

Table 2 Association of KCNJ16 mRNA expression with different variables of thyroid tumor patients

Variable	Cases (n = 68(%))	KCNJ16 expression ($2^{-\Delta Ct}$)	P-value
Gender			
Female	50(74)	0.08296(0.05275, 0.1277)	0.56
Male	18(26)	0.06787(0.04606, 0.1108)	
Age/yr			
<55	56(82)	0.08515(0.05309, 0.1255)	0.13
≥55	12(18)	0.06295(0.01532, 0.1223)	
Tumor diameter/cm			
≤2	58(85)	0.07784(0.05204, 0.1241)	0.86
> 2	10(15)	0.08093(0.05070, 0.1331)	
Histological types			
Benign	6(9)	0.08436(0.04653, 0.1111)	0.43
PTC ^a	36(53)	0.06598(0.04574, 0.1220)	
PTMC ^b	26(38)	0.08296(0.05831, 0.1414)	
Lymph node metastasis			
Yes	41(60)	0.08668(0.04913, 0.1305)	0.58
No	27(40)	0.06807(0.05294, 0.1219)	
Vascular/capsular invasion			
Yes	28(41)	0.06485(0.04078, 0.1002)	0.02*
No	40(59)	0.08949(0.05475, 0.1527)	
BRAF V600E			
Wild type	21(31)	0.08361(0.05431, 0.1176)	0.82
Mutation	47(69)	0.07322(0.05159, 0.1303)	
Stage			
Stage I	57(84)	0.08232(0.05325, 0.1305)	0.07
Stage II +III	5(7)	0.02196(0.007871, 0.1285)	

a: papillary thyroid carcinoma

b: papillary thyroid microcarcinoma

*: Bold fonts indicate statistical significance