

Fig. S1 The protein concentration of all samples

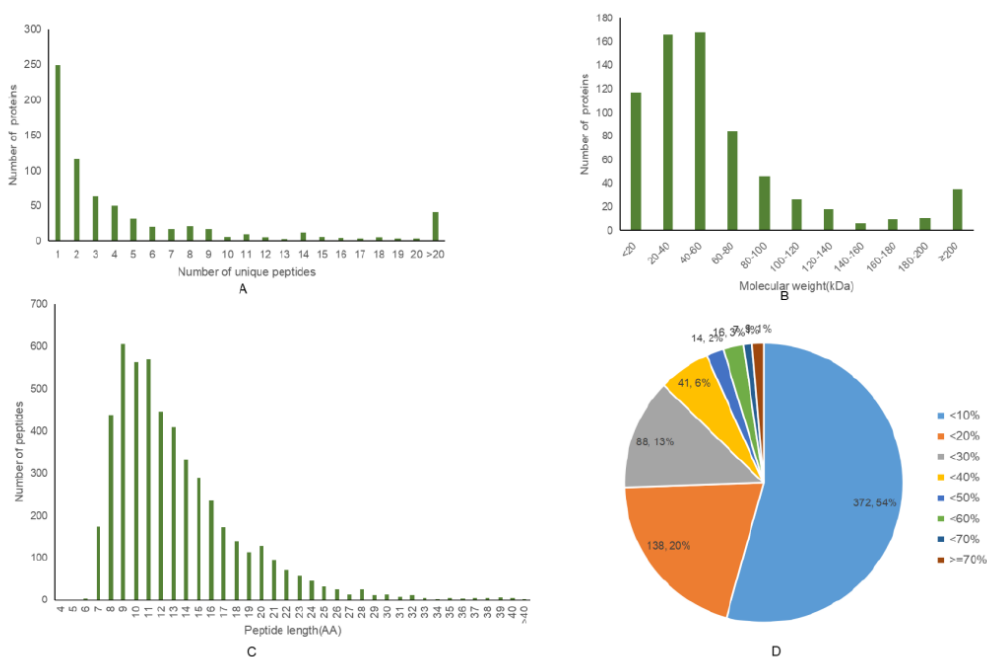


Fig. S2 The summary of proteins and peptides. A. The number of proteins and peptides. B. The distribution of molecular weight. C. The distribution of peptide length. D. The peptide coverage for protein identification.

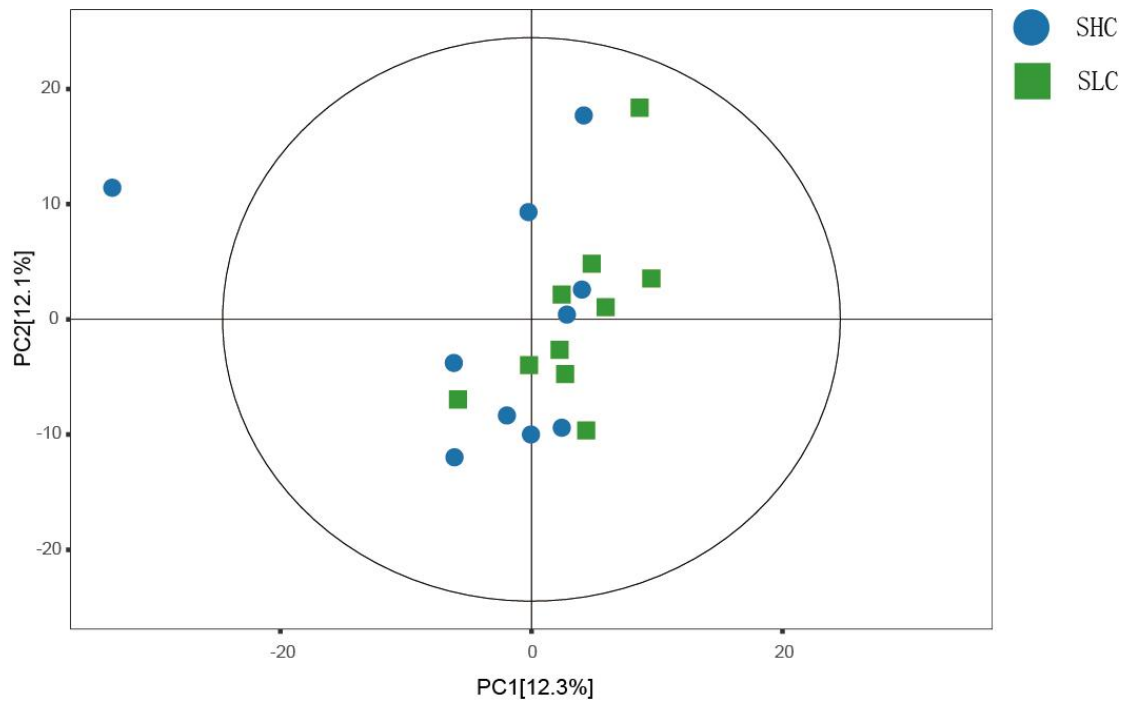


Fig. S3 The PCA model of SHC and SLC groups.

Table S1. Differential proteins as regressors of BMI.

Variables	Accession	VIPpred	p(corr)
IGFBP2	P18065	3.12	-0.23
ANGPTL8	Q6UXH0	2.08	0.15
CFL1	P23528	1.44	-0.10
LYZ	P61626	1.23	-0.09

R2=0.787, Q2=0.093, CV-ANOVA P-value: 0.96