

Supplemental Table S1. Patient demographics.

Variable	Number or Mean (SEM)
Condition	
Non-cancer controls	16
PDAC	20
Sex	
Non-cancer controls	
Male	5
Female	11
PDAC	
Male	10
Female	10
Age	
Non-cancer controls	57.6 (2.92)
PDAC	67.8 (1.96)**
BMI	
Non-cancer controls	29.31 (1.31)
PDAC	27.02 (1.13)
Neoadjuvant Therapy	
Yes	5
No	15
Tumor size.	
<3cm	11
>3cm	9
AJCC Stage 7th	
IA	1
IIA	6
IIB	12
III	1
Tumor Differentiation #	
Well/moderate	12
Poor	7
N Stage	
N0	7
N1	13
Lymphovascular Invasion	
Yes	14
No	6

Groups were compared using Mann-Whitney U test.

** Significantly different ($P < 0.01$)

One adenosquamous cancer patient excluded from the analysis of tumor differentiation

Supplemental Table S2. Demographics of non-cancer control patients with normal muscularity and cachectic PDAC patients.

Variable	Number or Mean (SEM)
Condition	
Non-cancer controls (normal muscularity [#])	9
Cachectic PDAC [§]	9
Sex	
Non-cancer controls	
Male	3
Female	6
Cachectic PDAC	
Male	3
Female	6
Age	
Non-cancer controls	54.1 (11.86)
Cachectic PDAC [§]	72.3 (5.34)**
Skeletal muscle index (SMI)	
Non-cancer controls	48.6 (8.39)
Cachectic PDAC [§]	35.4 (4.75)****
Skeletal muscle attenuation (MA)	
Non-cancer controls	37.8 (9.58)
Cachectic PDAC [§]	24.1 (10.34)*
Body-weight loss	
Non-cancer controls	1.6 (3.71)
Cachectic PDAC [§]	18.3 (7.88)***
BMI	
Non-cancer controls	30.4 (6.70)
Cachectic PDAC [§]	25.9 (4.75)
Neoadjuvant Therapy (PDAC)	
Yes	3
No	6

Groups were compared using Mann-Whitney U test.

* $P < 0.05$, ** $P < 0.01$, *** $P < 0.001$, **** $P < 0.0001$, significantly different vs. non-cancer control group.

[#]Normal muscularity was defined based on CT-defined measurements of skeletal muscle index (SMI), and sex- and BMI-specific thresholds for SMI values.

[§] Cachexia was defined as body-weight loss of $>8\%$ in combination with CT-defined measurements of muscle depletion (low SMI) and low muscle attenuation, based on sex- and BMI-specific thresholds (Martin et al, 2013).