

Supplemental Table S3. Association of *TERT* Promoter Mutations Status with Clinicopathological Variables in 2,020 Papillary Thyroid Carcinoma Patients

Clinical characteristic	Mutation-type (n=57)	Wild-type (n=1,963)	Odds ratio (95% CI)	P value
Age, yr	63.3±11.6	44.9±12.4	1.13 (1.10–1.16)	<0.001
<55	12 (21.1)	1,508 (76.8)	Reference	
≥55	45 (78.9)	455 (23.2)	12.43 (6.52–23.70)	<0.001
Age, yr ^a				
10–19	0	18 (0.9)	1.00 (reference)	
20–29	0	196 (10.0)	Non-estimable	
30–39	2 (3.5)	491 (25.0)	Non-estimable	
40–49	6 (10.5)	568 (28.9)	Non-estimable	
50–59	13 (22.8)	423 (21.5)	Non-estimable	
60–69	17 (29.8)	215 (11.0)	Non-estimable	
70–79	15 (26.3)	50 (2.5)	Non-estimable	
≥80	4 (7.0)	2 (0.1)	Non-estimable	
Sex				
Female	32 (56.1)	1,452 (74.0)	Reference	
Male	25 (43.9)	511 (26.0)	2.22 (1.30–3.78)	0.003
Tumor size, cm	2.83±1.71	1.21±0.95	2.02 (1.74–2.34)	<0.001
0.1–1.0	6 (10.5)	1,137 (57.9)	Reference	
1.1–2.0	19 (33.3)	576 (29.3)	6.25 (2.48–15.74)	<0.001
2.1–3.0	11 (19.3)	145 (7.4)	14.38 (5.24–39.46)	<0.001
3.1–4.0	9 (15.8)	60 (3.1)	28.43 (9.80–82.47)	<0.001
4.1–5.0	4 (7.0)	22 (1.1)	34.46 (9.08–130.75)	<0.001
5.1–8.5	8 (14.0)	23 (1.2)	65.91 (21.16–205.30)	<0.001
Pathologic T category				
T1	16 (28.1)	1,637 (83.4)	Reference	
T2	5 (8.8)	174 (8.9)	2.94 (1.06–8.12)	0.038
T3	14 (24.6)	137 (7.0)	10.46 (5.00–21.87)	<0.001
T4	22 (38.6)	15 (0.8)	150.06 (66.06–340.86)	<0.001
Pathologic N category ^b				
Nx	7 (12.3)	315 (16.0)	-	
N0	15 (26.3)	732 (37.3)	Reference	
N1a	13 (22.8)	648 (33.0)	0.98 (0.46–2.07)	0.956
N1b	22 (38.6)	268 (13.7)	4.01 (2.05–7.84)	<0.001
Initial distant metastasis				
Absent	52 (91.2)	1,947 (99.2)	Reference	
Present	5 (8.8)	16 (0.8)	11.70 (4.13–33.15)	<0.001

Values are expressed as mean±standard deviation or number (%).

TERT, telomerase reverse transcriptase; CI, confidence interval.

^aNon-estimable because all patients aged 10 to 19 years were wild-type; ^bNx patients were not included in the univariable logistic regression.