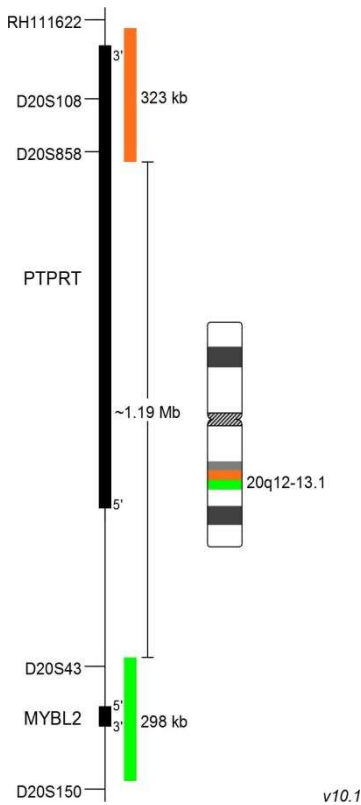


# XL Del(20q) plus

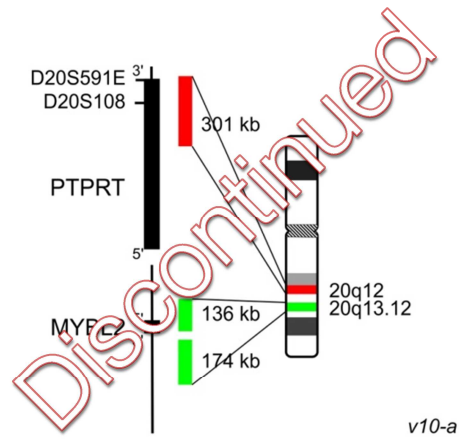
## Deletion Probe, Ref. No. D-5119-100-OG

The newly developed probe XL Del(20q) plus is replacing the current probe XL Del(20q) D-5020-100-OG. Like the predecessor, XL Del(20q) plus is designed to detect deletions in the long arm of chromosome 20. The probe hybridizing proximal to the breakpoint is labeled in orange, the probe hybridizing distally is labeled in green. The new probe design ensures high contrast and consistent signal strength.

The myelodysplastic syndromes (MDS) are a group of hematopoietic stem cell disorders associated with ineffective hematopoiesis and peripheral blood cytopenias. MDS patients have a significant risk of progression to acute myeloid leukemia. Sole del(20q) is a recurrent aberration in patients with MDS and is associated with a more favorable outcome.



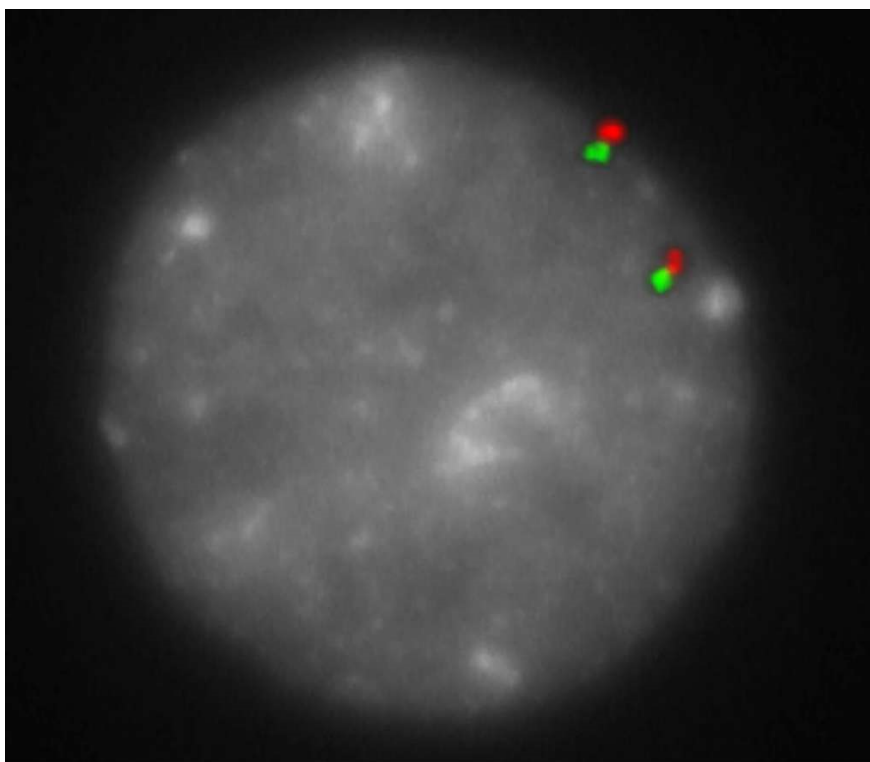
**XL Del(20q) plus  
D-5119-100-OG**



**XL Del(20q)  
D-5020-100-OG**

Discontinued

# FACT SHEET



XL Del(20q) plus hybridized to lymphocytes. One normal interphase is shown.

## Summary

---

### Clinical Applications:

- MDS, AML

### Related Probes:

- XL Del(20q) D-5020-100-OG *discontinued*
- XL 20q12/20qter plus D-5121-100-OG

### Literature:

- Bench et al (2000) *Oncogene* 19:3902-3913
- Saunders et al (2005) *Cancer Genet Cytogen* 156:154-157
- Bacher et al (2013) *Brit J Haematol* 164:822-833

# FACT SHEET

---