Leukaemia Section
Short Communication

t(3;12)(q26;q21)
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Clinics and pathology

Disease
Treatment related acute myeloid leukaemia (t-AML).

Epidemiology
Only one case to date, a 47 year old male patient.

Prognosis
No data.

Cytogenetics

Cytogenetics, morphological
Sole anomaly.

Genes involved and Proteins

Note: The partner of EVI1 is yet unknown.

EVI1
Location: 3q26.2

Protein
Transcription factor; EVI1 targets include: GATA2, ZBTB16 /PLZF, ZFPM2/FOG2, JNK and the PI3K/AKT pathway. Role in cell cycle progression, likely to be cell-type dependant; antiapoptotic factor; involved in neuronal development organogenesis; role in hematopoietic differentiation.

References


This article should be referenced as such: