t(12;14)(q13;q31)

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Disease
Myelodysplastic syndrome (MDS)

Epidemiology
Only 1 case to date: a 63 yr old male patient with RAEB2.

Cytogenetics
Sole anomaly in this patient.

Prognosis
The patient died 6 mths after diagnosis.

Genes involved and proteins

HGMA2

Location
12q15

Protein
Probable role in regulation of cell proliferation (transcriptional regulation of cell cycle and DNA repair genes.

Result of the chromosomal anomaly

Fusion protein

Description
Ectopic expression of HMGA2.

References

This article should be referenced as such: