

**Development and Characterization of a Cancer Cachexia
Rat Model Transplanted with Cells of the Rat Lung
Adenocarcinoma Cell Line Sato Lung Cancer (SLC)**

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Table S1. mRNA-specific primer pairs for RT-PCR.

Rat mRNA (NCBI ID)		Sequence (5'-3')
MuRF1 (AY059627.1)	Forward	GGAGAAGCTGGACTTCATCG
	Reverse	CTTGGAAGCTCAAGAGGAAGG
atrogin-1 (AY059628.1)	Forward	GAACATCATGCAGAGGCTGA
	Reverse	GTAAGCCGGTCTTCACTGAGC
GAPDH (AB017801.1)	Forward	CCCCCAATGTATCCGTTGTG
	Reverse	TAGCCCAGGATGCCCTTTAGT

RT-PCR, reverse transcriptase polymerase chain reaction; MuRF1, muscle-specific ring
finger protein 1; GAPDH, glyceraldehyde-3-phosphate dehydrogenase.

Table S2. Nutritional composition of the liquid diet used in the tube feeding experiment.

Components	Calories (/100 kcal)
Proteins (g)	3.5
Fats (g)	3.5
Carbohydrates (g)	13.7
Minerals	
Sodium (mg)	80.0
Potassium (mg)	150.0
Calcium (mg)	53.3
Magnesium (mg)	20.0
Phosphorus (mg)	53.3
Chloride (mg)	136.0
Iron (mg)	0.9
Zinc (mg)	1.5
Manganese (mg)	0.2
Copper (mg)	0.1
Selenium (µg)	1.6
Chromium (µg)	0.9
Molybdenum (µg)	1.9
Vitamins	
Vitamin A (µg RE ¹)	75.0
Vitamin D (µg)	0.5
Vitamin E (mg)	3.0
Vitamin K (µg)	7.0
Vitamin B1 (mg)	0.2
Vitamin B2 (mg)	0.2
Vitamin B6 (mg)	0.2
Vitamin B12 (µg)	0.6
Vitamin C (mg)	15.2
Nicotinamide (mg)	2.0
Pantothenic acid (mg)	0.5
Folic acid (µg)	20.0
Biotin (µg)	15.2
Choline (g)	0.1

¹ RE, retinol equivalents.