Table 1: 20 genes with the largest ratios in the leukemia data set

Rank	Orf	Gene	Description
1	M58285	*Hem-1*	Expressed only in cells of hematopoietic origin.
2	M58583	*Cerebellin 1 precursor (CBLN1)*	Also known as *Precerebellin 1*.
3	HG4157-HT4427	*Glycinamide Ribonucleotide Synthetase*	Metabolism.
4	M74096	*Acyl-CoA dehydrogenase, long-chain (Acadl)*	Beta-oxidation of fatty acids.
5	U52154	*Potassium inwardly-rectifying channel, subfamily J, member 5 (Kcnj5)*	Ion channel.
6	M74719	*Transcription factor 4 (TCF4)*	Also known as *Immunoglobulin transcription factor 2*. Plays a role in lymphoid development (B- and T-lymphocyte development).
7	U15085	*Major histocompatibility complex, class II, DM beta (HLA-DMB)*	Antigen presentation. Immune-cell specific surface antigen.
8	U47928	*Protein "A"*	Unknown.
9	D82344	*Paired mesoderm homeobox 2b (PMX2B)*	Transcription factor. Also known as *Neuroblastoma paired-type homeo box gene (NBPHOX)*.
10	U50534	Unknown	Unknown.
11	U38545	*Phospholipase D1, phosphatidylcholine-specific (PLD1)*	Lipid metabolism. Phosphatidic acid, end product of this enzymatic activity, is a signaling molecule.
12	L04953	*Amyloid beta (A4) precursor protein-binding, family A, member 1 (X11) (Apba1)*	Putative function in synaptic vesicle exocytosis.
13	L17330	*Pre-T/NK cell associated protein (6H9A)*	Development.
14	D86640	*Src homology three (SH3) and cysteine rich domain (Stac)*	Signal transduction.
15	M96739	*Nescient helix loop helix 1 (Nhlh1)*	Transcription factor. Also known as *Hen1*. Plays an important role in growth and development.
16	U15177	*Alu*	Repetitive DNA sequence.
17	M37984	*Regulatory domain of cardiac troponin C*	Structural modulation.
18	D43948	*ch-TOG (for colonic and hepatic tumor over-expressed gene)*	Over-expressed in hepatomas and colonic tumors.
19	U14518	*Centromere protein A (17 kDa) (Cenpa)*	Component of centromere structure.
20	S73205	*Insulin activator factor (Insaf)*	Transcription factor binding at insulin control element (ICE).