Characteristics of the 20 peptides included in the urine peptide marker panel for AKI detection. The table is based on peptide data published by Metzger et al. (14).

CE-MS peptide Id[a]	CE-MS characteristics		MS/MS amino acid sequence information					Direction of regulation in AKI
	Mass [Da]	CE migration time [min]	Sequence[b]	Protein name	SwissProt/ TrEMBLE name	AA[c]	Sequence-derived mass [Da]	
38879	1439.66	29.82	TIDEKGTEAAGAMF	α-1-antitrypsin	A1AT_HUMAN	363 - 376	1439.66	Up
5913	912.52	20.06	KVVNPTQK			411 - 418	912.54	Up
16832	1081.64	20.73	IQRTPKIQV	β-2-microglobulin	B2MG_HUMAN	21 - 29	1081.66	Up
30733	1300.58	28.54	VSGFHPSDIEVD			47 - 58	1300.59	Up
106195	2716.37	20.19	LLKNGERIEKVEHSDLSFSKDWS			59 - 81	2716.38	Up
100537	2603.28	20.07	LKNGERIEKVEHSDLSFSKDWS			60 - 81	2603.30	Up
53216	1654.78	23.13	SpGEAGRpGEAGLpGAKG	Collagen α-1(I) chain	CO1A1_HUMAN	522 - 539	1654.79	Down
57531	1737.78	31.00	TGSpGSpGPDGKTGPPGpAG			541 - 560	1737.78	Down
27517	1250.56	27.93	ApGDRGEpGPpGP			798 - 810	1250.55	Down
130747	3359.58	31.90	PpGADGQPGAKGEpGDAGAKGDAGPpGPAGPAGPpGPIG			816 - 854	3359.57	Down
115491	2942.30	22.23	ESGREGApGAEGSpGRDGSpGAKGDRGETGP			1011 - 1041	2942.30	Down
70413	2007.95	22.10	DGESGRpGRpGERGLpGPpG	Collagen α-1(III) chain	CO3A1_HUMAN	230 - 249	2007.94	Down
61573	1825.79	20.13	DEAGSEADHEGTHSTKR	Fibrinogen α chain	FIBA_HUMAN	605 - 621	1825.78	Down
64256	1882.80	20.24	DEAGSEADHEGTHSTKRG			605 - 622	1882.80	Down
98089	2559.18	19.41	DEAGSEADHEGTHSTKRGHAKSRP			605 - 628	2559.18	Up
74187	2080.94	20.20	DAHKSEVAHRFKDLGEEN	Serum albumin	ALBU_HUMAN	25 - 42	2080.99	Up
89325	2356.15	19.52	DAHKSEVAHRFKDLGEENFK			25 - 44	2356.16	Up
92698	2427.18	19.58	DAHKSEVAHRFKDLGEENFKA			25 - 45	2427.19	Up
97301	2540.26	19.68	DAHKSEVAHRFKDLGEENFKAL			25 - 46	2540.28	Up
102392	2639.32	19.78	DAHKSEVAHRFKDLGEENFKALV			25 - 47	2639.35	Up

Abbreviations: AA, amino acid; AKI, acute kidney injury; CE, capillary electrophoresis; Da, Dalton; min, minutes; MS, mass spectrometry.

[a] Peptide identification number; [b] Lower case p indicates hydroxyproline; [c] Amino acid positions in the proteins primary sequence according to UniProt Knowledge Base numbering.