

Example of possible Deletion and Duplication strating from 7Mb size

Deletions/duplication	Description	Chromosome	location	copy number	Size
Chromosome 7q deletion	Chromosome 7q deletion syndrome is detected; it is resulted from a small part of deletion on chromosome 7q; please follow up counselling and view the result with physicians.	7	7q	del	99,238662
Chromosome 18q deletion syndrome	Chromosome 18q deletion syndrome is detected; it is resulted from a small part of deletion on chromosome 18q; please follow up counselling and view the result with physicians.	18	18q	del	60,877247
Chromosome 9p deletion syndrome	Chromosome 9p deletion syndrome is detected; it is resulted from a small part of deletion on chromosome 9p; please follow up counselling and view the result with physicians.	9	9p	del	48,999999
Chromosome 14q11-q22 deletion syndrome	Chromosome 14q11-q22 deletion syndrome is detected; it is resulted from a small part of deletion on chromosome 14q11-q22; please follow up counselling and view the result with physicians.	14	14q11-q22	del	40,499999
Chromosome 1p36 deletion syndrome	Chromosome 1p36 deletion syndrome is detected; it is resulted from a small part of deletion on chromosome 1p36; please follow up counselling and view the result with physicians.	1	1p36	del	27,999999
Chromosome 6q11-q14 deletion syndrome	Chromosome 6q11-q14 deletion syndrome is detected; it is resulted from a small part of deletion on chromosome 6q11-q14; please follow up counselling and view the result with physicians.	6	6q11-q14	del	26,999999
Chromosome 8q12.1-q21.2 deletion syndrome	Chromosome 8q12.1-q21.2 deletion syndrome is detected; it is resulted from a small part of deletion on chromosome 8q12.2-q21.2; please follow up counselling and view the result with physicians.	8	8q12.2-q21.2	del	25,299999
Chromosome Xq21 deletion syndrome	Chromosome Xq21 deletion syndrome is detected; it is resulted from a small part of deletion on chromosome Xq21; please follow up counselling and view the result with physicians.	23	Xq21	del	22,299999
Chromosome 1q41-q42 deletion syndrome	Chromosome 1q41-q42 deletion syndrome is detected; it is resulted from a small part of deletion on chromosome 1q41-q42; please follow up counselling and view the result with physicians.	1	1q41-q42	del	22,099999
Chromosome 6q24-q25 deletion syndrome	Chromosome 6q24-q25 deletion syndrome is detected; it is resulted from a small part of deletion on chromosome 6q24-q25; please follow up counselling and view the result with physicians.	6	6q24-q25	del	21,999999
Dandy-Walker syndrome (DWS)	Dandy-Walker syndrome is detected; it is resulted from a small part of deletion on chromosome 3q22-q24; please follow up counselling and view the result with physicians.	3	3q22-q24	del	19,699944
Chromosome 18p deletion syndrome	Chromosome 18p deletion syndrome is detected; it is resulted from a small part of deletion on chromosome 18p; please follow up counselling and view the result with physicians.	18	18p	del	17,199999
Chromosome 10q26 deletion syndrome	Chromosome 10q26 deletion syndrome is detected; it is resulted from a small part of deletion on chromosome 10q26; please follow up counselling and view the result with physicians.	10	10q26	del	16,434746
Chromosome 3p- syndrome	Chromosome 3pter-p25 deletion syndrome is detected; it is resulted from a small part of deletion on chromosome 3pter-p25; please follow up counselling and view the result with physicians.	3	3pter-p25	del	16,399999
Chromosome 2p12-p11.2 deletion syndrome	Chromosome 2p12-p11.2 deletion syndrome is detected; it is resulted from a small part of deletion on chromosome 2p12-p11.2; please follow up counselling and view the result with physicians.	2	2p12-p11.2	del	15,499999
Chromosome 5q14.3 deletion syndrome	Chromosome 5q14.3 deletion syndrome is detected; it is resulted from a small part of deletion on chromosome 5q14.3-q15; please follow up counselling and view the result with physicians.	5	5q14.3-q15	del	15,399999
Chromosome 13q14 deletion syndrome	Chromosome 13q14 deletion syndrome is detected; it is resulted from a small part of deletion on chromosome 13q14; please follow up counselling and view the result with physicians.	13	13q14	del	15,199999
