

Supplementary table 2. The sequences of PCR primers

Gene	Primers (5' - 3')	
	Forward	Reverse
mClaudin-1	AGGTCTGGCGACATTAGTGG	TGGTGTTGGGTAAGAGGTTG
mClaudin-2	CTCCCTGGCCTGCATTATCTC	ACCTGCTACCGCCACTCTGT
mZO-1	GCCGCTAAGAGCACAGCAA	TCCCCACTCTGAAAATGAGGA
mGAPDH	GGACACTGAGCAAGAGAGGC	TTATGGGGGTCTGGGATGGA

Risk classification standard

Risk classification	Cytogenetics	Molecular genetics
Favorable-risk	Inv(16), (p13q22) or t(16;16) (p13;q22) t(8,21), (q22;q22) t(9;11), (p22;q23) Normal karyotype	NPM1 mutation but not FLT3-ITD mutation CEBPA mutation Inv(16), (p13q22) or t(16;16) (p13;q22) with C-Kit mutation t(8,21), (q22;q22) with C-Kit mutation
Unfavorable-risk	Monomer karyotype Complex karyotype(≥ 3), without t(8,21), (q22;q22), Inv(16), (p13q22) or t(16;16) (p13;q22) -5, -7, 5q-, -17 or abn(17p) t(6;9), (p23;q34) t(9;22)	TP53 mutation RUNX1(AML1) mutation ASXL1 mutation FLT3-ITD mutation