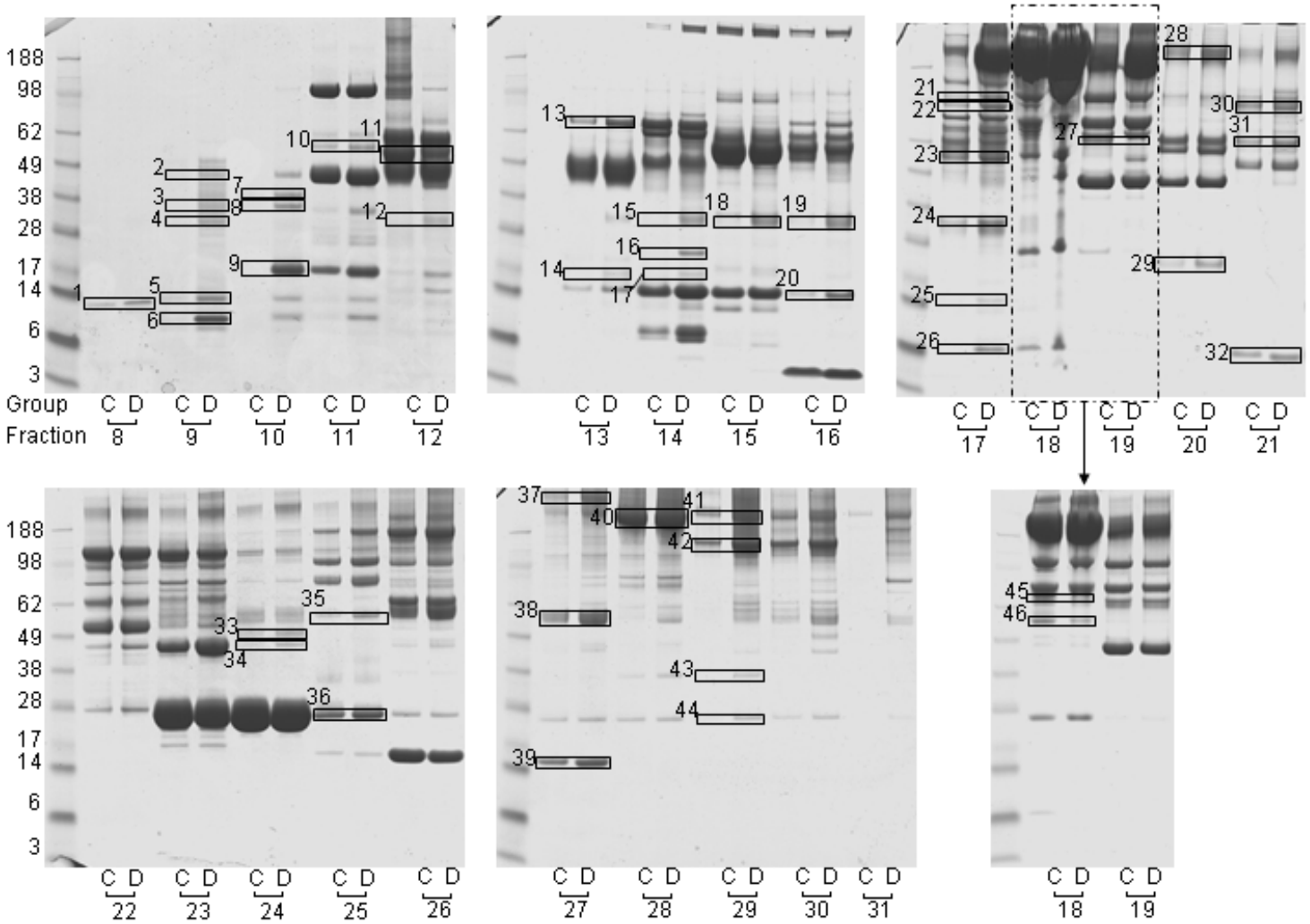
Supplement Table 1. Major proteins identified in immunodepleted plasma HPLC-fractions in 7 CKD stage 5 patients and in 7 matched controls without renal dysfunction. Acc. No refers to the Swiss-prot/trEMBL database. Molecular weight (Mw) values are as calculated for the unprocessed precursor. Coverage gives the proportion of the entire protein in the peptides matched. Mowse score is a quality score derived from the database search on the MALDI MS peptide mass fingerprinting.

Band (cf Fig 2)	**Protein**	**Acc. No**	**Mw (kDa)**	**Coverage (%)**	**Peptides matched**	**Mowse score**
1	Complement factor H	*P08603*	139.1	44.6	49	1.64E+30
2	Histidine-rich glycoprotein	*P04196*	59.6	44.0	23	1.86E+13
3	Serum albumin	*P02768*	69.4	60.6	33	9.85E+18
4	-2-glycoprotein	*P02749*	38.3	45.8	15	1.19E+11
5	Plasma retinol-binding protein	*P02753*	23.0	59.2	11	133104
6	-1 acid glycoprotein 1	*P02763*	23.5	37.8	7	27391
7	Plasminogen	*P00747*	90.6	42.5	30	6.41E+19
8	-2-HS-glycoprotein (AHSG)	*P02765*	39.3	23.2	8	329184
9	Hemopexin	*P02790*	51.7	38.3	15	3.58E+07
10	Transthyretin	*P02766*	15.9	57.8	9	255741
11	Apolipoprotein C1	*P02654*	9.3	26.5	5	1014
12	Vitamin D binding protein	*P02774*	53.0	55.1	20	4.43E+12
13,21	Complement C3	*P01024*	187.1	37.7	53	1.58E+27
14	Antithrombin III	*P01008*	52.6	46.6	26	4.74E+13
15	Apolipoprotein A-IV	*P06727*	45.4	57.3	25	2.1E+14
16	Plasma protease C1 inhibitor	*P05155*	55.2	24.4	12	240674
17	Apolipoprotein A1	*P02647*	30.8	64.4	19	1.45 E+9
18	Complement C4-A	*P0C0L4*	192.8	19.6	29	8.54E+14
19	-1 antichymotrypsin	*P01011*	47.7	48.7	19	1.03E+9
20	-2 macroglobulin	*P01023*	163.3	12.5	17	3.24E+09
22	Fibrinogen chain	*P02675*	55.9	37.7	16	8.65E+10

Supplement Fig. 1. SDS-PAGE gel image from pooled plasma of patients (D) and control individuals (C). Bands identified in Supplement Table 1 are boxed.

Supplement Fig. 1.