Appendix II – Chapter 2 Supplementary Information

Supplementary Information

Label-Free Quantitative Proteomics Analysis of Producer and Non-producer Chinese Hamsters Ovary (CHO) Cells under ER Stress Conditions

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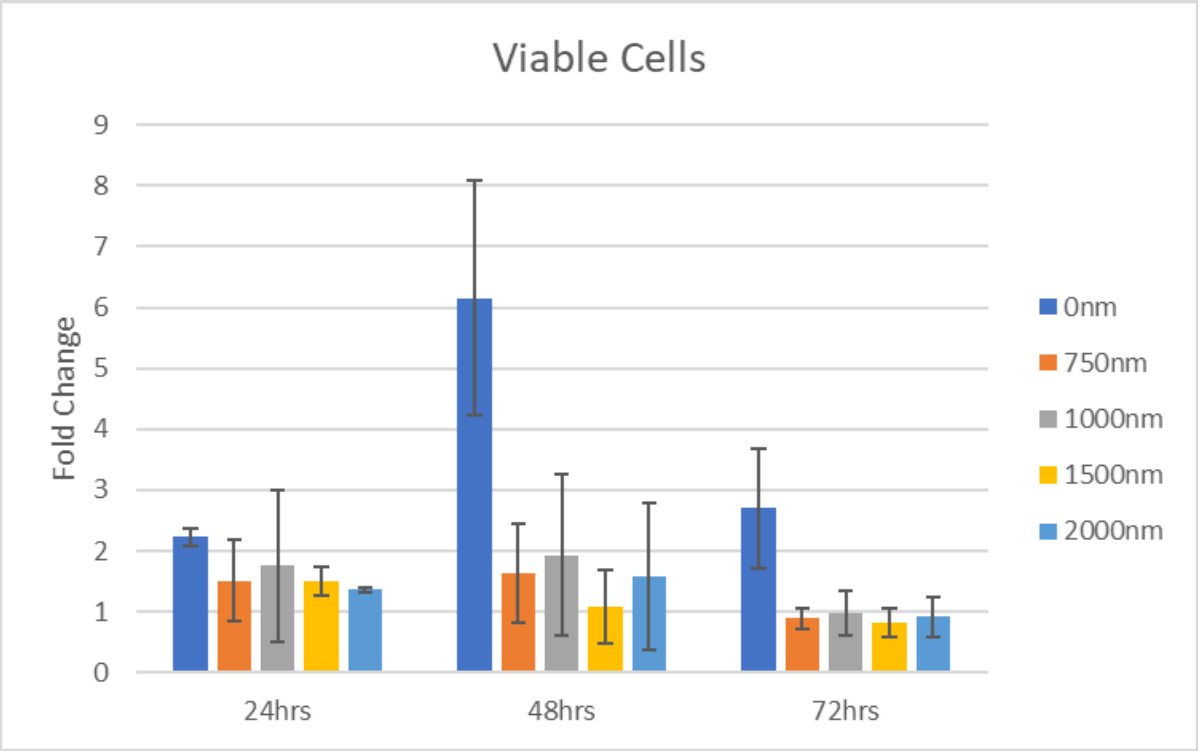


Figure 1: Viable cell fold change in CHO-K1 cells exposed to a range of Thapsigargin concentrations to determine optimal conditions for ER stress induction.

Table 1. Differentially expressed proteins in CHO DP-12 cell line upon thapsigargin exposure.

Accession	Peptide count	Unique peptides	Confidence score	Anova (p)	Max fold change	Highest mean condition	Lowest mean condition	Description
G3IFZ0	17	17	40.28613269	1.53E-06	28.2068698	CHOK1	TG 72 hour	Antigen KI-67 |MKI67
G3IDD4	16	16	46.76580822	0.000617	1.892807495	CHOK1	TG 48 hour	SERPINH1 |SERPINH1
G3I5N5	14	14	35.71802664	0.001134	2.754513553	CHOK1	TG 48 hour	DNA topoisomerase 2 |TOP2A
G3HMY0	13	13	42.3472681	1.30E-07	14.73241865	CHOK1	TG 72 hour	3-hydroxy-3-methylglutaryl coenzyme A synthase |HMGCS1
G3GWB3	13	13	35.87474728	4.25E-05	3.629372725	CHOK1	TG 24 hour	Alpha-2-macroglobulin receptor-associated protein |LRPAP1
G3HMQ0	12	12	29.29508054	7.84E-06	3.665455644	CHOK1	TG 48 hour	Peptidylprolyl isomerase |FKBP9
G3GZ90	11	11	33.38902485	4.60E-07	6.76242448	CHOK1	TG 48 hour	Calumenin |CALU
G3I2D8	11	11	32.18623066	0.000281	1.875995168	CHOK1	TG 72 hour	Band 4.1-like protein 2 |EPB41L2
G3ILN5	10	10	29.1781702	2.91E-07	3.744452977	CHOK1	TG 48 hour	Reticulocalbin-3 |RCN3
G3H0E4	10	10	29.00357354	9.38E-05	2.856477379	CHOK1	TG 72 hour	Chondroitin sulfate proteoglycan 4 |CSPG4
G3I306	10	10	28.50549936	0.000369	2.302186223	CHOK1	TG 72 hour	Eukaryotic translation initiation factor 4 gamma 1 |EIF4G1

G3H7Z2	10	10	32.529199912	0.006999 4	1.608275858	CHOK1	TG 72 hour	Transgelin |TAGLN2
G3HG25	9	9	21.11366081	2.23E-06	17.49828113	CHOK1	TG 24 hour	Laminin subunit gamma-1 |LAMC1
G3HB04	9	9	31.78399265	1.19E-05	2.699452628	CHOK1	TG 48 hour	Protein disulfide-isomerase A6 |PDIA6
G3HCT1	9	9	28.562124 25	0.000136 5	2.852316393	CHOK1	TG 72 hour	Importin subunit alpha |KPNA2
G3IFX1	9	9	27.885249 14	0.001309 9	1.862503237	CHOK1	TG 48 hour	Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial |SDHA
G3H1S2	8	8	17.710731 15	2.75E-05	16.267866402	CHOK1	TG 48 hour	UDP-glucose:glycoprotein glucosyltransferase 1 |UGGT1
G3GXU1	8	8	28.293571 47	0.000106 8	2.127439852	CHOK1	TG 72 hour	Protein phosphatase 1G |PPM1G
G3IH63	8	8	27.617447 14	0.000183 2	1.97825495	CHOK1	TG 48 hour	Myosin-9 |MYH10
G3H412	8	8	28.981156 59	0.000326 8	2.860590983	CHOK1	TG 72 hour	Proliferating cell nuclear antigen |PCNA
G3GVD0	8	8	36.163062 81	0.000598 9	1.677897423	CHOK1	TG 48 hour	Actin, cytoplasmic 1 |ACTB
G3I278	8	8	17.730993 51	0.001068 7	2.546871304	CHOK1	TG 24 hour	Laminin subunit beta-1 |LAMB1
G3HD97	7	7	17.680994 15	3.33E-06	4.567450566	CHOK1	TG 48 hour	Thioredoxin domain-containing protein 5 |TXNDC5

G3H697	7	7	20.74022019	5.51E-06	4.702339747	CHOK1	TG 24 hour	Glucosidase 2 subunit beta |PRKCSH
G3I220	7	7	29.44166565	2.13E-05	3.221712559	CHOK1	TG 48 hour	Cytoskeleton-associated protein 4 |CKAP4
G3GTH2	7	7	17.83605933	2.22E-05	2.861448526	CHOK1	TG 72 hour	Na(+)/H(+) exchange regulatory cofactor NHE-RF |SLC9A3R1
G3HZ55	7	7	15.50960004	0.000119	1.798154045	CHOK1	TG 48 hour	Integrin beta |ITGB1
G3HJS0	7	7	15.31834209	0.000248 7	1.620199079	CHOK1	TG 72 hour	Spectrin beta chain, brain 1 |SPTBN1
G3I2K8	6	6	17.86582351	2.04E-06	44.4803014	CHOK1	TG 72 hour	RRM2 |RRM2
Q9ERF7	6	6	18.22000408	4.76E-06	2.41018074	CHOK1	TG 72 hour	Intercellular adhesion molecule 1 |ICAM1
G3IIE7	6	6	12.96699643	8.17E-06	6.933649887	CHOK1	TG 24 hour	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 1 |PLOD1
G3I2J5	6	6	21.62410367	8.72E-06	14.79264552	CHOK1	TG 48 hour	Protein unc-84-like B |SUN2
G3GR90	6	6	14.69913185	1.16E-05	3.48287944	CHOK1	TG 48 hour	Isopentenyl-diphosphate Delta-isomerase 1 |IDI1
G3GX55	6	6	14.09726512	1.75E-05	9.570898541	CHOK1	TG 72 hour	Brain-specific angiogenesis inhibitor 1-associated protein 2 |BAIAP2
G3I0R8	6	6	14.38656735	2.85E-05	8.208026597	CHOK1	TG 72 hour	Actin-binding protein anillin |ANLN
G3GVX1	6	6	15.31275272	5.54E-05	1.72195326	CHOK1	TG 72 hour	Ribosome-binding protein 1 |RRBP1
G3HC84	6	6	21.74305532	0.005318	2.527227716	CHOK1	TG 48 hour	Heat shock protein HSP 90-beta |HSP90AB1
G3I2F2	5	5	13.90377724	1.56E-05	5.064748652	CHOK1	TG 72 hour	Splicing factor 3B subunit 2 |SF3B2

G3I064	5	5	13.9238162	2.45E-05	11.13999604	CHOK1	TG 24 hour	Neutral alpha-glucosidase AB |GANAB
G3HC39	5	5	23.78771472	5.72E-05	3.65993905	CHOK1	TG 72 hour	Farnesyl pyrophosphate synthetase |FDPS
G3H170	5	5	15.79308641	7.82E-05	3.734109113	CHOK1	TG 72 hour	Drebrin |DBN1
G3HKD6	5	5	16.19597852	7.95E-05	1.930017557	CHOK1	TG 72 hour	Histone-binding protein RBBP7 |RBBP7
G3H284	5	5	13.62892509	8.51E-05	2.766792514	CHOK1	TG 24 hour	Endoplasmic reticulum resident protein 29 |ERP29
G3H104	4	4	9.959192753	4.76E-09	Infinity	CHOK1	TG 72 hour	Nucleolar and spindle-associated protein 1 |NUSAP1
G3IFY1	4	4	10.82464027	1.65E-07	6.149030175	CHOK1	TG 72 hour	TYMS |TYMS
G3H7Y1	4	4	15.02685761	4.45E-06	4.7499549	CHOK1	TG 72 hour	PEX19 |PEX19
G3H2I6	4	4	11.59571207	6.10E-06	4.111195822	CHOK1	TG 72 hour	Neural cell adhesion molecule 1 |NCAM1
G3H6A7	4	4	8.08579874	6.30E-06	25.3060076	CHOK1	TG 72 hour	Putative global transcription activator SNF2L4 |SMARCA2
Q6E6J6	4	4	8.886702776	8.22E-06	2.005412493	CHOK1	TG 72 hour	Chromobox protein-like 5 |CBX5
G3HLV1	4	4	10.04603016	9.19E-06	6.348846167	CHOK1	TG 24 hour	Peptidylprolyl isomerase |FKBP10
G3HWJ3	4	4	10.04654884	2.06E-05	2.094236185	CHOK1	TG 72 hour	Uncharacterized protein |MACF1
G3GZA9	4	4	10.03858972	2.43E-05	3.713619251	CHOK1	TG 48 hour	Reticulocalbin-1 (Fragment) |RCN1
G3IBK3	4	4	8.62205267	2.46E-05	2.535885557	CHOK1	TG 72 hour	Emerin |EMD
D5FGC9	4	4	10.85755324	2.77E-05	8.264593981	CHOK1	TG 72 hour	RNA-binding motif 3 |

G3HRJ7	4	4	9.163511038	3.72E-05	2.493580476	CHOK1	TG 72 hour	Catenin delta-1 |CTNND1
G3HBZ8	4	4	13.21563554	4.62E-05	1.848118516	CHOK1	TG 72 hour	Ubiquitin-associated protein 2-like |UBAP2L
G3HLX0	4	4	12.01042223	5.39E-05	2.054261457	CHOK1	TG 72 hour	Polymerase I and transcript release factor |CAVIN1
G3GXA9	4	4	14.25644493	8.40E-05	2.598803099	CHOK1	TG 72 hour	Protein disulfide-isomerase |P4HB
G3H0L9	4	4	9.697837353	9.72E-05	2.423894099	CHOK1	TG 72 hour	Cathepsin B |CTSB
G3INN8	4	4	10.37803137	0.00011	3.135257292	CHOK1	TG 72 hour	Microtubule-associated protein 6 |MAP6
G3I9P1	4	4	10.57337451	0.000110 4	2.602746038	CHOK1	TG 24 hour	LDLR chaperone MESD |MESD
G3H4V0	4	4	10.75607657	0.000131 3	3.134340185	CHOK1	TG 72 hour	Vigilin |HDLBP
G3GSM5	4	4	9.559234023	0.000157 7	3.459859284	CHOK1	TG 48 hour	Transferrin receptor protein 1 |
G3IG05	4	4	17.90091133	0.000214 1	1.678074491	CHOK1	TG 72 hour	Annexin |ANXA2
G3II69	4	4	12.60723925	0.000216 3	2.329148565	CHOK1	TG 72 hour	DNA damage-binding protein 1 |DDB1
G3I3W0	4	4	11.021945	0.000320 6	3.967272671	CHOK1	TG 72 hour	Calponin |CNN3

G3HCB0	4	4	12.11443448	0.000479 3	2.637464346	CHOK1	TG 72 hour	PC4 and SFRS1-interacting protein |PSIP1
G3I3A8	4	4	10.71031666	0.000497 3	1.914585205	CHOK1	TG 72 hour	Nuclear mitotic apparatus protein 1 |NUMA1
G3H4I2	4	4	8.790449619	0.000931 3	1.690460952	CHOK1	TG 72 hour	Tropomyosin alpha-1 chain-like protein |TPM4
G3HG95	4	4	9.809948802	0.002149 1	1.57192192	CHOK1	TG 48 hour	Lamin-A/C |LMNA
G3I9F1	4	4	9.75884521	0.002726 8	2.021715199	CHOK1	TG 48 hour	Ras GTPase-activating protein-binding protein 2 |G3BP2
G3H8Z9	4	4	10.01774621	0.004158 9	1.527056598	CHOK1	TG 72 hour	Sodium/potassium-transporting ATPase subunit alpha |ATP1A1
G3IGZ6	3	3	7.458607554	4.43E-07	4.89817429	CHOK1	TG 72 hour	Uncharacterized protein C9orf78-like |
G3HJ24	3	3	7.731890678	5.22E-07	3.540870013	CHOK1	TG 24 hour	Prolyl 4-hydroxylase subunit alpha-1 |P4HA1
Q9EPP7	3	3	10.56672931	7.10E-07	2.91011578	CHOK1	TG 72 hour	CTSZ |CTSZ
G3H9Z5	3	3	7.418012977	1.96E-06	5.507400791	CHOK1	TG 72 hour	Epidermal growth factor receptor kinase substrate 8 |EPS8
G3GTF3	3	3	11.6501441	2.24E-06	5.130925386	CHOK1	TG 72 hour	5'(3')-deoxyribonucleotidase, cytosolic type (Fragment) |JPT1
G3HGU3	3	3	8.249789238	3.14E-06	43.39305936	CHOK1	TG 72 hour	Disabled-like 2 |DAB2
G3I9A3	3	3	8.14939189	3.38E-06	11.035558006	CHOK1	TG 24 hour	Neudesin |

G3IH46	3	3	13.43255639	7.52E-06	5.648100757	CHOK1	TG 72 hour	Prothymosin alpha |PTMA
G3H177	3	3	8.594829082	9.06E-06	2.833672696	CHOK1	TG 48 hour	LMAN2 |LMAN2
G3IF52	3	3	8.360618353	1.98E-05	2.703655692	CHOK1	TG 24 hour	Nucleobindin-2 |NUCB2
G3H7B6	3	3	7.026047945	2.10E-05	43.978885481	CHOK1	TG 72 hour	WD repeat and HMG-box DNA-binding protein 1 |WDHD1
G3H381	3	3	6.951074243	2.21E-05	2.172943663	CHOK1	TG 72 hour	Kinesin light chain 1 |KLC1
G3IEX0	3	3	6.585312843	3.42E-05	6.483645867	CHOK1	TG 24 hour	Prolyl 3-hydroxylase 1 |P3H1
G3HC12	3	3	7.255393147	6.60E-05	2.466351852	CHOK1	TG 48 hour	Transcriptional repressor p66-beta |GATAD2B
G3GRX2	3	3	7.555527449	8.50E-05	2.441941445	CHOK1	TG 72 hour	Ubiquitin carboxyl-terminal hydrolase 10 |USP10
G3IC91	3	3	7.225899696	9.97E-05	2.447055681	CHOK1	TG 48 hour	von Willebrand factor A domain-containing protein 5A |VWA5A
G3GXH4	3	3	10.19421873	0.000100 4	4.578100049	CHOK1	TG 72 hour	Cell division protein kinase 6 |CDK6
G3I9X6	3	3	7.312833474	0.000145 2	3.080925583	CHOK1	TG 72 hour	Spectrin alpha chain, brain |SPTAN1
G3I1X8	3	3	11.867688651	0.000175 4	2.159999851	CHOK1	TG 72 hour	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1 |GNB1
G3HNI7	3	3	7.289070845	0.000243 5	19.745777754	CHOK1	TG 72 hour	Lymphokine-activated killer T-cell-originated protein kinase |

G3HRG8	3	3	9.375888824	0.000323 8	34.25326762	CHOK1	TG 24 hour	Endoplasmic reticulum resident protein ERp44 (Fragment) |ERP44
G3H292	3	3	7.701890349	0.000324	5.299353838	CHOK1	TG 72 hour	Ataxin-2 (Fragment) |ATXN2
G3IJV7	3	3	6.504256845	0.000450 1	1.712742222	CHOK1	TG 48 hour	Cytosolic acyl coenzyme A thioester hydrolase |ACOT7
G3GYZ1	3	3	7.881839752	0.000450 4	2.85723234	CHOK1	TG 72 hour	CD44 antigen |CD44
G3H4J1	3	3	9.469106436	0.000529 3	3.430912231	CHOK1	TG 72 hour	E3 ubiquitin-protein ligase |HECTD1
G3HXP6	3	3	6.816157818	0.000702	Infinity	CHOK1	TG 24 hour	3-hydroxy-3-methylglutaryl-coenzyme A reductase |HMGCR
G3HTE5	3	3	7.232011 08	0.000707 2	2.818157289	CHOK1	TG 48 hour	Lysosomal alpha-glucosidase |GAA
Q91Z81	3	3	9.864186764	0.000738 7	1.788984179	CHOK1	TG 48 hour	Protein disulfide-isomerase |PDIA3
G3GRY7	3	3	7.577073336	0.000816 3	19.48728632	CHOK1	TG 72 hour	HSBP1 |
G3I1H7	3	3	7.601583242	0.000996 1	1.716419984	CHOK1	TG 48 hour	Sodium/potassium/calcium exchanger 4 |CPSF2
G3GU75	3	3	6.40123713	0.000997 9	2.168350454	CHOK1	TG 24 hour	Translational activator GCN1 |GCN1

G3H3P5	3	3	6.94842732	0.001856	1.645407313	CHOK1	TG 48 hour	Kinesin-like protein |KIF5B
G3H5W5	3	3	8.530890465	0.002643	3.561922909	CHOK1	TG 72 hour	LIM and SH3 domain protein 1 |LASP1
G3HGQ1	3	3	6.823418498	0.0029591	33.16568149	CHOK1	TG 72 hour	Cation-independent mannose-6-phosphate receptor |IGF2R
G3HIM1	2	2	6.405759811	4.03E-12	Infinity	CHOK1	TG 24 hour	Basement membrane-specific heparan sulfate proteoglycan core protein |HSPG2
G3HGW6	2	2	5.016632557	1.79E-09	Infinity	CHOK1	TG 24 hour	Laminin subunit alpha-5 |LAMA5
G3HLU1	2	2	5.142776251	7.24E-08	17.26064993	CHOK1	TG 72 hour	Ubiquitin-conjugating enzyme E2 C |
G3HTV2	2	2	4.180291295	3.50E-07	3.63014615	CHOK1	TG 72 hour	WW domain-binding protein 2 |
G3I2G1	2	2	4.597860694	1.99E-06	9.8897291	CHOK1	TG 72 hour	Fos-related antigen 1 |FOSL1
G3IDR5	2	2	4.462554216	3.15E-06	123.3892843	CHOK1	TG 72 hour	Telomere-associated protein RIF1 |RIF1
G3I2L7	2	2	7.274353027	8.98E-06	5.174635573	CHOK1	TG 72 hour	Coiled-coil-helix-coiled-coil-helix domain-containing protein 2, mitochondrial |CHCHD2
G3GSC9	2	2	4.444007874	1.85E-05	6.45920389	CHOK1	TG 72 hour	tRNA (adenine(58)-N(1))-methyltransferase non-catalytic subunit TRM6 |TRMT6
G3HR63	2	2	7.177230835	1.94E-05	7.136186936	CHOK1	TG 24 hour	Protein canopy-like 3 |CNPY3
G3HHV8	2	2	7.119668245	2.24E-05	3.912571672	CHOK1	TG 48 hour	Histone deacetylase |HDAC2
G3I2X6	2	2	4.893960118	2.28E-05	17.962737717	CHOK1	TG 72 hour	DNA replication complex GINS protein PSF3 |
G3HHZ8	2	2	5.587295294	2.36E-05	27.513577629	CHOK1	TG 72 hour	DNA polymerase epsilon subunit 3 |POLE3

G3IN30	2	2	4.876122236	3.19E-05	136.4422934	CHOK1	TG 72 hour	Serine/threonine-protein kinase PLK |PLK1
G3I936	2	2	3.704782963	3.45E-05	4.083406532	CHOK1	TG 72 hour	Epididymal secretory protein E1 |NPC2
G3HXF9	2	2	4.513157129	6.70E-05	8.704705624	CHOK1	TG 72 hour	Kinetochore protein NDC80-like |NDC80
G3HXR8	2	2	4.898072004	7.02E-05	5.933664219	CHOK1	TG 72 hour	Phosphatidylinositol-binding clathrin assembly protein |PICALM
G3HF56	2	2	5.64106369	7.19E-05	82.2247181	CHOK1	TG 72 hour	Calponin |CNN2
G3I3D5	2	2	3.778814793	7.57E-05	2.604434513	CHOK1	TG 72 hour	SH3 domain-binding glutamic acid-rich-like protein |
G3H3B1	2	2	4.755805731	8.28E-05	1.81762322	CHOK1	TG 48 hour	Metastasis-associated protein MTA1 |MTA1
G3HRT6	2	2	3.843601584	8.32E-05	4.933271826	CHOK1	TG 72 hour	Solute carrier family 12 member 1 |DUT
G3I1D1	2	2	5.412538767	9.86E-05	2.281023937	CHOK1	TG 72 hour	Guanine nucleotide-binding protein subunit beta-4 |GNB4
G3HUE5	2	2	4.068691373	0.000104 1	2.084330083	CHOK1	TG 48 hour	PBDC1 |PBDC1
G3IE98	2	2	6.306553125	0.000104 9	3.12257073	CHOK1	TG 72 hour	Arf-GAP domain and FG repeats-containing protein 1 |AGFG1
G3ICH9	2	2	5.500621319	0.000106 2	3.287691456	CHOK1	TG 72 hour	Ataxin-10 |ATXN10
G3I0J3	2	2	4.807199955	0.000130 4	29.42610034	CHOK1	TG 72 hour	Alpha-adducin |ADD1

G3H0F0	2	2	4.799578667	0.000134 8	3.285890863	CHOK1	TG 72 hour	Paired amphipathic helix protein Sin3a |SIN3A
G3IAY2	2	2	5.043842435	0.000171 2	4.158758613	CHOK1	TG 72 hour	UPF0557 protein C10orf119-like |MCMBP
G3I804	2	2	4.07317555	0.000184 8	2.922917355	CHOK1	TG 72 hour	SFRS2-interacting protein |SCAF11
G3IJI2	2	2	4.44592011	0.000200 7	2.935415703	CHOK1	TG 72 hour	Protein FAM111A |FAM111A
G3IBV7	2	2	6.16858077	0.000228 2	14.50478694	CHOK1	TG 72 hour	Cytochrome b5 |CYB5A
G3H5D5	2	2	6.001883268	0.000251 9	1.736057975	CHOK1	TG 48 hour	Acyl-CoA-binding protein |DBI
G3HSF8	2	2	7.079478979	0.000293 9	2.472483455	CHOK1	TG 72 hour	Cordon-bleu protein-like 1 |COBLL1
G3HPZ2	2	2	4.400043488	0.000307 7	2.28061795	CHOK1	TG 48 hour	S-adenosylmethionine synthase |MAT2A
G3I2B6	2	2	5.003166437	0.000321 7	2.724712599	CHOK1	TG 48 hour	Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform (Fragment) |PPP2R1A
G3HVL1	2	2	3.501067996	0.000339 2	3.781129537	CHOK1	TG 72 hour	Cell division control protein 2-like |CDK1

G3HTF7	2	2	4.043875694	0.000380 3	1.871279808	CHOK1	TG 72 hour	Myosin-Ic |MYO1C
G3HYG7	2	2	5.4318223	0.000408 4	1.941384519	CHOK1	TG 24 hour	DnaJ-like subfamily B member 11 |DNAJB11
G3I4I2	2	2	3.642117739	0.000432 4	2.227625936	CHOK1	TG 72 hour	HIRA-interacting protein 3 |HIRIP3
G3IJM5	2	2	5.875954866	0.000542 9	2.126056185	CHOK1	TG 72 hour	Ubiquitin carboxyl-terminal hydrolase 28 |USP28
G3I4Z7	2	2	9.598450422	0.000628 7	1.694235508	CHOK1	TG 48 hour	Galectin |LGALS1
G3HXK8	2	2	4.965847731	0.000712 9	3.748667631	CHOK1	TG 24 hour	Prenylcysteine oxidase |PCYOX1
G3HPZ6	2	2	4.922515154	0.000726 6	5.482473478	CHOK1	TG 24 hour	ELMO domain-containing protein 3 |TTGN1
G3H3X5	2	2	5.428363919	0.000744 9	3.338855722	CHOK1	TG 72 hour	U3 small nucleolar RNA-associated protein 14-like A |UTP14A
G3HAP6	2	2	5.028997421	0.000780 6	2.725505755	CHOK1	TG 72 hour	Acetyl-coenzyme A synthetase, cytoplasmic |ACSS2
G3IIV2	2	2	4.401801586	0.000789 3	6.666899521	CHOK1	TG 72 hour	ADP-ribosylation factor-binding protein GGA2 |GGA2

G3H319	2	2	4.238541722	0.000978	2.453290041	CHOK1	TG 72 hour	Tubulin-specific chaperone A |TBCA
G3IB53	2	2	7.348423004	0.001019	2.166797959	CHOK1	TG 72 hour	Golgi-associated plant pathogenesis-related protein 1 |GLIPR2
G3IAU0	2	2	5.399122715	0.001306	3.354178046	CHOK1	TG 72 hour	Uncharacterized protein (Fragment) |SMC4
G3H3B2	2	2	6.892887592	0.001427	2.260667361	CHOK1	TG 72 hour	Cysteine-rich protein 2 |CRIP2
G3H4D2	2	2	5.633229733	0.001465	2.463035741	CHOK1	TG 48 hour	Glycosyltransferase 25 family member 1 |COLGALT1
G3GXG4	2	2	4.868795633	0.001528	25.21336014	CHOK1	TG 72 hour	Lanosterol 14-alpha demethylase |CYP51A1
G3I8V9	2	2	3.409146786	0.001571	1.509554494	CHOK1	TG 48 hour	DnaJ-like subfamily A member 1 |DNAJA1
G3GU82	2	2	5.973600754	0.001602	901.5201804	CHOK1	TG 72 hour	Kinetochore protein Spc25 |
G3H9T1	2	2	4.552595943	0.001602	2.414224529	CHOK1	TG 48 hour	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit |DDOST
G3I5E0	2	2	8.940655708	0.001608	2.412412404	CHOK1	TG 72 hour	Methylosome subunit pICln |CLNS1A
G3I3B6	2	2	5.104507804	0.001712	2.356340073	CHOK1	TG 24 hour	Stromal interaction molecule 1 |STIM1

G3I3B7	2	2	6.250742197	0.001884 8	3.764321665	CHOK1	TG 72 hour	Ribonucleoside-diphosphate reductase |RRM1
G3I6W3	2	2	6.071541071	0.002462 9	6.679657503	CHOK1	TG 48 hour	TAPBP |TAPBP
G3HHR9	2	2	4.488999486	0.002472 3	3.941516233	CHOK1	TG 48 hour	Integrin alpha-V |ITGAV
G3I6C1	2	2	4.373747706	0.002573 5	2.139682646	CHOK1	TG 72 hour	Integrin alpha-5 |ITGA5
G3H7Y5	2	2	5.142826915	0.002844 1	4.812135623	CHOK1	TG 72 hour	Sodium/potassium-transporting ATPase subunit alpha-2 |ATP1A1
G3I3Z1	2	2	4.174032211	0.002884 6	1.801955821	CHOK1	TG 72 hour	AH receptor-interacting protein |
G3IGQ3	2	2	4.113959193	0.003302 7	2.012209501	CHOK1	TG 72 hour	Heat shock cognate 71 kDa protein |HSPA8
G3HBE9	2	2	5.340308189	0.003369 4	2.13575362	CHOK1	TG 48 hour	Leucine-rich repeat-containing protein 59 |LRRC59
G3IGH6	2	2	4.695319176	0.004234 7	9.388119906	CHOK1	TG 72 hour	Transcription elongation factor spt6 |SUPT6H
G3HQQ9	2	2	6.076342463	0.004284 1	2.180074601	CHOK1	TG 72 hour	ATP-binding cassette sub-family F member 1 |ABCF1

G3GWC4	2	2	5.841177464	0.004328 9	2.251354145	CHOK1	TG 72 hour	GrpE protein homolog |
G3H8K3	2	2	4.542317033	0.004435 1	1.604933556	CHOK1	TG 72 hour	RNA-binding motif, single-stranded-interacting protein 1 |RBMS1
G3I948	2	2	8.73610425	0.005036 4	46.224697	CHOK1	TG 72 hour	Eukaryotic translation initiation factor 5A |EIF5A
G3HKS3	2	2	4.975215435	0.005081 6	3.011710464	CHOK1	TG 72 hour	Coiled-coil domain-containing protein 12 |CCDC12
G3H7B2	2	2	6.781086445	0.005809 3	922.8130108	CHOK1	TG 72 hour	Disks large-associated protein 5 |DLGAP5
G3HQP7	2	2	6.011816263	0.006115 4	1.647238633	CHOK1	TG 24 hour	Flotillin-1 |FLOT1
G3HMG4	2	2	5.643229008	0.006634 3	14.055000118	CHOK1	TG 24 hour	Amyloid beta A4 protein |APP
G3HTA6	2	2	6.486367702	0.006737 6	5.123234861	CHOK1	TG 48 hour	EPM2A-interacting protein 1 | EPM2AIP1
G3H8Y0	2	2	6.362724304	0.006935 1	1.98791326	CHOK1	TG 48 hour	Terpene cyclase/mutase family member |LSS
G3GU12	2	2	5.208555937	0.007666 7	32820.30002	CHOK1	TG 72 hour	A-kinase anchor protein 12 |AKAP12

G3HUQ1	2	2	3.975164175	0.007825	7.321512661	CHOK1	TG 72 hour	Protein unc-84-like A |SUN1
G3HZP7	2	2	4.387824059	0.007886	1.780865502	CHOK1	TG 48 hour	DNA primase large subunit |PRIM2
G3I0V9	2	2	11.05764747	0.008116	1.628790745	CHOK1	TG 72 hour	Liprin-beta-1 |PPFIBP1
G3HDE5	2	2	4.23980701	0.008252	3.893651717	CHOK1	TG 48 hour	Proteasome activator complex subunit 1 |PSME1
G3GX92	2	2	4.008149505	0.031549 3	1.62212093	CHOK1	TG 72 hour	CAMK1 |CAMK1
G3H352	34	34	82.937636356	0.000104 5	2.528512793	TG 72 hour	CHOK1	Cytoplasmic dynein 1 heavy chain 1 (Fragment) |DYNC1H1
G3IDT6	30	30	95.028533262	4.34E-06	2.41237129	TG 72 hour	CHOK1	Protein disulfide-isomerase A4 |PDIA4
G3HQM6	30	30	100.7166319	0.000112 8	2.928102467	TG 72 hour	TG 24 hour	Endoplasmin |HSP90AB1
G3I973	25	25	79.346127787	0.000749 8	2.794359608	TG 72 hour	TG 24 hour	Hypoxia up-regulated protein 1 |HYOU1
G3IG23	21	21	62.837496676	0.000149 4	1.968730527	TG 72 hour	CHOK1	Alanyl-tRNA synthetase, cytoplasmic |AARS
G3IF62	19	19	57.988399819	0.000103 5	1.94823995	TG 72 hour	CHOK1	Ras GTPase-activating-like protein IQGAP1 |IQGAP1

G3HP24	16	16	40.93926215	4.34E-06	2.319808587	TG 72 hour	CHOK1	Isoleucyl-tRNA synthetase, cytoplasmic |IARS
G3HEZ0	15	15	37.44656646	9.38E-05	2.203222601	TG 72 hour	CHOK1	Stress-70 protein, mitochondrial |HSPA9
G3HCJ1	13	13	35.42335892	3.34E-06	3.676265966	TG 72 hour	CHOK1	Lon protease homolog, mitochondrial |LONP1
G3IAQ0	13	13	36.10371828	0.000140 8	1.832579849	TG 72 hour	CHOK1	Alpha-enolase |ENO1
G3HDE8	12	12	35.88960445	0.000238 8	2.348676816	TG 72 hour	CHOK1	Phosphoenolpyruvate carboxykinase [GTP], mitochondrial |PCK2
G3HCX8	12	12	34.82733583	0.000239 2	2.244829109	TG 72 hour	TG 24 hour	CALR |CALR
G3HIQ0	12	12	29.77379823	0.000280 1	2.616671608	TG 72 hour	CHOK1	Threonyl-tRNA synthetase, cytoplasmic |TARS
G3IFB0	12	12	36.21597171	0.000574 6	2.643439036	TG 24 hour	TG 72 hour	Serine/arginine repetitive matrix protein 2 |SRRM2
G3IKC3	12	12	35.37433755	0.000274 75	2.198991613	TG 72 hour	CHOK1	Glutathione S-transferase Mu 6 |GSTM3
G3GU10	11	11	29.03637111	0.000297 75	2.068953431	TG 72 hour	CHOK1	Monofunctional C1-tetrahydrofolate synthase, mitochondrial |MTHFD1L
G3H0U6	10	10	24.91396379	1.21E-05	1.895285119	TG 72 hour	TG 48 hour	Protein disulfide-isomerase A3 |PDIA3
G3HYL0	10	10	26.33132923	2.29E-05	1.860369496	TG 72 hour	CHOK1	Eukaryotic translation initiation factor 4 gamma 2 |EIF4G2

G3H HE4	10	10	23.1438 452	9.97 E-05	2.76540 1049	TG 72 hour	CHOK1	Leucyl-tRNA synthetase, cytoplasmic |LARS
G3H 7K5	10	10	21.8656 7914	0.00 0125 4	1.59529 129	TG 48 hour	CHOK1	CCT5 |CCT5
G3H 935	10	10	29.6357 0404	0.00 0201	2.43549 0409	TG 72 hour	CHOK1	Tyrosine--tRNA ligase |YARS
G3H G83	10	10	27.6748 7502	0.00 0291	1.84875 9025	TG 72 hour	CHOK1	T-complex protein 1 subunit gamma |CCT3
G3H HE3	10	10	26.3371 0265	0.00 0929 6	2.72218 4707	TG 72 hour	CHOK1	Leucyl-tRNA synthetase, cytoplasmic |LARS
G3H L13	10	10	25.6888 603	0.00 1083 2	1.59227 0615	TG 72 hour	CHOK1	60 kDa heat shock protein, mitochondrial |HSPD1
G3H HR3	10	10	35.2709 3112	0.00 1352 2	2.24450 9981	TG 72 hour	TG 24 hour	Vimentin |VIM
G3G XD7	10	10	31.7669 0292	0.00 1409 8	1.79738 6704	TG 24 hour	TG 48 hour	Fatty acid synthase |FASN
G3G YY2	9	9	21.4962 2071	7.42 E-06	2.70881 3597	TG 24 hour	TG 72 hour	Caprin-1 |CAPRIN1
G3H JM2	9	9	24.4492 0993	1.57 E-05	2.26829 0546	TG 72 hour	CHOK1	Glycyl-tRNA synthetase |GARS
G3IH N6	9	9	22.2159 152	2.33 E-05	2.83949 9136	TG 72 hour	CHOK1	4F2 cell-surface antigen heavy chain |SLC3A2
G3H YP6	9	9	30.7724 5796	4.28 E-05	1.80889 2898	TG 24 hour	TG 72 hour	Nuclear migration protein nudC |NUDC
G3II T6	9	9	25.6227 9677	4.80 E-05	2.16954 8075	TG 48 hour	CHOK1	Cysteinyl-tRNA synthetase, cytoplasmic |CARS

G3GYP9	9	9	21.15069306	0.000203 1	2.473084631	TG 72 hour	CHOK1	Peroxiredoxin-1 |PRDX1
G3IBF1	9	9	29.08067894	0.001199 4	2.03816693	TG 72 hour	CHOK1	Nucleophosmin |NPM1
G3HIT7	9	9	24.50343871	0.001841 6	2.480430516	TG 48 hour	TG 72 hour	Microtubule-associated protein 1B |MAP1B
G3GY75	9	9	25.9691931	0.002088	1.636054164	TG 72 hour	CHOK1	Eukaryotic initiation factor 4A-I |EIF4A1
G3I854	8	8	18.97271395	4.19E-05	3.899815208	TG 24 hour	TG 72 hour	Ubiquitin-associated protein 2 |UBAP2
G3H6U1	8	8	18.80660605	0.001421	1.621487173	TG 24 hour	CHOK1	Nucleolar RNA helicase 2 |DDX21
G3HPL6	8	8	20.78115559	0.002126	4.135882037	TG 24 hour	TG 72 hour	BAT2 domain-containing protein 1 |PRRC2C
G3HXU0	8	8	22.19805229	0.002377	1.89363614	TG 72 hour	CHOK1	Tubulin--tyrosine ligase-like protein 12 |TTLL12
G3I5Z8	8	8	17.71678257	0.004625	2.501788071	TG 72 hour	CHOK1	Proteasome-associated protein ECM29-like |ECM29
G3IEG6	8	8	22.90377736	0.001146	1.574022569	TG 24 hour	CHOK1	Tubulin beta chain |
G3HW36	8	8	15.78403258	0.001237	1.755284493	TG 72 hour	CHOK1	Serine hydroxymethyltransferase |SHMT2

G3I9F0	8	8	18.1762 0206	0.00 1369	2.09061 2132	TG 72 hour	CHOK1	General vesicular transport factor p115 |USO1
G3GSH5	8	8	17.6861 1741	0.00 1872 9	1.90266 0783	TG 72 hour	CHOK1	ATP-dependent RNA helicase DDX3X |DDX3X
G3H3L4	7	7	13.5504 1742	1.46 E-06	5.50566 161	TG 72 hour	CHOK1	NADH-cytochrome b5 reductase |CYB5R1
G3H533	7	7	15.3689 0829	1.80 E-06	2.91809 9774	TG 72 hour	CHOK1	Peptidyl-prolyl cis-trans isomerase |PPIB
G3GYP7	7	7	21.5086 3588	9.82 E-06	3.81128 8269	TG 72 hour	CHOK1	AKR1A1 |AKR1A1
G3IJ02	7	7	20.7946 9383	1.09 E-05	2.48473 7374	TG 48 hour	TG 72 hour	Leucine-rich repeat flightless-interacting protein 1 |LRRFIP1
G3GYY6	7	7	22.8000 9508	1.31 E-05	2.46423 7597	TG 72 hour	CHOK1	Catalase |CAT
G3GXT2	7	7	24.7207 9539	0.00 0136	2.00421 9402	TG 72 hour	CHOK1	CAD protein |CAD
G3HCT4	7	7	17.1693 3823	0.00 0191 2	1.69796 3057	TG 24 hour	TG 48 hour	Putative ATP-dependent RNA helicase DDX5 |DDX5
G3HKQ7	7	7	19.1838 9964	0.00 0274	2.88640 9256	TG 24 hour	TG 72 hour	Microtubule-associated protein |MAP4
G3GZR1	7	7	14.4465 9865	0.00 0573 8	1.93686 5582	TG 72 hour	CHOK1	Aspartyl-tRNA synthetase, cytoplasmic |DARS
G3HGP4	7	7	26.9093 225	0.00 4035 7	1.96744 3939	TG 24 hour	TG 48 hour	ACAT2 |ACAT2
G3HGP6	7	7	18.5174 377	0.00 9831 8	1.84519 1158	TG 72 hour	CHOK1	T-complex protein 1 subunit alpha |TCP1

