

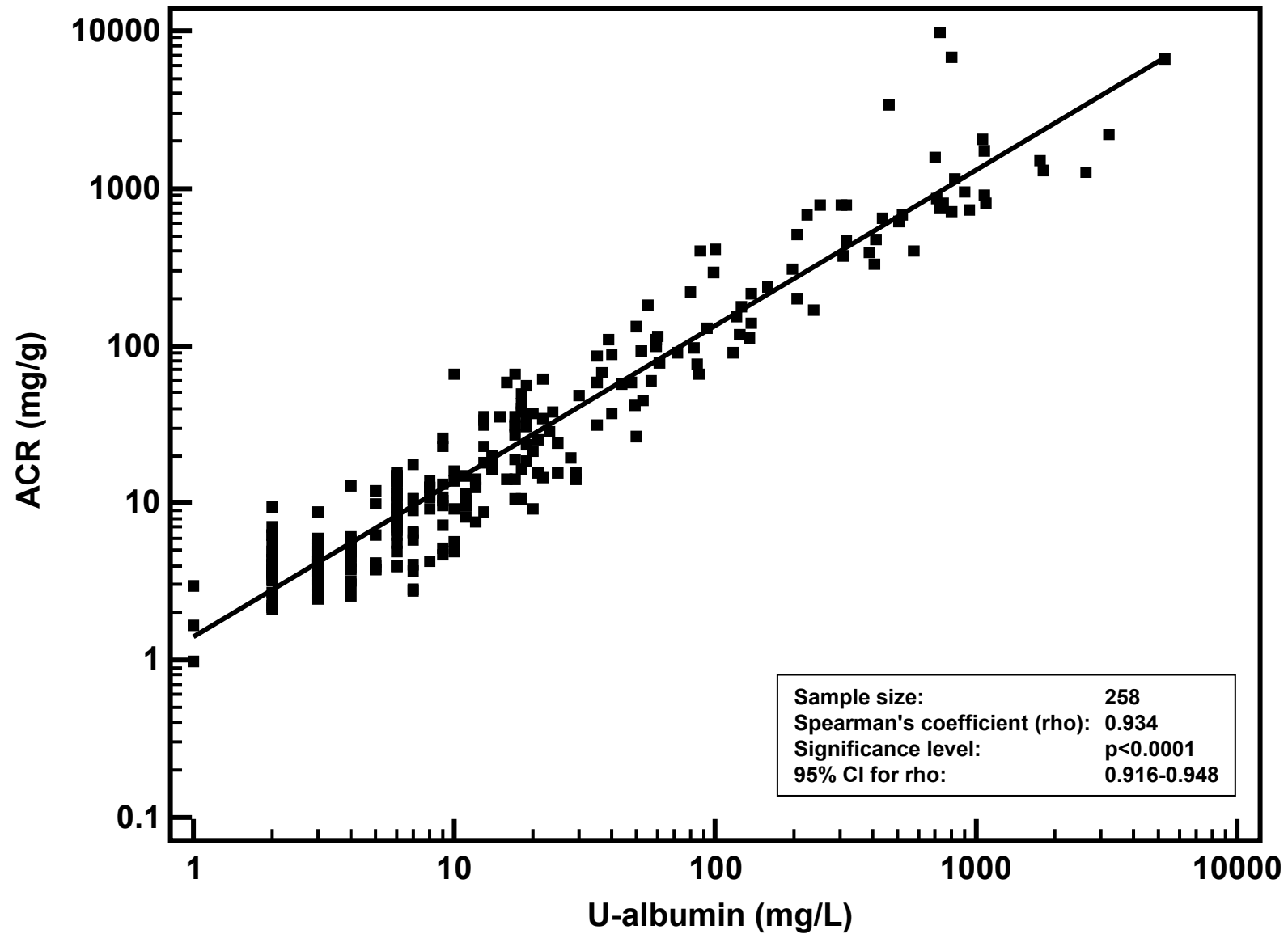
Supplementary table: The table includes all correlation factors and p-values of the urinary peptides for the different correlation analyses.

Peptide ID	correlation to baseline eGFR						correlation to slope eGFR/year (%)		Peptide information						
	all spearman rho	all spearman p-value	advanced spearman rho	advanced spearman p-value	mild-to-moderate spearman rho	mild-to-moderate spearman p-value	all spearman rho	all spearman p-value	Sequence	Protein name	Start AA	Stop AA	UniProt name	Accession number	Uniprot ID
2659	0.193	3.83E-18			0.167	6.66E-12			DDGEAGKPG	Collagen alpha-1(I) chain	231	239	CO1A1_HUMAN	gi124056487	P02452
5675	0.231	1.47E-25			0.207	1.27E-17			DGKTGPPGPA	Collagen alpha-1(I) chain	550	559	CO1A1_HUMAN	gi124056487	P02452
5913	-0.215	2.88E-22			-0.150	6.78E-10			KVNVNPTQK	Alpha-1-antitrypsin	411	418	A1AT_HUMAN	gi1703025	P01009
10866							-0.233	7.55E-08	VIVKPHDPA	Cornulin	44	52	CRNN_HUMAN	gi74761891	Q9UBG3
11500	-0.206	1.85E-20	-0.222	5.90E-05			-0.227	1.65E-07	IQRTPKIQ	Beta-2-microglobulin	21	28	B2MG_HUMAN	gi48428791	P61769
13747							0.170	9.28E-05	PPGSAGPGKDG	Collagen alpha-1(I) chain	1143	1154	CO1A1_HUMAN	gi124056487	P02452
14614							-0.181	3.33E-05	HLAPYSDEL	Apolipoprotein A-I	164	172	APOA1_HUMAN	gi113992	P02647
14751	0.164	1.60E-13							DGKDGSPPGEPG	Collagen alpha-1(III) chain	464	474	CO3A1_HUMAN	gi124056490	P02461
15565	-0.174	5.74E-15	-0.254	4.23E-06					SLDKFLASVS	Hemoglobin subunit alpha	125	134	HBA_HUMAN	gi57013850	P69905
16773	0.222	1.40E-23			0.181	9.05E-14			DRGEPPPPGPA	Collagen alpha-1(I) chain	801	811	CO1A1_HUMAN	gi124056487	P02452
16832	-0.189	2.25E-17	-0.211	1.39E-04			-0.175	5.80E-05	IQRTPKIQV	Beta-2-microglobulin	21	29	B2MG_HUMAN	gi48428791	P61769
17830							-0.193	9.25E-06	VEIHIMEDL	Protein S100-A9	58	66	S10A9_HUMAN	gi115444	P06702
17968	0.323	1.13E-49	0.189	6.65E-04	0.216	4.26E-19			DGGSPKGDVDP	Sodium/potassium-transporting ATPase subunit gamma	7	18	ATNG_HUMAN	gi20141251	P54710
18943	0.186	5.10E-17							SPGGERGETGPP	Collagen alpha-1(III) chain	796	806	CO3A1_HUMAN	gi124056490	P02461
20667	-0.169	3.81E-14	-0.176	1.51E-03			-0.251	5.95E-09	EAQLPVIENK	Plasminogen	718	727	PLMN_HUMAN	gi130316	P00747
20698							0.152	4.83E-04	GLPGTGGPPGNG	Collagen alpha-1(III) chain	642	654	CO3A1_HUMAN	gi124056490	P02461
21709							-0.227	1.67E-07	LSDPDKVTIGL	Inter-alpha-trypsin inhibitor heavy chain H4	837	847	ITIHA_HUMAN	gi229463048	Q14624
23697	0.257	2.67E-31					0.191	1.13E-05	DDGEAGKPPGRP	Collagen alpha-1(I) chain	231	242	CO1A1_HUMAN	gi124056487	P02452
23868	-0.275	6.93E-36	-0.205	2.17E-04			-0.177	4.71E-05	FVELGTQPATQ	Apolipoprotein A-II	90	100	APOA2_HUMAN	gi114000	P02652
24075	-0.221	1.73E-23							PSGEVSHPRKT	Alpha-2-HS-glycoprotein	329	339	FETUA_HUMAN	gi112910	P02765
26304	-0.154	4.29E-12							LEKDLRDKVN	Apolipoprotein A-IV	343	352	APOA4_HUMAN	gi93163358	P06727
27365	-0.154	5.39E-12							LSEGLKLVKDF	Alpha-1-antitrypsin	143	153	A1AT_HUMAN	gi1703025	P01009
27797	-0.189	1.75E-17					-0.221	3.60E-07	VDVSHEDPEVK	Ig gamma-1 chain C region	147	157	IGHG1_HUMAN	gi121039	P01857
28561							0.165	1.50E-04	SPGPDGKTPPPGPA	Collagen alpha-1(I) chain	546	559	CO1A1_HUMAN	gi124056487	P02452
28677	0.159	1.03E-12							DGVPKDGPRGPT	Collagen alpha-1(III) chain	752	764	CO3A1_HUMAN	gi124056490	P02461
