



**FIGURE 3.** Adipose tissue relative mRNA levels of PTP1B, ATF4, GRP94 and BiP. Graphs A to D show relative mRNA levels of the indicated genes in adipose tissue, measured by quantitative real-time PCR and normalized against HPRT mRNA. n=9 for Normal/Overweight group; n=7 for Obese group and n=8 for Obese/Diabetic/Treated group. Data are represented as mean  $\pm$  SEM and analyzed using 1-way ANOVA with post-hoc analysis.