

### **Description of Additional Supplementary Files**

Supplementary Data 1. Diet ingredients

Supplementary Data 2. AIC values and mixture model summaries for all variables

Supplementary Data 3. Raw data F0

Supplementary Data 4. Raw data F1 female offspring

Supplementary Data 5. Raw data F1 male offspring

Supplementary Data 6. Chi-sq comparison of GAM models for all variables