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Abbreviations: DMRs, differentially methylated regions; FA, folic acid; FAD, folic acid supplementation diet; GO, gene ontology; Hcy, homocysteine; HFD, high fat diet; IL-6, interleukin-6; KEGG, Kyoto Encyclopedia of Genes and Genomes; MeDIP-seq, methylated DNA immunoprecipitation sequencing; ND, normal diet; RT-qPCR, real-time quantitative PCR; TNF- α , tumor necrosis factor α ; WAT, white adipose tissue;

Keywords: DNA methylation; Folic acid; High fat diet; Insulin resistance; Obesity

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