

A: 35 pairs

121 probe sets with FDR<10% and t-test p-value <0.002

AffyID	Overall Rank	Rank 1	Rank 2	p-value	FDR (%)	Gene Symbol
204642_at	1		1	0	0.29	EDG1
203795_s_at	2		2	0.000002	0.77	BCL7A
203554_x_at	3	1		0.000003	0.77	PTTG1
200980_s_at	4	2		0.000004	0.79	PDHA1
213875_x_at	5		3	0.000009	1.53	C6orf62
213166_x_at	6	3		0.000013	1.76	FLJ14346
201757_at	7	4		0.000014	1.76	NDUFS5
214095_at	8	5		0.000023	2.35	SHMT2
201001_s_at	9	6		0.000031	2.35	UBE2V1
211061_s_at	10		4	0.000031	2.35	MGAT2
203796_s_at	11		5	0.000034	2.35	BCL7A
200834_s_at	12	7		0.000034	2.35	RPS21
206864_s_at	13		6	0.000035	2.35	HRK
205437_at	14		7	0.000071	4.05	ZNF211
200061_s_at	15	8		0.000076	4.05	RPS24
201134_x_at	16	9		0.000092	4.05	COX7C
201896_s_at	17	10		0.000093	4.05	DDA3
222039_at	18	11		0.000094	4.05	LOC146909
217491_x_at	19	12		0.000099	4.05	COX7C
215227_x_at	20	13		0.0001	4.05	ACPI
49485_at	21		8	0.000108	4.05	PRDM4
205558_at	22		9	0.00011	4.05	TRAF6
203989_x_at	23	14		0.000111	4.05	F2R
203936_s_at	24	15		0.000114	4.05	MMP9
200763_s_at	25	16		0.000115	4.05	RPLP1
219105_x_at	26	17		0.000125	4.22	ORC6L
202870_s_at	27	18		0.00013	4.24	CDC20
201002_s_at	28	19		0.000139	4.36	UBE2V1
201897_s_at	29	20		0.000145	4.4	CKS1B
200701_at	30	21		0.000163	4.64	NPC2
218662_s_at	31	22		0.000164	4.64	HCAP-G
209715_at	32	23		0.000188	5	CBX5
213507_s_at	33	24		0.000193	5	KPNB1
214356_s_at	34	25		0.000194	5	KIAA0368
202279_at	35	26		0.000206	5	C14orf2
203773_x_at	36	27		0.00021	5	BLVRA
202984_s_at	37		10	0.00021	5	BAG5
213007_at	38	28		0.000224	5.17	FLJ10719
204334_at	39		11	0.000236	5.32	KLF7
208980_s_at	40		12	0.000258	5.56	UBC
218188_s_at	41	29		0.000275	5.56	TIMM13
205849_s_at	42	30		0.00028	5.56	UQCRB
217256_x_at	43	31		0.000282	5.56	RPL36A
201291_s_at	44	32		0.000284	5.56	TOP2A
217408_at	45	33		0.00029	5.56	MRPS18B
201046_s_at	46	34		0.000291	5.56	RAD23A
201628_s_at	47		13	0.0003	5.6	RRAGA
218355_at	48	35		0.000309	5.6	KIF4A
221775_x_at	49	36		0.000312	5.6	RPL22
202191_s_at	50		14	0.000321	5.64	GAS7
213872_at	51		15	0.000356	6.13	C6orf62
219737_s_at	52		16	0.000377	6.29	PCDH9
221547_at	53		17	0.000379	6.29	PRPF18
207132_x_at	54	37		0.000391	6.37	PFDN5
209408_at	55	38		0.000405	6.46	KIF2C
222120_at	56		18	0.000421	6.46	MGC13138
204162_at	57	39		0.000426	6.46	KNTC2
222113_s_at	58	40		0.000432	6.46	EPS15L1
210448_s_at	59		19	0.000433	6.46	P2RX5
201406_at	60	41		0.000455	6.67	RPL36AL
201268_at	61	42		0.000487	6.72	NME2
205131_x_at	62	43		0.000499	6.72	SCGF

203213_at	63	44		0.000503	6.72	CDC2
209066_x_at	64	45		0.000506	6.72	UQCRB
200921_s_at	65		20	0.000507	6.72	BTG1
203371_s_at	66	46		0.00051	6.72	NDUFB3
209398_at	67		21	0.000513	6.72	HIST1H1C
208079_s_at	68	47		0.000529	6.75	STK6
202233_s_at	69	48		0.000537	6.75	UQCRH
221488_s_at	70	49		0.000537	6.75	C6orf82
200596_s_at	71	50		0.00057	6.98	EIF3S10
209189_at	72		22	0.000572	6.98	FOS
204937_s_at	73		23	0.000583	7.01	ZNF274
211685_s_at	74	51		0.000599	7.01	NCALD
203313_s_at	75		24	0.000601	7.01	TGIF
202276_at	76	52		0.000606	7.01	SHFM1
217028_at	77		25	0.000614	7.01	CXCR4
218320_s_at	78	53		0.000623	7.02	P17.3
208892_s_at	79		26	0.000636	7.07	DUSP6
204715_at	80		27	0.000665	7.16	PANX1
202648_at	81	54		0.000668	7.16	RPS19
212995_x_at	82	55		0.000669	7.16	FLJ14346
202095_s_at	83	56		0.000676	7.16	BIRC5
211047_x_at	84	57		0.000703	7.35	AP2S1
202193_at	85	58		0.000711	7.35	LIMK2
214789_x_at	86		28	0.000732	7.41	SRP46
203775_at	87	59		0.000735	7.41	SLC25A13
212227_x_at	88		29	0.000742	7.41	SUI1
201072_s_at	89	60		0.000761	7.51	SMARCC1
206555_s_at	90		30	0.000817	7.9	FLJ20274
210980_s_at	91	61		0.000818	7.9	ASAH1
208764_s_at	92	62		0.000843	7.96	ATP5G2
200655_s_at	93		31	0.000848	7.96	CALM1
204257_at	94		32	0.000851	7.96	FADS3
218926_at	95		33	0.000861	7.96	MYNN
219711_at	96		34	0.000885	8.07	ZNF586
211729_x_at	97	63		0.000897	8.07	BLVRA
211709_s_at	98	64		0.000899	8.07	SCGF
219549_s_at	99	65		0.000942	8.3	RTN3
213377_x_at	100	66		0.000944	8.3	RPS12
215479_at	101		35	0.000959	8.35	
202110_at	102	67		0.00098	8.4	COX7B
202495_at	103		36	0.000999	8.4	TBCC
201236_s_at	104		37	0.001004	8.4	BTG2
220094_s_at	105	68		0.001006	8.4	C6orf79
206656_s_at	106	69		0.001013	8.4	MYOD1
209152_s_at	107		38	0.001042	8.49	TCF3
219192_at	108	70		0.001046	8.49	UBAP2
209201_x_at	109		39	0.001055	8.49	CXCR4
214751_at	110		40	0.001063	8.49	LOC90333
202378_s_at	111	71		0.001073	8.5	OBRGRP
200909_s_at	112	72		0.0011	8.64	RPLP2
202782_s_at	113		41	0.001127	8.68	SKIP
205129_at	114	73		0.001137	8.68	NPM3
208891_at	115		42	0.001144	8.68	DUSP6
208984_x_at	116	74		0.001146	8.68	RBM10
201928_at	117	75		0.00118	8.82	PKP4
209323_at	118		43	0.001184	8.82	PRKRIR
201306_s_at	119	76		0.001218	9	ANP32B
209565_at	120		44	0.001286	9.42	ZNF183
211296_x_at	121		45	0.001371	9.96	UBC

Rank 1 = ranks of probe sets with expression values being high in Diagnosis Group

