

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Gene ontology (GO) biological processes enriched in gene sets with sex and Ogt-mediated expression differences from trophoblast-specific RNAseq.

File Name: Supplementary Data 2

Description: List of genes with significant sex differences in expression which were significantly altered by placental Ogt reduction in females from trophoblastspecific RNA-seq.

File Name: Supplementary Data 3

Description: List of genes with significant sex differences in expression which were significantly altered by placental Ogt reduction in females from hypothalamic RNA-seq.

File Name: Supplementary Data 4

Description: List of genes significantly altered by exposure to prenatal stress in females with placental Ezh2 reduction from hypothalamic RNA-seq.

File Name: Supplementary Data 5

Description: List of hypothalamic genes with coordinated up or down regulation in wt females vs. males/trophoblast Ogt hemizygous and Ezh2 ko control females vs. Ezh2 ko PS females.

File Name: Supplementary Data 6

Description: List of genes, including chromosome location, altered by trophoblast-specific Ogt reduction from trophoblast-specific RNA-seq.