7-01C06147	1	2	2p25.3	1,725,230	1,743,780	18,550	3	gain	yes				0.0%
NAAR027-D1-3114.007	1	2	2p25.3	3,385,140	3,597,520	212,380	4	gain					0.0%
NAAR053-F7-HI0081	3	2	2p24.3	14,316,000	16,390,700	2,074,700	12	gain				NAG NM_015909 I FAM84A NM_145175 I MYCN NM_005378 I DDX1 NM_004939	11.7%
NAAR056-F7-HI0995	1	2	2p24.3	14,316,000	15,674,900	1,358,900	11	gain			yes	NAG NM_015909 I FAM84A NM_145175	17.8%
NAAR057-H7-HI1359	4	2	2p24.3	14,316,000	15,674,900	1,358,900	11	gain			yes	NAG NM_015909 I FAM84A NM_145175	17.8%
NAAR072-H7-HI1818	2	2	2p24.3	14,316,000	15,674,900	1,358,900	11	gain			yes	NAG NM_015909 I FAM84A NM_145175	17.8%
NAAR023-A10-3047.002	1	2	2p24.2	17,113,300	17,558,400	445,100	6	loss	yes		yes		2.4%
NAAR023-B10-3047.004	1	2	2p24.2	17,113,300	17,558,400	445,100	6	loss	yes	yes	yes		2.4%
NAAR032-E1-3222.002	1	2	2p24.1	21,249,500	21,510,300	260,800	5	gain	yes		yes		0.0%
NAAR032-G1-3222.004	2	2	2p24.1	21,249,500	22,833,700	1,584,200	7	gain	yes		yes		6.8%
NAAR050-E5-02C11285	1	2	2p24.1	23,586,800	23,634,900	48,100	3	loss					0.0%
NAAR067-F3-HI1481	4	2	2p22.3	32,986,100	33,204,100	218,000	3	gain				LTBP1 NM_206943	0.0%
NAAR044-F6-01C06511	1	2	2p22.3	35,794,200	35,911,300	117,100	5	loss			yes		100.0%
NAAR049-C11-02C10134	1	2	2p16.3	50,430,000	50,785,300	355,300	5	loss			yes	NRXN1 NM_004801 I NRXN1 NM_138735	17.6%
NAAR049-C8-02C10130	1	2	2p16.3	50,430,000	50,785,300	355,300	5	loss			yes	NRXN1 NM_004801 I NRXN1 NM_138735	17.6%
NAAR010-E6-8265-201	1	2	2p16.3	51,891,200	52,313,100	421,900	4	gain					0.0%
NAAR050-B12-02C10068	1	2	2p16.2	54,196,100	54,352,000	155,900	5	loss				ACYF2 NM_138448	0.0%
NAAR050-C1-02C10076	1	2	2p16.2	54,196,100	54,352,000	155,900	5	loss				ACYF2 NM_138448	0.0%
NAAR050-C2-02C10077	1	2	2p16.2	54,196,100	54,352,000	155,900	5	loss				ACYF2 NM_138448	0.0%
NAAR043-H6-01C06231	4	2	2p16.1	58,068,200	59,840,200	1,772,000	6	gain			yes	VRK2 NM_006296 I FANCL NM_018062	86.6%
NAAR031-G12-POS	2	2	2p14(2p13.3	66,633,500	68,919,000	2,285,500	10	gain			yes	C1D NM_173177 I MEIS1 NM_002398 I PPP3R1 NM_000945 I LOC554251 NM_0010:	8.7%
NAAR078-C9-F-031-003	2	2	2p12	79,137,300	79,137,300	100	2	loss					0.0%
NAAR076-F3-04C37083	1	2	2p12	83,036,400	83,036,500	100	2	loss					0.0%
NAAR071-G6-04C33169	1	2	2p11.2	83,832,600	84,397,700	565,100	7	gain			yes		7.8%
NAAR002-G8-8044-101	1	2	2p11.2	88,993,300	88,993,400	100	2	loss			yes		100.0%
NAAR003-A5-8047-202	4	2	2p11.2	88,993,300	88,993,400	100	2	loss			yes		100.0%
NAAR003-F10-8064-201	1	2	2p11.2	88,993,300	88,993,400	100	2	loss			yes		100.0%
NAAR052-E11-HI0559	1	2	2q12.1	104,863,000	104,863,000	0	3	loss					0.0%
NAAR052-G3-HI0186	1	2	2q12.3	106,922,000	107,678,000	756,000	7						

Sample ID	CNV/sample	Chr	Cytoband	Start	Stop	Size	#SNPs/segment	CNV	Familial	Mendelian error	dGV	RefGene	% overlap	
NAAR015-H9-R-103-008	1	2	2q22.3	145,475,000	145,587,000	112,000	3	gain					0.0%	
NAAR050-D4-02C11231	1	2	2q23.3 2q24.1	152,760,000	158,096,000	5,336,000	29	loss			yes	NR4A2 NM_006186 CACNB4 NM_001005746 KCNJ3 NM_002239 ARL6IP6 NM_002239	13.2%	
NAAR001-A9-8002-202	7	2	2q24.1	154,759,000	155,131,000	372,000	4	loss				GALNT13 NM_052917	0.0%	
NAAR071-F2-04C33150	1	2	2q24.1	156,592,000	157,717,000	1,125,000	8	gain				NR4A2 NM_006186 NR4A2 NM_173172 IGPD2 NM_000408 NR4A2 NM_173171	0.0%	
NAAR077-H7-05C40979	1	2	2q24.3	165,478,000	166,218,000	740,000	4	gain			yes	SCN2A2 NM_021007 SCN3A NM_006922 COBLL1 NM_014900 FLJ39822 NM_1	100.0%	
NAAR048-G6-02C09923	2	2	2q31.1	172,258,000	172,303,000	45,000	3	loss					0.0%	
NAAR006-A3-8125-201	6	2	2q32.1	184,270,000	186,428,000	2,158,000	11	gain	yes		yes	C2orf10 NM_194250	14.5%	
NAAR006-A4-8125-202	1	2	2q32.1	184,623,000	186,428,000	1,805,000	9	gain	yes		yes	C2orf10 NM_194250	9.2%	
NAAR057-F1-HI1281	2	2	2q32.1	185,302,000	186,892,000	1,590,000	8	gain				FLJ44048 NM_207482 C2orf10 NM_194250 WFSIP2 NM_173651	0.0%	
NAAR072-A12-HI3255	1	2	2q33.3	206,453,000	206,453,000	0	2	loss				NRP2 NM_018534 NRP2 NM_201266 NRP2 NM_003872 NRP2 NM_201279 NR1	0.0%	
NAAR072-H7-HI1818	2	2	2q35 2q36.1	216,710,000	222,518,000	5,808,000	19	gain			yes	IGFBP5 NM_000599 TUBA1 NM_006000 CRYBA2 NM_057094 PEPCR NM_01844	5.6%	
NAAR075-G4-04C36260	1	3	3p26.3	1,100,380	1,167,990	67,610	3	loss				CNTN6 NM_014461	100.0%	
NAAR062-A2-HI0717	1	3	3p26.3	1,478,480	2,264,800	786,320	6	gain				CNTN4 NM_175607	47.3%	
NAAR009-F6-8241-111	1	3	3p25.3	8,379,730	8,917,610	537,880	8	loss				C3orf32 NM_015931 L0H3CR2A NM_013343 CAV3 NM_001234 CAV3 NM_0332	0.0%	
NAAR009-F8-8241-202	1	3	3p25.3	8,379,730	8,917,610	537,880	8	loss				C3orf32 NM_015931 L0H3CR2A NM_013343 CAV3 NM_001234 CAV3 NM_0332	0.0%	
NAAR027-D4-3118.002	3	3	3p25.2 3p25.1	12,870,700	13,806,400	935,700	4	gain			yes	HDAC11 NM_024827 FBLN2 NM_001998 FBLN2 NM_001004019 NUP210 NM_0	39.5%	
NAAR058-D6-HI1540	6	3	3p14.2	59,347,700	59,711,600	363,900	7	gain				FHIT NM_002012	0.0%	
NAAR007-B2-8159-101	1	3	3p14.1	67,773,300	68,967,900	1,194,600	7	loss	yes		yes	SUCLG2 NM_003848 IFAM19A4 NM_001005527 IFAM19A1 NM_213609 IFAM19A	2.1%	
NAAR007-B4-AU32503	1	3	3p14.1	67,773,300	68,967,900	1,194,600	7	loss	yes	yes	yes	SUCLG2 NM_003848 IFAM19A4 NM_001005527 IFAM19A1 NM_213609 IFAM19A	2.1%	
NAAR007-B6-8159-203	1	3	3p14.1	67,773,300	68,967,900	1,194,600	7	loss	yes	yes	yes	SUCLG2 NM_003848 IFAM19A4 NM_001005527 IFAM19A1 NM_213609 IFAM19A	2.1%	
NAAR077-H11-HI1824	4	3	3p13	70,753,700	71,252,700	499,000	4	gain				FOXP1 NM_032682	0.0%	
NAAR030-F9-3192.001	1	3	3p12.2	82,496,200	83,190,200	694,000	6	gain	yes				0.2%	
NAAR037-A9-1014-A9-P3	3	3	3p12.2	82,496,200	83,190,200	694,000	6	gain	yes		yes		0.2%	
NAAR025-D4-3081.005	1	3	3p12.1	85,618,700	85,619,200	500	3	loss			yes		0.0%	
NAAR038-H4-1010-A4-P1	1	3	3p12.1	85,618,700	85,619,200	500	3	loss					0.0%	
NAAR076-A7-04C36353	1	3	3p12.1	85,618,700	85,619,200	500	3	loss					0.0%	
NAAR078-D11-R-001-017	1	3	3p12.1	85,618,700	85,619,200	500	3	loss					0.0%	
NAAR020-F1-HI1314	4	3	3p11.1	88,032,900	88,845,400	812,500	3	gain				HTR1F NM_00866 ICGGBP1 NM_001008390 ICGGBP1 NM_003663 ZNF654 NM	0.0%	
NAAR072-G5-HI0615	1	3	3q13.31	117,973,000	118,274,000	301,000	5	loss	yes				0.0%	
NAARCP2-D11-HI0615	1	3	3q13.31	117,973,000	118,274,000	301,000	5	loss	yes				0.0%	
NAAR049-E2-02C10442	1	3	3q24	149,082,000	149,082,000	0	2	loss					0.0%	
NAAR054-G9-HI0354	1	3	3q24	149,082,000	149,082,000	0	2	loss					0.0%	
NAAR064-F5-HI2040	5	3	3q25.1 3q25.2	152,567,000	154,110,000	1,543,000	8	gain				MBNL1 NM_207294 AADAC NM_001086 MBNL1 NM_021038 MBNL1 NM_20729	39.2%	
NAAR007-F6-8177-202	3	3	3q25.3 3q25.32	159,424,000	159,424,000	1,907,000	10	gain	yes		yes	SHOX2 NM_006884 TIPARP NM_015508 FLJ16641 NM_001004316 SSSR3 NM_C	8.6%	
NAAR064-F12-HI2093	5	3	3q25.3 3q25.32	157,517,000	158,701,000	1,184,000	7	gain				TIPARP NM_015508 FLJ16641 NM_001004316 SSSR3 NM_007107 KCNAB1 NM_	10.8%	
NAAR045-E11-01C07334	1	3	3q25.33 3q26.1	160,960,000	162,570,000	1,610,000	7	gain	yes			KPNA4 NM_002268 B3GALT3 NM_033168 TRIM59 NM_173084 SMC4L1 NM_00	1.8%	
NAAR035-G7-1014-G7-P1	2	3	3q26.1	163,337,000	163,337,000	0	2	gain					0.0%	
NAAR017-A10-T-006-001	1	3	3q28 3q29	193,786,000	195,272,000	1,486,000	12	loss			yes	HRA NM_020386 IOPA1 NM_130837 IOPA1 NM_130831 IATP13A4 NM_03227	36.4%	
NAAR059-C9-HI1878	1	3	3q29	196,940,000	197,775,000	835,000	2	gain				MUC4 NM_018406 MUC20 NM_152673 TFRC NM_003234 TNK2 NM_005781 U	100.0%	
NAAR051-C4-HI2583	1	4	4p16.3	398,952	3,565,630	3,166,678	4	gain				TACC3 NM_006342 LOC345222 NM_001012982 C4orf15 NM_024511 WHSC1 N	21.2%	
NAAR052-F6-HI0682	3	4	4p16.3 4p16.2 4p16.1	398,952	17,044,800	16,645,848	64	loss			yes	TACC3 NM_006342 LOC345222 NM_001012982 SH3TC1 NM_018986 PROM1 N	25.0%	
NAAR062-H3-HI1083	2	4	4p16.3 4p16.2 4p16.1	398,952	6,790,030	6,391,078	12	gain		yes	yes	TACC3 NM_006342 LOC345222 NM_001012982 STK32B NM_018401 SLC26A1 N	27.6%	
NAAR071-BB-HI3174	2	4	4p15.3 4p16.1	10,760,900	11,857,300	1,096,400	7	gain			yes	H3S3T1 NM_005114	1.0%	
NAAR052-F6-HI0682	3	4	4p15.32 4p15.31 4p15.1	18,188,800	23,734,300	5,545,500	20	gain		yes		GPR125 NM_145290 KCNIP4 NM_025221 MGC29898 NM_145048 GBA3 NM_02	17.3%	
NAAR035-C8-1014-C8-P1	1	4	4p15.2	24,846,300	24,846,500	200	2	gain					0.0%	
NAAR045-G12-POS	4	4	4p15.2 4p15.1	27,420,500	28,639,200	1,218,700	8	gain	yes				24.9%	
NAAR054-G12-POS	1	4	4p15.1	28,022,000	31,238,500	3,216,500	12	gain	yes			PCDH7 NM_032457 PCDH7 NM_032456 PCDH7 NM_002589	25.1%	
NAAR065-F7-HI2361	3	4	4p15.1	28,022,000	28,870,800	848,800	7	gain					37.3%	
NAAR065-G7-HI1752	8	4	4p15.1	28,022,000	28,639,200	617,200	6	gain					48.4%	
NAAR049-B1-02C10026	2	4	4p15.1	28,415,900	28,639,200	223,300	5	gain					yes	46.3%
NAAR041-G3-01C05464	1	4	4p14	36,753,900	36,754,600	700	2	loss					0.0%	
NAAR047-C1-01C08451	2	4	4p14	36,753,900	36,754,600	700	2	loss					0.0%	
NAAR071-F10-04C33160	1	4	4p14	36,753,900	36,754,600	700	2	loss					0.0%	
NAAR074-G9-04C35936	1	4	4p14	36,753,900	36,754,600	700	2	loss					0.0%	
NAAR033-C1-3257.002	1	4	4q13.3	71,219,300	71,371,300	152,000	4	loss	yes			APININ NM_017855 C4orf7 NM_152997 CSN3 NM_005212	0.0%	
NAAR033-E1-3257.005	1	4	4q13.3	71,219,300	71,371,300	152,000	4	loss	yes		yes	APININ NM_017855 C4orf7 NM_152997 CSN3 NM_005212	0.0%	
NAAR001-A9-8002-202	7	4	4q13.3	71,370,900	71,371,300	400	3	loss					0.0%	
NAAR072-D11-04C34503	1	4	4q13.3	71,370,900	71,371,300	400	3	gain					0.0%	
NAAR066-A3-HI0147	1	4	4q21.22	83,267,800	83,268,300	500	2	loss					0.0%	
NAAR010-F6-8268-111	1	4	4q26	116,524,000	118,226,000	1,702,000	9	gain	yes		yes		18.1%	
NAAR010-F7-8268-201	1	4	4q26	117,347,000	118,226,000	879,000	7	gain	yes		yes		11.2%	
NAAR015-E3-F-022-002	1	4	4q28.1	127,566,000	128,446,000	880,000	8	gain					0.0%	
NAAR061-D2-HI0427	2	4	4q32.2	164,134,000	164,820,000	686,000	3	gain			yes	NPY5R NM_006174 NPY1R NM_000909 LOC92345 NM_138386 FLJ11184 NM_1	0.4%	
NAAR069-F6-HI2662	2	4	4q32.2 4q32.3	164,134,000	167,151,000	3,017,000	15	gain			yes	KLHL2 NM_007246 NPY5R NM_006174 CPE NM_001873 NPY1R NM_000909 L	5.9%	
NAAR044-H2-01C06588	1	4	4q34.1	173,117,000	173,653,000	536,000	6	gain			yes	LOC442117 NM_001034845	0.3%	
NAAR014-E11-19992227	1	4	4q34.2 4q34.3	177,732,000	178,003,000	271,000	6	gain				VEGFC NM_005429	0.0%	
NAAR047-C1-01C08451	2	4	4q34.3	179,062,000	179,589,000	527,000	5	gain					0.0%	
NAAR046-F3-01C08055	2	4	4q34.3 4q35.1 4q35.2	182,216,000	188,232,000	6,016,000	27	gain			yes	DCTD NM_001017232 TLR3 NM_003265 FLJ30277 NM_153008 IFLJ12716 NM_1	11.6%	
NAAR010-E5-8265-111	1	4	4q34.3	182,703,000	182,703,000	0	3	gain					0.0%	
NAAR031-C8-3213.002	1	4	4q34.3	182,703,000	182,703,000	0	3	gain					0.0%	
NAAR033-E7-3271.001	3	4	4q34.3	182,703,000	182,703,000	0	3	loss					0.0%	
NAAR047-F7-01C08499	1	4	4q35.1 4q35.2	185,809,000	189,310,000	3,501,000	17	gain	yes			TLR3 NM_003265 FLJ11200 NM_018359 DKFZP564J102 NM_001006655 SORB	14.9%	
NAAR														

Sample ID	CNV/sample	Chr	Cytoband	Start	Stop	Size	#SNPs/segment	CNV	Familial	Mendelian error	dGV	RefGene	% overlap
NAAR007-A6-8156-201	1	4	4q35.2	189,303,000	189,310,000	7,000	3	loss					0.0%
NAAR027-C6-3120.003	1	4	4q35.2	189,303,000	189,310,000	7,000	3	loss	yes				0.0%
NAAR027-D6-3120.004	1	4	4q35.2	189,303,000	189,310,000	7,000	3	loss	yes				0.0%
NAAR027-E6-3120.005	1	4	4q35.2	189,303,000	189,310,000	7,000	3	loss	yes				0.0%
NAAR044-D12-01C06482	1	4	4q35.2	189,303,000	189,310,000	7,000	3	loss					0.0%
NAAR056-B12-HI0790	1	4	4q35.2	189,303,000	189,310,000	7,000	3	loss					0.0%
NAAR068-H2-HI2900	2	4	4q35.2	189,303,000	189,310,000	7,000	3	loss					0.0%
NAAR070-H5-HI3148	1	4	4q35.2	189,303,000	189,310,000	7,000	3	loss	yes				0.0%
NAAR071-A5-HI3159	1	4	4q35.2	189,303,000	189,310,000	7,000	3	loss	yes				0.0%
NAAR071-A7-HI3161	1	4	4q35.2	189,303,000	189,310,000	7,000	3	loss	yes				0.0%
NAAR023-D9-3046.001	1	4	4q35.2	189,670,000	190,118,000	448,000	7	loss	yes		yes		57.5%
NAAR023-F9-3046.003	1	4	4q35.2	189,670,000	190,118,000	448,000	7	loss	yes	yes	yes		57.5%
NAAR062-D4-HI0888	4	4	4q35.2	189,670,000	189,905,000	235,000	5	gain	yes		yes		62.4%
NAAR073-E12-04C35554	1	4	4q35.2	189,670,000	190,118,000	448,000	7	gain	yes		yes		57.5%
NAAR073-F2-04C35556	1	4	4q35.2	189,670,000	190,200,000	530,000	8	gain	yes		yes		57.9%
NAAR073-H10-04C35587	3	4	4q35.2	189,670,000	190,118,000	448,000	7	gain	yes		yes		57.5%
NAAR024-A12-3072.008	1	4	4q35.2	189,808,000	191,091,000	1,283,000	12	loss	yes	yes	yes		72.3%
NAAR024-B12-3072.009	1	4	4q35.2	189,808,000	191,091,000	1,283,000	12	loss	yes	yes	yes		72.3%
NAAR024-G11-3072.006	2	4	4q35.2	189,808,000	191,091,000	1,283,000	12	loss	yes		yes		72.3%
NAAR008-C1-8198-111	1	4	4q35.2	189,897,000	190,666,000	769,000	9	loss			yes		53.8%
NAAR041-G10-01C05471	2	4	4q35.2	190,013,000	191,091,000	1,078,000	8	loss	yes		yes		76.9%
NAAR041-G7-01C05468	2	4	4q35.2	190,013,000	191,091,000	1,078,000	8	loss	yes	yes	yes		76.9%
NAAR046-F3-01C08055	2	4	4q35.2	190,013,000	191,091,000	1,078,000	8	gain			yes		76.9%
NAAR073-C7-04C33155	1	4	4q35.2	190,200,000	191,091,000	891,000	6	gain			yes		75.8%
NAAR003-A5-8047-202	4	5	5p15.331t5p15.321t5p15	1,677,350	8,438,300	6,760,950	43	loss		yes	yes	ADCY2 NM_020546 INSUN2 NM_017755 IRX1 NM_024337 ICE NM_178569 UMTI	13.2%
NAAR045-G12-POS	4	5	5p15.33	1,677,350	4,007,570	2,330,220	15	gain			yes	IRX2 NM_033267 ICE NM_178569 IRX4 NM_016358 MRPL36 NM_032479 IRX1	13.1%
NAAR067-D1-HI2790	4	5	5p15.33	2,372,520	4,007,570	1,635,050	12	gain			yes	IRX2 NM_033267 ICE NM_178569 IRX1 NM_024337	18.6%
NAAR003-A5-8047-202	4	5	5p15.311t5p15.21t5p15	9,538,490	16,046,000	6,507,510	24	loss			yes	LOC134147 NM_138809 CTNND2 NM_001332 LOC134145 NM_199133 FBXL7	18.2%
NAAR030-D12-3198.002	5	5	5p14.1	29,073,500	29,136,100	62,600	4	loss	yes		yes		20.6%
NAAR030-E12-3198.003	1	5	5p14.1	29,073,500	29,136,100	62,600	4	loss	yes	yes	yes		20.6%
NAAR030-F12-3198.004	2	5	5p14.1	29,073,500	29,136,100	62,600	4	loss	yes	yes	yes		20.6%
NAAR031-A1-3198.005	1	5	5p14.1	29,073,500	29,136,100	62,600	4	loss	yes		yes		20.6%
NAAR050-H5-HI2533	2	5	5p14.1	29,073,500	29,136,100	62,600	4	loss	yes	yes	yes		20.6%
NAAR069-C1-HI2941	3	5	5p14.1	29,073,500	29,136,100	62,600	4	loss	yes		yes		20.6%
NAAR041-B8-99C01179	1	5	5p13.3	31,683,400	31,683,500	100	2	loss				PDZK3 NM_015022 IPDK3 NM_178140	0.0%
NAAR075-F3-04C36242	1	5	5p13.3	31,683,400	31,683,500	100	2	loss				PDZK3 NM_015022 IPDK3 NM_178140	0.0%
NAAR030-C3-3179.006	1	5	5p13.3	33,080,000	33,196,500	116,500	4	gain					0.0%
NAAR053-B12-HI0551	2	5	5p13.1	39,193,600	40,355,600	1,162,000	14	gain				C9 NM_001737 FYB NM_199335 DAB2 NM_001343 FYB NM_001465	0.0%
NAAR003-D6-8056-201	1	5	5p13.1	39,448,600	39,469,900	21,300	2	gain				DAB2 NM_001343	0.0%
NAAR050-H6-HI2534	2	5	5p13.1	39,448,600	39,469,900	21,300	2	gain				DAB2 NM_001343	0.0%
NAAR071-D2-04C32109	1	5	5q11.2	52,496,800	55,238,300	2,741,500	17	gain			yes	SKIV2L2 NM_015360 UNG2 NM_001024592 FST NM_006350 DXH29 NM_01902	2.8%
NAAR062-A11-HI0781	1	5	5q12.21t5q12.31t5q13.1	62,596,000	179,796,000	117,200,000	470	gain		yes	yes	SMN2 NM_022876 FABP6 NM_001445 SYNPO NM_007286 VSMN2 NM_022875	11.7%
NAAR031-G8-3214.004	1	5	5q13.3	75,136,400	75,136,700	300	3	loss					0.0%
NAAR046-D1-01C08018	1	5	5q13.3	75,136,400	75,136,700	300	3	loss					0.0%
NAAR071-G1-04C33164	3	5	5q14.31t5q15	90,334,800	93,782,400	3,447,600	11	gain				ARRDC3 NM_020801 WDFKZP564D172 NM_032042 MASS1 NM_032119 FLJ256E	0.0%
NAAR071-G1-04C33164	3	5	5q21.11t5q21.21t5q21.3	98,834,000	107,709,000	8,875,000	27	gain		yes	yes	PAM NM_138822 SLCO4C4 NM_180991 HISPDP1 NM_015216 FLJ20125 NM_0	22.5%
NAAR077-H11-HI1824	4	5	5q21.21t5q21.1	102,457,000	103,447,000	990,000	5	gain			yes	HISPPD1 NM_015216 FLJ20125 NM_017676 LOC90355 NM_033211 NUDT12 N	0.0%
NAAR001-A9-8002-202	7	5	5q21.2	103,669,000	104,188,000	519,000	3	loss					13.4%
NAAR047-C10-01C08464	2	5	5q21.3	108,971,000	109,116,000	145,000	4	gain	yes			MAN2A1 NM_002372	0.0%
NAAR047-C11-01C08465	1	5	5q21.3	108,971,000	109,116,000	145,000	4	gain	yes				0.0%
NAAR047-E4-01C08484	1	5	5q23.1	117,078,000	119,691,000	2,613,000	17	loss		yes	yes	DTWD2 NM_173666 HSD17B4 NM_000414 TNFAIP8 NM_014350 LOC340069 N	15.8%
NAAR030-G12-POS	3	5	5q23.1	119,510,000	121,140,000	1,630,000	11	gain				LOC51334 NM_016644	0.0%
NAAR030-G7-3183.003	5	5	5q23.11t5q23.2	119,510,000	121,563,000	2,053,000	13	gain				LOC51334 NM_016644 SRFBP1 NM_152546 FTMT NM_177478 FLJ32921 NM_4	0.0%
NAAR071-C4-HI3182	1	5	5q23.2	125,047,000	125,048,000	1,000	3	loss					0.0%
NAAR029-A9-3171.003	1	5	5q23.2	125,468,000	125,556,000	88,000	5	gain					0.0%
NAAR071-G1-04C33164	3	5	5q23.21t5q23.3	125,873,000	128,314,000	2,441,000	8	gain		yes	yes	SLC12A2 NM_001046 FBN2 NM_001999 FLJ27505 NM_207408 IRNUXA NM_03	6.2%
NAAR037-A5-1014-A5-P3	5	5	5q31.1	132,594,000	134,866,000	2,272,000	12	gain				CAMLG NM_001745 PPP2CA NM_002715 SAR1B NM_016103 SKP1A NM_1706	0.0%
NAAR031-B5-3206.001	5	5	5q33.3	158,717,000	158,748,000	31,000	2	gain					0.0%
NAAR064-H4-HI2135	2	5	5q35.2	174,348,000	174,971,000	623,000	7	gain			yes	DRD1 NM_000794 SFXN1 NM_022754 FLJ16171 NM_001004348	15.2%
NAAR027-E4-3118.003	1	6	6p25.3	150,610	150,878	268	3	loss			yes		100.0%
NAAR029-E9-3172.001	1	6	6p25.3	150,610	150,878	268	3	gain			yes		32.9%
NAAR046-C9-01C08014	1	6	6p25.3	150,610	150,878	268	3	gain			yes		100.0%
NAAR049-G4-HI2402	1	6	6p25.3	150,610	150,878	268	3	gain			yes		100.0%
NAAR070-A1-04C29145	1	6	6p25.31t6p25.21t6p25.1	150,610	37,657,300	37,506,690	158	gain			yes	POU5F1 NM_002701 CCHCR1 NM_019052 MAPK14 NM_139013 PPP1R10 NM	12.3%
NAAR073-A1-02C09714	1	6	6p25.3	150,610	1,478,110	1,327,500	12	gain	yes		yes	HUS1B NM_148959 DUSP22 NM_020185 IRF4 NM_002460 FOXQ1 NM_033260	19.8%
NAAR073-A3-02C09716	1	6	6p25.3	150,610	1,478,110	1,327,500	12	gain	yes		yes	HUS1B NM_148959 DUSP22 NM_020185 IRF4 NM_002460 FOXQ1 NM_033260	19.8%
NAAR052-F3-HI0633	2	6	6p25.31t6p25.21t6p25.1	374,457	30,443,000	30,068,543	141	loss		yes	yes	HIST1H2BM NM_003521 HIST1H2AJ NM_021066 HIST1H4H NM_003543 IRNF3	7.0%
NAAR055-A4-HI0442	2	6	6p25.21t6p25.11t6p24.3	3,801,430	18,594,500	14,793,070	67	loss		yes	yes	RREB1 NM_001003698 TXNDC5 NM_030810 C6orf114 NM_033069 SLC35B3 N	5.6%
NAAR070-A12-04C29161	1	6	6p24.3	7,456,900	7,595,230	138,330	2	gain			yes	DSPJ NM_001008844 DSPJ NM_004415 C6orf151 NM_152551	2.7%
NAAR044-G5-01C06574	1	6	6p22.2	25,282,000	25,382,600	100,600	4	gain					0.0%
NAAR063-C11-HI1397	1	6	6q11.1	62,394,800	62,873,100	478,300	3	gain		yes	yes	KHDRBS2 NM_152688	25.2%
NAAR074-F1-04C35911	1	6	6q11.1	62,394,800	63,485,000	1,090,200	7	gain			yes	KHDRBS2 NM_152688	11.1%
NAAR041-A2-99C00465	4	6	6q14.1	77,520,700	78,789,900	1,269,200	8	gain			yes	HTR1B NM_000863	34.6%
NAAR066-F1-HI2710	2	6	6q14.1	78,060,300	79,324,200	1,263,900	9	gain			yes	HTR1B NM_000863	65.2%
NAAR006-G12-8151-111	1	6	6q14.3	85,815,900	87,307,900	1,492,000	13	gain			yes	SNX14 NM_020468 NT5E NM_002526 SYNCRIP NM_006372 SNX14 NM_15381	0.0%
NAAR045-G6-01C07360	2	6	6q14.31t6q15	87,241,300	87,508,500	267,200	8	gain			yes		1.1%
NAAR077-A10-04C37531	1	6	6q16.1	93,268,700	97,854,000	4,585,300	28	gain			yes	C6orf167 NM_198468 GPR63 NM_030784 MANEA NM_024641 NEPHA7 NM_004	6.2%
NAAR024-E12-3073.004	1	6	6q16.1	94,672,800	95,213,100	540,300	8	loss					0.0%

Sample ID	CNV/sample	Chr	Cytoband	Start	Stop	Size	#SNPs/segment	CNV	Familial	Mendelian error	dGV	RefGene	% overlap
NAAR001-H4-8021-101	4	6	6q16.31t6q21	104,688,000	105,175,000	487,000	6	loss					0.0%
NAAR041-A2-99C00465	4	6	6q16.3	104,688,000	105,059,000	371,000	5	gain					0.0%
NAAR078-A3-200305415	9	6	6q16.31t6q21	104,688,000	112,813,000	8,125,000	29	gain					9.3%
NAAR078-A3-200305415	9	6	6q21.1t6q22.1t6q22.2t6q23	113,107,000	121,399,000	8,292,000	40	gain					20.7%
NAAR045-E5-01C07325	1	6	6q21	113,851,000	114,459,000	608,000	5	loss	yes	yes	yes	WASFI1[NM_003931]tTRAF3IP2[NM_147200]WISP3[NM_003880]FLJ37396[NM_153236]	0.0%
NAAR041-E6-00C03336	1	6	6q22.31	120,266,000	120,303,000	37,000	3	loss					0.0%
NAAR078-A3-200305415	9	6	6q22.31t6q22.32t6q22.33	122,787,000	130,388,000	7,601,000	31	loss	yes	yes	yes	IBRDC1[NM_152553]tPKIB[NM_032471]tC6orf75[NM_021820]tC6orf213[NM_001010]	6.6%
NAAR064-A8-HI1697	4	6	6q23.1t6q23.2	131,041,000	132,944,000	1,903,000	14	loss					0.0%
NAAR078-A3-200305415	9	6	6q24.1	139,167,000	142,639,000	3,472,000	12	loss					0.0%
NAAR078-A3-200305415	9	6	6q24.2t6q24.3	144,964,000	148,225,000	3,261,000	18	loss					0.0%
NAAR078-A3-200305415	9	6	6q25.2	153,246,000	153,246,000	959,000	8	loss		yes	yes	GRM1[NM_000838]tVPM2A[NM_005670]tFBXO30[NM_032145]tFLJ44955[NM_207081]	6.6%
NAAR078-A3-200305415	9	6	6q25.3	156,077,000	158,058,000	1,981,000	12	loss					8.4%
NAAR067-F3-HI1481	4	6	6q25.3	157,739,000	157,941,000	202,000	3	gain					0.0%
NAAR064-A8-HI1697	4	6	6q25.3t6q26	160,834,000	161,858,000	1,024,000	10	loss					0.0%
NAAR001-H10-8023-111	1	6	6q26	161,853,000	162,632,000	779,000	4	gain					36.2%
NAAR052-G9-HI1097	1	6	6q26	163,090,000	163,493,000	403,000	4	gain	yes				30.6%
NAAR017-C4-HI2209	3	6	6q26	163,493,000	163,493,000	0	3	gain	yes				28.2%
NAAR061-E8-HI0532	1	6	6q26	163,493,000	163,493,000	0	3	loss					0.0%
NAAR064-A8-HI1697	4	6	6q26t6q27	164,166,000	165,792,000	1,626,000	13	loss					0.0%
NAAR010-G1-8268-202	2	6	6q27	165,016,000	165,037,000	21,000	3	loss					0.0%
NAAR078-A3-200305415	9	6	6q27	165,016,000	167,022,000	2,006,000	13	loss			yes	PDE10A[NM_006661]tC6orf118[NM_144980]	7.8%
NAAR025-A7-3085.007	1	7	7p22.2	2,969,570	2,969,680	110	2	loss					0.0%
NAAR068-F3-HI2864	2	7	7p21.3	11,009,900	11,131,300	121,400	4	loss					40.6%
NAAR047-H1-02C09502	8	7	7p21.3t7p21.2t7p21.1	11,993,100	17,334,000	5,340,900	20	gain					45.7%
NAAR047-E1-01C08481	3	7	7p21.3t7p21.2t7p21.1	12,246,800	15,746,800	3,500,000	15	gain					46.2%
NAAR064-H2-HI2133	1	7	7p21.3	12,577,400	12,826,100	248,700	5	gain					0.0%
NAAR063-F2-HI1522	1	7	7p12.3t7p12.2	49,519,500	50,739,200	1,219,700	8	gain	yes				0.0%
NAAR063-F4-HI1524	2	7	7p12.3t7p12.2	49,519,500	50,046,900	527,400	6	gain	yes				0.0%
NAAR064-A2-HI1684	1	7	7q21.11	83,174,700	84,701,800	1,527,100	11	loss	yes				0.0%
NAAR064-A4-HI1686	1	7	7q21.11	83,174,700	85,227,400	2,052,700	14	loss	yes	yes			8.0%
NAAR054-A7-HI0123	1	7	7q21.13	87,837,300	89,132,500	1,295,200	6	gain	yes				15.7%
NAAR059-G5-HI2100	1	7	7q21.13	87,837,300	89,132,500	1,295,200	6	gain	yes				15.7%
NAAR045-E8-01C07331	3	7	7q31.32t7q31.31	120,217,000	121,543,000	1,326,000	5	loss					8.7%
NAAR048-E1-02C09751	1	7	7q31.31	120,217,000	120,217,000	0	2	loss					0.0%
NAAR061-A6-HI0130	1	7	7q31.32	120,844,000	121,741,000	897,000	4	loss	yes				0.0%
NAAR061-A5-HI0128	1	7	7q31.32	121,543,000	122,291,000	748,000	4	loss	yes	yes			0.0%
NAAR045-E8-01C07331	3	7	7q33	132,410,000	135,011,000	2,601,000	17	loss					13.3%
NAAR033-A9-3273.002	2	7	7q33	133,804,000	135,011,000	1,207,000	7	gain	yes				12.5%
NAAR055-C8-HI0552	1	7	7q33	133,804,000	135,011,000	1,207,000	7	gain	yes				12.5%
NAAR068-D9-HI2841	4	7	7q33	133,804,000	135,011,000	1,207,000	7	gain	yes				12.5%
NAAR045-E8-01C07331	3	7	7q35.1t7q36.1t7q36.2t7q36.3	144,828,000	155,187,000	10,359,000	32	loss					17.0%
NAAR073-E10-04C35552	1	7	7q35.1t7q36.1t7q36.2t7q36.3	146,118,000	155,187,000	9,069,000	29	loss	yes				19.4%
NAAR076-C9-04C36598	1	7	7q36.1	149,120,000	149,120,000	0	2	gain					0.0%
NAAR052-E3-HI0085	1	7	7q36.1	149,576,000	149,709,000	133,000	4	loss	yes				24.5%
NAAR077-A7-04C37528	3	7	7q36.3	155,187,000	158,055,000	2,868,000	5	gain					24.0%
NAAR062-H3-HI1083	2	8	8p23.3t8p23.2t8p23.1	1,130,900	6,780,950	5,650,050	32	loss					59.0%
NAAR062-D4-HI0888	4	8	8p23.2	2,761,850	3,910,100	1,148,250	8	gain					28.4%
NAAR064-A9-HI1698	1	8	8p23.2	2,761,850	3,910,100	1,148,250	8	gain					28.4%
NAAR063-C5-HI1372	1	8	8p23.2	3,909,530	3,910,100	570	3	gain	yes				100.0%
NAAR064-E5-HI1947	1	8	8p23.2	3,909,530	4,949,310	1,039,780	12	gain	yes				100.0%
NAAR067-A8-HI2741	2	8	8p23.2	3,909,530	3,909,710	180	2	gain	yes				100.0%
NAAR006-F6-8145-201	2	8	8p23.2	4,473,850	5,900,610	1,426,760	13	gain	yes				100.0%
NAAR054-C1-HI0191	1	8	8p23.2	4,473,850	4,949,310	475,460	9	gain	yes				100.0%
NAAR054-B12-HI0189	1	8	8p23.2	4,473,850	4,949,310	475,460	9	gain	yes				100.0%
NAAR007-E6-8175-201	1	8	8p23.1	8,160,870	11,422,100	3,261,230	11	loss		yes			9.6%
NAAR041-F5-00C03537	1	8	8p22	13,570,600	14,168,200	597,600	7	gain	yes				52.8%
NAAR041-G2-00C04611	1	8	8p22	13,570,600	14,168,200	597,600	7	gain	yes				52.8%
NAAR050-H10-HI2538	2	8	8q11.21	50,311,400	50,549,200	237,800	2	gain					0.0%
NAAR041-A2-99C00465	4	8	8q11.23	54,253,900	54,663,300	409,400	5	gain					8.4%
NAAR075-D1-04C36207	1	8	8q13.2	69,712,800	70,314,600	601,800	5	gain					0.0%
NAAR032-C11-3252.003	1	8	8q13.3	70,795,900	72,139,600	1,343,700	9	gain					0.0%
NAAR007-H1-8181-111	3	8	8q21.3t8q22.1	93,267,400	95,306,200	2,038,800	7	gain					8.3%
NAAR073-A12-03C15260	1	8	8q22.1t8q22.2	97,006,400	99,137,500	2,131,100	6	gain	yes				0.0%
NAAR052-F3-HI0633	2	8	8q22.3t8q23.2t8q23.3	104,786,000	142,072,000	37,286,000	139	loss					10.8%
NAAR070-E3-HI3091	2	8	8q24.12	120,513,000	122,308,000	1,795,000	7	loss	yes				3.5%
NAAR035-G1-1014-G1-P1	1	8	8q24.22	134,743,000	134,743,000	0	2	gain					0.0%
NAAR001-F7-8016-111	1	8	8q24.23	137,820,000	137,859,000	39,000	2	loss		yes			100.0%
NAAR051-G11-02C12334	1	8	8q24.23	137,820,000	137,859,000	39,000	2	loss		yes			100.0%
NAAR069-F6-HI2662	2	8	8q24.3	142,072,000	142,072,000	0	2	gain					0.0%
NAAR077-C8-04C37826	1	8	8q24.3	142,072,000	142,072,000	0	2	gain					0.0%
NAAR002-F12-8041-111	1	9	9p24.3	239,391	1,599,250	1,359,859	8	gain		yes			68.9%
NAAR003-C12-8055-111	1	9	9p24.3	239,391	1,599,250	1,359,859	8	gain	yes				68.9%
NAAR007-H1-8181-111	3	9	9p24.3	239,391	1,599,250	1,359,859	8	gain	yes				68.9%
NAAR027-A12-3129.004	1	9	9p24.3	239,391	1,599,250	1,359,859	8	gain	yes				68.9%
NAAR045-G6-01C07360	2	9	9q34.12t9p24.3t9p24.2	239,391	135,055,000	134,815,609	483	loss					17.6%
NAAR049-D2-02C10148	1	9	9p24.3	239,391	559,992	320,601	5	gain					56.1%
NAAR050-H5-HI2533	2	9	9p24.3	239,391	559,992	320,601	5	gain	yes				56.1%
NAAR057-H7-HI1359	4	9	9p24.3	239,391	1,599,250	1,359,859	8	gain					68.9%

Sample ID	CNV/sample	Chr	Cytoband	Start	Stop	Size	#SNPs/segment	CNV	Familial	Mendelian error	dGV	RefGene	% overlap
NAAR064-F6-HI2067	3	9	p24.319p24.219p24.1'	239,391	33,916,500	33,677,109	213	gain	yes		yes	KIAA1815[NM_024896]UHRF2J[NM_152306]FREM1J[NM_144966]IRFX3J[NM_0029	16.3%
NAAR064-F8-HI2081	2	9	p24.3	239,391	1,599,250	1,359,859	8	gain	yes		yes	ANKRD15[NM_153186]DMRT2J[NM_181872]DMRT2J[NM_006557]ANKRD15J[NM_	68.9%
NAAR065-B12-HI2269	3	9	p24.3	239,391	1,599,250	1,359,859	8	gain	yes		yes	ANKRD15[NM_153186]DMRT2J[NM_181872]DMRT2J[NM_006557]ANKRD15J[NM_	68.9%
NAAR069-C1-HI2941	3	9	p24.3	239,391	559,992	320,601	5	gain	yes		yes	ANKRD15[NM_015158]DOCK8J[NM_203447	56.1%
NAAR071-F7-04C33157	1	9	q34.1219p24.319p24.2'	239,391	135,055,000	134,815,609	483	gain			yes	SLC27A4J[NM_005094]C5J[NM_001735]GAS1J[NM_002048]GBA2J[NM_020944]PS	17.6%
NAAR072-E4-04C34510	4	9	p24.219p24.119p22.3'	3,111,990	32,033,400	28,921,410	179	gain			yes	KIAA1815[NM_024896]UHRF2J[NM_152306]FREM1J[NM_144966]IRFX3J[NM_0029	15.0%
NAAR017-E6-HI2334	8	9	p24.119p23	5,719,380	12,277,900	6,558,520	53	gain			yes	KIAA1815[NM_024896]UHRF2J[NM_152306]UJMD2CJ[NM_015061]MLANAJ[NM_00	22.3%
NAAR041-F10-00C04574	2	9	p23	11,611,200	12,277,900	666,700	10	loss	yes		yes		78.3%
NAAR041-F12-00C04583	1	9	p23	11,611,200	12,277,900	666,700	10	loss	yes		yes		78.3%
NAAR065-B12-HI2269	3	9	p2319p22.3	11,611,200	14,481,300	2,870,100	31	gain			yes	NFB1J[NM_005596]TYRP1J[NM_000550]C9orf150J[NM_203403]MPDZJ[NM_003829	35.5%
NAAR002-G12-8045-101	1	9	p23	12,010,900	12,277,900	267,000	6	loss	yes		yes		86.0%
NAAR024-B1-3053.001	1	9	p23	12,010,900	12,018,400	7,500	3	gain			yes		100.0%
NAAR052-H6-HI1012	1	9	p23	12,010,900	12,277,900	267,000	6	loss	yes		yes		86.0%
NAAR059-C10-HI1879	1	9	p23	12,010,900	12,445,200	434,300	7	loss			yes		91.4%
NAAR071-H9-HI1766	1	9	p23	12,010,900	12,277,900	267,000	6	loss	yes		yes		86.0%
NAAR045-G12-POS	4	9	p22.319p23	13,460,700	14,100,200	639,500	9	gain			yes	NFB1J[NM_005596	0.0%
NAAR065-G8-HI1753	3	9	p2319p22.3	13,460,700	15,131,200	1,670,500	18	gain			yes	FREM1J[NM_144966]NFB1J[NM_005596]CER1J[NM_005454]ZDHHC21J[NM_17856E	0.0%
NAAR017-E6-HI2334	8	9	p21.319p21.219p21.1'	21,971,600	33,646,900	11,675,300	60	loss			yes	C9orf72J[NM_018325]C9orf72J[NM_145005]C9orf82J[NM_024828]ELAVL2J[NM_004-	13.8%
NAAR069-C1-HI2941	1	9	p21.3	23,996,000	23,996,000	300	3	loss			yes		0.0%
NAAR065-B12-HI2269	3	9	p21.1	28,114,200	31,349,900	3,235,700	11	gain			yes	LRRN6J[NM_152570	37.9%
NAAR017-E6-HI2334	8	9	p13.319p13.219p13.1'	34,733,600	80,821,100	46,087,500	68	gain			yes	ZA20D2J[NM_006007]LOC401507J[NM_001012278_copy_2]GBA2J[NM_020944]PS	27.4%
NAAR072-E4-04C34510	4	9	p13.319p13.219p13.1'	35,893,400	69,076,300	33,182,900	14	gain	yes		yes	RP11-561Q23.3J[NM_199135]PRKACGJ[NM_002732]OR2S2J[NM_019897]HGFBLP	36.0%
NAAR037-A9-1014-A9-P3	3	9	p13.2	38,017,600	38,288,600	271,000	4	gain			yes	SHB1J[NM_003028	0.0%
NAAR039-C8-1021-C8-P3	2	9	p13.2	38,017,600	38,288,600	271,000	4	gain			yes	SHB1J[NM_003028	0.0%
NAAR069-H9-04C29142	3	9	p13.2	38,017,600	38,288,600	271,000	4	gain			yes	SHB1J[NM_003028	0.0%
NAAR053-G6-HI0099	1	9	q1319q12	67,050,700	67,719,200	668,500	2	gain			yes		100.0%
NAAR056-F2-HI0963	1	9	q1319q12	67,050,700	67,719,200	668,500	2	gain			yes		100.0%
NAAR064-F6-HI2067	3	9	q21.119q21.1219q21	70,403,200	90,734,300	20,331,100	84	gain			yes	GAS1J[NM_002048]VPSAT1J[NM_058179]ICTSLJ[NM_145918]ALDH1A1J[NM_000689	14.0%
NAAR022-A8-3019.004	1	9	q21.1219q21.11	70,619,600	70,908,800	289,200	7	loss	yes		yes	TRPM3J[NM_206946]TRPM3J[NM_206944]TRPM3J[NM_020952]TRPM3J[NM_20694	0.0%
NAAR022-H7-3019.003	1	9	q21.1219q21.11	70,619,600	70,908,800	289,200	7	loss	yes		yes	TRPM3J[NM_206946]TRPM3J[NM_206944]TRPM3J[NM_020952]TRPM3J[NM_20694	0.0%
NAAR045-E6-01C07328	1	9	q34.1219q21.1319q21	72,754,300	135,055,000	62,300,700	239	gain			yes	SLC27A4J[NM_005094]CTNNAL1J[NM_003798]C5J[NM_001735]CDKN9J[NM_01261	10.0%
NAAR072-E4-04C34510	4	9	q21.1319q21.219q21.1'	75,335,100	114,582,000	39,246,900	156	gain			yes	GAS1J[NM_002048]VPSAT1J[NM_058179]CDC26J[NM_139286]OGJ[NM_014057]C	11.0%
NAAR017-E6-HI2334	8	9	q21.3219q21.33	83,165,400	84,477,000	1,311,600	6	gain			yes	SLC28A3J[NM_022127]HNRPKJ[NM_002140]HNRPKJ[NM_031263]FRMD3J[NM_17-	14.5%
NAAR017-E6-HI2334	8	9	q22.3219q22.3319q31	94,369,100	100,208,000	5,838,900	19	gain			yes	COL15A1J[NM_001855]INR4A3J[NM_006981]C9orf21J[NM_153698]ICTSL2J[NM_001-	0.0%
NAAR064-F6-HI2067	3	9	q34.1219q31.219q32'	101,512,000	135,055,000	33,543,000	138	gain			yes	SLC27A4J[NM_005094]C5J[NM_001735]OR1N2J[NM_001004457]CDC26J[NM_1392	10.2%
NAAR017-E6-HI2334	8	9	q31.119q31.219q31.3	103,447,000	110,085,000	6,638,000	38	gain			yes	CTNNAL1J[NM_003798]OR13D1J[NM_001004484]PTPN3J[NM_002829]FICD1J[NM_	7.1%
NAAR046-H2-01C08084	4	9	q31.3	111,481,000	111,802,000	321,000	6	gain			yes	LOC552891J[NM_004125]bA16L2.1.1J[NM_001015882]UGCGJ[NM_003358]C9orf	0.0%
NAAR058-B12-HI1450	1	9	q31.3	111,481,000	111,802,000	321,000	6	gain			yes	bA16L2.1.1J[NM_001015882]LOC552891J[NM_004125]UGCGJ[NM_003358]C9orf	0.0%
NAAR065-G8-HI1753	3	9	q31.3	111,481,000	111,802,000	321,000	6	gain			yes	bA16L2.1.1J[NM_001015882]LOC552891J[NM_004125]UGCGJ[NM_003358]C9orf	0.0%
NAAR017-E6-HI2334	8	9	q31.319q3219q33.1	111,924,000	116,332,000	4,408,000	27	gain			yes	CDC26J[NM_139286]HSDL2J[NM_032303]UASTN2J[NM_198187]WDR31J[NM_00100	17.3%
NAAR025-H6-3085.006	1	9	q33.1	116,515,000	116,620,000	105,000	5	loss			yes	ASTN2J[NM_198187]UASTN2J[NM_014010]UASTN2J[NM_198188]UASTN2J[NM_198186	15.0%
NAAR065-G8-HI1753	3	9	q33.1	116,515,000	117,518,000	1,003,000	9	loss			yes	ASTN2J[NM_014010]UASTN2J[NM_198188]UASTN2J[NM_198186]TRIM3J[NM_01221	1.6%
NAAR017-E6-HI2334	8	9	q33.119q33.219q33.3'	117,687,000	132,816,000	15,129,000	44	gain			yes	SLC27A4J[NM_005094]C5J[NM_001735]CDKN9J[NM_002126]WRAPGEF1J[NM_005312	11.0%
NAAR072-E4-04C34510	4	9	q33.119q33.219q33.3'	119,279,000	135,055,000	15,776,000	34	gain			yes	SLC27A4J[NM_005094]C5J[NM_001735]OR1N2J[NM_001004457]ORC31J[NM_0010	11.9%
NAAR065-E12-HI0179	1	10	10p13	13,087,500	13,302,400	214,900	4	loss	yes		yes	OPTN1J[NM_001008212]OPTN1J[NM_021980]MCM10J[NM_018518]OPTN1J[NM_0010	7.1%
NAAR065-F2-HI0182	1	10	10p13	13,087,500	13,302,400	214,900	4	loss	yes		yes	OPTN1J[NM_001008212]OPTN1J[NM_021980]MCM10J[NM_018518]OPTN1J[NM_0010	7.1%
NAAR061-C8-HI0403	1	10	10p12.31	20,867,100	20,867,300	200	2	loss			yes		100.0%
NAAR048-F6-02C09889	1	10	10q11.21	43,521,000	43,578,500	57,500	5	loss			yes		0.0%
NAAR060-A6-HI2164	1	10	10q11.22110q11.23	49,217,200	51,475,300	2,258,100	15	gain	yes		yes	ARHGAP22J[NM_021226]TIMM23J[NM_006327]CHATJ[NM_020985]IPARGJ[NM_003	36.9%
NAAR060-A7-HI2165	1	10	10q11.22110q11.23	49,217,200	50,638,800	1,421,600	14	gain	yes		yes	ARHGAP22J[NM_021226]CHATJ[NM_020985]NM_173524]CHATJ[NM_020986]C10	0.0%
NAAR060-A8-HI2166	1	10	10q11.22110q11.23	49,217,200	50,638,800	1,421,600	14	gain	yes		yes	ARHGAP22J[NM_021226]CHATJ[NM_020985]NM_173524]CHATJ[NM_020986]C10	0.0%
NAAR009-G7-8246-111	1	10	10q21.1	59,937,900	59,938,400	500	3	loss			yes		0.0%
NAAR015-G8-R-020-001	1	10	10q21.1	59,937,900	59,938,400	500	3	loss			yes		0.0%
NAAR025-F7-3085.012	1	10	10q21.1	59,937,900	59,938,400	500	3	loss			yes		0.0%
NAAR029-H6-3167.001	1	10	10q21.1	59,937,900	59,938,400	500	3	loss			yes		0.0%
NAAR043-H10-01C06237	1	10	10q21.1	59,937,900	59,938,400	500	3	loss	yes		yes		0.0%
NAAR057-C7-HI1208	1	10	10q21.3	64,337,400	66,284,700	1,927,300	9	gain			yes	UJMD1CJ[NM_004241]C10orf74J[NM_001001330]NRBF2J[NM_030759	0.1%
NAAR044-H5-01C06591	1	10	10q22.1110q22.2110q2	67,889,900	133,793,000	65,903,100	258	gain			yes	COL13A1J[NM_080806]PNLIPRP3J[NM_00101709]CH25HJ[NM_003956]HTR7J[NM	12.0%
NAAR030-F10-3194.001	1	10	10q21.3	68,424,900	68,552,100	127,200	6	gain	yes		yes	CTNNA3J[NM_013266]LRRTM3J[NM_178011	0.0%
NAAR030-G10-3194.003	1	10	10q21.3	68,424,900	68,552,100	127,200	6	gain	yes		yes	CTNNA3J[NM_013266]LRRTM3J[NM_178011	0.0%
NAAR049-B5-02C10059	1	10	10q22.2	76,995,300	77,016,100	20,800	2	gain			yes		0.0%
NAAR017-C1-HI2201	3	10	10q23.31110q23.32	91,385,400	93,008,000	1,622,600	10	gain			yes	HTR7J[NM_019859]MPHOSPH1J[NM_016195]PANK1J[NM_138316]HTR7J[NM_000E	2.0%
NAAR047-E1-01C08481	3	10	10q23.31110q23.32	92,008,800	93,008,000	999,200	7	gain			yes	HTR7J[NM_019859]HTR7J[NM_000872]WRPP30J[NM_006413]ANKRD1J[NM_014391]	3.2%
NAAR047-H1-02C09502	8	10	10q23.31110q23.32	92,008,800	93,008,000	999,200	7	gain			yes	HTR7J[NM_019859]HTR7J[NM_000872]WRPP30J[NM_006413]ANKRD1J[NM_014391]	3.2%
NAAR057-F1-HI1281	2	10	10q23.31110q23.32	92,008,800	93,008,000	999,200	7	gain			yes	HTR7J[NM_000872]WRPP30J[NM_006413]HTR7J[NM_019860]HTR7J[NM_019859]U	3.2%
NAAR058-H6-HI1660	3	10	10q23.31110q23.32	92,008,800									

Sample ID	CNV/sample	Chr	Cytoband	Start	Stop	Size	#SNPs/segment	CNV	Familial	Mendelian error	dGV	RefGene	% overlap
NAAR001-C2-8006-202	1	11	11p15.1	18,048,100	18,048,400	300	2	loss					0.0%
NAAR003-E10-8061-111	1	11	11p14.3	21,642,900	22,349,700	706,800	6	gain			yes	TMEM16E[NM_213599]SLC17A6[NM_020346]	14.7%
NAAR049-C2-02C10077	1	11	11p14.3	21,642,900	22,023,800	380,900	5	gain			yes		27.3%
NAAR069-D1-HI2967	1	11	11p14.3	21,642,900	21,709,300	66,400	4	gain			yes		58.5%
NAAR041-E7-00C03337	1	11	11p14.3	21,709,100	21,709,300	200	3	gain					0.0%
NAAR076-G4-04C37169	1	11	11p14.3	21,709,100	21,709,300	200	3	gain	yes				0.0%
NAAR076-G5-04C37170	1	11	11p14.3	21,709,100	21,709,300	200	3	gain	yes				0.0%
NAAR001-A9-8002-202	7	11	11p14.3	22,349,700	22,375,100	25,400	4	loss					0.0%
NAAR057-H7-HI1369	4	11	11p14.1	28,947,000	30,521,300	1,574,300	8	gain			yes	SLC17A6[NM_020346] KCNA4[NM_022233]F5H8[NM_001018080]F5H8[NM_000510]MPPED2[NM_001018080]CAT[NM_001752]ELF5[NM_001422]ELF5[NM_198381] LDLRAD3[NM_174902] LDLRAD3[NM_174902]	13.2%
NAAR010-E1-8264-201	2	11	11p13	34,393,300	34,576,200	182,900	4	gain					0.0%
NAAR050-A9-02C11027	3	11	11p13	36,044,400	36,163,400	119,000	6	gain					0.0%
NAAR066-A7-HI0151	1	11	11p13	36,163,200	36,163,400	200	3	loss					0.0%
NAAR033-E3-3263.001	1	11	11p11.2	44,005,200	44,005,300	100	3	loss					0.0%
NAAR046-D6-01C08028	1	11	11p11.2	44,005,200	44,005,300	100	3	loss					0.0%
NAAR063-B1-HI1183_2	2	11	11p11.2	48,014,900	48,704,500	689,600	4	gain			yes	OR4B1[NM_001005470]OR4X2[NM_001004727]OR4S11[NM_001004725]PTPRJ[OR4C12[NM_001005270]OR4C13[NM_001001955] OR4C12[NM_001005270]OR4C13[NM_001001955] OR4C12[NM_001005270]OR4C13[NM_001001955]	64.4%
NAAR022-E3-3011.005	1	11	11p11.12	49,879,900	50,595,000	715,100	7	gain	yes		yes		81.4%
NAAR068-E10-HI2858	2	11	11p11.12	49,879,900	50,418,400	538,500	6	gain	yes		yes		75.3%
NAAR068-E11-HI2859	2	11	11p11.12	49,879,900	50,595,000	715,100	7	gain	yes		yes		81.4%
NAAR033-H1-3259.002	1	11	11p11.12	50,096,900	50,595,000	498,100	6	gain					100.0%
NAAR056-C2-HI0799	1	11	11p11.12	50,096,900	50,595,000	498,100	6	gain	yes		yes		100.0%
NAAR056-C4-HI0801	1	11	11p11.12	50,096,900	50,595,000	498,100	6	gain	yes		yes		100.0%
NAAR068-F2-HI2862	2	11	11p11.12	50,096,900	50,595,000	498,100	6	gain	yes		yes		100.0%
NAAR022-B3-3011.002	1	11	11p11.12	50,123,600	50,595,000	471,400	4	gain	yes		yes		100.0%
NAAR001-A9-8002-202	7	11	11p11.12	50,418,000	50,595,000	177,000	3	loss					100.0%
NAAR020-F12-HI1566	3	11	11p11.12	50,418,000	50,595,000	177,000	3	loss					100.0%
NAAR024-A6-3062.001	1	11	11p11.12	50,418,000	50,595,000	177,000	3	gain					100.0%
NAAR077-A1-04C37522	1	11	11p11.12	50,418,000	50,595,000	177,000	3	gain					100.0%
NAAR062-B8-HI0792	1	11	11p11.12	51,247,900	51,319,500	71,600	4	gain				OR4A5[NM_001005272] OR4A5[NM_001005272] OR4A5[NM_001005272]	0.0%
NAAR074-C12-04C35700	1	11	11p11.12	51,247,900	51,319,500	71,600	4	gain					0.0%
NAAR077-G10-04C36260	1	11	11p11.12	51,247,900	51,319,500	71,600	4	gain					0.0%
NAAR001-F11-8017-202	3	11	11q14.1	77,603,900	77,613,800	9,900	3	loss			yes	GAB2[NM_080491]GAB2[NM_012296] GAB2[NM_012296]GAB2[NM_080491] GAB2[NM_012296]GAB2[NM_080491]	0.0%
NAAR032-B1-3221.001	2	11	11q14.1	77,603,900	77,613,800	9,900	3	loss					0.0%
NAAR070-F2-HI3113	1	11	11q14.1	77,603,900	77,613,800	9,900	3	loss					0.0%
NAAR071-D11-HI3185	5	11	11q14.1	77,603,900	77,613,800	9,900	3	loss					0.0%
NAAR025-A4-3081.002	1	11	11q14.1	77,613,700	77,613,800	100	2	loss					0.0%
NAAR050-C5-02C10098	1	11	11q14.1	77,613,700	77,613,800	100	2	loss					0.0%
NAAR061-D1-HI0414	1	11	11q14.1	77,613,700	77,613,800	100	2	loss					0.0%
NAAR041-H11-01C05483	1	11	11q14.3	90,508,600	91,674,400	1,165,800	3	loss			yes		13.3%
NAAR066-C10-HI2691	1	11	11q22.1	97,426,100	97,426,500	400	3	loss					0.0%
NAAR026-G7-3105.004	1	11	11q22.3	103,005,000	103,045,000	40,000	5	loss			yes		0.0%
NAAR020-D6-HI1175	1	11	11q22.3	103,928,000	104,733,000	805,000	8	gain	yes		yes	CASP4[NM_033306]COP1[NM_052889]CASP1[NM_033292]CASP1[NM_033294] COP1[NM_052889]CASP1[NM_033294]INCA[NM_001007232]CASP4[NM_001122] COP1[NM_052889]CASP1[NM_033294]INCA[NM_001007232]CASP4[NM_001122]	24.8%
NAAR063-B2-HI1189	1	11	11q22.3	103,928,000	104,849,000	921,000	9	gain	yes		yes		21.7%
NAAR063-B3-HI1190	1	11	11q22.3	103,928,000	104,733,000	805,000	8	gain	yes		yes		24.8%
NAAR042-F9-01C05817	1	11	11q22.3	108,696,000	108,696,000	0	3	loss					0.0%
NAAR057-E5-HI1258	1	11	11q23.2	113,502,000	134,403,000	20,901,000	95	gain			yes	FEZ1[NM_025249]TMPPRSS4[NM_019894]HSPA8[NM_153201]VDDX25[NM_01321]	8.0%
NAAR043-D12-01C06058	1	11	11q25	131,716,000	131,787,000	71,000	4	gain	yes				0.0%
NAAR052-B12-02C13222	1	11	11q25	131,716,000	131,787,000	71,000	4	gain	yes				0.0%
NAARCP2-A7-S-082-003	1	11	11q25	133,403,000	134,403,000	1,000,000	5	gain					0.0%
NAAR035-E11-1014-E11-P1	1	11	11q25	134,083,000	134,403,000	320,000	4	gain			yes	VPS26B[NM_052875]TTHYN1[NM_199298]B3GAT1[NM_018644]hCAP-D3[NM_011923]	6.1%
NAAR024-E10-3070.004	1	11	11q25	134,384,000	134,403,000	9,000	3	gain					19.2%
NAAR026-D2-3097.002	1	11	11q25	134,384,000	134,403,000	9,000	3	gain					0.0%
NAAR068-E3-HI2847	2	11	11q25	134,384,000	134,403,000	9,000	3	loss					0.0%
NAAR047-H5-02C09507	7	12	12p13.33	93,683	2,381,420	2,287,737	7	gain			yes	CACNA2D4[NM_001005766]RAB6IP2[NM_178040]FBXL14[NM_152441]IQSEC3 DKFZp434N2030[NM_001009894]A2ML1[NM_144670]ACVRL1[NM_000020]CAC CACNA2D4[NM_001005766]FOXM1[NM_021953]NRP2[NM_031474]RAB6IP2[NM_001009894]A2ML1[NM_144670]ACVRL1[NM_000020]CAC A2ML1[NM_144670]GPRCSA[NM_003979]C2F2[NM_006331]CLEC2D[NM_01326] MANS1[NM_018050]KIAA1467[NM_020853]GUCY2C[NM_004963]FLJ32115[NM_004985]BICD1[NM_001714]SLCO1A2[NM_021094]LMO3[NM_01864 KRAS[NM_004985]STRAP[NM_007178]SLCO1A2[NM_021094]LMO3[NM_01864 KRAS[NM_004985]BICD1[NM_001714]SLCO1A2[NM_021094]LMO3[NM_01864 CAPZA3[NM_033328]PLCZ1[NM_033123]PIK3C2G[NM_004570]AEBP2[NM_153 ACVRL1[NM_000020]KRAS[NM_004985]IC1QL4[NM_001008223]CPM1[NM_1983]	29.6%
NAAR051-C8-HI2443	1	12	12q24.12	93,683	130,547,000	130,453,317	476	gain					11.4%
NAAR051-D7-HI2588	3	12	12p13.33	93,683	5,363,380	5,269,697	16	gain					16.1%
NAAR060-C5-HI2203	1	12	12q24.12	93,683	130,547,000	130,453,317	476	gain					11.4%
NAAR047-H5-02C09507	7	12	12p13.31	6,755,670	20,833,400	14,077,730	47	gain					18.2%
NAAR052-E12-HI0570	1	12	12p13.2	11,478,900	15,569,400	4,090,500	11	gain					8.1%
NAAR056-B8-HI0776	2	12	12p12.3	15,569,400	29,247,000	13,677,600	62	gain					10.6%
NAAR051-D7-HI2588	3	12	12p12.3	16,436,500	33,857,800	17,421,300	72	gain					14.8%
NAAR017-C4-HI2209	3	12	12p12.3	16,850,400	20,433,300	3,582,900	21	gain					2.5%
NAAR047-H5-02C09507	7	12	12p12.1	23,744,300	71,727,000	47,982,700	181	gain					14.7%
NAAR047-E2-01C08482	1	12	12p11.23	27,470,200	27,495,700	25,500	3	gain	yes				0.0%
NAAR047-E5-01C08485	1	12	12p11.23	27,470,200	27,495,700	25,500	3	gain	yes				0.0%
NAAR068-F7-HI2868	2	12	12p11.1	33,306,200	33,857,800	551,600	5	gain			yes	SYT10[NM_198992] ALG10[NM_032834]	95.1%
NAAR058-G2-HI1618	1	12	12p11.1	33,674,600	36,727,000	3,052,400	12	gain					53.6%
NAAR062-E12-HI0998	1	12	12p11.1	33,674,600	33,857,800	183,200	3	gain					100.0%
NAAR028-D6-3139.003	1	12	12q11.1	36,491,900	37,417,300	925,400	12	gain			yes	KCR1[NM_001013620]CPNE8[NM_153634]	90.1%
NAAR030-F1-3177.005	1	12	12q11.1	36,491,900	36,978,800	486,900	10	gain			yes		100.0%
NAAR060-G7-HI2365	1	12	12q11.1	36,491,900	36,978,800	486,900	10	gain			yes		100.0%
NAAR001-A9-8002-202	7	12	12q12	36,506,000	37,162,800	656,800	10	loss			yes	KCR1[NM_001013620]	100.0%
NAAR004-B12-8080-201	2	12	12q12	36,506,000	36,697,300	191,300	7	loss			yes		100.0%
NAAR027-B11-3128.001	1	12	12q12	36,506,000	36,697,300	191,300	7	loss			yes		100.0%
NAAR027-D4-3118.002	3	12	12q12	36,506,000	36,727,000	221,000	8	loss			yes		100.0%
NAAR030-E5-3180.016													

Sample ID	CNV/sample	Chr	Cytoband	Start	Stop	Size	#SNPs/segment	CNV	Familial	Mendelian error	dGV	RefGene	% overlap
NAAR020-F12-H1566	3	12	12q12	36,694,800	36,697,300	2,500	3	loss			yes		100.0%
NAAR052-F6-H10682	3	12	12q24.12/112q13.1/112	44,378,800	130,547,000	86,168,200	321	gain	yes	yes	yes	DKFZp434N2030[NM_001009894]ACVRL1[NM_000020]C1QL4[NM_001008223]K	7.8%
NAAR071-D11-H13185	5	12	12q14.1/112q14.2/112q1	56,343,000	67,695,700	11,352,700	51	gain			yes	CPM[NM_198320]MARCH9[NM_138396]HMG2A2[NM_003483]XPOT[NM_007235]	11.7%
NAAR033-F1-3258.001	1	12	12q14.1	58,858,000	59,736,400	878,400	4	loss	yes		yes		0.3%
NAAR033-G1-3258.004	1	12	12q14.1	58,858,000	59,736,400	878,400	4	loss	yes	yes	yes		0.3%
NAAR051-D7-H12588	3	12	12q14.2/112q14.3/112q2	60,710,000	108,358,000	47,648,000	198	gain			yes	DKFZp434N2030[NM_001009894]CPM[NM_198320]ACTR6[NM_022496]VRL1[N]	5.1%
NAAR017-C4-H12209	3	12	12q21.1/112q21.2/112q	70,242,300	90,170,400	19,928,100	62	gain			yes	DKFZp434N2030[NM_001009894]KCNC2[NM_139136]PPFIA2[NM_003625]INAP	5.7%
NAAR071-D11-H13185	5	12	12q21.1/112q21.2/112q2	70,242,300	79,331,100	9,088,800	35	gain			yes	TRHDE[NM_013381]E2F7[NM_203394]HRB2[NM_007043]ICAPS2[NM_032606]IN	7.1%
NAAR001-A9-8002-202	7	12	12q21.1	71,222,200	71,727,000	504,800	3	loss			yes	TRHDE[NM_013381]	60.0%
NAAR047-H5-02C09507	7	12	12q24.12/112q21.32/112	83,493,800	126,600,000	43,106,200	162	gain			yes	DKFZp434N2030[NM_001009894]U1SNRNPBP[NM_007020]UNUAK1[NM_014840]	2.9%
NAAR056-B8-H10776	2	12	12q21.3/112q21.32/112	83,715,600	89,930,400	6,214,800	14	gain			yes	DKFZp434N2030[NM_001009894]DUSP6[NM_001946]DSPG3[NM_004950]LRR1	3.0%
NAAR071-D11-H13185	5	12	12q22/112q23.1	92,066,400	94,702,100	2,635,700	16	gain			yes	SCS2[NM_003877]METAP2[NM_006838]INTN4[NM_021229]ICRAD[NM_0038C	0.9%
NAAR071-D11-H13185	5	12	12q23.3/112q24.11	106,721,000	108,358,000	1,637,000	10	gain			yes	MGC90512[NM_001001655]ACACB[NM_001093]INFUN[NM_213595]FOXN4[NM]	0.9%
NAAR064-H9-H12140	1	12	12q24.3/112q24.32/112	121,620,000	130,547,000	8,927,000	30	gain			yes	GPR109B[NM_006018]IKIAA0318[NM_015347]VARL6IP4[NM_018694]FLJ39378[N]	21.6%
NAAR001-C9-8009-101	1	12	12q24.32	126,197,000	127,369,000	1,172,000	10	gain			yes		0.7%
NAAR047-H5-02C09507	7	12	12q24.32	126,951,000	127,164,000	213,000	2	loss					0.0%
NAAR047-H5-02C09507	7	12	12q24.32	126,951,000	127,289,000	917,000	7	gain					34.6%
NAAR028-C3-3133.003	1	12	12q24.33	128,620,000	128,999,000	379,000	4	loss			yes	FLJ31978[NM_144669]IKIAA1944[NM_133448]ISLC15A4[NM_145648]	100.0%
NAAR047-H5-02C09507	7	12	12q24.33	128,999,000	130,547,000	1,548,000	2	gain			yes	IKIAA0318[NM_015347]PIWIL1[NM_004764]EPI[MN_001980]FZD10[NM_00719	60.9%