Chromosome 10q22.3-q23.2 deletion syndrome	Chromosome 10q22.3-q23.2 deletion syndrome is detected; it is resulted from a small part of deletion on chromosome 10q23; please follow up counselling and view the result with physicians.	10	10q23	del	14,999999
Levy-Shanske syndrome	Levy-Shanske syndrome is detected; it is resulted from a small part of duplication on chromosome 15q26-qter; please follow up counselling and view the result with physicians.	15	15q26-qter	dup	13,421391
Chromosome 15q26-qter deletion syndrome	Chromosome 15q26-qter deletion syndrome is detected; it is resulted from a small part of deletion on chromosome 15q26-qter; please follow up counselling and view the result with physicians.	15	15q26-qter	del	13,421391
Chromosome 6pter-p24 deletion syndrome	Chromosome 6pter-p24 deletion syndrome is detected; it is resulted from a small part of deletion on chromosome 6pter-p24; please follow up counselling and view the result with physicians.	6	6pter-p24	del	13,4
Split-hand/foot malformation 5 (SHFM5)	Split-hand/foot malformation 5 is detected; it is resulted from a small part of deletion on chromosome 2q31; please follow up counselling and view the result with physicians.	2	2q31	del	13,299999
Chromosome Xq27.3-q28 duplication syndrome	Chromosome Xq27.3-q28 duplication syndrome is detected; it is resulted from a small part of duplication on chromosome Xq27.3-q28; please follow up counselling and view the result with physicians.	23	Xq27.3-q28	dup	13,170559
Holoprosencephaly 6 (HPE6)	Holoprosencephaly 6 is detected; it is resulted from a small part of deletion on chromosome 2q37.1-q37.3; please follow up counselling and view the result with physicians.	2	2q37.1-q37.3	del	13,099372
Chromosome Xp21 deletion syndrome	Chromosome Xp21 deletion syndrome is detected; it is resulted from a small part of deletion on chromosome Xp21; please follow up counselling and view the result with physicians.	23	Xp21	del	12,699999
Cri du Chat syndrome	Cri du Chat syndrome is detected; it is resulted from a small part of deletion on chromosome 5p; please follow up counselling and view the result with physicians.	5	5p	del	12,523303
WAGRO syndrome	WAGRO syndrome is detected; it is resulted from a small part of deletion on chromosome 11p13-p12; please follow up counselling and view the result with physicians.	11	11p13-p12	del	12,499999
Chromosome 4q21 deletion syndrome	Chromosome 4q21 deletion syndrome is detected; it is resulted from a small part of deletion on chromosome 4q21; please follow up counselling and view the result with physicians.	4	4q21	del	11,699999
Yuan-Harel-Lupski syndrome	Yuan-Harel-Lupski syndrome is detected; it is resulted from a small part of duplication on chromosome 17p12-p11.2; please follow up counselling and view the result with physicians.	17	17p12-p11.2	dup	11,499999
Cat-Eye syndrome	Cat-Eye syndrome syndrome is detected; it is resulted from a small part of duplication on chromosome 22q11; please follow up counselling and view the result with physicians.	22	22q11	dup	11,199999
Jacobsen syndrome	Jacobsen syndrome is detected; it is resulted from a small part of deletion on chromosome 11q23; please follow up counselling and view the result with physicians.	11	11q23	del	10,799999
DiGeorge syndrome 2 (DGS2)	DiGeorge syndrome 2 is detected; it is resulted from a small part of deletion on chromosome 10p14-p13; please follow up counselling and view the result with physicians.	10	10p14-p13	del	10,699999
Langer-Giedion syndrome (LGS)	Langer-Giedion syndrome is detected; it is resulted from a small part of deletion on chromosome 8q24.11-q24.13; please follow up counselling and view the result with physicians.	8	8q24.11-q24.13	del	9,599999
Chromosome 2p16.1-p15 deletion syndrome	Chromosome 2p16.1-p15 deletion syndrome is detected; it is resulted from a small part of deletion on chromosome 2p16.1-p15; please follow up counselling and view the result with physicians.	2	2p16.1-p15	del	9,1
Chromosome 4q32.1-q32.2 triplication syndrome	Chromosome 4q32.1-q32.2 triplication syndrome is detected; it is resulted from a small part of duplication on chromosome 4q32.1-q32.2; please follow up counselling and view the result with physicians.	4	4q32.1-q32.2	dup	8,899999
