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(54) **Title:** OBESITY ANIMAL MODEL AND METHODS FOR MAKING AND USING THEREOF

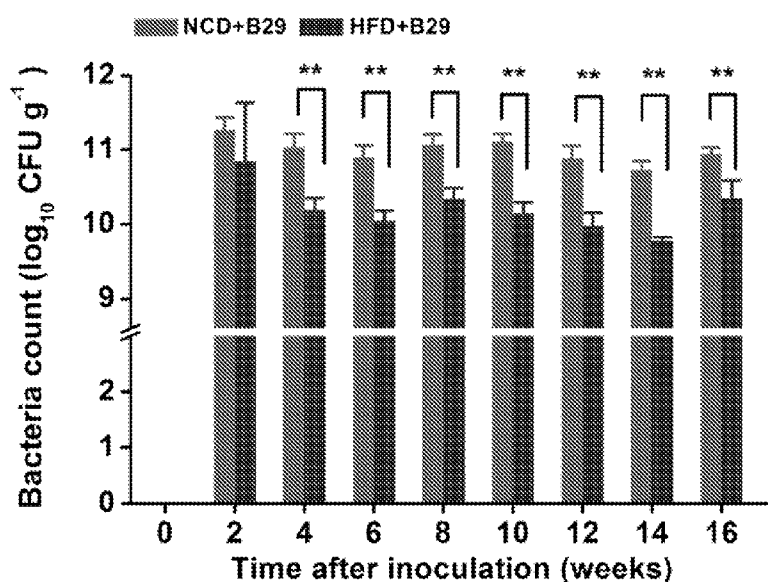


FIGURE 1

(57) **Abstract:** The application provides, among others, methods for constructing animal obesity models, methods for screening microorganism or composition of microorganisms that may cause obesity, methods for screening therapeutic targets for treating metabolic disorders, and methods for screening or evaluating microorganisms, compounds, food, recipes, formulations, drugs, nutritional supplements, health-care products, beverages and other items for preventing and treating metabolic diseases.