G3HLZ2	6	6	15.75573611	6.63E-06	1.861391481	TG 24 hour	TG 72 hour	Proteasome activator complex subunit 3 |
G3HFI6	6	6	14.08321571	1.31E-05	1.935638952	TG 72 hour	CHOK1	ATP-dependent RNA helicase DDX1 |DDX1
G3HX93	6	6	15.82222366	4.18E-05	3.498996302	TG 24 hour	TG 72 hour	CCAAT/enhancer-binding protein zeta |CEBPZ
G3IAI6	6	6	22.26931179	0.000235 8	2.493851593	TG 24 hour	CHOK1	Heme oxygenase |HMOX1
G3HP80	6	6	15.27043617	0.000739 8	2.598220416	TG 72 hour	TG 24 hour	SEC22B |SEC22B
G3HRK0	6	6	12.20297241	0.000782 3	1.717875 49	TG 48 hour	CHOK1	PA2G4 |PA2G4
G3GRE1	6	6	16.48746181	0.001117 7	2.083327156	TG 72 hour	CHOK1	Bifunctional aminoacyl-tRNA synthetase (Fragment) |EPRS
G3HRJ2	6	6	15.99911785	0.002373 3	2.513691867	TG 24 hour	TG 72 hour	182 kDa tankyrase-1-binding protein |TNKS1BP1
G3H7V9	6	6	14.94604182	0.002792 6	2.144344225	TG 24 hour	TG 72 hour	DNA helicase |MCM2
G3H451	6	6	14.69678688	0.013385 1	1.561850 69	TG 24 hour	CHOK1	Nucleolar protein 56 |NOP56
Q60455	6	6	17.45953429	0.014044 4	1.622424752	TG 24 hour	TG 48 hour	Tubulin beta chain |TBB7_CHICK
G3HIX6	5	5	12.78553128	2.04E-06	3.004659126	TG 72 hour	CHOK1	Tryptophanyl-tRNA synthetase, cytoplasmic |WARS

G3HP64	5	5	12.8466 1305	3.52 E-06	22.2188 8103	TG 72 hour	CHOK1	Sequestosome-1 |
G3H3Y2	5	5	13.0133 6026	4.11 E-06	5.37984 0746	TG 72 hour	CHOK1	Retrovirus-related Gag polyprotein |GAG
G3GRK2	5	5	14.7102 0603	5.77 E-06	10.9451 2432	TG 72 hour	CHOK1	Cell cycle progression protein 1 |CCPG1
G3GV42	5	5	14.2361 1534	6.95 E-06	5.49541 6079	TG 72 hour	CHOK1	Asparaginyl-tRNA synthetase, cytoplasmic |NARS
G3I801	5	5	12.1582 464	1.35 E-05	2.60776 6395	TG 72 hour	CHOK1	Switch-associated protein 70 |SWAP70
G3HMN4	5	5	14.7773 6521	1.72 E-05	2.52398 6227	TG 72 hour	CHOK1	Omega-amidase NIT2 |NIT2
G3H949	5	5	13.8922 4696	2.81 E-05	2.94359 4129	TG 24 hour	TG 72 hour	Alpha-taxilin |TXLNA
G3IJF2	5	5	15.8685 8797	3.28 E-05	2.73308 6575	TG 24 hour	TG 72 hour	Nuclear fragile X mental retardation-interacting protein 2 |NUFIP2
G3H6B5	5	5	12.1278 0559	3.40 E-05	2.70482 6201	TG 24 hour	TG 72 hour	Interleukin enhancer-binding factor 3 |ILF3
G3HNG2	5	5	14.6705 0338	3.50 E-05	3.83103 4756	TG 72 hour	CHOK1	Acyl-coenzyme A thioesterase 2, mitochondrial |ACOT1
G3I531	5	5	12.8073 4289	3.69 E-05	1.96492 8268	TG 24 hour	TG 72 hour	Ran GTPase-activating protein 1 |RANGAP1
G3GV47	5	5	11.8312 2218	4.00 E-05	1.69599 8952	TG 48 hour	TG 72 hour	Leucine-rich PPR motif-containing protein, mitochondrial |LRPPRC
G3HXV5	5	5	9.73357 0576	5.69 E-05	2.29124 7505	TG 24 hour	TG 72 hour	Nucleolar phosphoprotein p130 |NOLC1
G3IBG3	5	5	18.4003 036	7.29 E-05	1.76547 5388	TG 72 hour	CHOK1	Ubiquitin activating enzyme E1 |UBA1
G3GZ85	5	5	11.3723 011	8.18 E-05	2.00368 2696	TG 72 hour	CHOK1	Staphylococcal nuclease domain-containing protein |SND1

G3GU76	5	5	11.82087219	0.000132	1.723943501	TG 72 hour	CHOK1	60S acidic ribosomal protein P0 |RPLP0
G3IAS8	5	5	18.75234246	0.00015	2.106563959	TG 24 hour	TG 72 hour	Kinesin-like protein KIF27 |HNRNPK
G3GTB7	5	5	14.20563221	0.000183 4	1.767843213	TG 72 hour	CHOK1	Heterogeneous nuclear ribonucleoprotein Q |SYNCRIP
G3HZ42	5	5	18.38437486	0.000199	1.889093046	TG 72 hour	CHOK1	T-complex protein 1 subunit beta |CCT2
G3I373	5	5	12.2639904	0.000230 5	3.973689479	TG 48 hour	CHOK1	Mixed lineage kinase domain-like protein |MLKL
G3GT06	5	5	10.61971796	0.000327 7	1.746928 4	TG 72 hour	CHOK1	T-complex protein 1 subunit theta |CCT8
G3HXL1	5	5	12.74342787	0.000398 4	1.969032059	TG 24 hour	TG 72 hour	Poly(rC)-binding protein 1 |PCBP1
G3HD85	5	5	10.14185882	0.000511 7	4.807755679	TG 72 hour	CHOK1	Tax1-binding protein 1-like |
G3H0V2	5	5	16.81428385	0.000127 57	3.966581604	TG 24 hour	TG 72 hour	Tumor suppressor p53-binding protein 1 |TP53BP1
G3GZQ9	5	5	12.00564122	0.000307 9	1.641519295	TG 24 hour	TG 72 hour	DNA helicase |MCM6
G3HB62	5	5	10.5780139	0.000490 45	2.038918815	TG 72 hour	CHOK1	ATP-binding cassette sub-family F member 2 |ABCF2

G3HX54	5	5	10.36275673	0.009495	2.19874482	TG 24 hour	TG 72 hour	ESF1-like |ESF1
G3HDZ2	4	4	7.511021825	7.83E-08	57.92615458	TG 72 hour	CHOK1	Interferon-related developmental regulator 1 |IFRD1
G3H1B3	4	4	9.505722642	1.99E-07	1.507523233	TG 48 hour	TG 72 hour	Lamin-L(I) |LMNB1
G3GYX1	4	4	10.75825965	1.85E-06	1.832331836	TG 48 hour	CHOK1	Nucleolar protein 58 |NOP58
G3H8W5	4	4	10.45904636	5.89E-06	1.957594211	TG 72 hour	TG 24 hour	6-phosphofructokinase |PFKL
G3H9S0	4	4	9.218515158	6.51E-06	4.232347525	TG 72 hour	CHOK1	Protein Niban |FAM129A
G3I0D8	4	4	20.58834958	1.17E-05	2.596327307	TG 72 hour	TG 24 hour	NADH-cytochrome b5 reductase |CYB5R3
G3HJN1	4	4	11.92117405	1.58E-05	2.708588316	TG 48 hour	CHOK1	Calcium-binding and coiled-coil domain-containing protein 2 |CALCOCO2
G3HNJ3	4	4	9.896418095	2.44E-05	3.459909246	TG 72 hour	CHOK1	Clusterin |CLU
G3I0X4	4	4	13.49647546	4.85E-05	4.333311523	TG 72 hour	CHOK1	Epoxide hydrolase 1 |EPHX1
G3HX69	4	4	12.04979467	5.73E-05	3.396630476	TG 24 hour	TG 72 hour	LIM domain and actin-binding protein 1 |LIMA1
G3HLL4	4	4	9.92634058	5.85E-05	1.621392401	TG 72 hour	CHOK1	116 kDa U5 small nuclear ribonucleoprotein component |EFTUD2
G3I5Z5	4	4	15.22841847	6.24E-05	1.817881415	TG 72 hour	TG 48 hour	Prostaglandin reductase 1 |PTGR1
G3I7D7	4	4	10.87064672	6.87E-05	1.913352694	TG 24 hour	TG 72 hour	RNA-binding protein FUS |FUS
G3H9B2	4	4	10.23062468	7.95E-05	2.169723442	TG 72 hour	CHOK1	Myoferlin |MYOF

G3HRE2	4	4	12.91038418	8.84E-05	2.340848334	TG 48 hour	TG 72 hour	Apoptotic chromatin condensation inducer in the nucleus |ACIN1
G3ICL7	4	4	8.879438996	0.000109 8	2.084132142	TG 72 hour	CHOK1	Voltage-gated potassium channel subunit beta-2 |KCNAB2
G3H6V7	4	4	13.45747435	0.000110 2	3.356630636	TG 72 hour	CHOK1	Lipoprotein lipase |LPL
G3GXQ4	4	4	8.572523594	0.000145 8	1.678615524	TG 48 hour	TG 72 hour	Trifunctional enzyme subunit beta, mitochondrial |HADHB
G3IED5	4	4	15.28056359	0.000167 5	2.207148756	TG 24 hour	TG 48 hour	Peptidyl-prolyl cis-trans isomerase A |
G3HWT7	4	4	9.533566713	0.000169 4	2.108901179	TG 72 hour	CHOK1	FYVE and coiled-coil domain-containing protein 1 |FYCO1
G3I3F3	4	4	14.79482734	0.000187 5	1.857171047	TG 72 hour	TG 48 hour	Ribonuclease inhibitor |RNH1
G3GVT2	4	4	9.004094005	0.000260 5	1.694795142	TG 24 hour	TG 72 hour	Far upstream element-binding protein 1 |FUBP1
G3GS40	4	4	11.840918806	0.000027	2.077502048	TG 72 hour	CHOK1	Succinyl-CoA ligase [GDP-forming] subunit beta, mitochondrial |SUCLG2
G3GR85	4	4	10.593655261	0.000343 8	1.719247204	TG 72 hour	CHOK1	PITRM1 |PITRM1
G3HPZ5	4	4	10.828494491	0.000588 4	1.575443177	TG 72 hour	CHOK1	Macrophage-capping protein |CAPG

G3HSA2	4	4	9.02399075	0.000593 6	2.266666333	TG 72 hour	CHOK1	Myb-binding protein 1A |MYBBP1A
G3GUP7	4	4	8.650729179	0.000614 1	2.018377959	TG 72 hour	CHOK1	Ubiquitin carboxyl-terminal hydrolase |USP5
G3HC77	4	4	10.11621344	0.000662 5	2.452239043	TG 24 hour	TG 72 hour	Cell division cycle 5-related protein |CDC5L
Q9QVA0	4	4	9.594275355	0.000731 7	2.210597304	TG 72 hour	TG 48 hour	Glutathione S-transferase PI (Fragment) |GSTP1
G3IE21	4	4	11.43665791	0.001118 5	2.506063782	TG 72 hour	TG 48 hour	Aldose reductase-related protein 2 |AKR1B8
G3H2D6	4	4	8.357785583	0.001268	2.33264524	TG 72 hour	CHOK1	GTP-binding protein SAR1b |SAR1B
G3I027	4	4	11.31305504	0.001731 3	1.876404474	TG 72 hour	CHOK1	Heat shock protein 75 kDa, mitochondrial |TRAP1
G3GY44	4	4	9.828550696	0.001927 9	2.104875696	TG 72 hour	TG 24 hour	Myosin-10 |MYH10
G3HCK9	4	4	12.69991958	0.002396 9	2.163330762	TG 48 hour	TG 72 hour	Far upstream element-binding protein 2 |KHSRP
G3IDC2	4	4	9.968892694	0.002441 8	3.562167963	TG 24 hour	TG 72 hour	Heat shock cognate 71 kDa protein |HSPA8
G3HJ15	4	4	13.36968088	0.002523 2	1.715098669	TG 24 hour	TG 72 hour	E3 SUMO-protein ligase RanBP2 |RANBP2

G3I638	4	4	7.681168079	0.002649	1.661641112	TG 72 hour	CHOK1	Eukaryotic translation initiation factor 3 subunit F |EIF3F
G3GYD5	4	4	12.91290259	0.003206	3.747642215	TG 72 hour	TG 24 hour	Complement component 1 Q subcomponent-binding protein, mitochondrial |C1QBP
G3HAU1	4	4	7.815602183	0.003479	1.589444564	TG 48 hour	CHOK1	Eukaryotic translation initiation factor 3 subunit E |EIF3E
G3HSM3	4	4	8.410847902	0.003627	1.560124789	TG 72 hour	TG 48 hour	Thimet oligopeptidase |THOP1
G3GWG3	4	4	16.592289 45	0.003947	1.636574743	TG 24 hour	TG 72 hour	High mobility group protein B1 |HMGB1
G3H6L8	4	4	11.8085897	0.004620	2.245620299	TG 24 hour	TG 72 hour	Centrosomal protein of 170 kDa |CEP170
G3HBD3	4	4	11.39631057	0.006220	2.16219863	TG 72 hour	TG 48 hour	Nucleoside diphosphate kinase |NME2
G3GUR1	3	3	8.413004279	6.04E-08	16.3930098	TG 72 hour	CHOK1	Complement C1r-A subcomponent |C1RA
G3H9U3	3	3	7.148716688	7.15E-07	2.021520596	TG 24 hour	TG 72 hour	Splicing factor, proline-and glutamine-rich |SFPQ
G3IBQ9	3	3	5.225671291	1.45E-06	2.672128551	TG 72 hour	CHOK1	Phenylalanyl-tRNA synthetase beta chain |FARSB
G3GZG5	3	3	5.173454046	2.24E-06	2.199659748	TG 48 hour	CHOK1	Signal recognition particle receptor subunit beta |SRPRB
G3I8Z5	3	3	6.934756398	2.97E-06	7.022698368	TG 72 hour	TG 24 hour	Sulfiredoxin |SRXN1

G3I6L2	3	3	8.15625 5484	3.10 E-06	5.12208 1684	TG 72 hour	CHOK1	Elongator complex protein 3 |ELP3
G3I7M2	3	3	6.24943 2564	3.20 E-06	1.66836 6721	TG 72 hour	CHOK1	Elongation factor Tu |TUFM
G3HTV9	3	3	4.90038 24	4.10 E-06	1.93718 0153	TG 72 hour	TG 24 hour	Acyl-coenzyme A oxidase |ACOX1
G3H037	3	3	7.85567 0452	4.29 E-06	1.86086 9937	TG 24 hour	TG 72 hour	U5 small nuclear ribonucleoprotein 200 kDa helicase |SNRNP200
G3HL16	3	3	8.80433 5117	9.82 E-06	3.86139 5743	TG 24 hour	TG 72 hour	Splicing factor 3B subunit 1 |SF3B1
G3H7T9	3	3	5.97143 9958	1.18 E-05	1.67497 352	TG 48 hour	CHOK1	E3 ubiquitin-protein ligase HUWE1 (Fragment) |HUWE1
G3HAT2	3	3	9.56352 0908	1.31 E-05	1.96944 7091	TG 72 hour	CHOK1	NMDA receptor-regulated protein 1 |NAA15
G3I664	3	3	8.82947 3495	1.34 E-05	17.3676 7186	TG 72 hour	CHOK1	Procollagen C-endopeptidase enhancer 1 |PCOLCE
G3GRU2	3	3	9.11623 3587	1.46 E-05	2.44066 1473	TG 24 hour	TG 72 hour	Zinc finger CCCH domain-containing protein 18 |ZC3H18
G3HQI8	3	3	7.74145 2694	2.29 E-05	2.41676 8311	TG 72 hour	CHOK1	Myosin-Vb |ACAA2
G3I3J1	3	3	6.74656 558	2.50 E-05	4.06124 3631	TG 48 hour	CHOK1	Asparagine synthetase [glutamine-hydrolyzing] |ASNS
G3I1V4	3	3	8.89351 3203	2.51 E-05	2.43139 7501	TG 72 hour	CHOK1	Bifunctional purine biosynthesis protein PURH |ATIC
G3IAI5	3	3	6.62222 4808	2.80 E-05	4.72413 7852	TG 24 hour	TG 72 hour	DNA helicase |MCM5
G3HND2	3	3	9.07654 6907	3.07 E-05	1.98776 9482	TG 72 hour	CHOK1	Histone deacetylase 6 |HDAC6
G3I4L6	3	3	9.41911 2563	3.20 E-05	1.93327 1538	TG 72 hour	CHOK1	Pyruvate carboxylase |PC
G3HQ40	3	3	6.97528 2907	3.56 E-05	1.58205 2624	TG 48 hour	CHOK1	Eukaryotic peptide chain release factor GTP-binding subunit ERF3B |

G3H7R4	3	3	7.46685 5168	3.84 E-05	2.01794 7958	TG 72 hour	CHOK1	Thioredoxin-dependent peroxide reductase |PRDX3
G3GUH8	3	3	7.24888 1221	4.02 E-05	4.06785 8766	TG 72 hour	CHOK1	Serine/threonine-protein kinase WNK2 |FAM120A
G3HT22	3	3	6.28843 677	4.32 E-05	2.73906 907	TG 72 hour	TG 24 hour	Glycerol-3-phosphate dehydrogenase |GPD2
G3I449	3	3	6.67003 6554	4.82 E-05	2.52417 8489	TG 72 hour	CHOK1	Tubulin-specific chaperone D |TBCD
G3HNJ6	3	3	9.28453 3143	5.61 E-05	1.51921 4926	TG 24 hour	TG 72 hour	60S ribosomal protein L5 |RPL5
G3ILF1	3	3	7.92979 6934	5.81 E-05	1.90420 6587	TG 72 hour	CHOK1	Glutathione S-transferase | GSTM5
G3HMB4	3	3	8.41700 3036	5.94 E-05	1.73072 4932	TG 72 hour	TG 24 hour	2-oxoglutarate dehydrogenase E1 component, mitochondrial |OGDH
G3GX44	3	3	9.84944 8681	6.31 E-05	1.79128 5201	TG 72 hour	CHOK1	Protein SEC13-like |SEC13
G3HGS2	3	3	7.84414 5536	6.71 E-05	2.18280 878	TG 72 hour	TG 24 hour	Propionyl-CoA carboxylase alpha chain, mitochondrial |PCCA
G3H450	3	3	8.50468 9932	6.83 E-05	2.43479 4394	TG 72 hour	CHOK1	Isocitrate dehydrogenase [NAD] subunit, mitochondrial |IDH3B
G3HID1	3	3	7.84509 4204	7.09 E-05	2.73733 6903	TG 72 hour	TG 24 hour	RAB7A |RAB7A
G3HZY1	3	3	8.04558 6824	7.50 E-05	2.71820 2866	TG 72 hour	TG 24 hour	RuvB-like helicase |RUVBL2
G3IEH3	3	3	7.57930 7795	7.66 E-05	2.22407 3874	TG 72 hour	CHOK1	Elongation factor Tu GTP-binding domain-containing protein 1 |EFL1
G3GRK8	3	3	7.81952 5957	8.82 E-05	2.41885 353	TG 24 hour	TG 72 hour	E3 ubiquitin-protein ligase NEDD4 |NEDD4
G3IG96	3	3	10.0268 3234	9.01 E-05	2.42592 1209	TG 72 hour	CHOK1	Glutamate--cysteine ligase regulatory subunit |GCLM

G3I3Z5	3	3	10.722486697	0.000103 5	2.141294105	TG 72 hour	TG 24 hour	Coronin |CORO1B
G3I073	3	3	11.012467168	0.000116 7	2.767017482	TG 72 hour	TG 24 hour	Elongation factor 1-gamma |EEF1G
G3H042	3	3	6.337416172	0.000117 9	3.329620418	TG 24 hour	TG 72 hour	Condensin complex subunit 2 |NCAPH
G3HG69	3	3	11.323900571	0.000118 2	1.522941217	TG 72 hour	TG 48 hour	Hepatoma-derived growth factor |HDGF
G3H0F1	3	3	9.001349688	0.000126 5	3.736852119	TG 72 hour	CHOK1	Alpha-mannosidase 2C1 |MAN2C1
G3HGY8	3	3	12.270009249	0.000128 8	2.082158853	TG 72 hour	CHOK1	Elongation factor 1-alpha |EEF1A1
G3I3H2	3	3	7.843789339	0.000138 2	1.768900935	TG 72 hour	CHOK1	60S acidic ribosomal protein P2 |RPLP2
G3HW44	3	3	6.437407851	0.000155 2	2.703615442	TG 72 hour	CHOK1	Methionyl-tRNA synthetase, cytoplasmic |MARS
G3HBI9	3	3	4.870522141	0.000184 1	2.357852716	TG 72 hour	CHOK1	Leukotriene A-4 hydrolase |LTA4H
G3HSM4	3	3	6.836316109	0.000209 9	2.218585633	TG 24 hour	TG 72 hour	Small glutamine-rich tetratricopeptide repeat-containing protein alpha |SGTA

G3I7M1	3	3	7.118320823	0.000216	2.632965198	TG 24 hour	TG 72 hour	Ataxin-2-like protein |ATXN2L
G3GUB3	3	3	6.482180357	0.00023	2.920307299	TG 72 hour	TG 24 hour	Calcium-binding mitochondrial carrier protein Aralar1 |SLC25A12
G3I6J4	3	3	8.006243706	0.000254	1.993947569	TG 72 hour	CHOK1	ADP-ribosylation factor 3 |ARF1
G3IL48	3	3	6.944390297	0.000261	1.576124485	TG 72 hour	CHOK1	Protein transport protein Sec31A |SEC31A
G3GUS2	3	3	16.23938739	0.000330	2.934238052	TG 72 hour	CHOK1	ADP-ribosylation factor 4 |ARF4
G3HP71	3	3	6.14499104	0.000359	2.061685062	TG 24 hour	TG 72 hour	Heterogeneous nuclear ribonucleoprotein H (Fragment) |HNRNPH1
G3GWE6	3	3	8.543722987	0.000361	1.892481396	TG 24 hour	TG 72 hour	Cell growth-regulating nucleolar protein |LYAR
G3HS70	3	3	6.063125134	0.000364	2.411832212	TG 72 hour	TG 24 hour	Coronin |CORO7
G3IM40	3	3	7.110716701	0.000366	1.599975559	TG 72 hour	CHOK1	26S proteasome non-ATPase regulatory subunit 1 |PSMD1
G3I2I1	3	3	8.812115908	0.000376	3.108042239	TG 24 hour	TG 72 hour	DNA helicase |MCM4
G3HIN8	3	3	6.862438202	0.000382	10.321427726	TG 24 hour	TG 72 hour	Leucine zipper protein 1 |LUZP1

G3HFN7	3	3	5.7700665	0.000387	2.699186812	TG 72 hour	TG 24 hour	Pyridoxal-dependent decarboxylase domain-containing protein 1 |PDXDC1
G3H1M4	3	3	6.825610161	0.000391	2.124610989	TG 72 hour	CHOK1	Eukaryotic translation initiation factor 2 subunit 1 |EIF2S1
G3HSW8	3	3	8.295971394	0.000398	2.364780615	TG 72 hour	TG 24 hour	Translocon-associated protein subunit delta |SSR4
G3GW69	3	3	7.780261159	0.000421	3.355773493	TG 48 hour	TG 72 hour	Bcl-2-associated transcription factor 1 |BCLAF1
G3GWQ1	3	3	7.643459797	0.000443	1.701990125	TG 24 hour	TG 48 hour	Vinculin |VCL
G3GW47	3	3	6.240391135	0.000464	1.842485641	TG 72 hour	CHOK1	Arginyl-tRNA synthetase, cytoplasmic |RARS
G3H6Y6	3	3	7.461849928	0.000504	1.566472426	TG 72 hour	CHOK1	NSFL1 cofactor p47 |NSFL1C
G3I2M1	3	3	7.167459249	0.000507	2.090146351	TG 72 hour	CHOK1	T-complex protein 1 subunit zeta |CCT6A
G3I1P6	3	3	6.628595352	0.000555	2.452686418	TG 24 hour	TG 72 hour	Nucleosome-binding protein 1 |HMGN5
G3HQR1	3	3	5.601575017	0.000592	2.217371302	TG 72 hour	CHOK1	Guanine nucleotide-binding protein-like 1 (Fragment) |GNL1
G3I887	3	3	10.100722207	0.000641	1.979577215	TG 72 hour	CHOK1	Peroxiredoxin |Prdx1

G3HS69	3	3	5.954612613	0.000753 7	2.096687799	TG 72 hour	TG 24 hour	DnaJ-like subfamily A member 3, mitochondrial |DNAJA3
G3H6S8	3	3	9.952706337	0.000794 8	1.770024502	TG 72 hour	CHOK1	Inorganic pyrophosphatase |PPA1
G3IBL4	3	3	7.502595663	0.000795 5	1.912274974	TG 72 hour	CHOK1	Glucose-6-phosphate 1-dehydrogenase |FAM3A
G3HQL6	3	3	7.263238192	0.000855 9	2.098155853	TG 72 hour	CHOK1	Thioredoxin reductase 1, cytoplasmic |TXNRD1
G3IEY0	3	3	6.007975578	0.000883 2	1.909709891	TG 24 hour	CHOK1	Succinate dehydrogenase [ubiquinone] iron-sulfur subunit, mitochondrial |SDHB
G3GZ89	3	3	7.275507569	0.000886 5	1.716001701	TG 72 hour	CHOK1	Inosine-5'-monophosphate dehydrogenase |
G3HXY1	3	3	9.279169798	0.000954 3	2.809578202	TG 24 hour	TG 72 hour	PDZ and LIM domain protein 1 |PDLIM1
G3H2H5	3	3	8.225744009	0.000957 4	1.737527052	TG 72 hour	TG 24 hour	Acetyltransferase component of pyruvate dehydrogenase complex |DLAT
G3HJB6	3	3	9.632069349	0.001121 6	2.73157637	TG 72 hour	CHOK1	Ras and Rab interactor-like protein |HNRNPL
G3I4N3	3	3	6.140588522	0.001268	1.737661406	TG 72 hour	CHOK1	Lysine--tRNA ligase |KARS
G3HBJ9	3	3	5.964482903	0.001301 7	3.534632038	TG 24 hour	TG 72 hour	Methionine aminopeptidase 2 |METAP2

G3HQ69	3	3	10.2535 8582	0.00 1313	1.93004 6976	TG 24 hour	TG 72 hour	Src substrate cortactin |CTTN
G3I7L9	3	3	7.60580 0152	0.00 1454	1.61006 6281	TG 72 hour	CHOK1	Eukaryotic translation initiation factor 3 subunit C |EIF3C
G3HK00	3	3	10.2715 6687	0.00 1479 8	1.79774 5784	TG 72 hour	CHOK1	Guanine nucleotide-binding protein subunit beta-2-like 1 |RACK1
G3H576	3	3	5.56970 5486	0.00 1505 5	1.78697 0108	TG 72 hour	TG 24 hour	Annexin |ANXA6
G3IA32	3	3	7.54179 5015	0.00 1594	1.74419 1835	TG 72 hour	TG 24 hour	COP9 signalosome complex subunit 4 |COPS4
G3HFL6	3	3	7.50394 3443	0.00 1701 2	1.81167 7881	TG 72 hour	CHOK1	ATP-binding cassette sub-family G member 3 |PDHB
G3IND2	3	3	8.03547 2751	0.00 1704 6	2.73864 0986	TG 72 hour	TG 24 hour	26S proteasome non-ATPase regulatory subunit 13 |PSMD13
G3I873	3	3	7.42915 5231	0.00 1764 3	3.13684 5947	TG 72 hour	TG 24 hour	Ubiquitin thioesterase OTUB1 |OTUB1
G3H134	3	3	7.83536 7441	0.00 1771 6	2.37399 6183	TG 24 hour	TG 72 hour	MKI67 FHA domain-interacting nucleolar phosphoprotein |NIFK
G3GWF4	3	3	11.5174 9587	0.00 1810 9	1.54308 2291	TG 24 hour	TG 48 hour	Heat shock protein 105 kDa (Fragment) |HSPH1
G3I2N4	3	3	7.87736 5828	0.00 2006 2	1.69585 7352	TG 24 hour	TG 72 hour	Lamina-associated polypeptide 2, isoforms alpha/zeta |TMPO

G3I0C8	3	3	10.94494009	0.002071	1.835766104	TG 72 hour	CHOK1	Acetyl-CoA acetyltransferase, mitochondrial |ACAT1
G3GS14	3	3	7.615438461	0.002171	2.252636181	TG 72 hour	CHOK1	TMEM43 |TMEM43
G3HSW2	3	3	7.872362852	0.002362	2.474858301	TG 72 hour	CHOK1	Uncharacterized protein |NAA10
G3HUN1	3	3	6.740034699	0.002555	1.530912836	TG 48 hour	CHOK1	Ubiquitin carboxyl-terminal hydrolase |UCHL5
G3HJ89	3	3	7.230349898	0.002886	1.974702281	TG 72 hour	TG 24 hour	Clathrin heavy chain |CLTC
G3HJP6	3	3	6.548223495	0.002950	1.612688826	TG 72 hour	TG 48 hour	Prohibitin |PHB
G3IIT5	3	3	7.713575363	0.003151	2.055342118	TG 24 hour	TG 72 hour	Nucleosome assembly protein 1-like 4 |
G3HFP5	3	3	7.833267093	0.003203	1.533375966	TG 48 hour	CHOK1	RNA helicase |DDX10
G3I6I6	3	3	9.150938988	0.003324	3.057217555	TG 24 hour	TG 72 hour	Tubulin alpha chain |TUBA1B
G3IDM2	3	3	7.313837528	0.004816	1.63569538	TG 72 hour	CHOK1	Cofilin-1 |CFL1

G3H2N6	3	3	6.678384662	0.005005 8	1.876447964	TG 72 hour	CHOK1	Programmed cell death 6-interacting protein |PDCD6IP
G3H2G5	3	3	9.23413372	0.005529 2	2.371264695	TG 72 hour	TG 24 hour	Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A beta isoform |PPP2R1B
G3IH96	3	3	7.669658661	0.005850 9	2.800494266	TG 24 hour	TG 72 hour	Eukaryotic translation initiation factor 4B |EIF4B
G3HN14	3	3	8.46574688	0.034573 6	2.398377585	TG 24 hour	TG 72 hour	Transitional endoplasmic reticulum ATPase |PIGO
G3I6K0	3	3	7.613112569	0.035930 4	1.777946164	TG 48 hour	CHOK1	DDX23 |DDX23
G3HRY2	2	2	3.772201538	2.33E-07	2.901826893	TG 72 hour	CHOK1	Peroxisomal carnitine O-octanoyltransferase |CROT
G3I644	2	2	4.555887103	8.88E-07	2.016366666	TG 48 hour	TG 72 hour	Putative ATP-dependent RNA helicase DDX52 |DDX52
G3H892	2	2	3.758478045	3.19E-06	1.705496582	TG 72 hour	CHOK1	Aminoacylase-1A |
G3IFL3	2	2	6.250514507	3.53E-06	2.174160353	TG 72 hour	CHOK1	Signal recognition particle 72 kDa protein |SRP72
G3HTZ9	2	2	6.0755198	3.79E-06	974.1551402	TG 48 hour	CHOK1	Cyclic AMP-dependent transcription factor ATF-6 alpha |ATF6
G3HXH2	2	2	4.487365842	5.68E-06	2.700172915	TG 72 hour	TG 24 hour	Microtubule-associated proteins 1A/1B light chain 3B |
G3H5K6	2	2	4.210269928	6.05E-06	3.880315102	TG 72 hour	CHOK1	Pyruvate dehydrogenase E1 component subunit alpha |PDHA1
G3I7B3	2	2	4.999448818	6.96E-06	4.489318648	TG 48 hour	CHOK1	RAB32 |RAB32

G3H2P6	2	2	5.841004133	9.34E-06	3.60868496	TG 72 hour	CHOK1	Cytoplasmic dynein 1 light intermediate chain 1 |DYNC1LI1
G3HMU3	2	2	6.164738178	9.50E-06	21.35478481	TG 48 hour	CHOK1	Serine/arginine repetitive matrix protein 1 |SRRM1
G3HKQ9	2	2	6.140723467	1.07E-05	3.973074549	TG 24 hour	TG 72 hour	SWI/SNF complex subunit SMARCC1 (Fragment) |SMARCC1
G3HDL6	2	2	7.392012596	1.35E-05	5.363806818	TG 72 hour	CHOK1	Elongation factor 1-beta |EEF1B
G3I3Y6	2	2	8.845794201	1.40E-05	2.373260893	TG 72 hour	CHOK1	Glutathione S-transferase P |GSTP1
G3HAF4	2	2	6.32129097	1.74E-05	2.852355485	TG 48 hour	TG 72 hour	Splicing factor 3B subunit 3 |SF3B3
G3IQ49	2	2	5.077658892	1.84E-05	3.103968233	TG 48 hour	TG 72 hour	SWI/SNF-related matrix-associated actin-dependent regulator chromatin subfamily E member 1 |SMARCE1
G3HJ64	2	2	5.519755131	2.18E-05	3.825491779	TG 24 hour	TG 72 hour	ZNF330 |ZNF330
G3H6W0	2	2	4.951625344	2.64E-05	1.657293387	TG 72 hour	CHOK1	ATP6V1B2 (Fragment) |ATP6V1B2
G3H110	2	2	5.018449903	3.21E-05	2.6953044	TG 72 hour	CHOK1	Calcium-binding protein p22 |CHP
G3IEX2	2	2	6.869317777	3.59E-05	3.426108508	TG 24 hour	TG 72 hour	Nuclease-sensitive element-binding protein 1 |YBX1
G3GYX2	2	2	5.121022701	4.15E-05	1.870383296	TG 48 hour	CHOK1	Nucleolar protein 58 |NOP58
G3HCM4	2	2	3.515505672	4.43E-05	2.217450216	TG 48 hour	CHOK1	CAAX prenyl protease |ZMPSTE24
G3H1D6	2	2	5.401495099	5.00E-05	5.46925358	TG 24 hour	TG 72 hour	A kinase anchor protein 1, mitochondrial |AKAP1
G3HCL8	2	2	3.580421805	5.44E-05	2.228867549	TG 72 hour	CHOK1	Cdc42-interacting protein 4 |TRIP10
G3GSK4	2	2	6.118527651	5.48E-05	4.621447051	TG 24 hour	TG 72 hour	Non-specific serine/threonine protein kinase |

G3I2F8	2	2	6.67714 1666	6.38 E-05	4.06356 6376	TG 24 hour	TG 72 hour	U4/U6.U5 tri-snRNP-associated protein 1 |SART1
G3GYR9	2	2	8.80586 7791	6.41 E-05	2.24507 5639	TG 72 hour	CHOK1	40S ribosomal protein S8 |RPS8
G3IDJ8	2	2	4.81912 6964	7.05 E-05	2.05874 5718	TG 72 hour	CHOK1	ATP-dependent 6-phosphofructokinase |PFKL
G3H0B5	2	2	5.51696 4436	7.29 E-05	2.44736 9306	TG 72 hour	TG 48 hour	Isocitrate dehydrogenase [NAD] subunit, mitochondrial |IDH3A
G3GWQ3	2	2	4.61995 3632	7.79 E-05	1.88728 3214	TG 72 hour	CHOK1	Adenosine kinase |ADK
Q9Z2J2	2	2	5.43717 0982	8.32 E-05	1.68738 1511	TG 48 hour	CHOK1	DNA-(apurinic or apyrimidinic site) lyase |APEX1
G3IIB5	2	2	6.65497 5653	8.43 E-05	2.24548 0756	TG 72 hour	TG 24 hour	Secretory carrier-associated membrane protein (Fragment) |SCAMP2
G3H1Y2	2	2	4.66481 6976	0.00 0101 4	2.33046 6122	TG 24 hour	TG 72 hour	YTH domain family protein 2 |YTHDF2
G3IK13	2	2	8.38225 0786	0.00 0111 7	1.57677 4379	TG 72 hour	CHOK1	Eukaryotic translation initiation factor 3 subunit C |EIF3C
G3H3D3	2	2	3.78110 1942	0.00 0126 1	1.62836 2723	TG 48 hour	CHOK1	Branched-chain-amino-acid aminotransferase |BCAT1
G3HDD8	2	2	4.48384 0108	0.00 0139 5	2.57992 8609	TG 72 hour	TG 24 hour	Importin-4 |IPO4
G3HQK4	2	2	4.12419 0688	0.00 0141 4	5.55895 0394	TG 48 hour	CHOK1	Discoidin domain-containing receptor 2 |DDR2

G3HLM6	2	2	5.13176322	0.000141 7	3.182189518	TG 24 hour	TG 72 hour	Protein HEXIM1 |HEXIM1
G3IJ29	2	2	3.944878817	0.000145 5	3.330868226	TG 72 hour	CHOK1	Eukaryotic translation initiation factor 3 subunit D |EIF3D
G3H683	2	2	4.215998054	0.000149 8	1.779492 56	TG 48 hour	CHOK1	Small subunit processome component 20-like |UTP20
Q80Z93	2	2	6.617012739	0.000153 5	8.965257167	TG 24 hour	TG 72 hour	Gap junction protein |GJA1
G3HD84	2	2	5.116122246	0.000154 6	1.939299733	TG 72 hour	CHOK1	3-hydroxyisobutyrate dehydrogenase |
G3HP69	2	2	9.509717464	0.000170 6	1.743573123	TG 72 hour	TG 24 hour	Calnexin |CANX
G3HCW3	2	2	6.028910398	0.000171 7	2.193600468	TG 72 hour	CHOK1	ATPase ASNA1 |
G3HQX0	2	2	5.341915607	0.000171 8	1.792692267	TG 72 hour	CHOK1	40S ribosomal protein SA |RPSA
G3GYV4	2	2	4.378906488	0.000184 9	1.550591991	TG 48 hour	CHOK1	Ribosome biogenesis protein WDR12 |
G3HH39	2	2	7.053220034	0.000188 6	2.659643232	TG 72 hour	CHOK1	Elongation factor 1-alpha 1 |EEF1A1

G3I5V6	2	2	4.628555775	0.000191915	2.279202426	TG 48 hour	TG 72 hour	Mitotic checkpoint protein BUB3 |BUB3
G3GUN0	2	2	5.033673286	0.000191918	1.969348571	TG 24 hour	TG 72 hour	Chromodomain-helicase-DNA-binding protein 4 |CHD4
G3HB42	2	2	4.673312068	0.000193191	2.154219646	TG 72 hour	CHOK1	Heme-binding protein 1 |HEBP1
G3INF7	2	2	5.078935981	0.000201	2.253689664	TG 72 hour	CHOK1	Glutathione S-transferase Mu 1 |GSTM1
G3HLP4	2	2	5.442706108	0.000213191	1.986483674	TG 24 hour	TG 72 hour	Eukaryotic translation initiation factor 4H |EIF4H
G3HFQ4	2	2	4.132060289	0.000219195	2.017271826	TG 72 hour	TG 24 hour	Dihydrolipoamide acetyltransferase component of pyruvate dehydrogenase complex |DLST
G3IA94	2	2	6.078561306	0.000233193	4.442056887	TG 72 hour	TG 24 hour	MYL12B |MYL12B
G3HTG9	2	2	5.143741012	0.000247696	3.014608016	TG 72 hour	TG 24 hour	Glyoxalase domain-containing protein 4 |GLOD4
G3HR05	2	2	4.377892375	0.000268	3.089443386	TG 24 hour	TG 72 hour	Condensin complex subunit 3 |NCAPG
G3GWX6	2	2	7.514330387	0.000294292	2.539352786	TG 72 hour	TG 24 hour	Leukocyte elastase inhibitor A |SERPINB1A
Q1ERS4	2	2	5.377771378	0.000315195	2.628531523	TG 72 hour	TG 24 hour	CRILO Dynamin-like protein 1 |DNM1L

G3IC99	2	2	6.488249779	0.000327	2.011584322	TG 24 hour	TG 72 hour	Septin-11 |SEPTIN11
G3I0I7	2	2	5.378004313	0.000330	4.06052267	TG 72 hour	CHOK1	S-methyl-5'-thioadenosine phosphorylase |MTAP
G3H9I6	2	2	3.801449895	0.000343	1.944446273	TG 48 hour	CHOK1	Testin |TES
G3H5L5	2	2	4.153041959	0.000349	2.864284751	TG 48 hour	CHOK1	Non-specific serine/threonine protein kinase |RPS6KA3
Q06950	2	2	7.027587891	0.000349	25.57745006	TG 24 hour	TG 72 hour	Carbamoyl-phosphate synthase (Glutamine-hydrolysing) (Aspartate carbamoyltransferase) (Dihydroorotase) (Fragment) |CAD
G3HT37	2	2	8.919006824	0.000351	2.260839171	TG 48 hour	TG 72 hour	Acyl-CoA-binding domain-containing protein 5 |ACBD5
G3GYA2	2	2	5.069195986	0.000371	2.303119317	TG 48 hour	CHOK1	Very long-chain specific acyl-CoA dehydrogenase, mitochondrial |ACADVL
G3I8D0	2	2	5.62288785	0.000400	2.16175979	TG 24 hour	TG 72 hour	Suppressor of G2 allele of SKP1-like |SUGT1
G3II52	2	2	3.425168633	0.000416	2.446000587	TG 72 hour	CHOK1	Oxysterol-binding protein (Fragment) |OSBP
G3I5S9	2	2	4.449365854	0.000431	16.48079124	TG 24 hour	TG 72 hour	Pleckstrin-likey-like domain family B member 1 |PHLDB1

