

Table 2 Summary of re-biopsy result (n = 109)

Diagnosis		n (%)	T790M	n (%)	The success rate of re-biopsy (%)
Histology specimens (n = 59)	Adenocarcinoma	53 (89.8)	positive	32 (54.2)	94.9%
			negative	16 (27.1)	
			no PCR results	5 (8.5)	
	SCLC transformation	2 (3.4)			
	Sarcomatoid transformation	1 (1.7)			
	No malignant cells	3 (5.1)			
Cytology specimens (n = 18)	Adenocarcinoma/malignant cells	14 (77.8)	positive	1 (5.6)	83.3%
			negative	11 (61.1)	
			no PCR results	2 (11.1)	
	SCLC transformation	1 (5.6)			
	No malignant cells	3 (16.6)			
Plasma liquid biopsy (n = 32)	Detection of any <i>EGFR</i> mutations	14 (43.8)	positive	8 (25)	43.8%
			negative	6 (18.8)	
	No detection of <i>EGFR</i> mutations	18 (56.2)			
Total (n=109)	Adenocarcinoma/malignant cells	81 (74.3)	positive	41 (38.3)	78%
			negative	33 (30.8)	
			no PCR results	7 (6.4)	
	Transformation	4 (3.7)			
	No malignant cells	24 (22)			