Table 1. Protein and mRNA abundances in human liver reported for 23 selected molecules

Protein name	Protein	Average protein abundance	Protein standard deviation	Average protein abundance (%)	Number of clones (BLAST)	Average message abundance
Carbamyl phosphate synthase	CPS	101475	12379	2.83	11	0.139%
Actin beta	ACTB	50345	17793	1.41	15	0.189%
Heat shock protein 60	HSP60	37656	1939	1.05	3	0.038%
Protein disulfide isomerase	PDI	31260	1942	0.87	2	0.025%
78 KD glucose regulated protein / BIP	BIP	31050	1993	0.87	1	0.013%
Calreticulin	CRTC	30491	2076	0.85	3	0.038%
F1 ATPase beta	F1ATPB	29529	1275	0.82	3	0.038%
Actin gamma	ACTG	23316	9012	0.65	17	0.215%
Heat shock cognate 70	HSC70	21647	908	0.60	1	0.013%
Cytochrome B5	CYB5	18776	1656	0.52	7	0.088%
Endoplasmin	ENPL	17817	5829	0.50	5	0.063%
75 KD glucose regulated protein	GR75	16380	1821	0.46	1	0.013%
Pyruvate carboxylase	PYVC	14655	1930	0.41	0	Not detected
Heat shock protein 70	HSP70	8629	1565	0.24	1	0.013%
Tubulin beta 1	TBB1	7125	1472	0.20	3	0.038%
Vimentin	VIME	6269	952	0.18	0	not detected
Tropomyosin	TPM	4090	600	0.11	1	0.013%
NADPH cytochrome P-450 reductase	NP450R	3303	1319	0.09	0	Not detected
Tubulin alpha 1	TBA1	3097	1409	0.09	5	0.063%
Heat shock protein 90	HSP90	2740	597	0.08	2	0.025%
Cytochrome oxidase II (mit encoded)	COX-II	2384	651	0.07	0	Not measured
Laminin receptor	LAMR	1531	602	0.04	4	0.050%
Lamin B	LAMB	1454	371	0.04	2	0.025%

a) Protein abundance is given in pixel-gray levels (the integrated CBB optical density of the appropriate spot or spots on a 2-D gel), where multiple spots comprising a single gene product have been summed. Messenger RNA measurements are given as a percentage of the total number of clones sequenced in the relevant transcript images.