t(15;21)(q22;q22)

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**Disease**
Treatment related myelodysplastic syndrome (MDS) evolving towards acute non lymphocytic leukemia.

**Etiology**
The patient experienced a mantle cell lymphoma 52 mths before diagnosis of MDS.

**Epidemiology**
Only one case to date, a 56 yr old male patient.

**Cytogenetics**

**Cytogenetics morphological**
Sole anomaly.

**Genes involved and proteins**

**Note**
The gene in 15q22 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.

**AML1**

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<th>Location</th>
<th>21q22</th>
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**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**


This article should be referenced as such: