

t(9;11)(q34;p15)

Clinics and Pathology

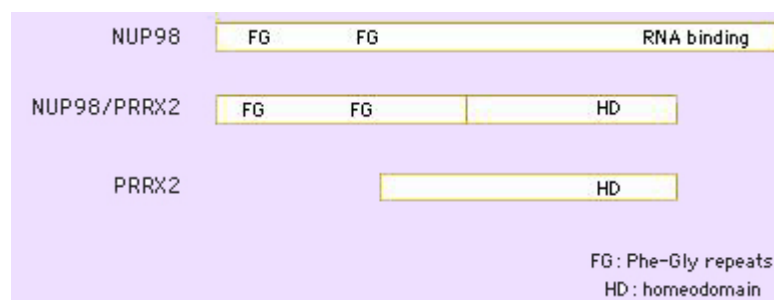
Disease	Acute myelomonocytic leukemia (M4 ANLL)
Etiology	this leukemia case is likely to be treatment related (a lymphoma was treated 4 yrs previously)
Epidemiology	only one case to date: a 65 yr old female patient
Prognosis	no data

Genes involved and Proteins

Gene Name	PRRX2
Location	9q34
Protein	class II homeobox gene
Gene Name	NUP98
Location	11p15.4
Protein	nucleoporin 98, a 98 kDa component of the nuclear pore complex implicated in nucleo-cytoplasmic transport

Result of the chromosomal anomaly

Hybrid gene



Description 5'--> exon 11 of NUP98 is fused in frame with PRRX2 exon 2 to 3'

External links

Other database [t\(9;11\)\(q34;p15\)](#) [Mitelman database \(CGAP - NCBI\)](#)

Other database [t\(9;11\)\(q34;p15\)](#) [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

A new translocation t(9;11)(q34;p15) fuses NUP98 to a novel homeobox partner gene, PRRX2, in a therapy-related acute myeloid leukemia

Gervais C, Mauvieux L, Perrusson N, Helias C, Struski S, Leymarie V, Lioure B, Lessard M.

Leukemia 2005; 19: 145-148.

Medline [15496970](#)

Contributor(s)

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Citation

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URL : <http://AtlasGeneticsOncology.org/Anomalies/t0911q34p15ID1380.html>

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