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U Mass - Chronic high-fat feeding

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Protocol status: Working
We use this protocol and it's working

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Abstract

Summary:

A high-fat diet of varying composition and percent fat is administered to induce obesity in mice. High-fat diet induced obesity is causally associated with insulin resistance and type 2 diabetes.

Materials

MATERIALS

High-fat diet **Envigo (Harlan) Catalog #**TD 93075

Troubleshooting

1 High-fat diet is given ad libitum in mice.

2 A stock bag of high-fat diet should be stored in a refrigerator.

3 High-fat diet placed in cages should be replaced 2~3 times a week to avoid spoilage.