Table 20. The differentially expressed genes in P190 *BCR/ABL1* vs. B lineage ALL

Accession no.	Gene name	Gene symbol	Entrez gene	Reporter ID	Score*	*P*	Sign†
AI493714	KIAA1914	*KIAA1914*	84632	2019957	3.965087	0.0002	+
R53235	Transcribed locus	*0*	0	40435	3.960974	0.0002	+
AA775576	EMI domain containing 1	*EMID1*	129080	378420	2.932962	0.0006	+
AI972443	Purinergic receptor P2X, ligand-gated ion channel, 1	*P2RX1*	5023	2490112	2.822316	0.0002	+
AA010797	Hypothetical protein FLJ23191	*FLJ23191*	79625	359795	2.68135	0.001	–
H28986	Brain and acute leukemia, cytoplasmic	*BAALC*	79870	49923	2.589992	0.0002	+
H88485	High-mobility group nucleosomal binding domain 3	*HMGN3*	9324	252904	2.576282	0.0006	+
BX114766	Osteoclast stimulating factor 1	*OSTF1*	26578	282663	2.536273	0.0008	+
AA454146	Cyclin H	*CCNH*	902	795296	2.46435	0.0006	–
AA040613	CAP, adenylate cyclase-associated protein, 2 (yeast)	*CAP2*	10486	487297	2.31227	0.0006	–
AI936324	Tyrosine kinase, non-receptor, 1	*TNK1*	8711	2460159	2.08865	0.0002	–
BX091586	THAP domain containing 10	*THAP10*	56906	190305	2.08714	0.0006	–
CR742982	Multiple cluster hits:257761 & 410969	*:SH3BP5 & NTRK3*	9467 & 4916	35356	2.06129	0.0002	+
AA486131	Chemokine (C-C motif) ligand 5	*CCL5*	6352	840753	2.0535	0.0004	+
N27574	Growth arresT specific 2 like 3	*GAS2L3*	283431	264502	2.03601	0.0006	–
AA490263	NIMA (never in mitosis gene a)-related kinase 3	*NEK3*	4752	823794	2.009321	0.0004	+
T68405	Frizzled homolog 6 (Drosophila)	*FZD6*	8323	83297	1.999678	0.0006	+
BX111634	Rho guanine nucleotide exchange factor (GEF) 3	*ARHGEF3*	50650	293745	1.992137	0.001	+
AA954482	Synovial sarcoma, X breakpoint 1	*SSX1*	6756	1563050	1.88608	0.0006	–
AA188661	SH3-domain binding protein 5 (BTK-associated)	*SH3BP5*	9467	626343	1.722437	0.001	+
AA464036	PHD finger protein 8	*PHF8*	23133	810621	1.63057	0.001	–
AI261303	Mitochondrial ribosomal protein S22	*MRPS22*	56945	2028599	1.630377	0.0008	+
AA903339	Ret proto-oncogene (multiple endocrine neoplasia and medullary thyroid carcinoma 1, Hirschsprung disease)	*RET*	5979	1516955	1.39194	0.001	–
AA953006	SERTA domain containing 4	*SERTAD4*	56256	1561776	1.27716	0.0004	–

*Value from discriminatory analysis, with a high value indicating a high correlation with the classes.
†The plus (+) sign indicates relative up-regulation in P190 *BCR/ABL1*, the minus (–) sign indicates up-regulation in B lineage.