

t(8;12)(q22;q13)

Clinics and Pathology

Disease myeloproliferative/myelodysplastic syndrome (MPD/MDS)

Epidemiology only 1 case to date: a 53yr old female patient with [atypical chronic myelogenous leukemia](#) (aCML) (with no BCR-ABL rearrangement)

Cytogenetics sole anomaly in a subclone; accompanied with [del\(13q\)](#) in another one

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 ectopic expression of HMGA2
Description

External links

Other database [t\(8;12\)\(q22;q13\)](#) [Mitelman database \(CGAP - NCBI\)](#)

Other database [t\(8;12\)\(q22;q13\)](#) [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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