Translocation between chromosomes 4 and 9 generated a der(4)(4;9)(q31;q34) and a der(9)(4;9)(q31;q34). The GAB1-ABL1 fusion gene is formed on der(4).

Translocation between chromosomes 1 (p34–35) and der(9)(4;9)(q31;q34) generated der(1) (4qter>4q31::9q34>9q34::1p34>35::1qter) and der(9)(1;9)(p34–35;q34). The breakpoint at der(9) is few Kbp centromeric of ABL1.
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