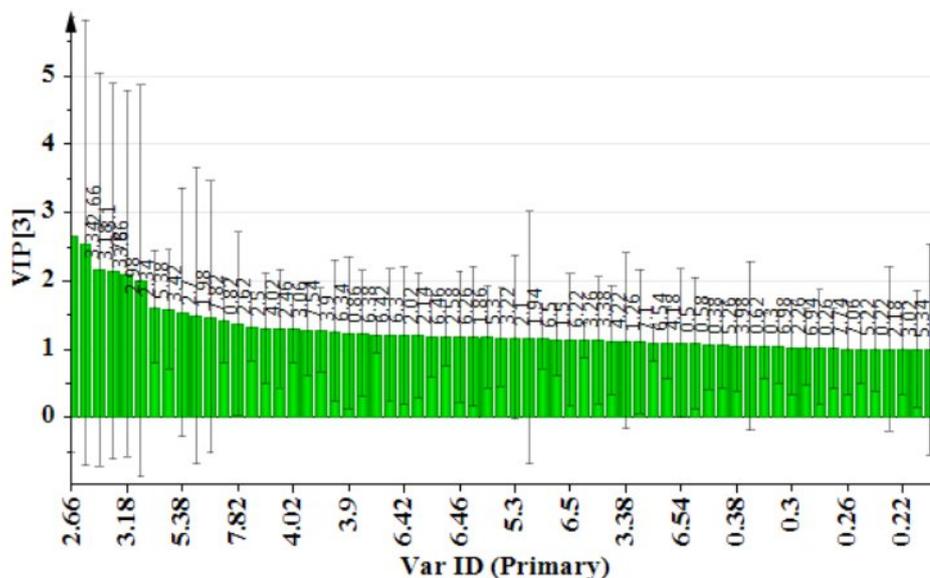
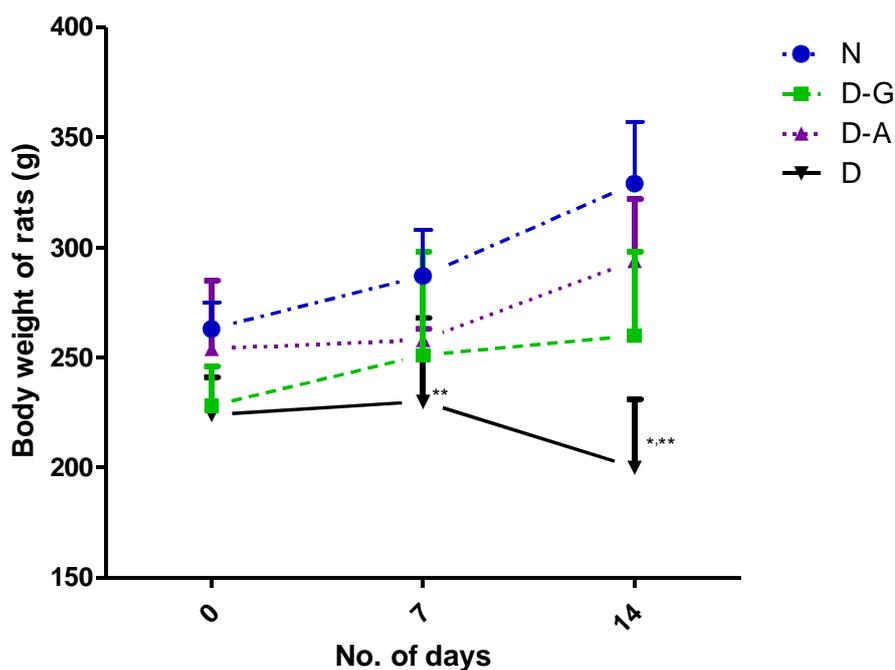


### Additional file



**Figure S1.** VIP score and variable regions of the assigned metabolites



**Figure S2.** Body weight of rats in day 0, day 7 and day 14 of treatment. Data are expressed as mean  $\pm$  S.D.;  $n=5$  rats per group. N= normal rat, D = diabetic rat, D-G= diabetic rat treated with glibenclamide, D-E= diabetic rat treated with OS ethanol extract, D-A= diabetic rat treated with OS water extract. \* $p \leq 0.05$  versus normal control in same day, \*\* $p \leq 0.05$  versus day 0 and other day in same group.