t(3;21)(p12;q22)

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Clinics and pathology

Disease
M7-AML (megakaryoblastic acute myeloid leukemia) with t(9;22); the t(3;21) may be therapy related.

Epidemiology
Only one case to date, a male patient aged 60 years (Jeandidier et al., 2006).

Cytogenetics

Additional anomalies

Genes involved and proteins

Note
The partner of RUNX1 is unknown.

RUNX1
Location

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: