t(5;16)(q33;q22)

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Clinics and pathology

Disease
Acute myeloid leukemia (AML)

Epidemiology
Only two cases to date, a 10-month-old male infant with M4-AML, who entered remission, and a 60-year-old male patient with M1-AML who died 4 months after diagnosis. Both patients presented with marked eosinophilia (Bhambhani et al., 1986; Sanada et al., 1989).

Cytogenetics

Cytogenetics morphological
The t(5;16)(q33;q22) was the sole anomaly in both cases.

Genes involved and proteins

Note
Genes involved in this structural anomaly are unknown, although it is likely that CBFb is involved in the disease.

References


This article should be referenced as such: