

## Supplemental

**Table 1**  
**Composition of diets fed to mice**

Ingredient	MD10% Fat	MD45% Fat
Casein	18.96	23.31
L-cystein	0.28	0.35
Corn starch	29.86	8.48
Maltodextrin	3.32	11.65
Sucrose	33.17	20.14
Cellulose	4.74	5.83
Soybean oil	2.37	2.91
Lard	1.9	20.68
Mineral Mix	0.95	1.16
Phosphate dicalcium	1.23	1.51
Carbonate calcium	0.5	0.64
Potassium citrate, 1 H <sub>2</sub> O	1.56	1.92
Vitamin Mix	0.95	1.16
Choline bitartrate	0.19	0.23
Total	99.98	99.97
Energy Composition	100	100
Protein	20	20
Carbohydrate	70	35
Fat	10	45