G3HM30	2	2	6.687369585	0.000456 5	3.530103417	TG 72 hour	CHOK1	Zinc finger protein 622 |
G3ICJ8	2	2	3.956613898	0.000480 4	2.310274183	TG 72 hour	TG 48 hour	Isovaleryl-CoA dehydrogenase, mitochondrial |
G3I3W4	2	2	7.357466698	0.000497 4	2.46677644	TG 72 hour	TG 48 hour	S-formylglutathione hydrolase |ESD
G3I9W7	2	2	4.551783323	0.000506 3	5.495499459	TG 72 hour	TG 24 hour	Ras-related protein Rab-6A (Fragment) |RAB6A
G3GRH9	2	2	6.152210236	0.000520 3	1.942545994	TG 48 hour	TG 72 hour	Tropomodulin-3 |
G3I2E9	2	2	6.181271553	0.000538 5	1.934651151	TG 72 hour	CHOK1	Ras-related protein Rab-1B |RAB1B
G3I1F9	2	2	3.808900833	0.000560 8	2.208925748	TG 24 hour	TG 72 hour	Chromosome-associated kinesin KIF4 |KIF3A
G3I000	2	2	4.760940075	0.000564 3	1.770648024	TG 72 hour	CHOK1	Aldehyde dehydrogenase family 16 member A1 |ALDH16A1
G3HID0	2	2	3.894942403	0.000583 9	1.696735461	TG 72 hour	TG 24 hour	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1 |RPN1
G3HJH9	2	2	5.178064823	0.000592 8	3.443107876	TG 24 hour	TG 72 hour	RPA3 |

G3HMB1	2	2	3.296681285	0.000614	1.619563649	TG 48 hour	CHOK1	DDX56 |DDX56
G3GRW1	2	2	3.745344758	0.000629	1.665900216	TG 72 hour	TG 24 hour	Cytochrome c oxidase subunit 4 isoform 1, mitochondrial |COX4I1
G3HRK8	2	2	7.280792475	0.000635	5.947022893	TG 24 hour	TG 72 hour	Partner of Y14 and mago |PYM1
G3H3P1	2	2	3.893063664	0.000639	2.959583397	TG 72 hour	CHOK1	RAB18 |RAB18
G3IDJ2	2	2	4.260406017	0.000655	1.947123442	TG 72 hour	CHOK1	Nuclear pore complex protein Nup214 |NUP214
G3H5U0	2	2	4.756014585	0.000690	1.803192075	TG 48 hour	CHOK1	CDK5 regulatory subunit-associated protein 3 |CDK5RAP3
G3I1J6	2	2	5.472106218	0.000712	1.720812009	TG 72 hour	CHOK1	[Protein ADP-ribosylarginine] hydrolase |ADPRH
G3HCK7	2	2	5.597069263	0.000719	2.865216335	TG 48 hour	TG 72 hour	General transcription factor IIF subunit 1 |GTF2F1
G3GUG1	2	2	4.728351831	0.000729	1.754004959	TG 24 hour	TG 72 hour	Nuclear pore complex protein Nup153 |NUP153
G3I1S5	2	2	4.264203787	0.000793	1.870280059	TG 72 hour	CHOK1	Glyceraldehyde-3-phosphate dehydrogenase |GAPDH
G3HHA3	2	2	5.855865479	0.000795	2.679274293	TG 72 hour	CHOK1	40S ribosomal protein S24 |RPS24

G3HKA5	2	2	5.547767639	0.000846	2.366513414	TG 72 hour	CHOK1	Sorting nexin-2 |SNX2
G3GT05	2	2	6.471783876	0.000852	2.92361608	TG 72 hour	CHOK1	T-complex protein 1 subunit theta |CCT8
G3ILG2	2	2	5.655864239	0.000862	4.392234861	TG 24 hour	TG 72 hour	THUMP domain-containing protein 1 |THUMPD1
G3H8E7	2	2	5.585819483	0.000865	1.696511717	TG 48 hour	CHOK1	Mannose-1-phosphate guanyltransferase beta |GMPPB
G3HA11	2	2	3.741518021	0.000868	2.205598406	TG 72 hour	CHOK1	Transducin beta-like protein 2 |TBL2
G3GUI3	2	2	5.898175478	0.000881	2.367938172	TG 48 hour	TG 72 hour	Peptidylprolyl isomerase |FKBP4
G3I2Y1	2	2	4.226844072	0.000893	1.690916229	TG 72 hour	CHOK1	Aspartate aminotransferase |GOT2
G3I9E3	2	2	5.613373518	0.000931	3.352736155	TG 24 hour	TG 72 hour	Ribosomal RNA processing protein 1-like B |RRP1B
G3HWC3	2	2	4.304913282	0.000935	2.24463887	TG 24 hour	TG 72 hour	EZR |EZR
G3HL33	2	2	4.717460632	0.000939	1.71502457	TG 24 hour	TG 72 hour	Zyxin |

G3GYJ5	2	2	4.196238279	0.000992 7	1.932881217	TG 24 hour	TG 72 hour	Cytoskeleton-associated protein 5 |CKAP5
G3H497	2	2	4.635771751	0.001012 5	1.773107174	TG 48 hour	CHOK1	Inositol-3-phosphate synthase 1 | ISYNA1
G3HUX4	2	2	7.108142853	0.001035 2	3.381621604	TG 24 hour	TG 72 hour	Ubiquitin carboxyl-terminal hydrolase 14 |USP14
G3HEA9	2	2	5.088900208	0.001038	5.97558471	TG 72 hour	TG 24 hour	Minor histocompatibility antigen H13 |HM13
G3H215	2	2	7.388163328	0.001046 1	2.217646713	TG 72 hour	CHOK1	40S ribosomal protein SA |RPSA
G3GXB1	2	2	10.98674512	0.001073	2.889403269	TG 24 hour	TG 72 hour	THO complex subunit 4 |ALYREF
G3I310	2	2	5.628816128	0.001156 9	1.818683959	TG 72 hour	TG 48 hour	26S proteasome non-ATPase regulatory subunit 2 |PSMD2
G3HU24	2	2	5.634215355	0.001171 5	1.968893269	TG 72 hour	CHOK1	Aflatoxin B1 aldehyde reductase member 2 |AKR7A2
G3GSU4	2	2	3.971874237	0.001172 5	2.089432048	TG 72 hour	CHOK1	Glyceraldehyde-3-phosphate dehydrogenase |GAPDH
G3HDR3	2	2	4.504758835	0.001231 8	2.135862355	TG 72 hour	CHOK1	T-complex protein 1 subunit delta |CCT4
G3GT57	2	2	5.467602968	0.001247 2	4.798061541	TG 24 hour	TG 72 hour	Protein SON |SON

G3I9S3	2	2	5.150323153	0.001250 2	1.825213734	TG 72 hour	CHOK1	60S ribosomal protein L7a |RPL7A
G3HBY2	2	2	7.211332917	0.001251 4	2.342258704	TG 24 hour	TG 72 hour	HN1L |
G3I6H3	2	2	8.45166111	0.001312 4	2.673941215	TG 24 hour	TG 72 hour	Splicing factor 1 |SF1
G3H0S4	2	2	5.538892508	0.001330 1	2.565140519	TG 72 hour	CHOK1	Sorbitol dehydrogenase |SORD
G3H9G4	2	2	6.071681738	0.001376 3	3.261967374	TG 72 hour	CHOK1	ATP-binding cassette sub-family E member 1 |ABCE1
G3IIA1	2	2	5.8507967	0.001479 7	2.266193039	TG 72 hour	CHOK1	Methylosome protein 50 (Fragment) |
G3I1E0	2	2	4.949477196	0.001486 9	3.142482882	TG 72 hour	CHOK1	Propionyl-CoA carboxylase beta chain, mitochondrial |PCCB
G3HDQ2	2	2	6.155235767	0.001494 1	3.19974716	TG 72 hour	CHOK1	Malate dehydrogenase |MDH1
G3H6X3	2	2	6.670614958	0.001566	5.710936252	TG 24 hour	TG 72 hour	Protein LTV1-like (Fragment) |LTV1
G3HN88	2	2	4.328624699	0.001572 8	2.074911853	TG 72 hour	CHOK1	Adenylyl cyclase-associated protein |CAP1
G3HMD1	2	2	8.970413685	0.001574 9	3.290305899	TG 72 hour	TG 24 hour	Glyceraldehyde-3-phosphate dehydrogenase |GAPDH

G3IHY5	2	2	6.78230691	0.001590 6	1.75953944	TG 72 hour	CHOK1	6-phosphogluconate dehydrogenase, decarboxylating |PGD
G3H256	2	2	4.81045 2938	0.001603 5	1.92703429	TG 24 hour	TG 72 hour	26S proteasome non-ATPase regulatory subunit 9 |PSMD9
G3HDT0	2	2	4.75496 9716	0.001610 7	2.63809 3423	TG 24 hour	TG 72 hour	Histone H2B |H2B1_PONAB
G3HHL3	2	2	4.98267 0784	0.001646 1	1.96166 696	TG 48 hour	CHOK1	Eukaryotic translation initiation factor 5B |EIF5B
G3HMM2	2	2	5.56688 5948	0.00 1659	1.63581 6808	TG 72 hour	CHOK1	Peptidyl-prolyl cis-trans isomerase |PPID
G3IGL0	2	2	4.94273 0427	0.001709 7	1.80043 6262	TG 72 hour	CHOK1	Putative heterogeneous nuclear ribonucleoprotein A1-like protein 3 |HNRNPA1
G3IN18	2	2	5.41635 2749	0.001782 5	1.53168 5492	TG 72 hour	CHOK1	60S ribosomal protein L8 | RPL8
G3HQ05	2	2	4.51990 6521	0.001782 7	1.62106 8544	TG 72 hour	CHOK1	Succinate--CoA ligase [ADP/GDP-forming] subunit alpha, mitochondrial |SUCLG1
G3HHF3	2	2	6.17705 512	0.001822 6	1.74293 9433	TG 72 hour	TG 24 hour	Succinyl-CoA:3-ketoacid-coenzyme A transferase |OXCT1
G3GRV0	2	2	5.09049 3441	0.001894 3	1.89563 8151	TG 48 hour	CHOK1	Kelch domain-containing protein 4 |KLHDC4

G3HZY0	2	2	3.97875917	0.001975	2.051133428	TG 72 hour	CHOK1	Glycogen [starch] synthase |GYS1
G3GRU9	2	2	5.42429316	0.001982	2.03213032	TG 48 hour	TG 72 hour	Large neutral amino acids transporter small subunit 1 |SLC7A5
G3HT32	2	2	5.20364 2368	0.002016	1.80692 9688	TG 72 hour	TG 24 hour	CUL2 |CUL2
G3IIA0	2	2	4.60224 8073	0.002025	2.24060 6249	TG 72 hour	TG 24 hour	ATP synthase subunit b, mitochondrial |ATP5F1
G3HXT3	2	2	7.00380 4922	0.002065	2.14642 8807	TG 24 hour	TG 72 hour	Protein kinase C and casein kinase substrate in neurons protein 2 |PACSIN2
G3I595	2	2	3.19896 5311	0.002070	3.48269 5972	TG 72 hour	TG 24 hour	Histidyl-tRNA synthetase, cytoplasmic |HARS
G3IAG0	2	2	6.55747 6521	0.002071	2.55123 3133	TG 72 hour	TG 24 hour	Xaa-Pro aminopeptidase 1 |XPNPEP1
G3HTF8	2	2	6.13188 9105	0.002127	1.60234 6522	TG 72 hour	CHOK1	Proto-oncogene C-crk |CRK
G3GXW9	2	2	8.54231 6198	0.002150	2.84849 3807	TG 72 hour	CHOK1	SAM domain and HD domain-containing protein 1 |SAMHD1
G3I3G8	2	2	4.78169 8704	0.002192	1.70381 9124	TG 24 hour	TG 72 hour	Transaldolase |TALDO1

G3H6E1	2	2	4.852155447	0.002245	1.89683655	TG 48 hour	TG 72 hour	Eukaryotic translation initiation factor 3 subunit G |EIF3G
G3H9J8	2	2	3.387457728	0.002271	2.716206629	TG 72 hour	CHOK1	Exportin-T |XPOT
G3HN72	2	2	5.901360989	0.002278	4.245652169	TG 72 hour	CHOK1	Microtubule-actin cross-linking factor 1, isoform 4 |MACF1
G3I7T3	2	2	4.627599478	0.002371	2.142944774	TG 24 hour	CHOK1	Pre-mRNA 3'-end-processing factor FIP1 |FIP1L1
G3HJ68	2	2	4.414553523	0.002503	1.824439049	TG 72 hour	CHOK1	Heterogeneous nuclear ribonucleoprotein M |
G3H4V1	2	2	3.504025221	0.002671	2.587881146	TG 24 hour	TG 72 hour	Septin-2 |SEPTIN2
G3HCN2	2	2	5.107547998	0.002730	1.817720325	TG 72 hour	CHOK1	CTP synthase |CTPS1
G3HJB1	2	2	6.233326435	0.002798	2.656526892	TG 24 hour	TG 72 hour	Alpha-actinin-4 |ACTN1
G3GS61	2	2	4.093367577	0.003143	1.787685135	TG 72 hour	TG 24 hour	PRA1 family protein |ARL6IP5
G3IIZ6	2	2	6.578313351	0.003232	1.560849128	TG 72 hour	TG 24 hour	Structural maintenance of chromosomes protein 3 |SMC3
G3HYB7	2	2	4.893444777	0.003248	1.827500121	TG 48 hour	CHOK1	T-complex protein 1 subunit eta |CCT7

G3I1H0	2	2	4.825657845	0.003327	1.894134153	TG 24 hour	TG 48 hour	DNA helicase |MCM3
G3HAQ2	2	2	7.434747696	0.003343	1.988795179	TG 72 hour	TG 48 hour	Eukaryotic translation initiation factor 6 | EIF6
G3II47	2	2	4.032956958	0.003371	1.945889	TG 72 hour	CHOK1	Aconitate hydratase, mitochondrial |ACO2
G3H3H9	2	2	5.22846055	0.003439	1.993378815	TG 72 hour	CHOK1	Aminopeptidase B |RNPEP
G3IBP3	2	2	3.603535891	0.003604	45.575244526	TG 48 hour	TG 24 hour	Keratin, type II cytoskeletal 2 epidermal |KRT2
G3IFX0	2	2	4.387202024	0.003607	1.779779772	TG 72 hour	CHOK1	Programmed cell death protein 6 |PDCD6
G3GRB9	2	2	5.346226931	0.003858	4.127568906	TG 24 hour	TG 48 hour	Melanoma inhibitory activity protein 3 |BROX
G3ICC2	2	2	6.845270395	0.003898	1.702185699	TG 48 hour	CHOK1	BAG family molecular chaperone regulator 3 |BAG3
G3H2J8	2	2	7.774595022	0.003978	1.876077098	TG 24 hour	TG 72 hour	Heterogeneous nuclear ribonucleoproteins A2/B1 |HNRNPA2B1
G3H7A8	2	2	4.658293486	0.004317	2.128456873	TG 72 hour	CHOK1	Kinectin |KTN1
G3HW48	2	2	4.562605858	0.004569	1.575856147	TG 72 hour	TG 24 hour	DCTN2 |DCTN2

G3I5S7	2	2	3.48128581	0.004845 6	1.557819567	TG 72 hour	TG 48 hour	Coatomer subunit delta |ARCN1
G3HKZ1	2	2	4.091379404	0.005059 3	9.401357699	TG 24 hour	TG 72 hour	14-3-3 protein zeta/delta |YWHAZ
G3HF46	2	2	6.194955587	0.005383 8	1.992115213	TG 72 hour	TG 24 hour	Polypyrimidine tract-binding protein 1 |PTBP1
G3HRD3	2	2	4.151879 43	0.005413 9	2.340199762	TG 72 hour	CHOK1	Protein arginine N-methyltransferase 5 |PRMT5
G3HRY8	2	2	4.519631147	0.005587 4	2.378650849	TG 24 hour	TG 72 hour	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 5 |SMARCA5
G3IKI6	2	2	4.076986074	0.006526 7	Infinity	TG 48 hour	TG 24 hour	Keratin, type II cytoskeletal 1b |KRT5
G3H2T7	2	2	4.245817661	0.006922 5	3.471047351	TG 24 hour	TG 72 hour	Histone H3 |H3_URECA
G3GU60	2	2	4.131759524	0.007403	1.609412067	TG 72 hour	CHOK1	Phosphatidylethanolamine-binding protein 1 |PEBP1
G3I334	2	2	4.899352789	0.007875 4	2.060869793	TG 72 hour	CHOK1	Hydroxyacyl-coenzyme A dehydrogenase, mitochondrial |HADH
G3HRQ4	2	2	5.091134548	0.008566 1	1.575331361	TG 48 hour	CHOK1	Myosin light polypeptide 6 |MYL6
G3H204	2	2	4.517576218	0.012739	1.760026416	TG 72 hour	CHOK1	Syntaxin-12 |STX12

G3I7W5	2	2	5.223365307	0.020733 5	1.548940057	TG 48 hour	TG 72 hour	Myosin-XVIIIa |MYO18A
G3HP03	2	2	6.83137393	0.023383 1	1.758305139	TG 48 hour	TG 72 hour	RNA-binding protein EWS |EWSR1
G3IB32	2	2	4.47236371	0.024697 1	1.775672759	TG 24 hour	TG 72 hour	Twinfilin-1 |TWF1
G3GUQ6	2	2	3.38717 4964	0.028362 8	1.711919 58	TG 72 hour	CHOK1	Prohibitin-2 |PHB2
G3I3I0	2	2	4.22555 5301	0.040233 1	1.791639725	TG 48 hour	TG 72 hour	AP-2 complex subunit alpha |AP2A1

Table 2. Differentially expressed proteins in CHO DP-12 cell line upon thapsigargin exposure.

Accession	Peptide count	Unique peptides	Confidence score	Anova (p)	Max fold change	Highest mean condition	Lowest mean condition	Description
G3I9X8	26	26	90.55024469	5.06E-05	4.3	DP12	Thapsigargin 72h	Spectrin alpha chain, brain |SPTAN1
G3HWJ3	21	21	68.13854671	0.000947462	2.9	DP12	Thapsigargin 48h	Uncharacterized protein |MACF1
G3H1S2	19	19	72.67613637	1.56E-06	12.7	DP12	Thapsigargin 48h	UDP-glucose:glycoprotein glucosyltransferase 1 |UGGT1
G3H0E4	17	17	61.76244497	5.89E-05	6.5	DP12	Thapsigargin 72h	Chondroitin sulfate proteoglycan 4 |CSPG4

G3H0U6	17	17	76.39062142	6.23E-05	2.8	DP12	Thapsigargin 24h	Protein disulfide-isomerase A3 |PDIA3
G3HJS0	17	17	57.7574569	9.16E-05	3.0	DP12	Thapsigargin 48h	Spectrin beta chain, brain 1 |SPTBN1
G3I064	15	15	53.8642118	4.92E-06	6.3	DP12	Thapsigargin 24h	Neutral alpha-glucosidase AB |GANAB
G3I5N5	14	14	37.3838712	4.65E-05	2.9	DP12	Thapsigargin 72h	DNA topoisomerase 2 |TOP2A
G3GVX1	13	13	41.58369017	0.001383733	2.6	DP12	Thapsigargin 72h	Ribosome-binding protein 1 |RRBP1
G3H902	12	12	36.75287354	1.36E-06	3.9	DP12	Thapsigargin 72h	Prostaglandin F2 receptor negative regulator |PTGFRN
G3GZ90	12	12	51.76291537	1.76E-05	8.8	DP12	Thapsigargin 24h	Calumenin |CALU
G3I220	12	12	55.79480326	4.53E-05	3.8	DP12	Thapsigargin 48h	Cytoskeleton-associated protein 4 |CKAP4
G3HMY0	11	11	63.1188314	2.45E-08	15.9	DP12	Thapsigargin 72h	3-hydroxy-3-methylglutaryl coenzyme A synthase |HMGCS1
G3HG25	11	11	36.99688566	1.52E-07	7.6	DP12	Thapsigargin 24h	Laminin subunit gamma-1 |LAMC1
G3HLV1	11	11	35.16777015	4.96E-06	4.7	DP12	Thapsigargin 24h	Peptidylprolyl isomerase |FKBP10
G3HMQ0	11	11	49.05826688	0.000281355	3.4	DP12	Thapsigargin 24h	Peptidylprolyl isomerase |FKBP9
G3H697	10	10	44.81362581	1.64E-06	7.3	DP12	Thapsigargin 24h	Glucosidase 2 subunit beta |PRKCSH
G3GWB3	8	8	22.91112065	4.25E-09	4.7	DP12	Thapsigargin 24h	Alpha-2-macroglobulin receptor-associated protein |LRPAP1
G3IF52	8	8	28.11937296	9.56E-06	5.5	DP12	Thapsigargin 24h	Nucleobindin-2 |NUCB2
G3HLX0	8	8	34.43081141	0.000117721	3.0	DP12	Thapsigargin 72h	Polymerase I and transcript release factor |CAVIN1

G3I0Q0	8	8	23.65321553	0.000118325	2.3	DP12	Thapsigargin 72h	Non-muscle caldesmon |CALD1
G3GXA9	8	8	26.82592237	0.000173739	2.9	DP12	Thapsigargin 24h	Protein disulfide-isomerase |P4HB
G3IDD4	7	7	34.47459114	4.15E-06	1.9	DP12	Thapsigargin 24h	SERPINH1 |SERPINH1
G3H412	7	7	24.23173594	1.76E-05	4.8	DP12	Thapsigargin 72h	Proliferating cell nuclear antigen |PCNA
G3HHR9	7	7	21.73134518	6.25E-05	5.6	DP12	Thapsigargin 72h	Integrin alpha-V |ITGAV
G3IFY1	7	7	29.96967745	0.000361045	6.2	DP12	Thapsigargin 72h	TYMS |TYMS
G3II69	7	7	21.73538125	0.000400164	3.6	DP12	Thapsigargin 72h	DNA damage-binding protein 1 |DDB1
G3HD97	6	6	17.93309963	6.35E-08	8.7	DP12	Thapsigargin 24h	Thioredoxin domain-containing protein 5 |TXNDC5
G3HVL1	6	6	17.16871548	1.60E-06	3.3	DP12	Thapsigargin 72h	Cell division control protein 2-like |CDK1
G3HJS1	6	6	19.36043096	2.70E-06	3.6	DP12	Thapsigargin 72h	Spectrin beta chain, brain 1 |SPTBN1
G3HCT1	6	6	20.41464674	0.000330245	3.1	DP12	Thapsigargin 72h	Importin subunit alpha |KPNA2
G3GR90	6	6	16.71069419	0.000548317	4.2	DP12	Thapsigargin 72h	Isopentenyl-diphosphate Delta-isomerase 1 |IDI1
G3HBI1	6	6	18.41611671	0.000684658	7.9	DP12	Thapsigargin 24h	Peroxidasin-like |PXDN
G3IFZ0	6	6	21.09020019	0.00072059	3.4	DP12	Thapsigargin 72h	Antigen KI-67 |MKI67
G3I4A0	6	6	17.74471164	0.000819193	1.9	DP12	Thapsigargin 72h	Actin, gamma-enteric smooth muscle (Fragment) |ACTA2
G3H177	5	5	14.68315578	2.07E-06	2.8	DP12	Thapsigargin 48h	LMAN2 |LMAN2

G3IA10	5	5	18.00563836	2.35E-06	2.3	DP12	Thapsigargin 72h	Heterogeneous nuclear ribonucleoprotein U-like protein 1 |AXL
G3HB04	5	5	20.55349588	1.23E-05	2.4	DP12	Thapsigargin 24h	Protein disulfide-isomerase A6 |PDIA6
G3HCX8	5	5	17.24659348	1.88E-05	1.9	DP12	Thapsigargin 24h	CALR |CALR
G3H4V0	5	5	21.14911628	2.13E-05	2.7	DP12	Thapsigargin 72h	Vigilin |HDLBP
G3HH34	5	5	17.38853407	0.000110026	6.7	DP12	Thapsigargin 48h	Collagen alpha-1(XII) chain (Fragment) |COL12A1
G3I2J5	5	5	18.07592583	0.000180859	175.4	DP12	Thapsigargin 72h	Protein unc-84-like B |SUN2
G3HNK4	5	5	16.66201663	0.00026728	5.6	DP12	Thapsigargin 72h	Dihydropyrimidinase-related protein 2 |DPYSL2
G3I5S7	5	5	14.0138905	0.0017 22477	3.8	DP12	Thapsigargin 72h	Coatomer subunit delta |ARCN1
G3H284	5	4	16.23701596	7.72E-08	2.9	DP12	Thapsigargin 24h	Endoplasmic reticulum resident protein 29 |ERP29
G3HU51	4	4	14.39183545	1.55E-07	2.3	DP12	Thapsigargin 72h	Isocitrate dehydrogenase [NADP] |IDH1
G3IEX0	4	4	11.96387053	8.83E-07	12.8	DP12	Thapsigargin 24h	Prolyl 3-hydroxylase 1 |P3H1
G3I2K8	4	4	15.04394317	8.21E-06	10.3	DP12	Thapsigargin 72h	RRM2 |RRM2
G3GTX5	4	4	14.35899305	1.67E-05	11.9	DP12	Thapsigargin 24h	Amyloid-like protein 2 |APLP2
G3HX69	4	4	11.89958405	2.06E-05	6.3	DP12	Thapsigargin 72h	LIM domain and actin-binding protein 1 |LIMA1
G3H1D5	4	4	13.42196703	6.46E-05	2.9	DP12	Thapsigargin 48h	Carboxypeptidase |SCPEP1
G3HAN3	4	4	8.689887285	6.75E-05	3.1	DP12	Thapsigargin 72h	RNA-binding protein Raly |RALY

G3HWJ2	4	4	12.05735993	7.50E-05	3.2	DP12	Thapsigargin 72h	Plectin-1 |PLEC
G3ILN5	4	4	18.48712754	7.60E-05	2.9	DP12	Thapsigargin 24h	Reticulocalbin-3 |RCN3
G3HC39	4	4	10.92782485	8.87E-05	2.8	DP12	Thapsigargin 72h	Farnesyl pyrophosphate synthetase |FDPS
G3H6K2	4	4	11.49510896	0.00013343	4.5	DP12	Thapsigargin 72h	Rho guanine nucleotide exchange factor 6 |ARHGEF6
G3IG05	4	4	16.46706557	0.00014137 4	1.9	DP12	Thapsigargin 72h	Annexin |ANXA2
G3H576	4	4	20.53934097	0.00016852 8	2.6	DP12	Thapsigargin 48h	Annexin |ANXA6
G3IIE7	4	4	12.30764222	0.00017652 8	55.0	DP12	Thapsigargin 24h	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 1 |PLOD1
G3H9Z5	4	4	12.22962618	0.00020119	11.6	DP12	Thapsigargin 72h	Epidermal growth factor receptor kinase substrate 8 |EPS8
G3I9X6	4	4	13.66895843	0.00024309 1	4.2	DP12	Thapsigargin 72h	Spectrin alpha chain, brain |SPTAN1
G3IKC3	4	4	11.03237 51	0.00024691 1	2.4	DP12	Thapsigargin 48h	Glutathione S-transferase Mu 6 |GSTM3
G3HLM6	4	4	17.09598136	0.00045278	3.2	DP12	Thapsigargin 72h	Protein HEXIM1 |HEXIM1
G3H2I6	4	4	11.30632401	0.00060114 8	7.1	DP12	Thapsigargin 72h	Neural cell adhesion molecule 1 |NCAM1
G3GWX6	4	4	19.08753562	0.00062508 8	2.0	DP12	Thapsigargin 72h	Leukocyte elastase inhibitor A |SERPINB1A
G3H5W5	4	4	13.05008674	0.00081766 2	1.8	DP12	Thapsigargin 72h	LIM and SH3 domain protein 1 |LASP1
G3H6X6	4	4	13.53675818	0.00147181 7	2.8	DP12	Thapsigargin 48h	Utrophin |UTRN
G3I4Z7	4	4	11.87949538	0.00164145 9	2.4	DP12	Thapsigargin 72h	Galectin |LGALS1

G3IGW0	4	4	17.56033552	0.001653884	12.3	DP12	Thapsigargin 72h	CTLA2B |CTLA2B
G3H8Y5	4	4	13.2606473	0.0031 12798	Infinity	DP12	Thapsigargin 72h	Collagen alpha-1(VI) chain |
G3HGW6	3	3	10.20484257	1.01E-07	192.4	DP12	Thapsigargin 24h	Laminin subunit alpha-5 |LAMA5
G3I3B7	3	3	11.42712975	7.37E-07	4.6	DP12	Thapsigargin 72h	Ribonucleoside-diphosphate reductase |RRM1
G3HGQ1	3	3	7.665946007	2.19E-06	70.1	DP12	Thapsigargin 72h	Cation-independent mannose-6-phosphate receptor |IGF2R
G3I7X1	3	3	6.966400981	5.92E-06	2.7	DP12	Thapsigargin 24h	Flotillin-2 |FLOT2
G3H9T1	3	3	9.419640779	1.29E-05	2.5	DP12	Thapsigargin 72h	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit |DDOST
G3I1P5	3	3	15.23370242	2.91E-05	2.2	DP12	Thapsigargin 72h	SH3 domain-binding glutamic acid-rich-like protein |SH3BGRL
G3H9Z4	3	3	12.10154843	3.48E-05	2.1	DP12	Thapsigargin 72h	Serine-threonine kinase receptor-associated protein |STRAP
G3HR63	3	3	14.04098654	3.78E-05	96.3	DP12	Thapsigargin 24h	Protein canopy-like 3 |CNPY3
G3H4E0	3	3	10.73003101	5.11E-05	3.0	DP12	Thapsigargin 72h	Bone marrow stromal antigen 2 |BST2
G3H8Y0	3	3	11.36706686	6.19E-05	2.4	DP12	Thapsigargin 48h	Terpene cyclase/mutase family member |LSS
G3HPZ5	3	3	10.80404639	0.0001 14259	1.7	DP12	Thapsigargin 72h	Macrophage-capping protein |CAPG
G3HRJ7	3	3	8.76660943	0.0001 25472	3.2	DP12	Thapsigargin 72h	Catenin delta-1 |CTNND1
G3ICH9	3	3	14.41729712	0.0001 59633	3.2	DP12	Thapsigargin 72h	Ataxin-10 |ATXN10
G3HPZ2	4	3	16.25091159	0.0002 08607	3.1	DP12	Thapsigargin 72h	S-adenosylmethionine synthase |MAT2A

G3GUH8	3	3	9.007258892	0.000241455	2.3	DP12	Thapsigargin 48h	Serine/threonine-protein kinase WNK2 |FAM120A
G3H7B3	3	3	20.9496944	0.000253554	2.8	DP12	Thapsigargin 72h	Galectin |LGALS3
G3GWQ1	3	3	9.312715054	0.000286634	1.9	DP12	Thapsigargin 72h	Vinculin |VCL
G3H4I2	3	3	6.743476629	0.000330638	2.2	DP12	Thapsigargin 72h	Tropomyosin alpha-1 chain-like protein |TPM4
G3I132	3	3	9.569231987	0.000598388	2.3	DP12	Thapsigargin 72h	Acetoacetyl-CoA synthetase |AACS
G3ILF3	3	3	11.28550768	0.000616992	4.0	DP12	Thapsigargin 72h	Glutathione S-transferase |GSTM7
G3H3G9	3	3	7.399044752	0.000622969	1.8	DP12	Thapsigargin 72h	Septin-9 |SEPTIN9
G3H9F5	3	3	10.30075669	0.000661415	2.5	DP12	Thapsigargin 72h	Elongator complex protein 1 |ELP1
G3HGP4	3	3	8.243161201	0.000713859	2.2	DP12	Thapsigargin 72h	ACAT2 |ACAT2
G3I2D8	3	3	10.92581248	0.001080592	3.0	DP12	Thapsigargin 72h	Band 4.1-like protein 2 |EPB41L2
G3HYG7	3	3	11.47284389	0.00111862	2.6	DP12	Thapsigargin 24h	DnaJ-like subfamily B member 11 |DNAJB11
G3HPL6	3	3	9.674170017	0.001156379	3.1	DP12	Thapsigargin 72h	BAT2 domain-containing protein 1 |PRRC2C
G3ICD3	3	3	9.892053366	0.00117604	5.6	DP12	Thapsigargin 24h	Lactadherin |MFGE8
G3I6T1	3	3	7.600382805	0.001242347	2.3	DP12	Thapsigargin 72h	Phospholipase B-like |PLBD2
G3H3P5	3	3	9.517074585	0.001307046	2.1	DP12	Thapsigargin 72h	Kinesin-like protein |KIF5B
G3GVY7	3	3	10.29071736	0.001814518	2.1	DP12	Thapsigargin 72h	Nardilysin |NRDC

G3HA18	3	3	9.391915321	0.002622504	4.1	DP12	Thapsigargin 72h	Huntingtin-interacting protein 1 |HIP1
Q9EPP7	3	3	8.396273494	0.003371065	2.1	DP12	Thapsigargin 24h	CTSZ |CTSZ
G3IDC2	2	2	6.289846659	2.59E-07	11.1	DP12	Thapsigargin 48h	Heat shock cognate 71 kDa protein |HSPA8
G3I4A7	2	2	5.937633038	5.86E-07	5.4	DP12	Thapsigargin 72h	Bifunctional methylenetetrahydrofolate dehydrogenase/cyclohydrolase, mitochondrial |
G3HJZ2	2	2	5.561319351	2.25E-06	21.2	DP12	Thapsigargin 72h	MURC |CAVIN4
G3I0R8	2	2	6.073864937	4.92E-06	8.7	DP12	Thapsigargin 72h	Actin-binding protein anillin |ANLN
G3HCH0	2	2	4.474592209	8.22E-06	12.1	DP12	Thapsigargin 24h	MYDGF |
G3HP76	2	2	6.423613071	9.96E-06	12.8	DP12	Thapsigargin 72h	3-hydroxy-3-methylglutaryl coenzyme A synthase |HMGCS2
G3IJJ7	2	2	7.535785913	1.43E-05	18.0	DP12	Thapsigargin 72h	Phosphomannomutase |
G3GTF3	2	2	9.488454819	2.31E-05	2.8	DP12	Thapsigargin 72h	5'(3')-deoxyribonucleotidase, cytosolic type (Fragment) |JPT1
G3H8H7	2	2	4.26495862	2.66E-05	4.4	DP12	Thapsigargin 24h	DnaJ homolog subfamily C member 10 |DNAJC10
G3HRG8	2	2	6.587631941	3.31E-05	131.8	DP12	Thapsigargin 48h	Endoplasmic reticulum resident protein ERp44 (Fragment) |ERP44
G3HB11	2	2	7.316158533	3.35E-05	3.1	DP12	Thapsigargin 72h	Rho-associated protein kinase 2 |ROCK1
G3HCI0	2	2	8.57764411	4.04E-05	2.9	DP12	Thapsigargin 24h	Perilipin |PLIN3
G3HXK8	2	2	4.717112303	5.68E-05	17.7	DP12	Thapsigargin 24h	Prenylcysteine oxidase |PCYOX1
G3HQP7	2	2	8.738643408	6.09E-05	10.9	DP12	Thapsigargin 24h	Flotillin-1 |FLOT1

G3IFX1	2	2	11.44966435	8.35E-05	1.9	DP12	Thapsigargin 48h	Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial |SDHA
G3HMG4	2	2	6.201266527	9.56E-05	6.3	DP12	Thapsigargin 24h	Amyloid beta A4 protein |APP
G3H0D2	2	2	5.23456955	0.000113867	4.2	DP12	Thapsigargin 72h	Reticulocalbin-2 |
G3HUU7	2	2	5.003086805	0.000156716	2.7	DP12	Thapsigargin 48h	S100-A1010 |S100-A10
G3H125	2	2	7.448926449	0.000180453	3.6	DP12	Thapsigargin 24h	Neutral amino acid transporter A |SLC1A4
G3GU12	2	2	5.497038603	0.00025245	160.5	DP12	Thapsigargin 48h	A-kinase anchor protein 12 |AKAP12
G3IDU7	2	2	5.725081563	0.000261455	5.0	DP12	Thapsigargin 24h	Beta-glucuronidase |GUSB
G3HC70	2	2	9.829598427	0.000263415	32.3	DP12	Thapsigargin 72h	Pre-B-cell leukemia transcription factor-interacting protein 1 |PBXIP1
G3GUN0	2	2	7.76941371	0.000289083	3.8	DP12	Thapsigargin 48h	Chromodomain-helicase-DNA-binding protein 4 |CHD4
G3I9B1	2	2	7.485696316	0.000306803	Infinity	DP12	Thapsigargin 24h	MCFD2 |
G3I0F7	2	2	4.232169271	0.000362764	6.2	DP12	Thapsigargin 24h	Alpha-galactosidase |NAGA
G3H2L0	2	2	4.715996027	0.000365901	2.9	DP12	Thapsigargin 72h	MAGUK p55 subfamily member 6 |MPP6
G3I3A8	2	2	7.145394802	0.000446207	2.8	DP12	Thapsigargin 24h	Nuclear mitotic apparatus protein 1 |NUMA1
G3I388	2	2	8.155253649	0.000471647	3.2	DP12	Thapsigargin 48h	28 kDa heat-and acid-stable phosphoprotein |PDAP1
G3IBV7	2	2	7.798575401	0.000508635	3.8	DP12	Thapsigargin 48h	Cytochrome b5 |CYB5A
G3HRA9	2	2	8.026431561	0.000513026	3.4	DP12	Thapsigargin 72h	Serine/threonine-protein kinase MST4 |STK24

G3H3I9	2	2	9.703316212	0.0005 1303	1.7	DP12	Thapsigargin 72h	Cysteine and glycine-rich protein 1 |CSRP1
G3ILW0	2	2	7.511126995	0.0006 59896	4.9	DP12	Thapsigargin 24h	Serine/threonine-protein kinase PAK 1 |
G3GTE4	2	2	4.433978 2	0.0006 61348	2.5	DP12	Thapsigargin 72h	GRB2 |GRB2
G3IH36	2	2	9.537468672	0.0006 84165	1.8	DP12	Thapsigargin 72h	Small ubiquitin-related modifier |SUMO2
G3HPT8	2	2	7.888814926	0.0007 26421	4.0	DP12	Thapsigargin 48h	Suprabasin |SBSN
G3GXG4	2	2	6.295386553	0.0009 03797	Infinity	DP12	Thapsigargin 48h	Lanosterol 14-alpha demethylase |CYP51A1
G3HYC4	2	2	7.344542 98	0.0011 26038	21.2	DP12	Thapsigargin 72h	Serine palmitoyltransferase 1 |SPTLC1
G3H7Z2	2	2	7.229537725	0.0012 32335	1.9	DP12	Thapsigargin 72h	Transgelin |TAGLN2
G3HQ69	2	2	9.711749554	0.0015 09228	2.2	DP12	Thapsigargin 72h	Src substrate cortactin |CTTN
G3HVP2	2	2	5.757820845	0.0015 18504	2.3	DP12	Thapsigargin 72h	Stathmin (Fragment) |STMN2
G3I834	2	2	4.785675049	0.0015 60362	1.6	DP12	Thapsigargin 48h	Cytochrome c oxidase subunit 5A, mitochondrial |COX5A
G3GVD0	2	2	10.70719576	0.0018 06056	1.9	DP12	Thapsigargin 72h	Actin, cytoplasmic 1 |ACTB
G3GRM7	2	2	6.366822243	0.0021 44587	2.7	DP12	Thapsigargin 72h	Myosin-Ie |MYO1E
G3HXR8	2	2	6.743618011	0.0028 20311	2.6	DP12	Thapsigargin 72h	Phosphatidylinositol-binding clathrin assembly protein |PICALM
G3H2E2	2	2	7.616460085	0.0030 09838	2.0	DP12	Thapsigargin 72h	HNRNPAB |HNRNPAB
G3HX53	2	2	9.323202 61	0.0033 37575	5.4	DP12	Thapsigargin 72h	Scavenger receptor class B member 1 |SCARB1

G3HHA9	2	2	5.107460499	0.003893148	1.6	DP12	Thapsigargin 48h	Annexin |ANXA11
G3HER1	2	2	9.009197235	0.003950399	2.2	DP12	Thapsigargin 24h	Tricarboxylate transport protein, mitochondrial |SLC25A1
G3GSK4	2	2	8.632870674	0.004622629	2.7	DP12	Thapsigargin 72h	Non-specific serine/threonine protein kinase |
G3HDD4	2	2	5.885409117	0.004665283	2.5	DP12	Thapsigargin 72h	NEDD8 |NEDD8
G3H6D9	2	2	4.739014745	0.004764715	3.5	DP12	Thapsigargin 72h	DNA (cytosine-5)-methyltransferase |DNMT1
G3I2F0	2	2	6.509801149	0.004822424	2.1	DP12	Thapsigargin 72h	KLC2 |KLC4
G3I4E8	2	2	7.331658602	0.005349564	2.0	DP12	Thapsigargin 72h	Fatty acid-binding protein, adipocyte |FABP4
G3I1P6	2	2	7.41180253	0.005365501	2.3	DP12	Thapsigargin 72h	Nucleosome-binding protein 1 |HMGN5
G3H170	2	2	9.330657005	0.006792004	1.9	DP12	Thapsigargin 72h	Drebrin |DBN1
G3HFM4	2	2	8.188750982	0.031649094	4.6	DP12	Thapsigargin 72h	Filamin-B |FLNB
G3I973	30	30	151.1125374	2.53E-05	4.6	Thapsigargin 72h	Thapsigargin 24h	Hypoxia up-regulated protein 1 |HYOU1
G3HQM6	22	22	97.22453022	4.17E-05	2.4	Thapsigargin 72h	Thapsigargin 24h	Endoplasmin |HSP90AB1
G3I278	20	20	75.96386933	0.000363903	2.7	Thapsigargin 72h	Thapsigargin 24h	Laminin subunit beta-1 |LAMB1
G3IHN6	16	16	65.41674054	7.96E-07	6.4	Thapsigargin 72h	DP12	4F2 cell-surface antigen heavy chain |SLC3A2
G3IDT6	15	15	48.50871348	9.74E-06	2.1	Thapsigargin 72h	Thapsigargin 24h	Protein disulfide-isomerase A4 |PDIA4
G3HEZ0	13	13	58.1906178	0.000280578	2.3	Thapsigargin 72h	DP12	Stress-70 protein, mitochondrial |HSPA9

G3H935	12	12	37.28419042	0.00020816	2.5	Thapsigargin 72h	DP12	Tyrosine--tRNA ligase |YARS
G3IG23	11	11	41.60815489	5.54E-07	2.9	Thapsigargin 72h	DP12	Alanyl-tRNA synthetase, cytoplasmic |AARS
G3H352	11	11	33.9190402	0.00120739	1.9	Thapsigargin 72h	Thapsigargin 24h	Cytoplasmic dynein 1 heavy chain 1 (Fragment) |DYNC1H1
G3HCJ1	10	10	41.26098478	9.41E-06	3.5	Thapsigargin 72h	DP12	Lon protease homolog, mitochondrial |LONP1
G3HHR3	10	10	38.77998149	0.00257203	2.1	Thapsigargin 24h	Thapsigargin 72h	Vimentin |VIM
G3GYY2	9	9	30.81397462	4.78E-07	2.7	Thapsigargin 24h	Thapsigargin 72h	Caprin-1 |CAPRIN1
G3HJ24	9	9	36.18552101	9.04E-06	3.7	Thapsigargin 72h	Thapsigargin 24h	Prolyl 4-hydroxylase subunit alpha-1 |P4HA1
G3HIQ0	8	8	23.73901844	8.36E-05	2.8	Thapsigargin 48h	DP12	Threonyl-tRNA synthetase, cytoplasmic |TARS
G3HNJ3	7	7	23.30344129	0.00137675	3.7	Thapsigargin 72h	DP12	Clusterin |CLU
G3IFB0	7	7	21.70249605	0.00165457	2.0	Thapsigargin 24h	DP12	Serine/arginine repetitive matrix protein 2 |SRRM2
G3HD85	6	6	18.63660765	8.40E-07	22.8	Thapsigargin 72h	DP12	Tax1-binding protein 1-like |
G3IAI6	6	6	29.46567702	0.00014658	12.0	Thapsigargin 24h	Thapsigargin 72h	Heme oxygenase |HMOX1
G3HCL8	6	6	19.25099063	0.00016512	2.6	Thapsigargin 72h	DP12	Cdc42-interacting protein 4 |TRIP10
G3GYP7	6	6	14.64908528	0.00115336	2.1	Thapsigargin 72h	DP12	AKR1A1 |AKR1A1
G3HFP5	6	6	18.5740093	0.00127344	2.7	Thapsigargin 72h	DP12	RNA helicase |DDX10
G3HTZ9	5	5	16.27785587	3.92E-06	110.6	Thapsigargin 48h	DP12	Cyclic AMP-dependent transcription factor ATF-6 alpha |ATF6

G3H3L4	5	5	14.27832866	4.96E-06	5.1	Thapsigargin 72h	DP12	NADH-cytochrome b5 reductase |CYB5R1
G3GYP9	5	5	12.67152584	8.28E-05	2.1	Thapsigargin 72h	DP12	Peroxiredoxin-1 |PRDX1
G3HB62	5	5	14.32847333	0.000260103	2.2	Thapsigargin 48h	DP12	ATP-binding cassette sub-family F member 2 |ABCF2
G3HL13	5	5	20.14881015	0.000275505	1.9	Thapsigargin 72h	DP12	60 kDa heat shock protein, mitochondrial |HSPD1
G3GXT2	5	5	15.14884925	0.000420617	2.2	Thapsigargin 48h	DP12	CAD protein |CAD
G3GU10	5	5	14.05249858	0.000477857	1.8	Thapsigargin 72h	DP12	Monofunctional C1-tetrahydrofolate synthase, mitochondrial |MTHFD1L
G3H354	5	5	15.34818411	0.000573794	2.1	Thapsigargin 24h	Thapsigargin 72h	Heat shock protein HSP 90-alpha |HSP90AA1
G3INC5	5	5	16.75068712	0.001287999	4.4	Thapsigargin 72h	DP12	Cathepsin L1 |CTSL
G3H092	5	5	24.11665249	0.00160824	1851.3	Thapsigargin 72h	DP12	Coiled-coil domain-containing protein 80 |CCDC80
G3HGP6	5	5	20.20901036	0.001701264	1.5	Thapsigargin 72h	DP12	T-complex protein 1 subunit alpha |TCP1
G3GX55	5	5	15.51150942	0.002912391	3.9	Thapsigargin 24h	Thapsigargin 72h	Brain-specific angiogenesis inhibitor 1-associated protein 2 |BAIAP2
G3I0X4	4	4	16.15107393	6.12E-06	3.2	Thapsigargin 72h	DP12	Epoxide hydrolase 1 |EPHX1
G3H9S0	4	4	14.63328552	2.58E-05	15.7	Thapsigargin 72h	DP12	Protein Niban |FAM129A
G3I0X5	4	4	12.31744218	4.89E-05	3.4	Thapsigargin 72h	DP12	Epoxide hydrolase 1 |EPHX1
G3H9Q4	4	4	9.274856448	7.01E-05	2.8	Thapsigargin 72h	DP12	Vesicle transport protein SEC20 | BNIP1
G3HHE4	4	4	15.71030045	7.98E-05	2.6	Thapsigargin 72h	DP12	Leucyl-tRNA synthetase, cytoplasmic |LARS

G3H4Z5	4	4	13.86102211	0.000124947	1.8	Thapsigargin 72h	DP12	C-1-tetrahydrofolate synthase, cytoplasmic |MTHFD1
G3H949	4	4	16.18682504	0.000194638	2.9	Thapsigargin 24h	Thapsigargin 72h	Alpha-taxilin |TXLNA
G3I1H5	4	4	12.4722023	0.0002072	5.6	Thapsigargin 72h	Thapsigargin 24h	LGMN |LGMN
G3I2M1	4	4	16.31588149	0.000691191	1.5	Thapsigargin 72h	DP12	T-complex protein 1 subunit zeta |CCT6A
G3I9F0	4	4	11.41709805	0.000907304	2.1	Thapsigargin 72h	DP12	General vesicular transport factor p115 |USO1
G3GV42	4	4	16.58888388	0.000958116	4.2	Thapsigargin 72h	DP12	Asparaginyl-tRNA synthetase, cytoplasmic |NARS
G3HHE3	4	4	10.6868701	0.001005187	2.6	Thapsigargin 72h	DP12	Leucyl-tRNA synthetase, cytoplasmic |LARS
G3H229	4	4	11.46904397	0.001097304	2.0	Thapsigargin 24h	DP12	GMP synthase [glutamine-hydrolyzing] |GMPS
G3H451	4	4	16.42935705	0.001198633	2.0	Thapsigargin 48h	DP12	Nucleolar protein 56 |NOP56
G3H0L9	4	4	15.8239584	0.001913907	3.0	Thapsigargin 72h	Thapsigargin 24h	Cathepsin B |CTSB
G3HBI9	4	4	13.48772633	0.002973975	3.4	Thapsigargin 48h	DP12	Leukotriene A-4 hydrolase |LTA4H
G3I801	3	3	11.62314439	2.39E-06	2.7	Thapsigargin 72h	DP12	Switch-associated protein 70 |SWAP70
G3I2F6	3	3	9.102759361	3.94E-06	5.9	Thapsigargin 24h	DP12	Putative RNA-binding protein EIF1AD |
G3HNG2	3	3	9.797946453	5.48E-06	3.3	Thapsigargin 72h	DP12	Acyl-coenzyme A thioesterase 2, mitochondrial |ACOT1
G3GTM1	3	3	9.00755477	1.41E-05	50.3	Thapsigargin 72h	DP12	TMEM59 |
G3H7K5	3	3	9.266841888	3.89E-05	1.9	Thapsigargin 72h	DP12	CCT5 |CCT5

G3H6U1	3	3	11.81501555	8.59E-05	1.9	Thapsigargin 24h	DP12	Nucleolar RNA helicase 2 |DDX21
G3HXU0	3	3	9.372384548	0.000117052	1.8	Thapsigargin 72h	DP12	Tubulin--tyrosine ligase-like protein 12 |TTLL12
G3IE21	3	3	8.759292364	0.000158742	1.9	Thapsigargin 72h	Thapsigargin 24h	Aldose reductase-related protein 2 |AKR1B8
G3H375	3	3	10.13317251	0.000227038	2.0	Thapsigargin 24h	DP12	Eukaryotic translation initiation factor 5 |EIF5
G3HCU9	3	3	11.64858174	0.000238049	2.4	Thapsigargin 24h	DP12	pre-rRNA processing protein FTSJ3 |FTSJ3
G3HX54	3	3	7.160632372	0.000257423	3.9	Thapsigargin 72h	DP12	ESF1-like |ESF1
G3H584	3	3	7.976861	0.000259071	5.5	Thapsigargin 72h	DP12	SPARC |
G3HB02	3	3	9.163220167	0.000367893	2.6	Thapsigargin 72h	DP12	Nucleolar protein 10 |NOL10
G3HM30	3	3	8.91322732	0.000401784	2.2	Thapsigargin 48h	DP12	Zinc finger protein 622 |
G3GT05	3	3	10.63663006	0.000649032	1.7	Thapsigargin 72h	DP12	T-complex protein 1 subunit theta |CCT8
G3GWV6	3	3	12.79359508	0.00066696	6.9	Thapsigargin 72h	DP12	Prostaglandin G/H synthase 2 |
G3H533	3	3	10.11928892	0.000688733	1.6	Thapsigargin 72h	Thapsigargin 24h	Peptidyl-prolyl cis-trans isomerase |PPIB
G3H110	3	3	10.95462346	0.000705302	2.1	Thapsigargin 72h	Thapsigargin 24h	Calcium-binding protein p22 |CHP
G3IF80	3	3	9.308577061	0.000816792	1.9	Thapsigargin 48h	DP12	Nucleolin |NCL
G3HSM4	3	3	9.108203888	0.000849928	2.1	Thapsigargin 24h	Thapsigargin 72h	Small glutamine-rich tetratricopeptide repeat-containing protein alpha |SGTA
G3HXV5	3	3	8.821655989	0.000942918	2.0	Thapsigargin 24h	DP12	Nucleolar phosphoprotein p130 |NOLC1

G3GXU1	3	3	9.787257195	0.000978053	2.1	Thapsigargin 24h	Thapsigargin 48h	Protein phosphatase 1G |PPM1G
G3HQK4	3	3	8.507704258	0.001109262	53.6	Thapsigargin 72h	DP12	Discoidin domain-containing receptor 2 |DDR2
G3I3Y7	3	3	10.27650511	0.001126289	3.1	Thapsigargin 72h	Thapsigargin 24h	Glutathione S-transferase P 2 |GSTP2
G3H6S8	3	3	7.453377485	0.001748446	1.6	Thapsigargin 48h	DP12	Inorganic pyrophosphatase |PPA1
G3HGY8	3	3	9.224896669	0.00220378	2.0	Thapsigargin 48h	DP12	Elongation factor 1-alpha |EEF1A1
G3GY75	3	3	11.41828299	0.005532091	2.0	Thapsigargin 48h	DP12	Eukaryotic initiation factor 4A-I |EIF4A1
G3H8W5	3	3	10.46037483	0.00774067	1.5	Thapsigargin 24h	DP12	6-phosphofructokinase |PFKL
G3I6L2	2	2	6.875690579	8.75E-08	4.9	Thapsigargin 72h	DP12	Elongator complex protein 3 |ELP3
G3I1Y9	2	2	4.562984943	1.12E-06	8.1	Thapsigargin 72h	Thapsigargin 24h	Sulfated glycoprotein 1 |PSAP
G3I7T3	2	2	6.892510176	2.16E-06	3.2	Thapsigargin 24h	DP12	Pre-mRNA 3'-end-processing factor FIP1 |FIP1L1
G3GYX2	2	2	10.61390162	3.88E-06	2.1	Thapsigargin 72h	DP12	Nucleolar protein 58 |NOP58
G3HWX6	2	2	5.287933588	7.93E-06	74.1	Thapsigargin 72h	DP12	Tetratricopeptide repeat protein 17 |TTC17
G3HYL0	2	2	5.468940735	2.28E-05	3.4	Thapsigargin 24h	DP12	Eukaryotic translation initiation factor 4 gamma 2 |EIF4G2
G3H5M8	2	2	5.006231427	2.84E-05	2.0	Thapsigargin 48h	DP12	HEAT repeat-containing protein 3 |HEATR3
G3HFH8	2	2	7.176028013	3.19E-05	3.0	Thapsigargin 48h	DP12	EBNA1BP2 |EBNA1BP2
G3H269	2	2	5.986251116	3.34E-05	1.8	Thapsigargin 48h	DP12	CAP-Gly domain-containing linker protein 1 |CLIP1

G3IMX4	2	2	6.686710358	3.59E-05	1.7	Thapsigargin 72h	DP12	Mitochondrial import inner membrane translocase subunit Tim9 |
G3IFL9	2	2	7.051476717	4.62E-05	2.8	Thapsigargin 72h	Thapsigargin 24h	H-2 class I histocompatibility antigen, K-W28 alpha chain |H2-L
G3I8Z5	2	2	5.907007217	4.66E-05	4.2	Thapsigargin 72h	DP12	Sulfiredoxin |SRXN1
G3HH79	2	2	6.308396101	4.77E-05	3.3	Thapsigargin 24h	DP12	Zinc finger CCCH-type antiviral protein 1 |ZC3HAV1
G3HJM2	2	2	8.951512337	4.99E-05	2.1	Thapsigargin 72h	DP12	Glycyl-tRNA synthetase |GARS
G3HP64	2	2	7.578577518	6.38E-05	31.2	Thapsigargin 72h	DP12	Sequestosome-1 |
G3GS70	2	2	5.668349147	8.05E-05	2.2	Thapsigargin 24h	Thapsigargin 72h	Importin-5 |IPO5
G3H337	2	2	6.273669243	9.47E-05	2.1	Thapsigargin 72h	DP12	tRNA-nucleotidyltransferase 1, mitochondrial |TRNT1
G3HKR3	2	2	4.857383013	0.000105635	2.3	Thapsigargin 72h	Thapsigargin 24h	Tyrosine-protein phosphatase non-receptor type 23 |PTPN23
G3I5H3	2	2	7.794479132	0.000108671	1.7	Thapsigargin 24h	DP12	Elongation factor 1-delta |EEF1D
G3HWD9	2	2	5.40768075	0.000132721	7.8	Thapsigargin 72h	DP12	Galectin |LGALS8
G3I2S4	2	2	7.426082611	0.000155813	1.8	Thapsigargin 72h	DP12	3,2-trans-enoyl-CoA isomerase, mitochondrial |ECI1
G3H5A7	2	2	4.653036475	0.000164742	2.7	Thapsigargin 24h	Thapsigargin 72h	Tight junction protein ZO-1 |TJP1
G3H0T9	2	2	9.522844791	0.000170722	2.2	Thapsigargin 24h	DP12	Huntingtin-interacting protein K |
G3I5Z5	2	2	8.996379852	0.000196821	1.7	Thapsigargin 72h	Thapsigargin 24h	Prostaglandin reductase 1 |PTGR1
G3HMT0	2	2	6.503897905	0.000204651	2.5	Thapsigargin 24h	DP12	Brix domain-containing protein 1 |RPF2

G3I3U5	2	2	5.804551125	0.000219882	6.4	Thapsigargin 72h	Thapsigargin 24h	Nidogen-1 |NID1
G3HAU1	2	2	8.324749231	0.000241654	1.9	Thapsigargin 48h	DP12	Eukaryotic translation initiation factor 3 subunit E |EIF3E
G3H9G4	2	2	4.927714944	0.000249396	1.6	Thapsigargin 72h	DP12	ATP-binding cassette sub-family E member 1 |ABCE1
G3I854	2	2	5.170031309	0.000266266	3.6	Thapsigargin 24h	Thapsigargin 72h	Ubiquitin-associated protein 2 |UBAP2
G3HES6	2	2	7.027246237	0.000327028	2.5	Thapsigargin 48h	DP12	Putative ATP-dependent RNA helicase DDX27 |DDX27
G3H1M4	2	2	6.406390905	0.000350691	1.8	Thapsigargin 72h	DP12	Eukaryotic translation initiation factor 2 subunit 1 |EIF2S1
G3HP24	2	2	5.332803011	0.000386277	1.5	Thapsigargin 72h	DP12	Isoleucyl-tRNA synthetase, cytoplasmic |IARS
G3HB38	2	2	5.351576805	0.000397347	3.8	Thapsigargin 48h	DP12	Putative ATP-dependent RNA helicase DDX47 |DDX47
G3INN8	2	2	11.64561749	0.000423976	2.2	Thapsigargin 24h	Thapsigargin 72h	Microtubule-associated protein 6 |MAP6
G3HLZ2	2	2	7.12229681	0.000456226	2.3	Thapsigargin 24h	Thapsigargin 72h	Proteasome activator complex subunit 3 |
G3H497	2	2	10.5777173	0.000550901	1.5	Thapsigargin 24h	DP12	Inositol-3-phosphate synthase 1 | ISYNA1
G3IJB9	2	2	6.218111992	0.000566075	4.4	Thapsigargin 72h	Thapsigargin 24h	UDP-N-acetylhexosamine pyrophosphorylase-like protein 1 |UAP1L1
G3IJB6	2	2	4.267015696	0.000570393	2.2	Thapsigargin 48h	DP12	Protein RCC2 |RCC2
G3IHN4	2	2	7.576720476	0.000675526	2.3	Thapsigargin 24h	DP12	WD repeat-containing protein 74 |WDR74
G3HC47	2	2	6.031622171	0.000703467	5.7	Thapsigargin 72h	Thapsigargin 24h	Glucosylceramidase |GBA
G3HDG3	2	2	6.248262405	0.000779912	2.5	Thapsigargin 72h	DP12	Neuroguidin |NGDN

G3HYB7	2	2	6.942147255	0.000804033	2.1	Thapsigargin 48h	DP12	T-complex protein 1 subunit eta |CCT7
G3IEF1	2	2	6.233215809	0.000841315	3.9	Thapsigargin 72h	DP12	Ferritin |FTH1
G3H066	2	2	8.343168736	0.00090162	5.3	Thapsigargin 72h	Thapsigargin 24h	V-type proton ATPase catalytic subunit A |ATP6V1A
G3HUN1	2	2	7.14654088	0.000976753	1.9	Thapsigargin 48h	DP12	Ubiquitin carboxyl-terminal hydrolase |UCHL5
G3HAN5	2	2	5.005277157	0.001012748	2.2	Thapsigargin 72h	DP12	Eukaryotic translation initiation factor 2 subunit 2 |EIF2S2
G3I3Z5	2	2	4.52616322	0.001079804	1.7	Thapsigargin 72h	Thapsigargin 24h	Coronin |CORO1B
G3HDZ2	2	2	4.765779972	0.001097484	716.3	Thapsigargin 72h	DP12	Interferon-related developmental regulator 1 |IFRD1
G3HG95	2	2	7.158354282	0.001130188	1.7	Thapsigargin 24h	Thapsigargin 72h	Lamin-A/C |LMNA
G3HJ15	2	2	7.994172335	0.001226536	2.2	Thapsigargin 72h	DP12	E3 SUMO-protein ligase RanBP2 |RANBP2
G3HA14	2	2	8.44401741	0.001319663	4.9	Thapsigargin 24h	DP12	Tyrosine-protein kinase BAZ1B (Fragment) |BAZ1B
G3H5L5	2	2	5.338537216	0.00153445	2.5	Thapsigargin 72h	DP12	Non-specific serine/threonine protein kinase |RPS6KA3
G3HGM6	2	2	5.275351048	0.001608008	4.4	Thapsigargin 72h	DP12	AGA |AGA
G3IDW3	2	2	4.768155813	0.001648372	9.3	Thapsigargin 72h	Thapsigargin 24h	KDEL motif-containing protein 1 |KDELC1
G3HNP4	2	2	7.653281927	0.001677441	2.9	Thapsigargin 24h	DP12	rRNA 2'-O-methyltransferase fibrillarin |FBL
G3H6V7	2	2	9.498416901	0.001844356	2.2	Thapsigargin 72h	DP12	Lipoprotein lipase |LPL
G3HL16	2	2	8.085713863	0.002067295	1.6	Thapsigargin 24h	Thapsigargin 72h	Splicing factor 3B subunit 1 |SF3B1

G3HTL1	2	2	8.299113512	0.002148344	3.6	Thapsigargin 72h	DP12	Spermatogenesis-associated protein 5 |SPATA5
G3IHP6	2	2	5.431903839	0.002152389	2.5	Thapsigargin 48h	DP12	Elongation factor 1-alpha 1 |
G3H1Y2	2	2	7.393284559	0.002363744	1.9	Thapsigargin 24h	Thapsigargin 72h	YTH domain family protein 2 |YTHDF2
G3H6Y6	2	2	6.674518824	0.002429533	1.5	Thapsigargin 24h	DP12	NSFL1 cofactor p47 |NSFL1C
G3I952	2	2	6.600838423	0.002449	1.9	Thapsigargin 24h	Thapsigargin 72h	EF-hand domain-containing protein D2 |EFHD2
G3H6U4	2	2	5.951503038	0.002438671	2.0	Thapsigargin 24h	Thapsigargin 72h	Cell division cycle and apoptosis regulator protein 1 |CCAR1
G3H7F9	2	2	7.728720188	0.002847855	1.6	Thapsigargin 72h	Thapsigargin 24h	Sialic acid synthase |NANS
G3HWE4	2	2	6.416696787	0.002874369	2.8	Thapsigargin 72h	Thapsigargin 24h	Nidogen-1 |
G3HND2	2	2	7.372998238	0.002891952	1.8	Thapsigargin 72h	Thapsigargin 24h	Histone deacetylase 6 |HDAC6
G3H7Y0	2	2	9.950826168	0.003072038	2.4	Thapsigargin 24h	Thapsigargin 72h	Coatomer subunit alpha |COPA
G3I7M2	2	2	8.97435236	0.003144893	1.8	Thapsigargin 72h	DP12	Elongation factor Tu |TUFM
G3HAS1	2	2	5.215449572	0.003191785	253.9	Thapsigargin 72h	DP12	Cystine/glutamate transporter |SLC7A11
G3H834	2	2	5.202858925	0.003506534	3.4	Thapsigargin 24h	DP12	General transcription factor IIF subunit 2 |GTF2F2
G3HWD7	2	2	3.888035297	0.003702716	3.4	Thapsigargin 48h	DP12	Uncharacterized protein |HEATR1
G3I2N4	2	2	6.820673704	0.003752988	1.6	Thapsigargin 24h	Thapsigargin 72h	Lamina-associated polypeptide 2, isoforms alpha/zeta |TMPO
G3H2C4	2	2	9.61354208	0.003882166	5.1	Thapsigargin 24h	Thapsigargin 48h	Heat shock 70 kDa protein 4 (Fragment) |HSPA4

G3H2J8	2	2	8.024452448	0.004102938	2.4	Thapsigargin 24h	Thapsigargin 48h	Heterogeneous nuclear ribonucleoproteins A2/B1 |HNRNPA2B1
G3IEH3	2	2	8.030106306	0.004126508	2.9	Thapsigargin 72h	DP12	Elongation factor Tu GTP-binding domain-containing protein 1 |EFL1
G3H1B3	2	2	6.664475918	0.004269185	1.6	Thapsigargin 24h	Thapsigargin 72h	Lamin-L(I) |LMNB1
G3HYI7	2	2	7.192923307	0.00431037	1.6	Thapsigargin 24h	DP12	U2 snRNP auxiliary factor large subunit |U2AF2
G3HXA2	2	2	4.41886425	0.004962599	1.7	Thapsigargin 24h	Thapsigargin 72h	Basic leucine zipper and W2 domain-containing protein 2 |BZW2
G3HCD5	2	2	6.96552515	0.005626915	2.1	Thapsigargin 48h	DP12	Golgin subfamily A member 3 |GOLGA3
G3IHC7	2	2	5.720347881	0.005725894	2.4	Thapsigargin 24h	Thapsigargin 72h	PRMT1 |PRMT1
G3GUD8	2	2	4.677248955	0.005996818	1.7	Thapsigargin 24h	Thapsigargin 48h	ANP32B |ANP32B
G3GWF4	2	2	7.620214939	0.006256633	1.6	Thapsigargin 24h	DP12	Heat shock protein 105 kDa (Fragment) |HSPH1
G3IGH6	2	2	4.942618489	0.007131681	2.0	Thapsigargin 48h	DP12	Transcription elongation factor spt6 |SUPT6H
G3ILB1	2	2	9.202647924	0.012510652	3.4	Thapsigargin 72h	Thapsigargin 48h	Thioredoxin-related transmembrane protein 1 |TMX1
G3IDJ2	2	2	8.08026886	0.013647959	3.5	Thapsigargin 72h	DP12	Nuclear pore complex protein Nup214 |NUP214
G3HKQ8	2	2	6.540200472	0.026231403	3.8	Thapsigargin 48h	DP12	Putative ATP-dependent RNA helicase DHX30 |DHX30
G3HTW7	2	2	5.625928164	0.02803687	1.6	Thapsigargin 24h	DP12	Signal recognition particle 68 kDa protein |SRP68

Table 3. Differentially expressed proteins in CHO SK15-EPO cell line upon thapsigargin exposure.

Accession	Peptide count	Unique peptides	Confidence score	Anova (p)	Max fold change	Highest mean condition	Lowest mean condition	Description
G3I9X8	36	36	123.1550953	5.75E-06	3.2	SK15-EPO	Thapsigargin 72h	Spectrin alpha chain, brain |SPTAN1
G3HQM6	33	33	155.1084528	2.60E-05	2.9	Thapsigargin 72h	SK15-EPO	Endoplasmin |HSP90AB1
G3HWJ3	31	31	109.422047	0.000221 5	2.1	SK15-EPO	Thapsigargin 72h	Uncharacterized protein |MACF1
G3I973	30	30	138.6024425	4.80E-05	3.0	Thapsigargin 72h	Thapsigargin 24h	Hypoxia up-regulated protein 1 |HYOU1
G3IDT6	29	29	114.3657725	7.63E-06	3.2	Thapsigargin 72h	Thapsigargin 24h	Protein disulfide-isomerase A4 |PDIA4
G3I5N5	27	27	86.26111257	3.22E-07	5.6	SK15-EPO	Thapsigargin 72h	DNA topoisomerase 2 |TOP2A
G3HJS0	26	26	82.41265392	7.95E-05	2.3	SK15-EPO	Thapsigargin 72h	Spectrin beta chain, brain 1 |SPTBN1
G3HEZ0	21	21	91.29891682	0.000925 2	3.4	Thapsigargin 72h	SK15-EPO	Stress-70 protein, mitochondrial |HSPA9
G3I278	21	21	70.63236618	0.000156 9	3.1	Thapsigargin 72h	Thapsigargin 24h	Laminin subunit beta-1 |LAMB1

G3IF62	19	18	82.409356	0.000780 7	3.1	Thapsigargin 72h	SK15-EPO	Ras GTPase-activating-like protein IQGAP1 |IQGAP1
G3H0U6	19	19	79.675331 35	0.000566 6	2.2	SK15-EPO	Thapsigargin 24h	Protein disulfide-isomerase A3 |PDIA3
G3IG23	19	19	82.083912 49	1.80E-05	2.7	Thapsigargin 48h	SK15-EPO	Alanyl-tRNA synthetase, cytoplasmic |AARS
G3H0E4	19	19	68.433654 67	0.000660 3	2.2	SK15-EPO	Thapsigargin 48h	Chondroitin sulfate proteoglycan 4 |CSPG4
G3H352	18	18	70.242101 67	0.001786 8	2.1	Thapsigargin 48h	SK15-EPO	Cytoplasmic dynein 1 heavy chain 1 (Fragment) |DYNC1H1
G3HJ15	18	18	64.325958 13	0.001320 7	1.8	Thapsigargin 72h	SK15-EPO	E3 SUMO-protein ligase RanBP2 |RANBP2
G3H935	17	17	61.382729 41	2.90E-06	2.6	Thapsigargin 48h	SK15-EPO	Tyrosine--tRNA ligase |YARS
G3I064	17	17	56.269447 68	6.42E-05	7.2	SK15-EPO	Thapsigargin 24h	Neutral alpha-glucosidase AB |GANAB
G3HCJ1	17	17	62.112215 16	3.53E-06	6.0	Thapsigargin 72h	SK15-EPO	Lon protease homolog, mitochondrial |LONP1
G3HL13	17	17	64.803589 22	0.000444 2	2.5	Thapsigargin 72h	SK15-EPO	60 kDa heat shock protein, mitochondrial |HSPD1
G3IHN6	16	16	63.144985 32	1.18E-06	4.6	Thapsigargin 72h	SK15-EPO	4F2 cell-surface antigen heavy chain |SLC3A2
G3IFZ0	16	16	52.137659 07	2.34E-05	8.4	SK15-EPO	Thapsigargin 72h	Antigen KI-67 |MKI67

G3G VD0	15	15	62.7546 0041	0.00 1084 1	2.1	SK15-EPO	Thapsigargi n 72h	Actin, cytoplasmic 1 |ACTB
G3G U10	15	15	50.9516 0222	0.02 3015 8	1.5	Thapsigargi n 72h	SK15-EPO	Monofunctional C1-tetrahydrofolate synthase, mitochondrial |MTHFD1L
G3H 4Z5	15	15	47.9102 5341	0.00 2294 4	2.1	Thapsigargi n 48h	SK15-EPO	C-1-tetrahydrofolate synthase, cytoplasmic |MTHFD1
G3H HE3	15	15	51.4584 44	0.00 1527 2	3.8	Thapsigargi n 72h	SK15-EPO	Leucyl-tRNA synthetase, cytoplasmic |LARS
G3HI Q0	15	15	53.7912 724	0.00 0379 2	2.5	Thapsigargi n 72h	SK15-EPO	Threonyl-tRNA synthetase, cytoplasmic |TARS
G3H CT4	14	14	39.6620 8601	4.57 E-05	2.1	SK15-EPO	Thapsigargi n 72h	Putative ATP-dependent RNA helicase DDX5 |DDX5
G3I3 A8	14	14	47.5691 0777	0.00 1429 3	1.8	SK15-EPO	Thapsigargi n 72h	Nuclear mitotic apparatus protein 1 |NUMA1
G3IB 34	14	14	45.1986 5489	0.00 2397 8	1.7	Thapsigargi n 24h	Thapsigargi n 48h	Protein RRP5-like |PDCD11
G3H SA2	13	13	61.8146 8189	0.00 0289 3	1.8	Thapsigargi n 24h	SK15-EPO	Myb-binding protein 1A |MYBBP1A
G3ID D4	13	13	69.2057 4999	9.74 E-05	2.2	SK15-EPO	Thapsigargi n 24h	SERPINH1 |SERPINH1
G3H 3Q1	13	13	63.7631 1612	0.00 0164 2	2.6	Thapsigargi n 72h	SK15-EPO	Pyruvate kinase |PKM

G3GWB3	13	13	48.0545392	3.83E-06	3.9	SK15-EPO	Thapsigargin 24h	Alpha-2-macroglobulin receptor-associated protein |LRPAP1
G3HZ55	13	13	45.9583422	0.000166 8	2.7	SK15-EPO	Thapsigargin 48h	Integrin beta |ITGB1
G3HMQ0	13	13	55.4999 9666	2.13E-07	4.9	SK15-EPO	Thapsigargin 24h	Peptidylprolyl isomerase |FKBP9
G3GYP7	12	11	46.5866 9293	0.000566 7	2.7	Thapsigargin 72h	SK15-EPO	AKR1A1 |AKR1A1
G3I220	12	12	47.8326 1967	8.40E-06	2.8	SK15-EPO	Thapsigargin 48h	Cytoskeleton-associated protein 4 |CKAP4
G3H697	12	12	57.6105 1309	4.17E-08	3.9	SK15-EPO	Thapsigargin 24h	Glucosidase 2 subunit beta |PRKCSH
G3GVX1	12	12	37.7502 4891	5.45E-05	1.8	SK15-EPO	Thapsigargin 24h	Ribosome-binding protein 1 |RRBP1
Q9ERF7	11	11	35.9149 7087	7.33E-05	2.5	SK15-EPO	Thapsigargin 72h	Intercellular adhesion molecule 1 |ICAM1
G3IH63	11	11	47.7772 2013	0.006096	3.0	Thapsigargin 48h	Thapsigargin 24h	Myosin-9 |MYH10
G3HD85	11	11	30.8219 322	3.21E-06	6.7	Thapsigargin 72h	SK15-EPO	Tax1-binding protein 1-like |
G3HG25	11	11	39.2148 4089	9.82E-06	4.5	Thapsigargin 72h	Thapsigargin 24h	Laminin subunit gamma-1 |LAMC1
G3I1H0	11	11	39.3956 2047	0.000109 2	2.3	SK15-EPO	Thapsigargin 72h	DNA helicase |MCM3
G3H6U1	11	11	39.0457 3071	0.000584 6	2.1	Thapsigargin 24h	SK15-EPO	Nucleolar RNA helicase 2 |DDX21

G3GX55	11	11	36.7483 7756	4.98 E-09	4.0	SK15-EPO	Thapsigargin 72h	Brain-specific angiogenesis inhibitor 1-associated protein 2 |BAIAP2
G3H9Z5	11	11	41.0032 3701	0.00 0213	7.3	SK15-EPO	Thapsigargin 48h	Epidermal growth factor receptor kinase substrate 8 |EPS8
G3HMY0	11	11	35.0852 7946	7.93 E-07	18.3	SK15-EPO	Thapsigargin 72h	3-hydroxy-3-methylglutaryl coenzyme A synthase |HMGCS1
G3HIT7	11	11	53.1537 981	0.00 2379	2.0	Thapsigargin 48h	SK15-EPO	Microtubule-associated protein 1B |MAP1B
G3GZ90	11	11	59.9913 2204	2.28 E-06	12.6	SK15-EPO	Thapsigargin 48h	Calumenin |CALU
G3HJM2	11	11	38.5027 827	0.00 0302 5	3.0	Thapsigargin 48h	SK15-EPO	Glycyl-tRNA synthetase |GARS
G3I027	10	9	34.8365 3188	0.00 2020 8	1.6	Thapsigargin 72h	SK15-EPO	Heat shock protein 75 kDa, mitochondrial |TRAP1
G3HHE4	10	10	31.9272 3656	0.00 0128 2	3.1	Thapsigargin 48h	SK15-EPO	Leucyl-tRNA synthetase, cytoplasmic |LARS
G3GWQ1	10	10	26.6077 7164	0.00 0862 5	2.2	SK15-EPO	Thapsigargin 72h	Vinculin |VCL
G3GZA9	10	10	36.4817 5669	1.90 E-09	5.6	SK15-EPO	Thapsigargin 72h	Reticulocalbin-1 (Fragment) |RCN1
G3HP64	10	10	43.4464 6597	1.68 E-07	30.7	Thapsigargin 72h	SK15-EPO	Sequestosome-1 |
G3HHR3	10	10	43.0195 1015	0.00 0347 5	1.7	SK15-EPO	Thapsigargin 48h	Vimentin |VIM
G3GYY6	10	10	33.5053 2353	3.64 E-05	1.7	Thapsigargin 72h	Thapsigargin 24h	Catalase |CAT

G3IKC3	10	10	30.34147692	0.004631 5	4.0	Thapsigargin 72h	Thapsigargin 24h	Glutathione S-transferase Mu 6 |GSTM3
G3H902	10	10	29.05011559	2.72E-06	3.8	SK15-EPO	Thapsigargin 48h	Prostaglandin F2 receptor negative regulator |PTGFRN
G3HJ24	10	10	45.72309978	8.84E-06	2.6	Thapsigargin 72h	Thapsigargin 24h	Prolyl 4-hydroxylase subunit alpha-1 |P4HA1
G3H1S2	10	10	38.84946632	1.14E-05	9.5	SK15-EPO	Thapsigargin 48h	UDP-glucose:glycoprotein glucosyltransferase 1 |UGGT1
G3I2J5	10	10	35.69055867	8.40E-06	65.2	SK15-EPO	Thapsigargin 48h	Protein unc-84-like B |SUN2
G3I0R8	10	10	32.5931983	6.93E-09	43.1	SK15-EPO	Thapsigargin 72h	Actin-binding protein anillin |ANLN
G3HP24	10	10	31.38813114	0.001397 2	1.7	Thapsigargin 72h	SK15-EPO	Isoleucyl-tRNA synthetase, cytoplasmic |IARS
G3I4L6	10	10	29.66169238	0.003259 3	1.9	Thapsigargin 72h	Thapsigargin 24h	Pyruvate carboxylase |PC
G3HH63	10	10	35.46142673	8.37E-05	2.3	Thapsigargin 48h	SK15-EPO	Phospholipase A-2-activating protein |PLAA
G3I2I1	9	9	36.98464453	0.000546 3	2.3	Thapsigargin 24h	Thapsigargin 72h	DNA helicase |MCM4
G3HD97	9	9	33.79372597	1.96E-07	5.5	SK15-EPO	Thapsigargin 24h	Thioredoxin domain-containing protein 5 |TXNDC5
G3IBQ9	9	9	21.78380132	0.000540 2	1.8	Thapsigargin 48h	SK15-EPO	Phenylalanyl-tRNA synthetase beta chain |FARSB
G3GXT2	9	9	38.50742412	0.000901 7	2.6	Thapsigargin 48h	SK15-EPO	CAD protein |CAD

G3IG05	9	9	33.95765996	5.98E-06	1.6	SK15-EPO	Thapsigargin 72h	Annexin |ANXA2
G3GYP9	9	9	28.21061683	0.002580 7	1.9	Thapsigargin 72h	Thapsigargin 24h	Peroxiredoxin-1 |PRDX1
G3HID0	9	9	27.10048056	0.001789 1	1.5	SK15-EPO	Thapsigargin 48h	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1 |RPN1
G3HG83	9	9	36.071244	0.007435 6	10.5	Thapsigargin 48h	SK15-EPO	T-complex protein 1 subunit gamma |CCT3
G3IFX1	9	9	35.42252469	0.000135 7	2.0	SK15-EPO	Thapsigargin 48h	Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial |SDHA
G3HFP5	9	9	34.87966537	0.000160 1	2.9	Thapsigargin 24h	SK15-EPO	RNA helicase |DDX10
G3HSH0	9	9	21.17670608	0.000743	1.8	Thapsigargin 24h	SK15-EPO	Mitochondrial ribonuclease P protein 1 |TRMT10C
G3HIX6	9	9	34.62602389	0.000115	3.4	Thapsigargin 48h	SK15-EPO	Tryptophanyl-tRNA synthetase, cytoplasmic |WARS
G3HHR9	9	9	26.57326865	3.68E-06	5.7	SK15-EPO	Thapsigargin 48h	Integrin alpha-V |ITGAV
G3H3G9	9	9	29.1156795	0.000241 3	2.1	SK15-EPO	Thapsigargin 72h	Septin-9 |SEPTIN9
G3GRE1	9	9	36.91140938	0.002460 5	2.9	Thapsigargin 48h	SK15-EPO	Bifunctional aminoacyl-tRNA synthetase (Fragment) |EPRS
G3HWJ2	9	9	30.58227992	0.000586 1	2.3	SK15-EPO	Thapsigargin 48h	Plectin-1 |PLEC

G3H YL0	9	9	36.0333 5977	0.00 0106 7	2.5	Thapsigargi n 48h	SK15-EPO	Eukaryotic translation initiation factor 4 gamma 2 |EIF4G2
G3H CT1	9	9	33.9171 052	3.07 E-06	3.9	SK15-EPO	Thapsigargi n 72h	Importin subunit alpha |KPNA2
G3H 4I2	8	7	25.1465 1251	0.00 0188 4	3.7	SK15-EPO	Thapsigargi n 72h	Tropomyosin alpha-1 chain-like protein |TPM4
G3G SH5	8	8	31.3709 1601	0.00 1915	2.0	Thapsigargi n 24h	SK15-EPO	ATP-dependent RNA helicase DDX3X |DDX3X
G3IL N5	8	8	39.8169 601	4.06 E-08	6.3	SK15-EPO	Thapsigargi n 24h	Reticulocalbin-3 |RCN3
G3H 412	8	8	30.4333 1122	6.71 E-06	4.9	SK15-EPO	Thapsigargi n 72h	Proliferating cell nuclear antigen |PCNA
G3H 576	8	8	22.7893 095	0.00 1586 5	2.2	SK15-EPO	Thapsigargi n 72h	Annexin |ANXA6
G3G V42	8	8	33.0175 3664	3.52 E-07	3.6	Thapsigargi n 48h	SK15-EPO	Asparaginyl-tRNA synthetase, cytoplasmic |NARS
G3H WP9	8	8	26.8330 214	0.00 0156 3	1.9	Thapsigargi n 24h	Thapsigargi n 48h	Heterogeneous nuclear ribonucleoprotein C-like 1-like isoform 5 |HNRNPC
G3G XA9	8	8	25.2019 8774	2.39 E-06	2.2	SK15-EPO	Thapsigargi n 24h	Protein disulfide-isomerase |P4HB
G3H CX8	8	8	30.8651 3186	0.00 0415 2	1.7	SK15-EPO	Thapsigargi n 24h	CALR |CALR
G3IB L4	8	8	25.5140 3618	0.00 0399 3	2.7	Thapsigargi n 72h	Thapsigargi n 24h	Glucose-6-phosphate 1-dehydrogenase |FAM3A
G3H KD6	8	8	44.7452 5976	8.58 E-05	3.0	SK15-EPO	Thapsigargi n 72h	Histone-binding protein RBBP7 |RBBP7

G3I0X4	8	8	23.8873 9526	2.22 E-07	6.7	Thapsigargin 72h	SK15-EPO	Epoxide hydrolase 1 |EPHX1
G3H533	8	8	23.8017 8189	4.13 E-06	2.1	Thapsigargin 72h	Thapsigargin 24h	Peptidyl-prolyl cis-trans isomerase |PPIB
G3HL16	8	8	28.3485 3554	0.00 0105 5	1.8	Thapsigargin 24h	Thapsigargin 72h	Splicing factor 3B subunit 1 |SF3B1
G3GR85	8	8	27.3450 6392	0.00 5764 3	5.0	Thapsigargin 72h	SK15-EPO	PITRM1 |PITRM1
G3I9F0	8	8	28.4431 4623	0.00 0426 2	2.2	Thapsigargin 72h	SK15-EPO	General vesicular transport factor p115 |USO1
G3HXA2	8	8	21.0934 5651	0.00 0126 7	2.0	SK15-EPO	Thapsigargin 72h	Basic leucine zipper and W2 domain-containing protein 2 |BZW2
G3HVL1	8	8	24.5676 9252	8.09 E-10	54.9	SK15-EPO	Thapsigargin 72h	Cell division control protein 2-like |CDK1
G3HSL4	8	8	28.2561 7266	2.57 E-05	1.9	Thapsigargin 48h	SK15-EPO	Elongation factor 2 |EEF2
G3IAQ0	8	8	38.3295 2046	0.00 0348 2	3.0	Thapsigargin 48h	SK15-EPO	Alpha-enolase |ENO1
Q60455	8	8	27.9724 9293	0.00 0972 3	2.2	SK15-EPO	Thapsigargin 72h	Tubulin beta chain |TBB7_CHICK
G3HJK8	8	8	29.4405 5295	0.00 1016 5	2.0	Thapsigargin 72h	SK15-EPO	MICOS complex subunit MIC60 |IMMT
G3H7V9	8	8	26.8568 3048	0.00 0171 5	1.9	Thapsigargin 24h	Thapsigargin 72h	DNA helicase |MCM2

G3HRF8	8	8	29.53088713	6.65E-05	4.0	SK15-EPO	Thapsigargin 72h	CD166 antigen |ALCAM
G3HDE8	8	8	26.73388624	1.07E-05	2.7	Thapsigargin 72h	SK15-EPO	Phosphoenolpyruvate carboxykinase [GTP], mitochondrial |PCK2
G3HQ69	8	8	18.12341011	0.000195 4	1.6	SK15-EPO	Thapsigargin 72h	Src substrate cortactin |CTTN
G3H3P5	8	8	31.64364767	1.33E-06	2.1	SK15-EPO	Thapsigargin 72h	Kinesin-like protein |KIF5B
G3HJS1	8	8	31.23949122	0.000209 6	3.4	SK15-EPO	Thapsigargin 72h	Spectrin beta chain, brain 1 |SPTBN1
G3H331	7	6	19.30632758	0.025502 1	2.1	Thapsigargin 48h	SK15-EPO	Ras GTPase-activating-like protein IQGAP2 |IQGAP1
G3HP44	7	7	20.39375734	0.006339 5	1.8	Thapsigargin 24h	Thapsigargin 72h	Kinesin-like protein KIF15 (Fragment) |KIF15
G3H177	7	7	19.8343749	7.25E-05	4.1	SK15-EPO	Thapsigargin 48h	LMAN2 |LMAN2
G3HLV1	7	7	29.06500614	0.000957 1	4.3	SK15-EPO	Thapsigargin 48h	Peptidylprolyl isomerase |FKBP10
G3HXU0	7	7	22.610039	0.000148 1	1.9	Thapsigargin 48h	SK15-EPO	Tubulin--tyrosine ligase-like protein 12 |TTLL12
Q6E6J6	7	7	27.50719237	8.28E-05	3.6	SK15-EPO	Thapsigargin 72h	Chromobox protein-like 5 |CBX5
G3H3H9	7	7	24.35687232	0.000202 9	2.3	Thapsigargin 72h	SK15-EPO	Aminopeptidase B |RNPEP

G3I5L3	7	7	27.4539206	0.000222	2.1	SK15-EPO	Thapsigargin 72h	Annexin |ANXA1
G3GRK2	7	7	25.3474290	2.50E-05	8.3	Thapsigargin 72h	SK15-EPO	Cell cycle progression protein 1 |CCPG1
G3I2M1	7	7	39.4397535	0.000793	2.1	Thapsigargin 48h	SK15-EPO	T-complex protein 1 subunit zeta |CCT6A
G3GY75	7	7	31.0805079	0.003275	2.4	Thapsigargin 72h	SK15-EPO	Eukaryotic initiation factor 4A-I |EIF4A1
G3GYY2	7	7	24.1838250	0.000230	3.2	Thapsigargin 24h	Thapsigargin 72h	Caprin-1 |CAPRIN1
G3I801	7	7	26.4971220	0.001066	2.2	Thapsigargin 48h	SK15-EPO	Switch-associated protein 70 |SWAP70
G3HRK0	7	7	26.7656681	0.000162	1.6	Thapsigargin 48h	SK15-EPO	PA2G4 |PA2G4
G3H381	7	7	21.6592657	6.03E-05	2.0	SK15-EPO	Thapsigargin 72h	Kinesin light chain 1 |KLC1
G3GUM5	7	7	22.8353357	0.000205	3.3	SK15-EPO	Thapsigargin 72h	Condensin complex subunit 1 |NCAPD2
G3H9S0	7	7	23.7014236	0.000180	2.7	Thapsigargin 72h	Thapsigargin 24h	Protein Niban |FAM129A
G3HRG8	7	7	25.0914819	7.19E-07	7.8	SK15-EPO	Thapsigargin 24h	Endoplasmic reticulum resident protein ERp44 (Fragment) |ERP44

G3I7N4	7	7	29.66369343	0.000108 3	4.5	Thapsigargin 24h	Thapsigargin 72h	Uncharacterized protein |PRUNE2
G3H6D9	7	7	23.09820533	3.41E-05	6.2	SK15-EPO	Thapsigargin 72h	DNA (cytosine-5)-methyltransferase |DNMT1
G3GU12	7	7	22.95709443	3.02E-05	10.2	SK15-EPO	Thapsigargin 72h	A-kinase anchor protein 12 |AKAP12
G3II69	7	7	20.98100805	0.000316 9	3.2	SK15-EPO	Thapsigargin 72h	DNA damage-binding protein 1 |DDB1
G3I3J1	7	7	20.02202761	0.001793 8	10.2	Thapsigargin 48h	SK15-EPO	Asparagine synthetase [glutamine-hydrolyzing] |ASNS
G3GZQ9	7	7	25.10523868	1.28E-07	2.3	Thapsigargin 24h	Thapsigargin 72h	DNA helicase |MCM6
G3I0Q0	7	7	25.25034451	7.47E-08	2.2	SK15-EPO	Thapsigargin 72h	Non-muscle caldesmon |CALD1
G3H2I6	7	7	30.22886038	0.000125 5	2.6	SK15-EPO	Thapsigargin 48h	Neural cell adhesion molecule 1 |NCAM1
G3HX69	7	7	21.35656846	1.53E-05	2.6	SK15-EPO	Thapsigargin 72h	LIM domain and actin-binding protein 1 |LIMA1
G3GYX2	7	7	27.42462516	5.86E-05	4.7	Thapsigargin 72h	SK15-EPO	Nucleolar protein 58 |NOP58
G3GWE6	6	6	24.39280581	1.11E-05	1.7	Thapsigargin 24h	SK15-EPO	Cell growth-regulating nucleolar protein |LYAR
G3I2N4	6	6	16.86644006	6.98E-05	1.7	SK15-EPO	Thapsigargin 72h	Lamina-associated polypeptide 2, isoforms alpha/zeta |TMPO
G3GW47	6	6	18.61266685	0.000124 4	1.8	Thapsigargin 72h	SK15-EPO	Arginyl-tRNA synthetase, cytoplasmic |RARS

G3H3Y2	6	6	24.37892032	1.10E-06	8.6	Thapsigargin 72h	SK15-EPO	Retrovirus-related Gag polyprotein |GAG
G3IFL3	6	6	26.40557694	0.000700 9	2.2	Thapsigargin 72h	SK15-EPO	Signal recognition particle 72 kDa protein |SRP72
G3H0Y9	6	6	18.76703143	0.000467 2	1.9	SK15-EPO	Thapsigargin 72h	EH domain-containing protein 4 |EHD4
G3H284	6	6	22.61434484	8.32E-05	2.5	SK15-EPO	Thapsigargin 24h	Endoplasmic reticulum resident protein 29 |ERP29
G3GYX1	6	6	21.10177588	0.000283 1	5.9	Thapsigargin 72h	SK15-EPO	Nucleolar protein 58 |NOP58
G3HXV5	6	6	18.80434346	0.000462 5	1.7	Thapsigargin 24h	SK15-EPO	Nucleolar phosphoprotein p130 |NOLC1
G3I4Z7	6	6	29.28771293	9.25E-05	3.9	SK15-EPO	Thapsigargin 72h	Galectin |LGALS1
G3I1V4	6	6	31.75545096	0.000482	2.5	Thapsigargin 72h	SK15-EPO	Bifunctional purine biosynthesis protein PURH |ATIC
G3HB04	6	6	29.86529231	0.000163 4	2.6	SK15-EPO	Thapsigargin 24h	Protein disulfide-isomerase A6 |PDIA6
G3HSF8	6	6	23.24060917	4.31E-05	2.7	SK15-EPO	Thapsigargin 72h	Cordon-bleu protein-like 1 |COBLL1
G3H4Z8	6	6	29.4060843	0.000276 4	2.8	Thapsigargin 72h	SK15-EPO	HSPA2 |HSPA2
G3IBF1	6	6	25.84468734	0.000192 1	2.5	Thapsigargin 72h	SK15-EPO	Nucleophosmin |NPM1

G3H7K5	6	6	22.45527411	0.000497 4	1.8	Thapsigargin 72h	SK15-EPO	CCT5 |CCT5
G3IBG3	6	6	35.05360198	0.000194 6	2.5	Thapsigargin 72h	SK15-EPO	Ubiquitin activating enzyme E1 |UBA1
G3I306	6	6	23.7547214	0.001166 4	2.5	SK15-EPO	Thapsigargin 72h	Eukaryotic translation initiation factor 4 gamma 1 |EIF4G1
G3H8W5	6	6	30.33068538	3.88E-07	3.5	Thapsigargin 72h	SK15-EPO	6-phosphofructokinase |PFKL
G3H9T1	6	6	20.69598722	0.000257 9	2.7	SK15-EPO	Thapsigargin 48h	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit |DDOST
G3HZ42	6	6	26.80350876	0.001668 5	2.8	Thapsigargin 72h	SK15-EPO	T-complex protein 1 subunit beta |CCT2
G3I5A4	6	6	24.61618662	0.002520 7	1.8	SK15-EPO	Thapsigargin 24h	Annexin |ANXA5
G3GUB3	6	6	18.22423697	0.003087 7	2.2	Thapsigargin 72h	Thapsigargin 48h	Calcium-binding mitochondrial carrier protein Aralar1 |SLC25A12
G3HZ17	6	6	17.75234246	0.000139 5	1.9	SK15-EPO	Thapsigargin 72h	Protein phosphatase 1 regulatory subunit |PPP1R12A
G3HRJ7	6	6	21.22248483	7.58E-07	2.4	SK15-EPO	Thapsigargin 72h	Catenin delta-1 |CTNND1
G3HX54	6	6	17.67767119	8.10E-05	1.8	Thapsigargin 24h	SK15-EPO	ESF1-like |ESF1
G3HUL2	6	6	12.83079958	2.86E-05	2.7	SK15-EPO	Thapsigargin 72h	Aldehyde oxidase |BZW1

G3I4I9	6	6	15.9011271	0.000159 3	1.9	SK15-EPO	Thapsigargin 72h	MVP |MVP
G3IEX0	6	6	16.6682 7524	3.05E-09	9.7	SK15-EPO	Thapsigargin 24h	Prolyl 3-hydroxylase 1 |P3H1
G3HW36	6	6	20.6638 1156	0.00 2123	2.3	Thapsigargin 72h	SK15-EPO	Serine hydroxymethyltransferase |SHMT2
G3HJ89	6	6	20.4659 7242	0.01 4376 7	3.3	Thapsigargin 72h	SK15-EPO	Clathrin heavy chain |CLTC
G3GWF4	6	6	21.2445 6501	0.01 0248 7	2.4	Thapsigargin 48h	SK15-EPO	Heat shock protein 105 kDa (Fragment) |HSPH1
G3IC91	6	6	21.7011 4875	1.06E-05	3.7	SK15-EPO	Thapsigargin 72h	von Willebrand factor A domain-containing protein 5A |VWA5A
G3I2K8	6	6	21.3035 0637	4.52E-06	51.1	SK15-EPO	Thapsigargin 72h	RRM2 |RRM2
G3HGQ1	6	6	16.7396 0471	1.50E-08	11.7	SK15-EPO	Thapsigargin 48h	Cation-independent mannose-6-phosphate receptor |IGF2R
G3IGA2	6	6	19.8848 2285	0.000579 9	1.8	Thapsigargin 72h	Thapsigargin 48h	Cytochrome b-c1 complex subunit 2, mitochondrial |UQCRC2
G3H451	6	6	18.4491 7345	0.000256 8	2.1	Thapsigargin 24h	SK15-EPO	Nucleolar protein 56 |NOP56
G3I7I9	6	6	17.0095 7406	7.44E-05	2.1	SK15-EPO	Thapsigargin 48h	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit STT3A |STT3A
G3H3L4	6	6	22.8977 9639	1.79E-05	3.6	Thapsigargin 72h	SK15-EPO	NADH-cytochrome b5 reductase |CYB5R1
G3HW44	6	6	20.0064 5804	7.41E-05	2.4	Thapsigargin 72h	SK15-EPO	Methionyl-tRNA synthetase, cytoplasmic |MARS

G3I9P1	6	6	16.1265744	7.15E-07	3.3	SK15-EPO	Thapsigargin 24h	LDLR chaperone MESD |MESD
G3H0D2	6	6	21.0225935	5.23E-07	4.4	SK15-EPO	Thapsigargin 48h	Reticulocalbin-2 |
G3I6C1	6	6	18.1990 5043	0.000408 2	2.6	SK15-EPO	Thapsigargin 48h	Integrin alpha-5 |ITGA5
G3HSM4	6	6	21.0429 74	0.004055	2.6	SK15-EPO	Thapsigargin 72h	Small glutamine-rich tetratricopeptide repeat-containing protein alpha |SGTA
G3HF56	6	6	19.1064 6534	8.47E-07	6.6	SK15-EPO	Thapsigargin 72h	Calponin |CNN2
G3IFY1	6	6	26.2672 4148	6.75E-05	16.3	SK15-EPO	Thapsigargin 72h	TYMS |TYMS
G3IJB9	6	6	14.9394 6218	3.90E-08	3.1	Thapsigargin 72h	Thapsigargin 24h	UDP-N-acetylhexosamine pyrophosphorylase-like protein 1 |UAP1L1
G3HB62	5	5	17.6022 9993	0.001268 4	1.5	Thapsigargin 24h	SK15-EPO	ATP-binding cassette sub-family F member 2 |ABCF2
G3HU51	5	5	17.5517 1037	0.000199 5	1.8	SK15-EPO	Thapsigargin 24h	Isocitrate dehydrogenase [NADP] |IDH1
G3GUM9	5	5	17.9038 5997	0.00039	1.8	Thapsigargin 24h	SK15-EPO	Putative ribosomal RNA methyltransferase NOP2 |NOP2
G3H4V0	5	5	15.3652 0982	1.47E-05	1.6	SK15-EPO	Thapsigargin 72h	Vigilin |HDLBP
G3I668	5	5	15.1189 6956	0.000192 7	2.2	SK15-EPO	Thapsigargin 48h	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-2 |GNB1
G3GWX6	5	5	22.1875 7248	2.53E-05	1.8	SK15-EPO	Thapsigargin 24h	Leukocyte elastase inhibitor A |SERPINB1A

G3IC H9	5	5	19.0837 3499	2.03 E-05	2.4	SK15-EPO	Thapsigargin 72h	Ataxin-10 |ATXN10
Q9E PP7	5	5	18.6935 6823	2.28 E-05	4.8	SK15-EPO	Thapsigargin 72h	CTSZ |CTSZ
G3H 2C4	5	5	17.8329 2627	0.01 6412	3.8	Thapsigargin 48h	SK15-EPO	Heat shock 70 kDa protein 4 (Fragment) |HSPA4
G3IA G0	5	5	14.5539 0882	0.00 0340 7	2.0	Thapsigargin 72h	Thapsigargin 24h	Xaa-Pro aminopeptidase 1 |XPNPEP1
G3G Y52	5	5	19.8220 2697	0.00 0116 3	4.0	Thapsigargin 48h	SK15-EPO	Phosphoribosylformylglycinamidine synthase |PFAS
G3H MD1	5	5	44.7008 0566	0.00 7631 6	14.9	Thapsigargin 72h	Thapsigargin 24h	Glyceraldehyde-3-phosphate dehydrogenase |GAPDH
G3G UR1	5	5	19.2610 9028	2.52 E-07	6.0	Thapsigargin 72h	SK15-EPO	Complement C1r-A subcomponent |C1RA
G3H 8Y0	5	5	17.1017 8435	0.00 1722 1	1.9	SK15-EPO	Thapsigargin 48h	Terpene cyclase/mutase family member |LSS
G3G YY4	5	5	18.9114 6016	0.00 1894 1	1.7	Thapsigargin 24h	SK15-EPO	RNA cytidine acetyltransferase |NAT10
G3H BY2	5	5	18.9816 9386	0.00 0141 2	1.8	Thapsigargin 24h	Thapsigargin 72h	HN1L |
G3G ZE6	5	5	16.1121 8596	0.00 2117 2	2.1	SK15-EPO	Thapsigargin 72h	Actin-related protein 3 |ACTR3
G3H AN5	5	5	22.6840 3769	0.00 0925 1	2.5	Thapsigargin 48h	SK15-EPO	Eukaryotic translation initiation factor 2 subunit 2 |EIF2S2

G3HFM4	5	5	16.18963528	4.35E-05	2.3	SK15-EPO	Thapsigargin 72h	Filamin-B |FLNB
G3I4G0	5	5	18.64914751	3.31E-06	6.3	SK15-EPO	Thapsigargin 72h	EH domain-containing protein 3 |EHD1
G3HRN0	5	5	22.26822019	0.009897 8	4.6	Thapsigargin 72h	SK15-EPO	ATP synthase subunit beta |ATP5B
G3IF80	5	5	22.57190228	0.001173	1.9	Thapsigargin 48h	SK15-EPO	Nucleolin |NCL
G3GS40	5	5	17.3744936	0.003988 4	2.6	Thapsigargin 72h	SK15-EPO	Succinyl-CoA ligase [GDP-forming] subunit beta, mitochondrial |SUCLG2
G3HNP4	5	5	19.4851104	0.001605 5	2.8	Thapsigargin 72h	SK15-EPO	rRNA 2'-O-methyltransferase fibrillarin |FBL
G3H0L9	5	5	19.35168958	0.014712 9	2.0	Thapsigargin 72h	Thapsigargin 24h	Cathepsin B |CTSB
G3GSP0	5	5	11.2381537	0.000238 9	1.5	Thapsigargin 24h	Thapsigargin 72h	UMPS |UMPS
G3H3I9	5	5	17.40085983	8.56E-05	2.5	SK15-EPO	Thapsigargin 72h	Cysteine and glycine-rich protein 1 |CSRP1
G3GR90	5	5	17.73448968	5.60E-06	5.4	SK15-EPO	Thapsigargin 72h	Isopentenyl-diphosphate Delta-isomerase 1 |IDI1
G3GXU1	5	5	16.33141243	9.86E-06	2.1	Thapsigargin 24h	Thapsigargin 72h	Protein phosphatase 1G |PPM1G
G3IE21	5	5	18.05288994	0.000123 7	3.5	Thapsigargin 72h	Thapsigargin 24h	Aldose reductase-related protein 2 |AKR1B8

G3IBV7	5	5	25.6906 4021	1.64 E-06	3.3	SK15-EPO	Thapsigargin 72h	Cytochrome b5 |CYB5A
G3H9G4	5	5	20.2828 2046	0.00 0564 6	2.5	Thapsigargin 48h	SK15-EPO	ATP-binding cassette sub-family E member 1 |ABCE1
G3I4N3	5	5	18.4134 2759	0.00 5738 9	3.8	Thapsigargin 72h	SK15-EPO	Lysine--tRNA ligase |KARS
G3IJD1	5	5	16.8314 6572	0.00 3125 6	1.7	SK15-EPO	Thapsigargin 72h	Putative ATP-dependent RNA helicase DDX17 |DDX17
G3HFI6	5	5	17.3540 5469	7.36 E-05	2.2	Thapsigargin 48h	SK15-EPO	ATP-dependent RNA helicase DDX1 |DDX1
G3IK13	5	5	22.9022 9273	0.00 0279 6	2.4	Thapsigargin 48h	SK15-EPO	Eukaryotic translation initiation factor 3 subunit C |EIF3C
G3I854	5	5	18.8392 3173	8.90 E-05	3.5	Thapsigargin 24h	Thapsigargin 72h	Ubiquitin-associated protein 2 |UBAP2
G3H042	5	5	16.5334 3344	4.87 E-05	3.6	SK15-EPO	Thapsigargin 72h	Condensin complex subunit 2 |NCAPH
G3HCV0	5	5	14.0170 9938	1.23 E-05	2.4	SK15-EPO	Thapsigargin 72h	ATP-dependent RNA helicase DDX42 |DDX42
G3I9F9	5	5	15.7653 7395	1.92 E-06	2.9	SK15-EPO	Thapsigargin 72h	Signal transducer and activator of transcription |STAT1
G3HWT7	5	5	18.1882 3767	0.00 1477	5.1	Thapsigargin 72h	SK15-EPO	FYVE and coiled-coil domain-containing protein 1 |FYCO1
G3GTE4	5	5	13.9673 0173	1.95 E-05	3.2	SK15-EPO	Thapsigargin 72h	GRB2 |GRB2
G3GSW3	5	5	15.4892 9298	0.02 5451 9	1.5	SK15-EPO	Thapsigargin 48h	Coatomer subunit beta |COPB2

G3H M30	5	5	18.0502 9702	7.28 E-05	11.8	Thapsigargin 48h	SK15-EPO	Zinc finger protein 622 |
G3H A11	5	5	14.0749 0206	0.00 0267 6	2.9	Thapsigargin 72h	SK15-EPO	Transducin beta-like protein 2 |TBL2
G3G SI7	5	5	14.3693 8512	0.00 0621 6	2.3	Thapsigargin 24h	SK15-EPO	Large subunit GTPase 1-like |LSG1
G3H C70	5	5	23.0066 9861	0.00 0176 1	30.7	SK15-EPO	Thapsigargin 48h	Pre-B-cell leukemia transcription factor-interacting protein 1 |PBXIP1
G3G T06	5	5	15.7655 0853	0.00 1683 7	2.2	Thapsigargin 48h	SK15-EPO	T-complex protein 1 subunit theta |CCT8
G3H GY8	5	5	21.2705 3809	0.00 0587 6	1.9	Thapsigargin 72h	SK15-EPO	Elongation factor 1-alpha |EEF1A1
G3G RX2	5	5	14.0175 0541	0.00 0132 3	6.1	Thapsigargin 24h	Thapsigargin 72h	Ubiquitin carboxyl-terminal hydrolase 10 |USP10
G3H 7T9	5	5	15.4497 3516	0.00 0442 7	3.2	Thapsigargin 48h	SK15-EPO	E3 ubiquitin-protein ligase HUWE1 (Fragment) |HUWE1
G3G Y25	5	5	15.8052 1369	0.00 0487	1.7	Thapsigargin 72h	SK15-EPO	Nuclear pore complex protein |NUP107
G3H TZ9	5	5	14.7976 346	2.39 E-06	110.8	Thapsigargin 72h	SK15-EPO	Cyclic AMP-dependent transcription factor ATF-6 alpha |ATF6
G3I7 X1	5	5	14.2354 9724	0.00 0791 4	3.1	SK15-EPO	Thapsigargin 48h	Flotillin-2 |FLOT2

G3HC95	5	5	16.00883508	0.000632	3.9	Thapsigargin 48h	SK15-EPO	tRNA (Cytosine-5-)-methyltransferase NSUN2 |NSUN2
G3HIP2	5	5	16.19544506	0.000373	1.8	SK15-EPO	Thapsigargin 72h	heterogeneous nuclear ribonucleoprotein R isoform X2|HNRNPR
G3HT22	5	5	14.18151021	0.001591	2.6	SK15-EPO	Thapsigargin 48h	Glycerol-3-phosphate dehydrogenase |GPD2
G3HCI0	5	5	18.58123064	0.000118	4.0	Thapsigargin 72h	Thapsigargin 24h	Perilipin |PLIN3
G3HCM4	5	5	13.49263072	0.000796	3.5	Thapsigargin 72h	SK15-EPO	CAAX prenyl protease |ZMPSTE24
G3GTN3	5	5	19.44115996	0.000288	1.9	SK15-EPO	Thapsigargin 48h	CPT2 |CPT2
G3H170	5	5	21.28651357	2.32E-05	3.3	SK15-EPO	Thapsigargin 72h	Drebrin |DBN1
G3H4D2	5	5	15.70115519	0.000655	2.4	SK15-EPO	Thapsigargin 24h	Glycosyltransferase 25 family member 1 |COLGALT1
G3GTH2	5	5	15.32820415	2.77E-05	2.6	SK15-EPO	Thapsigargin 72h	Na(+)/H(+) exchange regulatory cofactor NHE-RF |SLC9A3R1
G3HT77	5	5	14.07233322	0.001480	2.3	SK15-EPO	Thapsigargin 72h	Cytoplasmic FMR1-interacting protein |CYFIP1
G3I664	5	5	22.14779067	2.69E-06	7.1	Thapsigargin 72h	SK15-EPO	Procollagen C-endopeptidase enhancer 1 |PCOLCE

G3H3W4	5	5	13.26281464	0.001343	3.1	Thapsigargin 72h	Thapsigargin 24h	Insulin-degrading enzyme |IDE
G3HGU3	5	5	21.44601941	4.54E-06	5.9	SK15-EPO	Thapsigargin 72h	Disabled-like 2 |DAB2
G3HLV8	5	5	18.02025485	0.000226	2.4	Thapsigargin 48h	SK15-EPO	DnaJ-like subfamily C member 7 |DNAJC7
G3IF52	5	5	14.19984424	6.54E-05	1.9	SK15-EPO	Thapsigargin 48h	Nucleobindin-2 |NUCB2
G3H949	5	5	15.46345162	0.001157	4.3	SK15-EPO	Thapsigargin 72h	Alpha-taxilin |TXLNA
G3HQR1	5	5	13.84767461	0.000558	1.8	Thapsigargin 72h	Thapsigargin 24h	Guanine nucleotide-binding protein-like 1 (Fragment) |GNL1
G3GZG5	4	4	14.32010674	0.000492	3.2	Thapsigargin 72h	SK15-EPO	Signal recognition particle receptor subunit beta |SRPRB
G3HCB0	4	4	12.44108653	0.000931	1.6	SK15-EPO	Thapsigargin 72h	PC4 and SFRS1-interacting protein |PSIP1
G3HP76	4	4	11.72074842	7.50E-06	7.0	SK15-EPO	Thapsigargin 72h	3-hydroxy-3-methylglutaryl coenzyme A synthase |HMGCS2
G3H066	4	4	24.88901758	0.000222	1.7	Thapsigargin 48h	SK15-EPO	V-type proton ATPase catalytic subunit A |ATP6V1A
G3I877	4	4	12.82541013	0.002068	2.2	Thapsigargin 48h	SK15-EPO	Stress-induced-phosphoprotein 1 |STIP1
G3HMU4	4	4	16.87187028	0.040273	2.3	SK15-EPO	Thapsigargin 72h	Chloride intracellular channel protein |CLIC4

G3HV73	4	4	13.26044202	0.000275	2.3	SK15-EPO	Thapsigargin 72h	Poly [ADP-ribose] polymerase |PARP1
G3I4W7	4	4	10.88038468	0.000489	1.9	Thapsigargin 72h	Thapsigargin 24h	Cathepsin D |CTSD
D0UZH8	4	4	12.94441092	0.000631	2.7	Thapsigargin 48h	SK15-EPO	Adenylosuccinate lyase |ADSL
G3H1M4	4	4	13.69944668	0.000209	1.7	Thapsigargin 72h	SK15-EPO	Eukaryotic translation initiation factor 2 subunit 1 |EIF2S1
G3GRK8	4	4	18.90692973	5.11E-05	2.7	SK15-EPO	Thapsigargin 72h	E3 ubiquitin-protein ligase NEDD4 |NEDD4
G3IIT6	4	4	13.716043	0.000192	2.3	Thapsigargin 48h	SK15-EPO	Cysteinyl-tRNA synthetase, cytoplasmic |CARS
G3GZ85	4	4	13.51299214	0.000398	1.9	Thapsigargin 72h	SK15-EPO	Staphylococcal nuclease domain-containing protein |SND1
G3IFE7	4	4	12.12463427	0.000134	1.7	Thapsigargin 48h	SK15-EPO	Phosphoglucomutase-2 |PGM2
G3GUN0	4	4	17.22163534	0.000208	2.8	SK15-EPO	Thapsigargin 72h	Chromodomain-helicase-DNA-binding protein 4 |CHD4
G3GR61	4	4	10.66878939	0.000760	1.6	Thapsigargin 72h	Thapsigargin 48h	ATP synthase subunit gamma |ATP5C1
G3I4A7	4	4	13.42405343	0.000749	2.6	Thapsigargin 24h	Thapsigargin 72h	Bifunctional methylenetetrahydrofolate dehydrogenase/cyclohydrolase, mitochondrial |

G3HWN6	4	4	12.17247963	4.10E-06	1.7	Thapsigargin 24h	Thapsigargin 72h	DNA topoisomerase I (Fragment) |TOP1
G3H125	4	4	16.86155081	0.000596 3	4.0	Thapsigargin 72h	Thapsigargin 24h	Neutral amino acid transporter A |SLC1A4
G3HNK4	4	4	18.39510536	0.000468 3	2.8	SK15-EPO	Thapsigargin 72h	Dihydropyrimidinase-related protein 2 |DPYSL2
G3HHL3	4	4	11.44195116	0.000243 4	1.9	Thapsigargin 72h	SK15-EPO	Eukaryotic translation initiation factor 5B |EIF5B
G3HYU7	4	4	14.88604331	0.010639 8	5.3	Thapsigargin 48h	SK15-EPO	Exportin-5 |XPO5
G3GUU5	4	4	36.2218504	0.002947 4	3.4	Thapsigargin 72h	Thapsigargin 24h	Transketolase |TKT
G3H2J8	4	4	14.68552661	0.000205	1.7	Thapsigargin 24h	Thapsigargin 72h	Heterogeneous nuclear ribonucleoproteins A2/B1 |HNRNPA2B1
G3HGP6	4	4	17.91153836	0.000598 4	2.5	Thapsigargin 48h	SK15-EPO	T-complex protein 1 subunit alpha |TCP1
G3HC39	4	4	20.09661317	2.68E-05	3.1	SK15-EPO	Thapsigargin 72h	Farnesyl pyrophosphate synthetase |FDPS
G3I0C8	4	4	18.28477383	0.006683 8	2.1	Thapsigargin 72h	SK15-EPO	Acetyl-CoA acetyltransferase, mitochondrial |ACAT1
G3HQL6	4	4	19.13908839	0.000155 9	3.4	Thapsigargin 72h	SK15-EPO	Thioredoxin reductase 1, cytoplasmic |TXNRD1

G3H PV7	4	4	10.3859 9479	9.92 E-05	1.8	Thapsigargin 24h	Thapsigargin 48h	Histone H4 |H2B1_PONAB
G3ID U7	4	4	11.4444 3345	5.02 E-06	3.7	SK15-EPO	Thapsigargin 48h	Beta-glucuronidase |GUSB
G3ID M2	4	4	22.0858 7265	0.00 1555 8	1.8	SK15-EPO	Thapsigargin 72h	Cofilin-1 |CFL1
G3H G95	4	4	15.7468 0972	0.00 1836 4	2.1	Thapsigargin 24h	Thapsigargin 48h	Lamin-A/C |LMNA
G3I3 Y6	4	4	15.8620 4886	0.00 0970 8	4.1	Thapsigargin 72h	Thapsigargin 24h	Glutathione S-transferase P |GSTP1
G3H P69	4	4	16.9180 6984	0.00 3585 7	1.6	Thapsigargin 72h	Thapsigargin 48h	Calnexin |CANX
G3H N88	4	4	18.1274 2543	0.00 3692	2.4	Thapsigargin 48h	Thapsigargin 24h	Adenylyl cyclase-associated protein |CAP1
G3I3 W4	4	4	16.3613 9798	0.00 0266 1	1.8	Thapsigargin 72h	Thapsigargin 24h	S-formylglutathione hydrolase |ESD
G3H CW3	4	4	13.9162 5428	0.00 0192 9	3.7	Thapsigargin 72h	SK15-EPO	ATPase ASNA1 |
G3H LX0	4	4	12.9293 8995	2.21 E-05	2.6	SK15-EPO	Thapsigargin 48h	Polymerase I and transcript release factor |CAVIN1
G3G WE9	4	4	11.8267 0689	0.01 1409 8	1.6	Thapsigargin 72h	Thapsigargin 24h	Solute carrier family 2, facilitated glucose transporter member 9 |WDR1
G3I0 X5	4	4	10.3234 1897	4.25 E-05	4.2	Thapsigargin 72h	SK15-EPO	Epoxide hydrolase 1 |EPHX1

G3H NG2	4	4	19.4902 9791	7.74 E-07	3.5	Thapsigargin 72h	SK15-EPO	Acyl-coenzyme A thioesterase 2, mitochondrial |ACOT1
G3G XB1	4	4	18.6629 8056	0.00 0454	1.7	Thapsigargin 24h	Thapsigargin 72h	THO complex subunit 4 |ALYREF
G3H WC3	4	4	9.21907 3057	0.00 0437 4	1.8	SK15-EPO	Thapsigargin 72h	EZR |EZR
G3IG H6	4	4	13.5608 7601	0.00 2087 6	1.7	Thapsigargin 24h	SK15-EPO	Transcription elongation factor spt6 |SUPT6H
G3IA I6	4	4	24.1684 5036	3.09 E-06	5.1	Thapsigargin 24h	Thapsigargin 72h	Heme oxygenase |HMOX1
G3H PP2	4	4	10.9750 3066	0.00 3610 9	3.3	Thapsigargin 72h	SK15-EPO	4-trimethylaminobutyraldehyde dehydrogenase |ALDH9A1
G3H KQ9	4	4	17.5997 4957	7.00 E-05	2.7	SK15-EPO	Thapsigargin 72h	SWI/SNF complex subunit SMARCC1 (Fragment) |SMARCC1
G3IA U0	4	4	12.4259 727	1.44 E-05	3.1	SK15-EPO	Thapsigargin 72h	Uncharacterized protein (Fragment) |SMC4
G3H YW3	4	4	12.6635 2034	0.00 1659 9	1.9	SK15-EPO	Thapsigargin 72h	Cullin-4B (Fragment) |CUL4B
G3I6 L2	4	4	8.62364 9597	3.89 E-06	3.1	SK15-EPO	Thapsigargin 72h	Elongator complex protein 3 |ELP3
G3II E7	4	4	10.8743 0263	6.97 E-09	7.1	SK15-EPO	Thapsigargin 24h	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 1 |PLOD1
G3H R63	4	4	17.0207 6852	2.23 E-06	11.5	SK15-EPO	Thapsigargin 24h	Protein canopy-like 3 |CNPY3
G3H TV2	4	4	12.0279 9249	0.00 0356 5	3.5	SK15-EPO	Thapsigargin 72h	WW domain-binding protein 2 |

G3HR69	4	4	15.4258709	0.001961 3	2.5	SK15-EPO	Thapsigargin 72h	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit |PPP2R5D
G3IFK1	4	4	10.5679 2963	6.46 E-06	4.7	SK15-EPO	Thapsigargin 72h	Flap endonuclease 1 |FEN1
G3H9Q4	4	4	12.4617 0914	0.005307 3	4.0	Thapsigargin 48h	SK15-EPO	Vesicle transport protein SEC20 | BNIP1
G3I373	4	4	14.3885 2978	2.12 E-05	6.4	Thapsigargin 48h	SK15-EPO	Mixed lineage kinase domain-like protein |MLKL
G3H4W0	4	4	10.2372 2601	2.65 E-05	11.0	SK15-EPO	Thapsigargin 72h	Thymidylate kinase |DTYMK
G3GUH8	4	4	15.6823 5731	1.92 E-06	3.8	SK15-EPO	Thapsigargin 72h	Serine/threonine-protein kinase WNK2 |FAM120A
G3I0V9	4	4	13.1107 6832	0.000103 6	2.8	SK15-EPO	Thapsigargin 72h	Liprin-beta-1 |PPFIBP1
G3I9E3	4	4	11.0247 0088	8.22 E-05	2.6	Thapsigargin 24h	Thapsigargin 72h	Ribosomal RNA processing protein 1-like B |RRP1B
G3I7W5	4	4	11.5335 1903	4.25 E-05	3.3	SK15-EPO	Thapsigargin 72h	Myosin-XVIIIa |MYO18A
G3HQK4	4	4	11.1668 5176	3.18 E-05	21.1	Thapsigargin 72h	SK15-EPO	Discoidin domain-containing receptor 2 |DDR2
G3HB11	4	4	15.1367 3353	0.000226 2	2.8	SK15-EPO	Thapsigargin 72h	Rho-associated protein kinase 2 |ROCK1
G3I7B3	4	4	13.6691 1006	9.93 E-08	5.6	Thapsigargin 72h	SK15-EPO	RAB32 |RAB32
G3HVB6	4	4	11.8412 0846	2.53 E-07	7.7	Thapsigargin 24h	Thapsigargin 72h	Clustered mitochondria protein homolog |CLUH

G3I2F0	4	4	15.4922 0514	0.00 0170 4	3.6	SK15-EPO	Thapsigargin 72h	KLC2 |KLC4
G3HAT2	4	4	13.7272 0814	0.00 4366 4	7.9	Thapsigargin 48h	SK15-EPO	NMDA receptor-regulated protein 1 |NAA15
G3HA18	4	4	17.1091 0106	0.00 2180 8	3.6	SK15-EPO	Thapsigargin 72h	Huntingtin-interacting protein 1 |HIP1
G3HVG9	4	4	12.5567 6377	0.00 1265	1.7	Thapsigargin 24h	Thapsigargin 72h	Matrin-3 |MATR3
G3IMX9	4	4	14.0732 4386	3.81 E-07	2.7	SK15-EPO	Thapsigargin 24h	von Willebrand factor A domain-containing protein 5A |VWA5A
G3HYU6	4	4	19.0922 5106	0.00 0361 1	2.2	Thapsigargin 24h	Thapsigargin 72h	DNA-directed RNA polymerases I and III subunit RPAC1 |POLR1C
G3I1Z7	4	4	13.4387 2952	0.00 0763 1	1.8	SK15-EPO	Thapsigargin 72h	Developmentally-regulated GTP-binding protein 1 |DRG1
G3GYV4	4	4	9.79165 1845	2.71 E-05	1.6	Thapsigargin 24h	SK15-EPO	Ribosome biogenesis protein WDR12 |
G3HDG3	4	4	11.2415 5354	0.00 0275 6	2.4	Thapsigargin 72h	SK15-EPO	Neuroguidin |NGDN
G3I432	4	4	11.8036 1891	0.00 0652 1	1.6	Thapsigargin 24h	SK15-EPO	ATPase family AAA domain-containing protein 3 |ATAD3
G3HRY8	4	4	10.8072 902	0.00 0154 4	1.8	Thapsigargin 24h	Thapsigargin 72h	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 5 |SMARCA5

G3H9H7	4	4	8.739908814	0.003872	1.7	Thapsigargin 24h	Thapsigargin 48h	Heterogeneous nuclear ribonucleoprotein G |RBMXL1
G3HYG7	4	4	11.969395547	4.52E-05	2.8	SK15-EPO	Thapsigargin 48h	DnaJ-like subfamily B member 11 |DNAJB11
G3HRJ1	4	4	11.628222318	0.001085	1.6	SK15-EPO	Thapsigargin 72h	FACT complex subunit SSRP1 |SSRP1
G3I2H0	4	4	10.756855966	6.51E-06	1.5	SK15-EPO	Thapsigargin 72h	Dipeptidyl peptidase 3 |DPP3
G3HES6	4	4	11.219877009	0.000181	2.3	Thapsigargin 24h	SK15-EPO	Putative ATP-dependent RNA helicase DDX27 |DDX27
G3HSJ1	4	4	12.261864177	8.22E-07	1.7	SK15-EPO	Thapsigargin 48h	Nicalin |NCLN
G3H337	4	4	14.407444185	9.73E-05	2.5	Thapsigargin 72h	SK15-EPO	tRNA-nucleotidyltransferase 1, mitochondrial |TRNT1
G3HCX7	4	4	13.620702611	0.000253	7.0	Thapsigargin 48h	SK15-EPO	Phenylalanyl-tRNA synthetase alpha chain |FARSA
G3HWN7	4	4	11.006008349	5.04E-07	3.5	SK15-EPO	Thapsigargin 72h	Phosphoinositide phospholipase C (Fragment) |PLCG1
G3HAJ0	4	4	12.500104639	0.003631	1.8	SK15-EPO	Thapsigargin 48h	Golgin subfamily B member 1 |GOLGB1
G3H7Y1	4	4	14.758306301	0.003778	2.8	SK15-EPO	Thapsigargin 72h	PEX19 |PEX19
G3IAX4	4	4	12.283707438	9.46E-06	4.5	SK15-EPO	Thapsigargin 48h	Glutathione peroxidase |GPX8

G3I7Z8	4	4	13.8273 7374	1.12 E-05	2.3	Thapsigargin 48h	SK15-EPO	Importin-7 |IPO7
G3GZ87	4	4	12.4639 6983	1.16 E-05	2.2	Thapsigargin 24h	SK15-EPO	RNA-binding protein 28 |RBM28
G3GRD8	4	4	11.4504 9334	0.00 0929 3	2.6	Thapsigargin 72h	SK15-EPO	Isoleucyl-tRNA synthetase, mitochondrial |IARS2
G3HRR7	4	4	12.4609 9019	0.00 0309 5	1.9	Thapsigargin 24h	Thapsigargin 48h	Mitochondrial import inner membrane translocase subunit TIM44 |TIMM44
G3I9W7	3	2	9.64888 7634	0.00 0519 8	1.9	Thapsigargin 72h	SK15-EPO	Ras-related protein Rab-6A (Fragment) |RAB6A
G3HN02	3	2	8.19902 1578	0.00 0577 7	1.6	SK15-EPO	Thapsigargin 24h	Talin-1 |TLN1
G3I2E9	3	2	7.59241 0207	4.55 E-05	1.9	Thapsigargin 72h	Thapsigargin 48h	Ras-related protein Rab-1B |RAB1B
G3HAU1	3	3	10.5622 201	0.00 1160 3	2.0	Thapsigargin 72h	SK15-EPO	Eukaryotic translation initiation factor 3 subunit E |EIF3E
G3HDQ1	3	3	6.99961 7577	0.00 5664 2	2.1	Thapsigargin 72h	SK15-EPO	UTP--glucose-1-phosphate uridylyltransferase |UGP2
G3H1U2	3	3	14.1226 3489	0.00 0750 2	3.0	Thapsigargin 24h	Thapsigargin 72h	Heterogeneous nuclear ribonucleoprotein A3 |HNRNPA3
B2ZA78	3	3	11.4543 941	0.00 3373 1	5.1	Thapsigargin 48h	SK15-EPO	Trifunctional purine biosynthetic protein adenosine-3 |GART

G3GUQ6	3	3	7.547210693	0.015601 2	2.2	Thapsigargin 72h	SK15-EPO	Prohibitin-2 |PHB2
G3IAI5	3	3	9.494089127	0.004107 8	2.2	SK15-EPO	Thapsigargin 72h	DNA helicase |MCM5
G3IHH6	3	3	10.468539	1.90E-05	2.6	SK15-EPO	Thapsigargin 72h	Fumarylacetoacetase |FAH
G3HMM2	3	3	10.851439 48	0.001532 8	2.4	Thapsigargin 48h	SK15-EPO	Peptidyl-prolyl cis-trans isomerase |PPID
G3IB81	3	3	6.299767017	6.42E-05	1.8	SK15-EPO	Thapsigargin 48h	Mitochondrial carnitine/acylcarnitine carrier protein |SLC25A20
G3HAR7	3	3	9.182777405	0.000281 3	2.3	Thapsigargin 72h	SK15-EPO	RNA-binding protein 39 |RBM39
G3HLR7	3	3	11.45456553	0.003537 1	1.6	Thapsigargin 48h	Thapsigargin 24h	Adenosine deaminase |
G3I692	3	3	11.003725553	0.009956 5	2.5	Thapsigargin 48h	Thapsigargin 24h	CNDP2 |CNDP2
G3HBI9	3	3	10.786322212	5.24E-05	6.0	Thapsigargin 48h	Thapsigargin 24h	Leukotriene A-4 hydrolase |LTA4H
G3HXY1	3	3	12.329240 32	0.001486 1	1.8	SK15-EPO	Thapsigargin 72h	PDZ and LIM domain protein 1 |PDLIM1
G3I8Z5	3	3	10.9161272	6.59E-07	6.0	Thapsigargin 72h	Thapsigargin 24h	Sulfiredoxin |SRXN1
G3H497	3	3	11.048652651	0.003022 1	2.4	Thapsigargin 48h	SK15-EPO	Inositol-3-phosphate synthase 1 | ISYNA1

G3HUI7	3	3	13.4862 1297	0.00 0159	2.3	Thapsigargin 72h	SK15-EPO	Protein ERGIC-53 |LMAN1
G3IOR3	3	3	9.88103 8427	0.00 0286 6	2.0	Thapsigargin 48h	SK15-EPO	Nicotinamide phosphoribosyltransferase (Fragment) |NAMPT
G3HTE5	3	3	12.5577 4236	9.81 E-05	2.3	SK15-EPO	Thapsigargin 24h	Lysosomal alpha-glucosidase |GAA
G3HPZ2	3	3	9.49108 8152	0.00 0135 8	2.1	Thapsigargin 24h	Thapsigargin 72h	S-adenosylmethionine synthase |MAT2A
G3HIJ0	3	3	13.6571 1308	9.87 E-05	2.6	SK15-EPO	Thapsigargin 48h	Guanine nucleotide-binding protein G(O) subunit alpha (Fragment) |GNA0
G3GZB1	3	3	16.4933 4216	0.00 4612 6	14.3	Thapsigargin 48h	SK15-EPO	Eukaryotic translation initiation factor 3 subunit M |EIF3M
G3I9F1	3	3	13.6829 3667	2.51 E-05	7.8	SK15-EPO	Thapsigargin 72h	Ras GTPase-activating protein-binding protein 2 |G3BP2
G3HNS8	3	3	9.20371 8662	2.48 E-05	2.5	Thapsigargin 72h	SK15-EPO	Long-chain-fatty-acid--CoA ligase 5 |ACSL1
G3HQK5	3	3	13.0446 9395	7.75 E-05	1.8	SK15-EPO	Thapsigargin 72h	UDP-N-acetylhexosamine pyrophosphorylase |UAP1
G3HIC4	3	3	8.85619 7834	0.00 0932	2.1	Thapsigargin 72h	Thapsigargin 48h	Protein transport protein Sec61 subunit alpha isoform 1 (Fragment) |SEC61A1
G3GS14	3	3	10.8075 5424	0.00 0704 8	2.2	SK15-EPO	Thapsigargin 48h	TMEM43 |TMEM43
G3H8V5	3	3	7.79634 13	0.00 0211 9	3.1	SK15-EPO	Thapsigargin 72h	Carboxypeptidase |Ctsa
G3IDS0	3	3	9.09050 4646	0.01 0409 1	2.1	Thapsigargin 48h	SK15-EPO	Pre-mRNA-processing factor 40-like A |PRPF40A

G3HCH0	3	3	6.83029 5801	5.55 E-07	3.3	SK15-EPO	Thapsigargin 24h	MYDGF |
G3HRA9	3	3	10.3979 1954	1.37 E-05	6.6	SK15-EPO	Thapsigargin 72h	Serine/threonine-protein kinase MST4 |STK24
G3HRK4	3	3	9.14307 189	0.00 4413 1	1.6	Thapsigargin 72h	Thapsigargin 24h	RAB5B |RAB5B
G3I1P6	3	3	12.2020 0634	0.00 3001 9	3.6	SK15-EPO	Thapsigargin 72h	Nucleosome-binding protein 1 |HMGN5
G3GWT7	3	3	9.10564 6372	0.00 1819 1	1.7	SK15-EPO	Thapsigargin 48h	Guanine nucleotide-binding protein G(S) subunit alpha isoforms XLas |GNAS
G3I3Z1	3	3	9.75143 8141	0.00 1245 1	2.5	SK15-EPO	Thapsigargin 72h	AH receptor-interacting protein |
G3I6I6	3	3	14.6342 6328	0.00 1757 7	32.3	SK15-EPO	Thapsigargin 72h	Tubulin alpha chain |TUBA1B
G3GXX4	3	3	9.72311 8305	0.00 0117 8	2.2	SK15-EPO	Thapsigargin 48h	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 2 |RPN2
G3I2B6	3	3	8.52714 9677	0.00 9122 5	2.2	Thapsigargin 48h	Thapsigargin 24h	Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform (Fragment) |PPP2R1A
G3H7R4	3	3	9.71430 0036	0.00 2688 4	1.8	Thapsigargin 72h	SK15-EPO	Thioredoxin-dependent peroxide reductase |PRDX3
G3H1D5	3	3	7.74276 9361	0.00 1318 3	2.2	SK15-EPO	Thapsigargin 24h	Carboxypeptidase |SCPEP1

G3HS67	3	3	14.97998929	0.000998343	2.0	SK15-EPO	Thapsigargin 48h	Heme oxygenase |HMOX2
G3HTW7	3	3	7.978947639	2.25E-07	1.7	Thapsigargin 72h	SK15-EPO	Signal recognition particle 68 kDa protein |SRP68
G3HHF3	3	3	12.38956213	0.016565346	1.7	Thapsigargin 72h	Thapsigargin 48h	Succinyl-CoA:3-ketoacid-coenzyme A transferase |OXCT1
G3I9A3	3	3	11.5853703	1.96E-06	6.7	SK15-EPO	Thapsigargin 24h	Neudesin |
G3HCU9	3	3	11.47827433	2.45E-05	2.9	Thapsigargin 24h	SK15-EPO	pre-rRNA processing protein FTSJ3 |FTSJ3
G3H9U3	3	3	11.17823005	0.001725348	1.7	Thapsigargin 24h	Thapsigargin 72h	Splicing factor, proline-and glutamine-rich |SFPQ
G3HGP4	3	3	6.66380918	0.002361	2.2	SK15-EPO	Thapsigargin 72h	ACAT2 |ACAT2
G3HEJ8	3	3	10.68922941	0.002832349	2.2	Thapsigargin 24h	Thapsigargin 48h	ADP/ATP translocase 2 |SLC25A5
Q91Z81	3	3	10.99968696	0.001003344	2.3	SK15-EPO	Thapsigargin 24h	Protein disulfide-isomerase |PDIA3
G3GS70	3	3	8.963591099	0.000349346	2.4	Thapsigargin 72h	SK15-EPO	Importin-5 |IPO5
G3HQ45	3	3	10.8457942	7.02E-05	2.2	Thapsigargin 72h	SK15-EPO	Eukaryotic translation initiation factor 2 subunit 3 |EIF2S3
G3GWG3	3	3	12.87031984	0.000515346	7.8	Thapsigargin 48h	SK15-EPO	High mobility group protein B1 |HMGB1

G3IGN7	3	3	12.2274 6587	0.00 0597 8	2.3	Thapsigargin 48h	SK15-EPO	BRCA2 and CDKN1A-interacting protein |
G3HSM8	3	3	8.71674 9191	1.90 E-05	1.7	SK15-EPO	Thapsigargin 48h	Lamin-B2 |LMNB1
G3HP75	3	3	11.4804 7042	0.00 1016 8	1.6	Thapsigargin 72h	Thapsigargin 24h	D-3-phosphoglycerate dehydrogenase |PHGDH
G3I1P5	3	3	10.4034 7862	0.00 1655 2	2.1	SK15-EPO	Thapsigargin 72h	SH3 domain-binding glutamic acid-rich-like protein |SH3BGRL
G3HXL1	3	3	11.6333 7755	0.00 4141 4	1.9	Thapsigargin 24h	Thapsigargin 72h	Poly(rC)-binding protein 1 |PCBP1
G3I4H6	3	3	17.7886 0545	0.00 0666	3.1	Thapsigargin 48h	SK15-EPO	Fructose-bisphosphate aldolase |ALDOA
G3HMB9	3	3	8.75711 3934	0.00 4347 7	1.9	SK15-EPO	Thapsigargin 48h	Histone H2A |H2AFV
G3HHB8	3	3	7.12092 9956	0.00 0421 3	1.7	Thapsigargin 24h	Thapsigargin 48h	60S ribosomal export protein NMD3 |NMD3
G3GV47	3	3	10.4106 4978	5.56 E-05	2.2	Thapsigargin 24h	Thapsigargin 48h	Leucine-rich PPR motif-containing protein, mitochondrial |LRPPRC
G3IJ29	3	3	9.19671 2971	0.00 4768 6	2.6	Thapsigargin 48h	SK15-EPO	Eukaryotic translation initiation factor 3 subunit D |EIF3D
G3HCF8	3	3	12.5909 5335	0.00 1988 9	17.4	SK15-EPO	Thapsigargin 72h	Endophilin-A2 |SH3GL1

G3H NY5	3	3	19.1445 5867	0.00 1778 3	4.2	Thapsigargi n 72h	SK15-EPO	Phosphoglycerate kinase |PGK1
G3H 7B3	3	3	16.8307 0993	7.31 E-07	2.8	SK15-EPO	Thapsigargi n 48h	Galectin |LGALS3
G3H 354	3	3	23.0864 1601	0.02 7053 9	2.0	Thapsigargi n 48h	SK15-EPO	Heat shock protein HSP 90-alpha |HSP90AA1
G3IE Y9	3	3	15.7811 6417	0.01 1368 7	2.0	Thapsigargi n 48h	Thapsigargi n 24h	14-3-3 protein theta |YWHAQ
G3IG Q3	3	3	10.3927 2356	0.00 1002 7	1.7	SK15-EPO	Thapsigargi n 72h	Heat shock cognate 71 kDa protein |HSPA8
G3H BE9	3	3	12.1618 8145	0.00 3720 7	3.1	Thapsigargi n 72h	SK15-EPO	Leucine-rich repeat-containing protein 59 |LRRC59
G3H LV6	3	3	9.79176 712	8.39 E-05	1.6	SK15-EPO	Thapsigargi n 72h	ATP-citrate synthase |ACLY
F7J0 L2	3	3	7.85050 3922	0.00 3567 5	1.8	Thapsigargi n 24h	SK15-EPO	Splicing factor, arginine/serine-rich 1, transcript variant 1 (Fragment) |SRSF1
G3I2 N1	3	3	7.13042 6407	3.01 E-05	2.0	Thapsigargi n 24h	Thapsigargi n 48h	Phosphate carrier protein, mitochondrial |SLC25A3
G3H 0S4	3	3	8.01815 5694	2.85 E-05	2.2	Thapsigargi n 72h	SK15-EPO	Sorbitol dehydrogenase |SORD
G3H CK9	3	3	11.8801 2934	0.00 1030 8	1.6	SK15-EPO	Thapsigargi n 72h	Far upstream element-binding protein 2 |KHSRP
G3I3 Z5	3	3	15.3963 6743	0.00 1999	2.0	Thapsigargi n 48h	Thapsigargi n 24h	Coronin |CORO1B

G3H3D3	3	3	12.49576545	0.000189	6.6	Thapsigargin 48h	SK15-EPO	Branched-chain-amino-acid aminotransferase |BCAT1
G3INF7	3	3	12.28019929	0.005701	2.0	Thapsigargin 72h	Thapsigargin 24h	Glutathione S-transferase Mu 1 |GSTM1
Q9JJN7	3	3	8.401192665	0.013691	1.5	SK15-EPO	Thapsigargin 72h	CBR3 |CBR3
G3H942	3	3	7.55322504	0.002972	1.8	SK15-EPO	Thapsigargin 72h	Histone deacetylase |HDAC1
G3IEK1	3	3	6.688440204	0.001266	1.7	SK15-EPO	Thapsigargin 72h	Arp2/3 complex 34 kDa subunit |ARPC2
G3H4E0	3	3	10.55827546	8.77E-05	2.5	SK15-EPO	Thapsigargin 48h	Bone marrow stromal antigen 2 |BST2
G3H3P1	3	3	9.330358505	0.002145	1.9	Thapsigargin 72h	SK15-EPO	RAB18 |RAB18
G3I0C0	3	3	9.066843748	0.010699	3.5	Thapsigargin 72h	SK15-EPO	60S ribosomal protein L10 |RPL10
G3H5W5	3	3	8.365844488	0.002071	1.5	SK15-EPO	Thapsigargin 72h	LIM and SH3 domain protein 1 |LASP1
G3I1X8	3	3	10.58520341	0.002456	2.5	SK15-EPO	Thapsigargin 48h	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1 |GNB1
G3HDR3	3	3	8.226325989	0.022496	1.5	Thapsigargin 72h	SK15-EPO	T-complex protein 1 subunit delta |CCT4

G3HC01	3	3	11.46486735	0.000583	1.8	SK15-EPO	Thapsigargin 72h	Tropomyosin alpha-3 chain |TPM3
G3IH46	3	3	24.17776394	0.001598	3.7	SK15-EPO	Thapsigargin 72h	Prothymosin alpha |PTMA
G3HV16	3	3	8.383604765	0.016590	1.8	Thapsigargin 72h	SK15-EPO	Niban-like protein 1 |
G3HK56	3	3	13.67519951	7.74E-06	2.4	SK15-EPO	Thapsigargin 48h	Lysosome-associated membrane glycoprotein 1 |LAMP1
G3IKH9	3	3	11.48760748	0.002194	2.1	Thapsigargin 48h	SK15-EPO	Phosphoserine aminotransferase |PSAT1
D5FGC9	3	3	13.74236321	2.92E-07	15.4	SK15-EPO	Thapsigargin 72h	RNA-binding motif 3 |
G3H154	3	3	11.8545357	0.000758	2.1	Thapsigargin 72h	SK15-EPO	Histone H2A |H2AFY
G3H8H7	3	3	7.802659035	2.35E-05	3.2	SK15-EPO	Thapsigargin 48h	DnaJ homolog subfamily C member 10 |DNAJC10
G3HFM0	3	3	8.579283237	2.58E-08	5.4	Thapsigargin 24h	SK15-EPO	Monoacylglycerol lipase ABHD6 |ABHD6
G3GTY6	3	3	8.140240908	1.94E-05	2.7	SK15-EPO	Thapsigargin 72h	Structural maintenance of chromosomes protein 2 |SMC2
G3HKF3	3	3	10.66488266	0.000698	2.5	SK15-EPO	Thapsigargin 72h	Ankycorbin |RAI14
G3HKY4	3	3	13.6208086	0.001478	2.3	Thapsigargin 24h	Thapsigargin 72h	Plasma membrane calcium-transporting ATPase 1 |

G3IC73	3	3	8.32238 4834	0.00 0818 8	1.7	SK15-EPO	Thapsigargin 48h	Chloride channel CLIC-like protein 1 |CLCC1
G3HPU1	3	3	10.7059 7959	1.79 E-06	6.1	SK15-EPO	Thapsigargin 48h	Aspartyl/asparaginyl beta-hydroxylase (Fragment) |ASPH
G3HGS0	3	3	11.7963 0947	0.00 0505	2.6	Thapsigargin 72h	Thapsigargin 24h	Citrate lyase subunit beta-like protein, mitochondrial |CLYBL
G3H6A7	3	3	9.13360 7864	7.63 E-05	3.1	SK15-EPO	Thapsigargin 72h	Putative global transcription activator SNF2L4 |SMARCA2
G3HVF4	3	3	12.3697 5145	0.00 0185 7	15.3	Thapsigargin 72h	SK15-EPO	WD repeat and SOF domain-containing protein 1 |DCAF13
G3HJZ2	3	3	8.23479 2829	0.00 0377 4	19.4	SK15-EPO	Thapsigargin 72h	MURC |CAVIN4
G3HX93	3	3	8.09478 3306	0.00 1964	2.9	Thapsigargin 24h	SK15-EPO	CCAAT/enhancer-binding protein zeta |CEBPZ
G3GV81	3	3	8.00657 2485	3.31 E-07	2.2	SK15-EPO	Thapsigargin 48h	Glycerol-3-phosphate dehydrogenase [NAD(+)] |GPD1L
G3I7H7	3	3	8.71635 3655	2.09 E-05	2.3	Thapsigargin 24h	Thapsigargin 48h	Acyl-CoA dehydrogenase family member 9, mitochondrial |ACAD9
G3I2F8	3	3	9.85394 8832	0.00 0143 8	2.8	SK15-EPO	Thapsigargin 72h	U4/U6.U5 tri-snRNP-associated protein 1 |SART1
G3GZR1	3	3	10.6086 446	0.00 5271 2	13.2	Thapsigargin 72h	SK15-EPO	Aspartyl-tRNA synthetase, cytoplasmic |DARS
G3IKQ7	3	3	9.69383 7881	0.00 0343 1	4.5	Thapsigargin 24h	SK15-EPO	Ribosomal RNA processing protein 1-like A |RRP1
G3I1W1	3	3	14.1694 3431	1.70 E-05	1.7	Thapsigargin 72h	SK15-EPO	Synapse-associated protein 1 |SYAP1

G3I7Q5	3	3	7.708306551	0.000115	9	1.7	Thapsigargin 48h	SK15-EPO	Zinc finger protein ZPR1 |ZPR1
G3I0G1	3	3	10.3980335	0.000486	7	2.6	Thapsigargin 72h	SK15-EPO	Transcription factor BTF3 |BTF3
G3H5A7	3	3	11.08179045	6.63E-05		3.2	SK15-EPO	Thapsigargin 72h	Tight junction protein ZO-1 |TJP1
Q06950	3	3	9.911946297	7.72E-05		13.9	Thapsigargin 72h	SK15-EPO	Carbamoyl-phosphate synthase (Glutamine-hydrolysing) (Aspartate carbamoyltransferase) (Dihydroorotase) (Fragment) |CAD
G3HWD9	3	3	8.795218945	2.22E-05		9.0	Thapsigargin 72h	SK15-EPO	Galectin |LGALS8
G3GU75	3	3	10.28218031	0.001359	3	3.3	Thapsigargin 72h	Thapsigargin 24h	Translational activator GCN1 |GCN1
G3IEH3	3	3	9.756534815	9.28E-05		4.8	Thapsigargin 48h	SK15-EPO	Elongation factor Tu GTP-binding domain-containing protein 1 |EFL1
G3GXH4	3	3	10.19155788	2.12E-07		9.1	SK15-EPO	Thapsigargin 72h	Cell division protein kinase 6 |CDK6
G3GXG4	3	3	9.387044072	3.18E-05		21.5	SK15-EPO	Thapsigargin 72h	Lanosterol 14-alpha demethylase |CYP51A1
G3HK76	3	3	7.659448266	0.000404999		3.9	Thapsigargin 72h	SK15-EPO	LETM1 and EF-hand domain-containing protein 1, mitochondrial (Fragment) |LETM1
G3HH79	3	3	10.15599227	0.002952		4.8	Thapsigargin 48h	SK15-EPO	Zinc finger CCCH-type antiviral protein 1 |ZC3HAV1
G3HHX0	3	3	10.62933421	0.000299	1	1.9	Thapsigargin 24h	Thapsigargin 72h	Interleukin-6 receptor subunit beta |IL6ST

G3H0V2	3	3	12.92751288	0.000868 3	1.5	SK15-EPO	Thapsigargin 72h	Tumor suppressor p53-binding protein 1 |TP53BP1
G3I9B1	3	3	12.57872081	0.000101	45.0	SK15-EPO	Thapsigargin 24h	MCFD2 |
G3HGW6	3	3	8.923905611	1.72E-08	248.2	SK15-EPO	Thapsigargin 24h	Laminin subunit alpha-5 |LAMA5
G3GVV6	3	3	7.314581752	7.75E-06	15.7	SK15-EPO	Thapsigargin 72h	Ras and Rab interactor 2 |RIN2
G3HQ97	3	3	12.45400882	8.41E-07	4.5	SK15-EPO	Thapsigargin 48h	Golgi integral membrane protein 4 |GOLIM4
G3H8Y5	3	3	9.259927511	0.003138 3	Infinity	SK15-EPO	Thapsigargin 24h	Collagen alpha-1(VI) chain |
G3HUC2	3	3	9.176123381	0.000121 6	16.4	SK15-EPO	Thapsigargin 72h	A-kinase anchor protein 2 |AKAP2
G3HBQ0	3	3	10.95588684	0.000486 8	3.4	Thapsigargin 72h	SK15-EPO	Transducin beta-like protein 3 |TBL3
G3HWX6	3	3	8.126681089	3.91E-06	164.6	Thapsigargin 72h	SK15-EPO	Tetratricopeptide repeat protein 17 |TTC17
G3IBB9	3	3	7.030903339	0.000121 1	2.5	SK15-EPO	Thapsigargin 48h	Nodal modulator 1 (Fragment) |NOMO1
G3IAY3	3	3	8.248440027	0.004921	2.7	Thapsigargin 48h	Thapsigargin 24h	SEC23-interacting protein |SEC23IP
G3HUQ1	3	3	8.913971901	0.000800 4	3.0	SK15-EPO	Thapsigargin 48h	Protein unc-84-like A |SUN1

G3HKU4	3	3	7.921548009	0.000237	2.5	Thapsigargin 24h	SK15-EPO	Cirhin |UTP4
G3HMI3	3	3	7.261636734	1.61E-07	196.2	Thapsigargin 72h	SK15-EPO	Semaphorin-3C |SEMA3C
G3H393	3	3	6.469820789	0.000309	4.5	SK15-EPO	Thapsigargin 72h	Inverted formin-2 |INF2
G3H8A6	3	3	9.473030329	0.000152	2.4	Thapsigargin 24h	Thapsigargin 72h	Protein VPRBP |DCAF1
Q60459	3	3	8.38264966	7.27E-06	3.2	SK15-EPO	Thapsigargin 72h	UBF1 protein |
G3I2N0	3	3	8.020976305	0.000635	2.2	Thapsigargin 72h	Thapsigargin 48h	Inhibitor of nuclear factor kappa-B kinase-interacting protein |IKBIP
G3IMK2	3	3	9.574350834	8.00E-07	6.5	SK15-EPO	Thapsigargin 72h	Tight junction protein ZO-2 |TJP2
G3GYJ5	3	3	10.14717579	1.37E-05	2.6	SK15-EPO	Thapsigargin 72h	Cytoskeleton-associated protein 5 |CKAP5
G3HUE5	3	3	11.60138178	1.00E-05	3.3	SK15-EPO	Thapsigargin 72h	PBDC1 |PBDC1
G3HS21	3	3	7.07106483	3.54E-05	1.9	Thapsigargin 72h	SK15-EPO	GTP:AMP phosphotransferase AK3, mitochondrial |AK3
G3HFH8	3	3	8.466864109	0.000164	2.1	Thapsigargin 24h	SK15-EPO	EBNA1BP2 |EBNA1BP2
G3HI59	3	3	8.243885279	0.000278	2.6	SK15-EPO	Thapsigargin 48h	Short-chain specific acyl-CoA dehydrogenase |ACADS
G3H3B1	3	3	9.324574947	5.61E-06	3.5	SK15-EPO	Thapsigargin 72h	Metastasis-associated protein MTA1 |MTA1

G3I2D8	3	3	9.39593 9589	0.00 0295 4	1.7	SK15-EPO	Thapsigargin 72h	Band 4.1-like protein 2 |EPB41L2
G3I3H0	3	3	8.36860 8475	0.00 0101	2.3	SK15-EPO	Thapsigargin 48h	Glutamate carrier 1 |SLC25A22
G3HVD1	3	3	12.1660 111	0.00 1524 8	4.4	SK15-EPO	Thapsigargin 72h	Uncharacterized protein |CTBP2
G3H0F1	3	3	8.51800 108	2.08 E-05	2.0	Thapsigargin 48h	Thapsigargin 24h	Alpha-mannosidase 2C1 |MAN2C1
G3H5K6	3	3	9.31913 7096	0.00 6439 8	3.1	Thapsigargin 72h	SK15-EPO	Pyruvate dehydrogenase E1 component subunit alpha |PDHA1
G3HS69	3	3	7.61931 777	0.00 2001 4	2.0	Thapsigargin 72h	SK15-EPO	DnaJ-like subfamily A member 3, mitochondrial |DNAJA3
G3GXQ3	3	3	9.58288 3596	0.00 0692 7	2.1	Thapsigargin 72h	Thapsigargin 48h	Trifunctional enzyme subunit alpha, mitochondrial |HADHA
G3H229	3	3	11.0018 4631	0.00 5315 2	2.5	Thapsigargin 24h	Thapsigargin 72h	GMP synthase [glutamine-hydrolyzing] |GMPS
G3H1Y2	3	3	10.7652 5259	8.45 E-05	1.8	Thapsigargin 24h	Thapsigargin 72h	YTH domain family protein 2 |YTHDF2
G3HDZ2	3	3	8.78973 8655	8.08 E-05	8.6	Thapsigargin 24h	SK15-EPO	Interferon-related developmental regulator 1 |IFRD1
G3I9X6	3	3	9.86229 7297	3.74 E-06	2.2	SK15-EPO	Thapsigargin 72h	Spectrin alpha chain, brain |SPTAN1
G3I4B9	3	3	9.22115 7551	1.02 E-06	2.5	SK15-EPO	Thapsigargin 72h	Mps one binder kinase activator-like 1A |MOB1A

G3IL48	3	3	7.57436 0847	0.00 3118 8	1.6	Thapsigargin 72h	Thapsigargin 24h	Protein transport protein Sec31A |SEC31A
G3H8Z9	3	3	9.96695 2801	0.00 0255 4	3.0	SK15-EPO	Thapsigargin 48h	Sodium/potassium-transporting ATPase subunit alpha |ATP1A1
G3HI03	3	3	12.1886 9185	0.00 1476 4	1.6	Thapsigargin 24h	SK15-EPO	U4/U6 small nuclear ribonucleoprotein Prp4 |PRPF4
G3IE E6	3	3	12.8721 7855	0.00 1259 1	8.6	Thapsigargin 48h	SK15-EPO	Spermidine synthase |SRM
G3G R73	3	3	10.0896 1749	0.00 3993 6	4.8	Thapsigargin 72h	SK15-EPO	Rab GDP dissociation inhibitor |GDI2
G3IJ B6	3	3	7.81264 6985	4.88 E-05	2.3	Thapsigargin 48h	SK15-EPO	Protein RCC2 |RCC2
G3H 7A8	3	3	12.1196 8946	0.01 2317 1	2.8	Thapsigargin 72h	SK15-EPO	Kinectin |KTN1
G3H RE2	3	3	12.0387 9023	0.00 0483 8	3.7	SK15-EPO	Thapsigargin 72h	Apoptotic chromatin condensation inducer in the nucleus |ACIN1
G3H AN3	3	3	7.46990 4661	8.45 E-06	3.2	SK15-EPO	Thapsigargin 48h	RNA-binding protein Raly |RALY
G3H 4X0	3	3	12.3543 9396	0.01 3361 1	2.4	Thapsigargin 72h	Thapsigargin 24h	LanC-like protein 1 (Fragment) |ACADL
G3H 110	3	3	10.5255 9352	5.68 E-05	3.2	Thapsigargin 72h	SK15-EPO	Calcium-binding protein p22 |CHP

G3G UU4	3	3	11.4818 6255	0.00 0741 5	2.9	Thapsigargi n 24h	SK15-EPO	mRNA-decapping enzyme 1A |
G3H R05	3	3	9.52457 571	0.00 0780 5	2.1	SK15-EPO	Thapsigargi n 72h	Condensin complex subunit 3 |NCAPG
G3IG 20	3	3	7.31286 8595	6.49 E-06	2.5	SK15-EPO	Thapsigargi n 72h	Protein unc-45-like A |UNC45A
G3I0 Q7	3	3	12.1787 8079	0.00 1618 8	3.5	Thapsigargi n 72h	Thapsigargi n 24h	Myosin-VI |MYO6
G3G UB4	3	3	9.97993 4692	4.87 E-06	11.7	SK15-EPO	Thapsigargi n 72h	Histone acetyltransferase type B catalytic subunit |HAT1
G3G ZB2	3	3	8.10821 2233	8.12 E-07	3.5	SK15-EPO	Thapsigargi n 48h	Acid ceramidase |ASAH1
G3G RB9	3	3	9.88036 7517	0.00 0349 3	1.8	Thapsigargi n 72h	Thapsigargi n 48h	Melanoma inhibitory activity protein 3 |BROX
G3I5 Z8	3	3	7.42758 2741	0.00 2999 8	4.7	Thapsigargi n 48h	Thapsigargi n 24h	Proteasome-associated protein ECM29-like |ECM29
G3H PZ6	3	3	10.5325 5486	6.23 E-05	2.5	SK15-EPO	Thapsigargi n 24h	ELMO domain-containing protein 3 |TTGN1
G3H KY3	3	3	10.8214 8743	0.00 0127 6	2.7	SK15-EPO	Thapsigargi n 48h	Plasma membrane calcium-transporting ATPase 1 |ATP2B1
G3H NF0	3	3	8.57190 0129	0.00 3036 1	1.6	Thapsigargi n 24h	SK15-EPO	RNA-binding protein 25 |RBM25
G3H NI7	3	3	6.72927 928	4.29 E-05	15.6	SK15-EPO	Thapsigargi n 72h	Lymphokine-activated killer T-cell-originated protein kinase |

G3ICL7	3	3	7.92815 28	0.00 1893 7	4.0	Thapsigargin 72h	Thapsigargin 24h	Voltage-gated potassium channel subunit beta-2 |KCNAB2
G3IBT1	3	3	9.44107 2702	2.86 E-05	1.7	SK15-EPO	Thapsigargin 72h	Pre-mRNA-processing factor 6 |PRPF6
G3HV92	3	3	9.74054 1458	9.67 E-05	2.7	Thapsigargin 72h	SK15-EPO	DKC1 |DKC1
G3INM4	3	3	15.5907 7597	7.17 E-07	4.5	SK15-EPO	Thapsigargin 48h	H-2 class I histocompatibility antigen, L-D alpha chain |H2-L
G3IJ02	3	3	11.5464 375	0.01 0821 3	1.7	Thapsigargin 48h	Thapsigargin 72h	Leucine-rich repeat flightless-interacting protein 1 |LRRFIP1
G3I3B7	3	3	11.6645 7677	2.58 E-05	3.9	SK15-EPO	Thapsigargin 72h	Ribonucleoside-diphosphate reductase |RRM1
G3H5L5	3	3	8.26524 806	5.55 E-05	2.6	Thapsigargin 72h	SK15-EPO	Non-specific serine/threonine protein kinase |RPS6KA3
G3HZY1	3	3	10.8759 2983	0.00 0200 9	2.1	Thapsigargin 72h	SK15-EPO	RuvB-like helicase |RUVBL2
G3HH30	2	1	5.22070 5748	0.00 0130 4	1.7	Thapsigargin 72h	Thapsigargin 24h	Aldose reductase |AKR1B1
G3H7X9	2	2	6.41400 0273	0.00 7232 1	3.7	Thapsigargin 72h	Thapsigargin 24h	Nicastrin |NCSTN
G3HII2	2	2	6.08629 775	0.00 1512 1	4.3	SK15-EPO	Thapsigargin 48h	Transmembrane and TPR repeat-containing protein 3 |TMTC3
G3H2K3	2	2	6.35438 8714	0.00 6827 9	4.3	SK15-EPO	Thapsigargin 72h	Oxysterol-binding protein |OSBPL3

G3H X09	2	2	8.03865 1228	9.49 E-05	8.2	SK15-EPO	Thapsigargin 72h	Peptidylprolyl isomerase |
G3H BR9	2	2	6.91382 9327	0.00 5901 7	2.6	Thapsigargin 24h	SK15-EPO	Putative RNA-binding protein Luc7-like 1 |LUC7L
G3H C67	2	2	6.93554 1868	7.47 E-06	5518.4	SK15-EPO	Thapsigargin 72h	Cyclin-dependent kinases regulatory subunit |
G3IK A3	2	2	7.17302 9661	0.00 0470 5	4.1	Thapsigargin 72h	SK15-EPO	Perilipin |PLIN2
G3H M24	2	2	6.32706 4753	0.00 0119 6	28.3	SK15-EPO	Thapsigargin 72h	Serine/threonine-protein kinase Nek7 |NEK7
G3II Y3	2	2	3.98310 1845	5.90 E-05	3.3	SK15-EPO	Thapsigargin 72h	Beta-arrestin-1 |ARRB1
G3I3 B6	2	2	4.92342 186	1.76 E-05	3.1	SK15-EPO	Thapsigargin 48h	Stromal interaction molecule 1 |STIM1
G3H CI7	2	2	6.63077 4975	0.00 0620 3	2.8	Thapsigargin 24h	SK15-EPO	Scaffold attachment factor B2 |SAFB2
G3H RN5	2	2	5.87083 8165	5.13 E-05	4.2	Thapsigargin 72h	Thapsigargin 48h	SPRY domain-containing protein 4 |
G3IP B8	2	2	7.03239 3694	0.00 0337 8	4.3	SK15-EPO	Thapsigargin 72h	SWI/SNF-related matrix-associated actin-dependent regulator chromatin subfamily E member 1 (Fragment) |
G3H GI3	2	2	6.93528 7952	0.00 0952 9	2.8	Thapsigargin 24h	Thapsigargin 72h	PHD finger protein 6 |PHF6
G3G UQ7	2	2	4.69656 1098	0.00 2460 9	5.0	Thapsigargin 72h	SK15-EPO	EMG1 |EMG1

G3I2W3	2	2	5.87374 8064	4.16 E-08	37.8	SK15-EPO	Thapsigargin 72h	Lipase maturation factor |LMF2
G3H3E3	2	2	6.02411 6278	0.00 0118 6	9.0	SK15-EPO	Thapsigargin 48h	CANT1 |
G3HJN1	2	2	8.06802 5589	0.00 0245 6	22.4	Thapsigargin 24h	SK15-EPO	Calcium-binding and coiled-coil domain-containing protein 2 |CALCOCO2
G3H397	2	2	5.70841 1694	3.14 E-06	11.7	SK15-EPO	Thapsigargin 72h	Non-specific serine/threonine protein kinase |AKT1
G3GTU1	2	2	6.04269 3615	8.58 E-06	8.2	SK15-EPO	Thapsigargin 72h	DNA ligase |LIG3
G3H7B6	2	2	9.40652 5612	0.00 4826 6	158.3	Thapsigargin 24h	Thapsigargin 72h	WD repeat and HMG-box DNA-binding protein 1 |WDHD1
G3H092	2	2	8.39893 0073	2.33 E-09	Infinity	Thapsigargin 72h	SK15-EPO	Coiled-coil domain-containing protein 80 |CCDC80
G3IK12	2	2	5.56980 5384	0.00 0173 9	5.2	Thapsigargin 72h	Thapsigargin 48h	Long-chain-fatty-acid--CoA ligase 3 |ACSL3
G3HDT0	2	2	7.73436 4271	0.00 4369 8	Infinity	SK15-EPO	Thapsigargin 72h	Histone H2B |H2B1_PONAB
G3I4P1	2	2	5.81662 9171	4.97 E-07	80.8	SK15-EPO	Thapsigargin 72h	Breast cancer anti-estrogen resistance protein 1 |BCAR1
G3H7B2	2	2	7.41897 8453	0.00 1519 9	Infinity	SK15-EPO	Thapsigargin 72h	Disks large-associated protein 5 |DLGAP5
G3HNC3	2	2	4.84042 8352	0.00 2199 5	2.3	Thapsigargin 48h	SK15-EPO	Transcription factor E3 |TFE3

G3IC53	2	2	7.77997 0646	6.29 E-06	6.6	Thapsigargin 24h	Thapsigargin 72h	Nucleoporin 50 kDa |NUP50
G3HXT1	2	2	6.41704 9646	0.00 2879 6	3.7	Thapsigargin 48h	SK15-EPO	ADP-ribosylation factor GTPase-activating protein 3 |ARFGAP3
G3I7N8	2	2	6.26091 7664	4.03 E-06	4.1	Thapsigargin 72h	SK15-EPO	Cutaneous T-cell lymphoma-associated antigen 5-like |MIA2
G3I9L7	2	2	6.40801 0244	6.44 E-05	12.0	Thapsigargin 72h	Thapsigargin 24h	EGF-containing fibulin-like extracellular matrix protein 1 |EFEMP1
G3H4A5	2	2	5.55274 9634	0.00 6203 3	136.2	Thapsigargin 48h	SK15-EPO	U6 snRNA-associated Sm-like protein LSm4 |LSM4
G3IG31	2	2	5.72918 5343	0.00 0302 5	2.8	SK15-EPO	Thapsigargin 72h	Protein FAM40A |STRIP1
G3HWW6	2	2	7.10752 8925	0.00 0277 1	5.2	Thapsigargin 72h	SK15-EPO	Pre-mRNA-splicing factor SYF1 |XAB2
G3H509	2	2	7.09339 3803	0.00 0348 8	4.5	Thapsigargin 72h	Thapsigargin 24h	Vacuolar protein sorting-associated protein 13C |VPS13C
G3GYS0	2	2	5.75786 1614	2.83 E-05	307.4	SK15-EPO	Thapsigargin 72h	Kinesin-like protein |KIF2C
G3I8V9	2	2	5.63121 3903	0.00 0238 6	2.2	SK15-EPO	Thapsigargin 72h	DnaJ-like subfamily A member 1 |DNAJA1
G3ICD3	2	2	4.44515 5978	6.63 E-07	3.9	SK15-EPO	Thapsigargin 48h	Lactadherin |MFGE8
G3GRU9	2	2	7.74671 0062	0.00 017	2.3	Thapsigargin 24h	SK15-EPO	Large neutral amino acids transporter small subunit 1 |SLC7A5

G3GWC4	2	2	7.13394022	0.005507	1.6	Thapsigargin 24h	SK15-EPO	GrpE protein homolog |
G3HKQ7	2	2	8.816494942	0.000937	8.3	Thapsigargin 48h	Thapsigargin 24h	Microtubule-associated protein |MAP4
G3IC16	2	2	4.484925747	0.000791	2.1	SK15-EPO	Thapsigargin 24h	Cysteine-rich with EGF-like domain protein 2 |CRELD2
G3GYJ1	2	2	4.951948166	0.002952	1.9	SK15-EPO	Thapsigargin 24h	Rho GTPase-activating protein 1 |ARHGAP1
G3I2Q4	2	2	5.843306541	0.000120	2.0	Thapsigargin 72h	SK15-EPO	NEDD8-conjugating enzyme Ubc12 |UBE2M
G3IP00	2	2	4.374831676	0.000987	1.6	Thapsigargin 72h	Thapsigargin 48h	Succinyl-CoA ligase [ADP-forming] subunit beta, mitochondrial |SUCLA2
G3IBY4	2	2	10.89533401	0.002188	5.6	Thapsigargin 48h	SK15-EPO	Plastin-3 |PLS3
G3H2P1	2	2	4.253648162	1.17E-07	5.5	SK15-EPO	Thapsigargin 24h	F-box/LRR-repeat protein 2 |CRTAP
G3GYL3	2	2	9.029551983	0.001659	1.7	Thapsigargin 24h	Thapsigargin 48h	NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial |
G3GTU8	2	2	6.985129237	0.001222	1.7	Thapsigargin 24h	Thapsigargin 72h	Notchless protein-like 1 |NLE1
G3HES3	2	2	7.245719433	0.010641	4.5	SK15-EPO	Thapsigargin 72h	Exportin-2 |CSE1L

G3GRG9	2	2	4.93295 2881	5.79 E-05	3.5	SK15-EPO	Thapsigargin 72h	Ras GTPase-activating protein-binding protein 1 |G3BP1
G3HN14	2	2	9.96785 6646	0.00 0751 9	170.3	Thapsigargin 72h	SK15-EPO	Transitional endoplasmic reticulum ATPase |PIGO
G3H3X1	2	2	5.63619 9236	3.75 E-05	2.3	Thapsigargin 72h	SK15-EPO	Apoptosis-inducing factor 1 |AIFM1
G3HLK3	2	2	4.51609 0631	3.16 E-06	8.5	Thapsigargin 72h	Thapsigargin 24h	Granulins |
G3IB53	2	2	8.86089 7541	4.44 E-05	3.1	SK15-EPO	Thapsigargin 48h	Golgi-associated plant pathogenesis-related protein 1 |GLIPR2
G3H134	2	2	8.04017 2338	0.00 0592 7	1.8	Thapsigargin 24h	SK15-EPO	MKI67 FHA domain-interacting nucleolar phosphoprotein |NIFK
G3HAR2	2	2	8.25899 9825	0.00 0390 2	3.8	Thapsigargin 48h	SK15-EPO	CPNE1 |RBM12
G3IGS8	2	2	6.34318 3994	7.87 E-05	1.7	Thapsigargin 48h	SK15-EPO	Serrate RNA effector molecule-like |SRRT
G3HAF4	2	2	6.26075 0532	0.00 4204 6	2.5	SK15-EPO	Thapsigargin 72h	Splicing factor 3B subunit 3 |SF3B3
G3H289	2	2	4.09013 7124	0.00 0579	1.6	SK15-EPO	Thapsigargin 48h	Aldehyde dehydrogenase, mitochondrial |ALDH2
Q3HR12	2	2	5.57117 7721	0.00 2044 1	2.4	SK15-EPO	Thapsigargin 48h	Guanine nucleotide binding protein alpha inhibiting 3 |GNAI3
G3H6K2	2	2	5.97077 5604	0.00 0747 1	1.8	SK15-EPO	Thapsigargin 24h	Rho guanine nucleotide exchange factor 6 |ARHGEF6

G3I7M5	2	2	8.846366367	0.000646	1.8	Thapsigargin 72h	Thapsigargin 48h	Calcium-transporting ATPase |ATP2A2
G3H3Y8	2	2	7.822528601	0.001392	1.7	Thapsigargin 72h	Thapsigargin 48h	60S ribosomal protein L32 |
G3I9S3	2	2	6.789495707	0.000841	1.8	Thapsigargin 72h	Thapsigargin 48h	60S ribosomal protein L7a |RPL7A
G3GUQ8	2	2	6.048278093	0.002832	1.8	Thapsigargin 72h	Thapsigargin 48h	Lysophospholipid acyltransferase 5 |LPCAT3
G3GRX4	2	2	4.873689413	0.000149	1.8	SK15-EPO	Thapsigargin 24h	Coactosin-like protein |
G3HNP6	2	2	14.488966813	0.000696	7.3	Thapsigargin 72h	SK15-EPO	26S protease regulatory subunit 6B (Fragment) |
G3HXL6	2	2	11.604800094	0.000452	2.2	SK15-EPO	Thapsigargin 24h	Annexin |ANXA4
G3H8M2	2	2	5.045382023	0.000443	3.3	SK15-EPO	Thapsigargin 72h	Protein quaking (Fragment) |QKI
G3HSM3	2	2	4.414102554	0.000240	1.7	SK15-EPO	Thapsigargin 72h	Thimet oligopeptidase |THOP1
G3I505	2	2	6.915361643	0.000471	1.9	Thapsigargin 48h	SK15-EPO	Eukaryotic translation initiation factor 3 subunit L |EIF3L
G3GZQ8	2	2	6.042593718	0.000832	1.6	Thapsigargin 72h	Thapsigargin 48h	UBX domain-containing protein 4 |UBXN4

G3H RC5	2	2	6.64646 554	9.64 E-05	2.2	SK15-EPO	Thapsigargi n 48h	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit DAD1 |DAD1
G3I6 75	2	2	4.53672 6952	7.66 E-05	2.2	Thapsigargi n 24h	Thapsigargi n 72h	Erythropoietin |
G3H P08	2	2	8.16155 6721	0.00 2801 5	9.9	SK15-EPO	Thapsigargi n 72h	AP-1 complex subunit beta-1 |AP1B1
G3G ZP1	2	2	5.47060 7758	0.00 5250 1	5.1	Thapsigargi n 24h	Thapsigargi n 72h	Pre-mRNA branch site protein p14 |
G3H QH1	2	2	5.21130 5618	0.00 4378 1	2.0	SK15-EPO	Thapsigargi n 72h	Cold shock domain-containing protein E1 (Fragment) |CSDE1
G3G UC8	2	2	6.22240 0427	0.00 4708 7	3.6	Thapsigargi n 48h	SK15-EPO	Obg-like ATPase 1 |OLA1
G3I1 32	2	2	5.20314 9319	0.00 2363 5	1.9	SK15-EPO	Thapsigargi n 72h	Acetoacetyl-CoA synthetase |AACS
G3H Q99	2	2	5.31751 5612	0.00 2323 9	3.3	SK15-EPO	Thapsigargi n 72h	Programmed cell death protein 10 |PDCD10
G3IF A9	2	2	3.96182 7755	7.15 E-06	1.9	SK15-EPO	Thapsigargi n 72h	Transcription elongation factor B polypeptide 2 |ELOB
G3H SW2	2	2	9.22575 2831	0.00 3845 6	3.0	Thapsigargi n 48h	SK15-EPO	Uncharacterized protein |NAA10
G3H 584	2	2	8.71806 6692	0.00 0179 6	3.6	Thapsigargi n 24h	SK15-EPO	SPARC |
G3H 1B3	2	2	5.51171 8273	2.69 E-05	1.7	SK15-EPO	Thapsigargi n 48h	Lamin-L(I) |LMNB1

G3H303	2	2	7.91279 5305	0.00 8019 4	12.2	Thapsigargin 48h	SK15-EPO	Proteasome subunit beta |
G3H NN8	2	2	5.82420 1345	0.00 2347	2.9	SK15-EPO	Thapsigargin 48h	Long-chain-fatty-acid--CoA ligase 4 |ACSL4
G3H T41	2	2	5.05463 8863	0.00 0105 6	2.7	SK15-EPO	Thapsigargin 72h	Abl interactor 1 |ABI1
G3IC H6	2	2	4.45625 7105	0.00 3591 4	1.5	SK15-EPO	Thapsigargin 48h	Calcium-binding mitochondrial carrier protein SCaMC-1 |SLC25A24
G3H ZA3	2	2	8.72492 075	4.66 E-05	3.6	SK15-EPO	Thapsigargin 72h	Inhibitor of nuclear factor kappa-B kinase subunit alpha |ERLIN1
G3ID 18	2	2	5.90141 1295	0.00 0145 2	2.9	Thapsigargin 48h	SK15-EPO	Protein SDA1 |SDAD1
G3H 7I9	2	2	5.91909 7185	0.00 1468 2	1.8	SK15-EPO	Thapsigargin 48h	Torsin-1A-interacting protein 1 |TOR1AIP1
G3I M70	2	2	5.01550 2691	8.06 E-08	5.2	SK15-EPO	Thapsigargin 72h	Ubiquitin-associated and SH3 domain-containing protein B |
G3H E38	2	2	5.94236 7554	0.00 8648 3	4.4	Thapsigargin 48h	SK15-EPO	Protein arginine N-methyltransferase 3 |PRMT3
G3H UM5	2	2	6.30456 4476	0.00 0230 6	1.8	SK15-EPO	Thapsigargin 72h	SUMO-activating enzyme subunit 2 |GPI
G3I0 11	2	2	6.92148 1609	0.00 6417 1	148.6	Thapsigargin 48h	SK15-EPO	60S ribosome subunit biogenesis protein NIP7-like |NIP7

G3I620	2	2	7.013352394	0.016321 6	3.9	Thapsigargin 48h	SK15-EPO	Aspartyl aminopeptidase |DNPEP
G3HF68	2	2	6.478284836	1.44E-05	14.7	SK15-EPO	Thapsigargin 72h	Cold-inducible RNA-binding protein |
G3HP80	2	2	6.250546217	0.039100 7	3.6	Thapsigargin 48h	SK15-EPO	SEC22B |SEC22B
G3IAP8	2	2	7.134069204	0.000847 9	3.6	Thapsigargin 72h	SK15-EPO	Dehydrogenase/reductase SDR family member 7 | DHRS7
G3HEN3	2	2	9.044281244	0.028352 1	1.5	SK15-EPO	Thapsigargin 72h	Protein HIRA |HIRA
G3HKP3	2	2	8.215021372	0.004136 2	2.6	Thapsigargin 24h	Thapsigargin 48h	Cytochrome b-c1 complex subunit 1, mitochondrial |UQCRC1
G3H5A6	2	2	4.509166241	6.08E-06	2.2	Thapsigargin 72h	SK15-EPO	Ferritin heavy chain |
G3HEA9	2	2	8.027312994	0.000496 1	2.3	Thapsigargin 72h	Thapsigargin 48h	Minor histocompatibility antigen H13 |HM13
G3H2C9	2	2	8.548758507	0.002051 2	1.9	SK15-EPO	Thapsigargin 24h	S-phase kinase-associated protein 1 |SKP1
G3H6H1	2	2	6.413360357	0.000244 4	2.0	SK15-EPO	Thapsigargin 48h	Arylacetamide deacetylase-like 1 |NCEH1
G3HD84	2	2	9.283651352	0.001559 8	1.9	Thapsigargin 72h	SK15-EPO	3-hydroxyisobutyrate dehydrogenase |

G3H450	2	2	5.95589239	6.74E-05	2.7	Thapsigargin 72h	Thapsigargin 48h	Isocitrate dehydrogenase [NAD] subunit, mitochondrial |IDH3B
G3HTM8	2	2	5.94999273	4.23E-05	2.1	Thapsigargin 72h	Thapsigargin 48h	Transmembrane emp24 domain-containing protein 7 |TMED7
G3GSY1	2	2	5.23624515	0.003606	1.8	SK15-EPO	Thapsigargin 48h	Sodium/potassium-transporting ATPase subunit beta |ATP1B3
G3GRW2	2	2	7.52880479	0.000203	2.8	SK15-EPO	Thapsigargin 72h	EMC8 |
Q60456	2	2	7.66280794	3.67E-05	9.3	SK15-EPO	Thapsigargin 72h	Tubulin beta chain (Fragment) |TUBB6
G3HN72	2	2	9.42451143	0.003513	8.3	Thapsigargin 72h	SK15-EPO	Microtubule-actin cross-linking factor 1, isoform 4 |MACF1
G3GX38	2	2	4.30849146	0.002910	3.5	SK15-EPO	Thapsigargin 72h	Uncharacterized protein |
G3HBL0	2	2	6.51151537	0.002511	2.2	Thapsigargin 48h	SK15-EPO	mRNA export factor |RAE1
G3H375	2	2	4.61586284	0.000273	2.3	Thapsigargin 48h	SK15-EPO	Eukaryotic translation initiation factor 5 |EIF5
G3HLX5	2	2	8.12397646	1.33E-05	2.6	Thapsigargin 48h	SK15-EPO	Bifunctional coenzyme A synthase |COASY
G3HUU6	2	2	6.39560627	0.000101	2.2	SK15-EPO	Thapsigargin 72h	Protein S100 |S100A11
G3GZZ0	2	2	6.97796165	0.005631	2.5	Thapsigargin 48h	SK15-EPO	Aspartate aminotransferase |GOT1

G3GYR9	2	2	7.303107023	0.001434	1.7	Thapsigargin 72h	SK15-EPO	40S ribosomal protein S8 |RPS8
G3I277	2	2	6.801938772	0.001295	1.6	Thapsigargin 72h	SK15-EPO	Dihydrolipoyl dehydrogenase |DLD
G3HBG5	2	2	8.832575083	0.021747	4.0	Thapsigargin 48h	Thapsigargin 24h	26S protease regulatory subunit 4 |PSMC1
G3H7U0	2	2	7.669814587	0.008968	7.8	Thapsigargin 72h	SK15-EPO	3-hydroxyacyl-CoA dehydrogenase type-2 |HSD17B10
G3HJ91	2	2	9.964421272	0.000133	4.1	Thapsigargin 72h	SK15-EPO	Peptidyl-tRNA hydrolase 2, mitochondrial |PTRH2
G3H1N7	2	2	7.137863874	0.004993	1.6	Thapsigargin 24h	Thapsigargin 72h	Splicing factor, arginine/serine-rich 5 |SRSF4
G3I4E8	2	2	7.717093229	0.000733	1.9	Thapsigargin 24h	SK15-EPO	Fatty acid-binding protein, adipocyte |FABP4
G3H6Y6	2	2	8.30551815	0.000861	1.8	Thapsigargin 48h	SK15-EPO	NSFL1 cofactor p47 |NSFL1C
G3I0H2	2	2	8.95083952	0.000516	2.9	Thapsigargin 72h	SK15-EPO	40S ribosomal protein S4 |RPS4
G3I0D8	2	2	5.754760146	0.003917	1.7	SK15-EPO	Thapsigargin 48h	NADH-cytochrome b5 reductase |CYB5R3
G3HM03	2	2	9.220176697	0.006478	2.3	Thapsigargin 72h	Thapsigargin 24h	Synaptic vesicle membrane protein VAT-1-like |VAT1

G3H MB4	2	2	7.20658 5407	0.01 0765 8	2.4	Thapsigargin 72h	SK15-EPO	2-oxoglutarate dehydrogenase E1 component, mitochondrial |OGDH
G3I5 Q9	2	2	5.88888 6213	0.00 0720 1	1.6	SK15-EPO	Thapsigargin 48h	Ras-related protein Rab-11B |RAB11B
G3IL H7	2	2	6.25813 8895	0.00 1832	1.6	Thapsigargin 48h	SK15-EPO	26S proteasome non-ATPase regulatory subunit 1 |PSMD1
G3H AE3	2	2	8.77139 7829	0.00 6346 2	2.6	Thapsigargin 72h	SK15-EPO	ATP synthase subunit alpha, mitochondrial |ATP5A1
G3IH 96	2	2	10.4550 4689	0.00 4646 4	2.6	Thapsigargin 48h	SK15-EPO	Eukaryotic translation initiation factor 4B |EIF4B
G3H CW9	2	2	8.43786 4065	0.00 0112 9	2.4	SK15-EPO	Thapsigargin 72h	PRDX2 |PRDX2
G3HI Q1	2	2	6.96678 8769	0.00 3850 4	1.9	SK15-EPO	Thapsigargin 72h	Peptidyl-prolyl cis-trans isomerase |PPIA
G3I3 H2	2	2	6.85627 3413	0.00 0157 7	12.8	Thapsigargin 72h	Thapsigargin 24h	60S acidic ribosomal protein P2 |RPLP2
G3H DT6	2	2	6.62796 0682	0.00 2248 5	1.9	Thapsigargin 24h	Thapsigargin 72h	Histone H2A type 1 |H2AC11
G3H C31	2	2	12.9243 2046	0.00 0596 6	4.5	SK15-EPO	Thapsigargin 72h	Protein S100 |S100A6
G3H 6S8	2	2	8.16885 5429	0.00 2704 2	1.8	Thapsigargin 48h	SK15-EPO	Inorganic pyrophosphatase |PPA1

G3IPB5	2	2	11.69941735	0.000253	4	2.0	Thapsigargin 24h	Thapsigargin 72h	Pre-mRNA-processing-splicing factor 8 |PRPF8
G3IB71	2	2	6.190446377	0.002764	4	1.7	SK15-EPO	Thapsigargin 72h	Glutaminyl-tRNA synthetase |QARS
G3HCK7	2	2	5.937627865	0.001105	3	2.2	Thapsigargin 48h	SK15-EPO	General transcription factor IIF subunit 1 |GTF2F1
G3HRT6	2	2	6.648005486	1.03E-05		84.5	SK15-EPO	Thapsigargin 72h	Solute carrier family 12 member 1 |DUT
G3IDC2	2	2	5.63525629	0.000299	5	2.9	SK15-EPO	Thapsigargin 72h	Heat shock cognate 71 kDa protein |HSPA8
G3GU76	2	2	7.642353296	0.011078	1	5.7	Thapsigargin 48h	SK15-EPO	60S acidic ribosomal protein P0 |RPLP0
G3H7Z2	2	2	5.607399702	6.65E-06		2.3	SK15-EPO	Thapsigargin 72h	Transgelin |TAGLN2
G3IH36	2	2	10.27769685	7.59E-05		2.0	SK15-EPO	Thapsigargin 72h	Small ubiquitin-related modifier |SUMO2
G3IGL0	2	2	11.14493442	0.001240	9	1.9	Thapsigargin 24h	Thapsigargin 72h	Putative heterogeneous nuclear ribonucleoprotein A1-like protein 3 |HNRNPA1
G3GYZ1	2	2	7.696739912	0.000551	4	2.5	SK15-EPO	Thapsigargin 72h	CD44 antigen |CD44
G3HYJ8	2	2	5.144978523	0.001491	5	1.6	Thapsigargin 72h	SK15-EPO	10 kDa heat shock protein, mitochondrial |HSPE1

G3GYD5	2	2	8.41179 7047	0.00 1335 1	2.8	Thapsigargin 72h	SK15-EPO	Complement component 1 Q subcomponent-binding protein, mitochondrial |C1QBP
G3IKS9	2	2	8.70101 6903	0.01 1635 3	2.0	Thapsigargin 72h	Thapsigargin 24h	Glutaredoxin-3 |GLRX3
G3I2I9	2	2	6.60669 7202	0.00 3973 4	5.6	Thapsigargin 72h	SK15-EPO	60S ribosomal protein L3 |RPL3
G3H319	2	2	4.92352 128	6.32 E-05	1.6	SK15-EPO	Thapsigargin 72h	Tubulin-specific chaperone A |TBCA
G3GVT2	2	2	6.54430 3417	0.00 0142 2	2.2	Thapsigargin 24h	Thapsigargin 72h	Far upstream element-binding protein 1 |FUBP1
G3INC8	2	2	9.22911 787	0.00 2989	2.0	SK15-EPO	Thapsigargin 72h	Actin-related protein 2 |
G3I5Z5	2	2	6.30389 7381	0.00 8439 7	5.8	Thapsigargin 72h	Thapsigargin 24h	Prostaglandin reductase 1 |PTGR1
G3H4V1	2	2	4.77002 6326	0.00 1537 7	1.6	SK15-EPO	Thapsigargin 72h	Septin-2 |SEPTIN2
G3HMH7	2	2	8.13146 8058	0.00 0326 1	4.0	SK15-EPO	Thapsigargin 72h	Platelet glycoprotein 4 |CD36
G3HQ05	2	2	5.70882 4039	0.00 0439 7	1.5	Thapsigargin 72h	SK15-EPO	Succinate--CoA ligase [ADP/GDP-forming] subunit alpha, mitochondrial |SUCLG1
G3HE84	2	2	4.41273 0694	0.00 0358 9	2.0	SK15-EPO	Thapsigargin 72h	Microtubule-associated protein RP/EB family member 1 |MAPRE1

G3H YB7	2	2	8.42856 2641	0.00 2380 2	5.5	Thapsigargin 72h	SK15-EPO	T-complex protein 1 subunit eta |CCT7
G3H F46	2	2	4.74445 7245	0.00 1604 7	1.6	Thapsigargin 72h	SK15-EPO	Polypyrimidine tract-binding protein 1 |PTBP1
G3H SW9	2	2	14.0671 6657	0.00 2065 9	7.7	Thapsigargin 72h	SK15-EPO	Isocitrate dehydrogenase [NAD] subunit, mitochondrial |IDH3G
G3IC W1	2	2	4.62786 9129	0.00 0333 6	1.7	SK15-EPO	Thapsigargin 72h	Osteoclast-stimulating factor 1 |OSTF1
G3H 5M8	2	2	6.36756 134	0.00 0331 3	1.9	Thapsigargin 48h	SK15-EPO	HEAT repeat-containing protein 3 |HEATR3
G3I3 G8	2	2	5.90513 1936	0.00 355	1.8	SK15-EPO	Thapsigargin 72h	Transaldolase |TALDO1
G3H R96	2	2	7.20529 2702	0.01 4202 6	1.9	Thapsigargin 48h	Thapsigargin 24h	Bleomycin hydrolase |BLMH
G3IC 99	2	2	7.20012 9986	0.00 2350 9	2.6	SK15-EPO	Thapsigargin 72h	Septin-11 |SEPTIN11
G3H 605	2	2	12.2537 7464	0.00 1502 8	2.2	SK15-EPO	Thapsigargin 72h	Heterogeneous nuclear ribonucleoprotein H2 |HNRNPH1
G3H NJ3	2	2	7.51983 881	0.00 7463	2.2	Thapsigargin 72h	Thapsigargin 24h	Clusterin |CLU
G3H M97	2	2	6.04594 8744	0.00 5524 6	2.7	SK15-EPO	Thapsigargin 72h	Ubiquitin-conjugating enzyme E2 D4 |

G3GVB5	2	2	5.24257 8983	0.00 5112 5	1.9	SK15-EPO	Thapsigargin 72h	Ras-related C3 botulinum toxin substrate 1 |RAC1
G3HLZ2	2	2	6.86413 6934	0.00 1488 6	2.7	Thapsigargin 24h	Thapsigargin 72h	Proteasome activator complex subunit 3 |
G3I783	2	2	8.97508 812	0.00 0714 4	1.9	SK15-EPO	Thapsigargin 72h	Heterogeneous nuclear ribonucleoprotein D-like |HNRNPDL
G3IJ99	2	2	7.66343 6651	0.00 3859 2	1.8	Thapsigargin 72h	SK15-EPO	ATP-binding cassette sub-family D member 3 (Fragment) |ABCD3
G3GY22	2	2	5.41637 3968	0.00 0974 7	1.6	Thapsigargin 72h	Thapsigargin 48h	Ras-related protein Rap-1b |RAB3D
G3H2H5	2	2	5.61613 965	0.00 0946 9	1.6	Thapsigargin 72h	Thapsigargin 48h	Acetyltransferase component of pyruvate dehydrogenase complex |DLAT
G3I5H1	2	2	7.16159 3437	0.00 4615 8	2.9	Thapsigargin 48h	Thapsigargin 24h	Glutathione S-transferase A4 |GSTA3
G3HW57	2	2	6.29718 5898	2.50 E-05	3.9	SK15-EPO	Thapsigargin 72h	Cell division protein kinase 4 |CDK4
G3HK00	2	2	7.61683 7263	0.01 011	2.5	Thapsigargin 72h	SK15-EPO	Guanine nucleotide-binding protein subunit beta-2-like 1 |RACK1
G3I3F3	2	2	6.99675 2024	4.28 E-07	1.7	Thapsigargin 72h	Thapsigargin 24h	Ribonuclease inhibitor |RNH1
G3HA24	2	2	11.3976 779	0.00 2216 6	2.5	SK15-EPO	Thapsigargin 72h	Heat shock protein beta-1 (Fragment) |HSPB1

G3I7M2	2	2	5.86796999	0.000276 9	1.7	Thapsigargin 72h	SK15-EPO	Elongation factor Tu |TUFM
G3GUP7	2	2	7.109504223	0.003219	1.6	Thapsigargin 48h	Thapsigargin 24h	Ubiquitin carboxyl-terminal hydrolase |USP5
G3H298	2	2	7.471692085	0.002184	2.0	SK15-EPO	Thapsigargin 48h	Serine/threonine-protein phosphatase |PPP1CC
G3GZ26	2	2	6.350964785	0.000753 9	4.1	SK15-EPO	Thapsigargin 48h	LYR motif-containing protein 4 |
G3I9X3	2	2	5.86324501	0.001165 2	3.4	Thapsigargin 48h	Thapsigargin 72h	Protein SET |
G3HIC5	2	2	7.44908309	0.000180 1	7.8	Thapsigargin 72h	SK15-EPO	RuvB-like helicase |RUVBL1
G3HFY3	2	2	4.408758402	0.005581 3	1.8	SK15-EPO	Thapsigargin 72h	Mitogen-activated protein kinase 1 |MAPK1
G3H0Q0	2	2	8.531380892	0.003401	2.1	Thapsigargin 72h	Thapsigargin 24h	40S ribosomal protein S6 |RPS6
G3I8K9	2	2	7.978587151	0.000779 9	14.6	Thapsigargin 48h	SK15-EPO	Signal recognition particle 54 kDa protein |SRP54
G3IHY5	2	2	5.643831968	0.030164 5	2.6	Thapsigargin 48h	SK15-EPO	6-phosphogluconate dehydrogenase, decarboxylating |PGD
G3HTL1	2	2	7.909822464	7.30E-05	3.8	Thapsigargin 24h	SK15-EPO	Spermatogenesis-associated protein 5 |SPATA5
G3IB76	2	2	8.814235687	0.003233 5	1.6	SK15-EPO	Thapsigargin 24h	WD repeat-containing protein 6 |WDR6

G3H834	2	2	4.875879765	0.000415	1.6	Thapsigargin 48h	SK15-EPO	General transcription factor IIF subunit 2 |GTF2F2
G3II52	2	2	6.845596552	0.001999	2.5	Thapsigargin 72h	SK15-EPO	Oxysterol-binding protein (Fragment) |OSBP
G3I732	2	2	4.918909431	0.000135	2.8	SK15-EPO	Thapsigargin 72h	DNA polymerase |POLD1
G3HIT8	2	2	8.780235291	0.001669	3.4	Thapsigargin 24h	Thapsigargin 72h	28S ribosomal protein S27, mitochondrial |MRPS27
G3GZD2	2	2	6.869213104	0.026712	12.5	Thapsigargin 48h	Thapsigargin 24h	Phosphoglucomutase-1 |PGM1
G3IBK3	2	2	9.126964569	0.002016	2.2	SK15-EPO	Thapsigargin 72h	Emerin |EMD
G3IJ36	2	2	7.751950979	0.001070	3.1	Thapsigargin 24h	Thapsigargin 48h	Nucleolar complex protein 2-like |NOC2L
G3I5S9	2	2	6.000652075	3.04E-05	4.0	SK15-EPO	Thapsigargin 72h	Pleckstrin-likey-like domain family B member 1 |PHLDB1
G3HRM7	2	2	5.373806715	2.42E-05	4.8	SK15-EPO	Thapsigargin 72h	DNA primase |PRIM1
G3I2F6	2	2	7.593497753	3.45E-08	12.2	Thapsigargin 24h	Thapsigargin 72h	Putative RNA-binding protein EIF1AD |
G3GSG4	2	2	5.367692947	4.38E-07	8.0	SK15-EPO	Thapsigargin 48h	Renin receptor |ATP6AP2
G3H4M6	2	2	5.265376806	0.002516	3.2	Thapsigargin 72h	SK15-EPO	Neurolysin, mitochondrial |NLN

G3IDS3	2	2	8.75382328	7.78E-06	2.4	SK15-EPO	Thapsigargin 72h	Putative helicase MOV-10 |MOV10
Q80Z93	2	2	7.17323 5178	3.73E-08	6.1	Thapsigargin 24h	Thapsigargin 72h	Gap junction protein |GJA1
G3HRQ3	2	2	4.08575 6898	1.03E-05	2.9	SK15-EPO	Thapsigargin 72h	SWI/SNF complex subunit SMARCC2 |SMARCC1
G3HW50	2	2	7.47772 9559	2.27E-05	2.4	SK15-EPO	Thapsigargin 72h	Phosphatidylinositol-5-phosphate 4-kinase type-2 gamma (Fragment) |PIP4K2C
G3H3Y6	2	2	6.63348 6986	0.028653	3.0	Thapsigargin 24h	Thapsigargin 72h	RNA-binding protein 10 |RBM10
G3HZP7	2	2	6.25199 5087	0.000741 8	4.3	SK15-EPO	Thapsigargin 72h	DNA primase large subunit |PRIM2
G3HE04	2	2	9.27440 2618	0.000802 52	1.9	Thapsigargin 24h	Thapsigargin 72h	Splicing factor 3A subunit 3 |SF3A3
G3H7U7	2	2	5.46268 5823	0.001208	2.4	SK15-EPO	Thapsigargin 48h	Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial |ETFDH
G3H2P6	2	2	8.95307 0641	7.15E-05	3.3	Thapsigargin 72h	SK15-EPO	Cytoplasmic dynein 1 light intermediate chain 1 |DYNC1LI1
G3HJV5	2	2	6.77491 6649	0.000531 9	3.5	Thapsigargin 72h	SK15-EPO	Nuclear pore complex protein Nup155 |NUP155
G3IJJ7	2	2	7.55346 2029	2.53E-05	4.4	SK15-EPO	Thapsigargin 72h	Phosphomannomutase |
G3IBW2	2	2	5.53490 1857	0.000191 2	2.2	Thapsigargin 24h	Thapsigargin 48h	Cytochrome c oxidase assembly protein COX15-like |COX15
G3IHN4	2	2	5.90230 7749	0.001170 2	2.3	Thapsigargin 24h	SK15-EPO	WD repeat-containing protein 74 |WDR74

G3H746	2	2	7.46120 8344	9.00 E-06	2.4	SK15-EPO	Thapsigargin 48h	LNPEP |LNPEP
G3HEJ1	2	2	6.37759 5901	0.00 0179 2	6.4	SK15-EPO	Thapsigargin 72h	Neuroplastin |NPTN
G3HA21	2	2	4.19965 5771	6.01 E-06	2.3	Thapsigargin 72h	SK15-EPO	NADPH--cytochrome P450 reductase |POR
G3HLU1	2	2	7.05707 0732	0.00 0254 5	Infinity	SK15-EPO	Thapsigargin 48h	Ubiquitin-conjugating enzyme E2 C |
G3IK30	2	2	7.33454 895	0.00 1181 7	1101.8	Thapsigargin 72h	SK15-EPO	Glycerol-3-phosphate acyltransferase 3 |GPAT3
G3HXN7	2	2	4.90490 2935	0.00 0253 4	3.5	SK15-EPO	Thapsigargin 48h	Beta-hexosaminidase |HEXB
G3H6B4	2	2	6.42707 181	7.00 E-05	4.5	Thapsigargin 48h	SK15-EPO	Queuine tRNA-ribosyltransferase |QTRT1
G3HLG7	2	2	6.17567 4677	0.00 4841 7	3.7	SK15-EPO	Thapsigargin 72h	PDCL |
G3HI57	2	2	5.91934 1326	0.00 0115 9	3.1	Thapsigargin 72h	Thapsigargin 48h	Malectin |MLEC
G3H6Z8	2	2	5.94243 6457	0.00 0128 9	4.2	SK15-EPO	Thapsigargin 48h	Adipocyte plasma membrane-associated protein |APMAP
G3HKR3	2	2	5.32293 3912	1.25 E-05	2.0	Thapsigargin 48h	SK15-EPO	Tyrosine-protein phosphatase non-receptor type 23 |PTPN23
G3H8F4	2	2	8.15811 6579	1.47 E-06	8.0	SK15-EPO	Thapsigargin 48h	DAG1 |DAG1

G3H4Y6	2	2	5.30967362	0.000799 5	4.1	Thapsigargin 72h	SK15-EPO	WD repeat-containing protein 89 |
G3IC31	2	2	5.17787 9333	0.001797 7	5.9	SK15-EPO	Thapsigargin 72h	26S proteasome non-ATPase regulatory subunit 10 |
G3HMG4	2	2	6.04976 1772	5.16E-06	7.6	SK15-EPO	Thapsigargin 24h	Amyloid beta A4 protein |APP
G3HFP8	2	2	5.25402 8082	5.13E-05	16.8	SK15-EPO	Thapsigargin 24h	KDEL motif-containing protein 2 |KDELC2
G3IL63	2	2	10.5159 2875	4.81E-05	5.8	SK15-EPO	Thapsigargin 72h	Caspase-7 |CASP7
G3GVD7	2	2	7.90842 2947	0.003561 7	25.8	Thapsigargin 72h	SK15-EPO	WD repeat domain phosphoinositide-interacting protein 2 |WIPI2
G3I0Q8	2	2	5.04656 148	0.001194	3.8	Thapsigargin 72h	Thapsigargin 24h	Myosin-VI |MYO6
G3I412	2	2	7.29964 7331	5.77E-06	20.2	SK15-EPO	Thapsigargin 24h	45 kDa calcium-binding protein |
G3I0F7	2	2	5.04736 0897	0.000190 7	3.1	SK15-EPO	Thapsigargin 48h	Alpha-galactosidase |NAGA
G3H9N7	2	2	7.09935 689	7.29E-06	6.4	SK15-EPO	Thapsigargin 72h	Elongator complex protein 2 |ELP2
G3I075	2	2	6.88373 4941	0.003241	4.6	Thapsigargin 72h	SK15-EPO	L-asparaginase |ASRGL1
G3I4B6	2	2	5.70962 9536	0.001889 4	3.2	Thapsigargin 24h	Thapsigargin 48h	G-rich sequence factor 1 |GRSF1
G3HWD4	2	2	4.72300 3864	0.002328 8	2.2	Thapsigargin 72h	Thapsigargin 24h	Methionine synthase |MTR

G3I8X2	2	2	4.17036 3426	2.76 E-05	4.8	Thapsigargin 72h	Thapsigargin 48h	Long-chain-fatty-acid--CoA ligase 1 |ACSL1
G3GSJ8	2	2	7.32094 2879	0.00 0150 1	3.7	SK15-EPO	Thapsigargin 72h	Disks large-like 1 |DLG1
G3H402	2	2	6.71384 5968	6.09 E-06	24.6	SK15-EPO	Thapsigargin 72h	Tensin-1 |
G3HLP3	2	2	6.12036 8242	0.00 1462 7	2.4	SK15-EPO	Thapsigargin 72h	Replication factor C subunit 2 |RFC2
G3GVJ0	2	2	8.84176 5881	0.00 5520 1	5.6	Thapsigargin 72h	SK15-EPO	Aldehyde dehydrogenase |ALDH3A2
G3IF65	2	2	8.19834 3277	1.01 E-06	25.5	Thapsigargin 72h	SK15-EPO	Ankyrin-2 |ANK2
G3GTN1	2	2	6.43648 7436	0.00 2483 8	2.1	SK15-EPO	Thapsigargin 48h	Protein mago nashi-like |MAGOH
G3GR69	2	2	5.80715 2748	2.66 E-06	2.0	SK15-EPO	Thapsigargin 72h	Splicing factor 45 |
G3I2S4	2	2	5.99157 6672	6.72 E-05	11.4	Thapsigargin 72h	SK15-EPO	3,2-trans-enoyl-CoA isomerase, mitochondrial |ECI1
G3H633	2	2	6.88388 3715	0.00 1248 4	2.5	Thapsigargin 24h	Thapsigargin 72h	SNW domain-containing protein 1 |SNW1
G3HF38	2	2	9.72275 1141	0.00 0137 1	3.7	Thapsigargin 24h	Thapsigargin 48h	Basigin |BSG
G3GX17	2	2	4.72170 9371	0.00 2051 8	14.8	SK15-EPO	Thapsigargin 48h	Polypeptide N-acetylgalactosaminyltransferase |GALNT2

G3HTY0	2	2	5.53274884	0.001973 4	1.8	Thapsigargin 48h	SK15-EPO	Ubiquitin-conjugating enzyme E2 O |UBE2O
G3HUX9	2	2	5.59852457	0.000163 6	5.0	Thapsigargin 72h	Thapsigargin 48h	Very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase |HACD3
G3HQ88	2	2	7.22496 7718	0.000157 9	2.3	SK15-EPO	Thapsigargin 48h	Bcl-2-like protein 13 |BCL2L13
G3H3H6	2	2	4.66304 5645	6.52 E-06	3.6	Thapsigargin 72h	Thapsigargin 48h	ADP-ribosylation factor-like protein 8A |Arl8a
G3I8P7	2	2	6.58468 771	5.00 E-05	2.5	SK15-EPO	Thapsigargin 24h	N-acetylglucosamine-6-sulfatase |
G3GZH1	2	2	5.20485 9495	5.69 E-05	3.9	Thapsigargin 72h	SK15-EPO	Ubiquitin-like modifier-activating enzyme 5 |
C0SSX9	2	2	6.23028 9459	0.001692 4	2.3	SK15-EPO	Thapsigargin 48h	ILK |ILK
G3I1F9	2	2	6.36406 2071	1.47 E-05	8.4	SK15-EPO	Thapsigargin 72h	Chromosome-associated kinesin KIF4 |KIF3A
G3HMX7	2	2	5.99974 7753	0.000361 7	6.1	SK15-EPO	Thapsigargin 72h	Polyadenylate-binding protein-interacting protein 1 |PAIP1
G3HXV9	2	2	4.52729 3324	0.005066 4	1.8	SK15-EPO	Thapsigargin 48h	Golgi-specific brefeldin A-resistance guanine nucleotide exchange factor 1 |GBF1
G3I7E2	2	2	6.12823 2241	5.98 E-05	7.9	SK15-EPO	Thapsigargin 72h	Focal adhesion kinase 1 |PTK2
G3HKQ8	2	2	4.65113 8663	9.97 E-05	1.7	Thapsigargin 24h	SK15-EPO	Putative ATP-dependent RNA helicase DHX30 |DHX30

G3GYR1	2	2	7.57281 4941	0.00 5408 6	7.3	Thapsigargin 48h	SK15-EPO	Putative E3 ubiquitin-protein ligase HECTD3 |EIF2B3
G3HMB1	2	2	5.92382 2641	2.31 E-05	2.2	Thapsigargin 24h	SK15-EPO	DDX56 |DDX56
G3I3Y5	2	2	6.05813 0264	0.02 1904	3.3	SK15-EPO	Thapsigargin 48h	NADH dehydrogenase [ubiquinone] flavoprotein 1, mitochondrial |NDUFV1
G3H873	2	2	7.72571 4922	0.00 4429 6	1.9	Thapsigargin 48h	Thapsigargin 72h	ELKS/RAB6-interacting/CAST family member 1 |ERC1
G3HTU8	2	2	5.67790 1506	0.00 0806 8	1.6	SK15-EPO	Thapsigargin 72h	Galactokinase |GALK1
G3HBI1	2	2	9.64391 7799	0.00 0316 9	3.6	SK15-EPO	Thapsigargin 24h	Peroxidasin-like |PXDN
G3IEG2	2	2	6.05036 1395	0.00 1256 8	49.2	Thapsigargin 72h	Thapsigargin 24h	Serpin B6 |SERPINB6
G3H897	2	2	7.53986 0964	0.00 2288 6	2.0	Thapsigargin 24h	SK15-EPO	RRP9 |RRP9
G3H511	2	2	4.58943 3551	3.62 E-05	2.3	SK15-EPO	Thapsigargin 72h	Tropomyosin alpha-1 chain |
G3I4U4	2	2	5.66291 3084	0.00 0895 4	2.5	Thapsigargin 24h	Thapsigargin 48h	DnaJ-like subfamily C member 11 |DNAJC11
G3ID08	2	2	7.97892 2129	0.03 1394	1.9	Thapsigargin 24h	Thapsigargin 48h	Putative pre-mRNA-splicing factor ATP-dependent RNA helicase DHX15 |DHX15
G3IKY8	2	2	4.93652 7729	0.00 0310 6	2.2	Thapsigargin 24h	SK15-EPO	Bystin |

G3I1E0	2	2	8.867207205	0.000238	4	2.3	Thapsigargin 72h	SK15-EPO	Propionyl-CoA carboxylase beta chain, mitochondrial |PCCB
G3I2M2	2	2	5.654084993	0.000226	7	2.4	Thapsigargin 48h	SK15-EPO	Phosphoserine phosphatase |
G3GZU9	2	2	4.793528557	0.000219	4	2.0	SK15-EPO	Thapsigargin 48h	Transmembrane 9 superfamily member |TM9SF3
G3HGS2	2	2	5.647936583	0.000630	7	2.2	Thapsigargin 72h	SK15-EPO	Propionyl-CoA carboxylase alpha chain, mitochondrial |PCCA
G3HKA5	2	2	6.70173192	0.002413	9	1.6	Thapsigargin 72h	SK15-EPO	Sorting nexin-2 |SNX2
G3HZE9	2	2	8.943238974	0.015139	6	2.8	SK15-EPO	Thapsigargin 72h	Valyl-tRNA synthetase |VARS
G3I4K5	2	2	6.3487854	0.002005	6	1.9	Thapsigargin 24h	Thapsigargin 72h	RNA-binding protein 14 |RBM14
G3I5B3	2	2	7.735205173	0.001864	9	1.9	SK15-EPO	Thapsigargin 72h	Serine/threonine-protein phosphatase 6 regulatory subunit 3 |PPP6R3
G3IBJ1	2	2	5.781242132	0.008591	6	4.0	Thapsigargin 72h	Thapsigargin 24h	Dynamin-1 |
G3HFW9	2	2	7.449404716	0.000578	2	2.1	SK15-EPO	Thapsigargin 72h	Sorting nexin |SNX9

G3H9F5	2	2	5.323376656	0.002964	1	2.3	SK15-EPO	Thapsigargin 72h	Elongator complex protein 1 |ELP1
G3GU92	2	2	7.600690365	0.016895	5	6.7	Thapsigargin 24h	Thapsigargin 72h	Lupus La protein-like |SSB
G3I3B3	2	2	6.73390007	0.000850	6	2.0	Thapsigargin 24h	Thapsigargin 72h	Nuclear pore complex protein Nup98-Nup96 |NUP98
G3HED4	2	2	6.805647254	0.007768	4	2.3	SK15-EPO	Thapsigargin 48h	Transmembrane emp24 domain-containing protein 5 |TMED5
G3I1D5	2	2	4.10801959	0.00024		2.1	SK15-EPO	Thapsigargin 48h	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 5 |NDUFB5
G3IG95	2	2	6.711125851	0.002102	9	1.9	Thapsigargin 24h	SK15-EPO	Deoxynucleotidyltransferase terminal-interacting protein 2 |DNTTIP2
G3GVQ7	2	2	6.857577967	0.001312	3	1.7	Thapsigargin 72h	Thapsigargin 48h	Phytanoyl-CoA dioxygenase, peroxisomal |PHYH
G3GRM7	2	2	6.296384573	0.001857		2.0	SK15-EPO	Thapsigargin 72h	Myosin-Ie |MYO1E
G3HMA9	2	2	8.903967381	2.55E-05		1.7	SK15-EPO	Thapsigargin 72h	NudC domain-containing protein 3 |NUDCD3
G3HFY6	2	2	16.25170851	8.37E-05		3.1	SK15-EPO	Thapsigargin 48h	Stromal cell-derived factor 2-like protein 1 |SDF2L1
G3HWD7	2	2	6.722691298	7.19E-06		4.4	Thapsigargin 24h	SK15-EPO	Uncharacterized protein |HEATR1
G3HWX8	2	2	4.305039525	0.002751	3	1.8	Thapsigargin 72h	Thapsigargin 48h	Estradiol 17-beta-dehydrogenase 12 |HSD17B12

G3HUN1	2	2	6.24113 9412	0.00 9833 4	24.7	Thapsigargin 48h	SK15-EPO	Ubiquitin carboxyl-terminal hydrolase |UCHL5
G3I936	2	2	4.26730 0487	4.23 E-06	5.4	SK15-EPO	Thapsigargin 72h	Epididymal secretory protein E1 |NPC2
G3I9M1	2	2	5.40619 6356	0.00 0578	3.5	SK15-EPO	Thapsigargin 48h	Signal peptidase complex catalytic subunit SEC11 |SEC11A
G3ICG9	2	2	3.90249 9318	0.00 0554 2	1.9	SK15-EPO	Thapsigargin 48h	Atlastin-3 |ATL3
G3HPT1	2	2	5.96904 0155	0.00 1625 4	4.2	SK15-EPO	Thapsigargin 72h	Cytochrome c oxidase subunit 6B1 |COX6B1
G3HA69	2	2	6.53772 974	0.00 0309 5	2.3	Thapsigargin 24h	Thapsigargin 48h	Nuclear pore complex protein Nup205 |NUP205
G3HG36	2	2	8.78627 0142	0.00 3593 2	3.4	SK15-EPO	Thapsigargin 72h	Glutamine synthetase |GLUL
G3H283	2	2	6.83953 3091	0.00 2672 8	2.7	Thapsigargin 48h	SK15-EPO	Uncharacterized protein |NAA25
G3HHD8	2	2	4.69623 6372	0.00 0695	2.0	Thapsigargin 24h	Thapsigargin 72h	Serine/threonine-protein kinase VRK1 |VRK1
G3IGI5	2	2	7.18255 5914	0.00 3284 3	2.0	Thapsigargin 24h	Thapsigargin 72h	Pumilio domain-containing protein KIAA0020-like |PUM3
G3GVY7	2	2	6.36496 2101	0.00 0356 9	2.6	SK15-EPO	Thapsigargin 72h	Nardilysin |NRDC

G3HPL6	2	2	5.793326855	0.000135883	3.0	SK15-EPO	Thapsigargin 72h	BAT2 domain-containing protein 1 |PRRC2C
G3I4B7	2	2	8.508288383	0.000251999	2.3	Thapsigargin 24h	SK15-EPO	Something about silencing protein 10 |UTP3
G3GY70	2	2	6.071578026	0.000262334	1.7	Thapsigargin 48h	SK15-EPO	Fragile X mental retardation syndrome-related protein 2 |FXR1
G3GTV9	2	2	8.133589029	0.000089199	1.9	SK15-EPO	Thapsigargin 72h	VPS26B |VPS26B
G3I886	2	2	6.971979618	0.000154383	2.1	SK15-EPO	Thapsigargin 72h	TRM112-like protein |
G3IDB0	2	2	9.592573166	0.000313522	2.6	SK15-EPO	Thapsigargin 48h	Sidoreflexin |SFXN3
G3HAH3	2	2	9.554774284	0.000292588	2.0	Thapsigargin 24h	Thapsigargin 48h	Dihydroorotate dehydrogenase (quinone), mitochondrial |DHODH
G3IDN7	2	2	5.747104883	0.016807575	7.7	Thapsigargin 72h	Thapsigargin 24h	Protein FAM3C |FAM3C
G3HMG5	2	2	7.394163847	0.000322355	2.6	SK15-EPO	Thapsigargin 72h	GA-binding protein alpha chain |GABPA
G3H9D1	2	2	4.523049235	0.000452488	1.9	SK15-EPO	Thapsigargin 24h	Acetyl-CoA carboxylase 1 |ACACA
G3I4H1	2	2	6.09997201	8.36E-05	4.3	SK15-EPO	Thapsigargin 24h	Mitogen-activated protein kinase |MAPK1

G3I710	2	2	9.085350513	0.001031	3	2.0	SK15-EPO	Thapsigargin 48h	AP-2 complex subunit alpha |AP2A1
G3HEP7	2	2	6.283701658	0.040644	3	2.3	Thapsigargin 24h	Thapsigargin 48h	COMT |COMT
G3IDF9	2	2	8.345288515	9.79E-05		3.0	Thapsigargin 24h	Thapsigargin 48h	Cytochrome c heme lyase |HCCS
G3GXG0	2	2	6.118756771	2.21E-05		2.6	SK15-EPO	Thapsigargin 72h	CUL1 |CUL1
G3IN81	2	2	8.155143738	6.08E-05		2.1	SK15-EPO	Thapsigargin 72h	Uncharacterized protein C10orf78-like |SFR1
G3GY78	2	2	8.522795677	7.37E-05		3.0	Thapsigargin 24h	Thapsigargin 72h	DNA-directed RNA polymerase subunit |POLR2A
G3H6L8	2	2	6.531431913	7.15E-05		2.2	Thapsigargin 24h	Thapsigargin 72h	Centrosomal protein of 170 kDa |CEP170
G3GWN4	2	2	6.333517075	0.000123	3	2.2	Thapsigargin 72h	SK15-EPO	Poly(A)-specific ribonuclease PARN |PARN
G3HG40	2	2	8.867855072	0.002852	5	4.8	Thapsigargin 48h	SK15-EPO	Eukaryotic translation initiation factor 2A |EIF2A
G3HQI8	2	2	4.325984001	0.003841	3	2.8	SK15-EPO	Thapsigargin 48h	Myosin-Vb |ACAA2
G3I717	2	2	5.501455784	4.01E-05		3.1	Thapsigargin 72h	SK15-EPO	TBC1 domain family member 17 |TBC1D17
G3I5V6	2	2	9.666434288	0.002299	1	4.8	Thapsigargin 24h	Thapsigargin 72h	Mitotic checkpoint protein BUB3 |BUB3

Q1ERS4	2	2	5.820662975	0.006208	50.7	Thapsigargin 48h	SK15-EPO	CRILO Dynamin-like protein 1 |DNM1L
G3I6F9	2	2	4.145362973	0.000434	3.1	SK15-EPO	Thapsigargin 72h	EH domain-containing protein 1 |EHD1
G3H7Y4	2	2	4.846127987	1.15E-05	3.0	SK15-EPO	Thapsigargin 72h	Astrocytic phosphoprotein PEA-15 |PEA15
G3HVB8	2	2	5.933042049	0.018524	1.9	SK15-EPO	Thapsigargin 24h	Platelet-activating factor acetylhydrolase IB subunit alpha |PAFAH1B1
G3HD44	2	2	5.504997492	0.000687	2.1	SK15-EPO	Thapsigargin 72h	Vacuolar protein sorting-associated protein 4B (Fragment) |VPS4B
G3GUS6	2	2	5.791100979	0.004893	2.3	Thapsigargin 48h	SK15-EPO	2',5'-phosphodiesterase 12 |PDE12
G3I142	2	2	6.953421116	6.24E-05	2.0	Thapsigargin 24h	Thapsigargin 72h	Splicing factor 3 subunit 1 |SF3A1
G3GYD3	2	2	6.571067572	9.73E-05	2.5	Thapsigargin 72h	SK15-EPO	Nuclear pore complex protein Nup88 |NUP88
G3HM62	2	2	5.544852734	0.000198	2.1	SK15-EPO	Thapsigargin 48h	Bromodomain-containing protein 4 |BRD4
G3HN13	2	2	7.565688848	0.004203	1.8	Thapsigargin 72h	SK15-EPO	Stomatin-like protein 2 |STOML2
G3HER1	2	2	4.66014576	0.001016	2.6	SK15-EPO	Thapsigargin 48h	Tricarboxylate transport protein, mitochondrial |SLC25A1

G3I6E3	2	2	7.59863 5197	0.00 1755 5	2.5	SK15-EPO	Thapsigargin 72h	Protein lin-7 homolog |
G3IE98	2	2	9.29133 6536	8.08 E-05	2.0	SK15-EPO	Thapsigargin 72h	Arf-GAP domain and FG repeats-containing protein 1 |AGFG1
G3ILW0	2	2	7.02092 1946	0.00 0383 2	2.8	SK15-EPO	Thapsigargin 72h	Serine/threonine-protein kinase PAK 1 |

Table 4. List of DE proteins associated with protein processing in ER for CHO-K1 cells.

Accession	Peptide count	Unique peptides	Confidence score	Anova (p)	Max fold change	Highest mean condition	Lowest mean condition	Description
G3HP69	2	2	9.5	1.71 E-04	1.7	TG 72 hour	TG 24 hour	Calnexin |CANX
G3GXG0	1	1	2.3	2.64 E-04	3.3	CHOK1	TG 72 hour	CULLIN1 |CUL1
G3HTZ9	2	2	6.1	3.79 E-06	974.2	TG 48 hour	CHOK1	Cyclic AMP-dependent transcription factor ATF-6 alpha |ATF6
G3I220	7	7	29.4	2.13 E-05	3.2	CHOK1	TG 48 hour	Cytoskeleton-associated protein 4 |CKAP4
G3I8V9	2	2	3.4	1.57 E-03	1.5	CHOK1	TG 48 hour	DnaJ-like subfamily A member 1 |DNAJA1
G3HYG7	2	2	5.4	4.08 E-04	1.9	CHOK1	TG 24 hour	DnaJ-like subfamily B member 11 |DNAJB11
G3GS78	1	1	2.6	1.44 E-03	3.8	TG 72 hour	TG 24 hour	DnaJ-like subfamily C member 3 |DNAJC3

G3H9T1	2	2	4.6	1.60E-03	2.4	CHOK1	TG 48 hour	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit |DDOST
G3HID0	2	2	3.9	5.84E-04	1.7	TG 72 hour	TG 24 hour	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1 |RPN1
G3HRC5	1	1	3.1	5.35E-03	3.6	CHOK1	TG 24 hour	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit DAD1 |DAD1
G3I7I9	1	1	1.9	9.26E-03	5.2	CHOK1	TG 24 hour	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit STT3A |STT3A
G3H284	5	5	13.6	8.51E-05	2.8	CHOK1	TG 24 hour	Endoplasmic reticulum resident protein 29 |ERP29
G3HQM6	30	30	100.7	1.13E-04	2.9	TG 72 hour	TG 24 hour	Endoplasmin |HSP90AB1
G3H1M4	3	3	6.8	3.91E-04	2.1	TG 72 hour	CHOK1	Eukaryotic translation initiation factor 2 subunit 1 |EIF2S1
G3H697	7	7	20.7	5.51E-06	4.7	CHOK1	TG 24 hour	Glucosidase 2 subunit beta |PRKCSH
G3HIK3	1	1	3.5	1.06E-03	40.7	TG 24 hour	CHOK1	Homocysteine-responsive endoplasmic reticulum-resident ubiquitin-like domain member 1 protein |HERPUD1
G3H177	3	3	8.6	9.06E-06	2.8	CHOK1	TG 48 hour	Vesicular integral-membrane protein VIP36 |LMAN2
G3I7V6	1	1	1.8	4.53E-03	1.8	CHOK1	TG 24 hour	Mannosyl-oligosaccharide glucosidase |MOGS
G3I064	5	5	13.9	2.45E-05	11.1	CHOK1	TG 24 hour	Neutral alpha-glucosidase AB |GANAB
G3H6Y6	3	3	7.5	5.05E-04	1.6	TG 72 hour	CHOK1	NSFL1 cofactor p47 |NSFL1C
G3HH63	1	1	2.5	2.39E-03	5.8	TG 72 hour	TG 24 hour	Phospholipase A-2-activating protein |PLAA
G3H0U6	10	10	24.9	1.21E-05	1.9	TG 72 hour	TG 48 hour	Protein disulfide-isomerase A3 |PDIA3
G3IDT6	30	30	95.0	4.34E-06	2.4	TG 72 hour	CHOK1	Protein disulfide-isomerase A4 |PDIA4

G3HB04	9	9	31.8	1.19E-05	2.7	CHOK1	TG 48 hour	Protein disulfide-isomerase A6 |PDIA6
G3GX44	3	3	9.8	6.31E-05	1.8	TG 72 hour	CHOK1	Protein SEC13-like |SEC13
G3GWP1	1	1	2.3	3.92E-03	1.7	TG 48 hour	TG 72 hour	Protein transport protein Sec24C |SEC24C
G3IK83	1	1	2.7	6.70E-03	152.3	TG 48 hour	CHOK1	Protein transport protein Sec24D |SEC24D
G3IL48	3	3	6.9	2.61E-04	1.6	TG 72 hour	CHOK1	Protein transport protein Sec31A |SEC31A
G3H7H4	1	1	2.1	4.15E-04	2.0	TG 72 hour	TG 24 hour	Protein transport protein Sec61 subunit beta | SEC61B
G3HBU2	1	1	2.7	1.68E-03	2.5	TG 72 hour	CHOK1	STIP1-likey and U box-containing protein 1 | STUB1
G3I877	1	1	2.2	2.58E-03	1.7	TG 72 hour	TG 48 hour	Stress-induced-phosphoprotein 1 |STIP1
G3HN14	3	3	8.5	3.46E-02	2.4	TG 24 hour	TG 72 hour	Transitional endoplasmic reticulum ATPase |VCP
G3HSW8	3	3	8.3	3.98E-04	2.4	TG 72 hour	TG 24 hour	Translocon-associated protein subunit delta |SSR4
G3IJ85	1	1	2.4	1.20E-03	6.0	CHOK1	TG 72 hour	Ubiquitin-conjugating enzyme E2 D3 |UBE2D3
G3H1S2	8	8	17.7	2.75E-05	16.3	CHOK1	TG 48 hour	UDP-glucose:glycoprotein glucosyltransferase 1 |UGGT1

Table 5. List of DE proteins associated with protein processing in ER for CHO DP-12 cells.

Accession	Peptide count	Unique peptides	Confidence score	Anova (p)	Max fold change	Highest mean condition	Lowest mean condition	Description
G3H284	5	4	16.2	7.7E-08	2.9	DP12	Thapsigargin 24h	Endoplasmic reticulum resident protein 29 |ERP29

G3H1S2	19	19	72.7	1.6E-06	12.7	DP12	Thapsigargin 48h	UDP-glucose:glycoprotein glucosyltransferase 1 |UGGT1
G3H697	10	10	44.8	1.6E-06	7.3	DP12	Thapsigargin 24h	Glucosidase 2 subunit beta |PRKCSH
G3H177	5	5	14.7	2.1E-06	2.8	DP12	Thapsigargin 48h	LMAN2 |LMAN2
G3HTZ9	5	5	16.3	3.9E-06	110.6	Thapsigargin 48h	DP12	Cyclic AMP-dependent transcription factor ATF-6 alpha |ATF6
G3I064	15	15	53.9	4.9E-06	6.3	DP12	Thapsigargin 24h	Neutral alpha-glucosidase AB |GANAB
G3IDT6	15	15	48.5	9.7E-06	2.1	Thapsigargin 72h	Thapsigargin 24h	Protein disulfide-isomerase A4 |PDIA4
G3HB04	5	5	20.6	1.2E-05	2.4	DP12	Thapsigargin 24h	Protein disulfide-isomerase A6 |PDIA6
G3H9T1	3	3	9.4	1.3E-05	2.5	DP12	Thapsigargin 72h	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit |DDOST
G3HWE1	1	1	2.4	1.5E-05	8.7	DP12	Thapsigargin 24h	ERO1-like protein beta |ERO1A
G3H8H7	2	2	4.3	2.7E-05	4.4	DP12	Thapsigargin 24h	DnaJ homolog subfamily C member 10 |DNAJC10
G3HQM6	22	22	97.2	4.2E-05	2.4	Thapsigargin 72h	Thapsigargin 24h	Endoplasmin |HSP90AB1
G3I220	12	12	55.8	4.5E-05	3.8	DP12	Thapsigargin 48h	Cytoskeleton-associated protein 4 |CKAP4
G3H0U6	17	17	76.4	6.2E-05	2.8	DP12	Thapsigargin 24h	Protein disulfide-isomerase A3 |PDIA3
G3HZE7	1	1	11.0	2.8E-04	2.7	Thapsigargin 72h	DP12	Heat shock 70 kDa protein 1L | HSPA1L
G3HFL2	1	1	2.9	2.8E-04	4.1	DP12	Thapsigargin 24h	Endoplasmic reticulum lectin 1 |ERLEC1
G3H1M4	2	2	6.4	3.5E-04	1.8	Thapsigargin 72h	DP12	Eukaryotic translation initiation factor 2 subunit 1 |EIF2S1

G3HP69	1	1	4.4	4.6E-04	542.5	Thapsigargin 72h	DP12	Calnexin |CANX
G3HYG7	3	3	11.5	1.1E-03	2.6	DP12	Thapsigargin 24h	DnaJ-like subfamily B member 11 |DNAJB11
G3H6S8	3	3	7.5	1.7E-03	1.6	Thapsigargin 48h	DP12	Inorganic pyrophosphatase |PPA1
G3H6Y6	2	2	6.7	2.4E-03	1.5	Thapsigargin 24h	DP12	NSFL1 cofactor p47 |NSFL1C
G3HH63	1	1	2.2	3.0E-03	1.8	Thapsigargin 72h	DP12	Phospholipase A-2-activating protein |PLAA
G3HID0	1	1	9.9	8.2E-03	16.4	Thapsigargin 48h	Thapsigargin 24h	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1 |RPN1

Table 6. List of DE proteins associated with protein processing in ER for CHO SK15-EPO cells.

Accession	Peptide count	Unique peptides	Confidence score	Anova (p)	Max fold change	Highest mean condition	Lowest mean condition	Description
G3HWE1	1	1	2.9	1.8E-05	3.1	SK15-EPO	Thapsigargin 48h	ERO1-like protein beta |ERO1A
G3GV85	1	1	3.7	3.7E-04	3.7	SK15-EPO	Thapsigargin 48h	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit STT3B |STT3B
G3HSW8	1	1	2.7	3.4E-03	2.0	Thapsigargin 72h	Thapsigargin 48h	Translocon-associated protein subunit delta |SSR4
G3GXX3	1	1	4.4	3.9E-03	2.2	SK15-EPO	Thapsigargin 48h	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 2 |RPN2
G3GS78	1	1	2.3	1.9E-03	1.8	SK15-EPO	Thapsigargin 24h	DnaJ-like subfamily C member 3 |DNAJC3
G3HBU2	1	1	3.9	6.9E-03	20.0	Thapsigargin 72h	SK15-EPO	STIP1-likey and U box-containing protein 1 |
G3IA85	1	1	2.3	1.5E-03	2.9	SK15-EPO	Thapsigargin 72h	Ubiquitin conjugation factor E4 B |UBE4B

G3I8V9	2	2	5.6	2.4E-04	2.2	SK15-EPO	Thapsigargin 72h	DnaJ-like subfamily A member 1 |DNAJA1
G3HN14	2	2	10.0	7.5E-04	170.3	Thapsigargin 72h	SK15-EPO	Transitional endoplasmic reticulum ATPase |PIGO
G3GZQ8	2	2	6.0	8.3E-04	1.6	Thapsigargin 72h	Thapsigargin 48h	UBX domain-containing protein 4 |UBXN4
G3HRC5	2	2	6.6	9.6E-05	2.2	SK15-EPO	Thapsigargin 48h	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit DAD1 |DAD1
G3H2C9	2	2	8.5	2.1E-03	1.9	SK15-EPO	Thapsigargin 24h	S-phase kinase-associated protein 1 |SKP1
G3H6Y6	2	2	8.3	8.6E-04	1.8	Thapsigargin 48h	SK15-EPO	NSFL1 cofactor p47 |NSFL1C
G3H6S8	2	2	8.2	2.7E-03	1.8	Thapsigargin 48h	SK15-EPO	Inorganic pyrophosphatase |PPA1
G3HTY0	2	2	5.5	2.0E-03	1.8	Thapsigargin 48h	SK15-EPO	Ubiquitin-conjugating enzyme E2 O |UBE2O
G3GXG0	2	2	6.1	2.2E-05	2.6	SK15-EPO	Thapsigargin 72h	CUL1 |CUL1
G3HIC4	3	3	8.9	9.3E-04	2.1	Thapsigargin 72h	Thapsigargin 48h	Protein transport protein Sec61 subunit alpha isoform 1 (Fragment) |SEC61A1
G3GXX4	3	3	9.7	1.2E-04	2.2	SK15-EPO	Thapsigargin 48h	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 2 |RPN2
Q91Z81	3	3	11.0	1.0E-03	2.3	SK15-EPO	Thapsigargin 24h	Protein disulfide-isomerase |PDIA3
G3H8H7	3	3	7.8	2.3E-05	3.2	SK15-EPO	Thapsigargin 48h	DnaJ homolog subfamily C member 10 |DNAJC10
G3IL48	3	3	7.6	3.1E-03	1.6	Thapsigargin 72h	Thapsigargin 24h	Protein transport protein Sec31A |SEC31A
G3H1M4	4	4	13.7	2.1E-04	1.7	Thapsigargin 72h	SK15-EPO	Eukaryotic translation initiation factor 2 subunit 1 |EIF2S1
G3HP69	4	4	16.9	3.6E-03	1.6	Thapsigargin 72h	Thapsigargin 48h	Calnexin |CANX

G3HYG7	4	4	12.0	4.5E-05	2.8	SK15-EPO	Thapsigargin 48h	DnaJ-like subfamily B member 11 |DNAJB11
G3HTZ9	5	5	14.8	2.4E-06	110.8	Thapsigargin 72h	SK15-EPO	Cyclic AMP-dependent transcription factor ATF-6 alpha |ATF6
G3H284	6	6	22.6	8.3E-05	2.5	SK15-EPO	Thapsigargin 24h	Endoplasmic reticulum resident protein 29 |ERP29
G3HB04	6	6	29.9	1.6E-04	2.6	SK15-EPO	Thapsigargin 24h	Protein disulfide-isomerase A6 |PDIA6
G3H4Z8	6	6	29.4	2.8E-04	2.8	Thapsigargin 72h	SK15-EPO	HSPA2 |HSPA2
G3H9T1	6	6	20.7	2.6E-04	2.7	SK15-EPO	Thapsigargin 48h	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit |DDOST
G3I7I9	6	6	17.0	7.4E-05	2.1	SK15-EPO	Thapsigargin 48h	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit STT3A |STT3A
G3H177	7	7	19.8	7.2E-05	4.1	SK15-EPO	Thapsigargin 48h	LMAN2 |LMAN2
G3HID0	9	9	27.1	1.8E-03	1.5	SK15-EPO	Thapsigargin 48h	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1 |RPN1
G3H1S2	10	10	38.8	1.1E-05	9.5	SK15-EPO	Thapsigargin 48h	UDP-glucose:glycoprotein glucosyltransferase 1 |UGGT1
G3HH63	10	10	35.5	8.4E-05	2.3	Thapsigargin 48h	SK15-EPO	Phospholipase A-2-activating protein |PLAA
G3I220	12	12	47.8	8.4E-06	2.8	SK15-EPO	Thapsigargin 48h	Cytoskeleton-associated protein 4 |CKAP4
G3H697	12	12	57.6	4.2E-08	3.9	SK15-EPO	Thapsigargin 24h	Glucosidase 2 subunit beta |PRKCSH
G3I064	17	17	56.3	6.4E-05	7.2	SK15-EPO	Thapsigargin 24h	Neutral alpha-glucosidase AB |GANAB
G3IDT6	29	29	114.4	7.6E-06	3.2	Thapsigargin 72h	Thapsigargin 24h	Protein disulfide-isomerase A4 |PDIA4
G3HQM6	33	33	155.1	2.6E-05	2.9	Thapsigargin 72h	SK15-EPO	Endoplasmin |HSP90AB1

Table 7. DE Proteins associated to be involved in protein synthesis, folding and glycosylation under ER stress conditions in producer and non-producer CHO cells. Changes in protein abundance are represented by colors; where blue represents downregulation; green upregulation and yellow no difference.

		Normalised Abundance fold changes for each exposure time point								
Accession Number (UniProt ID)	**Description & Gene Name**	**CHO-K1**			**CHO DP-12**			**CHO SK15-EPO**		
		24 hour	***48 hour***	***72 hour***	***24 hour***	***48 hour***	***72 hour***	***24 hour***	***48 hour***	***72 hour***
G3HP69	Calnexin *(CNX)*	1.2	1.0	1.4	20.9	68.0	542.5	1.2	1.0	1.5
G3H284	Endoplasmic reticulum resident protein 29 *(ERP29)*	2.8	2.5	2.2	2.9	2.2	1.5	1.1	2.0	2.9
G3H697	Glucosidase 2 subunit beta *(PRKCSH)*	4.7	3.1	2.2	7.3	2.8	1.8	3.9	2.3	1.8
G3I064	Neutral alpha-glucosidase AB *(GANAB)*	11.1	4.0	2.8	6.3	3.0	2.2	7.2	5.3	3.2
G3H9T1	Dolichyl-diphosphooligosaccharide-protein glycosyltransferase 48 kDa subunit *(DDOST)*	2.3	2.4	1.3	2.2	2.2	2.5	2.4	2.7	1.9
G3H1S2	UDP-glucose:glycoprotein glucosyltransferase 1 *(UGGT1)*	8.3	16.3	11.6	10.6	12.7	7.8	6.8	9.5	5.1
G3HID0	Dolichyl-diphosphooligosaccharide-protein glycosyltransferase subunit 1 *(RPN1)*	1.4	1.1	1.3	10.5	1.5	1.1	1.5	1.5	1.1

Table 8. DE Proteins associated to be involved in Unfolded Protein Response (UPR). Downregulation of the abundance of the protein is represented by blue color, whereas green color represents upregulation.

		Normalised Abundance fold changes for each exposure time point

Accession Number (UniProt ID)	Description & Gene Name	CHO-K1			CHO DP-12			CHO SK15-EPO		
		24 hour	*48 hour*	*72 hour*	*24 hour*	*48 hour*	*72 hour*	*24 hour*	*48 hour*	*72 hour*
G3HTZ9	Cyclic AMP-dependent transcription factor alpha *(ATF6)*	370.5	974.2	799.3	42.5	110.6	102.5	69.5	79.7	110.8
G3HG40	Eukaryotic translation initiation factor 2A *(EIF2α)*	1.6	1.1	2.0	1.6	1.5	1.8	1.3	3.8	4.4

Table 9. DE Proteins associated to be involved in ERAD pathway. Changes in protein abundance are represented by colors; where blue represents downregulation; green upregulation and yellow no difference. ND is used to show proteins which have not been detected at the corresponding CHO cell line.

		Normalised Abundance fold changes for each exposure time point								
Accession Number (UniProt ID)	Description & Gene Name	CHO-K1			CHO DP-12			CHO SK15-EPO		
		24 hour	*48 hour*	*72 hour*	*24 hour*	*48 hour*	*72 hour*	*24 hour*	*48 hour*	*72 hour*
G3HH63	Phospholipase A-2-activating protein *(PLAA)*	2.5	1.1	2.3	1.4	1.3	1.8	1.4	2.3	2.2
G3H6Y6	NSFL1 cofactor p47 *(NSFL1C)*	1.4	1.3	1.6	1.5	1.4	1.3	1.4	1.8	1.4
G3HYG7	DnaJ-like subfamily B member 11 *(DNAJB11)*	1.9	1.8	1.2	2.6	1.8	1.5	2.6	2.8	1.7
G3IDT6	Protein disulfide-isomerase A4 *(PDIA4)*	1.4	1.8	2.4	1.4	1.2	1.6	1.0	2.7	3.2
G3HB04	Protein disulfide-isomerase A6 *(PDIA6)*	2.6	2.7	1.4	2.4	1.7	1.4	2.6	2.0	1.5
G3HSW8	Translocon-associated protein subunit delta *(SSR4)*	1.0	1.4	2.3	ND	ND	ND	1.1	1.5	1.4
G3I8V9	DnaJ-like subfamily A member 1 *(DNAJA1)*	1.1	1.5	1.3	ND	ND	ND	1.1	1.5	2.2
G3GXG0	Cullin *(CUL1)*	1.3	1.1	3.3	ND	ND	ND	1.8	1.7	2.6
G3HBU2	STIP1-likey and U box-containing protein 1 *(STUB1)*	1.1	1.4	2.5	ND	ND	ND	2.4	17.7	20.0
G3HWE1	ERO1-like protein beta *(ERO1)*	ND	ND	ND	8.7	3.1	3.4	2.4	3.1	2.4
G3GZQ8	UBX domain-containing protein 4 *(UBXN4)*	ND	ND	ND	ND	ND	ND	1.4	1.0	1.5
G3IA85	Ubiquitin conjugation factor E4 B *(UBE4B)*	ND	ND	ND	ND	ND	ND	1.3	1.4	2.9
G3HEN3	Protein HIRA *(HIRA)*	ND	ND	ND	ND	ND	ND	1.4	1.3	1.5
G3H4Z8	Heat shock protein family A (HSP70) member 2 *(HSPA2)*	ND	ND	ND	ND	ND	ND	1.8	2.7	2.8

G3HIC4	Protein transport protein Sec61 subunit alpha isoform 1 *(SEC61A1)*	ND	ND	ND	ND	ND	ND	1.4	1.1	2.0
G3HM97	Ubiquitin-conjugating enzyme E2 D4 *(UBE2D4)*	ND	ND	ND	ND	ND	ND	1.5	1.8	1.8
G3I8D0	Suppressor of G2 allele of SKP1-like *(SUGT1)*	ND	ND	ND	ND	ND	ND	2.5	2.9	1.4
G3HFL2	Endoplasmic reticulum lectin 1 *(ERLEC1)*	ND	ND	ND	4.1	3.8	1.7	ND	ND	ND
G3HZE7	Heat shock 70 kDa protein 1L *(HSPA1L)*	ND	ND	ND	1.8	2.2	2.7	ND	ND	ND
G3HIK3	Homocysteine-responsive ER-resident ubiquitin-like domain member 1 protein *(HERPUD1)*	40.7	24.2	10.1	ND	ND	ND	ND	ND	ND
G3IJ85	Ubiquitin-conjugating enzyme E2 D3 *(UBE2D3)*	1.7	1.6	6.0	ND	ND	ND	ND	ND	ND
G3H7H4	Protein transport protein Sec61 subunit beta *(SEC61B)*	1.1	1.5	1.9	ND	ND	ND	ND	ND	ND

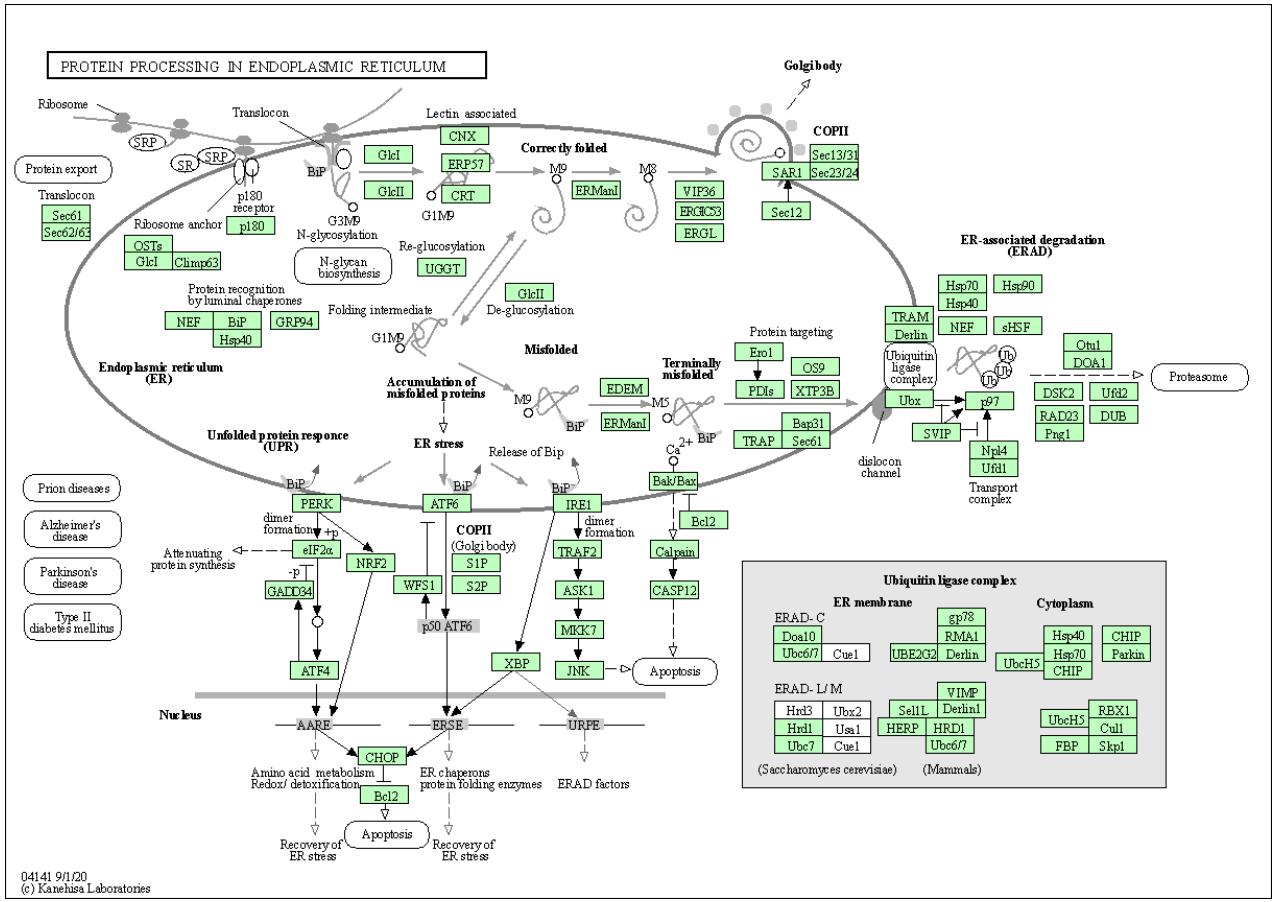


Fig1. KEGG Pathway, protein processing in endoplasmic reticulum. (String gene ontology, keg pathway, cge04141)

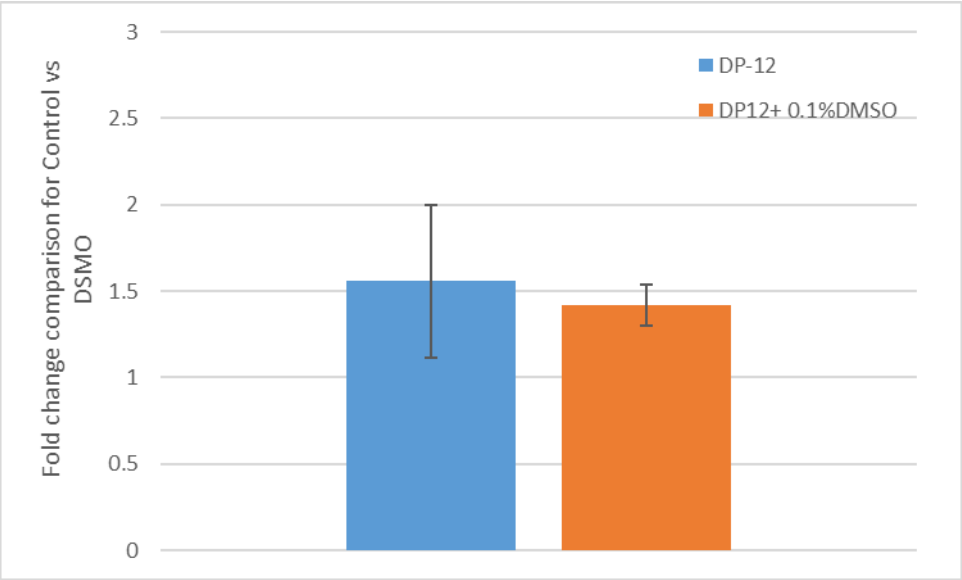


Fig2. Fold change comparison for CHO-DP12 cells with and without exposure to 10 µL of DMSO.

Supplementary information 1.1. Calculation of specific productivity.

$$\text{Specific productivity (pg/cell/day)} = \frac{\left(\frac{P1-P0}{\left\{\frac{X1+X0}{2}\right\}}\right)}{T1-T0}$$

Where,

P_0 = productivity (pg/ml) by first point of analysis

P_1 = productivity (pg/ml) by second point of analysis

X_0 = Viable cell density ($x10^6$ cells/ml) by first point of analysis

X_1 = Viable cell density ($x10^6$ cells/ml) by second point of analysis

T_0 = Day of first point of analysis

T_1 = Day of second point of analysis