Leukaemia Section
Short Communication

\( t(3;3)(p24;q26) \)
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Clinics and pathology

Disease
Myelodysplastic syndrome.

Epidemiology
Only one case to date, a 5 year old girl.

Prognosis
No data.

Cytogenetics

Cytogenetics, morphological
Other anomalies were: -7 and +21.

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: