

Plasma Amino Acid Profile in Patients with Aortic Dissection

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Fig.S1 PCA scores plots of samples in different groups. A: CHD group (●) vs. Acute AD group (◆) ($R^2X=81.6\%$, $Q^2=47.9\%$); B: CHD group (●) vs. Chronic AD group (■) ($R^2X=74.4\%$, $Q^2=33.9\%$); C: Acute AD group (◆) vs. Chronic AD group (■) ($R^2X=78.4\%$, $Q^2=55.9\%$).

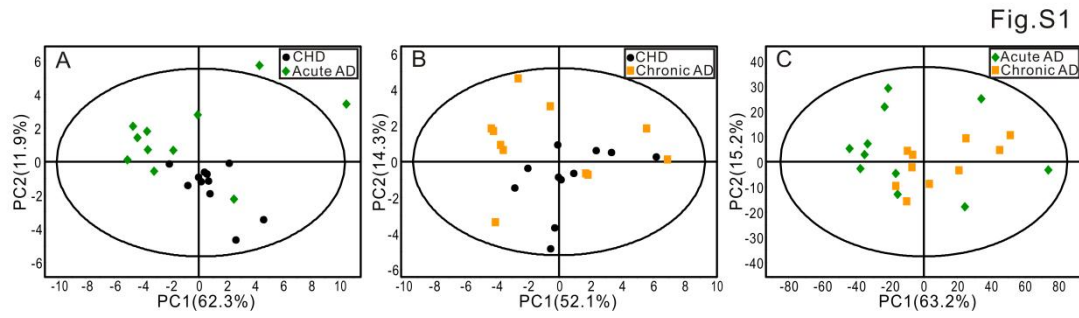


Fig.S2 Permutation test plots (200 permutations) for all the PLS-DA score plots. A: Acute AD vs. CHD. ($R^2=0.0$, 0.747 , $Q^2=0.0$, -0.225); B: Chronic AD vs. CHD ($R^2=0.0$, 0.664 , $Q^2=0.0$, -0.089); C: Acute AD vs. Chronic AD ($R^2=0.0$, 0.409 , $Q^2=0.0$, -0.252).

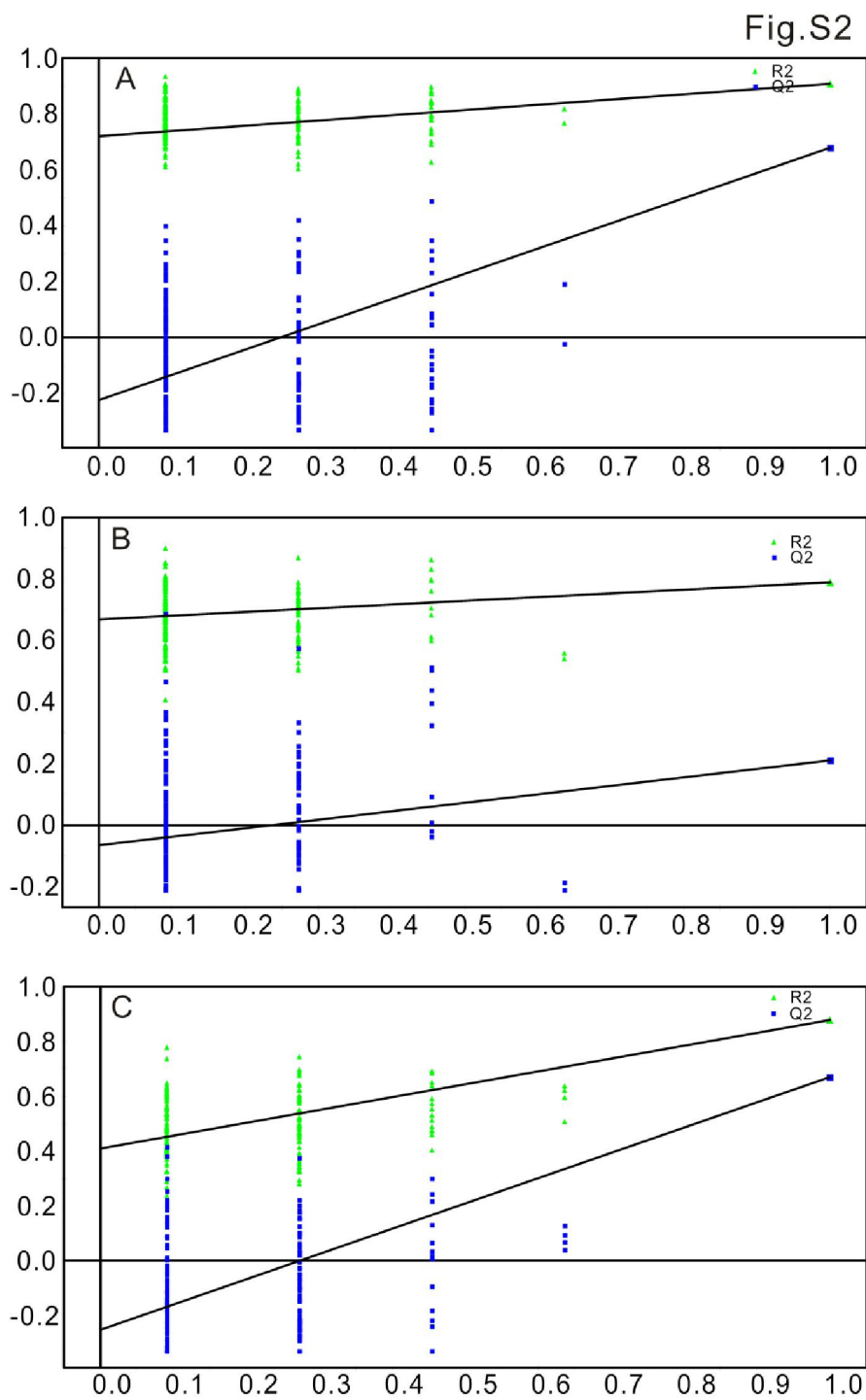


Table S1 Data for quality control samples.

Amino acids	Average	RSD (%)
Arg	47.93	4.91
His	65.73	6.52
Ile	52.70	1.73
Leu	120.92	2.46
Lys	137.10	10.37
Met	16.58	5.36
Phe	49.44	2.84
Thr	110.92	3.23
Trp	35.96	1.82
Val	233.33	1.83
GABA	3.21	10.99
Gly	305.17	5.32
Ser	133.04	4.89
Tau	71.99	9.78
Tyr	43.16	2.97
Aad	0.00	0.00
Asn	42.77	3.71
Asp	3.32	5.34
Cit	36.46	5.83
Glu	97.33	4.29
Gln	504.99	2.15
Orn	83.30	1.94
Cys	16.03	7.57
Cth	0.00	0.00
Hcy	0.00	0.00
Abu	20.65	7.66
Ala	347.66	4.50
Ans	0.00	0.00
bAla	3.83	13.57
bAib	1.18	14.61
Car	0.00	0.00
EtN	8.01	1.48
Hyl	0.00	0.00
Hyp	7.39	7.87
1MHis	6.10	0.31

3MHis	2.45	6.08
PEtN	0.00	0.00
PSer	0.00	0.00
Pro	186.11	8.79
Sar	1.74	9.44
Asa	0.00	0.00
Hcit	0.00	0.00
TOTAL	2796.48	0.43
