Leukaemia Section
Short Communication

**t(3;3)(q27;q28)**

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Published in Atlas Database: February 2009

Online updated version: http://AtlasGeneticsOncology.org/Anomalies/t0303q27q28ID2090.html

DOI: 10.4267/2042/44668

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**Clinics and pathology**

**Disease**

Non Hodgkin lymphoma.

**Epidemiology**

One case of follicular lymphoma transformed to diffuse aggressive lymphoma, from a study with no individual data (Akasaka et al., 2003).

**Genes involved and proteins**

**EIF4A2**

**Location**

3q28

**Protein**

RNA helicase ATP-dependent; subunit of the eIF4F complex involved in translation control.

**BCL6**

**Location**

3q27

**Protein**

706 amino acids; composed of a NH2-term BTB/POZ domain (amino acids 1-130 (32-99 according to Swiss-Prot) which mediates homo-dimerization and protein-protein interactions with other corepressors (including HDAC1 and NCOR2/SMRT ) to constitute a large repressing complex, another transcription repression domain (191-386), PEST sequences (300-417) with a KKYK motif (375-379), and six zinc finger at the C-term (518-541, 546-568, 574-596, 602-624, 630-652, 658-681), responsible for sequence specific DNA binding. Transcription repressor; recognizes the consensus sequence: TTCCT(A/C)GAA (Albagli-Curiel, 2003).

**References**


This article should be referenced as such:

Huret JL. t(3;3)(q27;q28). Atlas Genet Cytogenet Oncol Haematol. 2010; 14(1);72.