Supporting Information for

"Quantitative Proteomic Analysis Revealed Lovastatin-induced Perturbation of Cellular Pathways in HL-60 Cells"

by

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Table S2. Modest changed proteins involved in ER signaling and ubiquitination pathway

Accession NO.	Protein Name	Pathway involved	Average ratio
IPI00217949	Ubiquitin-conjugating enzyme E2 S	ubiquitination	0.707 ± 0.109
IPI00071189	Cell division cycle 2-like protein kinase 1	ubiquitination	0.714 ± 0.007
IPI00291946	Deubiquitinating enzyme 10	ubiquitination	0.728 ± 0.162
IPI00830108	DnaJ homolog subfamily C member 2	ubiquitination	0.706 ± 0.036
IPI00940896	cDNA FLJ54183, highly similar to HLA class I histocompatibility antigen, Cw-7 alpha chain	ubiquitination	0.723 ± 0.227
IPI00299635	Baculoviral IAP repeat-containing protein 6	ubiquitination	0.725 ± 0.254
IPI00102313	Steroid receptor RNA activator 1	ER signaling	0.743 ± 0.050
IPI00829826	Activator-recruited cofactor 205 kDa component	ER signaling	0.705 ± 0.030
IPI00004068	Activator-recruited cofactor 240 kDa component	ER signaling	0.710 ± 0.030
IPI00032879	Adenylate kinase isoenzyme 6	ER signaling	0.782 ± 0.044

Table S3. Quantification results for translation elongation factors.

IPI Number	Protein Name	Reverse set1	Forward set 2	Forward set 3	Average Ratio	SD
IPI00014263	Eukaryotic translation initiation factor 4H	0.789	0.569	0.518	0.625	0.144
IPI00178440	Elongation factor 1-beta	0.728	0.676	0.761	0.722	0.043
IPI00299254	Eukaryotic translation initiation factor 5B	0.827	0.662	0.873	0.787	0.111
IPI00102069	Eukaryotic translation initiation factor 3 subunit M	0.690	0.842	0.922	0.818	0.118
IPI00000858	cDNA FLJ56180, highly similar to Negative elongation factor E	0.689	0.820	0.752	0.753	0.065
IPI00925413	EIF4G1 protein	0.688	0.530	0.797	0.671	0.134
IPI00290460	eIF3 p42	0.705	0.620	0.745	0.690	0.064
				Average Ratio	0.724	