28813							-0.171	8.30E-05	DATPGIDLTRVL	Keratin, type I cytoskeletal 13	263	274	K1C13_HUMAN	gi269849755	P13646
29840	0.156	2.45E-12					-0.223	2.70E-07	DGQPGAKGEPGDAG	Collagen alpha-1(I) chain	820	833	CO1A1_HUMAN	gi124056487	P02452
30619							0.164	1.63E-04	TKKVPQVSTPTL	Serum albumin	436	447	ALBU_HUMAN	gi113576	P02768
30699	0.249	1.52E-29	0.180	1.17E-03					DGAPGKNGERGPGG	Collagen alpha-1(III) chain	587	600	CO3A1_HUMAN	gi124056490	P02461
30733	-0.214	5.61E-22	-0.172	1.97E-03			-0.192	9.77E-06	VSGFHPSDIEVD	Beta-2-microglobulin	47	58	B2MG_HUMAN	gi48428791	P61769
31173	-0.179	7.19E-16							TIDEKGTEAAGAM	Alpha-1-antitrypsin	363	375	A1AT_HUMAN	gi1703025	P01009
31227	-0.172	1.31E-14			0.169	3.96E-12			VIDQSRNLNLGP	Uromodulin	592	603	UROM_HUMAN	gi137116	P07911
32171	0.193	3.92E-18							APGDRGEPGPPGPA	Collagen alpha-1(I) chain	798	811	CO1A1_HUMAN	gi124056487	P02452
32852	-0.160	7.57E-13							LVDKLFEDVKK	Alpha-1-antitrypsin	150	160	A1AT_HUMAN	gi1703025	P01009
33209	0.187	4.87E-17							SPGGERGETGPPGPA	Collagen alpha-1(III) chain	796	809	CO3A1_HUMAN	gi124056490	P02461
33633	-0.227	1.05E-24	-0.202	2.79E-04					VAGVANALAHKYH	Hemoglobin subunit beta	135	147	HBB_HUMAN	gi56749856	P68871
33726	-0.162	3.59E-13							VVSLGSPSGEVSHP	Alpha-2-HS-glycoprotein	323	336	FETUA_HUMAN	gi112910	P02765
34011	-0.173	6.82E-15							VAHVDMPNLSA	Hemoglobin subunit alpha	71	83	HBA_HUMAN	gi57013850	P69905
35339	0.382	3.82E-70	0.317	6.54E-09	0.199	2.06E-16			APGDRGEPGPPGAG	Collagen alpha-1(I) chain	798	812	CO1A1_HUMAN	gi124056487	P02452
36769	0.168	4.61E-14					0.158	2.90E-04	DGPPGRDGGQPGHKG	Collagen alpha-2(I) chain	933	946	CO1A2_HUMAN	gi124056488	P08123
36891	-0.215	3.79E-22							VSLGSPSGEVSHPR	Alpha-2-HS-glycoprotein	324	337	FETUA_HUMAN	gi112910	P02765
38617	0.224	4.67E-24					-0.196	6.61E-06	GPPGFGPKVGSPPGPG	Collagen alpha-1(XVI) chain	1165	1180	COGA1_HUMAN	gi143811380	Q07092
38676	-0.270	1.33E-34	-0.195	4.34E-04					ALEEYTKKLNTQ	Apolipoprotein A-I	256	267	APOA1_HUMAN	gi113992	P02647
38719	-0.178	1.35E-15							VKVLDAVRGSPAIN	Transthyretin	34	47	TTHY_HUMAN	gi136464	P02766
38910	0.187	3.40E-17							DEAGSEADHEGTHS	Fibrinogen alpha chain	605	618	FIBA_HUMAN	gi1706799	P02671
40409	-0.227	1.37E-24	-0.167	2.68E-03			-0.282	5.53E-11	TIDEKGTEAAGAMF	Alpha-1-antitrypsin	363	376	A1AT_HUMAN	gi1703025	P01009
40645	-0.205	2.19E-20					-0.234	6.82E-08	YTKKVPQVSTPTL	Serum albumin	435	447	ALBU_HUMAN	gi113576	P02768
40759	-0.308	4.66E-45	-0.288	1.45E-07			-0.193	8.73E-06	LEKDLRDKVNSF	Apolipoprotein A-IV	343	354	APOA4_HUMAN	gi93163358	P06727
42166	-0.187	3.43E-17							PAPAPKFSPVTPKF	Zyxin	260	273	ZYX_HUMAN	gi2497677	Q15942
42776							0.182	2.89E-05	EPGDAGAKGDAGPPGPA	Collagen alpha-1(I) chain	828	844	CO1A1_HUMAN	gi124056487	P02452
42779	-0.187	3.42E-17	-0.185	8.69E-04			-0.169	1.09E-04	ENEEQEYVQTVK	Annexin A1	15	26	ANXA1_HUMAN	gi113944	P04083
43114	-0.233	5.29E-26	-0.219	7.51E-05			-0.154	4.16E-04	SQPKIVKWDRDM	Beta-2-microglobulin	108	119	B2MG_HUMAN	gi48428791	P61769
43442	0.155	3.18E-12					0.213	8.71E-07	VGGPPGPPGPPGPPGPS	Collagen alpha-1(I) chain	1177	1193	CO1A1_HUMAN	gi124056487	P02452
43563	-0.230	2.68E-25	-0.260	2.40E-06					LSALEEYTKKLNT	Apolipoprotein A-I	254	266	APOA1_HUMAN	gi113992	P02647
43691							0.179	3.85E-05	SEADHEGTHSTKRG	Fibrinogen alpha chain	609	622	FIBA_HUMAN	gi1706799	P02671
44599	-0.279	5.15E-37	-0.257	3.13E-06					SALEEYTKKLNTQ	Apolipoprotein A-I	255	267	APOA1_HUMAN	gi113992	P02647
45250	-0.160	7.45E-13	-0.157	4.93E-03			-0.207	1.80E-06	YSNEKPFTGFEAF	Mannan-binding lectin serine protease 2	121	133	MASP2_HUMAN	gi117949604	O00187
45347	-0.240	1.98E-27	-0.163	3.48E-03					SLGSPSGEVSHPRKT	Alpha-2-HS-glycoprotein	325	339	FETUA_HUMAN	gi112910	P02765
45597	0.157	1.81E-12							DGQPGAKGEPGDAGAKG	Collagen alpha-1(I) chain	820	836	CO1A1_HUMAN	gi124056487	P02452
46002	-0.158	1.34E-12							TIDEKGTEAAGAMFL	Alpha-1-antitrypsin	363	377	A1AT_HUMAN	gi1703025	P01009
46119	-0.152	8.35E-12	-0.205	2.23E-04					KVNVDEVGGEALGRL	Hemoglobin subunit beta	18	32	HBB_HUMAN	gi56749856	P68871
46880							0.152	4.80E-04	GSEADHEGTHSTKRG	Fibrinogen alpha chain	608	622	FIBA_HUMAN	gi1706799	P02671
48106	0.208	6.11E-21	0.319	4.77E-09					SPGSPGPDGKTGPPGPAG	Collagen alpha-1(I) chain	543	560	CO1A1_HUMAN	gi124056487	P02452
48394	0.162	3.08E-13							NDGAPGKNGERGPPGPP	Collagen alpha-1(III) chain	586	602	CO3A1_HUMAN	gi124056490	P02461
48446							-0.153	4.37E-04	IQVYSRHPAENGKS	Beta-2-microglobulin	27	40	B2MG_HUMAN	gi48428791	P61769
49303							0.181	3.20E-05	VGGPPGPPGPPGPPPSA	Collagen alpha-1(I) chain	1177	1194	CO1A1_HUMAN	gi124056487	P02452
49332							0.172	8.09E-05	GPPGEAGKPGEGQVPGD	Collagen alpha-1(I) chain	650	666	CO1A1_HUMAN	gi124056487	P02452
49713	0.216	2.14E-22					0.163	1.77E-04	TGLSMDGGGSPKGDVDP	Sodium/potassium-transporting ATPase subunit gamma	2	18	ATNG_HUMAN	gi20141251	P54710
49914	-0.169	3.29E-14							IENEEQEYVQTVK	Annexin A1	14	26	ANXA1_HUMAN	gi113944	P04083
49959	0.202	1.04E-19	0.227	4.04E-05			0.219	4.22E-07	SGSDSDDEPPPLPRL	Membrane associated progesterone receptor component 1	54	68	PGRC1_HUMAN	gi6647589	O00264
50285	-0.214	4.30E-22							LSQPKIVKWDRDM	Beta-2-microglobulin	107	119	B2MG_HUMAN	gi48428791	P61769
50638	0.155	3.10E-12	0.158	4.58E-03					PPGPPGKNGDDGEAGKP	Collagen alpha-1(I) chain	222	238	CO1A1_HUMAN	gi124056487	P02452
51175	0.166	9.97E-14							EGSPGRDGGSPGAKGDRG	Collagen alpha-1(I) chain	1021	1037	CO1A1_HUMAN	gi124056487	P02452
51948	-0.299	1.63E-42	-0.181	1.13E-03	-0.159	5.73E-11			LSALEEYTKKLNTQ	Apolipoprotein A-I	254	267	APOA1_HUMAN	gi113992	P02647
53103							-0.182	2.75E-05	KNGERIEKVEHSDL	Beta-2-microglobulin	61	74	B2MG_HUMAN	gi48428791	P61769
53957	0.197	8.77E-19							DEAGSEADHEGTHSTK	Fibrinogen alpha chain	605	620	FIBA_HUMAN	gi1706799	P02671
55703	-0.291	3.26E-40	-0.223	5.60E-05			-0.220	3.79E-07	RQKLPHAGDVEGHLS	Apolipoprotein A-IV	326	341	APOA4_HUMAN	gi93163358	P06727
56139	0.154	5.35E-12							PPGEAGKPGEGQVPGDLG	Collagen alpha-1(I) chain	651	668	CO1A1_HUMAN	gi124056487	P02452
56457	-0.161	5.21E-13					-0.189	1.36E-05	VRYTKVPQVSTPTL	Serum albumin	433	447	ALBU_HUMAN	gi113576	P02768
57012	-0.178	1.46E-15	-0.180	1.17E-03			-0.229	1.20E-07	IDKVRFLQQNQVL	Keratin, type II cytoskeletal 1	195	208	K2C1_HUMAN	gi238054406	Q04264
57434	-0.234	3.33E-26	-0.186	8.04E-04					VVSLGSPSGEVSHPRKT	Alpha-2-HS-glycoprotein	323	339	FETUA_HUMAN	gi112910	P02765
57531	0.199	2.72E-19			0.151	5.21E-10			TGSPGSPGPDGKTGPPGPAG	Collagen alpha-1(I) chain	543	560	CO1A1_HUMAN	gi124056487	P02452
57537	0.243	4.41E-28	0.177												

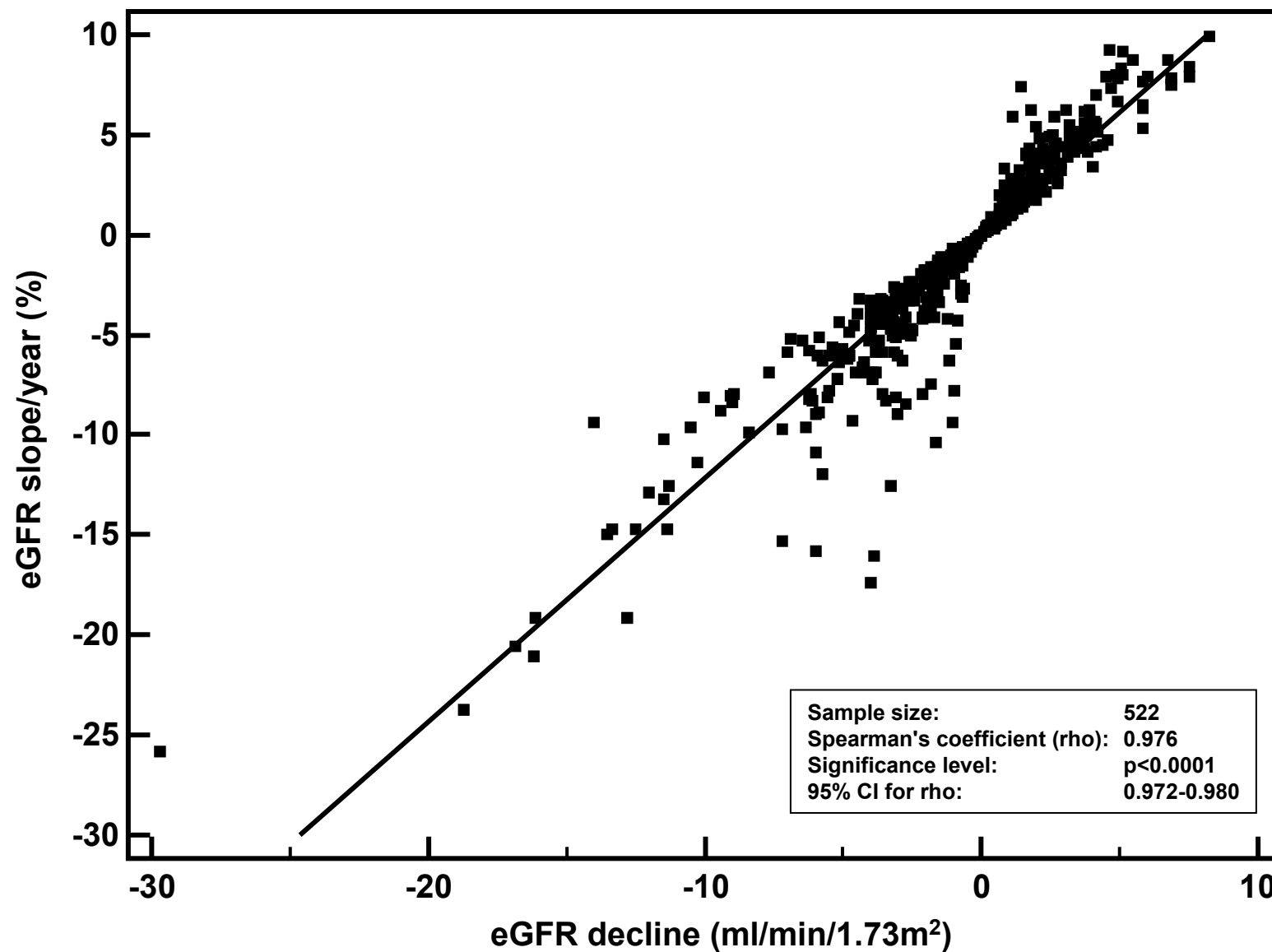
Peptide ID	correlation to baseline eGFR						correlation to slope eGFR/year (%)		Peptide information						
	all spearman rho	all spearman p-value	advanced spearman rho	advanced spearman p-value	mild-to-moderate spearman rho	mild-to-moderate spearman p-value	all spearman rho	all spearman p-value	Sequence	Protein name	Start AA	Stop AA	UniProt name	Accession number	Uniprot ID
60153	0.202	7.58E-20	0.210	1.46E-04					GNDGAPGKNGERGPGGPGP	Collagen alpha-1(III) chain	585	604	CO3A1_HUMAN	gi124056490	P02461
60216	-0.209	5.44E-21					-0.182	2.96E-05	EAIPMSIPPEVKFNKP	Alpha-1-antitrypsin	378	393	A1AT_HUMAN	gi1703025	P01009
60816							0.189	1.41E-05	GRMPGSPGGSGDGKPGPPG	Collagen alpha-1(III) chain	536	555	CO3A1_HUMAN	gi124056490	P02461
60906	-0.162	3.90E-13					-0.195	6.86E-06	DDIKVVKQASEGPLKG	Glyceraldehyde-3-phosphate dehydrogenase	256	272	G3P_HUMAN	gi120649	P04406
60946	-0.169	2.96E-14					-0.243	1.87E-08	SRSGGGGGGLSGSGSIRSSY	Keratin, type I cytoskeletal 9	12	32	K1C9_HUMAN	gi239938886	P35527
61063	-0.186	5.53E-17					-0.187	1.72E-05	AIFMSPPEVKFNKPF	Alpha-1-antitrypsin	379	394	A1AT_HUMAN	gi1703025	P01009
61446							0.185	2.19E-05	AGEKGPSGEAGTAGPPGTGPG	Collagen alpha-2(I) chain	843	863	CO1A2_HUMAN	gi124056488	P01023
61573	0.157	2.04E-12	0.163	3.33E-03					DEAGSEADHEGTHSTKR	Fibrinogen alpha chain	605	621	FIBA_HUMAN	gi1706799	P02671
61723	-0.158	1.28E-12					-0.167	1.27E-04	LVRYTKVPQVSTPTL	Serum albumin	432	447	ALBU_HUMAN	gi113576	P02768
62146	-0.230	2.09E-25			-0.200	1.59E-16	-0.173	7.14E-05	LTDDEKRLMVELHNL	Peptidase inhibitor 16	28	42	PI16_HUMAN	gi74749419	Q6UXB8
62463	-0.178	1.05E-15			-0.164	1.47E-11			AADHDVGSELPPGVLGAL	ProSAAS	221	239	PCSK1_HUMAN	gi74735013	Q9UHG2
62512	-0.214	4.28E-22	-0.192	5.58E-04			-0.233	6.84E-08	SEGLKLVDFLEDVKK	Alpha-1-antitrypsin	145	160	A1AT_HUMAN	gi1703025	P01009
62791	-0.313	1.41E-46	-0.308	1.76E-08	-0.155	1.93E-10	-0.255	3.45E-09	LKNGERIEKVEHSDLS	Beta-2-microglobulin	60	75	B2MG_HUMAN	gi48428791	P61769
62922	-0.267	7.19E-34	-0.249	6.47E-06					LSPYSYSTTAVVTNPKE	Transthyretin	131	147	THY_HUMAN	gi136464	P02766
63209	0.198	4.54E-19							EGSPGRDGSPPGAKGDRGET	Collagen alpha-1(I) chain	1021	1039	CO1A1_HUMAN	gi124056487	P02452
63427	0.193	4.14E-18					-0.224	2.36E-07	DAGPAGPKGEPGSPGENGAPG	Collagen alpha-1(I) chain	279	299	CO1A1_HUMAN	gi124056487	P02452
63951	-0.151	1.14E-11					-0.220	3.67E-07	LENEDRRSASLHLPKL	Alpha-1-antitrypsin	300	315	A1AT_HUMAN	gi1703025	P01009
64558	-0.154	4.50E-12							NTKSPLFMGKVVNPQTK	Alpha-1-antitrypsin	402	418	A1AT_HUMAN	gi1703025	P01009
65312	0.158	1.53E-12							ETGPAGRPGEVGPDPGPPGAG	Collagen alpha-1(I) chain	912	932	CO1A1_HUMAN	gi124056487	P02452
65445							-0.160	2.51E-04	NTKSPLFMGKVVNPQTK	Alpha-1-antitrypsin	402	418	A1AT_HUMAN	gi1703025	P01009
65948	-0.335	2.30E-53	-0.263	1.76E-06			-0.245	1.51E-08	ASHTSDSDVPSGVTEVVVK	Clusterin	390	408	CLUS_HUMAN	gi116533	P10909
66483	-0.236	1.39E-26					-0.186	1.85E-05	MGVSVSLGSPSGEVSHPRKT	Alpha-2-HS-glycoprotein	321	339	FETUA_HUMAN	gi112910	P02765
67066	-0.269	2.32E-34	-0.175	1.69E-03	-0.174	7.13E-13	-0.263	1.12E-09	AARLEALKENGGAARLAE	Apolipoprotein A-1	199	216	APOA1_HUMAN	gi113992	P02647
67632	0.186	5.27E-17							EAIPMSIPPEVKFNKPF	Alpha-1-antitrypsin	378	394	A1AT_HUMAN	gi1703025	P01009
68036	-0.195	1.83E-18					-0.238	3.58E-08	GEKGPSGEAGTAGPGTTPGQG	Collagen alpha-2(I) chain	844	865	CO1A2_HUMAN	gi124056488	P08123
68107	-0.227	1.07E-24	-0.159	4.38E-03			-0.209	1.41E-06	LRTLNQDPSQLQLTTGNG	Alpha-1-antitrypsin	124	141	A1AT_HUMAN	gi1703025	P01009
68359							0.171	8.45E-05	LSEGLKLVDFLEDVKK	Alpha-1-antitrypsin	144	160	A1AT_HUMAN	gi1703025	P01009
68411	-0.272	5.44E-35	-0.281	3.16E-07			-0.273	2.13E-10	PPGPQKNGDDGEAGKPRGP	Collagen alpha-1(I) chain	222	241	CO1A1_HUMAN	gi124056487	P02452
68670	0.241	1.07E-27							LLSPYSYSTTAVVTNPKE	Transthyretin	130	147	THY_HUMAN	gi136464	P02766
69681	-0.159	9.07E-13					0.167	1.30E-04	SNGNPGPPGSPSGPKDGPPGP	Collagen alpha-1(III) chain	886	907	CO3A1_HUMAN	gi124056490	P02461
69707	0.163	2.57E-13							HQGPAGFPPPPGLPPGPPGSGGG	Collagen alpha-2(I) chain	1085	1107	CO1A2_HUMAN	gi124056488	P08123
69776	0.159	1.05E-12							HLPAEFTPAVHASLDKFL	Hemoglobin subunit alpha	113	130	HBA_HUMAN	gi57013850	P69905
70413	-0.286	1.06E-38	-0.238	1.66E-05			-0.168	1.11E-04	DGESGRGPRGERGLPPGPG	Collagen alpha-1(III) chain	230	249	CO3A1_HUMAN	gi124056490	P02461
70911							-0.159	2.60E-04	GLPGTGPPGKNGKPGEPGPKG	Collagen alpha-1(III) chain	642	663	CO3A1_HUMAN	gi124056490	P02461
72207	-0.216	2.20E-22					-0.264	9.69E-10	ALLSPYSYSTTAVVTNPKE	Transthyretin	129	147	THY_HUMAN	gi136464	P02766
72702	-0.271	8.05E-35	-0.167	2.73E-03	-0.182	7.74E-14	-0.265	7.89E-10	FGASAGTGDLSDNHDISMK	Vesicular integral-membrane protein VIP36	253	272	LMAN2_HUMAN	gi21264108	Q12907
72947	-0.239	3.54E-27	-0.156	5.17E-03					FSPEKSKLPGIVAEGRDDL	Antithrombin-III	376	394	ANT3_HUMAN	gi113936	P01008
72981	-0.161	5.08E-13	-0.226	4.38E-05					EAIPMSIPPEVKFNKPFV	Alpha-1-antitrypsin	378	395	A1AT_HUMAN	gi1703025	P01009
73015	-0.161	5.08E-13	-0.226	4.38E-05					ELTETGVEAAASAISSVARTL	Plasma protease C1 inhibitor	448	468	IC1_HUMAN	gi124096	P05155
73628	-0.227	1.35E-24	-0.152	6.22E-03			-0.177	4.66E-05	HYDDMPNALSALSDLHAHK	Hemoglobin subunit alpha	73	91	HBA_HUMAN	gi57013850	P69905
73791	0.190	1.47E-17	0.194	4.68E-04					LSEGLKLVDFLEDVKKL	Alpha-1-antitrypsin	144	161	A1AT_HUMAN	gi1703025	P01009
75167	-0.254	9.28E-31	-0.309	1.54E-08					DAGAPGAPGGKDGAGAPGERGPPG	Collagen alpha-1(III) chain	664	687	CO3A1_HUMAN	gi124056490	P02461
75331	0.180	5.84E-16	0.169	2.35E-03			-0.205	2.45E-06	FDSDPITVVPVEVSRKNP	Clusterin	410	428	CLUS_HUMAN	gi116533	P10909
76415	-0.169	3.05E-14	-0.176	1.52E-03			-0.194	7.96E-06	SNGNPGPPGSPSGPKDGPPGPPG	Collagen alpha-1(III) chain	886	909	CO3A1_HUMAN	gi124056490	P02461
77031	-0.217	1.09E-22							AAHLPAEFTPAVHASLDKFL	Hemoglobin subunit alpha	111	130	HBA_HUMAN	gi57013850	P69905
77652	-0.163	2.19E-13							QNVSVQPNFQQDKFLGRW	Prostaglandin-H2 D-isomerase	26	43	PTGDS_HUMAN	gi730305	P41222
77895	0.198	4.05E-19	-0.184	3.52E-14	0.175	5.76E-13	0.155	3.70E-04	SNNAKAEVHLQKSELTOQ	Apolipoprotein A-IV	39	57	APOA4_HUMAN	gi93163358	P06727
78073	-0.190	1.25E-17							AEGSPGRDGSPPGAKGDRGETGPA	Collagen alpha-1(I) chain	1020	1042	CO1A1_HUMAN	gi124056487	P02452
78598							0.150	5.64E-04	FGASAGTGDLSDNHDISMKL	Vesicular integral-membrane protein VIP36	253	273	LMAN2_HUMAN	gi21264108	Q12907
79136	-0.238	5.01E-27					-0.266	6.84E-10	AGPPGEAGKPGQEGVPGDLGAPGP	Collagen alpha-1(I) chain	649	672	CO1A1_HUMAN	gi124056487	P02452
79816	-0.247	4.90E-29	-0.170	2.29E-03			-0.229	1.23E-07	EAIPMSIPPEVKFNKPFV	Alpha-1-antitrypsin	378	396	A1AT_HUMAN	gi1703025	P01009
81424	-0.164	1.93E-13					-0.187	1.79E-05	LRTLNQDPSQLQLTTGNGLF	Alpha-1-antitrypsin	124	143	A1AT_HUMAN	gi1703025	P01009
82094	0.275	7.84E-36	0.302	3.33E-08					DAHKEVAHRFKDLGEENF	Serum albumin	25	43	ALBU_HUMAN	gi113576	P02768
82234									IGPPPGAPAGDKGESGSPGAPGTG	Collagen alpha-1(I) chain	769	794	CO1A1_HUMAN	gi124056487	P02452
83021							0.167	1.27E-04	KNSGEKGDQGFQGGPFGPPGPPG	Collagen alpha-1(XVI) chain	1144	1166	COGA1_HUMAN	gi143811380	Q07092
83081							0.165	1.58E-04	DGVSGGEGKGGSDGGGSHRKEGEE	CD99 antigen	97	120	CD99_HUMAN	gi119049	P14209
83512	0.247	5.49E-29					-0.158	3.03E-04	GPTGDDGPKGNPVPVFGPDGPPG	Collagen alpha-2(XI) chain	1255	1278	CO11A2_HUMAN	gi374095517	P13942
83548	0.159	1.06E-12			0.158	8.77E-11	0.167	1.29E-04	NGDDGEAGKPRGERGPPGPGQ	Collagen alpha-1(I) chain	229	251	CO1A1_HUMAN	gi124056487	P02452
84126	-0.284	3.05E-38	-0.165	1.28E-11			-0.260	1.75E-09	GGPGSQGESGRPPGPGSPGRGQP	Collagen alpha-1(III) chain	552	575	CO3A1_HUMAN	gi124056490	P02461
84192	-0.170	1.96E-14					-0.232	8.31E-08	IEQNTKSPLFMGKVVNPQTK	Alpha-1-antitrypsin	399	418	A1AT_HUMAN	gi1703025	P01009
84651							-0.213	8.67E-07	KGKWERPFEVKDTEEDF	Alpha-1-antitrypsin	215	232	A1AT_HUMAN	gi1703025	P01009
85275							0.152	4.73E-04	FFLPDEGLQHLLENELTHD	Alpha-1-antitrypsin	276	294	A1AT_HUMAN	gi1703025	P01009
85315	0.194	2.25E-18	0.197	3.76E-04			-0.172	8.14E-05	ANAPGNDGAKDGAGAPGAPGSQGAPG	Collagen alpha-1(I) chain	699	725	CO1A1_HUMAN	gi124056487	P02452
85331							-0.242	2.27E-08	QNGEPGGKGERGAPGEKGGPPG	Collagen alpha-1(III) chain	817	840	CO3A1_HUMAN	gi124056490	P02461
85777	-0.262	1.37E-32	-0.187	1.49E-14			-0.165	1.46E-04	VHLTPEEKSAVTALWGKNVND	Hemoglobin subunit beta	2	22	HBB_HUMAN	gi56749856	P68871
86798	-0.205	2.48E-20							LREGTKAVKTVTRTPGAANLE	Alpha-1B-glycoprotein	435	456	A1BG_HUMAN	gi46577680	P04217
87724	-0.185	9.79E-17							IDTKSYWKALGISPFHEAE	Transthyretin	93	112	THY_HUMAN	gi136464	P02766
88367	-0.213	8.35E-22	-0.327	1.85E-09					HKEPVGADAVPGPKDGSAPFVRGA	Neurosecretory protein VGF	39	62	VGF_HUMAN	gi20140380	O15240
88622	-0.268	3.83E-34	-0.239	1.48E-05			-0.221	3.20E-07	ASHEKMHGDEGPHHHPGLG	Protein S100-A9	89	110	S100A9_HUMAN	gi115444	P06702
89325	-0.232	9.05E-26	-0.370	7.95E-12			-0.178	4.49E-05	DAHKEVAHRFKDLGEENFK	Serum albumin	25	44	ALBU_HUMAN	gi113576	P02768
89909	-0.351	7.87E-05	-0.231	2.90E-05	-0.217	2.62E-19	-0.222	2.98E-07	LSSLTETIEGVDAEDGHGPGEQQ	Complement factor B	235	257	CFAB_HUMAN	gi584908	P00751
92257	-0.247	5.20E-29	-0.153	6.06E-03	-0.194	1.10E-15	-0.236	4.73E-08	MIEQNTKSPLFMGKVVNPQTK	Alpha-1-antitrypsin	398	418	A1AT_HUMAN	gi1703025	P01009
92456	-0.261	2.32E-32	-0.153	6.06E-03			-0.242	2.20E-08	LREGTKAVKTVTRTPGAANLEL	Alpha-1B-glycoprotein	435	457	A1BG_HUMAN	gi46577680	P04217
92698	0.316	2.00E-47	0.283	2.64E-07	0.195	8.24E-16			DAHKEVAHRFKDLGEENFKA	Serum albumin	25	45	ALBU_HUMAN	gi113576	P02768
93153	0.240	1.44E-27	0.314	8.72E-09					LDGAKGDAGAPGKGEPPGSPGENGAPG	Collagen alpha-1(I) chain	273	299	CO1A1_HUMAN	gi124056487	P02452
93227	0.193	3.90E-18	0.307	1.96E-08			-0.226	1.78E-07	PAGPAGPGEKGEPPGSGAEGPPGPQ	Collagen alpha-1(II) chain	948	974	CO2A1_HUMAN	gi124056489	P02458
93408	0.240	1.41E-27	0.227	3.93E-05					ADGGQPGAKGEPGDAGAKDGAPPPGAPG	Collagen alpha-1(I) chain	819	846	CO1A1_HUMAN	gi124056487	P02452
94488</															

Peptide ID	correlation to baseline eGFR						correlation to slope eGFR/year (%)		Peptide information						
	all spearman rho	all spearman p-value	advanced spearman rho	advanced spearman p-value	mild-to-moderate spearman rho	mild-to-moderate spearman p-value	all spearman rho	all spearman p-value	Sequence	Protein name	Start AA	Stop AA	UniProt name	Accession number	Uniprot ID
100386	0.321	5.20E-49	0.213	1.22E-04	0.174	7.60E-13			LTGPIGPPGAPAGDGKGESGPSGPAGPTG	Collagen alpha-1(I) chain	765	794	C01A1_HUMAN	gi124056487	P02452
100537	-0.335	1.61E-53	-0.278	4.25E-07			-0.199	4.57E-06	LKNGERIEKVEHSDLSFSKDW	Beta-2-microglobulin	60	81	B2MG_HUMAN	gi48428791	P61769
101888	-0.273	1.84E-35	-0.202	2.79E-04			-0.158	2.81E-04	LLKNGERIEKVEHSDLSFSKDW	Beta-2-microglobulin	59	80	B2MG_HUMAN	gi48428791	P61769
102371	0.261	1.90E-32	0.154	5.65E-03	0.191	3.04E-15			KEGGKGPRGETGPAGRPGEVGP	Collagen alpha-1(I) chain	903	930	C01A1_HUMAN	gi124056487	P02452
102392	-0.295	2.20E-41	-0.242	1.17E-05			-0.283	4.63E-11	DAHKSEVAHRFKDLGEENFKALV	Serum albumin	25	47	ALBU_HUMAN	gi113576	P02768
103198							0.176	5.21E-05	ERGEAGIPGVPGAKGEDGKDGSPGEPGA	Collagen alpha-1(III) chain	448	475	CO3A1_HUMAN	gi124056490	P02461
104151	-0.303	1.76E-43	-0.208	1.70E-04			-0.228	1.40E-07	YQHLDASKNDNDNIFLSPLSISTA	Antithrombin-III	95	118	ANT3_HUMAN	gi113936	P01008
104634	-0.215	3.20E-22					-0.165	1.47E-04	FESFGDLSTPDVAMGNPKVKAHGKK	Hemoglobin subunit beta	43	67	HBB_HUMAN	gi56749856	P68871
105105	0.218	7.82E-23			0.152	3.91E-10			KDGEAGAQGGPPGAPAGERGEQGPAGSPG	Collagen alpha-1(I) chain	612	641	C01A1_HUMAN	gi124056487	P02452
106195	-0.376	5.19E-68	-0.313	1.03E-08	-0.193	1.84E-15	-0.233	7.42E-08	LLKNGERIEKVEHSDLSFSKDW	Beta-2-microglobulin	59	81	B2MG_HUMAN	gi48428791	P61769
106558	-0.355	5.02E-60	-0.301	3.61E-08	-0.171	2.35E-12	-0.247	1.06E-08	VDVLKDSGRDYSQFEGSALGQLN	Apolipoprotein A-I	43	67	APOA1_HUMAN	gi113992	P02647
107198	-0.272	4.73E-35			-0.176	5.13E-13	-0.281	6.31E-11	FFLPDEGKLQHLENELTHDIITK	Alpha-1-antitrypsin	276	298	A1AT_HUMAN	gi1703025	P01009
107913							-0.162	2.00E-04	WKVDNALQSGNSQESVTEQDSKDS	Ig kappa chain C region	40	64	IGKC_HUMAN	gi125145	P01834
107929	-0.265	2.80E-33			-0.185	2.70E-14	-0.190	1.21E-05	DAHKSEVAHRFKDLGEENFKALVL	Serum albumin	25	48	ALBU_HUMAN	gi113576	P02768
108189	0.365	8.00E-64	0.372	5.64E-12	0.190	4.98E-15	0.152	4.90E-04	KNGETGPGQGPPGPTGPGGDKGDTGPPGPQG	Collagen alpha-1(III) chain	610	639	CO3A1_HUMAN	gi124056490	P02461
108724	0.233	5.48E-26			0.186	1.64E-14			KEGGKGPRGETGPAGRPGEVGP	Collagen alpha-1(I) chain	903	932	C01A1_HUMAN	gi124056487	P02452
108832	0.215	3.11E-22	0.216	9.75E-05					GPPGADQPGAKGEPGDAGAKGDAGPPGPAGP	Collagen alpha-1(I) chain	815	846	CO1A1_HUMAN	gi124056487	P02452
111426	-0.196	1.35E-18			-0.154	2.82E-10			IPVKQADSGSSEKQLYNYKYPDAVAT	Osteopontin	17	42	OSTP_HUMAN	gi129260	P10451
111497	0.232	9.52E-26	0.215	1.03E-04	0.196	7.36E-16			VQGGPPGAGEEGKRGARGEPTGLPGPPG	Collagen alpha-1(I) chain	456	485	CO1A1_HUMAN	gi124056487	P02452
112485	-0.188	2.89E-17	-0.164	3.25E-03			-0.250	6.60E-09	LLKNGERIEKVEHSDLSFSKDW	Beta-2-microglobulin	59	82	B2MG_HUMAN	gi48428791	P61769
113228	-0.287	3.81E-39			-0.171	2.25E-12			FFLPDEGKLQHLENELTHDIITKF	Alpha-1-antitrypsin	276	299	A1AT_HUMAN	gi1703025	P01009
113452	0.185	8.61E-17	0.180	1.21E-03			-0.155	3.84E-04	NGEAGSAGPPGPPGLRGSPGSRGLPGADGRAG	Collagen alpha-2(I) chain	384	415	CO1A2_HUMAN	gi124056488	P08123
114311	-0.167	6.60E-14	-0.155	5.50E-03			-0.218	5.07E-07	LKNGERIEKVEHSDLSFSKDW	Beta-2-microglobulin	60	83	B2MG_HUMAN	gi48428791	P61769
115221	-0.255	7.37E-31			-0.171	1.96E-12	-0.218	5.07E-07	DAHKSEVAHRFKDLGEENFKALV	Serum albumin	25	50	ALBU_HUMAN	gi113576	P02768
118597	0.240	2.34E-27	0.396	1.74E-13					DGVSGGEGKGSGDGGSHRKEGEEADAPGVIPG	CD99 antigen	97	129	CD99_HUMAN	gi119049	P14209
118849	-0.262	1.48E-32	-0.208	1.69E-04			-0.217	5.32E-07	ESGREGAPGAEAGSPGRDGS	Beta-2-microglobulin	59	83	B2MG_HUMAN	gi48428791	P61769
118945	0.174	5.58E-15			-0.153	3.14E-10	0.150	5.80E-04	ESGREGAPGAEAGSPGRDGS	Collagen alpha-1(I) chain	1011	1042	CO1A1_HUMAN	gi124056487	P02452
119026	-0.213	7.86E-22					0.150	5.80E-04	DAAQKTDTSHHDQDHPTFNKITPNLAE	Alpha-1-antitrypsin	30	56	A1AT_HUMAN	gi1703025	P01009
120192							0.150	5.80E-04	QNGEPGGKGERGAPGEKGGGPPGVAGPPGGSGP	Collagen alpha-1(III) chain	817	850	CO3A1_HUMAN	gi124056490	P02461
122400	0.335	2.79E-53	0.279	3.66E-07	0.187	1.18E-14	0.161	2.22E-04	ADGQPGAKGEPGDAGAKGDAGPPGPAGP	Collagen alpha-1(I) chain	819	854	CO1A1_HUMAN	gi124056487	P02452
124172	0.228	5.85E-25	0.153	6.09E-03			0.176	5.07E-05	GADGQPGAKGEPGDAGAKGDAGPPGPAGP	Collagen alpha-1(I) chain	818	854	CO1A1_HUMAN	gi124056487	P02452
125889	0.267	7.84E-34	0.220	6.97E-05			0.202	3.43E-06	PPGESGREGAPGAEAGSPGRDGS	Collagen alpha-1(I) chain	1008	1041	CO1A1_HUMAN	gi124056487	P02452
126253	-0.182	2.89E-16					-0.247	1.11E-08	TNVFGDTEEAQKQINDYVEKGTQGGKIVDL	Alpha-1-antitrypsin	168	196	A1AT_HUMAN	gi1703025	P01009
126401	-0.154	4.95E-12					0.182	2.97E-05	EDPQGDAAQKTDTSHHDQDHPTFNKITPN	Alpha-1-antitrypsin	25	53	A1AT_HUMAN	gi1703025	P01009
127852	0.151	1.10E-11							AAGEPGKAGERGVPPPGAVGPAGKDG	Collagen alpha-1(I) chain	588	624	CO1A1_HUMAN	gi124056487	P02452
128435	0.174	4.73E-15					-0.247	1.11E-08	DRGETGPAGPPGAPGAPGAPGVG	Collagen alpha-1(I) chain	1035	1071	CO1A1_HUMAN	gi124056487	P02452
130661	-0.202	9.24E-20			-0.173	1.22E-12	-0.247	1.11E-08	EDPQGDAAQKTDTSHHDQDHPTFNKITPNL	Alpha-1-antitrypsin	25	54	A1AT_HUMAN	gi1703025	P01009
130747	0.315	3.55E-47	0.217	9.03E-05	0.165	1.29E-11	0.186	1.80E-05	PPGADGQPGAKGEPGDAGAKGDAGPPGPAGP	Collagen alpha-1(I) chain	816	854	CO1A1_HUMAN	gi124056487	P02452
135209							-0.246	1.20E-08	GHGKKVADALTNAAVAVDDMPNALSALSDLHAHK	Hemoglobin subunit alpha	58	91	HBA_HUMAN	gi57013850	P69905
136698	-0.208	6.24E-21			-0.170	3.05E-12	-0.257	2.65E-09	EDPQGDAAQKTDTSHHDQDHPTFNKITPNLAE	Alpha-1-antitrypsin	25	56	A1AT_HUMAN	gi1703025	P01009
139064							0.160	2.39E-04	DQGPVGRITGEVAVGPPGFAGEKGPSGEAGTAGPPGTPGP	Collagen alpha-2(I) chain	824	863	CO1A2_HUMAN	gi124056488	P08123
140780	-0.152	8.00E-12	-0.176	1.54E-03					GRPEAQPPPLSSEHKEPVAGDAVGP	Neurosecretory protein VGF	26	62	VGF_HUMAN	gi20140360	O15240
141007	0.169	2.98E-14							ARGNDGATGAAGPPGPTGPAGPPGF	Collagen alpha-1(I) chain	321	362	CO1A1_HUMAN	gi124056487	P02452
188063	-0.184	1.54E-16	-0.244	9.86E-06					IQRTPKIQVYSRHPAENGKSNFLNCYVSGFHPSDIEVDLLKNGE	Beta-2-microglobulin	21	119	B2MG_HUMAN	gi48428791	P61769

Supplementary figure 1: The albumin creatinine ratio (ACR) and the urinary albumin concentration (in mg/L) is highly correlated (0.934, $p < 0.0001$) in 258 patients of the follow-up cohort.



Supplementary figure 2: eGFR decline in ml/min/1.72m²/year and decrease in % eGFR slope/year is highly correlated (rho= 0.976, p<0.0001).



Supplementary figure 3: Progressors and non-progressors were defined depending on their eGFR slope (% change/year).

