t(11;12)(p15;q13)

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Identity

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 morphological
Showed also a t(17;21)(q11;q22) with AML1 rearrangement.

Genes involved and proteins

Note
The gene involved in 12q13 is unknown.

NUP98
Location: 11p15

DNA/RNA
Alternate splicing.

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

Result of the chromosomal anomaly

Hybrid gene
Description
5 prime NUP98 - 3 prime unknown.

Fusion protein
Description
Fuses the N-term domains of NUP98 to an undetermined sequence.

References

This article should be referenced as such: