Leukaemia Section
Short Communication

t(1;21)(q12;q22)
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Clinics and pathology

Disease
Acute monocytic leukemia (AML-M5).

Epidemiology
Only one case reported in the literature till now, a 53-year-old female patient (Dai et al., 2007).

Prognosis
The patient was still in remission 26 months after diagnosis.

Genes involved and proteins

Note
The gene partner in chromosome 1q12 is unknown.

RUNX1

Location
21q22

DNA/RNA
Transcription from telomere to centromere.

Protein
Contains the RUNT binding domain at 5' portion and the transactivation domain at 3' portion. Forms heterodimers; widely expressed; nuclear localization; a transcription factor and critical regulator of hematopoietic-cell development.

References

This article should be referenced as such: