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Supplementary Table.

List of genes intersected by the deletions in duplications >1000kb in cases, as presented in Table 2 of the main text.

SampleID	Chr	Start (bp)	End (bp)	Size (kb)	Genes in the region
Deletions:					
19336A5	2	139150475	140198728	1048	SPOPL, NXPH2
20577A5	3	17179123	20586352	3407	TBC1D5, SATB1, KCNH8, EFHB, RAB5A, KAT2B, SGOL1
19326C3	5	165712	1196298	1031	PLEKHG4B, LOC389257, CCDC127, SDHA, PDCD6, AHRR, LOC116349, EXOC3, SLC9A3, CEP72, TPPP, ZDHHC11, BRD9, TRIP13, NKD2, SLC12A7
19338E3	6	48110720	49298238	1188	C6orf138
19339E4	7	137845291	139317586	1472	TRIM24, SVOPL, ATP6V0A4, TMEM213, KIAA1549, ZC3HAV1L, ZC3HAV1, TTC26, FLJ25778, C7orf55, LUC7L2, KLRG2, CLEC2L, HIPK2, TBXAS1
19328D4	7	157744094	158798338	1054	PTPRN2, NCAPG2, FAM62B, WDR60, VIPR2
19338A2	10	12673372	14643305	1970	CAMK1D, CCDC3, OPTN, MCM10, C10orf49, PHYH, SEPHS1, C10orf30, PRPF18, FRMD4A, FAM107B
19325A4	17	14048304	15357533	1309	COX10, CDRT15, HS3ST3B1, FLJ45831, PMP22, TEKT3, CDRT4, FAM18B2
19338F6	17	14048304	15357533	1309	COX10, CDRT15, HS3ST3B1, FLJ45831, PMP22, TEKT3, CDRT4, FAM18B2
19338B6	22	17275227	19791017	2516	DGCR6, PRODH, DGCR2, DGCR14, TSSK2, GSC2, SLC25A1, CLTCL1, HIRA, MRPL40, C22orf39, UFD1L, CDC45L, CLDN5, SEPT5, GP1BB, TBX1, GNB1L, C22orf29, TXNRD2, COMT, ARVCF, C22orf25, DGCR8, HTF9C, RANBP1, ZDHHC8, RTN4R, DGCR6L, RIMBP3, ZNF74, SCARF2, KLHL22, MED15, PI4KA, SERPIND1, SNAP29, CRKL, AIFM3, LZTR1, THAP7, P2RX6, SLC7A4
19326F4	22	17275227	19791017	2516	DGCR6, PRODH, DGCR2, DGCR14, TSSK2, GSC2, SLC25A1, CLTCL1, HIRA, MRPL40, C22orf39, UFD1L, CDC45L, CLDN5, SEPT5, GP1BB, TBX1, GNB1L, C22orf29, TXNRD2, COMT, ARVCF, C22orf25, DGCR8, HTF9C, RANBP1, ZDHHC8, RTN4R, DGCR6L, RIMBP3, ZNF74, SCARF2, KLHL22, MED15, PI4KA, SERPIND1, SNAP29, CRKL, AIFM3, LZTR1, THAP7, P2RX6, SLC7A4
20579B3	X	323881	2726346	2402	SHOX, CRLF2, CSF2RA, IL3RA, SLC25A6, ASMTL, P2RY8, SFRS17A, ASMT, DHRSX, ZBED1, CD99, XG
19339D3	X	6505282	8051350	1546	HDHD1A, STS, VCX, PNPLA4

Duplications:					
19338A5	1	17118758	18187208	1068	CROCC, MFAP2, ATP13A2, SDHB, PADI2, PADI1, PADI3, PADI4, PADI6, RCC2, ARHGEF10L, ACTL8
19326C3*	1	144964403	146281318	1317	PRKAB2, FMO5, CHD1L, BCL9, ACP6, GJA5, GJA8, GPR89B, GPR89C, NBPF11, LOC728912
20577F4	2	106275670	107792241	1517	ST6GAL2
20579B4	3	58527369	60146377	1619	FAM107A, FAM3D, C3orf67, FHIT
19336D3	7	47255074	49037822	1783	TNS3, LOC401335, PKD1L1, FLJ21075, HUS1, SUNC1, C7orf57, UPP1, ABCA13
19338B1	7	157623546	158798338	1175	PTPRN2, NCAPG2, FAM62B, WDR60, VIPR2
19337A5	8	136873012	138138546	1266	-
19325E5	12	33576567	34650850	1074	ALG10
19337F4	13	22466197	23791694	1325	SGCG, SACS, TNFRSF19, MIPEP, PCOTH, RP11-45B20.2, SPATA13, C1QTNF9
19339B1	14	80656427	82414847	1758	TSHR, GTF2A1, STON2, SEL1L
19326C3	14	104812400	106318151	1506	BRF1, BTBD6, PACS2, MTA1, CRIP2, CRIP1, C14orf80, TMEM121
19339G4	15	21246055	26196279	4950	MKRN3, MAGEL2, NDN, C15orf2, SNRPN, SNURF, UBE3A, ATP10A, GABRB3, GABRA5, GABRG3, OCA2, HERC2
19335E2	15	28748073	30231488	1483	MTMR15, MTMR10, TRPM1, KLF13, OTUD7A, CHRNA7
19327C3	16	15032942	16189808	1157	PDXDC1, NTAN1, RRN3, MPV17L, C16orf45, KIAA0430, NDE1, MYH11, C16orf63, ABCC1, ABCC6
19327F2	16	15032942	16189808	1157	PDXDC1, NTAN1, RRN3, MPV17L, C16orf45, KIAA0430, NDE1, MYH11, C16orf63, ABCC1, ABCC6
20577B1	16	15032942	16189808	1157	PDXDC1, NTAN1, RRN3, MPV17L, C16orf45, KIAA0430, NDE1, MYH11, C16orf63, ABCC1, ABCC6
19338A5	18	26180575	27565032	1384	DSC3, DSC2, DSC1, DSG1, DSG4, DSG3, DSG2, TTR, B4GALT6
19326C1	X	281199	2726346	2445	SHOX, CRLF2, CSF2RA, IL3RA, SLC25A6, ASMTL, P2RY8, SFRS17A, ASMT, DHRSX, ZBED1, CD99, XG
19325H5	X	6505282	8051350	1546	HDHD1A, STS, VCX, PNPLA4