

# FUS-DDIT3 Fusion/Translocation FISH Probe Kit

## Introduction

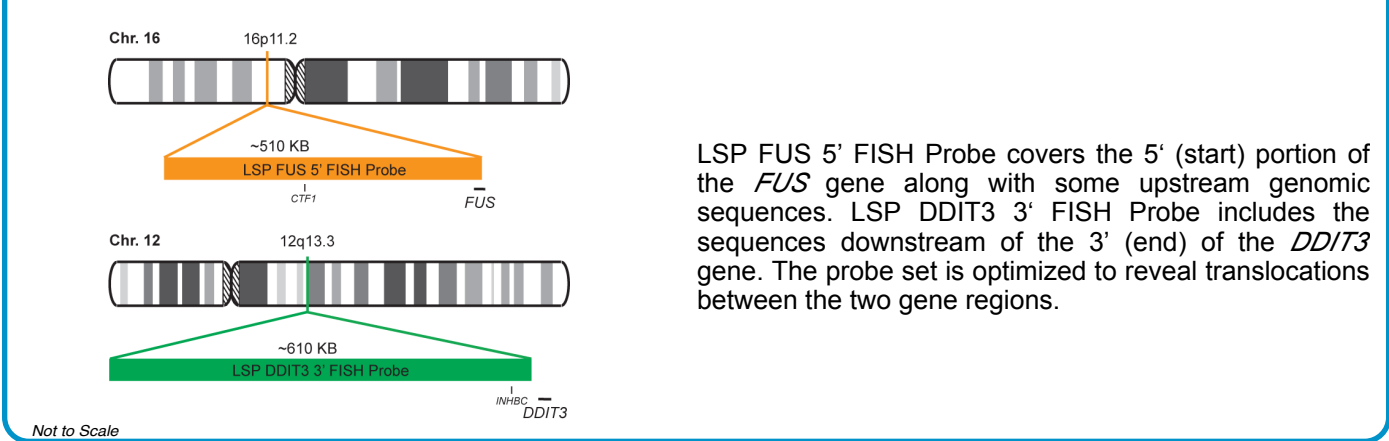
The FUS-DDIT3 Fusion/Translocation FISH Probe Kit is designed to detect rearrangements involving the human *FUS* and *DDIT3* genes located on chromosome bands 16p11.2 and 12q13.3, respectively. Rearrangements involving the two genes, *FUS* – also named *TLS* – and *DDIT3* – also known as *CHOP*, *CHOP-10*, *GADD153* or *C/EBP zeta*, have been observed in myxoid liposarcoma and other conditions.

**Intended Use**

To detect rearrangements involving the human *FUS* and *DDIT3* genes located on chromosome bands 16p11.2 and 12q13.3, respectively.

Cont.	Color
LSP FUS 5' FISH Probe LSP DDIT3 3' FISH Probe	CytoOrange CytoGreen

## Probe Design



Cat. No.	Volume
CT-PAC077-10-OG	10 Tests (100 µL)

**Signal Pattern Interpretation**

Normal Pattern	Abnormal Pattern
2O + 2G*	Other Patterns

\*Overlapping orange and green signals can appear as yellow.

1) Panagopoulos I, et al. *Biochem Biophys Res Commun.* 279(3):838-45 (2000).  
 2) Pérez-Losada J, et al. *Oncogene.* 19(20):2413-22 (2000).  
 3) Pérez-Losada J, et al. *Oncogene.* 19(52):6015-22 (2000).  
 4) Storlazzi CT, et al. *Hum Mol Genet.* 12(18):2349-58 (2003).  
 5) Panagopoulos I, et al. *Genes Chromosomes Cancer.* 40(3):218-28 (2004).



\* CE IVD only available in certain countries. All other countries are either ASR or RUO. Please contact your local dealer or our headquarters for more information.