

Figure S1 Study diagram.

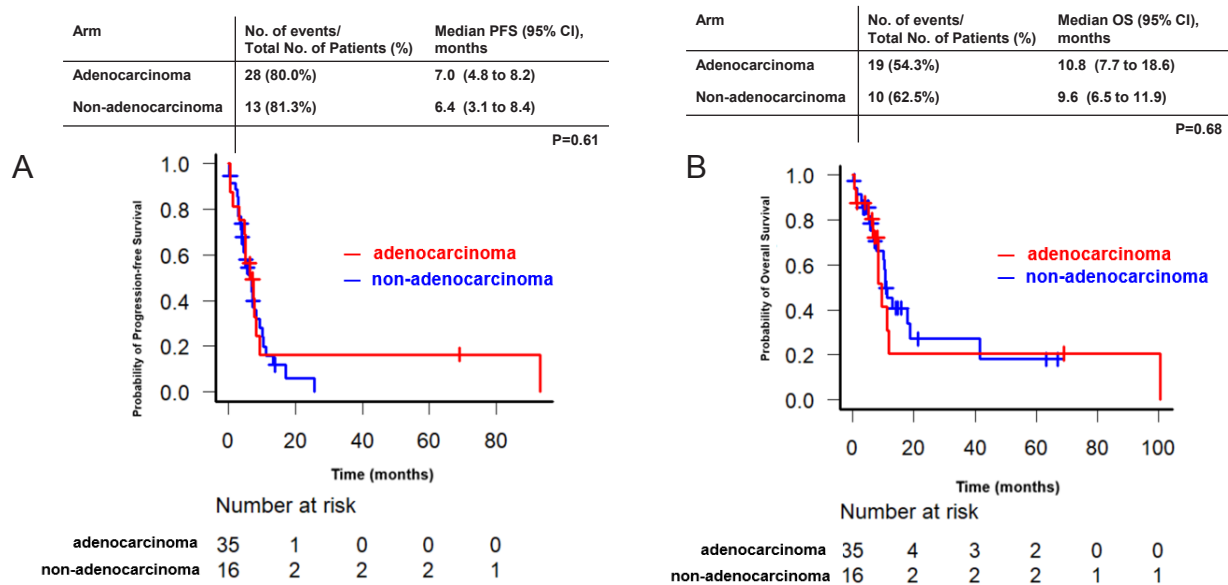


Figure S2 Estimated Kaplan-Meier survival curves for progression-free survival (A) and overall survival (B) in patients with adenocarcinoma (n=35) and those without adenocarcinoma (n=16).

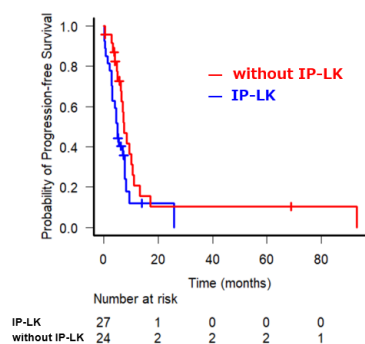
Arm	No. of events/ Total No. of Patients (%)	Median PFS (95% CI), months
IP-LK	22 (81.5%)	5.0 (2.9 to 7.7)
Without IP-LK	19 (79.2%)	7.4 (5.1 to 10.5)

P=0.08

Arm	No. of events/ Total No. of Patients (%)	Median OS (95% CI), months
IP-LK	19 (70.4%)	8.2 (5.6 to 13.0)
Without IP-LK	10 (41.7%)	11.3 (8.3 to NA)

P=0.04

A



B

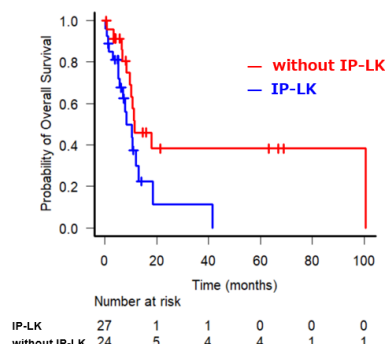


Figure S3 Estimated Kaplan-Meier survival curves for progression-free survival (A) and overall survival (B) in patients with IP-LK (n=27) and those without IP-LK (n=24).

Table S1 Comparison of objective response rates of TTF-1-positive and TTF-1-negative groups

Outcome	TTF-1-positive (n=32, 62.7%)	TTF-1-negative (n=19, 37.3%)	P value
CR	1 (3.1)	0 (0.0)	–
PR	19 (59.4)	6 (31.6)	–
SD	8 (25.0)	7 (36.8)	–
PD	2 (6.3)	6 (31.6)	–
NE	2 (6.3)	0 (0.0)	–
ORR (%)	62.5	31.6	0.045
DCR (%)	87.4	68.4	0.15

Data are presented as n (%). TTF-1, thyroid transcription factor 1; CR, complete response; PR, partial response; SD, stable disease; PD, progressive disease; NE, not evaluable; ORR, overall response rate; DCR, disease control rate.

Table S2 The occurrence rate of acute exacerbation of IIPs

	TTF-1-positive (n=32, 62.7%)	TTF-1-negative (n=19, 37.3%)	P value
AEx of IIPs	1 (3.2%)	2 (10.5%)	0.55

IIP, idiopathic interstitial pneumonia; TTF-1, thyroid transcription factor 1; AEx, acute exacerbation.

Table S3 Association between TTF-1 expression and the presence of interstitial pneumonia in the background lung tissue of the primary tumor

	IP-LK (n=27)	without IP-LK (n=24)	P value
AEx of IIPs	2 (7.4%)	1 (4.2%)	>0.99