

Gene Section

Short Communication

AF15q14 (ALL1 fused gene from 15q14)

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Identity

Location : 15q14

DNA/RNA

Description

Spans more than 35 kb; contains at least 10 exons; from centromere to telomere.

Transcription

5925 bp; open reading frame: 5499 bp.

Protein

Description

1833 amino acids; 206 kDa; nuclear localization domain in the c-term.

Expression

Ubiquitous in the foetus, nearly restricted to bone marrow, thymus, and testis in the adult.

Homology

None so far.

Implicated in

t(11;15)(q23;q14)/acute non lymphocytic leukemia (ANLL) --> MLL/AF15q14

Disease

Only 1 case with the ascertainment of AF15q14 involvement.

References

Hayette S, Tigaud I, Vanier A, Martel S, Corbo L, Charrin C, Beillard E, Deleage G, Magaud JP, Rimokh R. AF15q14, a novel partner gene fused to the MLL gene in an acute myeloid leukaemia with a t(11;15)(q23;q14). *Oncogene*. 2000 Sep 7;19(38):4446-50

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