Leukaemia Section
Short Communication

\(t(20;21)(q11;q22)\)

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Clinics and pathology

**Disease**

Acute myeloid leukaemia; blast crisis (of myeloid type) of chronic myelogenous leukaemia.

**Epidemiology**

Four cases available: 4 male patients aged 44, 57, 67, and 72 (years).

Cytogenetics

**Additional anomalies**

No additional anomaly in one case, monosomy 5 and major karyotypic anomalies in one case, \(t(9;22)(q34;q11)\) in the two remaining cases.

**Genes involved and proteins**

**Note**

RUNX1 was found involved in the translocation in the two cases where it was studied; the partner is unknown.

**RUNX1**

**Location**

21q22

**Protein**

RUNX1, also called AML1 or CBFA2, is a transcription factor, critical regulator of hematopoietic-cell development, involved in many de novo and treatment related leukaemias.

References


This article should be referenced as such: