

Supplemental Figure Legends

Supplemental Figure S1. Outlier Identification via Principal Component Analysis.

PCA of all 40 offspring originally included in the study. Color indicates group association. Triangles indicate males and circles indicate females. Outlier is identified by an asterisk.

Supplemental Figure S2. Read count distribution per sample post-filtering.

Histogram of total read count (millions) per sample. Bars are colored by group/sex affiliation.

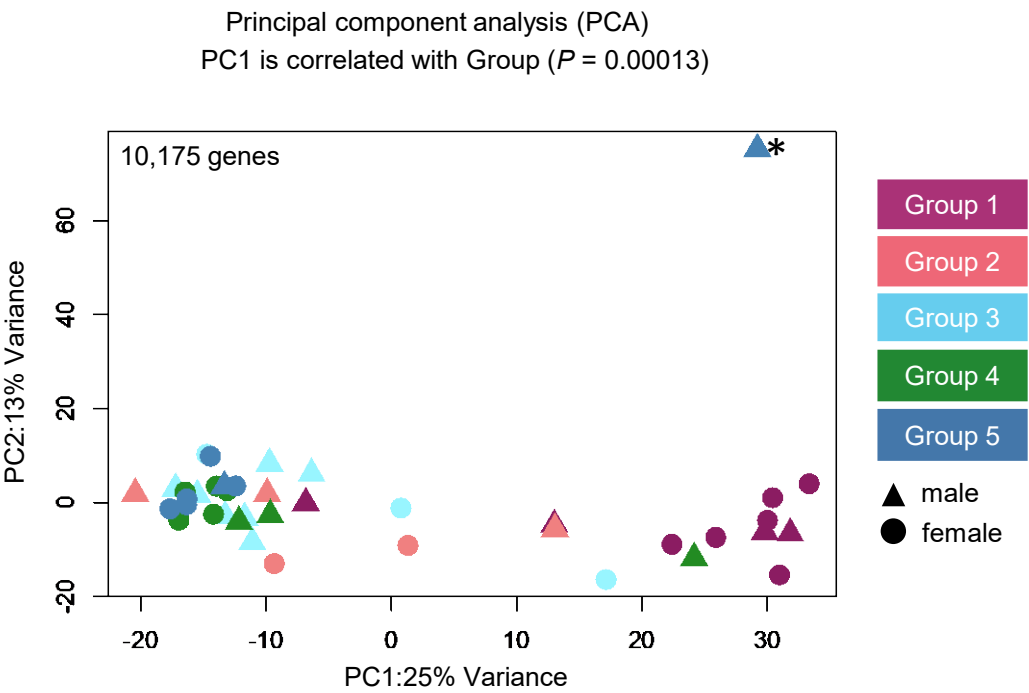
Supplemental Figure S3. Impact of maternal diet on offspring gene expression.

Colors indicate experimental group with triangles representing males and circles representing females. **(A)** Group composition and the number of genes retained post-filtering. **(B)** Hierarchical clustering of the top 1,000 differentially expressed genes. **(C)** PCA of filtered transcriptional profiles. **(D)** Linear models and number of significantly differentially expressed genes by maternal diet.

Supplemental Figure S4. Principal component analysis based on cohort year.

Colors indicate year individuals were born

Figure S1. Outlier identification via Principal Component Analysis.



Supplemental Figure S2. Read count distribution per sample post-filtering.

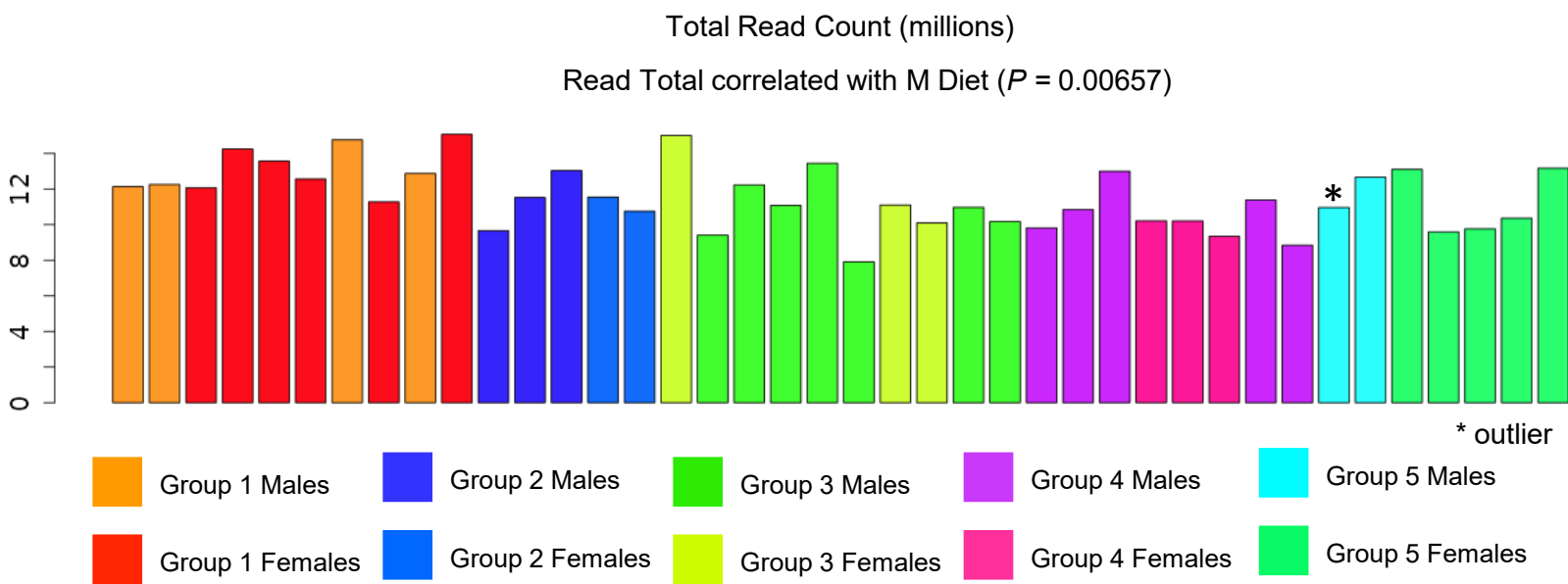
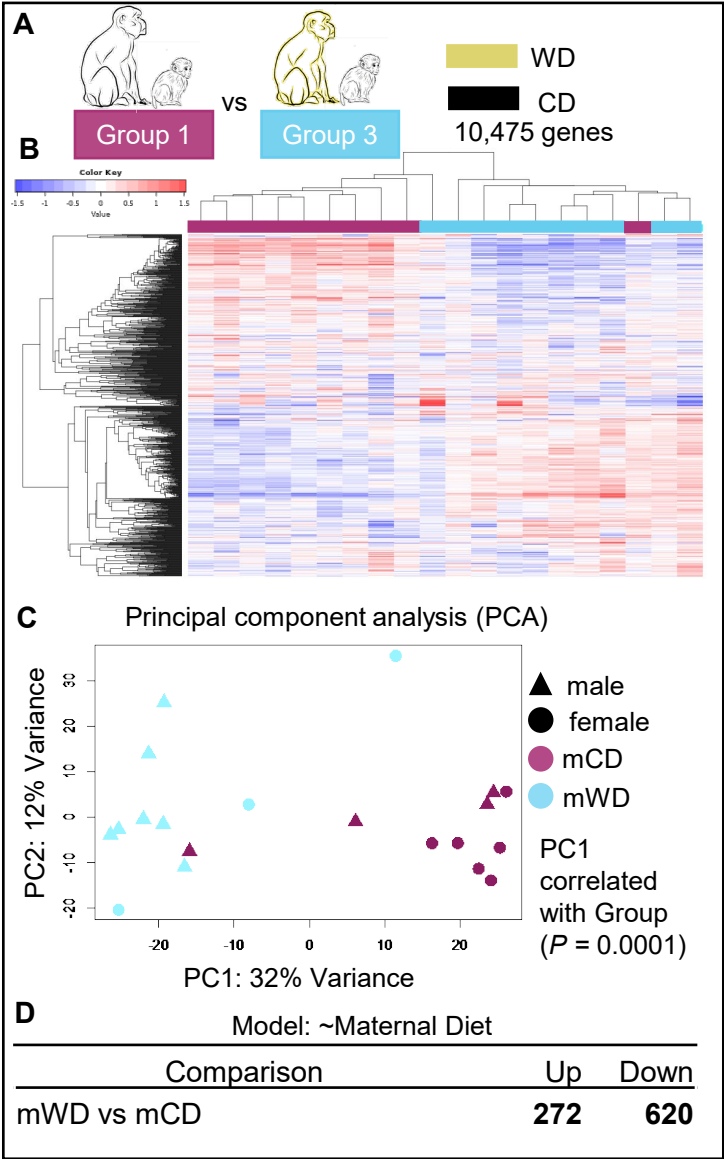


Figure S3. Impact of maternal diet on gene expression



Supplemental Figure S4. Principal component analysis based on cohort year

