

t(11;22)(q23;q11.2)

Identity

Note not to be confused with the [t\(11;22\)\(q23;q13\)](#), involving [MLL](#) and [P300](#)

Clinics and Pathology

Disease de novo acute non lymphocytic leukemia (ANLL), so far

Phenotype /
cell stem origin 2 cases of M4, one M2, and one M1

Epidemiology yet poorly known; 2 young adults (22 and 34 yrs) and 2 infant twins; 2M/2F

Prognosis documented in only 2 cases (dead at 10 and 21 mths); likely to be comparable with that of other entities with 11q23/MLL [11q23/MLL](#) involvement

Cytogenetics

Cytogenetics sole anomaly in 3 of 3 cases
Morphological

Genes involved and Proteins

Gene Name [MLL](#)

Location in 11q23

Dna / Rna 13-15 kb mRNA

Protein 431 kDa; contains two DNA binding motifs (a AT hook, and Zinc fingers), a DNA methyl transferase motif, a bromodomain; transcriptional regulatory factor; nuclear localisation

Gene Name [hCDCRel](#)

Location 22q11

Dna / Rna 2 kb mRNA

Protein hCDCRel (human cell division cycle related) is a septin (family of filament forming proteins, involved in cytoskeletal organization)

Result of the

chromosomal anomaly

Hybrid gene

Description

5 prime MLL - 3 prime hCDCRel, with fusion of MLL exon 7 to hCDCRel exon 3

External links

Other database

[t\(11;22\)\(q23;q11.2\)](#)

[Mitelman database \(CGAP - NCBI\)](#)

Other database

database

[t\(11;22\)\(q23;q11.2\)](#)

[CancerChromosomes \(NCBI\)](#)

To be noted

Additional cases are needed to delineate the epidemiology of this rare entity:

you are welcome to submit a paper to our new [Case Report section](#).

Bibliography

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Citation

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