

Supplemental table 1: Detailed information of 62 endogenous decay-markers: S(+79.97); phosphorylation of serine. Q(-17.03); Pyroglutamate. C(+79.97); Phosphorylation of cysteine. K(+42.01); Acetylation of lysine.

	Protein Symbol	Uniprot accession	position	[M+H]⁺	m/z	charge state	Peptid-Sequenz
Serum Albumin	ALB	P02768	444-452	1.001,56	501.28	2	S.TPTLVEVSR.N
Complement C3	C3	P01024	1311-1319	942,47	471.74	2	I.HWESASLL.R
			1303-1320	2.021,10	506.03	4	R.SSKITHRIHWESASLLR.S
Prothrombin	F2	P00734	318-327	1.288,60	644.80	2	T.SEYQTFNPR.T
			317-327	1.389,64	695.33	2	A.TSEYQTFNPR.T
			316-320	1.460,68	730.85	2	T.ATSEYQTFNPR.T
			315-320	1.561,73	781.37	2	R.TATSEYQTFNPR.T
Coagulation factor XIII A chain precursor	F13A1	P00488	13-38	2.758,41	924.81	3	R.RAVPPNNSNAAEDDLPTVELQGVVPR.G
			7-38	3.347,71	1116.58	3	R.TAFGGRRAVPPNNSNAAEDDLPTVELQGVVPR.G
Fibrinogen alpha chain	FGA	P02671	20-34	1.380,59	690.80	2	T.ADSGEGDFLAEGGGV.R
			20-35	1.616,66	808.84	2	T.ADS(+79.97)GEGDFLAEGGGVR.G
			21-34	1.309,55	655.28	2	A.DSGEGDFLAEGGGV.R
			21-35	1.465,66	733.33	2	A.DSGEGDFLAEGGGVR.G
			21-35	1.545,63	773.31	2	A.DS(+79.97)GEGDFLAEGGGVR.G
			22-35	1.350,63	675.82	2	D.SGEGDFLAEGGGVR.G
			23-34	1.107,50	554.25	2	S.GEGDFLAEGGGV.R
			23-35	1.263,60	632.30	2	S.GEGDFLAEGGGVR.G
			24-34	1.050,47	525.74	2	G.EGDFLAEGGGV.R
			24-35	1.206,57	603.79	2	G.EGDFLAEGGGVR.G
			26-35	1.020,51	510.76	2	G.DFLAEGGGVR.G
			28-35	758,42	379.71	2	F.LAEGGGVR.G
			427-442	1.876,97	626.33	3	R.EYHTEKLVTSKGDKEL.R
			511-527	1.886,88	629.63	3	R.HRHPDEAAFFDTASTGK.T
			576-586	1.208,54	604.77	2	K.SSSYSKQFTSS.T
			576-598	2.553,10	851.71	3	K.SSSYSKQFTSSTS SYNRGDSTFES.K
			576-600	2.768,23	923,42	3	K.SSSYSKQFTSSTS SYNRGDSTFESKS.Y
			576-603	3.190,43	798.36	4	K.SSSYSKQFTSSTS SYNRGDSTFESKSYKM.A
			577-595	2.102,93	1051.97	2	S.SSYSKQFTSSTS SYNRGDST.F
577-598	2.466,07	822.69	3	S.SSYSKQFTSSTS SYNRGDSTFES.K			
580-604	2.837,30	710.08	4	Y.SKQFTSSTS SYNRGDSTFESKSYKMA.D			

			584-600	1.853,81	927.41	2	F.TSSTSYNRGDSTFESKS.Y
			592-604	1.450,65	725.83	2	R.GDSTFESKSYKMA.D
			600-623	2.464,08	616.77	4	K.SYKMADEAGSEADHEGTHSTKRG.H
			600-625	2.672,18	891.40	3	K.SYKMADEAGSEADHEGTHSTKRGHA.K
			600-629	3.239,52	648.71	5	K.SYKMADEAGSEADHEGTHSTKRGHAKSRPV.R
			602-629	2.989,43	748.11	4	Y.KMADEAGSEADHEGTHSTKRGHAKSRPV.R
			603-629	2.861,33	954.45	3	K.MADEAGSEADHEGTHSTKRGHAKSRPV.R
			606-625	2.091,91	697,97	3	A.DEAGSEADHEGTHSTKRGHA.K
Fibrinogen beta chain	FGB	P02675	32-40	980,40	490.70	2	Q.GVNDNEEGF.F
			35-43	1.015,40	508.20	2	N.DNEEGFFSA.R
			34-42	1.058,41	529.71	2	V.NDNEEGFFS.A
			33-41	1.070,44	535.73	2	G.VNDNEEGFF.S
			31-40	1.091,42	546.22	2	S.Q(-17.03)GVNDNEEGF.F
			32-41	1.127,46	564.24	2	Q.GVNDNEEGFF.S
			34-43	1.129,44	565.23	2	V.NDNEEGFFSA.R
			32-42	1.214,50	607.75	2	Q.GVNDNEEGFFS.A
			33-43	1.228,51	614.76	2	G.VNDNEEGFFSA.R
			32-43	1.285,53	643.27	2	Q.GVNDNEEGFFSA.R
			31-42	1.325,52	663.27	2	S.Q(-17.03)GVNDNEEGFFS.A
			31-43	1.396,56	698.79	2	S.Q(-17.03)GVNDNEEGFFSA.R
31-44	1.495,64	776.84	2	S.Q(-17.03)GVNDNEEGFFSAR.G			
L-Fucose Kinase	FUK	Q8N0W3	612-622	1.107,49	554.25	2	A.DVLGCMAEGRG.G
			609-622	1.380,61	690.80	2	A.CVADVLGCMAEGRG.G
			609-622	1.460,58	730.79	2	A.C(+79.97)VADVLGCMAEGRG.G
Inter-alpha-trypsin inhibitor heavy chain H4	ITIH4	Q14624	674-682	904,42	452.71	2	P.GPPDVPDHA.A
			674-687	1.462,67	488.23	3	G.PPDVPDHAAYHPF.R
			630-644	1.595,85	532.62	3	L.Q(-17.03)GAKIPKPEASFSPR.R
Kininogen-1	KNG1	P01042	381-388	904,47	452.74	2	K.RPPGFSPF.R
			443-456	1.659,76	553.92	3	G.HGKHERDQGHGHQ.R
			438-456	2.209,06	737.03	3	R.KHNLGHGKHERDQGHGHQ.R
Thymosin beta-4	TMSB4X	P62328	2-23	2.610,33	653.34	4	M.SDK(+42.01)PDMAEIEKFDKSKLKKKTET.Q
			24-44	2.370,18	790.73	3	T.QEKNPLPSKETIEQEKQAGES