



Correction

Correction: Methionine-Restricted C57BL/6J Mice Are Resistant to Diet-Induced Obesity and Insulin Resistance but Have Low Bone Density

The PLOS ONE Staff

In the Abstract and in the Materials and Methods, the article states that control and MR groups were fed with 0.86% methionine or 0.12% methionine. These values are correct, but they represent KCal percentages.

The percentage values represented in Table 1 and Table S1 are gram percentages. The authors have provided corrected versions of Table 1 and Table S1 below.

Table 1. Diet composition of HFD-fed CF and MR mice.

Ingredients	% gm / % Kcal
L-Arginine	1.48/1.13
L-Histidine-HCl-H ₂ O	0.44/0.33
L-Isoleucine	1.09/0.83
L-Leucine	1.47/1.1
L-Lysine	1.91/1.45
DL-Methionine	0.16/0.12 (1.14/0.86)
L-Phenylalanine	1.53/1.15
L-Threonine	1.09/0.83
L-Tryptophan	0.24/0.18
L-Valine	1.09/0.83
L-Glutamic Acid	4.55/3.45 (3.57/2.71)
Glycine	3.08/2.33
Corn Starch	0/0
Maltodextrin	7.52/5.68
Dextrose	6.62/5
Sucrose	19.85/15
Cellulose	6.62/0
Lard	28.98/49.28
Corn Oil	6.09/10.35
Minerals	4.63/0
Vitamins	1.32/1
Choline Bitartrate	0.26/0
Dye	0.01/0

High fat diets were purchased from Research Diets, Inc., New Brunswick, NJ. Control-fed (CF) on HFD catalog number: A11051306 and methionine-restricted (MR) on HFD catalog number: A11051305. Numbers in parenthesis are levels of DL-methionine and L-glutamic acid in the CF diet.
doi:10.1371/journal.pone.0051357.t001

Citation: The PLOS ONE Staff (2014) Correction: Methionine-Restricted C57BL/6J Mice Are Resistant to Diet-Induced Obesity and Insulin Resistance but Have Low Bone Density. PLoS ONE 9(7): e104050. doi:10.1371/journal.pone.0104050

Published: July 25, 2014

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Table S1. Diet Composition of LFD-fed mice.

Ingredients	% gm / % Kcal
L-Arginine	1.09/1.13
L-Histidine-HCl-H ₂ O	0.32/0.33
L-Isoleucine	0.8/0.83
L-Leucine	1.08/1.1
L-Lysine	1.4/1.45
DL-Methionine	0.12/0.12 (0.84/0/86)
L-Phenylalanine	1.13/1.15
L-Threonine	0.8/0.83
L-Tryptophan	0.17/0.18
L-Valine	0.8/0.83
L-Glutamic Acid	3.34/3.45 (2.62/2.71)
Glycine	2.26/2.33
Corn Starch	53.38/54.95
Maltodextrin	0/0
Dextrose	4.86/5
Sucrose	14.57/15
Cellulose	4.86/0
Lard	0/0
Corn Oil	4.47/10.35
Minerals	3.4/0
Vitamins	0.97/1
Choline Bitartrate	0.19/0
Dye	0/0

Low fat diets were purchased from Research Diets, Inc., New Brunswick, NJ. Control-fed (CF) on LFD catalog number: A11051302 and methionine-restricted (MR) on LFD catalog number: A11051301. Numbers in parenthesis are levels of DL-methionine and L-glutamic acid in the CF diet.
doi:10.1371/journal.pone.0051357.t002

Reference

1. Ables GP, Perrone CE, Orentreich D, Orentreich N (2012) Methionine-Restricted C57BL/6j Mice Are Resistant to Diet-Induced Obesity and Insulin Resistance but Have Low Bone Density. *PLoS ONE* 7(12): e51357. doi:10.1371/journal.pone.0051357