Leukaemia Section
Short Communication

\( t(20;21)(q13;q22) \)

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### Clinics and pathology

**Disease**
Refractory anemia with excess of blasts and M5- acute non lymphocytic leukemia.

**Etiology**
Treatment of a non Hodgkin lymphoma 2 yrs before diagnosis in 1 case.

**Epidemiology**
Only 2 male patient cases, aged 38 yrs and 69 yrs.

### Cytogenetics

**Cytogenetics morphological**
Complex karyotypes in 1 case, +10 in the other one.

### Genes involved and proteins

**Note**
The gene in 20q13 is yet unknown, and, because cryptic t(12;21) ETV6 /AML1 are not rare, it is therefore uncertain whether this translocation involve a new AML1 partner.

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**AML1**

**Location**
21q22

**DNA/RNA**
Transcription is from telomere to centromere.

**Protein**
Contains a Runt domain and, in the C-term, a transactivation domain; forms heterodimers; widely expressed; nuclear localisation; transcription factor (activator) for various hematopoietic-specific genes.

### References


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*This article should be referenced as such:*

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