

## Gene Section

### Short Communication

# TCTA (T-cell leukemia translocation-associated gene)

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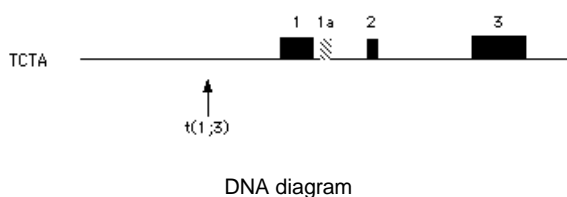
Online updated version: <http://AtlasGeneticsOncology.org/Genes/TCTA.html>  
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## Identity

Location: 3p21

## DNA/RNA



## Transcription

2.1 kb mRNA.

## Protein

### Description

103 amino acids; 11 kDa; rich in hydrophobic amino acids (residues 41-61).

### Expression

Wide, especially in kidneys.

### Localisation

May be a membrane associated protein, as there is a hydrophobic domain.

### Function

Unknown.

## Homology

None is known.

## Implicated in

**t(1;3)(p32;p21)/T-cell ALL →  
TAL1/TCTA**

### Disease

T-cell ALL.

### Hybrid/Mutated Gene

Head to head orientation of TAL1 and TCTA.

### Abnormal Protein

No fusion protein, but possibly promoter exchange and gene dysregulation.

## To be noted

**Note:** on day 04 Feb 1998, nothing new has appeared since the above cited paper.

## References

Aplan PD, Johnson BE, Russell E, Chervinsky DS, Kirsch IR. Cloning and characterization of TCTA, a gene located at the site of a t(1;3) translocation. *Cancer Res* 1995 May 1;55(9):1917-21.

*This article should be referenced as such:*

Huret JL. TCTA (T-cell leukemia translocation-associated gene). *Atlas Genet Cytogenet Oncol Haematol*.1998;2(2):51.