

t(11;12)(p15;q13)

Clinics and Pathology

Disease treatment related acute non lymphoblastic leukemia (t-ANLL) so far
Epidemiology only one case; a female patient aged 39 yrs and treated with antitopoisomerase II for Hodgkin disease

Cytogenetics

Cytogenetics showed also a [t\(17;21\)\(q11;q22\)](#) with [AML1](#) rearrangement
Morphological

Genes involved and Proteins

Note the gene involved in 12q13 is unknown

Gene Name

[NUP98](#)

Location 11p15

Dna / Rna alternate splicings

Protein contains repeated motifs and a RNA binding motif; nucleoporin: role in nucleo-cytoplasmic transport

Result of the chromosomal anomaly

Hybrid gene

5 prime NUP98 - 3 prime unknown
Description

Fusion Protein

fuses the N-term domains of NUP98 to an undetermined sequence
Description

External links

Other database [t\(11;12\)\(p15;q13\)](#) [Mitelman database \(CGAP - NCBI\)](#)

Other database [t\(11;12\)\(p15;q13\)](#) [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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Contributor(s)

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Citation

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URL : <http://AtlasGeneticsOncology.org/Anomalies/t1112ID1185.html>

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