

Supplementary table 1. Primer sequences for the genes.

Gene	Primer	Sequence (5'--3')
FADS2	Forward	AATCATCGCCACTTCCAGCA
	Reverse	CCCAGAACAAACACGTGCAG
GAPDH	Forward	CCACTAGGCGCTCACTGTTC
	Reverse	CTTCCCGTTCTCAGCCTTGA

Supplementary table 2. Characteristics of lung cancer patients and lactate-related risk score.

Characteristics	All patients	lactate-related risk score (Low)	lactate-related risk score (High)	P value
	n=99	n=50	n=49	
	No.	No.	No.	
Age at diagnosis (years)				0.192
<65	48	21	27	
≥65	51	29	22	
Sex				<0.001
female	56	35	21	
male	43	15	28	
Radiotherapy				<0.001
sensitive	35	23	12	
resistant	64	27	37	
T				<0.001
T1	28	15	13	
T2-T4	71	35	36	
N				<0.001
N0	51	25	26	
N1-N3	47	24	23	
NX	1	1	0	