

Supplementary Table 1. Molecular Profiling of Patients

Characteristics	Pemetrexed-based (n=48)	Non-pemetrexed-based (n=78)	p value
ALK expression, n (%)	39 (81.3)	37 (47.4)	0.649
Negative	0 (0.0)	0 (0.0)	0 (0.0)
1+	3 (7.7)	6 (16.2)	9 (11.8)
2+	20 (51.3)	10 (27.0)	30 (39.5)
3+	16 (41.0)	21 (56.8)	37 (48.7)
ALK FISH result, available	35 (72.9)	48 (61.5)	
Mean break apart signal (%), mean±SD	50.4±18.5	50.4±20.0	0.984
EGFR mutation, n (%)	0 (0.0)	0 (0.0)	NA
KRAS mutation, n (%)	0 (0.0)	0 (0.0)	NA

ALK, anaplastic lymphoma kinase; FISH, fluorescence in situ hybridization; SD, standard deviation; EGFR, epidermal growth factor receptor.