

Table 1 Association of TSHR mRNA expression with different variables of thyroid tumor patients

Variable	Cases (n = 68(%))	TSHR expression ($2^{-\Delta Ct}$)	P-value
Gender			
Female	50(74)	0.1573(0.1033, 0.2166)	0.72
Male	18(26)	0.1427(0.1288, 0.2689)	
Age/yr			
<55	56(82)	0.1609(0.1279, 0.2541)	0.01*
≥55	12(18)	0.1121(0.0751, 0.1555)	
Tumor diameter/cm			
≤2	58(85)	0.1518(0.1115, 0.2334)	0.77
>2	10(15)	0.1450(0.1288, 0.2191)	
Histological types			
Benign	6(9)	0.1483(0.1311, 0.1956)	0*
PTC ^a	36(53)	0.1292(0.0802, 0.1986)	
PTMC ^b	26(38)	0.1910(0.1458, 0.2721)	
Lymph node metastasis			
Yes	41(60)	0.1473(0.1115, 0.2511)	0.91
No	27(40)	0.1488(0.1275, 0.2193)	
Vascular/capsular invasion			
Yes	28(41)	0.1327(0.0776, 0.1581)	0*
No	40(59)	0.1815(0.1393, 0.2627)	
BRAF V600E			
Wild type	21(31)	0.1392(0.1221, 0.1928)	0.34
Mutation	47(69)	0.1613(0.1217, 0.2451)	
Stage			
Stage I	57(84)	0.1613(0.1253, 0.2468)	0*
Stage II +III	5(7)	0.0748(0.0383, 0.1043)	

a: papillary thyroid carcinoma

b: papillary thyroid microcarcinoma

*: Bold fonts indicate statistical significance.