Chromosome 16p12.2-p11.2 deletion syndrome	Chromosome 16p12.2-p11.2 deletion syndrome is detected; it is resulted from a small part of deletion on chromosome 16p12.2-p11.2; please follow up counselling and view the result with physicians.	16	16p12.2-p11.2	del	8,687792
Chromosome Xp11.23-p11.22 duplication syndrome	Chromosome Xp11.23-p11.22 duplication syndrome is detected; it is resulted from a small part of duplication on chromosome Xp11.23-p11.22; please follow up counselling and view the result with physicians.	23	Xp11.23-p11.22	dup	8,399999
Chromosome 2q31.1 duplication syndrome	Chromosome 2q31.1 duplication syndrome is detected; it is resulted from a small part of duplication on chromosome 2q31.1; please follow up counselling and view the result with physicians.	2	2q31.1	dup	8,299999
Chromosome 2q33.1 deletion syndrome	Chromosome 2q33.1 deletion syndrome is detected; it is resulted from a small part of deletion on chromosome 2q33.1; please follow up counselling and view the result with physicians.	2	2q33.1	del	8,281818
Chromosome Xq28 deletion syndrome	Chromosome Xq28 deletion syndrome is detected; it is resulted from a small part of deletion on chromosome Xq28; please follow up counselling and view the result with physicians.	23	Xq28	del	8,170559
Chromosome 22q11.2 duplication syndrome	Chromosome 22q11.2 duplication syndrome is detected; it is resulted from a small part of duplication on chromosome 22q11.2; please follow up counselling and view the result with physicians.	22	22q11.2	dup	7,999999
Alpha Thalassemia, Mental Retardation syndrome	Chromosome 16p deletion syndrome is detected; it is resulted from a small part of deletion on chromosome 16pter-p13.3; please follow up counselling and view the result with physicians.	16	16pter-p13.3	del	7,899999
Chromosome 16p13.3 deletion syndrome	Chromosome 16p13.3 deletion syndrome is detected; it is resulted from a small part of deletion on chromosome 16p13.3; please follow up counselling and view the result with physicians.	16	16p13.3	del	7,899999
Chromosome 16p11.2-p12.2 microduplication syndrome	Chromosome 16p11.2-p12.2 microduplication syndrome is detected; it is resulted from a small part of duplication on chromosome 16p12.2-p11.2; please follow up counselling and view the result with physicians.	16	16p12.2-p11.2	dup	7,809017
Chromosome 5q12 deletion syndrome	Chromosome 5q12 deletion syndrome is detected; it is resulted from a small part of deletion on chromosome 5q12; please follow up counselling and view the result with physicians.	5	5q12	del	7,799999
Chromosome 1p32-p31 deletion syndrome	Chromosome 1p32-p31 deletion syndrome is detected; it is resulted from a small part of deletion on chromosome 1p32-p31; please follow up counselling and view the result with physicians.	1	1p31.3	del	7,599999
Chromosome 1p31 duplication syndrome	Chromosome 1p31 microduplication syndrome is detected; it is resulted from a small part of duplication on chromosome 1p31.3; please follow up counselling and view the result with physicians.	1	1p31.3	dup	7,599999
Chromosome 16q22 deletion syndrome	Chromosome 16q22 deletion syndrome is detected; it is resulted from a small part of deletion on chromosome 16q22; please follow up counselling and view the result with physicians.	16	16q22	del	7,399999
Frias syndrome	Frias syndrome is detected; it is resulted from a small part of deletion on chromosome 14q22.1-q22.3; please follow up counselling and view the result with physicians.	14	14q22.1-q22.3	del	7,199999
Chromosome 2q35 duplication syndrome	Chromosome 2q35 duplication syndrome is detected; it is resulted from a small part of duplication on chromosome 2q34-q36; please follow up counselling and view the result with physicians.	2	2q34-q36	dup	21,999999
Chromosome 15q25 deletion syndrome	Chromosome 15q25 deletion syndrome is detected; it is resulted from a small part of deletion on chromosome 15q25; please follow up counselling and view the result with physicians.	15	15q25	del	10,799999
Chromosome 22q11.2 deletion syndrome	Chromosome 22q11.2 deletion syndrome is detected; it is resulted from a small part of deletion on chromosome 22q11.2; please follow up counselling and view the result with physicians.	22	22q11.2	del	7,999999