Figure 5. Principal component analysis (PCA) generated from 16S rDNA pyrosequencing bacterial taxa from control diet-fed lean rats and HFS diet-fed rats. (a) PCA revealed grouping of samples as a result of the HFS dietary intervention. (b) Differentially identified bacterial families from faeces samples of control diet-fed lean and HFS diet-fed obese rats. HFS-b, standard diet-fed lean rats (baseline samples); HFS-f, high-fat sucrose diet-fed obese rats (final samples).