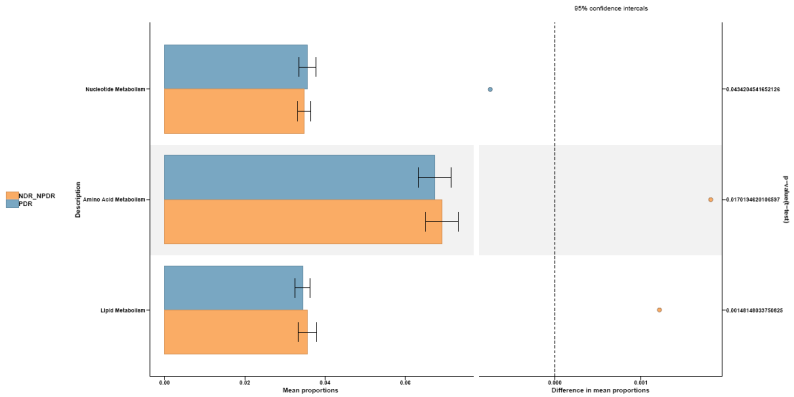


non-PDR

PDR

Fig. S1 The significant altered bacteria at genus level in proliferative diabetic retinopathy (PDR) patients



Nucleotide metabolism

Amino acid metabolism

Lipid metabolism

Difference in mean proportions

Mean proportions

0.02

0.04

0.06

0

0

0.001

95% confidence intervals



non-PDR



PDR

0.043

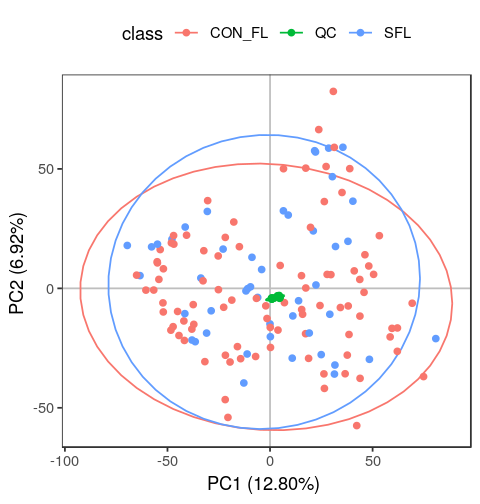
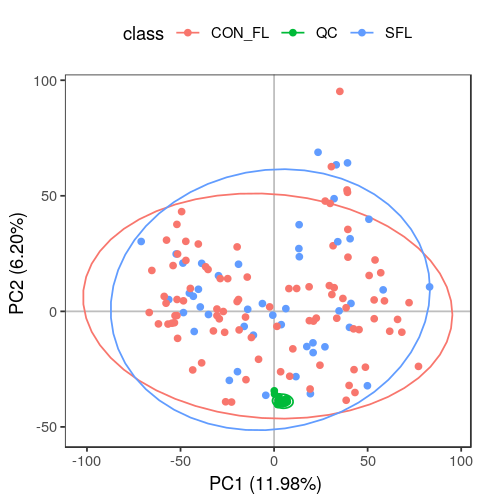
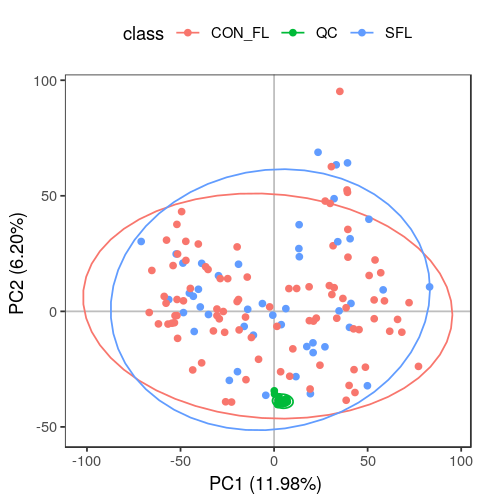
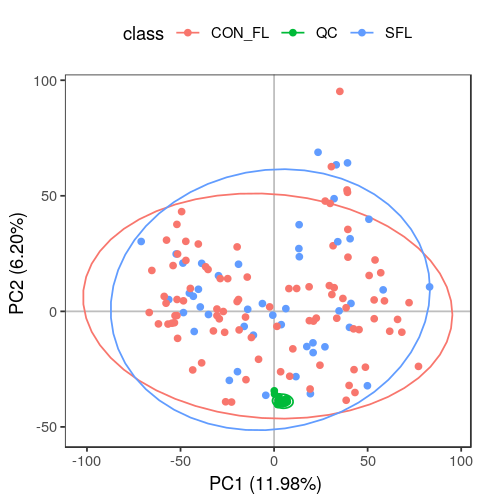
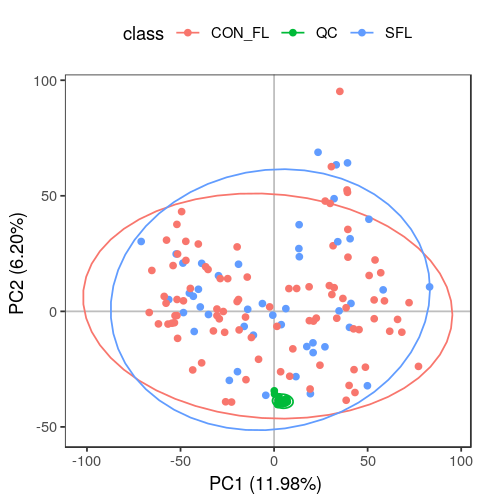
0.017

0.015

P-value



Fig. S2 The enriched pathways of significantly differential expressed metabolites between patients with and without proliferative diabetic retinopathy (PDR).



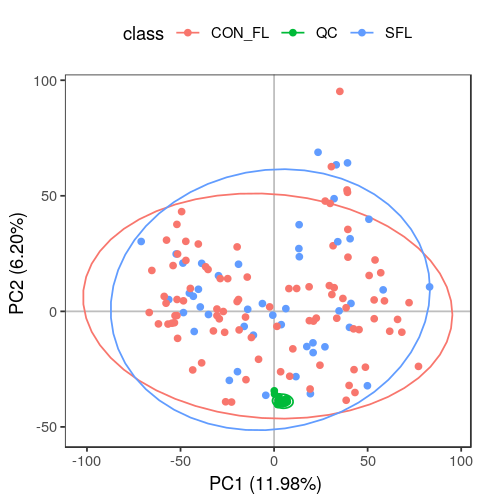
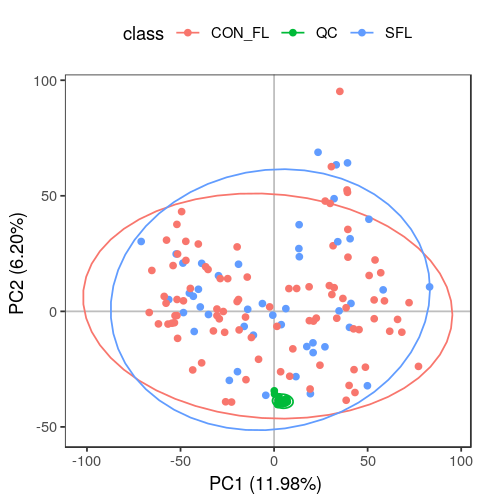
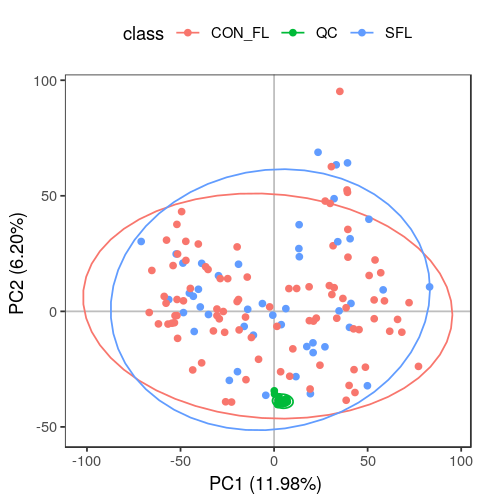
Positive

Negative

PDR

non-PDR

QC



PDR

non-PDR

QC

Fig. S2 Principal component analysis (PCA) score plots of metabolomics data. PDR, proliferative diabetic retinopathy; QC, quality control.