t(4;5)(q31;q31)

Jean-Loup Huret

Genetics, Dept Medical Information, University of Poitiers, CHU Poitiers Hospital, F-86021 Poitiers, France (JLH)

Published in Atlas Database: February 2008

Online updated version: http://AtlasGeneticsOncology.org/Anomalies/t0405q31q31D1206.html

DOI: 10.4267/2042/44411

This article is an update of:


This work is licensed under a Creative Commons Attribution-Noncommercial-No Derivative Works 2.0 France Licence.

© 2009 Atlas of Genetics and Cytogenetics in Oncology and Haematology

Clinics and pathology

Disease

Myelodysplastic syndrome (MDS) and acute myeloid leukaemia (AML)

Phenotype/cell stem origin

The AML case was a M6.

Epidemiology

Only three cases available; patients (one male, two female patients) were aged 68, 70, and 80 (years).

Cytogenetics

Cytogenetics morphological

The 3 cases were found using multi-FISH techniques; this translocation may therefore be partially cryptic, especially so as it is found in complex karyotypes.

Additional anomalies

Major karyotypic anomalies were present in 3 out of 3 cases; +X and +8 were found in one case.

Genes involved and proteins

Note

Genes involved are unknown.

References


This article should be referenced as such: