

Supplementary Table S1. List of peptides identified in fraction C by using nano-LC-ESI-MS/MS.

No.	peptide sequence	length	charge	mass	score	intensity	% of area
1	ITTNPYDYHY	10	2	1285.56152	124.08	1.17E+10	26.84
2	LRVAPEEHPTL	11	2	1260.68264	153.05	9.18E+09	21.07
3	ITTNPYDY	8	1	985.439277	191.63	8.48E+09	19.47
4	IGWSPLGSL	9	1	928.501818	209.44	8.30E+09	19.04
5	MQLQKKIKELQA	12	2	1456.84357	179.57	8.05E+08	1.85
6	NERFRCPETL	10	2	1320.62447	153.24	7.16E+08	1.64
7	FQHRIPEQW	10	2	1367.70985	196.88	5.22E+08	1.20
8	ITKQEYDEAGPSIVHRKCF	19	3	2277.1212	175.21	4.01E+08	0.92
9	AEEKARREEEDAKRKAEDDLK	24	4	2899.54755	110.44	3.31E+08	0.76
10	DRAEQAEADKKAAEERSKQLEDEL	24	4	2758.33694	119.73	3.03E+08	0.69
11	KIKIAPPER	10	2	1163.73903	144.77	2.82E+08	0.65

12	DTKQPRQYFIG	11	2	1351.68845	103.19	2.54E+08	0.58
13	LTYQSEEDRKNVLR	15	3	1862.98503	81.311	2.18E+08	0.50
14	FQKPKPGKGKAEAHF	15	4	1668.91001	83.869	1.93E+08	0.44
15	NVIGPWIQTKM	11	2	1285.68528	90.15	1.74E+08	0.40
16	LRKKHADSTAEL	12	2	1367.75211	116.3	1.46E+08	0.33
17	IDRCEVGTTHWTQC	14	3	1761.75629	88.73	1.15E+08	0.26
18	VVKVLDTPGPPSHVTTKD	18	3	1889.02583	112.55	8.20E+07	0.19
19	LRLKKKMEGDLNEME	15	2	1832.94884	169.62	7.46E+07	0.17
20	EIKAKNALAHAL	12	2	1277.74557	110.41	7.27E+07	0.17
21	LKTAIGKAGYSDKVVIG	17	2	1718.99307	140.33	6.57E+07	0.15
22	LDDLQKLKQRL	11	2	1368.8089	185.6	5.96E+07	0.14
23	AVKASEPPLPPGKVTL	16	2	1602.93449	124.51	5.07E+07	0.12
24	SEIKTKEEEHQRMINDVNA	19	3	2270.09611	88.574	4.86E+07	0.11

25	VLDPDGKGSIKKSF	14	2	1489.81404	126.34	4.18E+07	0.10
26	EASQKESRSLSTEL	14	2	1563.77403	108.53	4.04E+07	0.09
27	LKEQTDQHRIPKEQW	16	2	2082.06467	151.56	3.42E+07	0.08
28	VMSGGTTMYPGIADR	15	2	1554.71705	87.001	2.90E+07	0.07
29	AVLDETIK	9	1	958.533512	152.63	2.68E+07	0.06
30	SKEGGKVTVKTEGGETL	17	2	1718.90504	220.76	2.52E+07	0.06
31	EARNAEEKAKKAITDA	16	2	1743.91153	151.74	2.11E+07	0.05
32	QVHDIPGPPTGPIKF	15	2	1601.85658	142.97	1.83E+07	0.04
33	VQCNDAPVKICKYPVTGL	18	2	2061.03872	125.53	1.71E+07	0.04
34	SLINTKKKLETDIVQ	15	2	1728.99855	89.266	1.54E+07	0.04
35	ESAGIHETTYNS	12	2	1307.56297	107.47	1.50E+07	0.03
36	PVVAQYPYKEPGPPGTPF	18	2	1942.9829	100.88	1.49E+07	0.03
37	YDQHLGKSNNFQKPKPAK	18	2	2099.09122	150.12	1.47E+07	0.03

38	GKVTVKTEGGETL	13	2	1317.714	159.09	1.46E+07	0.03
39	LLITTPYDYHY	12	2	1511.72965	121.25	1.45E+07	0.03
40	NISGWLDKNKD	11	2	1288.64116	86.882	1.45E+07	0.03
41	IVRALGQNPTNAEIN	15	2	1608.85837	88.155	1.44E+07	0.03
42	ALIHRHRPDLID	12	2	1454.81063	86.67	1.43E+07	0.03
43	AWAPPLHDGGSSISHY	16	2	1693.78487	79.489	1.42E+07	0.03
44	NQQLDTKQPRQYF	13	2	1664.82707	102.06	1.40E+07	0.03
45	MQLQKKIKEL	10	2	1257.74788	122.52	1.37E+07	0.03
46	NLQQEIADL	9	1	1042.52949	132.08	1.36E+07	0.03
47	SLEHEEGKILR	11	2	1309.69901	140.17	1.36E+07	0.03
48	KVEIPVSGKPLPKVT	15	2	1590.97088	92.457	1.36E+07	0.03
49	SVVANYPFKVPGPPGTPQVI	20	2	2066.12006	86.803	1.35E+07	0.03
50	EIKAKNALAHALQSA	15	2	1563.87329	122.46	1.35E+07	0.03

51	MQQGGAPTPFDRNF	14	2	1564.70926	104.82	1.35E+07	0.03
52	LGSIDIDHTQYKFGHTK	17	2	1958.98503	116.51	1.34E+07	0.03
53	LKRHLEEEIKAKNALAHA	18	4	2070.16981	91.457	1.34E+07	0.03
54	MQAKGSEKWSEC	12	2	1439.61733	88.056	1.32E+07	0.03
55	AEASLEHEEGKILRL	15	2	1693.8999	103.2	1.31E+07	0.03
56	KALPTGYSLPKDTPGFQ	17	2	1818.9516	101.62	1.31E+07	0.03
57	VVQWNEPVNDGGSK	14	2	1527.73177	103.34	1.31E+07	0.03
58	PIFLPSPPSKP	11	2	1178.66995	92.439	1.30E+07	0.03
59	VIKHTEPVPDPRAVNQ	16	2	1798.96898	98.156	1.28E+07	0.03
60	VPGVGVPGVG	10	1	836.475603	109.88	1.28E+07	0.03
61	EEAEASLEHEEGKILRLQL	19	3	2193.12773	100.35	1.28E+07	0.03
62	IITNWDDMEKIWHHTF	16	3	2084.97783	103.21	1.27E+07	0.03
63	DCRKNVLGHMQQ	12	2	1484.69765	113.69	1.25E+07	0.03

64	KVEDIHAGKYRF	12	3	1461.77285	130.1	1.24E+07	0.03
65	IQLKEAKHIAEE	12	2	1407.77218	149.49	1.24E+07	0.03
66	QASLEEAEEASLEHEEGKILRL	21	3	2351.19687	97.457	1.24E+07	0.03
67	YPYKVPGPPGTPF	13	2	1418.72344	100.02	1.23E+07	0.03
68	LTEAPLNPKANREKMT	16	2	1811.95637	80.69	1.23E+07	0.03
69	IEELKRHLEE	10	3	1294.68811	102.06	1.23E+07	0.03
70	EINKILGNPSKEEMN	15	2	1714.85598	109.24	1.22E+07	0.03
71	ITKQEYDEAGP	11	2	1249.58265	81.594	1.22E+07	0.03
72	EEAKKKLAQRLQD	13	2	1555.8682	132.32	1.20E+07	0.03
73	LEGEVDSEQKRSAAVKGVR	20	3	2186.12912	142.3	1.20E+07	0.03
74	DDMEKIWHHT	10	2	1310.57137	118.5	1.12E+07	0.03
75	ASLEHEEGKILRLQL	15	2	1734.96283	84.718	1.11E+07	0.03
76	IHIMPDTPEITL	12	2	1378.71664	82.452	1.09E+07	0.03

77	RKGIVVRAGGSA	12	3	1169.69929	103.21	1.08E+07	0.02
78	ANVIGPWIQTKM	12	1	1356.72239	99.815	1.08E+07	0.02
79	RKIAEKDEEIDQL	13	2	1585.83115	86.014	1.07E+07	0.02
80	AKVEKEKHATENKVKNLTEEM	21	2	2471.26899	82.102	1.07E+07	0.02
81	AEADSLADAEERCDDL	16	2	1791.75812	87.719	1.05E+07	0.02
82	FHLSWKDGLGL	11	1	1271.66626	144.77	1.03E+07	0.02
83	PIFLPSPSKPKIMD	15	2	1665.9164	85.958	1.01E+07	0.02
84	NAEEKAKKAITDA	13	2	1387.73071	138.45	9.94E+06	0.02
85	SWDPPDYTGGCQ	12	2	1381.52448	102.06	9.83E+06	0.02
86	TDFQHRIPEQW	12	2	1583.78447	107.03	9.76E+06	0.02
87	IKWEKPESDGGSKITGY	17	2	1893.94724	93.766	9.55E+06	0.02
88	LVIIEGDLERAEE	13	2	1484.77224	85.256	9.18E+06	0.02
89	VKALDPFTVPSPTSL	16	2	1667.91342	81.525	8.78E+06	0.02

90	NTIVVVAGNKVRL	13	2	1381.84053	81.865	8.16E+06	0.02
91	QVQAEADSLADAEERCDDL	19	2	2146.94369	77.912	8.12E+06	0.02
92	AVRSTVRIGL	10	3	1070.65603	100.69	8.10E+06	0.02
93	IHIMPDTPEITL	12	1	1378.71664	131.06	7.75E+06	0.02
94	VITVQVHDIPGPPTGPIKF	19	2	2014.12515	64.675	7.57E+06	0.02
95	AEKAADESERGMKVIEN	17	2	1875.89964	117.07	6.44E+06	0.01
96	PFKLPGPPGTPF	12	1	1253.68084	97.431	5.53E+06	0.01
97	PFTVPSPTSL	11	2	1141.60193	102.72	4.47E+06	0.01