NAAR035-F9-1014-F9-P1	1	13	13q12.11	18,867,500	18,867,500	0	2	gain					0.0%
NAAR041-F10-00C04574	2	13	13q12.12	22,502,100	23,692,300	1,190,200	9	gain	yes			SGCG[NM_000231]SPATA13[NM_153023]ISACS[NM_014363]IFLJ46358[NM_207	0.0%
NAAR041-F9-00C04573	1	13	13q12.12	22,502,100	23,692,300	1,190,200	9	gain	yes			SGCG[NM_000231]SPATA13[NM_153023]ISACS[NM_014363]IFLJ46358[NM_207	0.0%
NAAR051-G1-H12618	1	13	13q12.12	22,502,100	23,692,300	1,190,200	9	gain				SGCG[NM_000231]SPATA13[NM_153023]IFLJ46358[NM_207]439]TNRFS19[NM]	0.0%
NAAR047-H1-02C09502	8	13	13q13.1/113q13.2	32,884,200	33,883,200	999,000	6	gain			yes	RFC3[NM_002915]RFC3[NM_181558]	11.6%
NAAR051-F7-H12612	2	13	13q13.1/113q13.2	32,884,200	33,883,200	999,000	6	gain			yes	RFC3[NM_181558]RFC3[NM_002915]	11.6%
NAAR054-F3-H10298	1	13	13q14.2	47,048,100	47,569,100	521,000	8	gain	yes			NUDT15[NM_018283]MED4[NM_014166]SUCLA2[NM_003850]	0.0%
NAAR054-F4-H10299	1	13	13q14.2	47,048,100	47,569,100	521,000	8	gain	yes			NUDT15[NM_018283]MED4[NM_014166]SUCLA2[NM_003850]	0.0%
NAAR010-A8-8252-101	1	13	13q21.2	59,820,300	60,629,400	809,100	8	gain				TDRD3[NM_030794]	0.0%
NAAR031-G7-3212.003	1	13	13q21.31/113q21.32	63,529,600	65,319,400	1,789,800	9	gain	yes				69.2%
NAAR031-A8-3212.005	2	13	13q21.32	64,798,700	65,319,400	520,700	6	gain	yes				94.8%
NAAR044-C3-01C06329	1	13	13q21.32	65,120,700	65,951,300	830,600	5	gain	yes			PCDH9[NM_020403]PCDH9[NM_203487]	26.4%
NAAR044-C5-01C06331	1	13	13q21.32	65,120,700	65,951,300	830,600	5	gain	yes			PCDH9[NM_020403]PCDH9[NM_203487]	26.4%
NAAR064-A8-H11697	4	13	13q22.1/113q22.2/113q2	69,845,500	114,040,000	44,194,500	214	gain			yes	KLF12[NM_016285]RAP2A[NM_021033]ZIC5[NM_033132]C13orf7[NM_024546]K	12.5%
NAAR072-F11-200501053	3	13	13q31.1	80,722,400	82,292,200	1,569,800	9	gain			yes		15.6%
NAAR047-H1-02C09502	8	13	13q31.1	83,604,500	84,667,000	1,062,500	6	gain			yes		20.8%
NAAR065-H7-H12478	2	13	13q32.1/113q32.2	95,348,800	97,815,200	2,466,400	5	gain			yes	RAP2A[NM_021033]IFARP1[NM_001001715]HSP90B[NM_001014441]MBNL2[N]	1.7%
NAAR072-F11-200501053	3	13	13q33.1/113q33.2	103,629,000	104,277,000	648,000	7	loss			yes		0.6%
NAAR036-E10-1014-E10-P2	3	14	14q11.2	21,305,700	21,719,200	413,500	9	gain			yes	MGC40069[NM_182615]	34.4%
NAAR038-D6-1015-D6-P1	1	14	14q11.2	21,305,700	21,719,200	413,500	9	gain			yes	MGC40069[NM_182615]	34.4%
NAAR060-D12-H12253	1	14	14q12	24,430,200	26,370,200	1,940,000	13	gain			yes	NOVA1[NM_002515]NOVA1[NM_006491]ISTXP6[NM_014178]NOVA1[NM_0064	10.2%
NAAR003-G12-8071-201	1	14	14q12	24,835,400	26,578,900	1,743,500	12	gain			yes	NOVA1[NM_006489]NOVA1[NM_002515]NOVA1[NM_006491]	11.4%
NAAR010-E1-8264-201	2	14	14q12	24,835,400	25,548,500	713,100	6	gain			yes		24.9%
NAAR065-H7-H12478	2	14	14q21.1/114q21.2	42,414,300	45,689,300	3,275,000	6	gain			yes	C14orf28[NM_001017923]IFKBP3[NM_002013]C14orf106[NM_018353]C14orf155]	25.9%
NAAR025-A11-3091.002	1	14	14q23.1/114q23.2/114q2	60,168,400	69,827,500	9,659,100	35	gain			yes	SYNE2[NM_182914]ZFYZE2[NM_015346]SYNE2[NM_182910]SYNE2[NM_182E	0.5%
NAAR063-F7-H11544	1	14	14q23.2/114q23.3	61,897,100	65,075,600	3,178,500	11	gain			yes	SYNE2[NM_182914]KCNH5[NM_139318]SPTB[NM_000347]IFUT8[NM_004480]H	0.5%
NAAR063-E9-H11500	1	14	14q31.1/114q31.2/114q	80,741,900	87,019,000	6,277,100	43	gain			yes	GTFA1[NM_201595]ISEL1[NM_005065]ISTN2[NM_033104]FLRT2[NM_013231]H	11.8%
NAAR062-D4-H10888	4	14	14q31.2/114q31.3	83,114,500	84,447,600	1,333,100	9	gain			yes		11.8%
NAAR073-G10-04C35576	1	14	14q31.3/114q32.1/114	85,945,100	106,312,000	20,366,900	79	gain			yes	EVL[NM_016337]XRC3[NM_005432]C14orf139[NM_024633]C14orf48[NM_1527	12.3%
NAAR036-E11-1014-E11-P2	5	14	14q31.3	87,435,700	87,555,500	119,800	2	gain			yes	GPR65[NM_003608]IGALC[NM_000153]	32.7%
NAAR070-G10-H13137	1	14	14q32.2	96,309,000	96,346,800	37,800	2	gain				VRK1[NM_003384]	0.0%
NAAR002-E3-8026-204	2	15	15q11.2	21,490,300	22,083,700	593,400	9	gain			yes		47.5%
NAAR024-B7-3064.003	1	15	15q11.2/115q12	21,490,300	25,698,400	4,208,100	18	gain	yes			SNRPN[NM_022806]SNRPN[NM_022807]UBE3A[NM_130839]OCA2[NM_00027E	30.7%
NAAR024-C7-3064.004	1	15	15q11.2/115q12	21,490,300	25,698,400	4,208,100	18	gain	yes			SNRPN[NM_022806]SNRPN[NM_022807]UBE3A[NM_130839]OCA2[NM_00027E	30.7%
NAAR039-C9-1021-C9-P3	2	15	15q11.2/115q12	21,490,300	25,698,400	4,208,100	18	gain			yes	SNRPN[NM_022806]SNRPN[NM_022807]UBE3A[NM_130839]OCA2[NM_00027E	30.7%
NAAR039-E9-1012-F2-PA	1	15	15q11.2/115q12	21,490,300	25,698,400	4,208,100	18	gain			yes	SNRPN[NM_022806]SNRPN[NM_022807]UBE3A[NM_130839]OCA2[NM_00027E	30.7%
NAAR065-E6-H10302	1	15	15q11.2/115q12	21,490,300	25,698,400	4,208,100	18	gain	yes			SNRPN[NM_022806]SNRPN[NM_022807]SNRPN[NM_022805]GABRA5[NM_000	30.7%
NAAR065-E7-H10304	1	15	15q11.2/115q12	21,490,300	25,698,400	4,208,100	18	gain	yes			SNRPN[NM_022806]SNRPN[NM_022807]SNRPN[NM_022805]GABRA5[NM_000	30.7%
NAARCP2-D8-20012666	1	15	15q11.2	21,490,300	21,597,600	107,300	3	gain					0.0%
NAAR015-C12-F-016-003	1	15	15q11.2	21,885,600	22,083,700	198,100	6	gain			yes		100.0%
NAAR024-A7-3064.002	1	15	15q11.2/115q12	21,885,600	25,698,400	3,812,800	15	gain	yes			SNRPN[NM_022806]SNRPN[NM_022807]UBE3A[NM_130839]OCA2[NM_00027E	31.6%
NAAR046-F11-01C08067	1	15	15q11.2	21,885,600	22,083,700	198,100	6	loss		yes			100.0%
NAAR058-G1-H11616	1	15	15q11.2	21,885,600	22,083,700	198,100	6	gain			yes		100.0%
NAAR077-D7-04C38331	5	15	15q11.2	21,920,700	22,083,700	163,000	5	gain			yes		100.0%
NAAR052-E6-H10308	1	15	15q12	23,325,300	24,495,700	1,170,400	4	gain			yes	GABRB3[NM_021912]UATP10A[NM_024490]GABRB3[NM_000814]	14.3%
NAAR064-F5-H12040	5	15	15q12	23,325,300	23,325,400	100	3	gain					0.0%
NAAR031-B5-3206.001	5	15	15q12	24,833,700	25,039,100	205,400	2	loss			yes	GABRG3[NM_033223]	6.3%
NAAR078-A3-200305415	9	15	15q22.1/115q22.33/115	49,345,700	100,170,000	50,824,300	190	gain		yes	yes		

Sample ID	CNV/sample	Chr	Cytoband	Start	Stop	Size	#SNPs/segment	CNV	Familial	Mendelian error	dGV	RefGene	% overlap
NAAR032-B1-3221.001	2	16	16q22.3	73,431,000	73,431,100	100	2	loss					0.0%
NAAR033-E12-3277.001	1	16	16q22.3	73,431,000	73,431,100	100	2	loss					0.0%
NAAR044-C9-01C06335	1	16	16q22.3	73,431,000	73,431,100	100	2	loss					0.0%
NAAR048-B12-02C09663	1	16	16q22.3	73,431,000	73,547,600	116,600	4	loss				WDR59[NM_030581]	0.0%
NAAR058-H6-H11660	3	16	16q22.3	73,431,000	73,547,600	116,600	4	gain				WDR59[NM_030581]	0.0%
NAAR073-B1-03C15328	2	16	16q22.3	73,431,000	73,547,600	116,600	4	loss				WDR59[NM_030581]	0.0%
NAARCP2-E12-H11728	1	16	16q22.3	73,431,000	73,547,600	116,600	4	loss				WDR59[NM_030581]	0.0%
NAAR002-A4-8025-111	1	16	16q23.1	74,542,400	74,727,000	184,600	5	gain			yes		6.4%
NAAR030-D3-3179.007	1	16	16q23.1	74,542,400	74,727,000	184,600	5	gain			yes		6.4%
NAAR017-D4-H12243	1	16	16q23.3	81,327,500	82,050,200	722,700	5	gain				CDH13[NM_001257]	0.0%
NAAR001-D12-8012-111	1	17	17p12	14,304,400	15,237,700	933,300	10	loss	yes		yes	PMP22[NM_153322]PMP22[NM_000304]TEKT3[NM_031898]FLJ45831[NM_001C1]	100.0%
NAAR028-B4-3135.002	1	17	17p12	14,304,400	15,237,700	933,300	10	loss	yes		yes	PMP22[NM_153322]FLJ45831[NM_001001684]TEKT3[NM_031898]PMP22[NM_1]	100.0%
NAAR028-C4-3135.003	1	17	17p12	14,304,400	15,237,700	933,300	10	loss	yes	yes	yes	PMP22[NM_153322]FLJ45831[NM_001001684]TEKT3[NM_031898]PMP22[NM_1]	100.0%
NAAR028-D4-3135.004	1	17	17p12	14,304,400	15,237,700	933,300	10	loss	yes	yes	yes	PMP22[NM_153322]FLJ45831[NM_001001684]TEKT3[NM_031898]PMP22[NM_1]	100.0%
NAAR068-B11-H11405	2	17	17p12	14,304,400	15,237,700	933,300	10	gain	yes		yes	PMP22[NM_153322]TEKT3[NM_031898]PMP22[NM_153321]FLJ45831[NM_001C1]	100.0%
