

AF3p21

Identity

Location 3p21

DNA/RNA

Description 2990 bp cDNA

Protein

Description 722 amino acids; N-term SH3 domain, proline-rich domain, and a nuclear localization signal in C-term

Expression wide

Implicated in

Entity [t\(3;11\)\(p21;q23\)](#) --> AF3p21-[MLL](#)

Disease treatment related acute non lymphoblastic leukemia (t-ANLL)

Hybrid/Mutated Gene 5 prime MLL-3 prime AF3q21

Abnormal Protein AT hooks and methyltransferase domains of MLL in the N-term fused to the proline-rich domain and nuclear localization signal of AF3p21

External links

Nomenclature

Cards

Genomic and cartography

Gene and transcription

Protein : pattern, domain, 3D structure

Protein Interaction databases

Polymorphism : SNP, mutations, diseases

General knowledge

Other databases

Probes

[Probe](#) [Cancer Cytogenetics \(Bari\)](#)

PubMed

Bibliography

A novel sh3 protein encoded by the AF3p21 gene is fused to MLL in a therapy-related leukemia with t(3; 11)(p21;q23).

Sano K, Hayakawa A, Jin-Hua P.

Blood 1999; 94 Suppl 1: Abst 221.

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Contributor(s)

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URL : <http://AtlasGeneticsOncology.org/Genes/AF3p21ID228.html>

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