Rank 2 = ranks of probe sets with expression values being high in Relapse Group

B: 32 pairs; precursor B

126 probe sets with FDR<10% and t-test p-value <0.002

AffyID	Overall Rank	Rank 1	Rank 2	p-value	FDR (%)	Gene Symbol
204642_at	1	1		0.000001	0.66	EDG1
203795_s_at	2	2		0.000002	0.66	BCL7A
203554_x_at	3		1	0.000003	0.97	PTTG1
200834_s_at	4		2	0.00001	2.11	RPS21
200763_s_at	5		3	0.000016	2.11	RPLP1
213166_x_at	6		4	0.000017	2.11	FLJ14346
201757_at	7		5	0.000019	2.11	NDUFS5
200980_s_at	8		6	0.000021	2.11	PDHA1
203796_s_at	9	3		0.000023	2.11	BCL7A
203989_x_at	10		7	0.000026	2.11	F2R
200061_s_at	11		8	0.000029	2.11	RPS24
201001_s_at	12		9	0.000029	2.11	UBE2V1
212834_at	13		10	0.000031	2.11	DDX52
213875_x_at	14	4		0.000034	2.12	C6orf62
208892_s_at	15	5		0.000044	2.51	DUSP6
206864_s_at	16	6		0.000048	2.51	HRK
217491_x_at	17		11	0.000049	2.51	COX7C
201002_s_at	18		12	0.000052	2.51	UBE2V1
202279_at	19		13	0.000054	2.51	C14orf2
49485_at	20	7		0.000057	2.51	PRDM4
211061_s_at	21	8		0.000062	2.58	MGAT2
222039_at	22		14	0.00007	2.81	LOC146909
215227_x_at	23		15	0.000087	3.31	ACPI
201134_x_at	24		16	0.000093	3.4	COX7C
205558_at	25	9		0.000102	3.44	TRAF6
202984_s_at	26	10		0.00011	3.44	BAG5
219105_x_at	27		17	0.000114	3.44	ORC6L
221775_x_at	28		18	0.000116	3.44	RPL22
201046_s_at	29		19	0.000117	3.44	RAD23A
200655_s_at	30	11		0.000118	3.44	CALM1
203936_s_at	31		20	0.000135	3.82	MMP9
202870_s_at	32		21	0.00016	4.28	CDC20
208891_at	33	12		0.000161	4.28	DUSP6
202648_at	34		22	0.000176	4.54	RPS19
210448_s_at	35	13		0.000181	4.55	P2RX5
201897_s_at	36		23	0.000191	4.67	CKS1B
214095_at	37		24	0.000199	4.68	SHMT2
205437_at	38	14		0.000209	4.68	ZNF211
202095_s_at	39		25	0.000221	4.68	BIRC5
217256_x_at	40		26	0.000223	4.68	RPL36A
203213_at	41		27	0.000224	4.68	CDC2
204334_at	42	15		0.000229	4.68	KLF7
214789_x_at	43	16		0.000229	4.68	SRP46
205849_s_at	44		28	0.000245	4.89	UQCRB
201406_at	45		29	0.000264	5.15	RPL36AL
201268_at	46		30	0.000281	5.19	NME2
207132_x_at	47		31	0.000282	5.19	PFDN5

204162_at	48		32	0.000287	5.19	KNTC2
201896_s_at	49		33	0.000293	5.19	DDA3
202191_s_at	50	17		0.000296	5.19	GAS7
209398_at	51	18		0.000301	5.19	HIST1H1C
203773_x_at	52		34	0.000317	5.35	BLVRA
205677_s_at	53		35	0.000323	5.35	DLEU1
209715_at	54		36	0.000329	5.36	CBX5
219737_s_at	55	19		0.000342	5.38	PCDH9
208980_s_at	56	20		0.000351	5.38	UBC
209408_at	57		37	0.000357	5.38	KIF2C
201236_s_at	58	21		0.00036	5.38	BTG2
214356_s_at	59		38	0.000362	5.38	KIAA0368
222113_s_at	60		39	0.000371	5.44	EPS15L1
221547_at	61	22		0.000396	5.66	PRPF18
201041_s_at	62	23		0.0004	5.66	DUSP1
213007_at	63		40	0.000431	5.97	FLJ10719
213872_at	64	24		0.000435	5.97	C6orf62
213377_x_at	65		41	0.000447	6.04	RPS12
201628_s_at	66	25		0.000453	6.04	RRAGA
218662_s_at	67		42	0.000466	6.04	HCAP-G
214366_s_at	68	26		0.000468	6.04	ALOX5
37028_at	69	27		0.000476	6.06	PPP1R15A
204319_s_at	70		43	0.000492	6.17	RGS10
201291_s_at	71		44	0.000527	6.43	TOP2A
200701_at	72		45	0.000533	6.43	NPC2
202233_s_at	73		46	0.00054	6.43	UQCRH
204151_x_at	74		47	0.000542	6.43	AKR1C1
219031_s_at	75	28		0.000551	6.45	CGI-37
211047_x_at	76		48	0.000567	6.49	AP2S1
218355_at	77		49	0.000569	6.49	KIF4A
202705_at	78		50	0.000582	6.51	CCNB2
209066_x_at	79		51	0.000585	6.51	UQCRB
219549_s_at	80		52	0.000594	6.52	RTN3
201094_at	81		53	0.000618	6.7	RPS29
208079_s_at	82		54	0.000629	6.74	STK6
218188_s_at	83		55	0.000646	6.84	TIMM13
200949_x_at	84		56	0.000681	7.12	RPS20
219711_at	85	29		0.000691	7.14	ZNF586
218320_s_at	86		57	0.00074	7.56	P17.3
212995_x_at	87		58	0.00079	7.98	FLJ14346
202495_at	88	30		0.000814	8.13	TBCC
201258_at	89		59	0.000841	8.16	RPS16
202782_s_at	90	31		0.000845	8.16	SKIP
200909_s_at	91		60	0.000846	8.16	RPLP2
222120_at	92	32		0.000883	8.39	MGC13138
206555_s_at	93	33		0.000888	8.39	FLJ20274
200086_s_at	94		61	0.000924	8.61	COX4I1
200921_s_at	95	34		0.000943	8.61	BTG1
200818_at	96		62	0.000956	8.61	ATP5O
209189_at	97	35		0.000957	8.61	FOS
217408_at	98		63	0.00096	8.61	MRPS18B
202276_at	99		64	0.000998	8.78	SHFM1

202110_at	100		65	0.001002	8.78	COX7B
200674_s_at	101		66	0.00101	8.78	RPL32
212643_at	102	36		0.00102	8.79	C14orf32
221737_at	103	37		0.001049	8.94	GNA12
217028_at	104	38		0.001066	9.01	CXCR4
201477_s_at	105		67	0.001098	9.19	RRM1
202193_at	106		68	0.001116	9.25	LIMK2
213649_at	107	39		0.001161	9.53	SFRS7
200652_at	108		69	0.001179	9.54	SSR2
217879_at	109		70	0.001188	9.54	CDC27
204715_at	110	40		0.001203	9.54	PANX1
220287_at	111	41		0.001206	9.54	ADAMTS9
212227_x_at	112	42		0.001234	9.67	SUI1
201695_s_at	113	43		0.001247	9.67	NP
202503_s_at	114		71	0.00127	9.67	KIAA0101
204937_s_at	115	44		0.001276	9.67	ZNF274
221488_s_at	116		72	0.001276	9.67	C6orf82
209323_at	117	45		0.001306	9.67	PRKRIR
202647_s_at	118	46		0.001308	9.67	NRAS
206656_s_at	119		73	0.001321	9.67	MYOD1
210532_s_at	120		74	0.001325	9.67	C14orf2
214431_at	121		75	0.001333	9.67	GMPS
212007_at	122		76	0.001348	9.67	UBXD2
202947_s_at	123		77	0.001359	9.67	GYPC
213507_s_at	124		78	0.001365	9.67	KPNB1
222303_at	125	47		0.001409	9.9	
201161_s_at	126	48		0.001429	9.96	CSDA

Rank 1 = ranks of probe sets with expression values being high in Diagnosis Group

