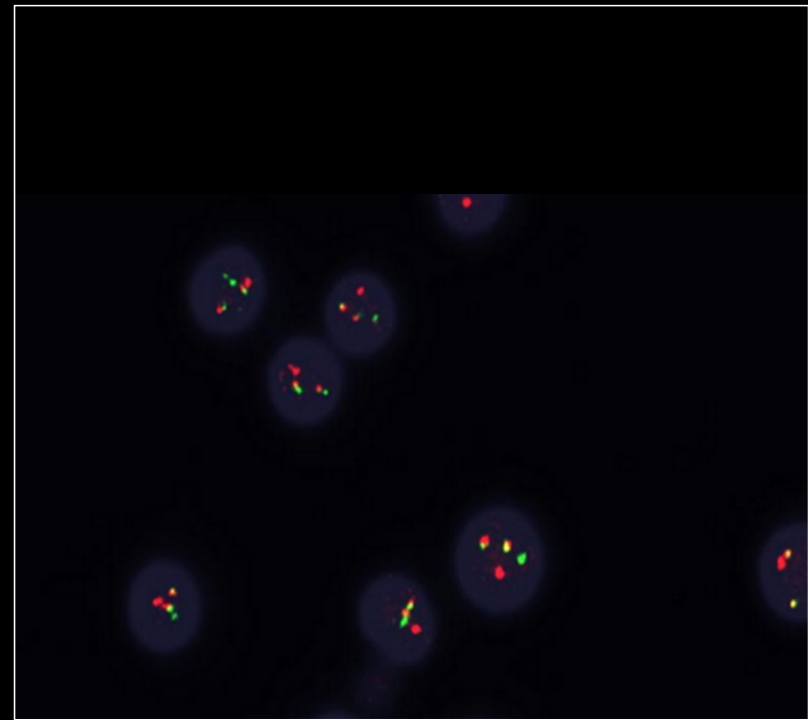


## Cytogenetics and FISH

Cytogenetic analysis of bone marrow presented an abnormal karyotype due to the presence of hyperdiploidy. 75% metaphases possessed 53,XY,add(7)(p22),+8,t(9;22)(q34;q11.2),+11,+13,+14,+21,+21,+mar1]. The remaining 25% cells possessed only Ph chromosome [46,XY,t(9;22)(q34;q11.2)].



FISH analysis confirmed fusion of the BCR and ABL1 genes. Repeated qRT-PCR testing for all three transcripts yielded negative results.