

## Supplementary Information

### **MALDI mass spectrometry-based profiling as a step forward in the characterization of peritoneal dialysis effluent.**

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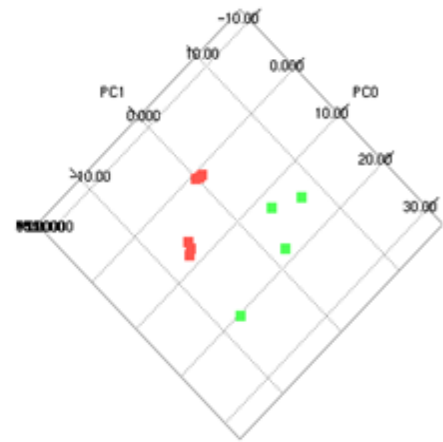
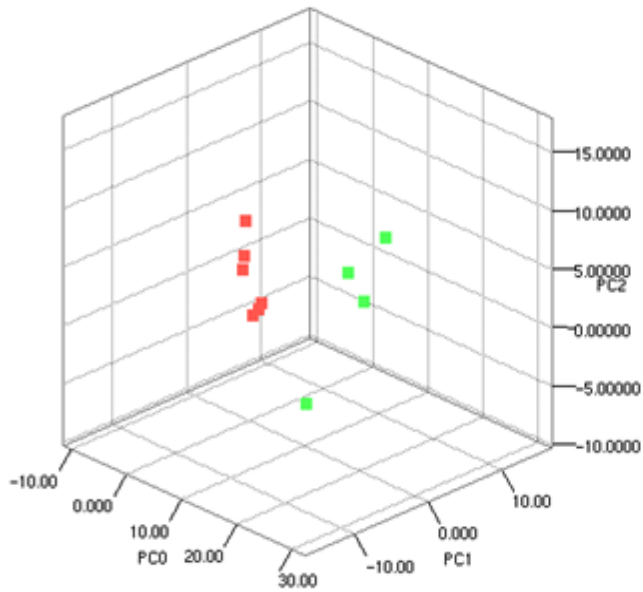
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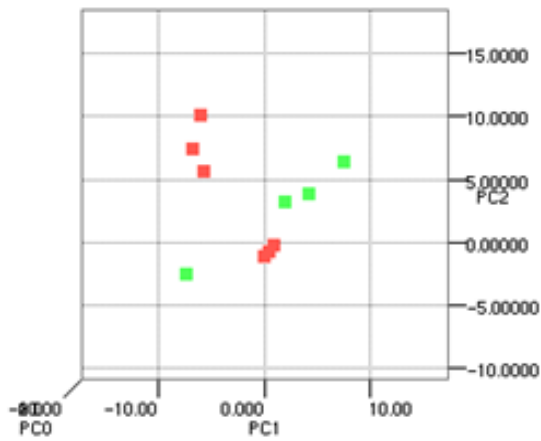
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# Supplementary Information 1

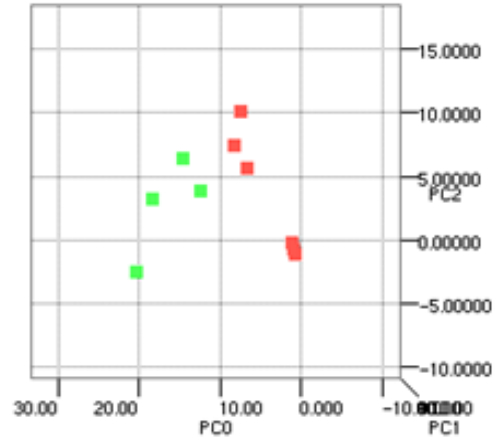


Top View

■ GNC     ■ Diabetic Nephropathy



Right View



Left View

**Figure S11.** Mass-Up 3D Principal component analysis (PCA), with each group of different diseases.

**Supplementary Information 2**



**Figure S12-** Hierarchical clustering analysis of spectra obtained by Mass-UP for the depletion with DTT.

**Table S11-** Clinical information about the patients tested on this study. Kt/V is dialysis efficiency; D/P creatinine is the dialysat -to-plasma ratio of creatinine; Ca125 is the cancer antigen 125 and eGFR is the estimated glomerular filtration rate.

Patient	Lab. Reference	Age	Gender	Time in PD (months/years)	Classification	Transport rate	Kt/V	4-hours D/P creatinine	Serum Albumin (g/dL)	Ca 125 (kU/L)	eGFR (mL/min)
P01	(01.14.027.1)	76	M	(35/2.9)	Diabetic Nephropathy	Low Average	2.74	0.74	3.3	15.7	14.17
P02	(01.24.029.1)	63	F	(27/2.28)	Diabetic Nephropathy	High Average	1.99	0.82	3.6	21.8	0.21
P03	(11.27.013.1)	71	F	(10/0.83)	Diabetic Nephropathy	High Average	2.52	0.68	3.8	2.1	0
P04	(12.03.014.1)	65	M	(25/2.04)	Diabetic Nephropathy	High Average	1.76	0.7	3.5	9.3	0.56
P05	(12.10.018.1)	79	M	(16/1.34)	Diabetic Nephropathy	High Average	3.76	0.71	3.9	44.4	18.54
P06	(12.13.020.1)	62	F	(1/0.12)	Diabetic Nephropathy	-	3.34	0.63	-	-	-
P07	(01.13.026.1)	65	F	(22/1.86)	GNC	High Average	2.26	0.71	3.7	6.1	10.34
P08	(11.01.006.1)	34	M	(11/0.89)	GNC	Low	2.9	0.46	4.2	8.1	13.78
P09	(12.12.019.1)	74	M	(12/0.97)	GNC	High Average	1.75	0.69	4.1	6.7	4.75
P10	(12.18.021.1)	67	M	(76/6.33)	GNC	High	1.23	0.84	2.9	4	0

**Table SI2-** Identification of the proteins obtained by depletion with DTT.

Spot #	Title	Pos on Scout	Mascot Score	MS Coverage	No. Id. Peptides	Protein MW	pI-Value	Accession
1	Zinc-alpha-2-glycoprotein OS=Homo sapiens GN=AZGP1 PE=1 SV=2	A1	172	38	15	34465	5.70	ZA2G_HUMAN
2	Zinc-alpha-2-glycoprotein OS=Homo sapiens GN=AZGP1 PE=1 SV=2	A2	185	50	17	34465	5.70	ZA2G_HUMAN
3	Haptoglobin OS=Homo sapiens GN=HP PE=1 SV=1	B1	87	24	11	45861	6.10	HPT_HUMAN
4	Zinc-alpha-2-glycoprotein OS=Homo sapiens GN=AZGP1 PE=1 SV=2	B3	184	53	19	34465	5.70	ZA2G_HUMAN
5	Zinc-alpha-2-glycoprotein OS=Homo sapiens GN=AZGP1 PE=1 SV=2	C1	234	57	24	34465	5.70	ZA2G_HUMAN
6	Haptoglobin OS=Homo sapiens GN=HP PE=1 SV=1	C2	100	24	11	45861	6.10	HPT_HUMAN
7	Zinc-alpha-2-glycoprotein OS=Homo sapiens GN=AZGP1 PE=1 SV=2	A4	129	38	11	34465	5.70	ZA2G_HUMAN
8	Zinc-alpha-2-glycoprotein OS=Homo sapiens GN=AZGP1 PE=1 SV=2	A5	80	32	10	34465	5.70	ZA2G_HUMAN
9	Apolipoprotein A-IV OS=Homo sapiens GN=APOA4 PE=1 SV=3	A6	116	45	19	45371	5.20	APOA4_HUMAN
10	Apolipoprotein A-IV OS=Homo sapiens GN=APOA4 PE=1 SV=3	B4	134	42	16	45371	5.20	APOA4_HUMAN
11	Apolipoprotein A-IV OS=Homo sapiens GN=APOA4 PE=1 SV=3	B6	313	59	28	45371	5.20	APOA4_HUMAN
12	Apolipoprotein A-IV OS=Homo sapiens GN=APOA4 PE=1 SV=3	C4	181	45	18	45371	5.20	APOA4_HUMAN
13	Desmoplakin OS=Homo sapiens GN=DSP PE=1 SV=3	C6	102	15	44	334021	6.40	DESP_HUMAN
14	Haptoglobin OS=Homo sapiens GN=HP PE=1 SV=1	A7	150	29	15	45861	6.10	HPT_HUMAN
15	Haptoglobin OS=Homo sapiens GN=HP PE=1 SV=1	A8	121	27	12	45861	6.10	HPT_HUMAN
16	Fibrinogen gamma chain OS=Homo sapiens GN=FGG PE=1 SV=3	C8	142	33	11	52106	5.30	FIBG_HUMAN
17	Fibrinogen gamma chain OS=Homo sapiens GN=FGG PE=1 SV=3	C9	172	38	13	52106	5.30	FIBG_HUMAN
18	Keratin, type II cytoskeletal 1 OS=Homo sapiens GN=KRT1 PE=1 SV=6	A10	143	43	20	66170	8.80	K2C1_HUMAN
19	Keratin, type II cytoskeletal 1 OS=Homo sapiens GN=KRT1 PE=1 SV=6	A11	149	45	22	66170	8.80	K2C1_HUMAN
20	Pigment epithelium-derived factor OS=Homo sapiens GN=SERPINF1 PE=1 SV=4	A12	203	48	17	46454	6.00	PEDF_HUMAN

21	Pigmente pithelium-derived factor OS=Homo sapiens GN=SERPINF1 PE=1 SV=4	B10	148	40	15	46454	6.00	PEDF_HUMAN
22	Fibrinogen beta chain OS=Homo sapiens GN=FGB PE=1 SV=2	B12	198	40	23	56577	9.30	FIBB_HUMAN
23	Fibrinogen beta chain OS=Homo sapiens GN=FGB PE=1 SV=2	C10	144	35	20	56577	9.30	FIBB_HUMAN
24	Protein AMBP OS=Homo sapiens GN=AMBP PE=1 SV=1	C11	81	29	10	39886	5.90	AMBP_HUMAN
25	Keratin, type II cytoskeletal 1 OS=Homo sapiens GN=KRT1 PE=1 SV=6	A13	109	33	15	66170	8.80	K2C1_HUMAN
	Keratin, type I cytoskeletal 16 OS=Homo sapiens GN=KRT16 PE=1 SV=4		105	33	14	51578	4.84	K1C16_HUMAN
27	Apolipoprotein A-I OS=Homo sapiens GN=APOA1 PE=1 SV=1	B15	186	51	17	30759	5.50	APOA1_HUMAN
28	Tetratricopeptide repeat protein 40 OS=Homo sapiens GN=TTC40 PE=2 SV=3	C13	67	7	19	306786	7.20	TTC40_HUMAN
29	Apolipoprotein A-I OS=Homo sapiens GN=APOA1 PE=1 SV=1	C13	165	47	17	30759	5.50	APOA1_HUMAN
30	Tetratricopeptide repeat protein 40 OS=Homo sapiens GN=TTC40 PE=2 SV=3	C14	112	11	28	306786	7.20	TTC40_HUMAN
31	Apolipoprotein A-I OS=Homo sapiens GN=APOA1 PE=1 SV=1	C14	157	57	19	30759	5.50	APOA1_HUMAN
32	Apolipoprotein A-I OS=Homo sapiens GN=APOA1 PE=1 SV=1	C15	136	54	18	30759	5.50	APOA1_HUMAN
33	Keratin, type II cytoskeletal 1 OS=Homo sapiens GN=KRT1 PE=1 SV=6	A16	140	36	16	66170	8.80	K2C1_HUMAN
34	Keratin, type II cytoskeletal 1 OS=Homo sapiens GN=KRT1 PE=1 SV=6	A17	126	36	16	66170	8.80	K2C1_HUMAN
	Haptoglobin OS=Homo sapiens GN=HP PE=1 SV=1	B18	94	20	7	45861	6.10	HPT_HUMAN
	Haptoglobin-relatedprotein OS=Homo sapiens GN=HPR PE=1 SV=2		60	12	5	39518	6.72	HPTR_HUMAN
37	Apolipoprotein A-I OS=Homo sapiens GN=APOA1 PE=1 SV=1	C17	121	45	12	30759	5.50	APOA1_HUMAN
38	Apolipoprotein A-I OS=Homo sapiens GN=APOA1 PE=1 SV=1	C18	115	46	13	30759	5.50	APOA1_HUMAN
39	Keratin, type II cytoskeletal 1 OS=Homo sapiens GN=KRT1 PE=1 SV=6	A19	118	34	16	66170	8.80	K2C1_HUMAN
40	Keratin, type II cytoskeletal 1 OS=Homo sapiens GN=KRT1 PE=1 SV=6	A20	123	32	15	66170	8.80	K2C1_HUMAN
41	Uncharacterized protein C3orf17 OS=Homo sapiens GN=C3orf17 PE=1 SV=3	A21	90	24	10	65366	10.60	CC017_HUMAN
42	Inositol 1,4,5-trisphosphate receptor type 3 OS=Homo sapiens GN=ITPR3 PE=1 SV=2	C21	99	10	23	306820	6.00	ITPR3_HUMAN
	Transcription factor RelB OS=Homo sapiens GN=RELB PE=1 SV=2	A22	70	17	7	62837	5.80	RELB_HUMAN
	Serum amyloid P-component OS=Homo sapiens GN=APCS PE=1 SV=2		57	23	5	25485	6.12	SAMP_HUMAN
45	Ig lambda-6 chain C region OS=Homo sapiens GN=IGLC6 PE=4 SV=1	C22	70	65	4	11441	7.70	LAC6_HUMAN

46	Ig kappa chain C region OS=Homo sapiens GN=IGKC PE=1 SV=1	C23	67	66	4	11773	5.50	IGKC_HUMAN
47	Ig kappa chain C region OS=Homo sapiens GN=IGKC PE=1 SV=1	C24	74	66	4	11773	5.50	IGKC_HUMAN
48	Ig lambda-6 chain C region OS=Homo sapiens GN=IGLC6 PE=4 SV=1	D1	59	65	4	11441	7.70	LAC6_HUMAN
49	Ig kappa chain C region OS=Homo sapiens GN=IGKC PE=1 SV=1	D3	70	66	4	11773	5.50	IGKC_HUMAN
50	Ig kappa chain C region OS=Homo sapiens GN=IGKC PE=1 SV=1	E1	61	66	4	11773	5.50	IGKC_HUMAN
51	Ig lambda-6 chain C region OS=Homo sapiens GN=IGLC6 PE=4 SV=1	E3	70	65	4	11441	7.70	LAC6_HUMAN
52	Ig lambda-6 chain C region OS=Homo sapiens GN=IGLC6 PE=4 SV=1	F3	74	65	4	11441	7.70	LAC6_HUMAN
53	Ig kappa chain C region OS=Homo sapiens GN=IGKC PE=1 SV=1	D4	70	66	4	11773	5.50	IGKC_HUMAN
54	Ig lambda-6 chain C region OS=Homo sapiens GN=IGLC6 PE=4 SV=1	D6	74	65	4	11441	7.70	LAC6_HUMAN
55	Ig lambda-6 chain C region OS=Homo sapiens GN=IGLC6 PE=4 SV=1	F5	72	65	4	11441	7.70	LAC6_HUMAN
56	Ig lambda-6 chain C region OS=Homo sapiens GN=IGLC6 PE=4 SV=1	F6	74	65	4	11441	7.70	LAC6_HUMAN
57	Ig kappa chain C region OS=Homo sapiens GN=IGKC PE=1 SV=1	D7	66	66	4	11773	5.50	IGKC_HUMAN
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59	Ig kappa chain C region OS=Homo sapiens GN=IGKC PE=1 SV=1	E7	73	80	5	11773	5.50	IGKC_HUMAN
	Ig gamma-1 chain C region OS=Homo sapiens GN=IGHG1 PE=1 SV=1	E9	120	60	15	36596	9.40	IGHG1_HUMAN
	Ig gamma-2 chain C region OS=Homo sapiens GN=IGHG2 PE=1 SV=2		95	41	14	36505	8.80	IGHG2_HUMAN
62	Ig gamma-1 chain C region OS=Homo sapiens GN=IGHG1 PE=1 SV=1	F7	110	52	14	36596	9.40	IGHG1_HUMAN
63	Serotransferrin OS=Homo sapiens GN=TF PE=1 SV=3	F8	226	35	28	79294	7.00	TRFE_HUMAN
64	Serotransferrin OS=Homo sapiens GN=TF PE=1 SV=3	F9	180	35	25	79294	7.00	TRFE_HUMAN
65	Myosin-7B OS=Homo sapiens GN=MYH7B PE=1 SV=3	D10	127	15	26	222392	5.70	MYH7B_HUMAN
66	Ig gamma-1 chain C region OS=Homo sapiens GN=IGHG1 PE=1 SV=1	D11	78	42	10	36596	9.40	IGHG1_HUMAN
67	Zinc-alpha-2-glycoprotein OS=Homo sapiens GN=AZGP1 PE=1 SV=2	F12	102	29	10	34465	5.70	ZA2G_HUMAN
68	Antithrombin-III OS=Homo sapiens GN=SERPINC1 PE=1 SV=1	D13	226	50	24	53025	6.30	ANT3_HUMAN
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70	Alpha-1-antitrypsin OS=Homo sapiens GN=SERPINA1 PE=1 SV=3	D15	212	52	22	46878	5.30	A1AT_HUMAN



71	Alpha-1-antitrypsin OS=Homo sapiens GN=SERPINA1 PE=1 SV=3	E13	222	56	25	46878	5.30	A1AT_HUMAN
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73	Alpha-1-antitrypsin OS=Homo sapiens GN=SERPINA1 PE=1 SV=3	F13	198	54	24	46878	5.30	A1AT_HUMAN
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82	Alpha-1-antitrypsin OS=Homo sapiens GN=SERPINA1 PE=1 SV=3	F16	198	46	20	46878	5.30	A1AT_HUMAN
83	Serum albumin OS=Homo sapiens GN=ALB PE=1 SV=2	D19	156	34	18	71317	5.90	ALBU_HUMAN
84	Serum albumin OS=Homo sapiens GN=ALB PE=1 SV=2	D20	178	36	18	71317	5.90	ALBU_HUMAN
85	Alpha-1-antitrypsin OS=Homo sapiens GN=SERPINA1 PE=1 SV=3	D21	114	26	10	46878	5.30	A1AT_HUMAN
86	Alpha-1-antitrypsin OS=Homo sapiens GN=SERPINA1 PE=1 SV=3	E19	124	32	11	46878	5.30	A1AT_HUMAN
87	Alpha-1-antitrypsin OS=Homo sapiens GN=SERPINA1 PE=1 SV=3	E21	136	29	11	46878	5.30	A1AT_HUMAN
88	Alpha-1-antitrypsin OS=Homo sapiens GN=SERPINA1 PE=1 SV=3	F19	93	24	8	46878	5.30	A1AT_HUMAN
89	Alpha-1B-glycoprotein OS=Homo sapiens GN=A1BG PE=1 SV=4	D24	113	31	11	54790	5.50	A1BG_HUMAN
90	Alpha-1B-glycoprotein OS=Homo sapiens GN=A1BG PE=1 SV=4	E22	131	36	13	54790	5.50	A1BG_HUMAN
91	Alpha-1B-glycoprotein OS=Homo sapiens GN=A1BG PE=1 SV=4	E24	146	32	12	54790	5.50	A1BG_HUMAN
92	Alpha-1B-glycoprotein OS=Homo sapiens GN=A1BG PE=1 SV=4	F22	156	32	13	54790	5.50	A1BG_HUMAN
93	Serum albumin OS=Homo sapiens GN=ALB PE=1 SV=2	F23	261	47	28	71317	5.90	ALBU_HUMAN
94	Serum albumin OS=Homo sapiens GN=ALB PE=1 SV=2	F24	261	45	28	71317	5.90	ALBU_HUMAN

95	Alpha-1B-glycoprotein OS=Homo sapiens GN=A1BG PE=1 SV=4	G2	124	28	9	54790	5.50	A1BG_HUMAN
96	Alpha-1B-glycoprotein OS=Homo sapiens GN=A1BG PE=1 SV=4	I1	69	19	6	54790	5.50	A1BG_HUMAN
97	Apolipoprotein A-IV OS=Homo sapiens GN=APOA4 PE=1 SV=3	H4	77	30	9	45371	5.20	APOA4_HUMAN
	Serum albumin OS=Homo sapiens GN=ALB PE=1 SV=2	I5	179	35	20	71317	5.90	ALBU_HUMAN
	Hemopexin OS=Homo sapiens GN=HPX PE=1 SV=2		126	37	14	52385	6.60	HEMO_HUMAN
	Serumalbumin OS=Homo sapiens GN=ALB PE=1 SV=2	I6	165	35	20	71317	5.90	ALBU_HUMAN
	Hemopexin OS=Homo sapiens GN=HPX PE=1 SV=2		134	38	16	52385	6.60	HEMO_HUMAN
102	Serum albumin OS=Homo sapiens GN=ALB PE=1 SV=2	G7	299	43	27	71317	5.90	ALBU_HUMAN
103	Serum albumin OS=Homo sapiens GN=ALB PE=1 SV=2	G8	229	44	24	71317	5.90	ALBU_HUMAN
104	Serum albumin OS=Homo sapiens GN=ALB PE=1 SV=2	G9	157	37	19	71317	5.90	ALBU_HUMAN
105	Serum albumin OS=Homo sapiens GN=ALB PE=1 SV=2	H7	274	48	40	71317	5.90	ALBU_HUMAN
106	Serum albumin OS=Homo sapiens GN=ALB PE=1 SV=2	H9	421	65	41	71317	5.90	ALBU_HUMAN
107	Serum albumin OS=Homo sapiens GN=ALB PE=1 SV=2	I7	425	65	43	71317	5.90	ALBU_HUMAN
108	Serum albumin OS=Homo sapiens GN=ALB PE=1 SV=2	I8	482	69	46	71317	5.90	ALBU_HUMAN
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110	Serum albumin OS=Homo sapiens GN=ALB PE=1 SV=2	G10	359	55	40	71317	5.90	ALBU_HUMAN
111	Serum albumin OS=Homo sapiens GN=ALB PE=1 SV=2	G11	360	54	36	71317	5.90	ALBU_HUMAN
112	Serum albumin OS=Homo sapiens GN=ALB PE=1 SV=2	G12	197	35	21	71317	5.90	ALBU_HUMAN
113	Serum albumin OS=Homo sapiens GN=ALB PE=1 SV=2	H10	236	41	24	71317	5.90	ALBU_HUMAN
114	Kelch-like protein 25 OS=Homo sapiens GN=KLHL25 PE=1 SV=1	H12	75	22	11	66964	6.10	KLH25_HUMAN

<b>115</b>	Gelsolin OS=Homo sapiens GN=GSN PE=1 SV=1	I11	101	21	13	86043	5.90	GELS_HUMAN
<b>116</b>	Gelsolin OS=Homo sapiens GN=GSN PE=1 SV=1	I12	112	18	13	86043	5.90	GELS_HUMAN
<b>117</b>	Fibrinogen gamma chain OS=Homo sapiens GN=FGG PE=1 SV=3	I13	69	18	7	52106	5.30	FIBG_HUMAN
<b>118</b>	Transaldolase OS=Homo sapiens GN=TALDO1 PE=1 SV=2	G19	64	16	6	37688	6.40	TALDO_HUMAN
<b>119</b>	Ras-relatedprotein Rab-2A OS=Homo sapiens GN=RAB2A PE=1 SV=1	H21	67	33	6	23702	6.10	RAB2A_HUMAN
	Ig mu chain C region OS=Homo sapiens GN=IGHM PE=1 SV=3	I19	87	23	7	49960	6.40	IGHM_HUMAN
	Ig mu heavy chain disease protein OS=Homo sapiens PE=1 SV=1	I19	77	25	8	43543	4.99	MUCB_HUMAN
<b>122</b>	Transcription initiation factor IIB OS=Homo sapiens GN=GTF2B PE=1 SV=1	I20	74	30	7	35324	9.70	TF2B_HUMAN
<b>123</b>	Serotransferrin OS=Homo sapiens GN=TF PE=1 SV=3	I21	75	16	8	79294	7.00	TRFE_HUMAN
<b>124</b>	Vitamin D-binding protein OS=Homo sapiens GN=GC PE=1 SV=1	G23	64	16	5	54526	5.30	VTDB_HUMAN
<b>125</b>	Ceruloplasmin OS=Homo sapiens GN=CP PE=1 SV=1	G24	134	15	17	122983	5.40	CERU_HUMAN
<b>126</b>	Ceruloplasmin OS=Homo sapiens GN=CP PE=1 SV=1	H22	147	20	19	122983	5.40	CERU_HUMAN
<b>127</b>	Ceruloplasmin OS=Homo sapiens GN=CP PE=1 SV=1	H24	209	24	21	122983	5.40	CERU_HUMAN
<b>128</b>	Ceruloplasmin OS=Homo sapiens GN=CP PE=1 SV=1	I22	182	23	19	122983	5.40	CERU_HUMAN
<b>129</b>	ADP-ribosylation factor-likeprotein 16 OS=Homo sapiens GN=ARL16 PE=2 SV=1	I23	62	30	7	21265	9.80	ARL16_HUMAN
<b>130</b>	Ceruloplasmin OS=Homo sapiens GN=CP PE=1 SV=1	I23	121	25	22	122983	5.40	CERU_HUMAN
<b>131</b>	Ceruloplasmin OS=Homo sapiens GN=CP PE=1 SV=1	I24	95	14	12	122983	5.40	CERU_HUMAN
<b>132</b>	Ceruloplasmin OS=Homo sapiens GN=CP PE=1 SV=1	J1	176	25	20	122983	5.40	CERU_HUMAN
<b>133</b>	Ceruloplasmin OS=Homo sapiens GN=CP PE=1 SV=1	J2	108	16	13	122983	5.40	CERU_HUMAN

99	Alpha-1-antitrypsin OS=Homo sapiens GN=SERPINA1 PE=1 SV=3	J3	69	24	7	46878	5.30	A1AT_HUMAN
95	Spectrin beta chain, non-erythrocytic 1 OS=Homo sapiens GN=SPTBN1 PE=1 SV=2	K3	101	12	25	275237	5.30	SPTB2_HUMAN
96	Nebulette OS=Homo sapiens GN=NEBL PE=1 SV=1	L1	95	21	18	116609	8.40	NEBL_HUMAN
97	Ceruloplasmin OS=Homo sapiens GN=CP PE=1 SV=1	L2	88	14	88	122983	5.40	CERU_HUMAN
98	Inter-alpha-trypsin inhibitorheavychain H4 OS=Homo sapiens GN=ITIH4 PE=1 SV=4	L9	90	14	11	103521	6.50	ITIH4_HUMAN
99	Alpha-2-macroglobulin OS=Homo sapiens GN=A2M PE=1 SV=3	J15	151	17	19	164613	6.00	A2MG_HUMAN
95	Alpha-2-macroglobulin OS=Homo sapiens GN=A2M PE=1 SV=3	K13	193	22	25	164613	6.00	A2MG_HUMAN
96	Alpha-2-macroglobulin OS=Homo sapiens GN=A2M PE=1 SV=3	K15	156	19	22	164613	6.00	A2MG_HUMAN
97	Alpha-2-macroglobulin OS=Homo sapiens GN=A2M PE=1 SV=3	L13	185	22	24	164613	6.00	A2MG_HUMAN
98	Alpha-2-macroglobulin OS=Homo sapiens GN=A2M PE=1 SV=3	L14	187	22	25	164613	6.00	A2MG_HUMAN
99	Alpha-2-macroglobulin OS=Homo sapiens GN=A2M PE=1 SV=3	L15	185	20	23	164613	6.00	A2MG_HUMAN
99	Alpha-2-macroglobulin OS=Homo sapiens GN=A2M PE=1 SV=3	J17	98	13	12	164613	6.00	A2MG_HUMAN
95	Transaldolase OS=Homo sapiens GN=TALDO1 PE=1 SV=2	K21	65	21	6	37688	6.40	TALDO_HUMAN
96	Alpha-1-antitrypsin OS=Homo sapiens GN=SERPINA1 PE=1 SV=3	M2	70	20	6	46878	5.30	A1AT_HUMAN
97	Serotransferrin OS=Homo sapiens GN=TF PE=1 SV=3	O1	141	18	13	79294	7.00	TRFE_HUMAN
98	Fibrinogen beta chain OS=Homo sapiens GN=FGB PE=1 SV=2	O2	149	40	23	56577	9.30	FIBB_HUMAN
99	Fibrinogen beta chain OS=Homo sapiens GN=FGB PE=1 SV=2	O3	133	37	21	56577	9.30	FIBB_HUMAN
95	Serotransferrin OS=Homo sapiens GN=TF PE=1 SV=3	M4	142	20	14	79294	7.00	TRFE_HUMAN
96	Vacuolar proteinsorting-associatedprotein 53 homolog OS=Homo sapiens GN=VPS53 PE=1 SV=1	M5	70	13	6	80400	5.70	VPS53_HUMAN

97	Muscle, skeletal receptor tyrosine-protein kinase OS=Homo sapiens GN=MUSK PE=1 SV=1	O4	81	13	9	98704	7.20	MUSK_HUMAN
98	Putative uncharacterized protein encoded by LINC00304 OS=Homo sapiens GN=LINC00304 PE=5 SV=2	N9	67	42	4	15885	12.60	CP081_HUMAN
99	Putative uncharacterized protein encoded by LINC00304 OS=Homo sapiens GN=LINC00304 PE=5 SV=2	O9	68	33	4	15885	12.60	CP081_HUMAN
99	Tetratricopeptiderepeatprotein 21A OS=Homo sapiens GN=TTC21A PE=2 SV=3	N11	84	12	12	152501	6.90	TT21A_HUMAN
95	Antithrombin-III OS=Homo sapiens GN=SERPINC1 PE=1 SV=1	M10	65	17	7	53025	6.30	ANT3_HUMAN
96	Antithrombin-III OS=Homo sapiens GN=SERPINC1 PE=1 SV=1	M11	78	21	8	53025	6.30	ANT3_HUMAN
97	Putative uncharacterized protein encoded by LINC00304 OS=Homo sapiens GN=LINC00304 PE=5 SV=2	M17	66	33	4	15885	12.60	CP081_HUMAN
98	Alpha-1-antichymotrypsin OS=Homo sapiens GN=SERPINA3 PE=1 SV=2	O17	174	37	17	47792	5.20	AACT_HUMAN
99	Alpha-1-antichymotrypsin OS=Homo sapiens GN=SERPINA3 PE=1 SV=2	O18	151	35	16	47792	5.20	AACT_HUMAN
95	Alpha-1-antichymotrypsin OS=Homo sapiens GN=SERPINA3 PE=1 SV=2	M19	207	43	18	47792	5.20	AACT_HUMAN
96	Alpha-1-antichymotrypsin OS=Homo sapiens GN=SERPINA3 PE=1 SV=2	M20	210	43	18	47792	5.20	AACT_HUMAN
97	Alpha-1-acid glycoprotein 1 OS=Homo sapiens GN=ORM1 PE=1 SV=1	M21	132	45	12	23725	4.80	A1AG1_HUMAN
98	Alpha-1-acid glycoprotein 1 OS=Homo sapiens GN=ORM1 PE=1 SV=1	N19	123	42	12	23725	4.80	A1AG1_HUMAN
99	Zinc-alpha-2-glycoprotein OS=Homo sapiens GN=AZGP1 PE=1 SV=2	O20	194	52	16	34465	5.70	ZA2G_HUMAN
99	Zinc-alpha-2-glycoprotein OS=Homo sapiens GN=AZGP1 PE=1 SV=2	O21	181	46	14	34465	5.70	ZA2G_HUMAN
95	Alpha-1B-glycoprotein OS=Homo sapiens GN=A1BG PE=1 SV=4	M22	118	30	10	54790	5.50	A1BG_HUMAN