

t(3;9)(q26;p23)

Clinics and Pathology

Disease	T-cell non Hodgkin lymphoma (T-cell NHL)
Note	This is one of the very rare cases of EVI1 involvement in lymphoid malignancies
Epidemiology	Only one case to date, a 11 year old boy
Prognosis	No data

Cytogenetics

Cytogenetics	Sole anomaly
Morphological	

Genes involved and Proteins

Note	The partner of EVI1 is yet unknown.
Gene Name	EVI1
Location	3q26.2
Protein	Transcription factor; EVI1 targets include: GATA2, ZBTB16 /PLZF , ZFPM2/FOG2, JNK and the PI3K/AKT pathway. Role in cell cycle progression, likely to be cell-type dependant; antiapoptotic factor; involved in neuronal development organogenesis; role in hematopoietic differentiation

External links

Other database	t(3;9)(q26;p23)	Mitelman database (CGAP - NCBI)
Other database	t(3;9)(q26;p23)	CancerChromosomes (NCBI)

To be noted

Additional cases are needed to delineate the epidemiology of this rare entity: **you are welcome to submit a paper to our new [Case Report](#) section.**

Bibliography

EVI1 is consistently expressed as principal transcript in common and rare recurrent 3q26 rearrangements.

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