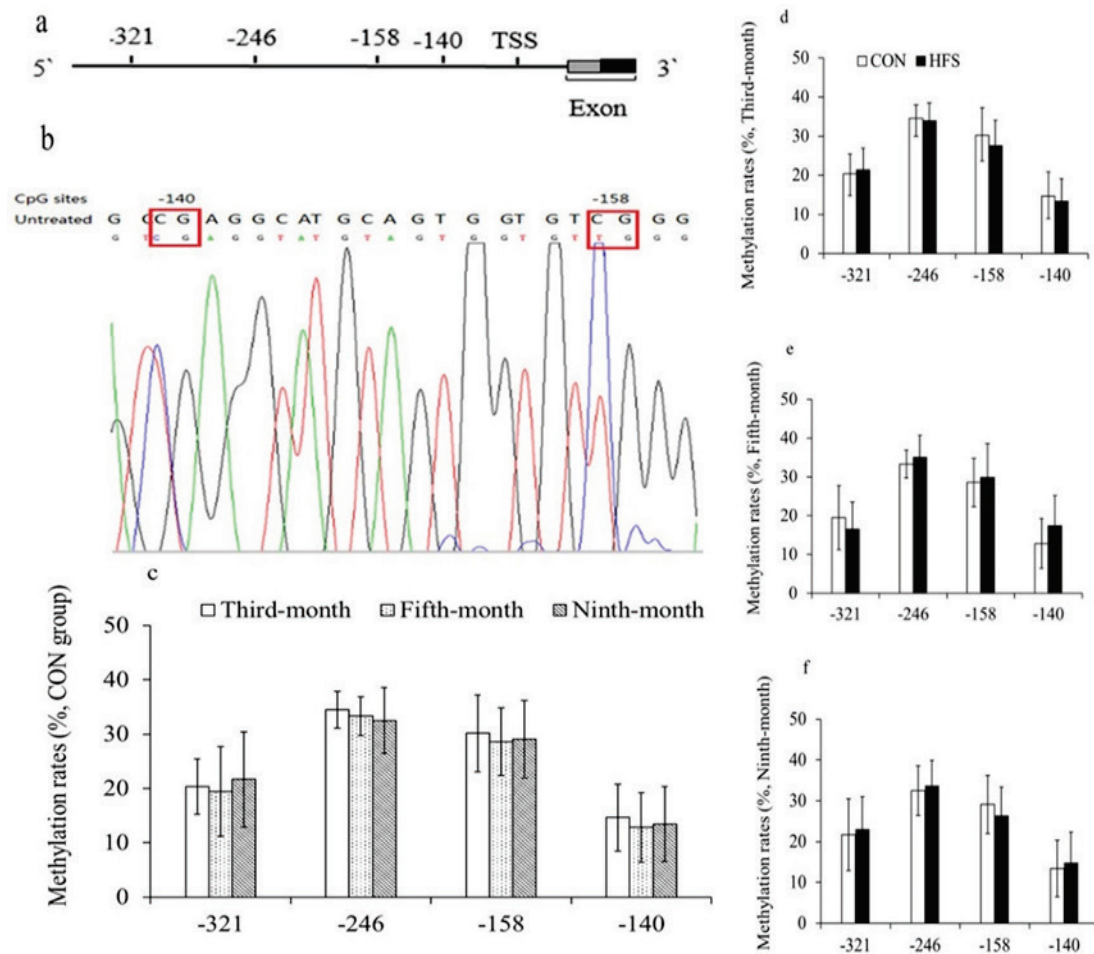




Supplementary Fig. 1. Measurement of *Glut2* promoter methylation rates (%) in liver. **(a)** CpG sites -321 bp, -246 bp, -158 bp and -140 bp in *Glut2* promoter; **(b)** Representational genomic sequencing chromatogram from -140 bp to -158 bp. Upper sequence is the untreated *Glut2* promoter sequence, lower sequence is the sodium bisulphite treated sequence. **(c)** Methylation levels of *Glut2* promoter after three, five and nine months respectively of CON mice. Methylation levels of *Glut2* promoter methylation levels after HFSD treatment for three **(d)**, five **(e)** and nine **(f)** months respectively in liver. Values are presented as mean $\pm$ S.E.M (n=6 per group).