

Supplementary Materials

Supplementary Figures and Figure Legends

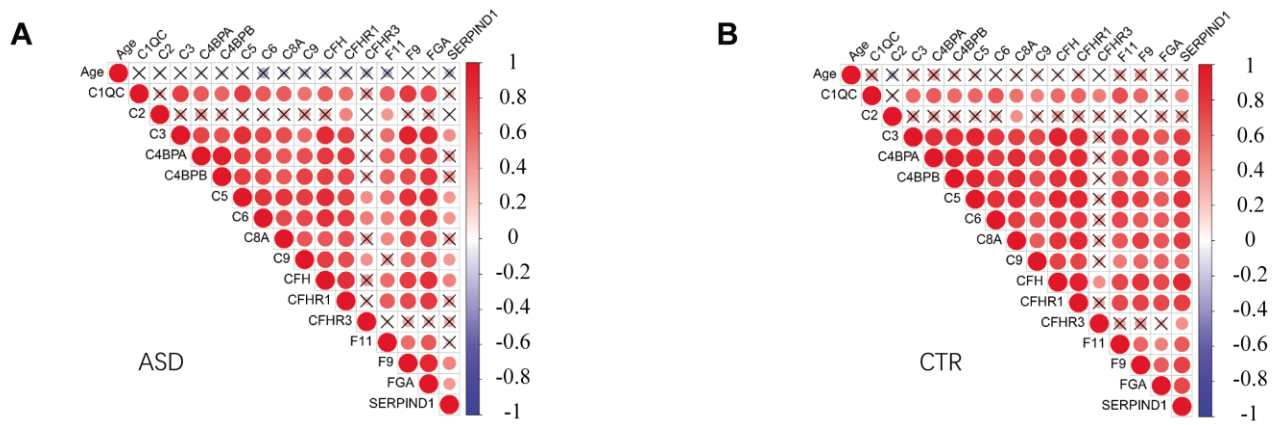


Fig. S1 The correlation between DEPs and age in the ASD group (A) and in the control group (B).

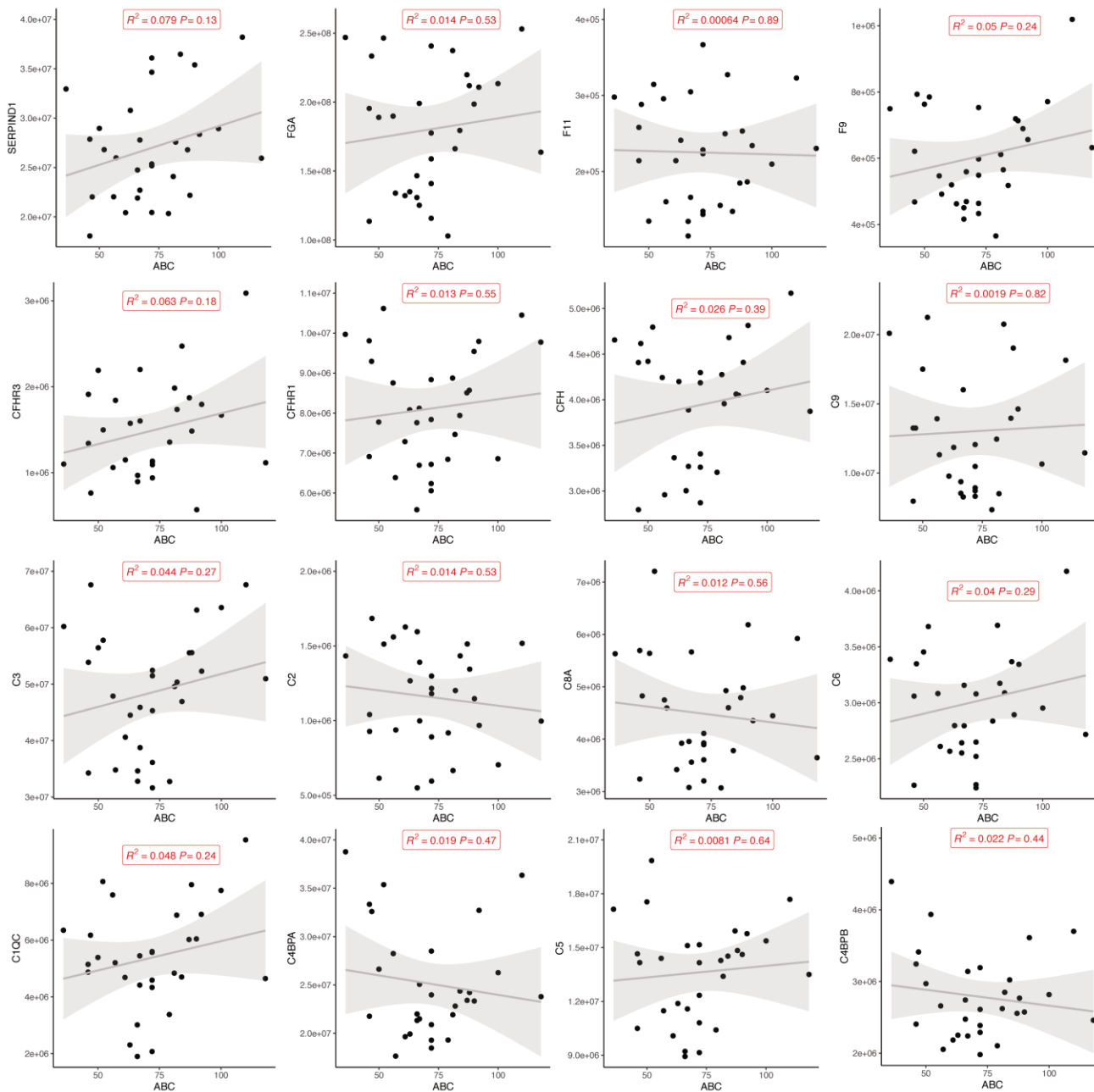


Fig. S2 The correlation between DEPs and ABC diagnostic scores. The y-axis represents the corresponding strength of the mass spectrum.

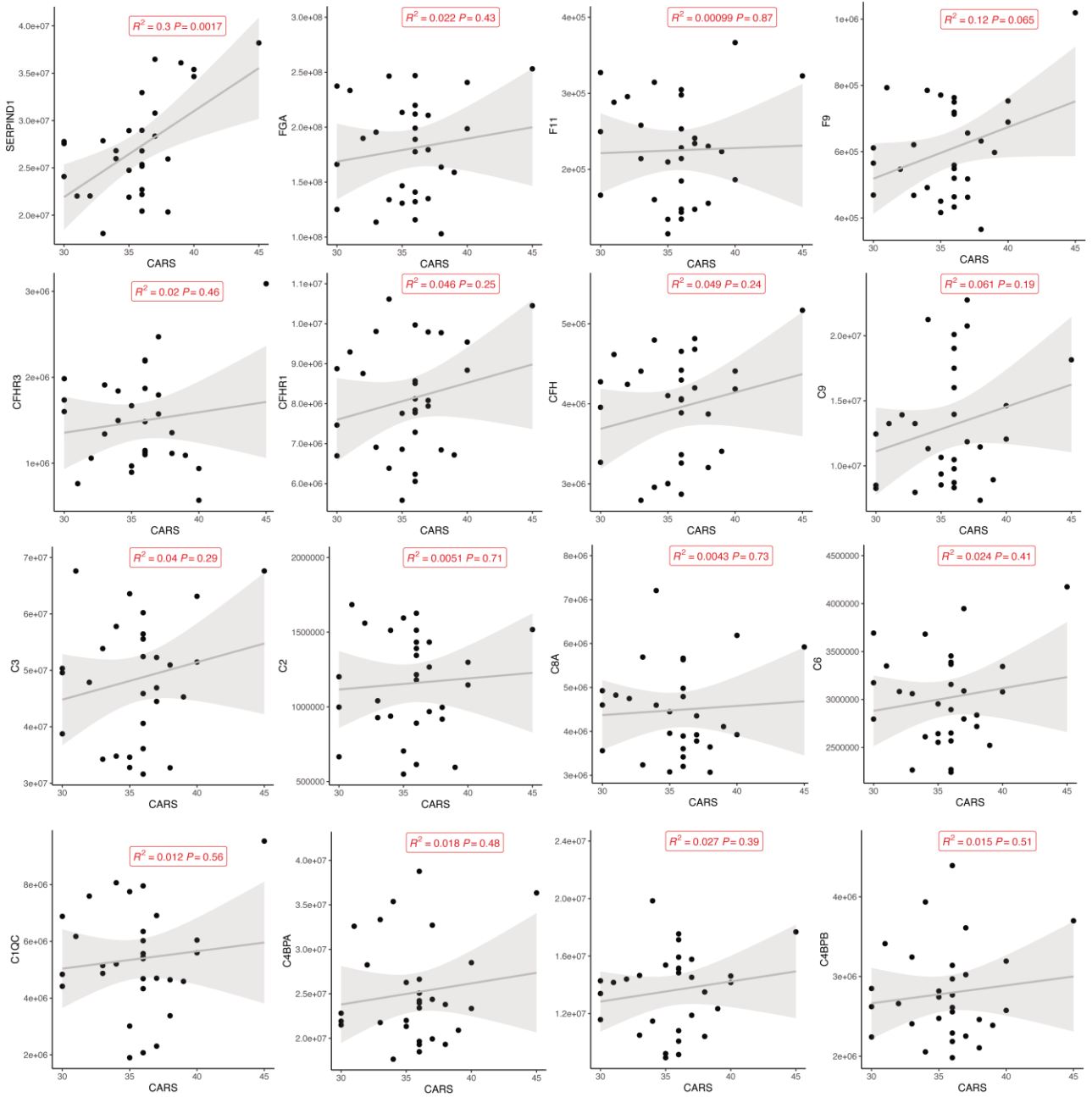


Fig S3 The correlation between DEPs and CARS diagnostic scores. The y-axis represents the corresponding strength of the mass spectrum.

Supplementary Tables

Table S1 The information on ASD patients and healthy controls.

	ASD	CTR	<i>t</i> -test (<i>P</i> -value)
Samples	30 (24 male and 6 female)	30 (24 male and 6 female)	–
Age (months)	38.67 ± 14.10	36.63 ± 10.32	0.5264
BMI	15.06 ± 1.87	15.18 ± 1.20	0.7557
CARS	35.5 ± 3.5	–	–
ABC	71.6 ± 21.3	–	–

Table S2 List of proteins and their specific peptides related to the complement and coagulation pathways through DDA library database and website matching.

See the Excel file.

Table S3 Complement and coagulation pathway protein qualitative information sheet.

No.	Uniprot ID	Protein name	Gene name
1	P04003	C4b-binding protein alpha chain	<i>C4BPA</i>
2	P20851	C4b-binding protein beta chain	<i>C4BPB</i>

3	P10909	Clusterin	<i>CLU</i>
4	P00740	Coagulation factor IX	<i>F9</i>
5	P00742	Coagulation factor X	<i>F10</i>
6	P03951	Coagulation factor XI	<i>F11</i>
7	P00748	Coagulation factor XII	<i>F12</i>
8	P00488	Coagulation factor XIII A chain	<i>F13A1</i>
9	P05160	Coagulation factor XIII B chain	<i>F13B</i>
10	P02745	Complement C1q subcomponent subunit A	<i>C1QA</i>
11	P02747	Complement C1q subcomponent subunit C	<i>C1QC</i>
12	Q9NZP8	Complement C1r subcomponent-like protein	<i>C1RL</i>
13	P09871	Complement C1s subcomponent	<i>C1S</i>
14	P0C0L4	Complement C4-A	<i>C4A</i>
15	P06681	Complement component C2	<i>C2</i>
16	P01024	Complement component C3	<i>C3</i>
17	P01031	Complement component C5	<i>C5</i>
18	P13671	Complement component C6	<i>C6</i>
19	P10643	Complement component C7	<i>C7</i>
20	P07357	Complement component C8 alpha chain	<i>C8A</i>
21	P07358	Complement component C8 beta chain	<i>C8B</i>
22	P07360	Complement component C8 gamma chain	<i>C8G</i>
23	P02748	Complement component C9	<i>C9</i>
24	P00746	Complement factor D	<i>CFD</i>
25	P08603	Complement factor H	<i>CFH</i>
26	Q03591	Complement factor H-related protein 1	<i>CFHR1</i>
27	Q02985	Complement factor H-related protein 3	<i>CFHR3</i>

28	P20023	Complement receptor type 2	<i>CR2</i>
29	P02671	Fibrinogen alpha chain	<i>FGA</i>
30	P05546	Heparin cofactor 2	<i>SERPIND1</i>
31	P11226	Mannose-binding protein C	<i>MBL2</i>
32	P05154	Plasma serine protease inhibitor	<i>SERPINA5</i>
33	P00747	Plasminogen	<i>PLG</i>

Table S4 Quantitative analysis list of 33 complement and coagulation pathway-related proteins (corresponding intensity of MRM analysis).

See the Excel file.

Table S5 The pathways in which DEPs are involved, based on GO analysis by OMICSBEAN.

See the Excel file.