

## Chromosome Deletion

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### Recent Publications on Chromosome Deletion:

- [Myelodysplastic syndromes.](#)  
*BACKGROUND: Large-scale genome rearrangements brought about by chromosome...17th November, 2009*  
Division of Hematology, Department of Medicine, Mayo Clinic, Rochester, MN- N Engl J Med. 2009 Nov 5;361(19):1872-85. ([DOI Direct Link](#))
- [Prenatal diagnosis of partial trisomy 14q \(14q31.1-->qter\) and partial monosomy 5p \(5p13.2-->pter\) associated with polyhydramnios, short limbs, micropenis and brain malformations.](#)  
*The value of repeated molecular testing in patients with multiple...17th November, 2009*  
- Genet Couns. 2009;20(3):281-8.
- [Rubinstein-Taybi syndrome and CREBBP c.201 202delTA mutation: a case presenting with varicella meningoencephalitis.](#)  
*Rubinstein-Taybi syndrome (RTS) is a rare syndrome with a frequency of...17th November, 2009*  
Department of Pediatrics, Yuzuncu Yil University, Faculty of Medicine,- Genet Couns. 2009;20(3):255-60.
- [Repeated molecular testing in gliomas: a retrospective study of 53 cases.](#)  
*The value of repeated molecular testing in patients with multiple...13th November, 2009*  
Institute of Pathology and Laboratory Medicine, Cleveland Clinic- Am J Clin Pathol. 2009 Jul;132(1):118-24. ([DOI Direct Link](#))
- [Detection of chromosomal abnormalities associated with chronic lymphocytic leukemia: what is the best method?](#)  
*B-cell chronic lymphocytic leukemia (CLL) follows a heterogeneous clinical...13th November, 2009*  
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- [Diminished dosage of 22q11 genes disrupts neurogenesis and cortical development in a mouse model of 22q11 deletion/DiGeorge syndrome.](#)  
*The 22q11 deletion (or DiGeorge) syndrome (22q11DS), the result of a 1.5-...7th November, 2009*  
Department of Cell and Molecular Physiology and Neuroscience Center,- Proc Natl Acad Sci U S A. 2009 Sep 22;106(38):16434-45. Epub 2009 Sep 10. ([DOI Direct Link](#))
- [Deletions involving both KCNQ2 and CHRNA4 present with benign familial neonatal seizures.](#)  
*OBJECTIVE: Mutations of the genes encoding subunits of potassium...5th November, 2009*  
Department of Pediatrics, School of Medicine, Fukuoka University, Japan.- Neurology. 2009 Oct 13;73(15):1214-7. ([DOI Direct Link](#))

- [Genetic anomalies in patients with severe oligozoospermia and azoospermia in eastern Turkey: a prospective study.](#)  
*Infertility is defined as the inability to conceive a child after one year...*5th November, 2009  
Ankara Ataturk Education and Training Hospital, Department of Medical- Genet Mol Res. 2009 Aug 4;8(3):915-22. ([DOI Direct Link](#))
- [Deletions of chromosome arms 7p and 7q in adult acute myeloid leukemia: a marker chromosome confirmed by array comparative genomic hybridization.](#)  
*Acute myeloid leukemia (AML) cases with monosomy 7 (-7) and del(7q)...*9th October, 2009  
Department of Laboratory Medicine, Dong-A University College of Medicine,- Cancer Genet Cytogenet. 2009 Oct 15;194(2):71-4. ([DOI Direct Link](#))
- [Bilateral frontoparietal polymicrogyria \(BFPP\) syndrome secondary to a 16q12.1-q21 chromosome deletion involving GPR56 gene.](#)  
*OBJECTIVE: Mutations of the genes encoding subunits of potassium...*8th October, 2009  
Department of Child Neuropsychiatry and Neurorehabilitation, E. Medea- Clin Genet. 2009 Oct 6. ([DOI Direct Link](#))
- [Frequency of chromosome healing and interstitial telomeres in 40 cases of constitutional abnormalities.](#)  
*Human telomeres play a major role in stabilizing chromosome ends and...*26th September, 2009  
Departement de pathologie et biologie cellulaire, Universite de Montreal,- Cytogenet Genome Res. 2009;125(3):176-85. Epub 2009 Sep 4. ([DOI Direct Link](#))
- [Molecular cytogenetic characterization of variant Philadelphia translocations in chronic myeloid leukemia: genesis and deletion of derivative chromosome 9.](#)  
*The mechanisms for the formation of variant Philadelphia (Ph)...*26th September, 2009  
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*The diagnosis and classification of diffusely infiltrative gliomas are...*26th September, 2009  
Division of Genetics, Department of Pediatrics, Faculty of Medicine and- Cancer Genet Cytogenet. 2009 Oct;194(1):12-22. ([DOI Direct Link](#))
- [Autologous stem-cell transplantation for multiple myeloma.](#)  
*Acute myeloid leukemia (AML) cases with monosomy 7 (-7) and del(7q)...*22nd September, 2009  
- N Engl J Med. 2009 Sep 10;361(11):1118-9; author reply 1119. ([DOI Direct Link](#))
- [Submicroscopic duplication of the Wolf-Hirschhorn critical region with a 4p terminal deletion.](#)  
*Chromosomal rearrangements in the short arm of chromosome 4 can result in...*18th September, 2009  
Unidad de Genetica y Diagnostico Prenatal, Hospital Universitario La Fe,- Cytogenet Genome Res. 2009;125(2):103-8. Epub 2009 Aug 31. ([DOI Direct Link](#))

