

**Supplemental Table S3.** Clinicopathological Characteristics of Papillary Thyroid Microcarcinoma Patients with Lateral Neck Lymph Node Metastasis Subjected to RNA Sequencing and IHC Staining in the CHA Dataset

Characteristic	CHA N1b			P value
	Total	RNA sequencing	IHC staining	
Number	56	10	12	
Age, yr	45.57±11.71	42.97±11.50	40.96±9.15	0.402
Male sex	26 (46.4)	6 (60.0)	6 (50.0)	0.728
Tumor size, cm	0.8 (0.6–0.9)	0.8 (0.7–0.9)	0.9 (0.7–0.9)	0.233
Number of tumors				0.519
1	25 (44.6)	4 (40.0)	3 (25.0)	
2	15 (26.8)	1 (10.0)	3 (25.0)	
3	8 (14.3)	3 (30.0)	2 (16.7)	
≥4	8 (14.3)	2 (20.0)	4 (33.3)	
Multifocality	31 (55.4)	6 (60.0)	9 (75.0)	0.454
One lobe	13 (23.2)	2 (20.0)	4 (33.3)	0.774
Both lobes	18 (32.1)	4 (40.0)	5 (41.7)	
Extrathyroidal extension	24 (42.9)	5 (50.0)	6 (50.0)	0.850
Microscopic	20 (35.7)	3 (30.0)	5 (41.7)	0.750
Gross	4 (7.1)	2 (20.0)	1 (8.3)	
Thyroiditis	17 (30.4)	2 (20.0)	7 (58.3)	0.111
Central node metastasis	36/50 (72.0)	9/9 (100.0)	9/10 (90.0)	0.107
Lymphatic invasion	13 (23.2)	2 (20.0)	2 (16.7)	0.874
Vascular invasion	2 (3.6)	1 (10.0)	1 (8.3)	0.600
Variant				0.549
Classical	51 (91.1)	9 (90.0)	10 (83.3)	
Classical+Follicular	1 (1.8)	1 (10.0)	1 (8.3)	
Others	4 (7.1)	0	1 (8.3)	
<i>BRAF</i> <sup>V600E</sup> mutation	41/44 (93.2)	9/9 (100.0)	12 (100.0)	0.472

Values are expressed as mean ± standard deviation, number (%), or median (interquartile range).  
IHC, immunohistochemical; CHA, CHA Bundang Medical Center.