

t(1;6)(p35;p25)

Clinics and Pathology

Disease [Chronic lymphocytic leukemia](#) (CLL)

Phenotype / cell stem origin unmutated status of IgVH (an unfavourable prognostic feature) was found in all cases.

Epidemiology 8 patients to date, representing 0.5% of CLL cases in a country based survey; sex ratio: 6 male/2 female patients, aged 33-81 yrs (med: 62.5 yrs).

Clinics Two cases in Binet stage A, 4 in stage B, 2 in stage C. Normal LDH values in 7 of 8.

Prognosis yet unknown (median follow up is only 28 mths), but 3 patients developed a [diffuse large B-cell lymphoma](#) (DLBCL), and 3 patients (2 of which with DLBCL) died at 29, 76, and 95 mths.

Cytogenetics

Additional anomalies sole anomaly in three cases, with [+12](#) in three cases, with 9q anomalies in three, [del\(11q\)](#) in two, [17p anomalies](#) in two, 17q anomalies in two; del(11q), and 17p anomalies are poor prognostic factors in CLL.

Genes involved and Proteins

Note IRF4 (6p25.2) is possibly involved in the translocation. The gene in 1p35.3 is unknown.

External links

Other database [t\(1;6\)\(p35;p25\)](#) [Mitelman database \(CGAP - NCBI\)](#)

Other database [t\(1;6\)\(p35;p25\)](#) [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

Translocation t(1;6)(p35.3;p25.2): a new recurrent aberration in "unmutated" B-CLL.

Michaux L, Wlodarska I, Rack K, Stul M, Criel A, Maerevoet M, Marichal S, Demuynck H, Mineur P, Kargar Samani K, Van Hoof A, Ferrant A, Marynen P, Hagemeijer A.

Leukemia 2005; 19: 77-82.

Medline [15510210](#)

Contributor(s)

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