

Supplementary Table 1. Identified protein that showed differential expression in worms grown with CS

Code No.	Gene name	Protein identified	Accession No.	Mass (Da)	pI value	Changed -fold	Match %	MASCOT Score
191	<i>hsp-1</i>	Molecular chaperone	CE09682	69965	5.44	+1.51	41	157
279	ZK829.4	dehydrogenase	CE06652	59214	6.90	-1.60	41	185
315	<i>vha-12</i>	Vacuolar H ⁺ ATPase V1 sector	CE04424	55001	5.34	+1.51	29	12
337	<i>tbb-1</i>	Beta tubulin	CE16197	50662	4.79	+2.11	31	80
340	<i>eef-1A.1</i>	Translation elongation factor EF-1 alpha	CE01270	51092	9.07	-2.37	26	71
395	K02F2.2	S-adenosyl homocysteine hydrolase	CE17154	47905	5.85	-1.58	43	155
405	<i>sams-1</i>	S-adenosyl methionine synthase	CE08852	43840	6.02	-2.54	34	101
410	<i>pmt-2</i>	SAM-dependent methyltransferase	CE11068	49909	5.61	-2.62	32	152
423	<i>act-5</i>	Actin and related protein	CE16463	42131	5.44	+1.54	26	69
454	F13H8.7	C-N hydrolase	CE02641	43398	5.92	-1.51	32	91
457	<i>acd-1</i>	Acyl-CoA dehydrogenase	CE09015	47574	6.42	-2.79	45	166
515	R07H5.8	Adenosine kinase	CE12564	37917	5.67	-2.27	69	229
521	<i>lec-5</i>	Galectin	CE29645	35529	7.74	+2.38	34	103
552	<i>rla-0</i>	Ribosomal protein, large subunit	CE09655	33867	6.27	-2.53	40	96
564	<i>rla-0</i>	Ribosomal protein, large subunit	CE09655	33867	6.27	+1.73	38	85

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574	T14D7.1	Alanine-glyoxylate aminotransferase	CE23985	44268	8.39	+2.01	27	59
593	<i>rack-1</i>	G protein beta subunit-like protein	CE06090	36150	6.44	-1.65	62	162
606	<i>ltd-1</i>	Regulatory protein MLP and related LIM protein	CE32687	84111	8.34	ND	15	48
621	<i>lec-1</i>	Galectin	CE16576	31790	6.12	+2.46	77	253
635	<i>nex-1</i>	Annexin	CE01431	35731	6.13	+2.58	62	203
693	<i>phb-1</i>	Prohibitin	CE26775	29970	6.93	-1.46	56	145
697	<i>ftt-2</i>	Multifunctional chaperone	CE36489	34278	4.8	+1.59	46	144
702	<i>ech-6</i>	Enol-CoA hydratase	CE00318	31380	8.58	-1.83	60	189
711	F54H12.6	Elongation factor 1 beta/delta chain	CE00548	22690	4.38	-1.51	46	115
721	<i>vha-8</i>	Vacuolar H ⁺ -ATPase V1 sector, subunit E	CE19362	25742	6.78	-1.64	64	178
981	<i>lbp-6</i>	Fatty acid-binding protein	CE14426	15631	6.77	-1.56	60	123
1027	Y22D7AL.10	Mitochondria chaperonin	CE27242	11842	9.26	-1.57	73	107

ND, not determined