t(9;11)(q34;p15)

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**Clinics and pathology**

**Disease**
Acute myelomonocytic leukemia (M4 ANLL).

**Etiology**
This leukemia case is likely to be treatment related (a lymphoma was treated 4 years previously).

**Epidemiology**
Only one case to date: a 65-year-old female patient.

**Prognosis**
No data.

**Genes involved and proteins**

**PRRX2**
**Location**
9q34

**Protein**
Class II homeobox gene.

**NUP98**
**Location**
11p15.4

**Protein**
Nucleoporin 98, a 98 kDa component of the nuclear pore complex implicated in nucleo-cytoplasmic transport.

**Result of the chromosomal anomaly**

**Hybrid gene**
**Description**
5’--> exon 11 of NUP98 is fused in frame with PRRX2 exon 2 to 3’.

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