

Supplementary tables

Table SI. Distribution of cases by categories of CK2 α staining.

	CK2 α staining status				
No. (%)	1	2	3	4	5
	0	8 (7%)	50 (42%)	39 (33%)	21 (18%)

CK2 α , casein kinase 2 alpha.

Table SII. Univariate and Cox regression multivariable stepwise procedure of recurrence-free survival in patients with non-mucinous invasive adenocarcinoma (N=82).

Characteristics	Univariate analysis				Multivariate analysis		
	No.	HR	95% CI	P-value	HR	95% CI	P-value
Age (≥ 70)	40	1.199	0.519-2.768	0.671			
Sex (male)	49	1.458	0.592-3.589	0.412			
Lymph node metastasis (positive)	13	13.503	5.465-33.363	<0.001	12.538	5.107-30.783	<0.001
p-stage (II-III)	17	9.329	3.774-23.060	<0.001			
Lymphatic invasion (positive)	17	4.879	2.068-11.511	<0.001			
Microscopic vascular invasion (positive)	24	3.327	1.411-7.843	0.006			
Histological grade (3)	29	1.639	0.698-3.850	0.257			
Epidermal growth factor receptor gene mutation (Neg and NE)	50	0.759	0.327-1.761	0.520			
Anaplastic lymphoma kinase gene translocation (Neg and NE)	80	0.047	<0.001-1000<	0.598			
Nucleolar casein kinase 2 alpha (positive)	43	4.114	1.475-11.472	0.007	3.772	1.348-10.556	0.011

HR, hazard ratio; CI, confidence interval; Neg, negative; NE, not evaluated.

Table SIII. Univariate and Cox regression multivariable stepwise procedure of overall survival in patients with non-mucinous invasive adenocarcinoma (N=82).

Characteristic	No.	Univariate analysis			Multivariate analysis		
		HR	95% CI	P-value	HR	95% CI	P-value
Age (≥ 70)	40	2.734	0.706-10.577	0.145	9.834	2.060-46.939	0.004
Sex (male)	49	2.735	0.580-12.890	0.203			
Lymph node metastasis (positive)	13	5.949	1.720-20.580	0.005	8.302	2.126-32.422	0.002
p-stage (II-III)	17	4.139	1.197-14.311	0.025			
Lymphatic invasion (positive)	17	4.213	1.217-14.577	0.023	9.101	2.096-39.518	0.003
Microscopic vascular invasion (positive)	24	2.687	0.775-9.308	0.119			
Histological grade (3)	29	4.724	1.221-18.274	0.024			
Epidermal growth factor receptor gene mutation (Neg and NE)	50	5.834	0.738-46.127	0.095			
Anaplastic lymphoma kinase gene translocation. (Neg and NE)	80	20.913	<0.001-1000<	0.731			
Nucleolar casein kinase 2 alpha (positive)	43	2.128	0.550-8.238	0.274			

HR, hazard ratio; CI, confidence interval; Neg, negative; NE, not evaluated.