

**Table S1.** Differences in miR-5682 expression among patients with different clinical-demographic features

Factor		Relative expression of miRNA	
		Median (IQR)	<i>p</i>
Age (years)	> 65	1.37 (0.80-4.24)	0.576
	≤ 65	0.39 (0.06-1.49)	
Disease stage (TNM)	III	1.27 (0.22-2.34)	0.081
	IVA-IVC	1.49 (0.52-4.67)	
T stage	T1-3	1.27 (0.24-2.74)	0.568
	T4	1.49 (0.39-4.41)	
N stage	N0	1.27 (0.24-3.39)	0.133
	N1-3	4.41 (-)	
M stage	M0	1.27 (0.24-3.39)	0.185
	M1	4.24 (-)	
Performance status	≤1	1.08 (0.24-2.74)	0.015*
	>1	5.94 (4.24-7.65)	
Alcohol consumption	Yes	1.46 (0.45-3.49)	0.466
	No	1.08 (0.14-4.03)	
Smoking status	Smoker	1.37 (0.52-3.39)	0.120
	Non-smoker	0.80 (0.03-4.24)	

\* - statistically significant results

Abbreviations: IQR - interquartile range; M - metastatic spread; N - lymph node involvement; T - tumor site and size.

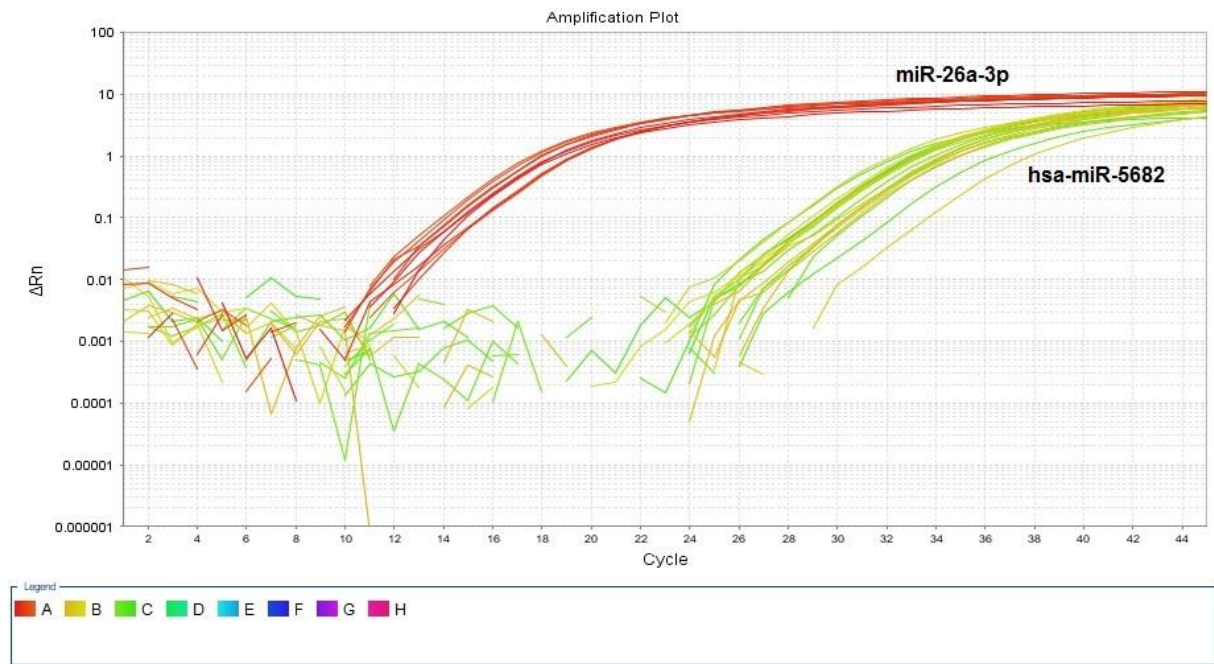
**Table S2.** Correlation between demographic, clinical and nutritional variables and the relative expression of miR-5682

Factor	miR-5682	
	Univariable	
	rho	<i>p</i>
Age [years]	0.374	0.379
T stage	0.078	0.566
N stage	0.137	0.314
M stage	0.133	0.328
Disease stage (TNM)	0.235	0.081
Weight I [kg]	-0.147	0.278
Weight IV [kg]	-0.224	0.096
Weight VII [kg]	-0.254	0.058
BMI I [kg/m <sup>2</sup> ]	-0.270	0.044*
BMI IV [kg/m <sup>2</sup> ]	-0.331	0.012*
BMI VII [kg/m <sup>2</sup> ]	-0.337	0.011*
FM I [kg]	-0.201	0.136
FM IV [kg]	-0.357	0.015*
FM VII [kg]	-0.058	0.700
FM I [%]	-0.197	0.145
FM IV [%]	-0.241	0.106
FM VII [%]	0.147	0.328
FFM I [kg]	-0.061	0.656
FFM IV [kg]	-0.185	0.218
FFM VII [kg]	-0.335	0.022*
FFMI I [%]	0.208	0.124
FFMIV [%]	0.235	0.115
FFMVII [%]	-0.140	0.352
FFMI I [kg/m <sup>2</sup> ]	0.051	0.715
FFMI IV [kg/m <sup>2</sup> ]	-0.289	0.051
FFMI VII [kg/m <sup>2</sup> ]	-0.183	0.222
nFFMI I [kg/m <sup>2</sup> ]	-0.008	0.951
nFFMI IV [kg/m <sup>2</sup> ]	-0.258	0.083
nFFMI VII [kg/m <sup>2</sup> ]	-0.440	0.002*
TP I [g/L]	0.042	0.759
TP IV [g/L]	-0.132	0.359
TP VII [g/L]	-0.333	0.018*

Albumin I [g/dL]	-0.153	0.261
Albumin IV [g/dL]	-0.140	0.330
Albumin VII [g/dL]	-0.442	0.001*
Prealbumin [mmol/L]	-0.130	0.340
Transferrin [g/L]	-0.053	0.699
CRP [mg/L]	0.005	0.969
NRI	-0.073	0.591
Duration of nutritional support[days]	-0.500	0.312
NRS-2002	-0.139	0.305
SGA	0.268	0.045*

\*—statistically significant results

Abbreviations: BMI—body mass index; CRP—C-reactive protein; FFM—fat free mass; FFMI—fat-free mass index; FM—fat mass; M—metastatic spread; N—lymph node involvement; nFFMI—normalized fat-free mass index; NRI—nutrition risk index; NRS-2002—Nutritional Risk Screening 2002; SGA—subjective global assessment; T—tumor site and size and TNM—tumor, node, and metastasis staging.



**Figure S1.** Ct values of internal control (miR-26-3p) and miR-5682 in studied patients.