



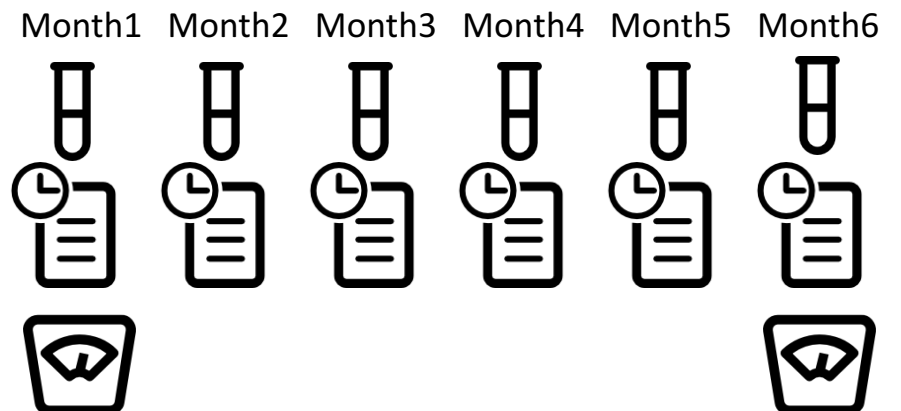


## All participants (N = 550)

-  Migration history
-  24-hr dietary recall
-  Anthropometrics
-  Stool sample

→  
*If arrived in US  
within 2 months*

## Longitudinal Sub-Study (N = 19)



**Pre-Immigration**

**Post-Immigration**

**US-born**

**HmongThai**  
n = 95

**Hmong1st**  
n = 137

**Hmong2nd**  
n = 54

**KarenThai**  
n = 84

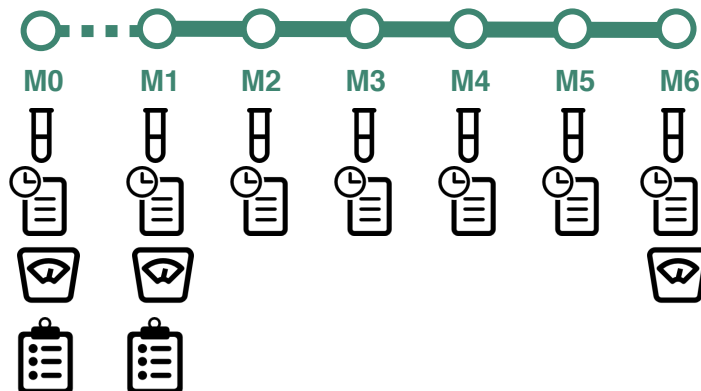
**Karen1st**  
n = 144

**Controls**  
n = 36

**Longitudinal Sub-Study (n = 19)**

*Started before  
immigration  
n = 6*

*Started within 2 months  
of US arrival  
n = 13*



**All participants (N = 550)**



Migration history



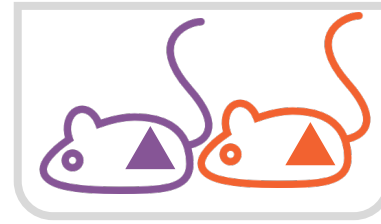
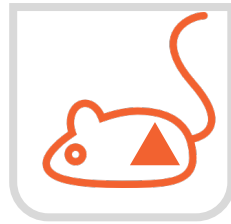
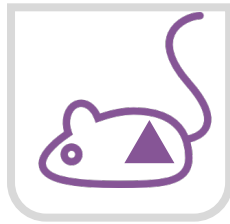
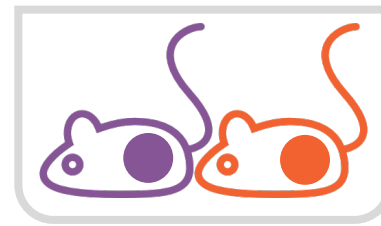
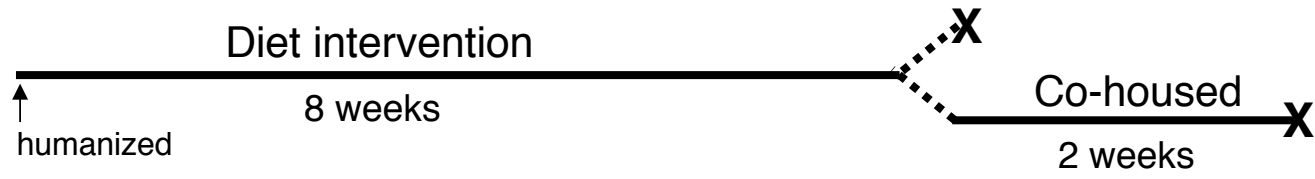
24-hr dietary recall



Anthropometrics



Stool sample



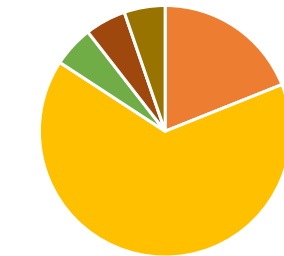
Non-Western Donor



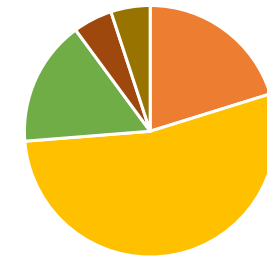
Western Donor



Cage arrangement



▲ Low-Fiber Diet



● High-Fiber Diet

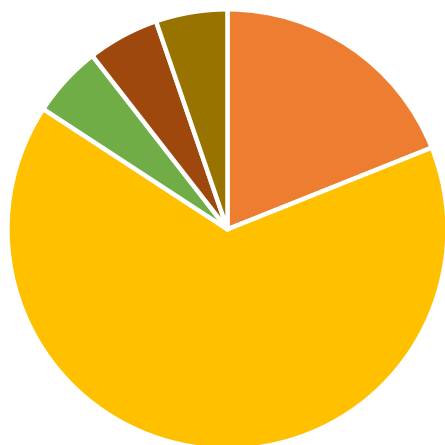
Protein

Carbohydrates

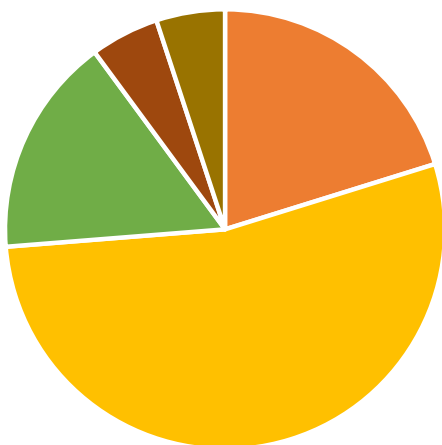
NDF

Fiber

Fat



Low Fiber Diet



High Fiber Diet

- Protein
- Carbohydrates
- NDF
- Fiber
- Fat