Rank 2 = ranks of probe sets with expression values being high in Relapse Group

C: 23 pairs; early relapse

73 probe sets with FDR<10% and t-test p-value <0.001

AffyID	Overall Rank	Rank 1	Rank 2	p-value	FDR (%)	Gene Symbol
214327_x_at	1	1		0.000007	2.71	TPT1
212227_x_at	2	2		0.000009	2.71	SUI1
202095_s_at	3		1	0.000009	2.71	BIRC5
212949_at	4		2	0.000023	3.43	BRRN1
202021_x_at	5	3		0.000027	3.43	SUI1
201199_s_at	6		3	0.000027	3.43	PSMD1
214095_at	7		4	0.000031	3.43	SHMT2
212130_x_at	8	4		0.000034	3.43	SUI1
203554_x_at	9		5	0.000035	3.43	PTTG1
213166_x_at	10		6	0.000041	3.67	FLJ14346
213007_at	11		7	0.000053	4.27	FLJ10719
203213_at	12		8	0.00007	4.68	CDC2
222039_at	13		9	0.000075	4.68	LOC146909
212995_x_at	14		10	0.000078	4.68	FLJ14346
200980_s_at	15		11	0.000079	4.68	PDHA1
214426_x_at	16		12	0.000094	4.94	CHAF1A
212869_x_at	17	5		0.000101	4.94	TPT1
212284_x_at	18	6		0.000106	4.94	TPT1
209189_at	19	7		0.000107	4.94	FOS
205677_s_at	20		13	0.000111	4.94	DLEU1
219192_at	21		14	0.000171	6.85	UBAP2
209715_at	22		15	0.000174	6.85	CBX5
218320_s_at	23		16	0.000179	6.85	P17.3
204257_at	24	8		0.000186	6.85	FADS3
202870_s_at	25		17	0.000198	6.85	CDC20
201210_at	26	9		0.000206	6.85	DDX3X
202844_s_at	27		18	0.000214	6.85	RALBP1
209408_at	28		19	0.000216	6.85	KIF2C
204642_at	29	10		0.000239	6.96	EDG1
214096_s_at	30		20	0.000241	6.96	SHMT2
204937_s_at	31	11		0.000243	6.96	ZNF274
218662_s_at	32		21	0.000271	7.46	HCAP-G
217672_x_at	33	12		0.000277	7.46	SUI1
212022_s_at	34		22	0.000285	7.46	MKI67
200596_s_at	35		23	0.000316	7.87	EIF3S10
217408_at	36		24	0.000337	7.87	MRPS18B
218732_at	37		25	0.000351	7.87	Bit1
205129_at	38		26	0.000354	7.87	NPM3
211047_x_at	39		27	0.000365	7.87	AP2S1
222113_s_at	40		28	0.000367	7.87	EPS15L1
218741_at	41		29	0.000374	7.87	C22orf18
203795_s_at	42	13		0.000387	7.87	BCL7A
201477_s_at	43		30	0.0004	7.87	RRM1
204767_s_at	44		31	0.000408	7.87	FEN1
39729_at	45		32	0.00041	7.87	PRDX2
202705_at	46		33	0.000415	7.87	CCNB2
202648_at	47		34	0.000416	7.87	RPS19

49485_at	48	14		0.000435	8.05	PRDM4
204162_at	49		35	0.000447	8.12	KNTC2
212515_s_at	50	15		0.00046	8.17	DDX3X
208079_s_at	51		36	0.000496	8.61	STK6
211943_x_at	52	16		0.000503	8.61	TPT1
214683_s_at	53	17		0.000563	9.08	CLK1
201291_s_at	54		37	0.000566	9.08	TOP2A
201897_s_at	55		38	0.00057	9.08	CKS1B
200679_x_at	56		39	0.000573	9.08	HMGB1
214366_s_at	57	18		0.000582	9.08	ALOX5
205550_s_at	58		40	0.0006	9.2	BRE
219312_s_at	59	19		0.000613	9.24	ZBTB10
53071_s_at	60		41	0.000626	9.27	FLJ22222
202153_s_at	61		42	0.000643	9.28	NUP62
215227_x_at	62		43	0.000653	9.28	ACP1
200763_s_at	63		44	0.000659	9.28	RPLP1
213875_x_at	64	20		0.000668	9.28	C6orf62
209323_at	65	21		0.000688	9.4	PRKRIR
205437_at	66	22		0.000704	9.4	ZNF211
201306_s_at	67		45	0.000708	9.4	ANP32B
213008_at	68		46	0.000753	9.84	FLJ10719
205859_at	69	23		0.000787	9.9	LY86
214794_at	70		47	0.000789	9.9	PA2G4
209795_at	71	24		0.000805	9.9	CD69
206102_at	72		48	0.000808	9.9	KIAA0186
202503_s_at	73		49	0.000813	9.9	KIAA0101

Rank 1 = ranks of probe sets with expression values being high in Diagnosis Group

Rank 2 = ranks of probe sets with expression values being high in Relapse Group