

t(7;17)(q32-34;q23)

Clinics and Pathology

Disease [Chronic myelogenous leukemia](#) (CML) in accelerated phase (AP-CML)

Epidemiology only one case to date, a female patient, aged a 40 at the time of the AP-CML

Prognosis Chronic phase of CML lasted 2 yrs before progression into an accelerated phase accompanied with the appearance of the t(7;17); 2 mths later, a blast crisis occurred, and the patient died 9 mths after the AP-CML, 33 mths after initial diagnosis of CML.

Cytogenetics

Cytogenetics Morphological [at\(9;22\)\(q34;q11\)](#) was, indeed, present

Cytogenetics Molecular Cryptic translocation; recognized by multicolor FISH plus locus-specific FISH

Genes involved and Proteins

Note The gene involved on chromosome 7 is undefined, due to a lack of material for further analysis, but it seems to be a gene of the plexin family, with, perhaps, a sema domain, a plexin repeat, and an immunoglobulin-like plexin transcription factor domain

Gene Name [MSI2](#)

Location 17q23.2

Dna / Rna at least 15 exons; various splicing.

Protein possesses 2 RNA recognition motifs; likely to be a RNA binding protein; may play a role in RNA metabolism in the cytoplasm; The mouse homolog is ubiquitous, and particularly active in the brain development.

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](#).

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