

t(11;12)(q23;q13) (/HMGA2)

Clinics and Pathology

Disease treatment related myelodysplastic syndrome (t-MDS)

Epidemiology only 1 case to date: a 48yr old female patient with refractory anaemia with excess of blasts (RAEB1) 4 yrs after treatment of a [M0-ANLL](#) with a normal karyotype

Prognosis The RAEB evolved towards a M2-ANLL and the patient died 6 mths after diagnosis

Genes involved and Proteins

Gene Name [HGMA2](#)

Location 12q15

Protein probable role in regulation of cell proliferation (transcriptional regulation of cell cycle and DNA repair genes)

Result of the chromosomal anomaly

Fusion Protein Description ectopic expression of HMGA2

External links

Other database [t\(11;12\)\(q23;q13\) \(/HMGA2\)](#) [Mitelman database \(CGAP - NCBI\)](#)

Other database [t\(11;12\)\(q23;q13\) \(/HMGA2\)](#) [CancerChromosomes \(NCBI\)](#)

To be noted

Additional cases are needed to delineate the epidemiology of this rare entity:

you are welcome to submit a paper to our new [Case Report section](#).

Bibliography

Disruption and aberrant expression of HMGA2 as a consequence of diverse chromosomal translocations in myeloid malignancies.

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Contributor(s)

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<http://www.infobiogen.fr/services/chromcancer/Anomalies/t1112q23q13ID1390.html>

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