Gene Section
Short Communication

AF6 (ALL1 fused gene from chromosome 6)
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Published in Atlas Database: December 1997
Online version is available at: http://AtlasGeneticsOncology.org/Genes/AF6.html
DOI: 10.4267/2042/32049

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Identity

Other names: MLLT4 (myeloid/lymphoid leukemia translocated to, 4)
Location: 6q27

Expression
Widely expressed.

Localisation
Cytoplasmic.

Function
May be involved in molecular transport system; signal transduction.

Homology
cno (drosophila).

Implicated in
t(6;11)(q27;q23)/ANLL → MLL/AF6

Disease
M4/M5 ANLL mainly.

Prognosis
Poor.

Cytogenetics
May be overlooked; +8 is a frequent additional chromosome anomaly.

Hybrid/Mutated Gene
5’ MLL - 3’ AF6.

Abnormal Protein
NH2-term MLL (with the AT hook and DNA binding motifs) and most of AF6.

References

This article should be referenced as such: