

Supplementary

Table S1 Demographic Data of individuals belonging to type A or type B.

Group		Type A	Type B	*P-value
Number of subjects	(male/female)	5/9	4/7	0.973
Age	(year)	50.64±11.882	53.64±8.298	0.485
BMI	(kg/m ²)	24.25±2.748	26.32±2.64	0.069
HR	(beats/min)	76±11.06	80.8±10.08	0.296
SBP	(mmHg)	124.64±17.44	129±24.48	0.608
DBP	(mmHg)	65.71±13.11	68.18±15.56	0.671
FPG	(mmol/L)	4.19±0.52	4.71±1.13	0.178
TC	(mmol/L)	6.21±1.33	6.53±1.78	0.607
TG	(mmol/L)	1.48±0.67	2.07±1.06	0.103
AST	(u/L)	22.36±5.87	21.73±4.54	0.772
ALT	(u/L)	24.07±16.75	20.64±6.33	0.527
BUN	(mmol/L)	5.82±3.661	5.42±0.8	0.727
CR	(μmol/L)	87.64±52.877	71±14.744	0.323
Hb	(mg/L)	139.36±15.95	139.18±12.87	0.977
hr-CRP	(%)	1.93±2.24	1.53±1.29	0.580

BMI-Body mass index, HR-Heart rate, SBP-Systolic blood pressure, DBP-Diastolic blood pressure, FPG-Fasting plasma glucose, TC-Total cholesterol, TG-Total triglyceride, AST-Glutamic oxaloacetic transaminase, ALT-Glutamic-pyruvic transaminase, BUN-Blood urea nitrogen, CR-Creatinine, hr-CRP-Hypersensitive. *P-values were calculated using Student's t-test and Fisher's exact test for continuous and categorical variables, respectively.

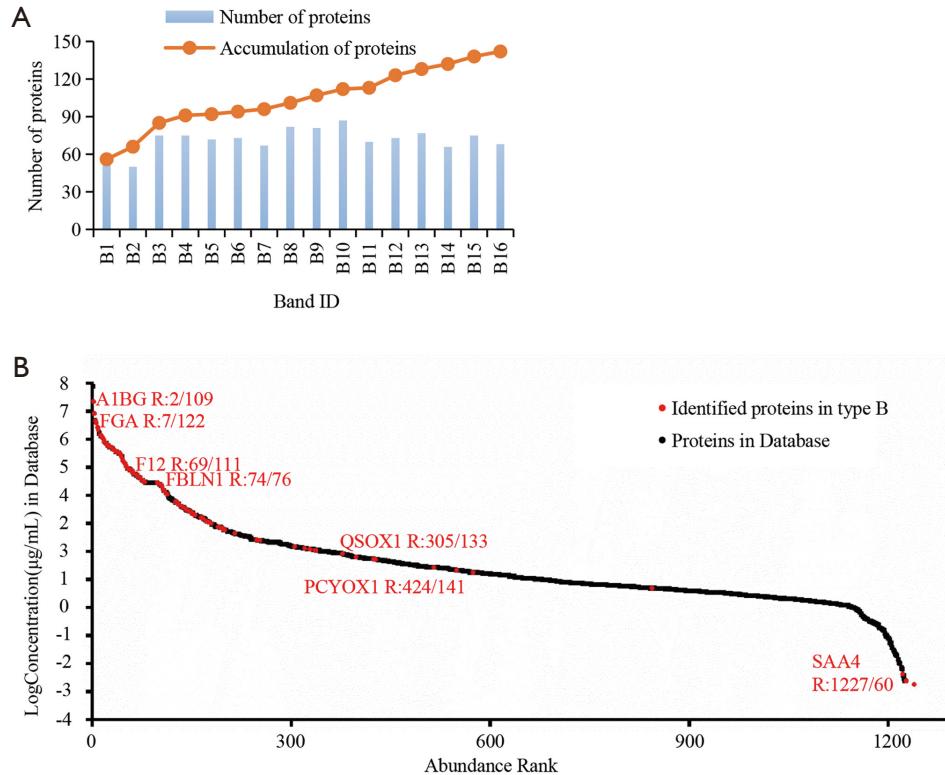


Figure S1 Identified proteins of gel bands in type B. (A) Count of identified proteins number in type B. (B) Abundance and rank of identified proteins in plasma protein database; the rank in identified proteins of type B did not match the rank in the database. “number/number” represents “the rank in database/ the rank among identified proteins”.

Table S2 Information of the protein identified in A1. VTN ranking 15th out of 48 according to the intensity, was the medium abundance protein.

Majority protein IDs	Gene names	Sum of proteins	Peptides	Mol. weight [kDa]	iBAQ intensity of A1	Rank
P01023	A2M	2	66	163.29	86393000	1
P01834	IGKC	1	5	11.609	48734000	2
P00738	HP	1	20	45.205	21848000	3
P01857	IGHG1	1	10	36.105	13842000	4
P0CG05	IGLC2	3	5	11.293	9778800	5
B9A064	IGLL5	2	6	23.063	4266700	6
P01859	IGHG2	1	7	35.9	3143800	7
P06312	IGKV4-1	1	3	13.38	2376000	8
P01861	IGHG4	1	7	35.94	1981900	9
P69905	HBA1	1	9	15.257	1301000	10
P01780	IGLV1-04	7	3	12.943	1213000	11
P01024	C3	2	114	187.15	920810	12
P0C0L5	C4B	1	71	192.75	797290	13
A0A0A0MRZ8	IGKV3D-11	2	3	12.625	555530	14
P04004	VTN	2	7	54.305	505740	15
P01591	IGJ	1	3	18.098	364080	16
A0A0B4J1V0	IGHV3-15	1	3	12.926	278860	17
P01602	IGKV1-5	1	2	12.781	266080	18
P00734	F2	2	8	70.036	235370	19
P02751	FN1	1	56	262.62	219040	20
A0A0B4J1U7	IGHV6-1	1	3	13.481	205340	21
A0A075B6I0	IGLV8-61	1	2	12.814	190320	22
O75636	FCN3	1	7	32.903	157660	23
P01009	SERPINA1	2	32	46.736	155780	24
A0A0C4DH38	IGHV5-51	1	3	12.674	153800	25
P02749	APOH	2	3	38.298	134190	26
P08603	CFH	3	22	139.09	131880	27
P02647	APOA1	2	30	30.777	97973	28
P10909	CLU	1	18	52.494	79190	29
P05155	SERPING1	2	18	55.154	73172	30
P19823	ITIH2	2	34	106.46	69491	31
P01871	IGHM	2	11	49.306	66927	32
P03952	KLKB1	1	13	71.369	65291	33
P07358	C8B	1	13	67.046	60188	34
P05546	SERPIND1	2	19	57.07	58028	35
P02671	FGA	1	6	94.972	50972	36
P06396	GSN	3	29	85.696	49794	37
P02760	AMBP	1	5	38.999	47728	38
P02649	APOE	2	18	36.154	46160	39
Q14624	ITIH4	2	40	103.36	42648	40
P19827	ITIH1	2	30	101.39	31432	41
P09871	C1S	1	11	76.684	24459	42
P01008	SERPINC1	2	6	52.602	21776	43
P01031	C5	2	70	188.3	20816	44
P00747	PLG	4	12	90.568	18712	45
P04114	APOB	2	216	515.6	18466	46
P06727	APOA4	1	14	45.398	3542	47
P02652	APOA2	1	5	11.175	0	48