## Chromosome Deletion Patents:



- 5936731- [Method for simultaneous detection of multiple fluorophores for in situ hybridization and chromosome painting](#)
- 6235503- [Procedure for subtractive hybridization and difference analysis](#)
- 6242212- [Fragile histidine triad \(FHIT\) nucleic acids and methods of producing FHIT proteins](#)
- 6277609- [Method to produce biotin](#)
- 6303294- [Methods of detecting genetic deletions and mutations associated with Digeorge syndrome,](#)

[Velocardiofacial syndrome, CHARGE association, conotruncal cardiac defect, and cleft palate and probes useful therefore](#)

- [6316192- Method for enrichment of unique DNA fragments through cyclical removal of PCR adapter attached to DNA fragments whose sequences are shared between two DNA pools](#)
- [6326184- Method of producing a composite fermented beverage using genetically modified yeast strains](#)
- [6365361- Method for identifying or screening agonist and antagonist to PPAR](#)
- [6379896- Probes for variance detection](#)
- [6391642- Transformation-associated recombination cloning](#)
- [6410250- Sustained delivery device and methods of making and using the same](#)
- [6210950- Methods for diagnosing, preventing, and treating developmental disorders due to a combination of genetic and environmental factors](#)
- [6183958- Probes for variance detection](#)
- [6111072- Rho target protein human mDia and gene encoding same](#)
- [5958738- Procedure for subtractive hybridization and difference analysis](#)
- [5994529- Glioma-associated nucleic acid probes](#)
- [5994627- Genetic sequences conferring nematode resistance in plants and uses therefor](#)
- [6017701- Methods and adaptors for generating specific nucleic acid populations](#)
- [6020144- Sustained delivery device comprising a Leishmania protozoa and methods of making and using the same](#)
- [6022961- Fluorescent stain containing pyrylium salt and fluorescent staining method of biological sample](#)
- [6025190- Temperature-sensitive plasmid](#)
- [6055325- Color display of chromosomes or portions of chromosomes](#)
- [6060245- Methods and adaptors for generating specific nucleic acid populations](#)
- [6066459- Method for simultaneous detection of multiple fluorophores for in situ hybridization and multicolor chromosome painting and banding](#)
- [6465180- Detection of premalignant melanocytes](#)
- [6673551- Probes for variance detection](#)
- [7335470- Compilations of nucleic acids and arrays and methods of using them](#)
- [7338801- Double transposition methods for manipulating nucleic acids](#)
- [7358348- .beta.-catenin nuclear localized protein](#)
- [7370019- Method and device for evolving a network using a genetic representation](#)
- [7384735- Retinoblastoma nucleic acids](#)
- [7405044- Multiplex PCR for simultaneous quantitation of human nuclear, mitochondrial, and male Y-chromosome DNA](#)
- [7429456- Identification of a JAK2 mutation in Polycythemia Vera](#)
- [7439346- Nucleic acids arrays and methods of use therefor](#)
- [7470508- Method of screening for melanoma by detecting an increase in cyclin D1](#)
- [7582437- Adaptor protein that binds to mammalian toll-like receptor 3, and gene thereof](#)
- [7261899- Method of producing thy A-strains of Vibrio cholerae, such strains and their use](#)
- [7223842- Detection of proteins whose absence is associated with a neoplasm](#)
- [7220834- FHIT proteins and nucleic acids and methods based thereon](#)
- [6774217- FHIT proteins and nucleic acids and methods based thereon](#)
- [6783944- Genetic changes in atypical nodular proliferations in congenital melanocytic nevi](#)
- [6828098- Method of producing a DNA library using positional amplification based on the use of adaptors and nick translation](#)
- [6895337- Method of identifying genomic rearrangements](#)
- [6902906- Bacteria attenuated by a non-reverting mutation in each of the aroC, ompF and ompC genes, useful as vaccines](#)
- [6912492- Methods for diagnosing, preventing, and treating developmental disorders due to a combination of genetic and environmental factors](#)
- [7045298- Method for identifying or screening agonist and antagonist to PPAR](#)

- 7067644- [Double transposition methods for manipulating nucleic acids](#)
- 7105156- [Method of using an adenoviral vector encoding a retinoblastoma protein to treat hyperproliferating cells](#)
- 7217807- [Bioinformatically detectable group of novel HIV regulatory genes and uses thereof](#)
- 7585964- [Methods of analyzing chromosomal translocations using fluorescence in situ hybridization \(FISH\)](#)

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