

Table S1. Effect melanoidin consumption on body weight, normalized rat organs weight (g/kg rat) and length of the small intestine and colorectum (cm) of control ($n = 8$) and treated rats ($n = 6$). Values represent the mean $\pm$ SEM. Asterisk denotes significant difference compared to control (T-student, * $p < 0.05$).

	Control	MEL
Body weight (g)	321.8 $\pm$ 8.5	318.6 $\pm$ 16.4
Stomach (g/kg)	12.1 $\pm$ 1.0	10.1 $\pm$ 1.0
Small intestine (g/kg)	33.2 $\pm$ 1.0	29.4 $\pm$ 1.0 *
Milking ¹ (g/kg)	8.4 $\pm$ 0.4	5.6 $\pm$ 0.6 *
Caecum (g/kg)	17.6 $\pm$ 0.8	16.4 $\pm$ 1.9
Colon (g/kg)	15.0 $\pm$ 1.2	13.6 $\pm$ 3.3
Salivary glands (g/kg)	2.4 $\pm$ 0.1	2.2 $\pm$ 0.2
Left kidney (g/kg)	3.3 $\pm$ 0.08	3.1 $\pm$ 0.04
Right kidney (g/kg)	3.2 $\pm$ 0.03	3.05 $\pm$ 0.06 *
Liver (g/kg)	38.8 $\pm$ 1.1	34.1 $\pm$ 1.0 *
Epididymal fat (g/kg)	21.9 $\pm$ 2.3	20.2 $\pm$ 1.7
Pancreas (g/kg)	4.0 $\pm$ 0.3	4.3 $\pm$ 0.4
Small intestine (cm)	58.7 $\pm$ 1.7	58.3 $\pm$ 0.9
Colorectum (cm)	14.5 $\pm$ 0.6	14.8 $\pm$ 1.4

¹ Milking: content of the small intestine.