t(3;5)(q26;q34)
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Published in Atlas Database: July 2007

Online updated version: http://AtlasGeneticsOncology.org/Anomalies/t0305q26q34ID1278.html

DOI: 10.4267/2042/38530

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Identity

Clinics and pathology

Disease
Acute myeloid leukaemia (AML)

Epidemiology
Only two cases to date, a 48-year-old female patient and a male patient of unknown age, both with M2 AML.

Prognosis
No data.

Cytogenetics

Cytogenetics morphological
Sole anomaly in both cases.

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: