

Suppl. Table 2 Summary table from MASCOT identification for all of the identified proteins that were differentially expressed ($P = 0.02$) between anorexic tumor-bearing mice, pair-fed mice and free-fed mice.

Spot no.	Protein name	Database nr. (NCBI)	Theoretical Mr	Theoretical pI	Matches/Sequence coverage	MASCOT score MS	MASCOT score MS/MS	MASCOT peptides identified by MS/MS
1	Heat shock protein 70 cognate	NCBI/ gi 309319	71021	5,37	10(5)/16%	367	55	VEIANDQGNR
							66	TTPSYVAFTDTER
							65	NQVAMNPTNTVFDK + Oxidation (M)
							47	TVTNAVVTVPAYFNDSQR
							21	STAGDTHLGGEDFDNR
							14	STAGDTHLGGEDFDNR
							23	MVNHFIAEFK + Oxidation (M)
							18	MVNHFIAEFK + Oxidation (M)
							46	ARFEELNADLFR
49	LLQDFFNGK							
2	Transaldolase	NCBI/ gi 85544436	37534	6,57	2(1)/4%	71	18	NAIDKLFVLFGAEILK
							53	LFVLFGAEILK
4	Spectrin α 2 (Spna2), partial	NCBI/ gi 20380003	156610	5,29	5(2)/4%	177	55	DLSSVQTLTK
							65	QETFDAGLQAFQQEGIANITALK
							33	SSLSSAQADFNQLAELDR
							31	SSEEIESAFR
							28	SSEEIESAFR
5	Guanine nucleotide-binding protein G(0) subunit alpha isoform A	NCBI/ gi 6754012	40629	5,34	11(3)/35%	356	37	LFDVGGQR
							53	YYLDSLDR
							79	LLLLGAGESGK
							44	TTGIVETHFTFK
							14	IHEDGFSGEDVK
							21	AMD ^U TLGVEYGDKER + Oxidation (M)
							30	IGAGDYQPTAQDILR
							(19)	MEDTEPFSAELLSAMMR + 3 Oxidation (M)
							31	MEDTEPFSAELLSAMMR + 3 Oxidation (M)
47	QYKPVVYSNTIQSLAAIVR							
6	Selenium-binding protein 1	NCBI/ gi 22164798	53051	5,87	7(3)/15%	269	67	NTGTEAPDYLATVDVDPK
							25	LILPGLISSR
							74	IYVVDVGSEPR
							10	IYVVDVGSEPR

16 VASSVPVENFTIHGGLSR
 14 QILLPFR
 19 KPLIVFTPK
 25 TSFDEMLPGTHFQR + Oxidation (M)
 27 TSFDEMLPGTHFQR + Oxidation (M)
 1 VYYDLTR
 48 NMEEEEVAITR + Oxidation (M)
 46 IEQLSPFPFDLLLK
 25 IEQLSPFPFDLLLK

11	Dynamamin-1	NCBI/ gi 32172431	98140	7,61	24(16)/ 27%	1107	65	SSVLENFVGR
							35	FTDFEEVR
							76	FTDFEEVRLEIEAETDR
							45	LEIEAETDR
							46	GISVPINLR
							44	VYSPHVLNLTLDLPG <u>M</u> TK + Oxidation (M)
							50	VPVGDQPPDIEFQIR
							90	VPVGDQPPDIEFQIR
							14	D <u>M</u> L <u>M</u> QFVTK + 2 Oxidation (M)
							8	ENCLILAVSPANSDLANSALK
							80	LDL <u>M</u> DEGTDAR + Oxidation (M)
							22	LDL <u>M</u> DEGTDARDVLENK + Oxidation (M)
							37	GYIGVVNR
							64	DITAALAAER
							41	LQSLLSIEK
							73	ALLQ <u>M</u> VQQFAVDFEK + Oxidation (M)
							66	ALLQ <u>M</u> VQQFAVDFEK + Oxidation (M)
							46	RIEGSGDQIDTYELSGGAR
							55	IEGSGDQIDTYELSGGAR
							28	FPFELVK
							55	TGLFTP <u>D</u> MAFETIVK + Oxidation (M)
							76	TSGNQDEILVIR
							47	Y <u>M</u> LSVDNLK + Oxidation (M)
							73	NLVDSY <u>M</u> AIVNK + Oxidation (M)

12	Atp5b protein (ATP synthase beta-subunit)	NCBI/ gi 23272966	56632	5,24	7(5)/ 21%	473	62	IGLFGGAGVGK
							71	TVL <u>M</u> ELINNVAK + Oxidation (M)
							12	VALVYGQ <u>M</u> NEPPGAR + Oxidation (M)
							115	FTQAGSEVSALLGR
							59	IPSAVGYQPTLATD <u>M</u> G <u>T</u> M <u>Q</u> ER + 2 Oxidation (M)
							38	I <u>M</u> DPNIVGNEHYDVAR + Oxidation (M)
							118	SLQDIHAILG <u>M</u> DELSEEDKLTVSR + Oxidation (M)

13	Dihydropyrimidinase-related protein 2	NCBI/ gi 40254595	62638	5,95	22(14)/ 49%	1189	123	IVNDDQSFYADIY <u>M</u> EDGLIK + Oxidation (M)
							71	IVNDDQSFYADIY <u>M</u> EDGLIK + Oxidation (M)
							21	QIGENLIVPGGVK
							38	FQ <u>M</u> PDQ <u>G</u> M <u>T</u> SADDFQGTK + 2 Oxidation (M)
							64	FQ <u>M</u> PDQ <u>G</u> M <u>T</u> SADDFQGTK + 2 Oxidation (M)
							74	AALAGGTT <u>M</u> IIDHVPEPGTSLAAFDQWR + Oxidation (M)
							38	GIQE <u>E</u> MEALVK + Oxidation (M)
							77	DRFQLTDSQIYEVLVIR
							121	FQLTDSQIYEVLVIR
							82	DIGAIQVHAENGDIIEEQQR
							55	ILDLGITGPEGHVLSRPEEVEAEAVNR
							69	SITIANQTNCPYVTK
							83	SAAEVIAQAR
							125	<u>M</u> DENQFVAVTSTNAAK + Oxidation (M)
							66	<u>M</u> DENQFVAVTSTNAAK + Oxidation (M)
							44	VFNLVPR
							57	ISVGSADLVIWDPDSVK
							72	GSPLVVISQGK
							41	IVLEDGTLHVTEGSGR
35	IVLEDGTLHVTEGSGR							
19	KFPDFVYK							
26	NLHQSGFSLGAQIDDNIPR							
14	N-Ethylmaleimide-Sensitive Factor (SKD2)	NCBI/ gi 557878	83131	6,52	53(25)/ 59%	2366	32	DFQSGQH <u>V</u> MVR + Oxidation (M)
							18	DFQSGQH <u>V</u> MVR + Oxidation (M)
							23	YIFTLR
							75	WAGLSIGQDIEVALYSFDK
							39	WAGLSIGQDIEVALYSFDK
							72	QCIGT <u>M</u> TIEIDFLQK + Oxidation (M)
							24	NIDSNPYDTDK
							30	LFGLLVK
							36	LFGLLVK
							58	DIEA <u>M</u> DPSILK + Oxidation (M)
							80	QKIEVGLVVGNSQVAFEK
							26	QKIEVGLVVGNSQVAFEK
							120	IEVGLVVGNSQVAFEK
							63	AENSSLNLIGK
							27	QSIINPDWNFEK
41	<u>M</u> GIGGLDK + Oxidation (M)							
64	<u>M</u> GIGGLDKEFSDFR + Oxidation (M)							
69	<u>M</u> GIGGLDKEFSDFR + Oxidation (M)							

32 VFPPEIVEQMGCK + Oxidation (M)
45 VFPPEIVEQMGCK + Oxidation (M)
30 GILLYGPPGCGK
55 VVNGPEILNK
61 YVGESEANIR
95 KLFADAE⁴EEQR
70 LFADAE⁴EEQR
23 LFADAE⁴EEQRR
75 LGANSGLHIIIFDEIDAICK
57 GSMAGSTGVHDTVVNQLLSK + Oxidation (M)
51 MEIGLPDEK + Oxidation (M)
39 MEIGLPDEKGR + Oxidation (M)
33 LQILHIHTAR
87 GHQLLSADVDIK
73 NFGAELEGLVR
26 VEVDMEKAESLQVTR + Oxidation (M)
32 AESLQVTR
24 WGD⁴PVTR
84 VLDDGELLVQQTK
81 TPLVSVLLEGPPHSGK
41 IAESNFPFIK
31 MIGFSETAK + Oxidation (M)
35 KIFDDAYK
101 SQLSCVVDDIER
52 LLDYVPIGPR
112 FSNLVLQALLVLLK
27 FSNLVLQALLVLLKK
45 KLLIIGTTSR
39 LLIIGTTSR
25 TTIAQQVK
60 LLMLIEMSLQMDPEYR + 3 Oxidation (M)
66 LLMLIEMSLQMDPEYR + 3 Oxidation (M)
20 FLALMR + Oxidation (M)
4 FLALMREEGASPLDFD + Oxidation (M)
36 EEGASPLDFD
