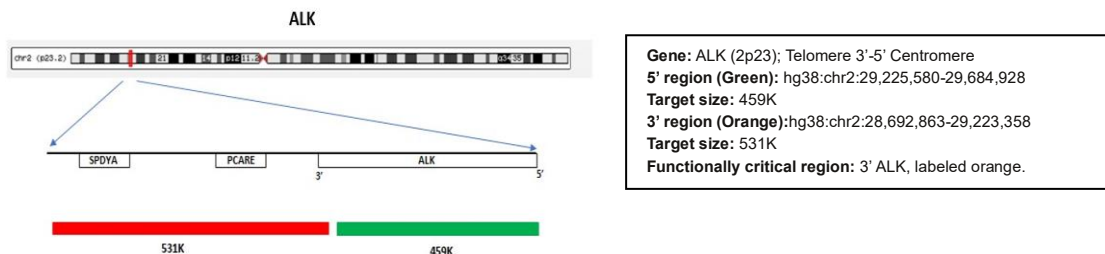


## BRIGHTDOM FISH Probes: ALK (2p23) Break-apart



**Introduction:** The ALK (2p23) break-apart FISH probes are optimized to detect translocations involving the ALK gene region at 2p23.

**5' ALK region (Green):** The 5' region of ALK (2p23) gene locus is labeled with a green dye.

**3' ALK region (Orange):** The 3' region of ALK (2p23) gene locus is labeled with an orange dye.

**Functionally critical region (Orange):** The 3' ALK gene is labeled with an orange dye.

**Signal Patterns:** The ALK (2p23) break-apart FISH probes are designed as dual-color break-apart probes to detect translocations at 2p23. A specimen considered positive for ALK rearrangement shows a separation of orange and green signals, or an orange signal (deletion of the green signal).