

Table SI. Effects of BC on various types of organs in an LLC cancer-cachexia mouse model.

Organ (g)	CTRL	CC	BC 4	BC 8
Liver	0.999±0.042	1.133±0.059	1.193±0.055 ^a	1.227±0.046 ^a
Spleen	0.064±0.003	0.271±0.024 ^b	0.324±0.014 ^b	0.306±0.026 ^b
Kidney	0.262±0.009	0.249±0.007	0.256±0.005	0.259±0.004
Heart	0.142±0.009	0.158±0.009	0.148±0.006	0.154±0.008
Lung	0.168±0.004	0.180±0.006	0.171±0.011	0.178±0.008

All data are shown as the mean ±standard error of the mean and were analyzed using one-way ANOVA with a Newman-Keuls post hoc test. ^aP<0.05 and ^bP<0.001 vs. the CTRL. BC, β-carotene; LLC, Lewis lung carcinoma; CTRL, Control; CC, LLC-induced cancer cachexia; BC 4, LLC-induced cancer cachexia + 4 mg/kg body weight of BC; BC 8, LLC-induced cancer cachexia + 8 mg/kg body weight of BC.