

**Supplementary table 4:** Significantly changed unique proteins due to STLC-induced apoptosis in one direction.

The number of queries reported in the ApoptoProteomics database (APdb) is displayed. H/L, heavy/light= control/apoptosis.

Protein name	UniProt accession	No. protein spots	Ratio H/L high	Ratio H/L low	APdb
<b><i>Proteins with fold change &gt; 3.796 or &lt; 0.188</i></b>					
28 kDa heat- and acid-stable phosphoprotein	Q13442		4.52		1
2-oxoisovalerate dehydrogenase subunit alpha, mitochondrial	P12694			0.05	0
40S ribosomal protein S3	P23396			0.04	2
60 kDa heat shock protein, mitochondrial	P10809			0.02	9
60S ribosomal protein L13	P26373		5.07		1
Acetyl-CoA acetyltransferase, mitochondrial	P24752			0.12	0
Actin, cytoplasmic 1	P60709			0.00	14
Alcohol dehydrogenase (NADP+)	P14550			0.08	0
Alpha-aminoadipic semialdehyde synthase, mitochondrial	Q9UDR5			0.18	0
Arrestin domain-containing protein 1	Q8N5I2			0.17	0

Ashwin	Q9BVC5	0.16	0
Calreticulin	P27797	0.02	2
cAMP-dependent protein kinase type II-alpha regulatory subunit	P13861	6.29	0
Cleavage stimulation factor 64 kDa subunit	P33240	4.60	0
Creatine kinase B-type	P12277	0.07	1
CTP synthase 1	P17812	0.03	0
Cytoplasmic protein NCK1	P16333	3.95	1
Cytosol aminopeptidase	P28838	0.04	1
DEP domain-containing mTOR-interacting protein	Q8TB45	0.16	0
Dihydrolipoyl dehydrogenase, mitochondrial	P09622	0.05	0
DNA-directed RNA polymerases I and III subunit RPAC1	O15160	0.11	0
DnaJ homolog subfamily C member 8	O75937	0.11	1
Dual specificity mitogen-activated protein kinase kinase 2	P36507	0.04	2
Endophilin-A2	Q99961	0.11	0
Erlin-2	O94905	7.52	1
Far upstream element-binding protein 1	Q96AE4	4.30	7
F-box-like/WD repeat-containing protein TBL1XR1	Q9BZK7	0.06	2

FK506-binding protein 10	Q96AY3	4.47	1
GDH/6PGL endoplasmic bifunctional protein	O95479	0.15	0
General transcription factor IIF subunit 1	P35269	0.17	1
Glutamate dehydrogenase 1, mitochondrial	P00367	0.05	2
Glutathione reductase, mitochondrial	P00390	0.17	1
Heterogeneous nuclear ribonucleoprotein A3	P51991	6.03	6
Heterogeneous nuclear ribonucleoprotein G	P38159	0.04	3
Histone-binding protein RBBP4	Q09028	0.02	2
Lactotransferrin	P02788	0.01	0
Lamin-B2	Q03252	0.06	6
Leucine-rich repeat-containing protein 47	Q8N1G4	4.83	2
Lipoma-preferred partner	Q93052	10.69	1
Liver carboxylesterase 1	P23141	0.04	0
Moesin	P26038	4.40	2
Myosin-10	P35580	0.05	2
Nascent polypeptide-associated complex subunit alpha	Q13765	0.03	9
Neural Wiskott-Aldrich syndrome protein	O00401	4.40	0
Neuroserpin	Q99574	0.12	0

Nucleolar RNA helicase 2	Q9NR30	0.18	0
Nucleophosmin	P06748	0.10	5
Phosphoribosylformylglycinamide synthase	O15067	5.20	0
Polyadenylate-binding protein 4	Q13310	0.08	4
Polypyrimidine tract-binding protein 1	P26599	0.13	8
Protein disulfide-isomerase	P07237	0.09	6
Protein disulfide-isomerase A3	P30101	0.03	9
Protein disulfide-isomerase A5	Q14554	0.14	0
Protein disulfide-isomerase A6	Q15084	0.13	0
Protein MTO1 homolog, mitochondrial	Q9Y2Z2	0.17	0
Protein NDRG1	Q92597	3.95	1
Protein NDRG3	Q9UGV2	4.80	0
Protein PPRC1	Q96M27	0.07	0
Radixin	P35241	5.35	1
Regulation of nuclear pre-mRNA domain-containing protein 1B	Q9NQG5	0.04	0
Regulator of chromosome condensation	P18754	0.10	0
Replication factor C subunit 4	P35249	0.11	1
RNA-binding protein 12	Q9NTZ6	0.13	0

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RNA-binding protein NOB1	Q9ULX3	3.91	0
S-adenosylmethionine synthetase isoform type-2	P31153	7.15	0
Selenium-binding protein 1	Q13228	0.09	0
Septin-9	Q9UHD8	0.18	0
Serpin H1	P50454	0.05	0
Small glutamine-rich tetratricopeptide repeat-containing protein alpha	O43765	5.68	0
Splicing factor 3B subunit 1	O75533	4.25	0
Splicing factor, arginine/serine-rich 3	P84103	4.49	1
Splicing factor, arginine/serine-rich 9	Q13242	0.16	3
Stathmin	P16949	26.60	5
T-complex protein 1 subunit zeta	P40227	4.35	2
Transformer-2 protein homolog alpha	Q13595	4.60	0
Tripeptidyl-peptidase 1	O14773	5.96	0
Vacuolar protein sorting-associated protein 4B	O75351	0.02	0
Xaa-Pro dipeptidase	P12955	0.05	0

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