

Supporting information

Table S1: Ingredients for the various diets used in this study.

Normal diet = Ingredients A + B

Negative control diet = Ingredient B

Casein only diet = Casein + Ingredient B

Sucrose only diet = Sucrose + Ingredient B

Sucrose + casein diet = (8%- % casein) Sucrose + % Casein + Ingredient B

Ingredient A. Nutritive base

INGREDIENTS	AMOUNT
Wheat germ	107.6 g
Casein	48.4 g
Sucrose	43.0 g
Torula yeast	21.5 g
Cholesterol	4.71 g

Ingredient B. Non-nutritive base

INGREDIENTS	AMOUNT
Distilled water	1000 ml
Gelcarin	15.7 g
Wessons salt	16.1 g
Sorbic acid	2.7 g
Methyl paraben	1.3 g
Ascorbic acid	6.7 g
Streptomycin	0.27 g
Kanamycin	0.07 g
36.5% formalin	8.6 ml
Vitamin mix	Dissolved in 10ml water
Nicotinic acid	13.5 mg
Riboflavin	6.73 mg
Thiamine	3.14 mg
Pyriodoxine	3.14 mg
Folic acid	3.14 mg
Biotin	0.27 mg