NAAR068-B12-H11404	2	17	17p12	14,304,400	15,237,700	933,300	10	gain	yes		yes	PMP22[NM_153322]TEKT3[NM_031898]PMP22[NM_153321]FLJ45831[NM_001C1]	100.0%
NAAR001-E1-8012-201	1	17	17p12	14,432,900	15,237,700	804,800	9	loss			yes	PMP22[NM_153322]PMP22[NM_000304]TEKT3[NM_031898]FLJ45831[NM_001C1]	100.0%
NAAR045-A5-01C06750	3	17	17p12	14,691,700	15,108,700	417,200	4	gain			yes	PMP22[NM_153322]PMP22[NM_153321]PMP22[NM_000304]	100.0%
NAAR063-A12-H11182	1	17	17q12	29,183,000	29,706,600	523,600	3	gain				ACCN1[NM_001094]CCL7[NM_006273]ICL2[NM_002982]CCL11[NM_0002986]IC	0.0%
NAAR050-A9-02C11027	3	17	17q12	30,711,500	30,770,900	59,400	2	loss				FLJ10260[NM_018042]FLJ34922[NM_152270]	0.0%
NAAR003-A5-8047-202	4	17	17q21.1	33,248,900	76,399,500	43,150,600	88	gain		yes	yes	KRTHA7[NM_003770]FLJ34306[NM_199340]CD79B[NM_021602]CAC33[NM_00]	18.2%
NAAR030-H11-3197.001	1	17	17q22	48,416,700	48,608,800	192,100	6	loss			yes		100.0%
NAAR067-D10-H12765	2	18	18p11.32	1,564,270	1,807,190	242,920	8	gain	yes				0.0%
NAAR067-D12-H12767	2	18	18p11.32	1,564,270	1,964,310	400,040	10	gain	yes		yes		3.7%
NAAR076-D4-04C36611	1	18	18p11.32	1,748,000	1,807,190	59,190	4	loss					0.0%
NAAR071-D10-H13184	1	18	18p11.22	8,514,030	8,514,030	90	2	loss					0.0%
NAAR022-D7-3018.005	3	18	18p11.22	10,142,900	18,307,400	8,164,500	16	gain			yes	C18orf58[NM_173817]KIAA1772[NM_024935]MGC26718[NM_001029999]PTPN2	22.3%
NAAR022-A10-3023.004	1	18	18p11.21	10,741,600	11,601,400	859,800	7	gain	yes			C18orf58[NM_173817]	0.0%
NAAR022-G9-3023.002	1	18	18p11.21	10,741,600	11,601,400	859,800	7	gain	yes			C18orf58[NM_173817]	0.0%
NAAR022-H9-3023.003	1	18	18p11.21	10,741,600	11,601,400	859,800	7	gain	yes			C18orf58[NM_173817]	0.0%
NAAR001-F11-8017-202	3	18	18p11.21	11,554,300	11,601,400	47,100	3	loss					0.0%
NAAR036-E10-1014-E10-P2	3	18	18q11.2	18,307,400	18,529,700	222,300	4	gain					0.0%
NAAR050-H11-H12539	2	18	18q11.2	18,307,400	18,529,700	222,300	4	gain					0.0%
NAAR058-D6-H11540	6	18	18q11.2	18,307,400	18,529,700	222,300	4	gain					0.0%
NAAR022-D7-3018.005	3	18	18q12.1	23,452,600	37,808,900	14,356,300	65	gain			yes	GALNT1[NM_020474]WDR46[NM_032980]IDSC3[NM_024423]IDTNA3[NM_001390]I	14.9%
NAAR028-G6-3140.002	1	18	18q12.1	27,086,600	27,580,600	493,000	4	gain			yes	DSG4[NM_177966]IDSG2[NM_001943]UB4GALT6[NM_004775]IDSG3[NM_001944]	0.2%
NAAR031-A8-3212.005	2	18	18q12.2	32,374,000	32,510,700	136,700	4	loss	yes		yes	FHOD3[NM_025135]	100.0%
NAAR031-E7-3212.001	1	18	18q12.2	32,374,000	32,510,700	136,700	4	loss			yes	FHOD3[NM_025135]	100.0%
NAAR027-G6-3121.002	1	18	18q12.2	34,993,000	35,619,700	626,700	5	loss	yes		yes		0.0%
NAAR036-B11-1014-B11-P2	1	18	18q12.2	34,993,000	35,619,700	626,700	5	loss	yes	yes			0.0%
NAAR022-D7-3018.005	3	18	18q21.33	59,524,800	65,213,000	5,688,200	27	gain			yes	CDH19[NM_021153]ICDH7[NM_033646]SERPINB8[NM_001031848]C18orf14[NM]	16.4%
NAAR030-C12-3198.001	2	19	19p13.3	3,542,590	15,912,900	12,370,310	20	gain	yes		yes	NDUFA11[NM_175614]ZNF441[NM_152355]ITCAM1[NM_182919]FLJ90396[NM_1]	10.2%
NAAR030-D12-3198.002	5	19	19p13.3	3,542,590	16,332,900	12,790,310	23	gain	yes		yes	NDUFA11[NM_175614]ZNF441[NM_152355]ITCAM1[NM_182919]FLJ90396[NM_1]	9.8%
NAAR020-B4-H10937	1	19	19q12	32,869,600	33,398,500	528,900	7	gain			yes		100.0%
NAAR068-F1-H12861	2	19	19q12	32,869,600	33,210,000	340,400	5	gain			yes		100.0%
NAAR071-F1-04C33149	1	19	19q13.11	37,946,700	39,375,900	1,429,200	8	gain			yes	PEPD[NM_000285]SLC7A9[NM_014270]CEBPG[NM_001806]ILRP3[NM_002333]	56.3%
NAAR030-D12-3198.002	5	19	19q13.12	40,749,500	63,437,700	22,688,200	72	gain			yes	KIAA1559[NM_020917]MGC70924[NM_199285]YMPK[NM_004819]NCF2F23[NM]	21.1%
NAAR009-B6-8163-201	1	19	19q13.2	48,066,400	48,163,400	97,000	2	gain			yes	PSG7[NM_002783]PSG5[NM_006905]PSG6[NM_001031850]PSG6[NM_002782]	100.0%
NAAR017-C1-H12201	3	19	19q13.2	48,066,400	48,163,400	97,000	2	gain			yes	PSG7[NM_002783]PSG5[NM_006905]PSG6[NM_001031850]PSG6[NM_002782]	100.0%
NAAR027-D4-3118.002	3	19	19q13.41	56,203,700	56,276,400	72,700	4	gain				KLK11[NM_015596]KLK11[NM_002776]KLK12[NM_145895]KLK9[NM_012315]IK1	0.0%
NAAR031-F7-3212.002	2	19	19q13.41	56,593,300	57,641,200	1,047,900	7	gain			yes	SICLEC9[NM_198845]ZNF613[NM_001031721]ZNF614[NM_025040]SICLEC12[N]	58.5%
NAAR041-G10-01C05471	2	20	20p13	95,685	1,358,480	1,262,795	6	gain	yes		yes	TCF15[NM_004609]SRXN1[NM_080725]PSMF1[NM_178578]TRIB3[NM_021158]	23.9%
NAAR041-G7-01C05468	2	20	20p13	95,685	691,220	595,535	4	gain	yes		yes	TCF15[NM_004609]SRXN1[NM_080725]TRIB3[NM_021158]C20orf118[NM_03122	50.7%
NAAR052-B6-02C13146	1	20	20p12.3	7,830,110	8,757,230	927,120	9	gain			yes	TXNDC13[NM_021156]HAO1[NM_017545]PLCB1[NM_015192]PLCB1[NM_1827]	64.0%
NAAR051-D5-H12455	1	20	20q11.21	29,310,100	29,470,000	159,900	2	gain				DEFB12[NM_001011878]DEFB19[NM_173460]DEFB118[NM_054112]DEFB11	0.0%
NAAR061-D2-H10427	2	20	20q13.2	51,292,700	52,138,700	846,000	3	gain			yes	ZNF218[NM_173485]BCAS1[NM_003657]ZNF217[NM_006526]	1.1%
NAAR041-A2-99C00465	4	20	20q13.33	59,180,200	59,682,100	501,900	5	gain				CDH4[NM_001794]	0.0%
NAAR006-B2-8127-203	1	21	21q11.2	13,520,500	46,782,200	33,261,700	165	gain			yes	ATP5J[NM_001003896]CRYZL1[NM_145858]CLDN14[NM_144492]C21orf118[NM]	10.8%
NAAR010-H3-8273-202	1	21	21q11.2	13,520,500	13,574,800	54,300	2	gain			yes		100.0%
NAAR065-D2-H12316	1	21	21q11.2	13,520,500	46,782,200	33,261,700	165	gain			yes	ATP5J[NM_001003896]CRYZL1[NM_145858]CLDN14[NM_144492]COL6A2[NM]	10.8%
NAAR017-C1-H12201	3	21	21q22.11	30,538,900	30,983,100	444,200	8	gain	yes			KRTAP19-4[NM_181610]KRTAP19-6[NM_181612]KRTAP19-5[NM_181611]KRTA	0.0%
NAAR017-C2-H12202	1	21	21q22.11	30,538,900	30,983,100	444,200	8	gain	yes			KRTAP19-4[NM_181610]KRTAP19-6[NM_181612]KRTAP19-5[NM_181611]KRTA	0.0%
NAAR066-E3-H12698	1	21	21q22.12	36,049,900	36,344,800	294,900	5	gain				C21orf18[NM_001007258]C21orf18[NM_001007261]C21orf18[NM_001007262]C2	0.0%
NAAR059-C7-H11876	1	21	21q22.12	36,447,400	36,479,700	32,300	2	gain				C21orf18[NM_005128]	0.0%
NAAR050-H6-H12534	2	21	21q22.3	46,014,600	46,782,200	767,600	3	gain			yes	COL6A2[NM_001849]C21orf56[NM_032261]COL6A1[NM_001848]IFTCD[NM_206	10.0%
NAAR069-A4-H12923	1	21	21q22.3	46,751,900	46,782,200	30,300	2	gain				DIP2A[NM_206891]DIP2A[NM_015151]DIP2A[NM_206890]DIP2A[NM_206889]	0.0%
NAAR030-C8-3183.007	1	22	22q11.21	17,506,900	19,774,000	2,267,100	4	loss			yes	MRPL40[NM_003776]ICLTL1[NM_007098]UF01[NM_001035247]IDGCR6L[NM]	20.7%
NAAR063-B1-H1183_2	2	22	22q11.21	17,506,900	20,306,800	2,799,900	5	gain	yes		yes	MRPL40[NM_003776]ICLTL1[NM_007098]UF01[NM_001035247]ICARF2[NM_1	30.1%
NAAR063-A10-H11180	1	22	22q11.21	18,008,700	19,774,000	1,765,300	3	gain	yes		yes	SCARF2[NM_153334]SEPT5[NM_002688]PIK4CA[NM_058004]TBX1[NM_005992]	26.6%
NAAR074-A11-04C35671	2	22	22q12.1	26,638,100	27,802,400	1,164,300	4	gain				KREMEN1[NM_032045]CHEK2[NM_007194]CHEK2[NM_145862]KREMEN1[NM_1]	0.0%
NAAR047-C7-01C08457	1	22	22q13.32	47,196,500	48,006,700	810,200	4	gain			yes	FAM19A5[NM_015381]	4.8%
NAAR001-G4-8018-201	1	22	22q13.32	47,765,700	48,006,700	241,000	3	loss			yes		12.1%
NAAR010-E3-8264-203	1	22	22q13.32	47,765,700	48,006,700	241,000	3	gain			yes		12.1%
NAAR072-F11-200501053	3	22	22q13.32	48,004,600	48,881,300	876,700	5	loss	yes		yes	FLJ41993[NM_001001694]MLC1[NM_139202]PIM3[NM_001001852]CRELD2[NM]	3.0%
NAAR073-B1-03C15328	2	22	22q13.32	47,765,700	48,881,300	1,115,600	5	loss	yes		yes	FLJ41993[NM_001001694]MLC1[NM_139202]PIM3[NM_001001852]CRELD2[NM]	3.0%
NAAR074-H9-04C35948													